

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120918.D
 Acq On : 17 Jul 2020 13:00
 Operator : JU/CG
 Sample : L3308-24MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Manual Integrations
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mohammad
 7/20/2020 11:26:38 AM

Quant Time: Jul 17 13:46:08 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	221188	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	850807	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	437892	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	799775	20.00	ng	0.00
76) Chrysene-d12	13.98	240	461207	20.00	ng	0.00
86) Perylene-d12	15.42	264	479366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1290096	95.62	ng	0.02
7) Phenol-d6	6.46	99	1628375	93.43	ng	0.01
23) Nitrobenzene-d5	7.39	82	1016773	69.15	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	450598	94.01	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	1731500	59.04	ng	0.00
79) Terphenyl-d14	12.93	244	1578788	74.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	242764	39.095	ng	100
3) Pyridine	3.35	79	687506	41.620	ng	99
4) n-Nitrosodimethylamine	3.31	42	329097	46.591	ng	94
6) Aniline	6.48	93	661656	29.083	ng	99
8) 2-Chlorophenol	6.60	128	710324	47.789	ng	98
9) Benzaldehyde	6.36	77	195807	19.944	ng	99
10) Phenol	6.47	94	832207	43.407	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	684261	46.570	ng	98
12) 1,3-Dichlorobenzene	6.76	146	697170	43.256	ng	98
13) 1,4-Dichlorobenzene	6.83	146	700779	43.726	ng	99
14) 1,2-Dichlorobenzene	6.99	146	682275	45.000	ng	99
15) Benzyl Alcohol	6.96	79	560395	45.467	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	936574	44.224	ng	99
17) 2-Methylphenol	7.08	107	560847	42.572	ng	99
18) Hexachloroethane	7.33	117	258458	44.557	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	428456	43.232	ng	98
20) 3+4-Methylphenols	7.23	107	588639	35.125	ng	92
22) Acetophenone	7.23	105	797184	41.749	ng	# 94
24) Nitrobenzene	7.40	77	697540	44.015	ng	99
25) Isophorone	7.65	82	1311640	44.696	ng	99
26) 2-Nitrophenol	7.72	139	379263	50.389	ng	96
27) 2,4-Dimethylphenol	7.76	122	601307	49.206	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	833992	46.558	ng	99
29) 2,4-Dichlorophenol	7.96	162	576140	46.138	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	613713	44.298	ng	100
31) Naphthalene	8.13	128	1854711	42.498	ng	99
32) Benzoic acid	7.90	122	517012	56.360	ng	99
33) 4-Chloroaniline	8.17	127	412588	21.192	ng	99
34) Hexachlorobutadiene	8.24	225	346524	42.429	ng	99
35) Caprolactam	8.56	113	209727m	52.373	ng	
36) 4-Chloro-3-methylphenol	8.66	107	593033	46.305	ng	96
37) 2-Methylnaphthalene	8.82	142	1266799	44.704	ng	99
38) 1-Methylnaphthalene	8.92	142	1198521	44.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	560446	43.928	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	439717	62.360	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	429012	47.758	nq	100
44) 2,4,5-Trichlorophenol	9.14	196	450256	44.187	nq	98
46) 1,1'-Biphenyl	9.28	154	1460818	43.734	nq	99
47) 2-Chloronaphthalene	9.30	162	1179382	43.307	nq	99
48) 2-Nitroaniline	9.40	65	381661	46.374	nq	90
49) Acenaphthylene	9.72	152	1839524	43.480	nq	99
50) Dimethylphthalate	9.59	163	1755662	55.574	nq	98
51) 2,6-Dinitrotoluene	9.65	165	327475	48.250	nq	93
52) Acenaphthene	9.89	154	1241046m	46.139	nq	
53) 3-Nitroaniline	9.81	138	213893	25.128	nq	99
54) 2,4-Dinitrophenol	9.92	184	297387	76.454	nq	# 79
55) Dibenzofuran	10.06	168	1632922	41.981	nq	99
56) 4-Nitrophenol	9.98	139	591066	91.410	nq	99
57) 2,4-Dinitrotoluene	10.05	165	429394	48.177	nq	96
58) Fluorene	10.41	166	1125578	38.799	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	379655	48.936	nq	96
60) Diethylphthalate	10.29	149	1433528	44.863	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	555409	35.895	nq	99
62) 4-Nitroaniline	10.43	138	315515	38.052	nq	99
63) Azobenzene	10.56	77	1309198	43.037	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	202440	44.077	nq	96
66) n-Nitrosodiphenylamine	10.52	169	1181921	46.977	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	404301	45.341	nq	98
68) Hexachlorobenzene	10.95	284	450961	46.752	nq	95
69) Atrazine	11.05	200	337794	54.213	nq	98
70) Pentachlorophenol	11.15	266	504479	91.294	nq	99
71) Phenanthrene	11.37	178	1742692	42.368	nq	99
72) Anthracene	11.42	178	1795817	43.479	nq	99
73) Carbazole	11.57	167	1695242	41.358	nq	99
74) Di-n-butylphthalate	11.90	149	2146746	45.384	nq	99
75) Fluoranthene	12.55	202	1830344	40.146	nq	98
77) Benzidine	12.67	184	868107	71.591	nq	98
78) Pyrene	12.78	202	1830067	56.124	nq	99
80) Butylbenzylphthalate	13.40	149	856769	58.941	nq	94
81) Benzo(a)anthracene	13.97	228	1216675	43.564	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	405143	38.451	nq	99
83) Chrysene	14.00	228	1363825	46.468	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	983996	54.897	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1825905	51.202	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1653658	49.603	nq	100
88) Benzo(b)fluoranthene	15.01	252	1393402	48.088	nq	99
89) Benzo(k)fluoranthene	15.04	252	1250136	47.307	nq	100
90) Benzo(a)pyrene	15.37	252	1248025	47.208	nq	100
91) Dibenzo(a,h)anthracene	16.89	278	1349005	49.537	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1367380	50.925	nq	99

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

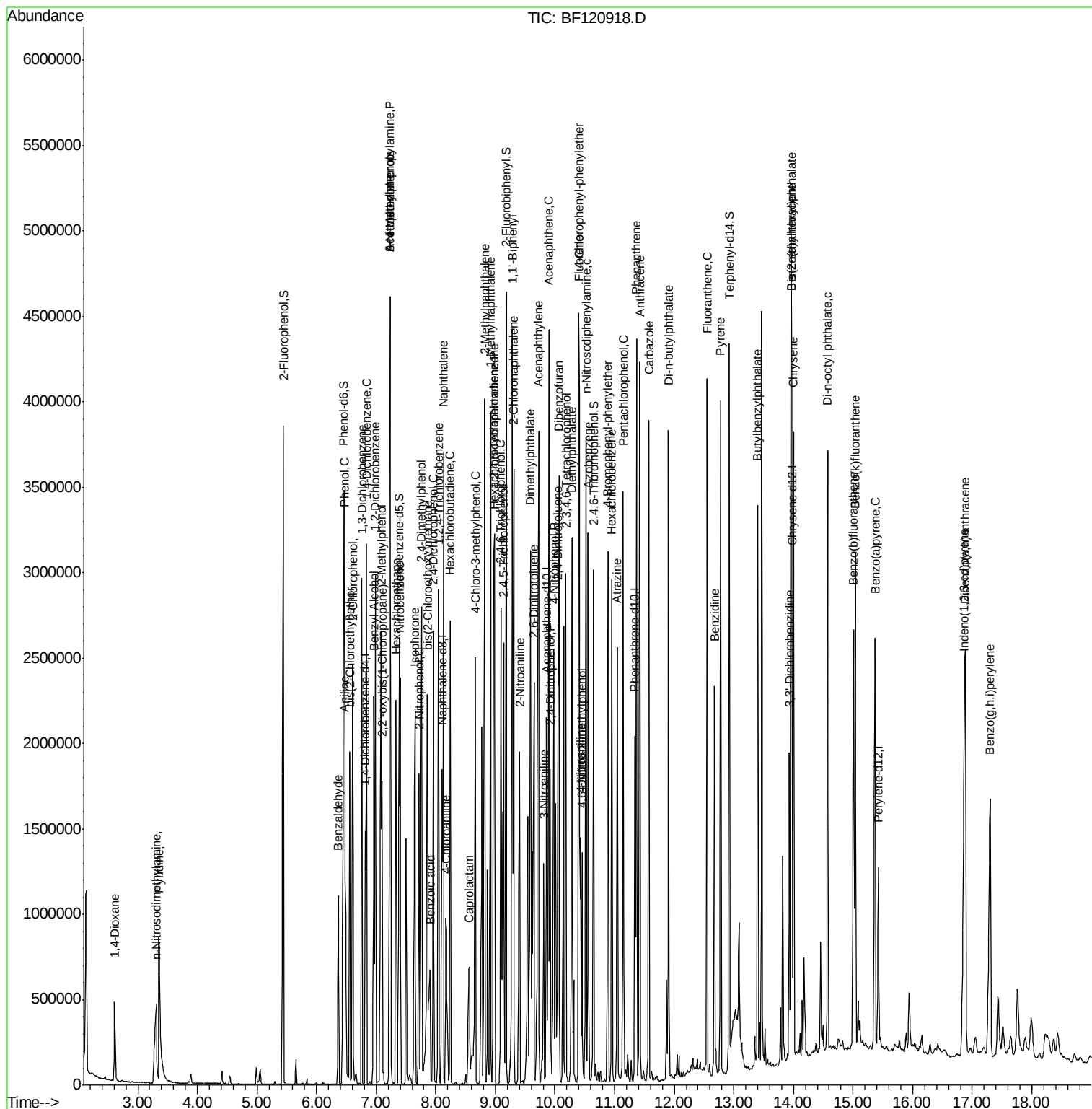
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Sample    : L3308-24MS  
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Instrument :
BNA_F
ClientSampleId :
24MS

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#1

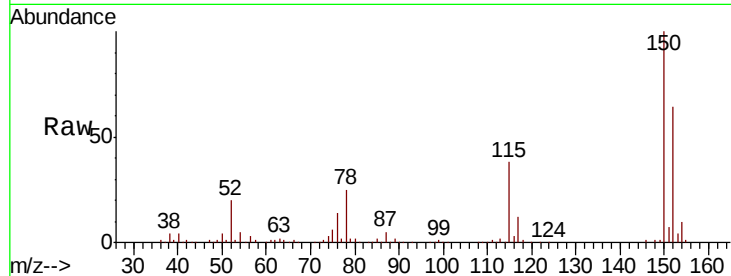
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.0	187.6
115	59.7	47.0	70.4

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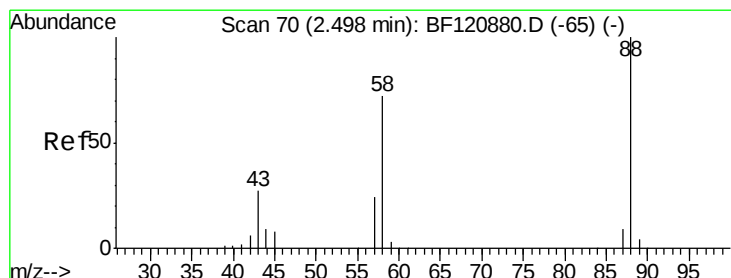
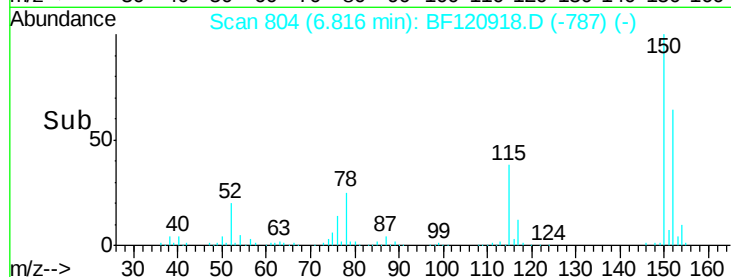
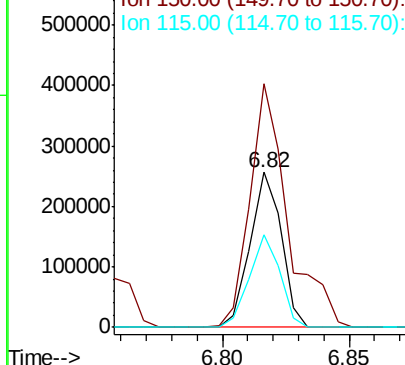


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

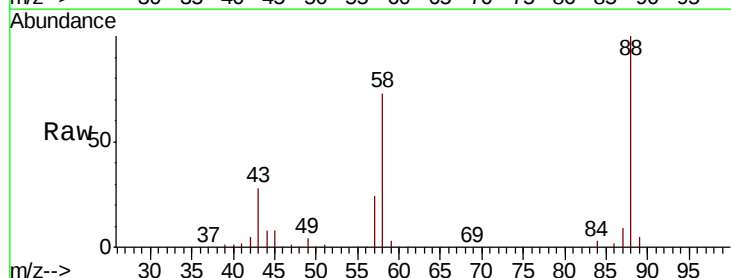
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.095 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.11 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.2	87.2
43	27.5	22.1	33.1

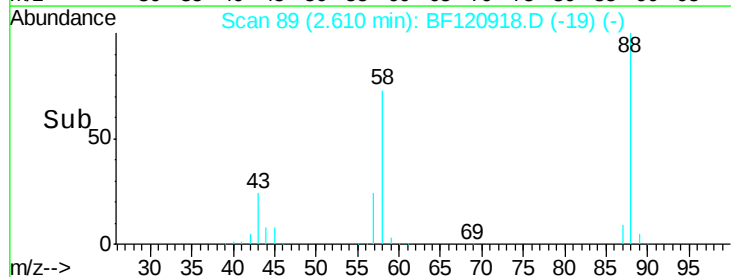
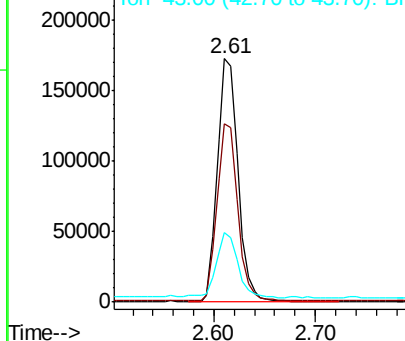


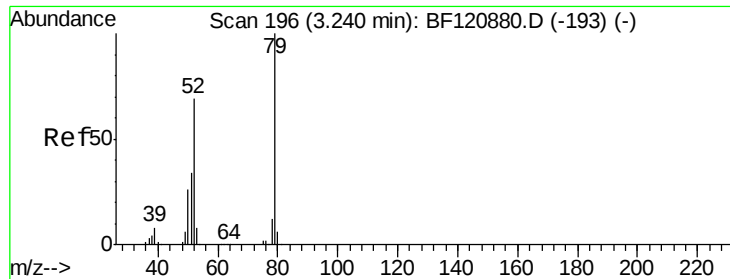
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





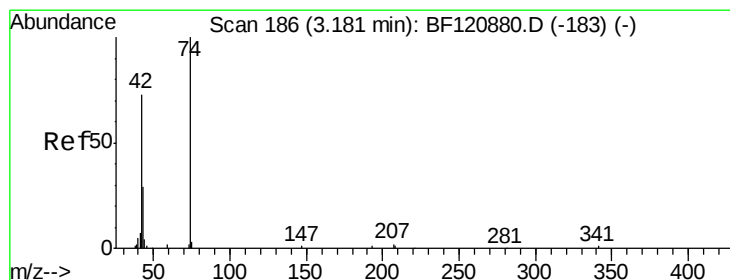
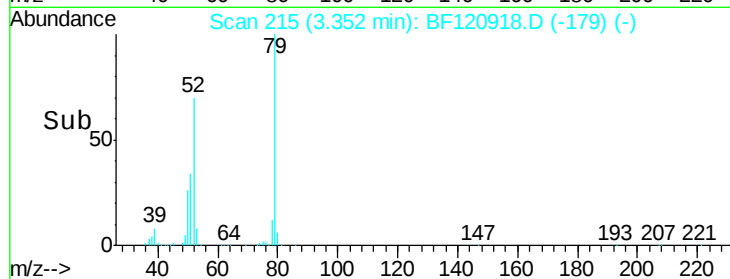
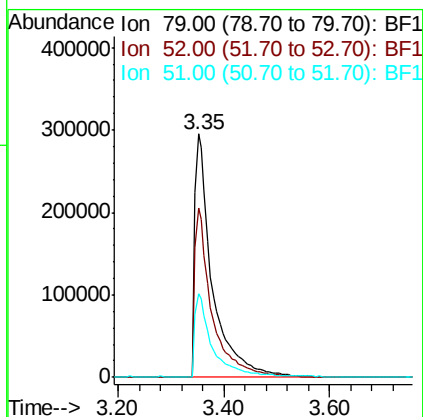
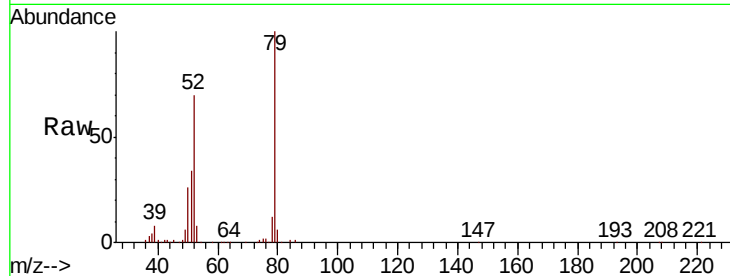
#3
 Pvridine
 Concen: 41.620 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.11 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	55.0	82.6
51	34.3	26.9	40.3

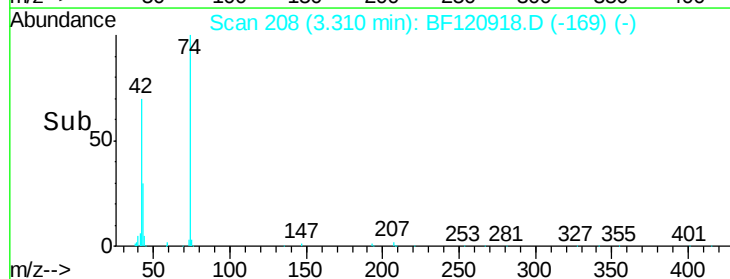
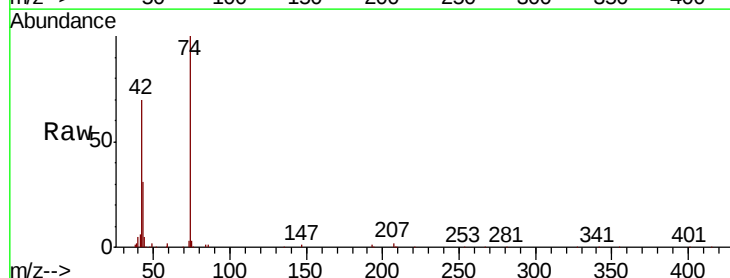
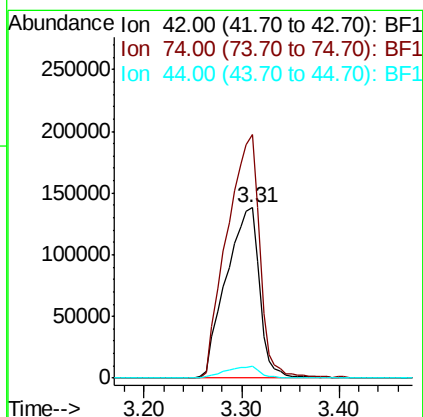
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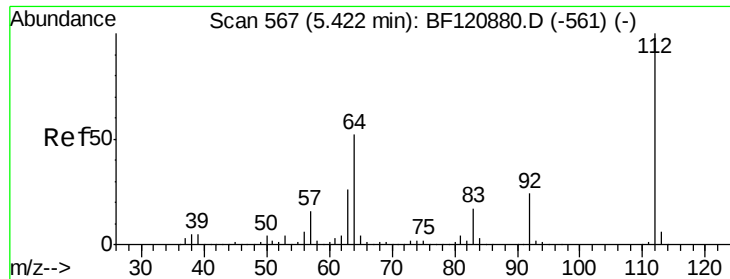
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#4
 n-Nitrosodimethylamine
 Concen: 46.591 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.13 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.0	108.7	163.1
44	7.3	5.2	7.8





#5

2-Fluorophenol

Concen: 95.617 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

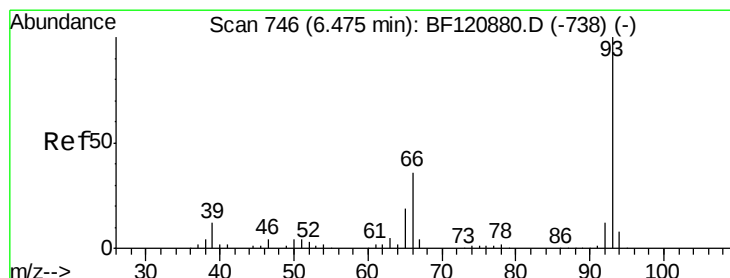
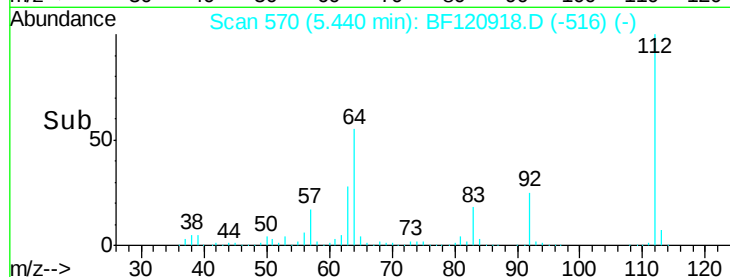
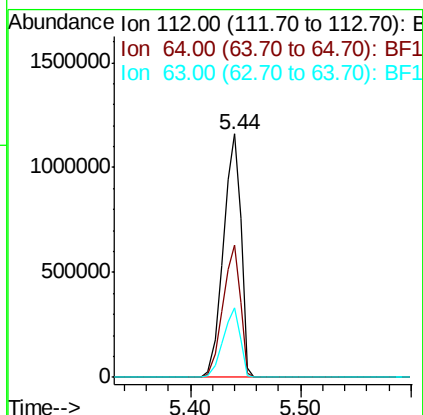
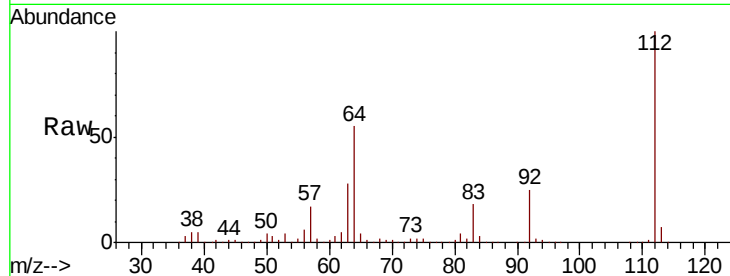
ClientSampleId :

24MS

Tot Ion:	112	Resp:	1290096
Ion	Ratio	Lower	Upper
112	100		
64	54.6	41.3	61.9
63	28.4	21.1	31.7

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#6

Aniline

Concen: 29.083 ng

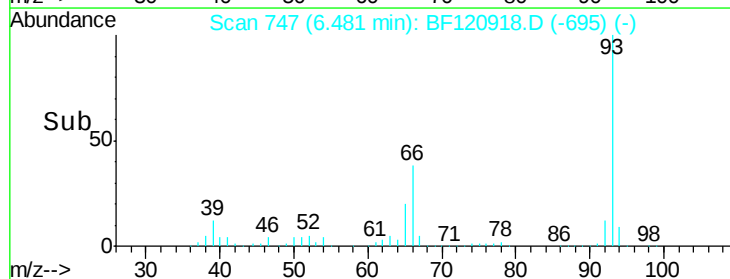
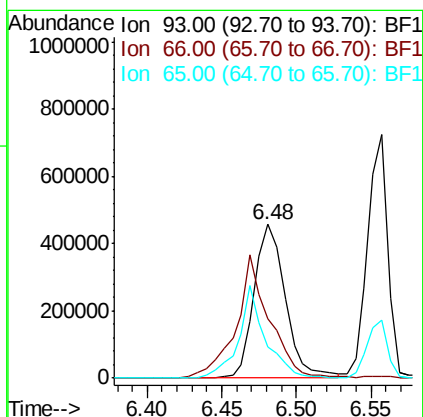
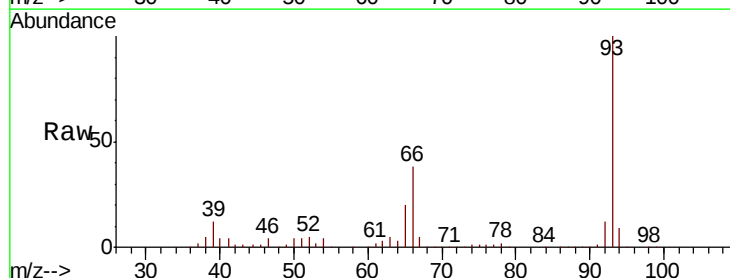
RT: 6.48 min Scan# 747

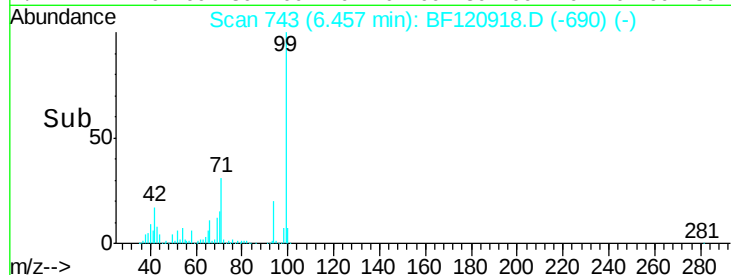
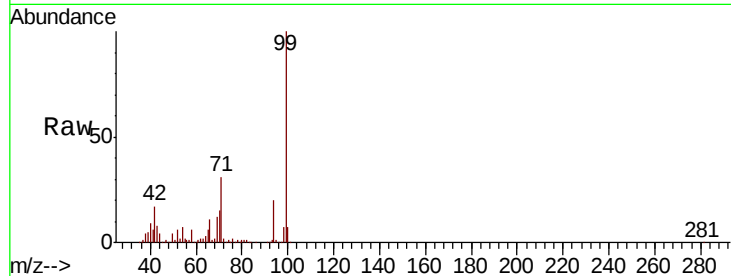
Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	93	Resp:	661656
Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.2	45.4
65	19.9	15.8	23.6





#7

Phenol-d6

Concen: 93.431 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tot Ion: 99 Resp: 1628375

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.1 24.2 36.4

Instrument :

BNA_F

ClientSampled :

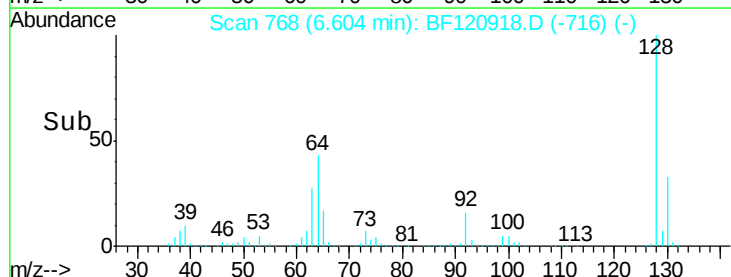
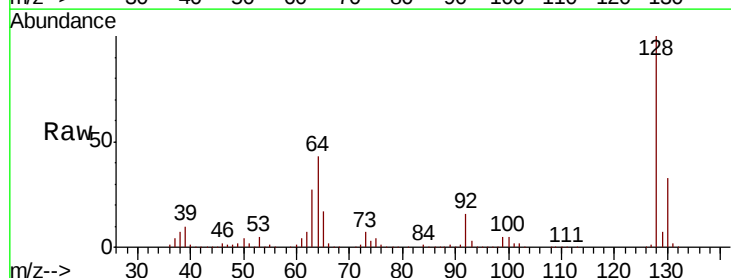
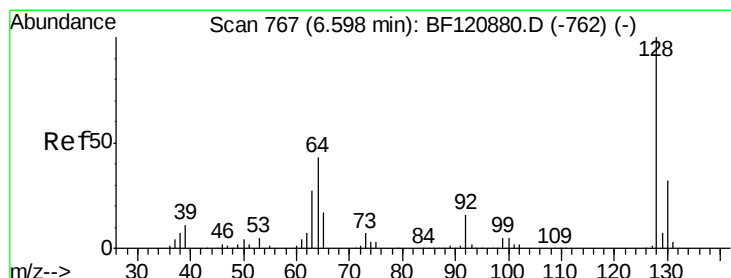
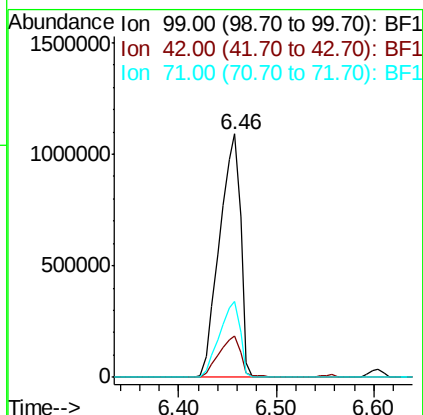
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#8

2-Chlorophenol

Concen: 47.789 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

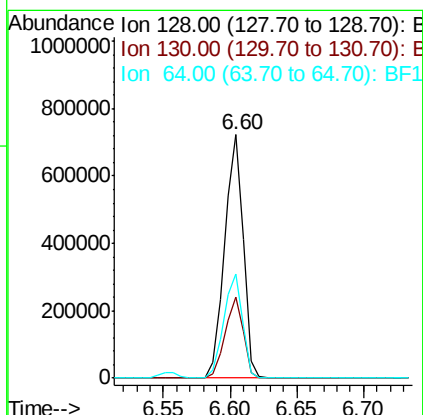
Tgt Ion: 128 Resp: 710324

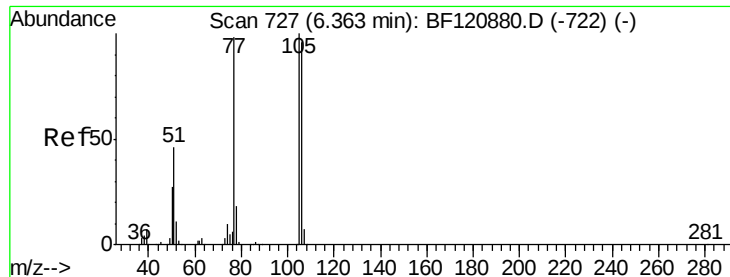
Ion Ratio Lower Upper

128 100

130 33.3 12.1 52.1

64 43.0 24.0 64.0





#9

Benzaldehyde

Concen: 19.944 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

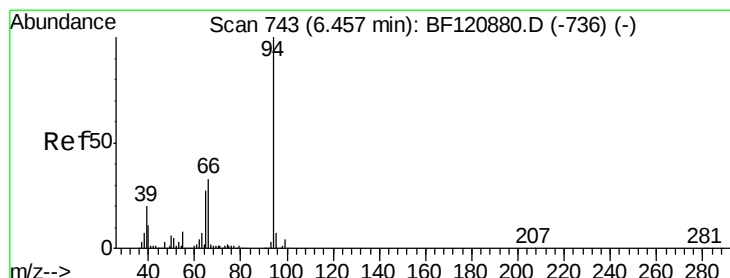
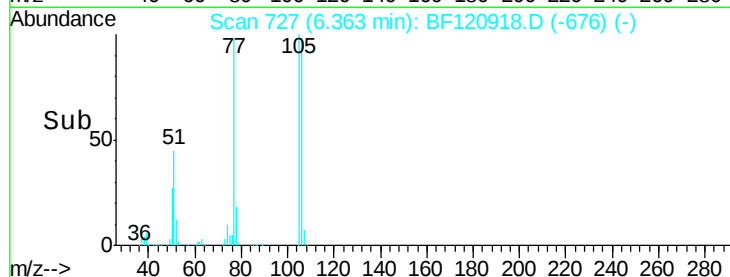
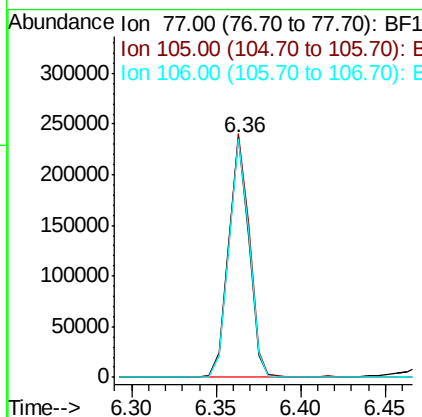
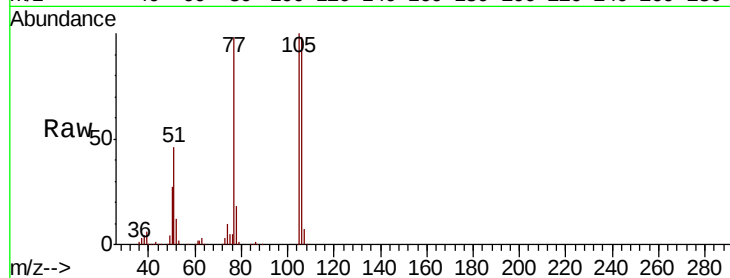
ClientSampleId :

24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	82.5	122.5		
106	99.6	78.7	118.7		

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#10

Phenol

Concen: 43.407 ng

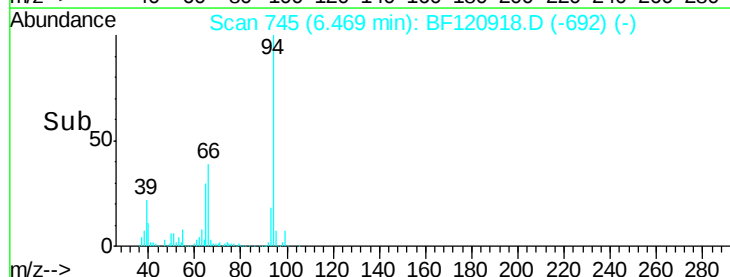
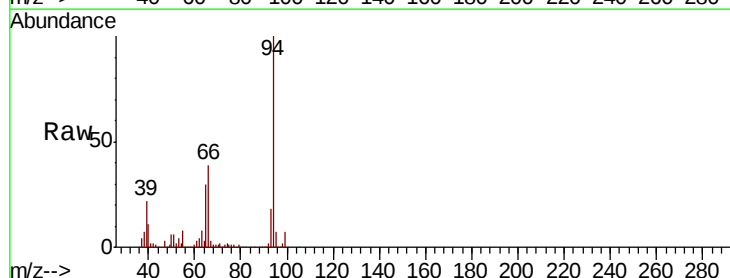
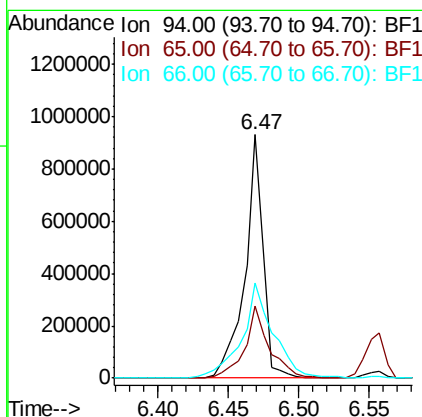
RT: 6.47 min Scan# 745

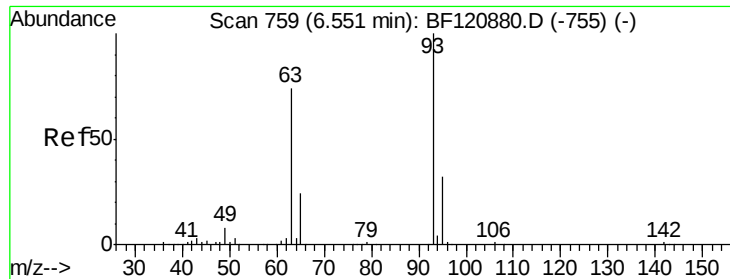
Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.6	6.6	46.6		
66	39.2	13.2	53.2		





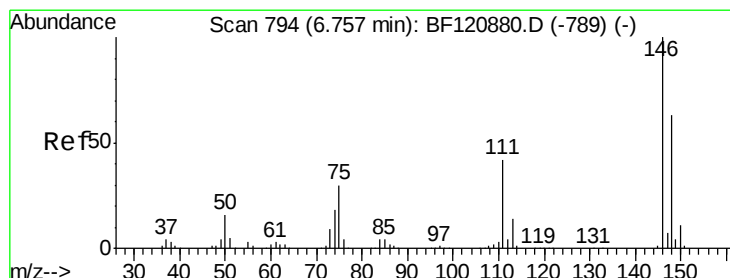
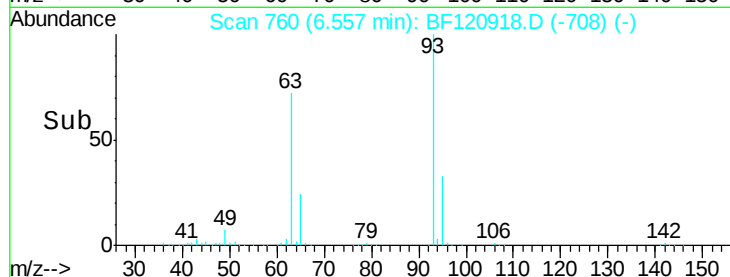
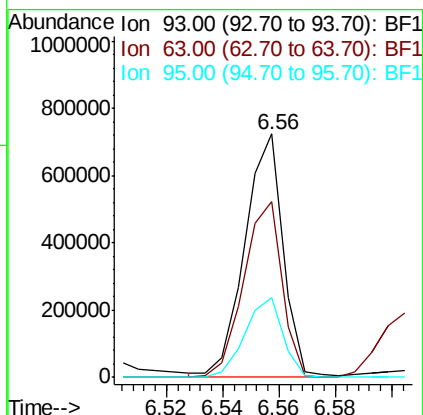
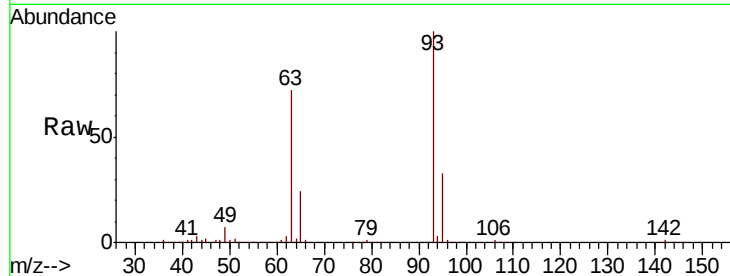
#11
bis(2-Chloroethyl)ether
Concen: 46.570 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:	93	Resp:	684261
Ion	Ratio	Lower	Upper
93	100		
63	72.4	54.2	94.2
95	33.0	12.2	52.2

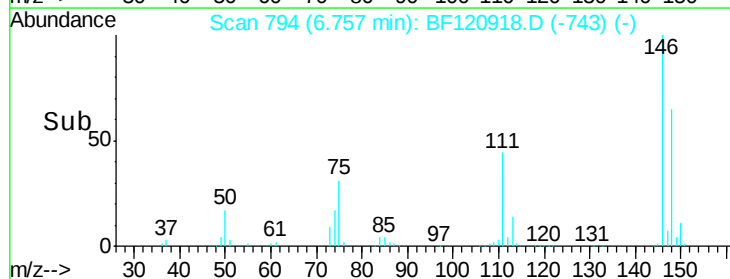
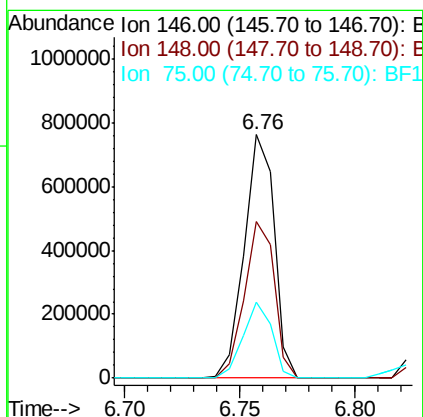
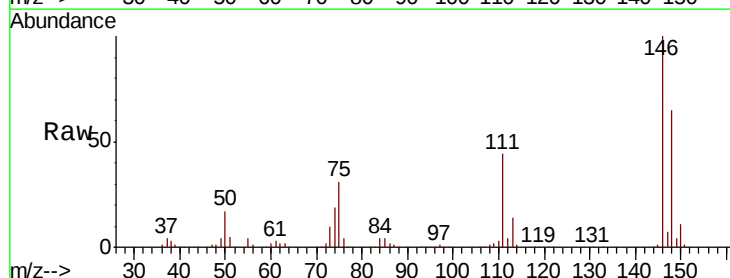
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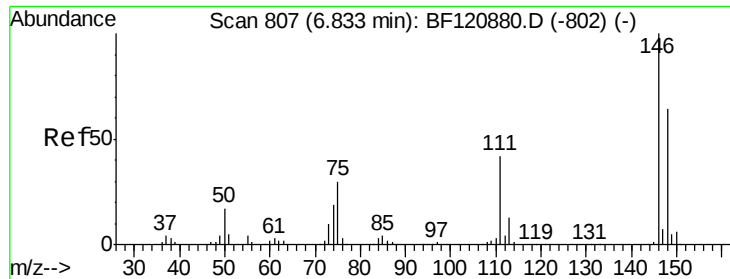
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.256 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:	146	Resp:	697170
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	31.3	24.1	36.1





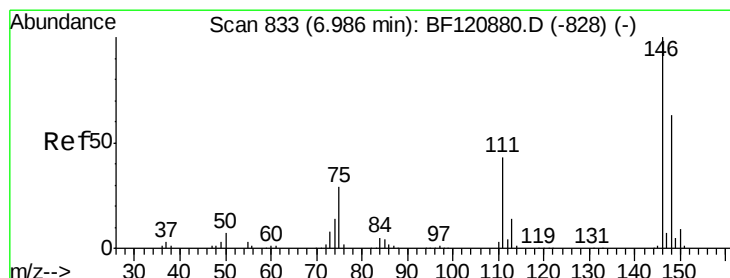
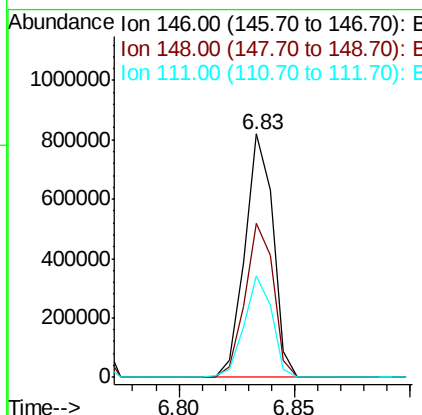
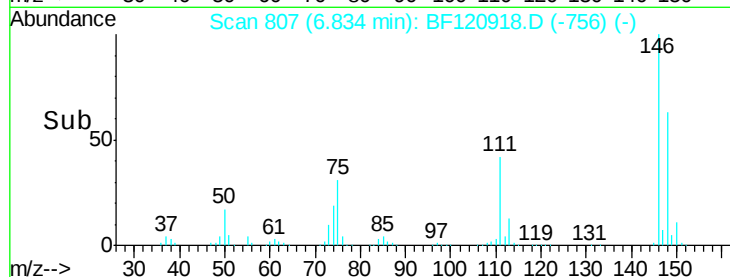
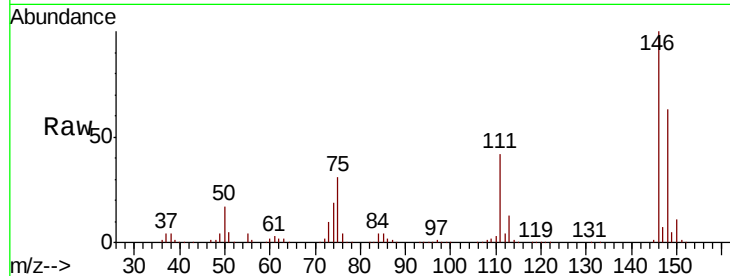
#13
1,4-Dichlorobenzene
Concen: 43.726 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	41.9	33.5	50.3

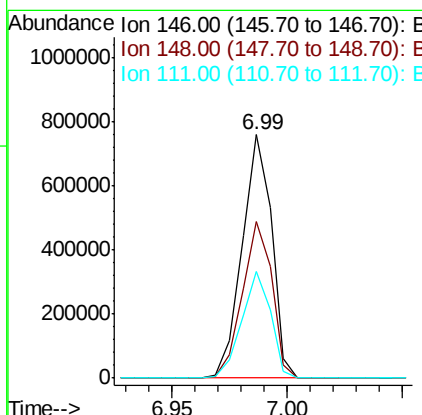
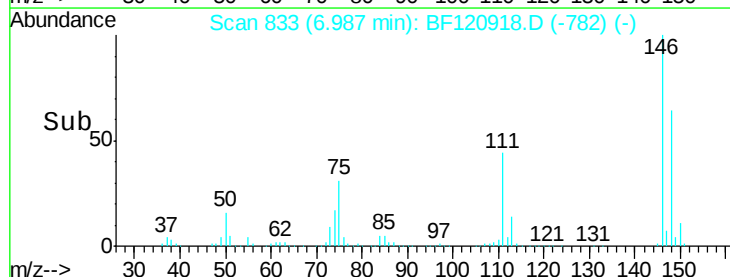
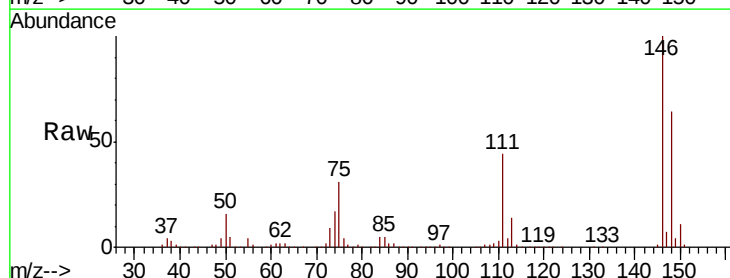
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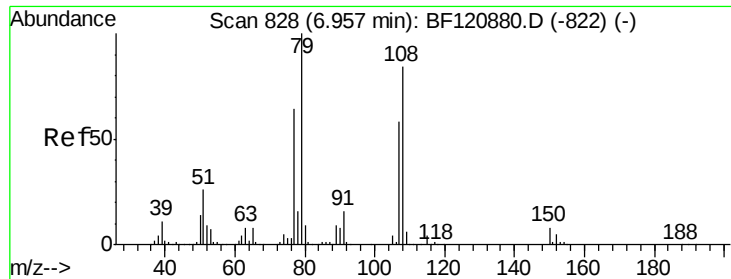
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.000 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	43.6	34.2	51.2





#15

Benzyl Alcohol

Concen: 45.467 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

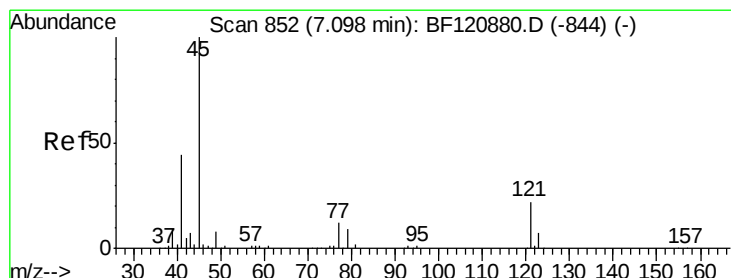
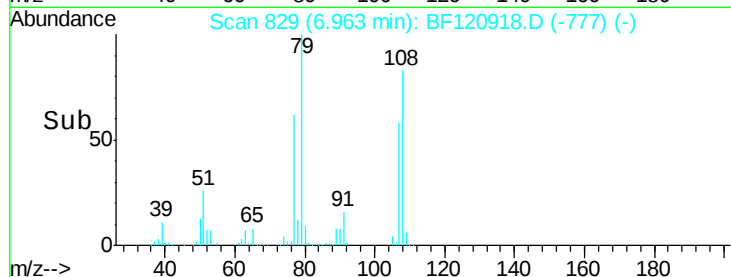
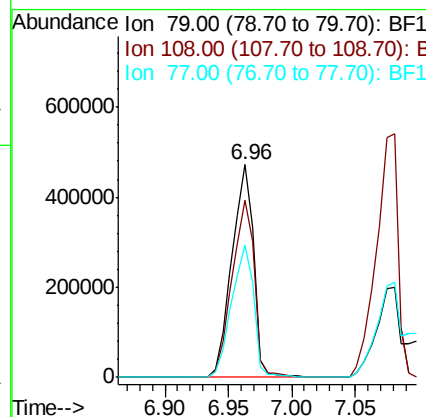
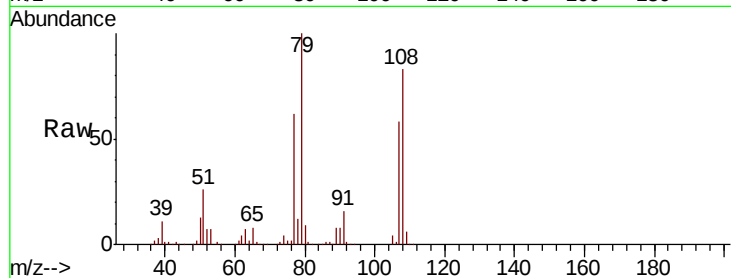
ClientSampleId :

24MS

Tot Ion:	79	Resp:	560395
Ion Ratio	Lower	Upper	
79	100		
108	83.2	67.0	100.6
77	62.2	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.224 ng

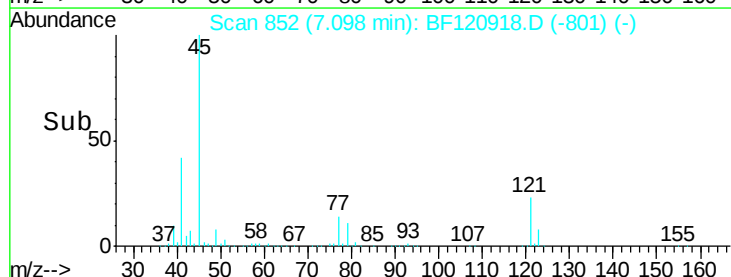
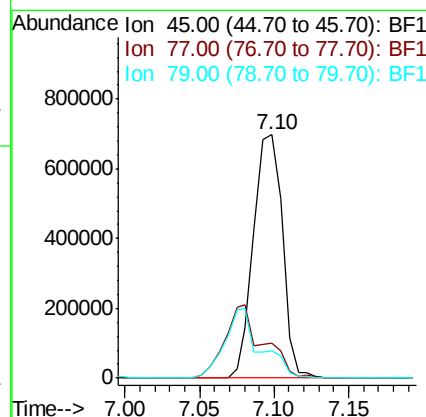
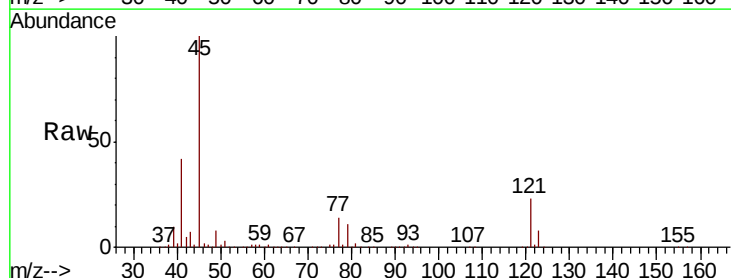
RT: 7.10 min Scan# 852

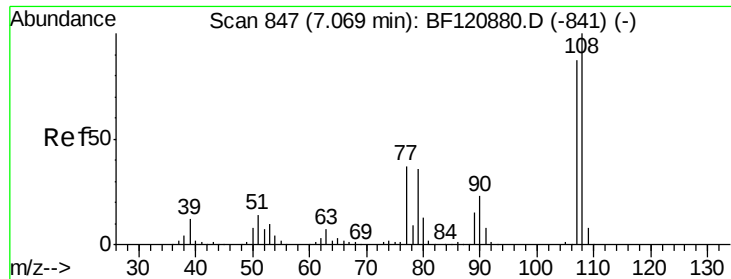
Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	45	Resp:	936574
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	34.3
79	11.3	0.0	31.0





#17

2-Methylphenol

Concen: 42.572 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

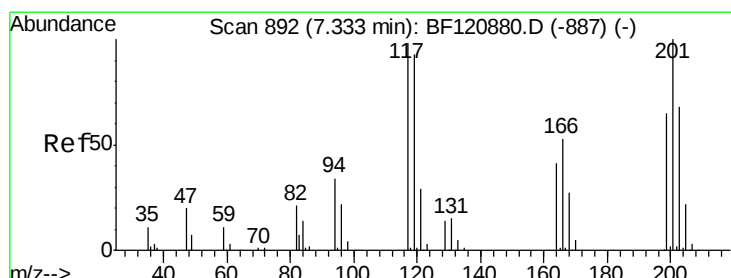
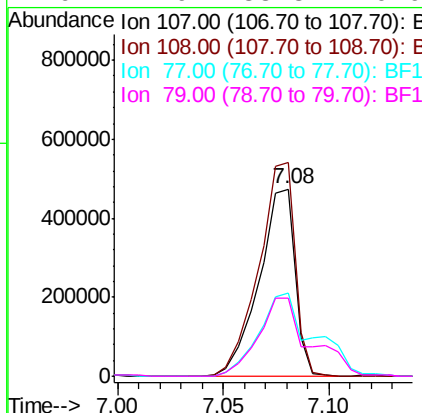
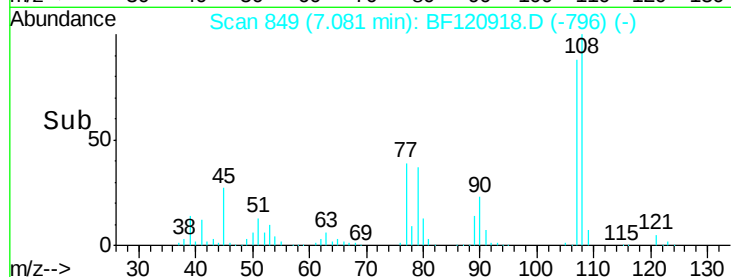
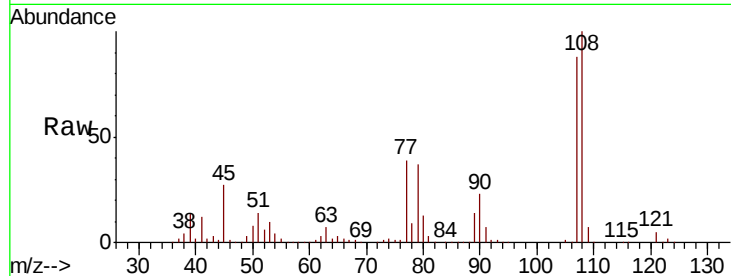
ClientSampleId :

24MS

Tot Ion:	107	Resp:	560847
Ion Ratio	Lower	Upper	
107	100		
108	114.0	92.0	138.0
77	44.5	34.0	51.0
79	41.9	33.3	49.9

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#18

Hexachloroethane

Concen: 44.557 ng

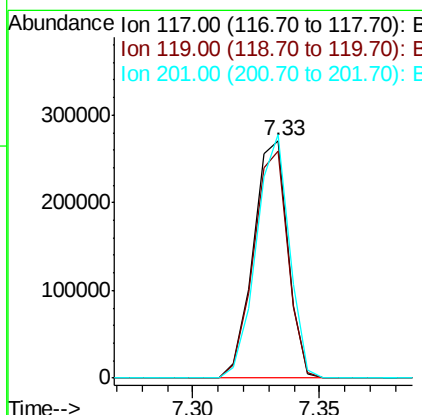
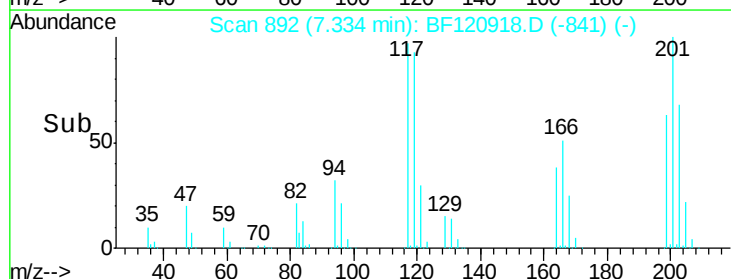
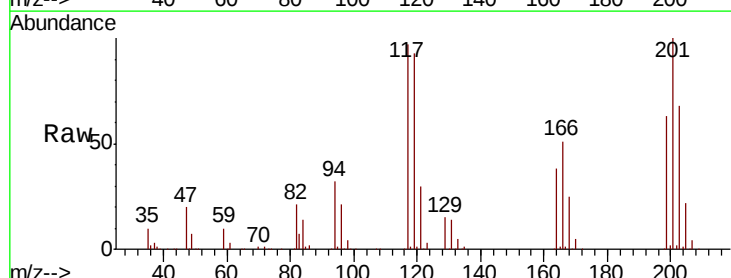
RT: 7.33 min Scan# 892

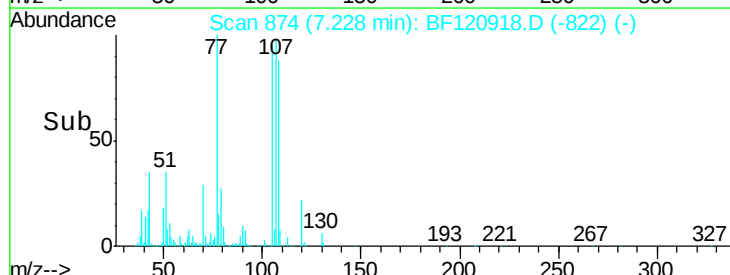
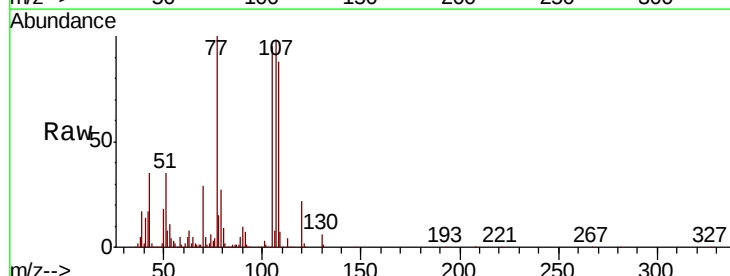
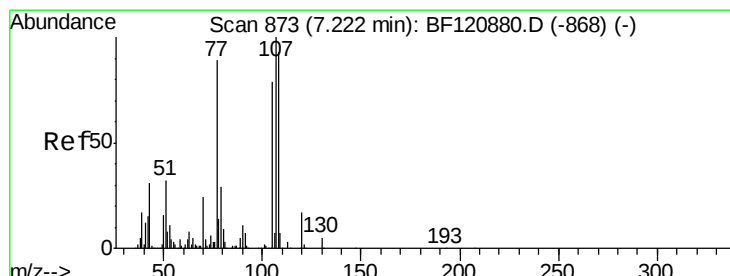
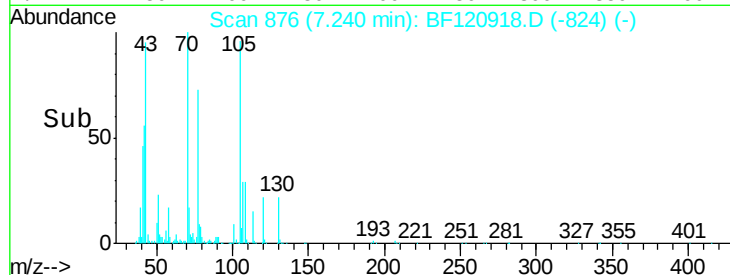
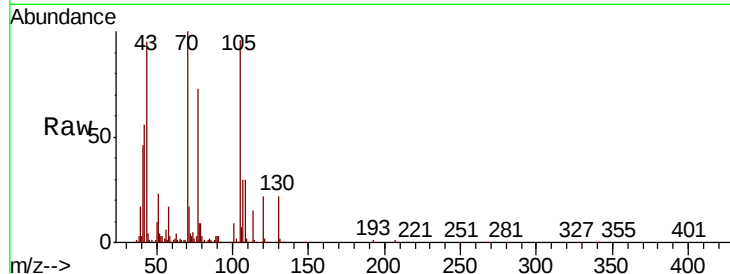
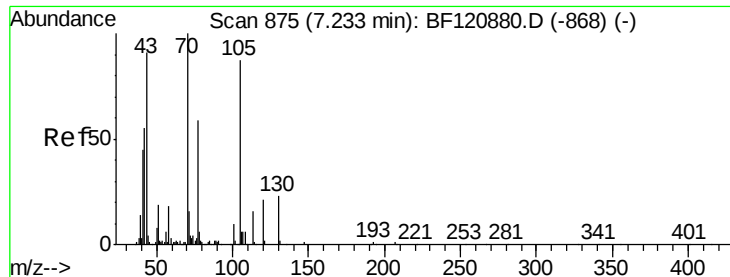
Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	117	Resp:	258458
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.0	114.0
201	102.6	81.7	122.5





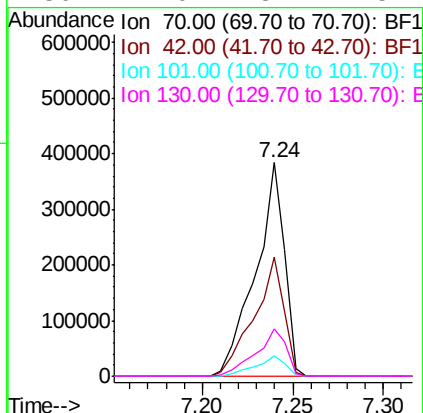
#19
n-Nitroso-di-n-propylamine
Concen: 43.232 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.0	66.0
101	9.4	7.8	11.6
130	22.0	18.7	28.1

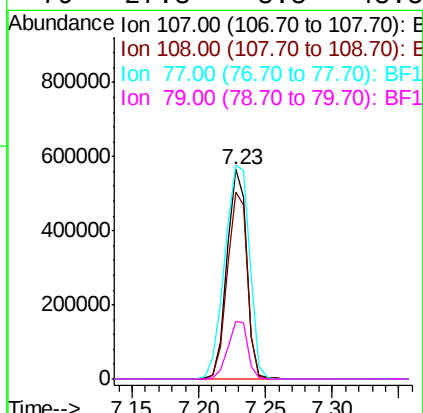
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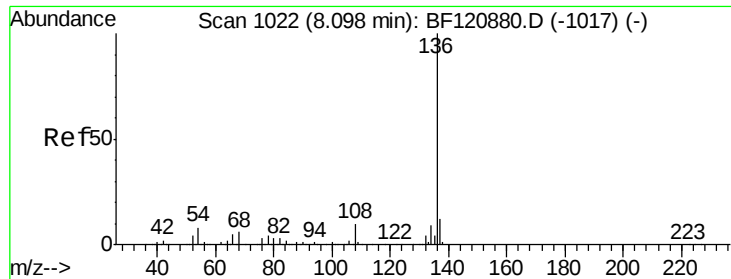
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#20
3+4-Methylphenols
Concen: 35.125 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.8	112.8
77	102.0	68.7	108.7
79	27.3	8.5	48.5





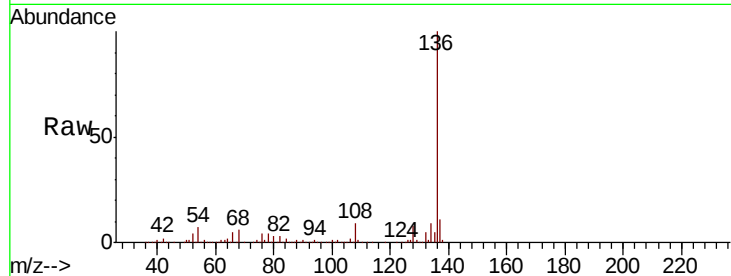
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

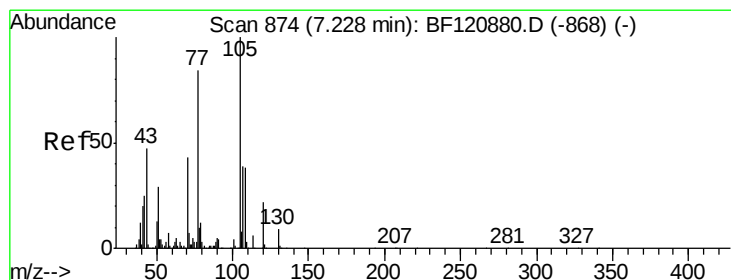
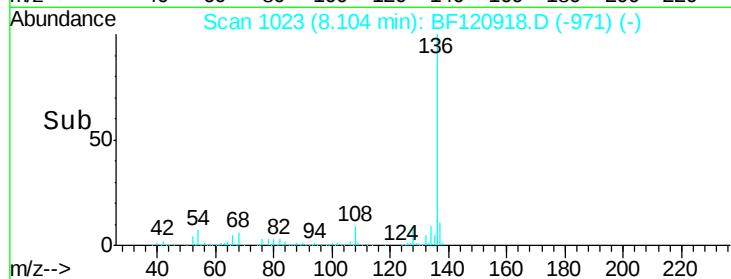
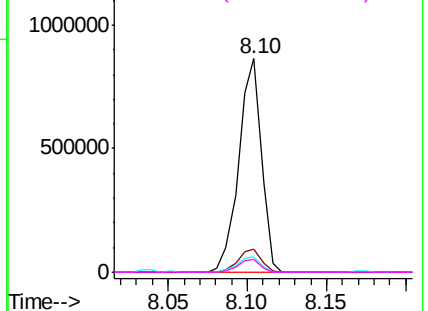
Tot Ion	Ratio	Resp	Lower	Upper
136	100	850807		
137	11.0		9.3	13.9
54	7.0		6.3	9.5
68	5.8		5.0	7.4

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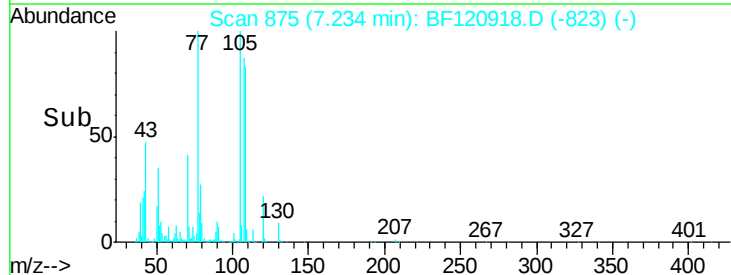
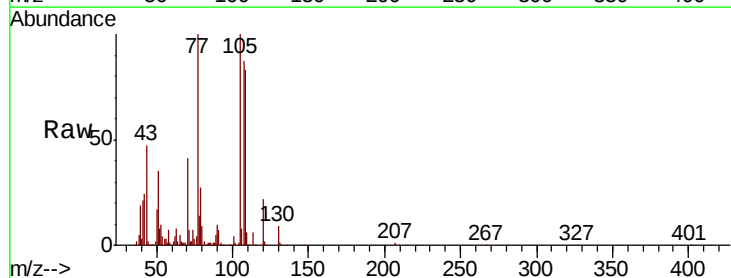
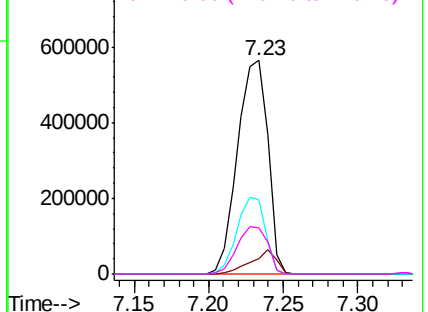
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

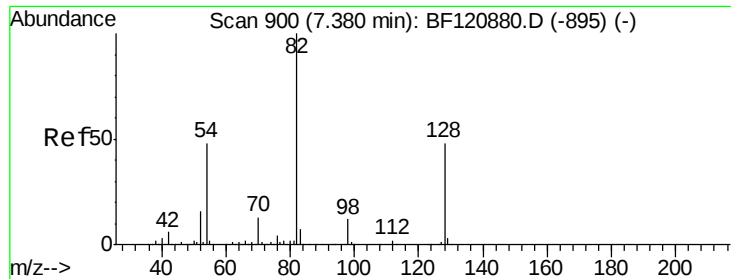


#22
Acetophenone
Concen: 41.749 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	797184		
71	6.9		5.7	8.5
51	34.7		22.9	34.3#
120	21.9		18.0	27.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





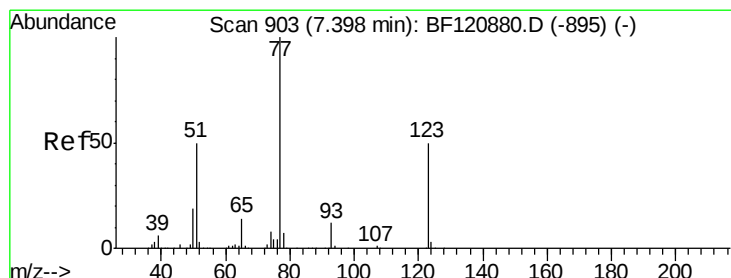
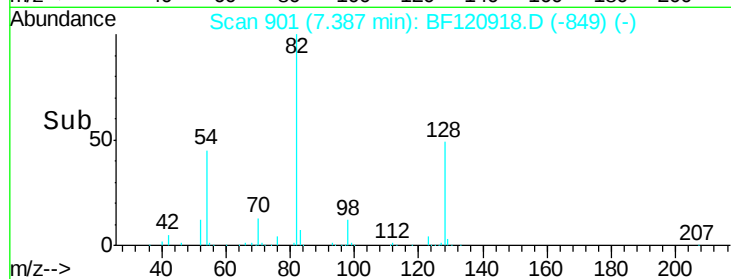
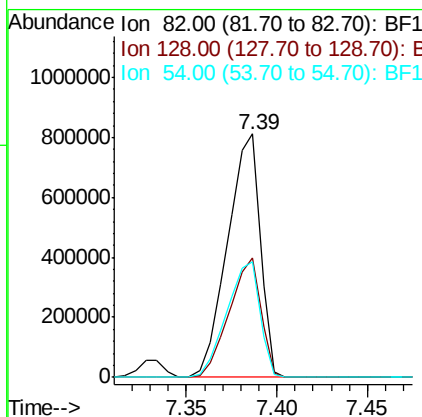
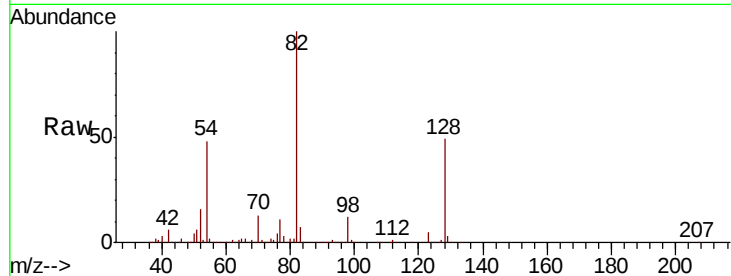
#23
Nitrobenzene-d5
Concen: 69.150 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	82	Resp	1016773
Ion Ratio	100	Lower	Upper
82	100		
128	49.1	38.2	57.4
54	47.6	38.7	58.1

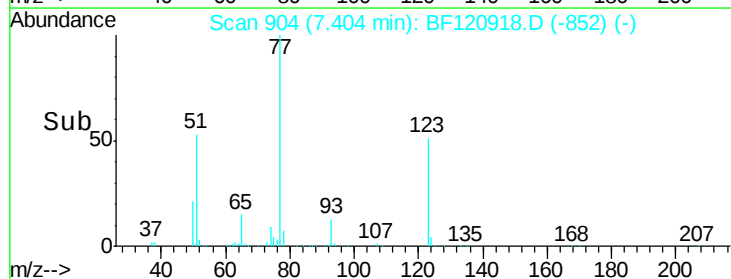
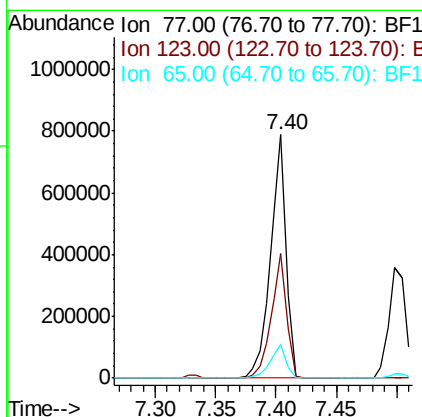
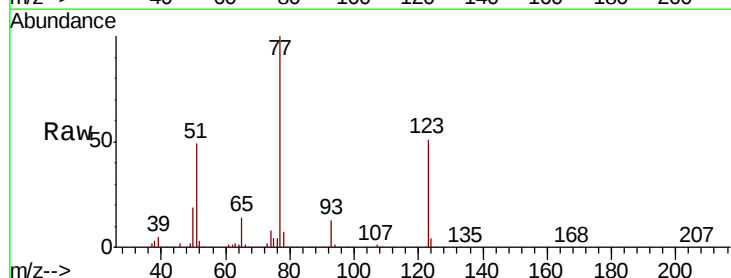
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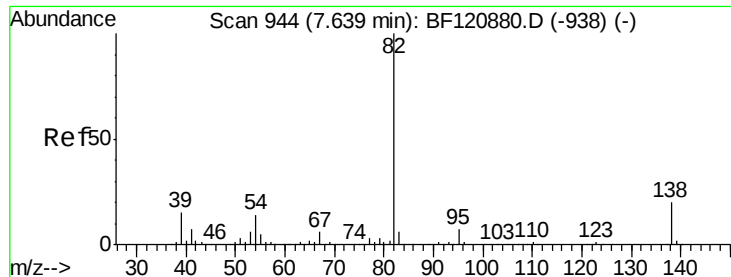
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#24
Nitrobenzene
Concen: 44.015 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	77	Resp	697540
Ion Ratio	100	Lower	Upper
77	100		
123	51.0	40.1	60.1
65	13.6	10.8	16.2





#25

Isophorone

Concen: 44.696 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

Tot Ion: 82 Resp: 1311640

Ion Ratio Lower Upper

82 100

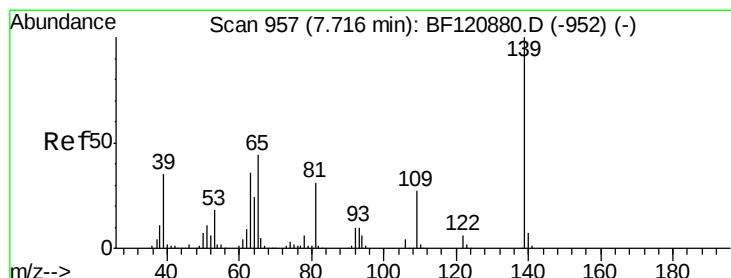
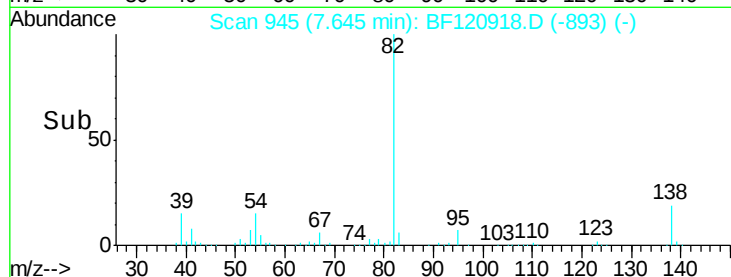
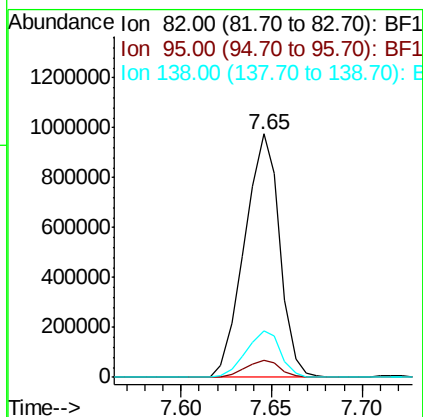
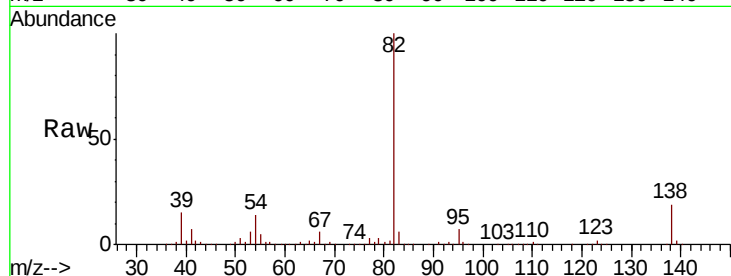
95 6.9 5.5 8.3

138 19.1 15.6 23.4

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#26

2-Nitrophenol

Concen: 50.389 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

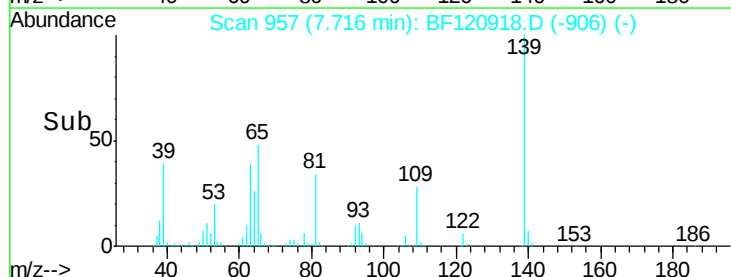
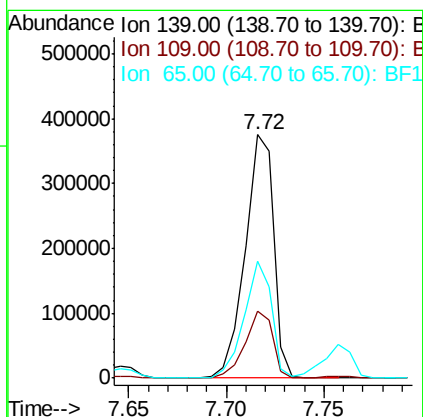
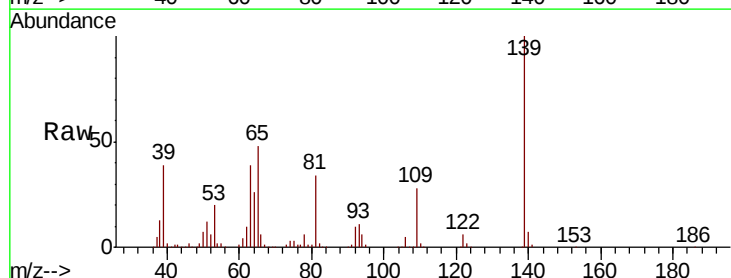
Tgt Ion: 139 Resp: 379263

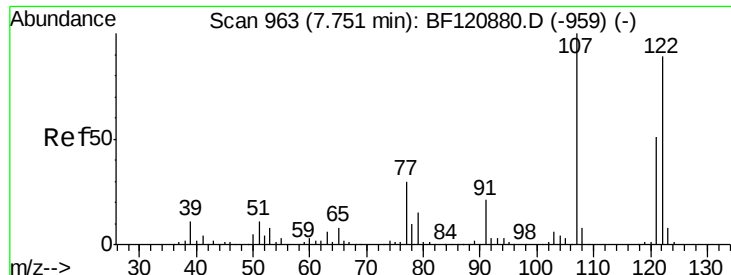
Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

65 48.2 35.3 52.9





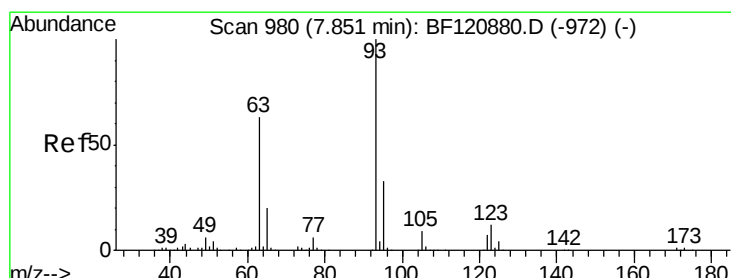
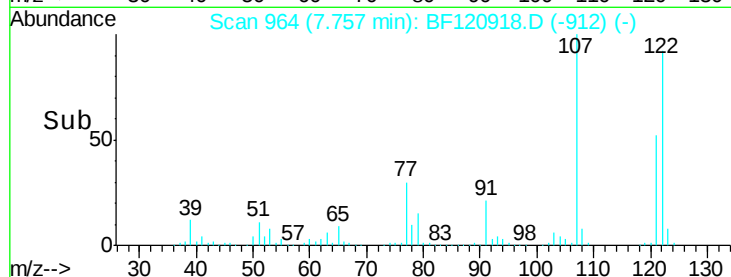
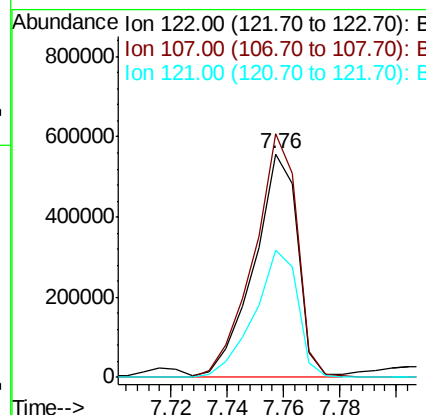
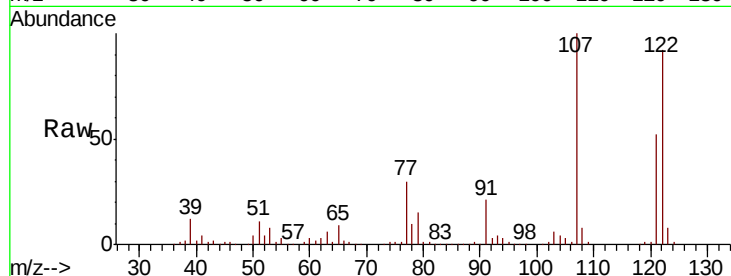
#27
2,4-Dimethylphenol
Concen: 49.206 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.4	134.0
121	57.0	46.0	69.0

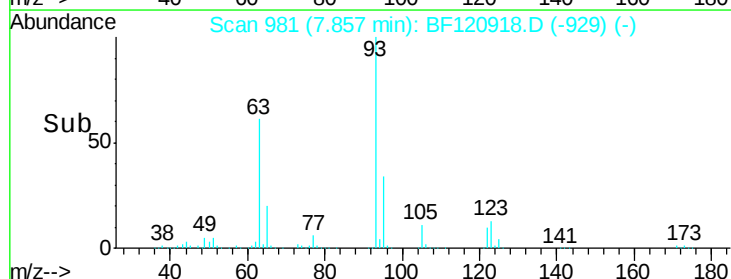
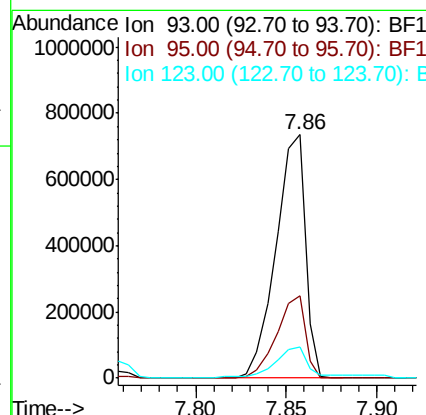
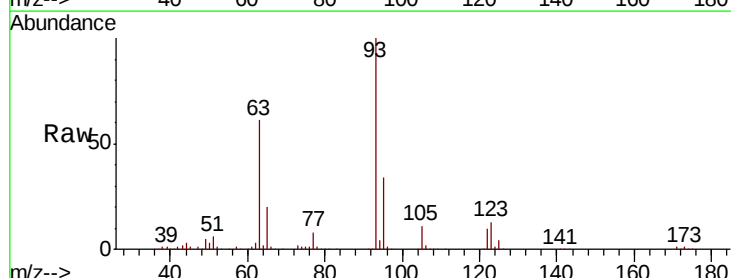
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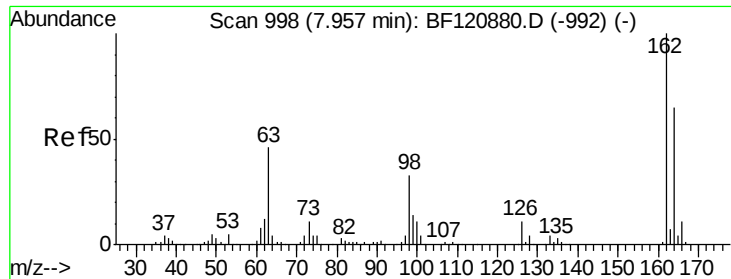
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.558 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	39.8
123	12.8	10.0	15.0





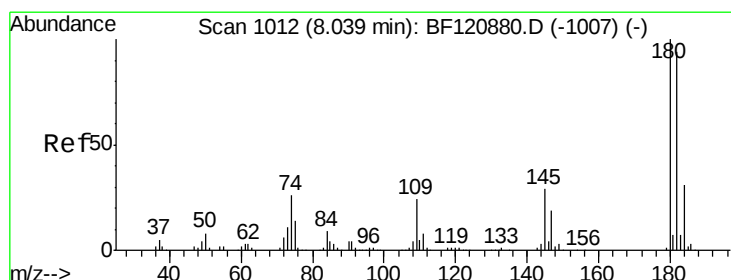
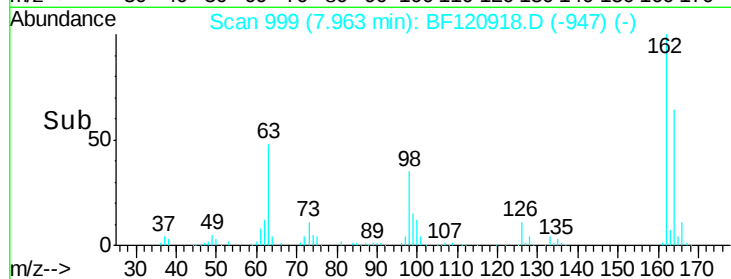
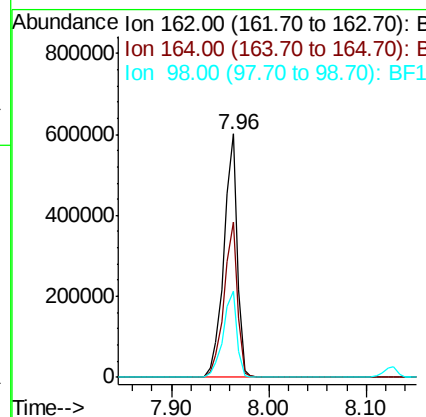
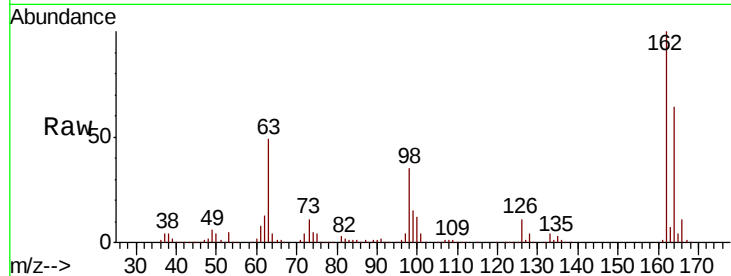
#29
2,4-Dichlorophenol
Concen: 46.138 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	45.3	85.3
98	35.4	13.3	53.3

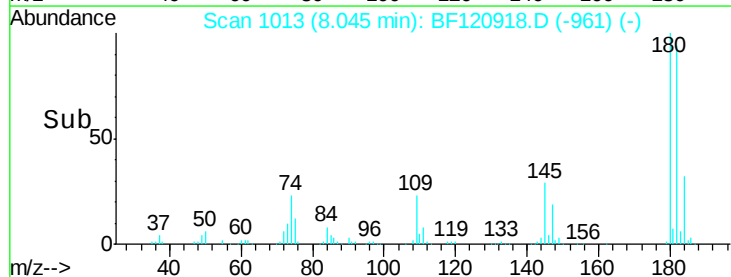
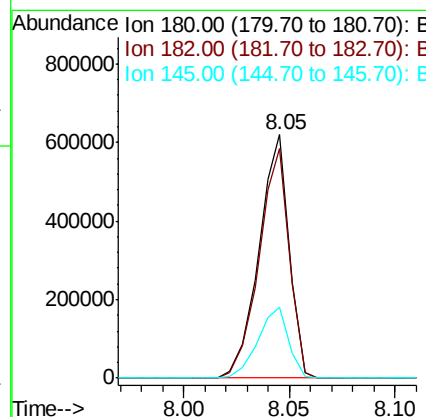
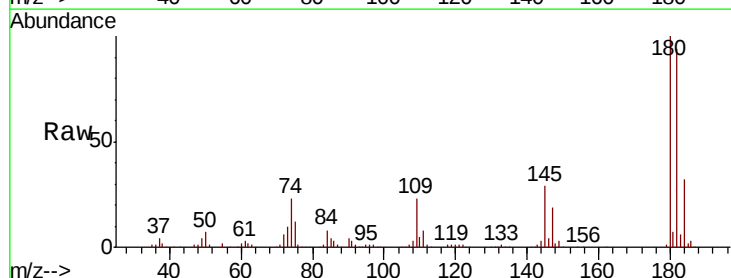
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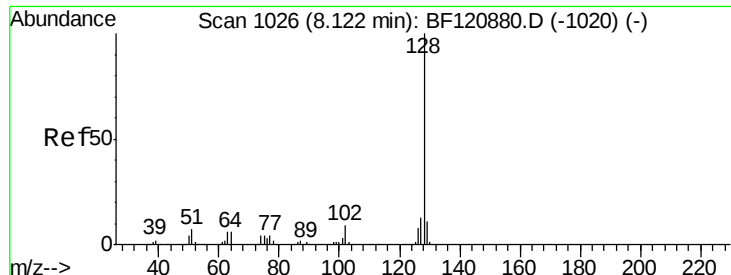
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#30
1,2,4-Trichlorobenzene
Concen: 44.298 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	75.0	112.6
145	29.1	23.5	35.3





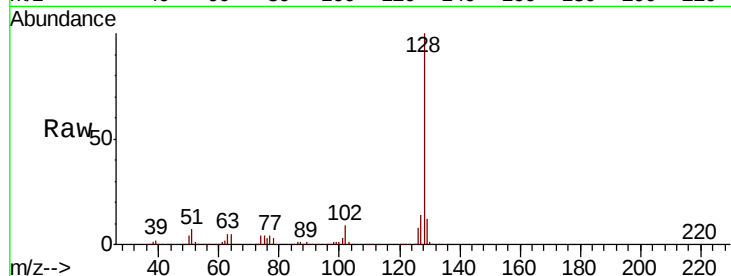
#31
Naphthalene
Concen: 42.498 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.7	16.1

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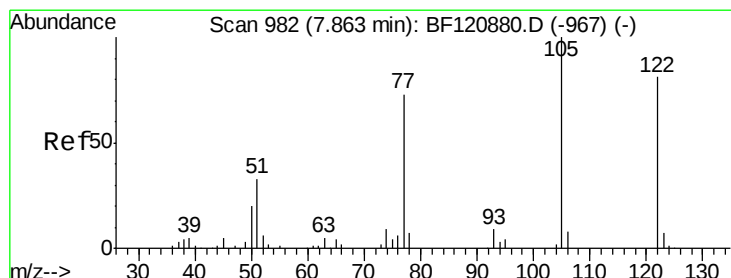
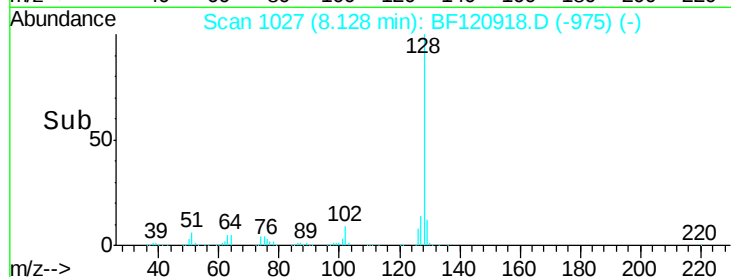
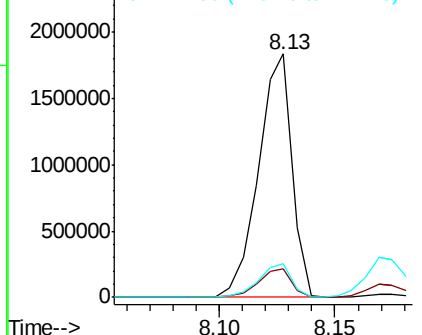


Abundance

Ion 128.00 (127.70 to 128.70): E

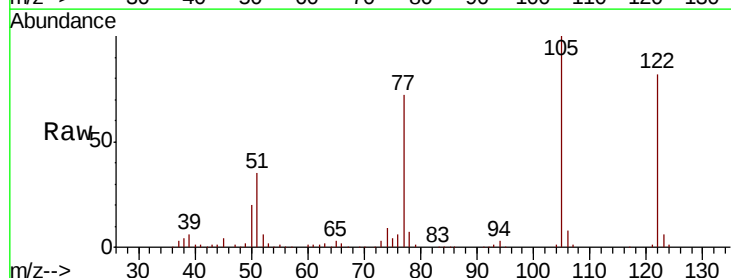
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 56.360 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	101.3	141.3
77	87.9	69.1	109.1

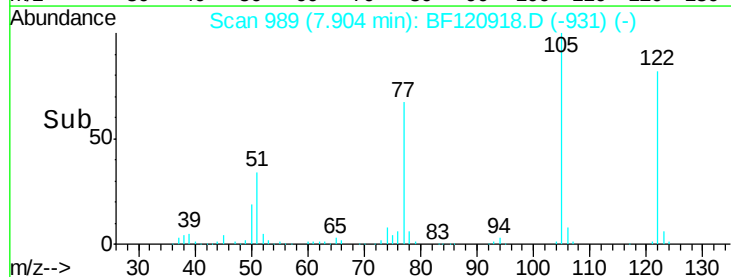
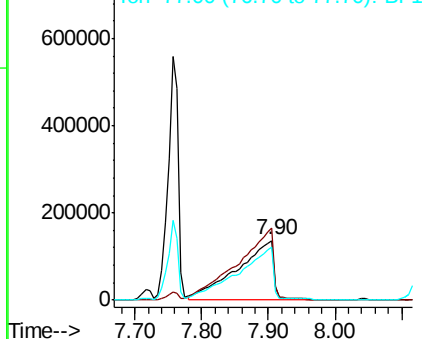


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





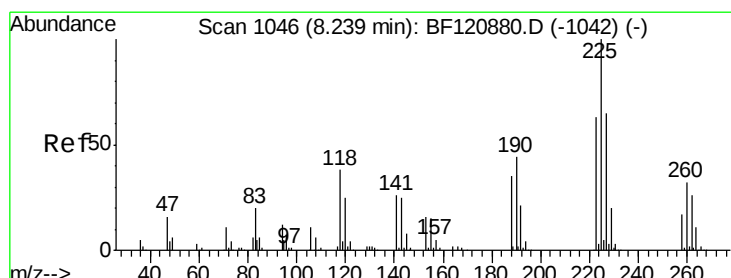
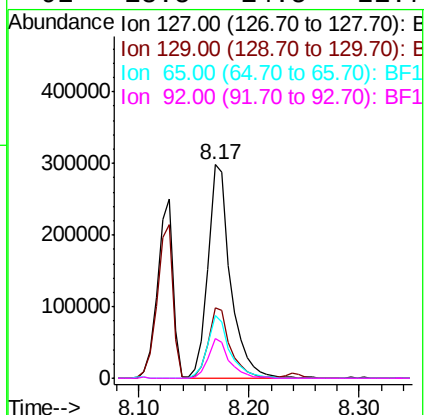
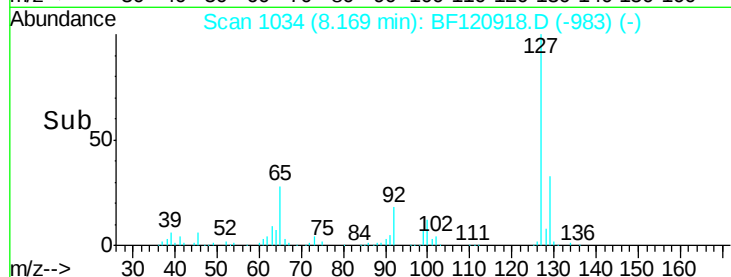
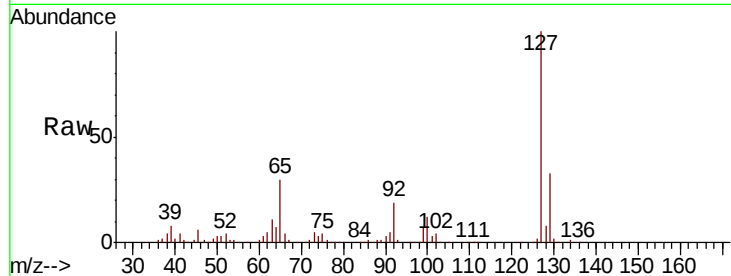
#33
4-Chloroaniline
Concen: 21.192 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		412588		
129	32.9	26.5	39.7		
65	29.6	23.0	34.4		
92	18.5	14.5	21.7		

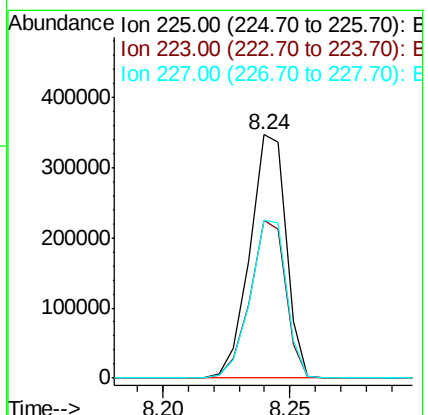
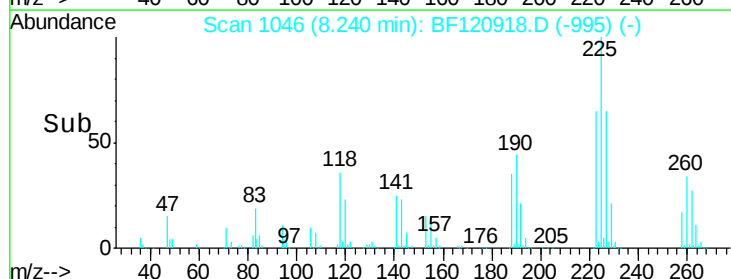
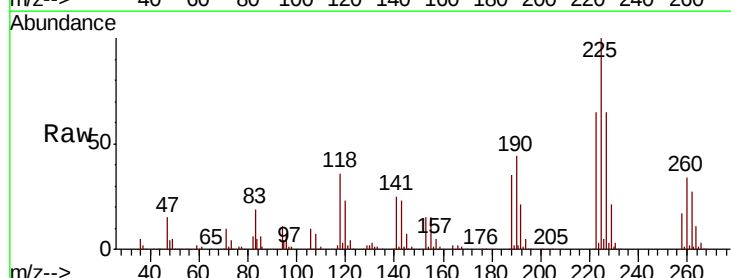
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#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		346524		
223	64.6	50.6	76.0		
227	65.0	52.2	78.2		





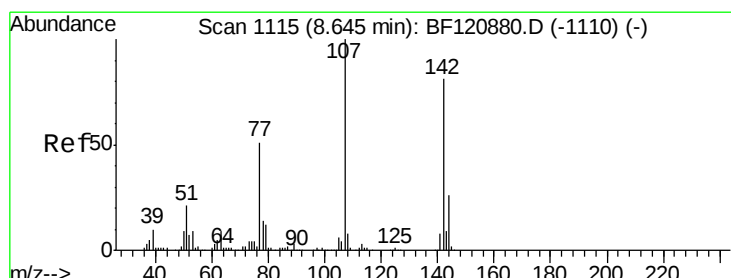
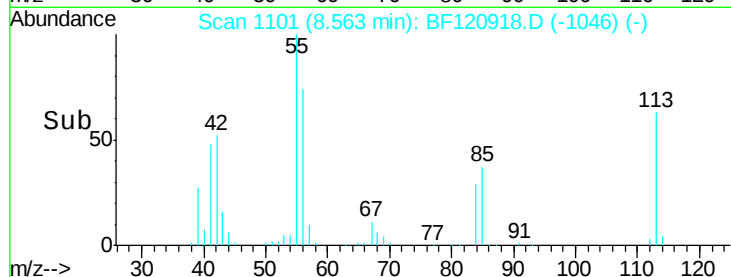
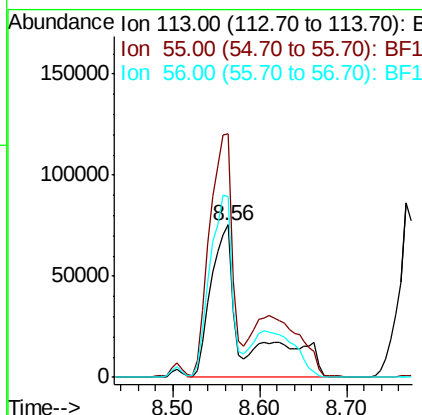
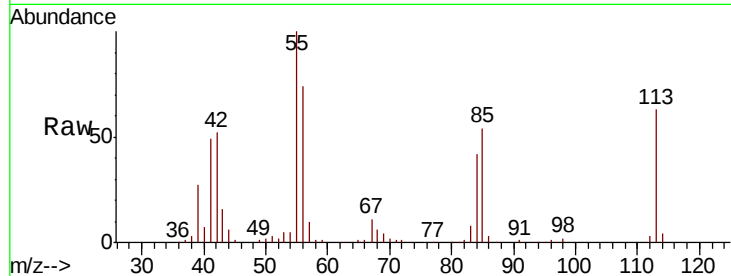
#35
Caprolactam
Concen: 52.373 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.7	143.3	183.3
56	118.2	99.4	139.4

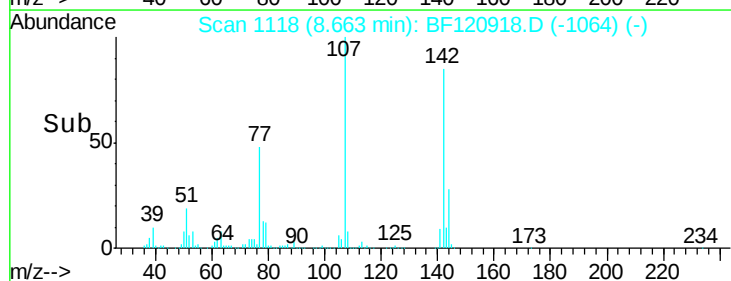
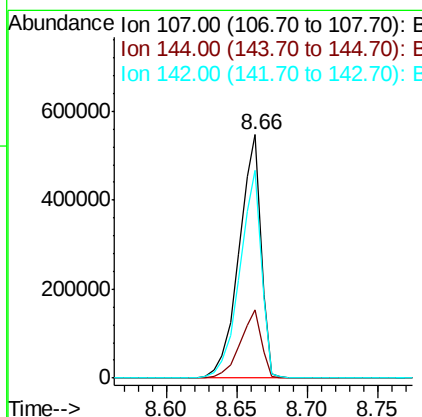
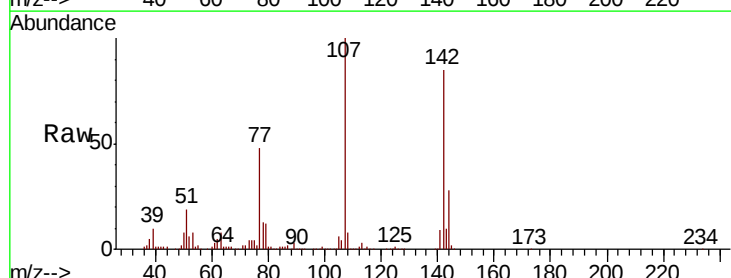
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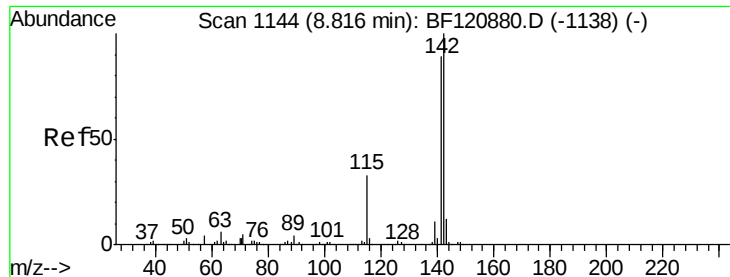
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.305 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.02 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.0	31.6
142	85.3	65.0	97.6





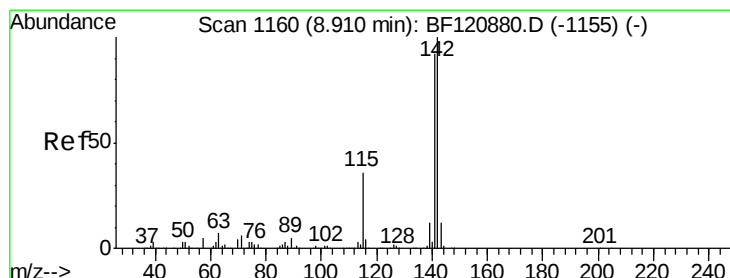
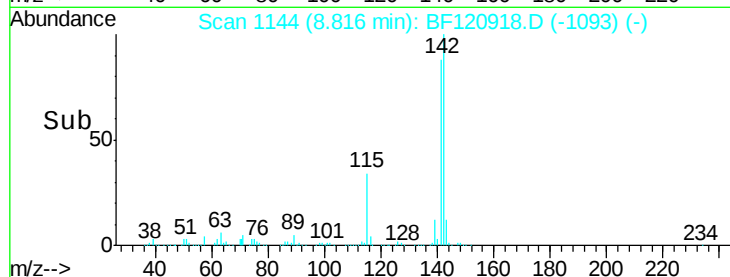
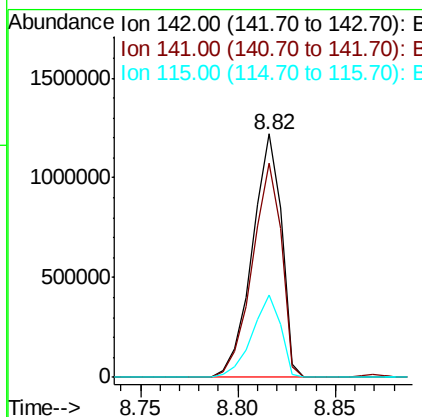
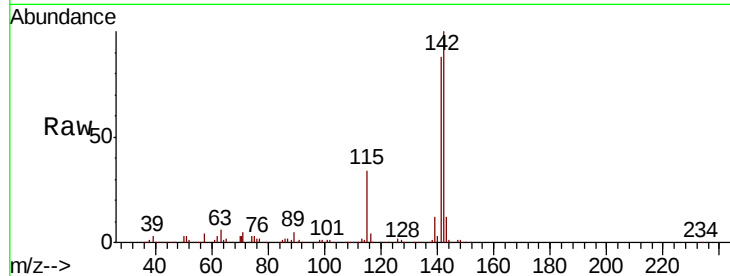
#37
2-Methylnaphthalene
Concen: 44.704 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4
115	33.7	26.0	39.0

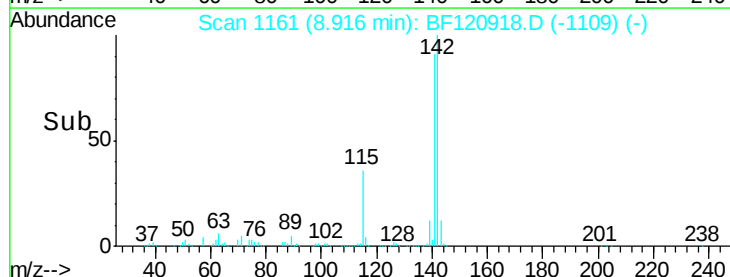
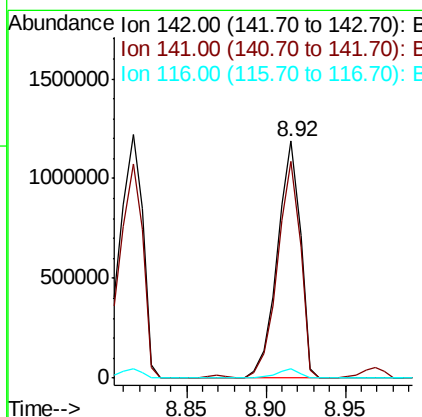
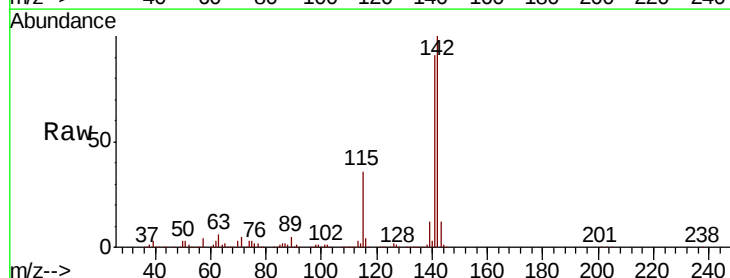
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#38
1-Methylnaphthalene
Concen: 44.657 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.7	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: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

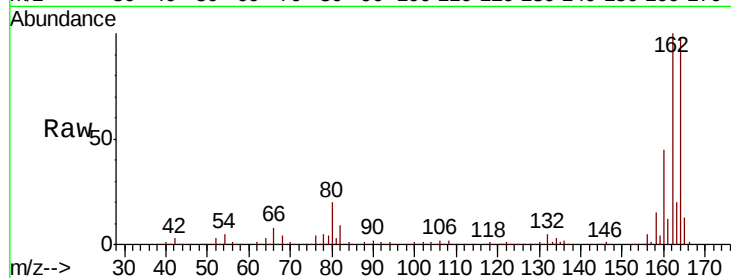
ClientSampleId :

24MS

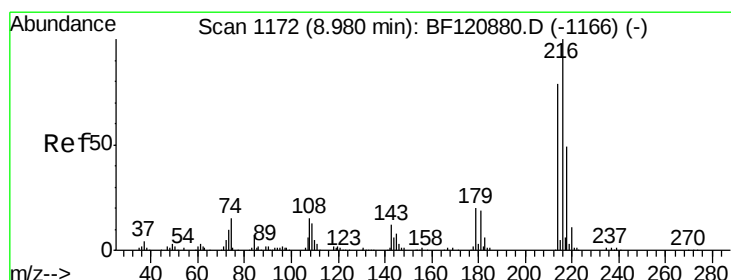
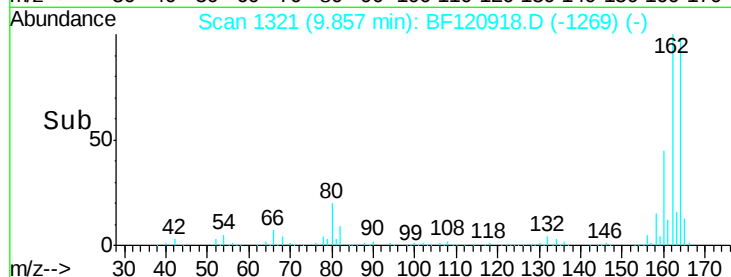
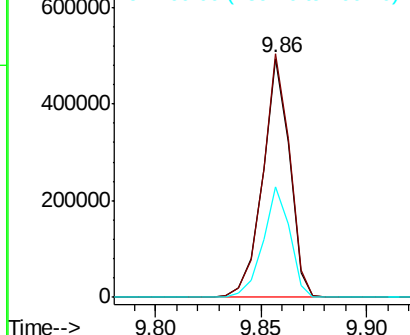
Tot Ion:	164	Resp:	437892
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.2	121.8
160	46.2	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.928 ng

RT: 8.98 min Scan# 1172

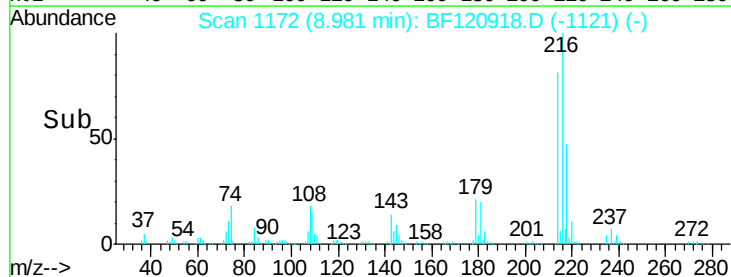
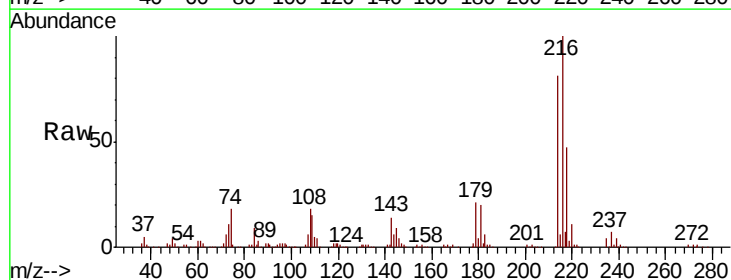
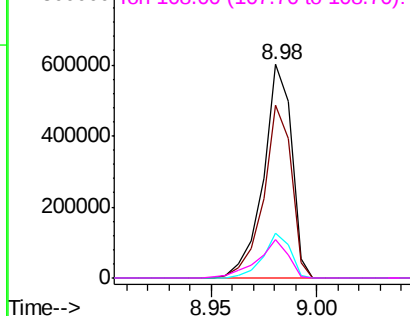
Delta R.T. 0.00 min

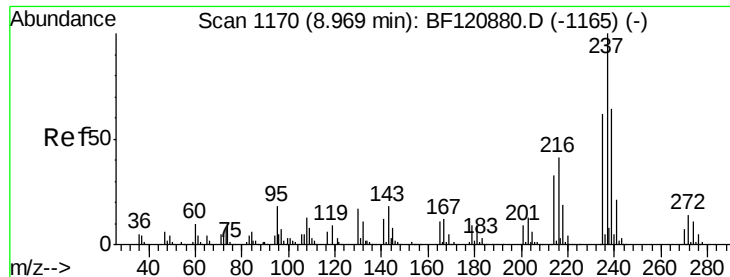
Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	216	Resp:	560446
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.8
179	20.4	16.6	24.8
108	19.4	15.4	23.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.360 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

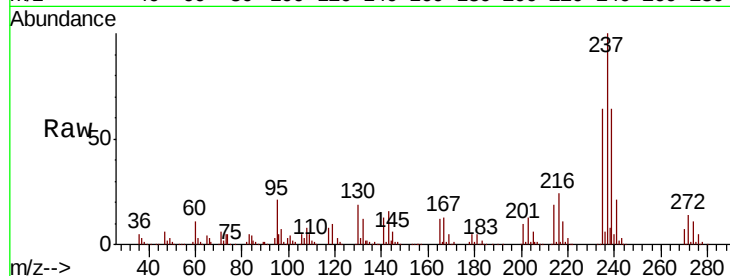
ClientSampleId :

24MS

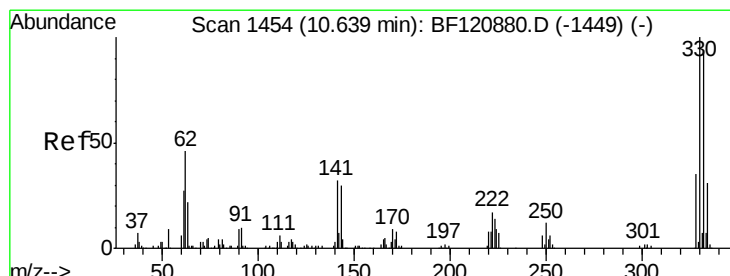
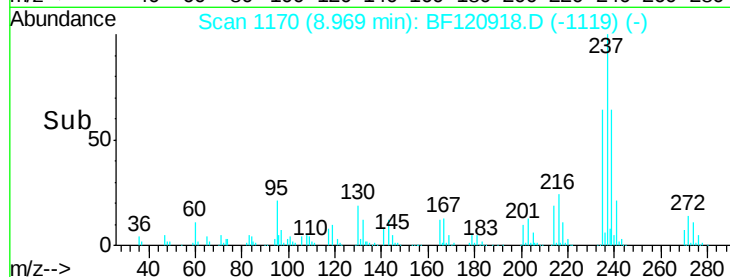
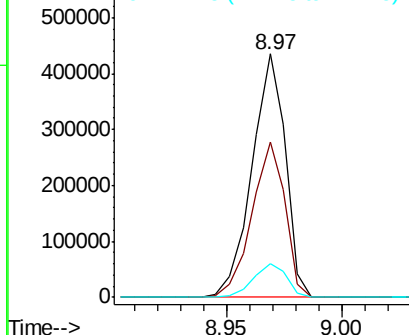
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100		439717		
235	63.9	41.6	81.6		
272	13.9	0.0	33.7		

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



#42

2,4,6-Tribromophenol

Concen: 94.009 ng

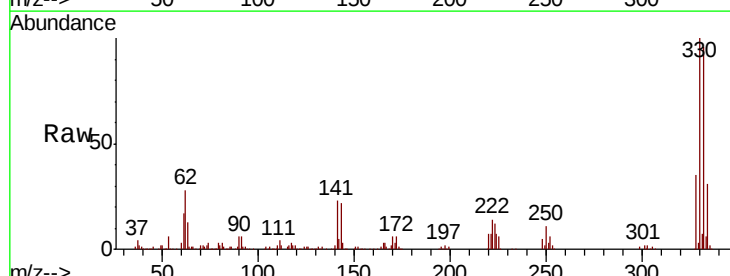
RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

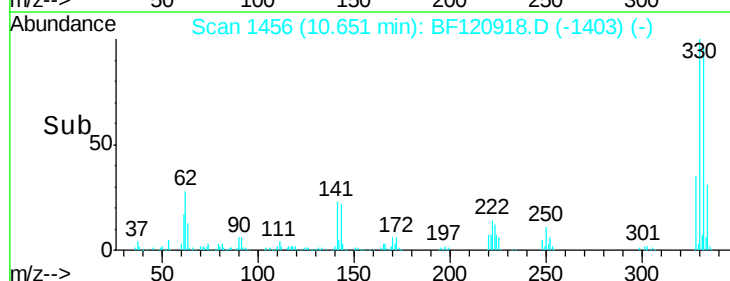
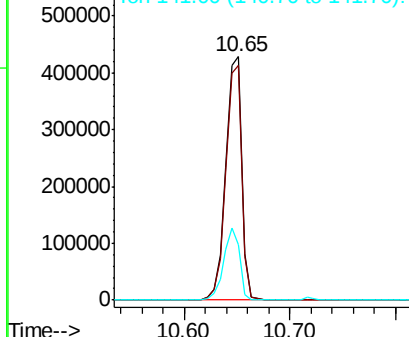
Lab File: BF120918.D

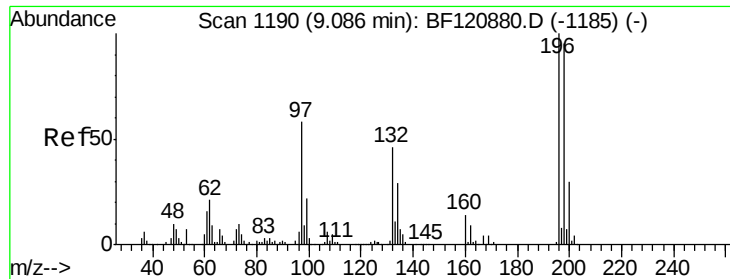
Acq: 17 Jul 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		450598		
332	95.8	75.5	113.3		
141	29.7	25.7	38.5		



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





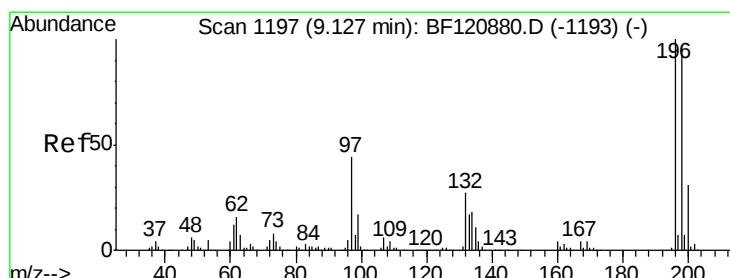
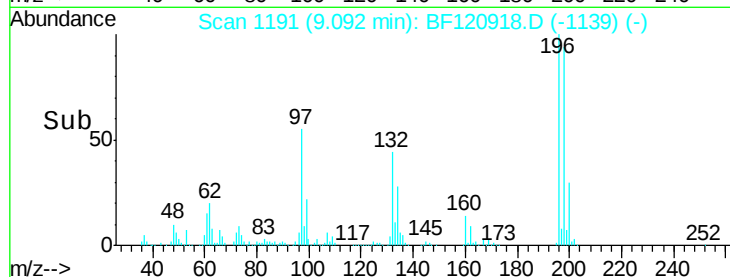
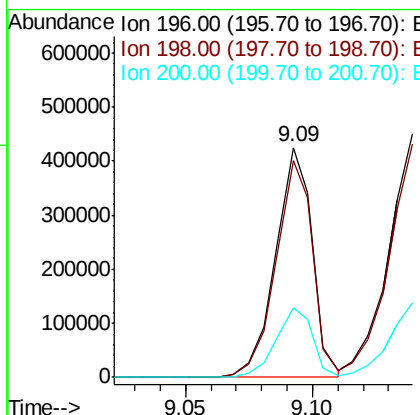
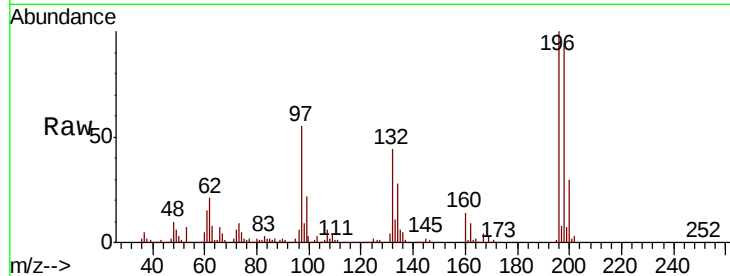
#43
 2,4,6-Trichlorophenol
 Concen: 47.758 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.3	24.4	36.6

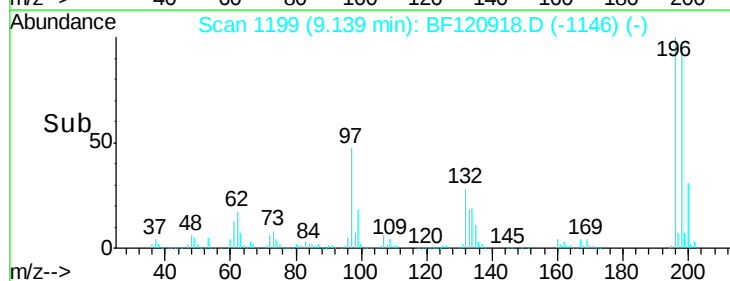
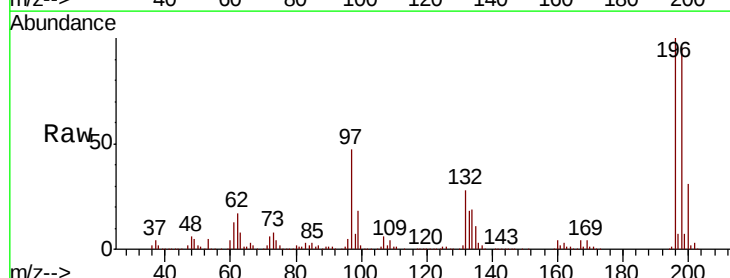
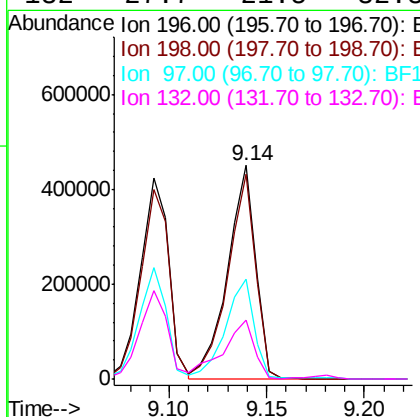
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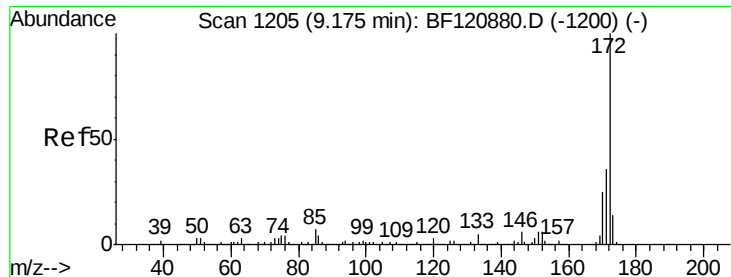
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#44
 2,4,5-Trichlorophenol
 Concen: 44.187 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.6	116.4
97	46.6	35.6	53.4
132	27.7	21.5	32.3





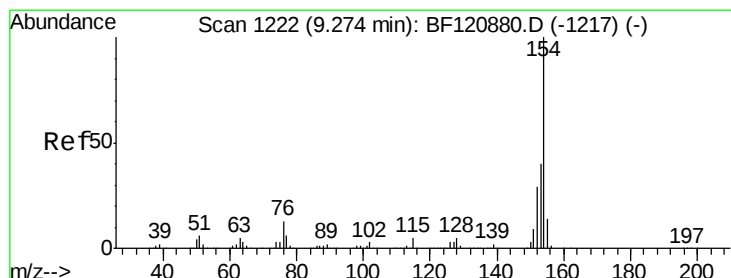
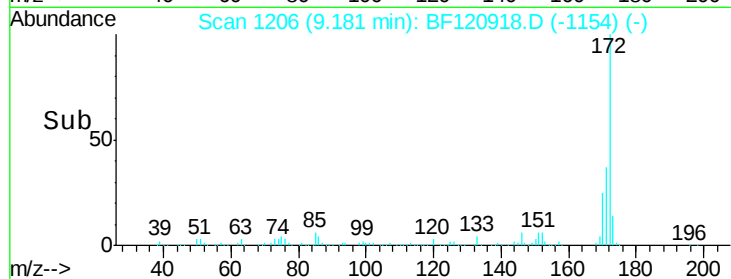
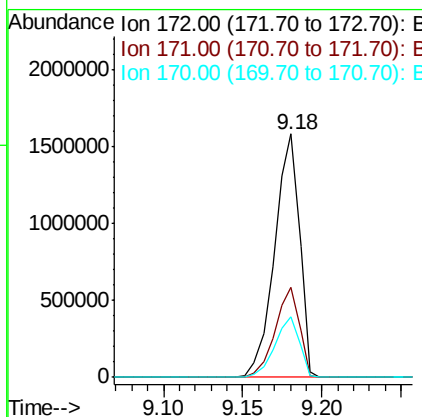
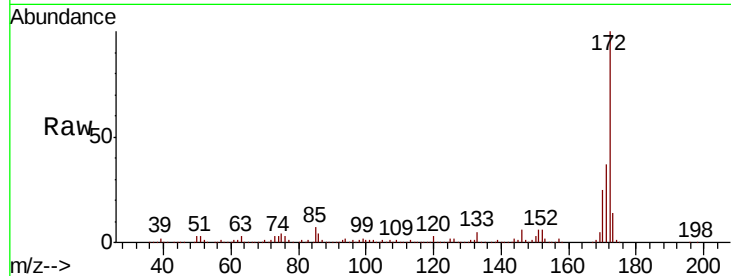
#45
2-Fluorobiphenyl
Concen: 59.037 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	25.0	19.6	29.4

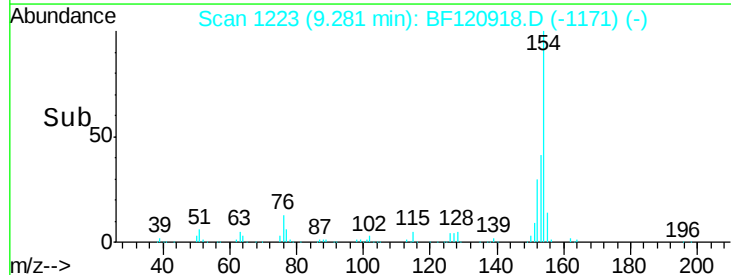
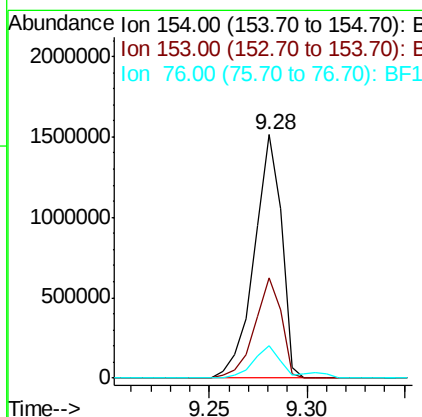
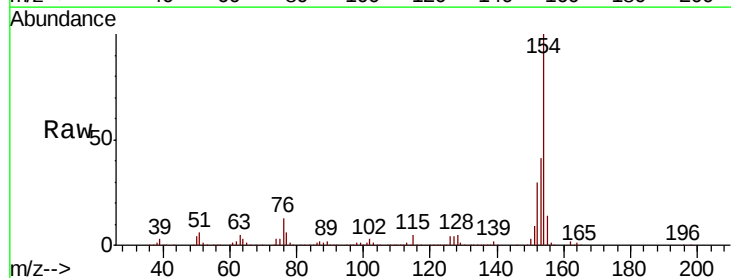
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#46
1,1'-Biphenyl
Concen: 43.734 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	13.1	0.0	33.1





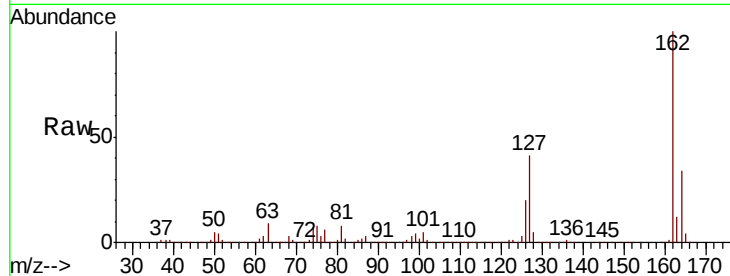
#47
 2-Chloronaphthalene
 Concen: 43.307 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

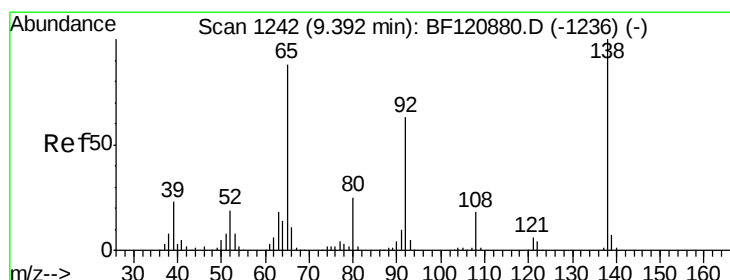
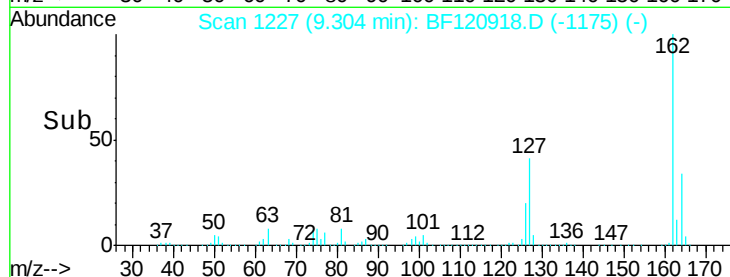
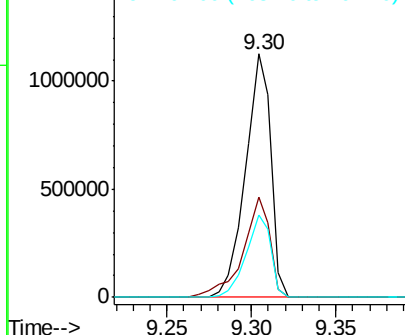
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.3	49.9
164	33.7	26.6	39.8

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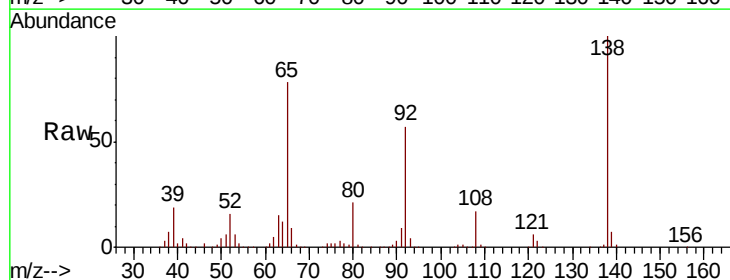


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

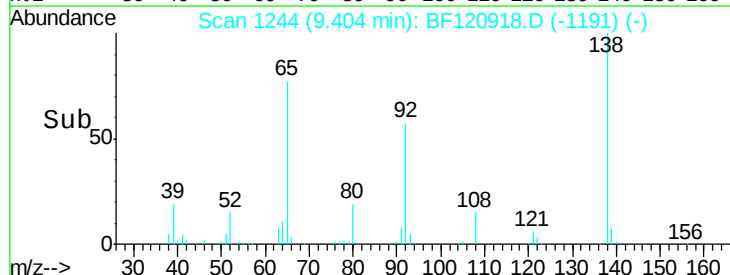
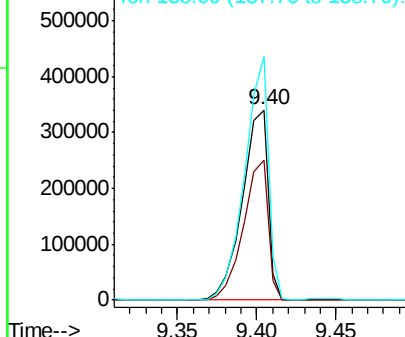


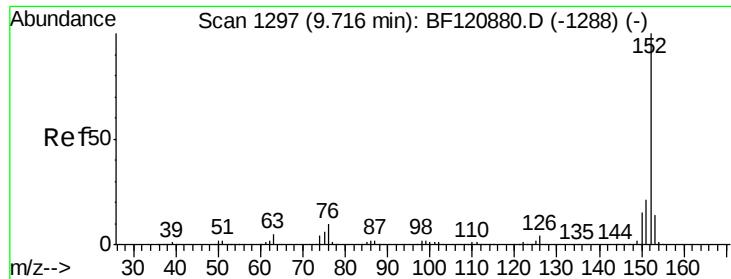
#48
 2-Nitroaniline
 Concen: 46.374 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.0	85.4
138	128.2	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: 43.480 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

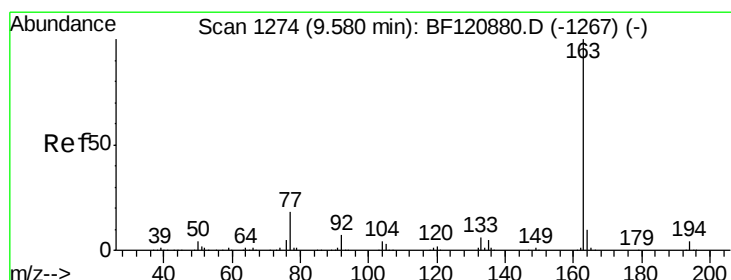
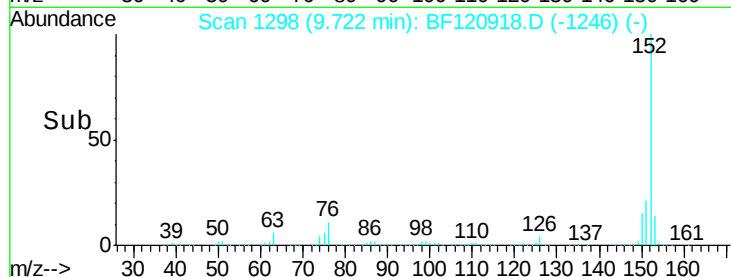
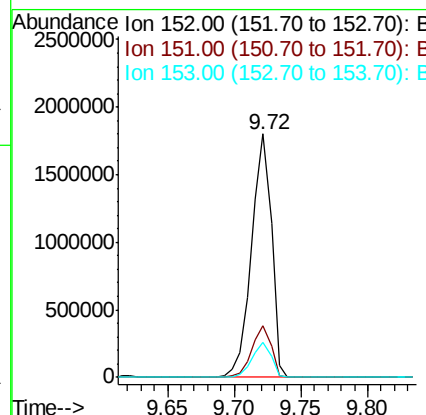
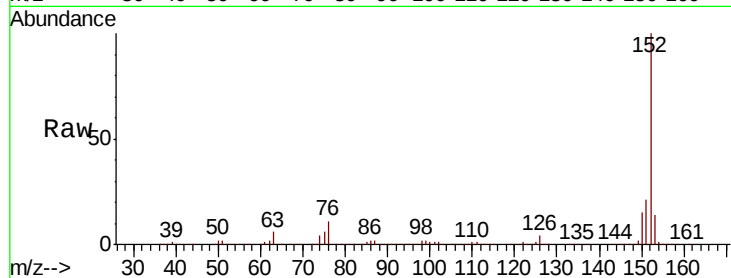
ClientSampled :

24MS

Tot Ion:	152	Resp:	1839524
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	14.1	10.9	16.3

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#50

Dimethylphthalate

Concen: 55.574 ng

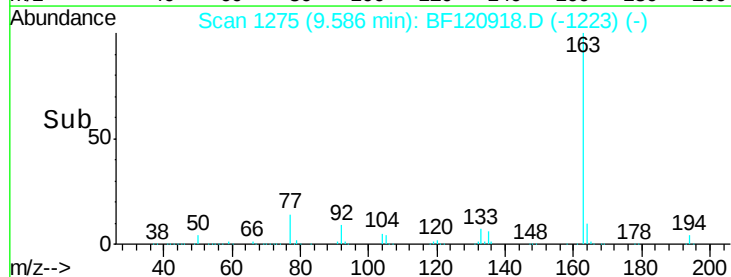
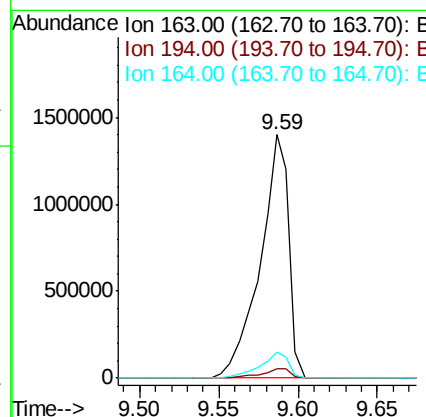
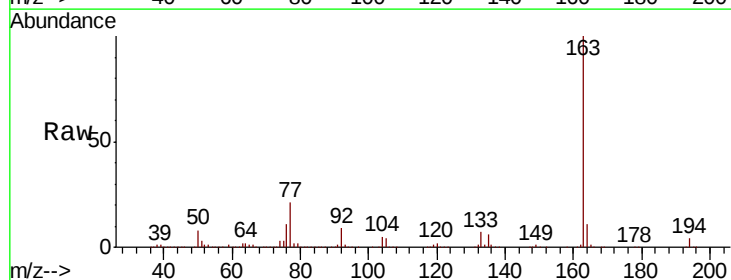
RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	163	Resp:	1755662
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	7.9	11.9





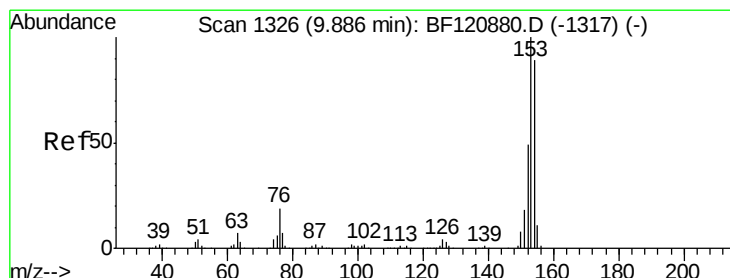
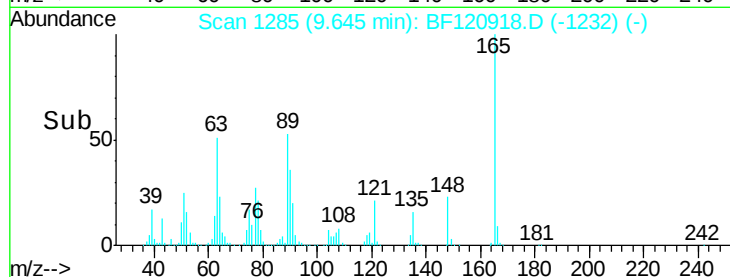
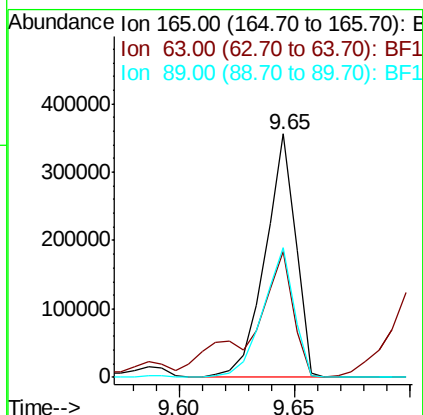
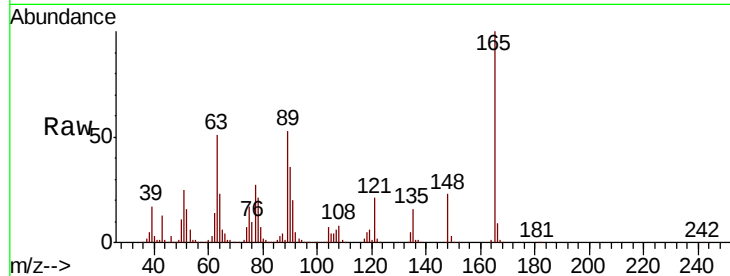
#51
2,6-Dinitrotoluene
Concen: 48.250 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	327475		
63	51.5	45.4	68.2	
89	53.5	47.0	70.4	

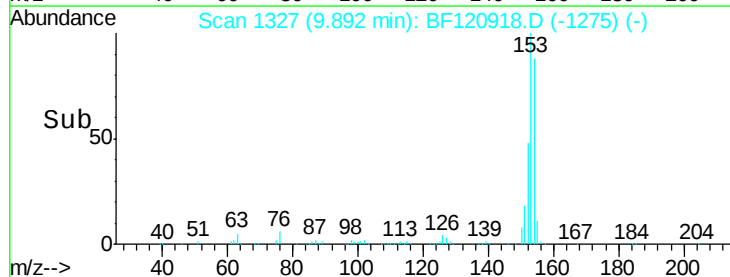
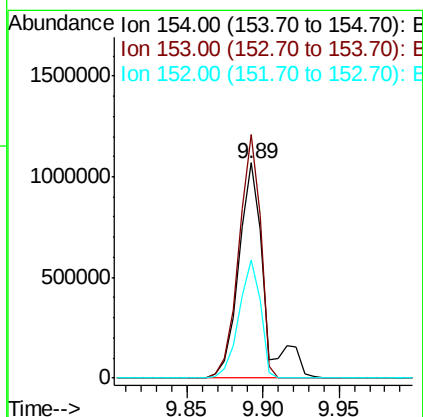
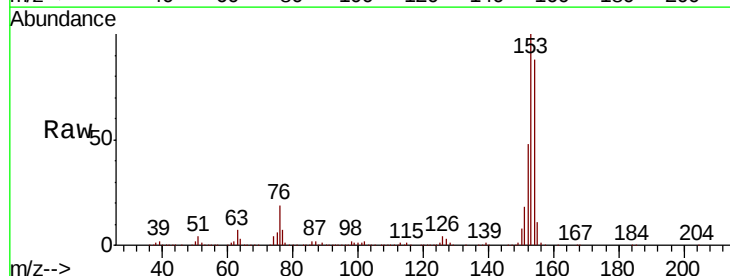
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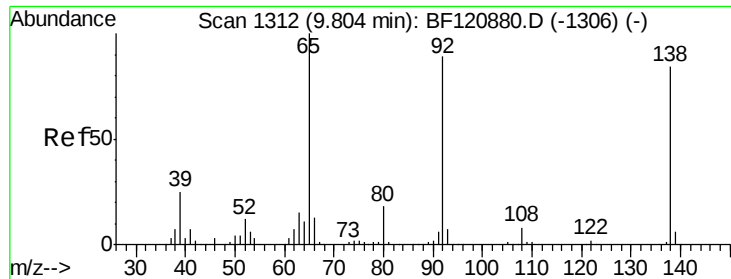
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#52
Acenaphthene
Concen: 46.139 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1241046		
153	113.1	89.5	134.3	
152	54.8	44.2	66.2	





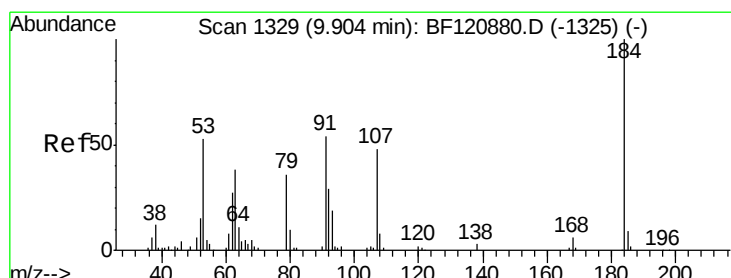
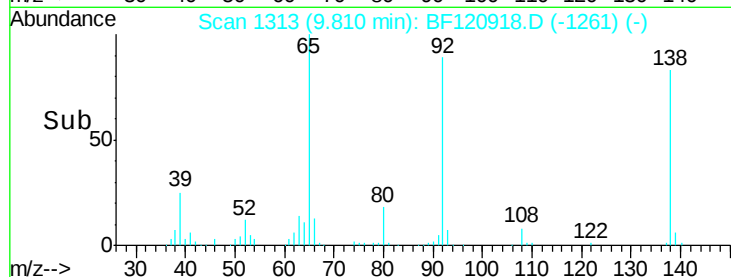
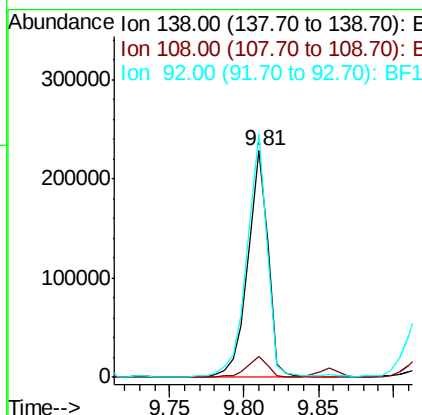
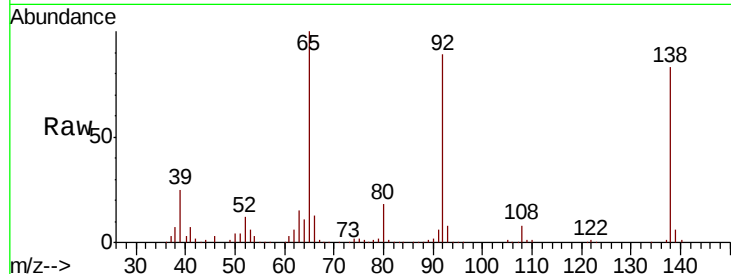
#53
3-Nitroaniline
Concen: 25.128 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	107.5	85.3	127.9

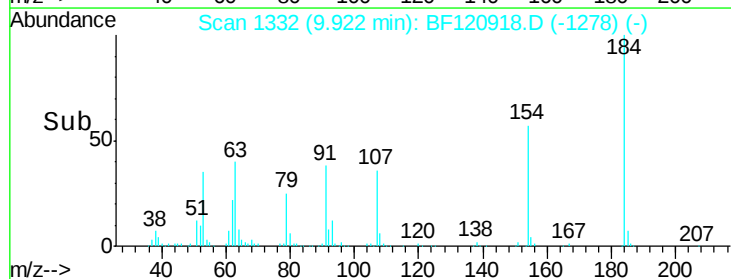
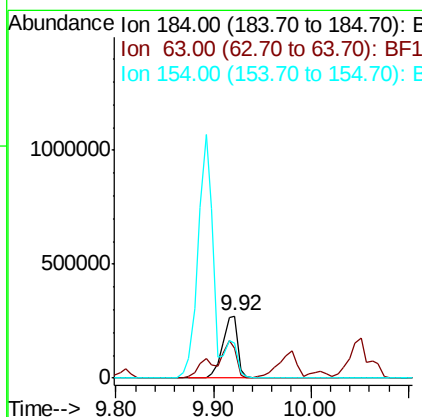
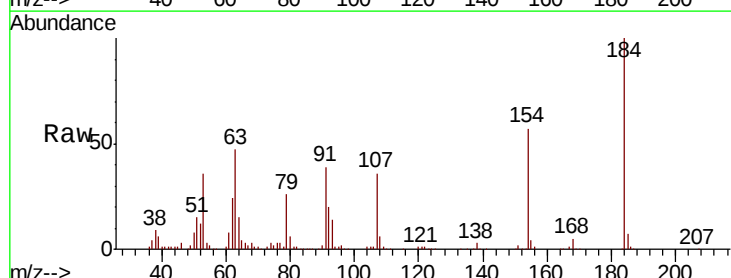
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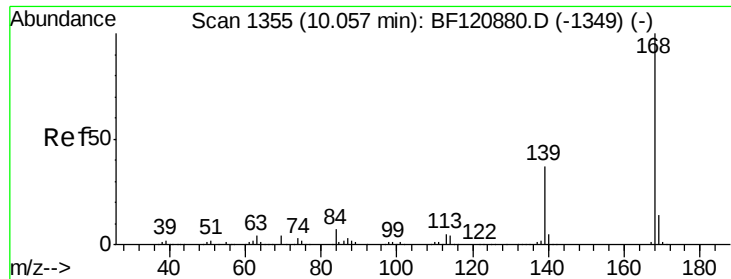
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#54
2,4-Dinitrophenol
Concen: 76.454 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.2	57.9	86.9#
154	56.7	52.6	78.8





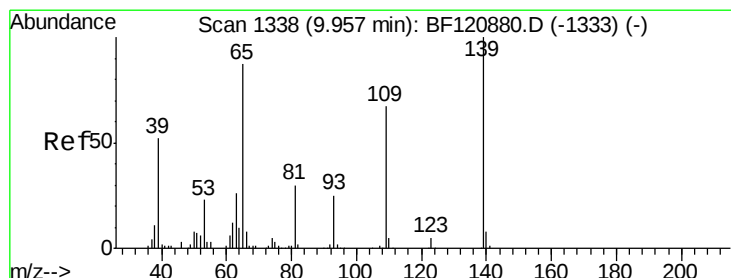
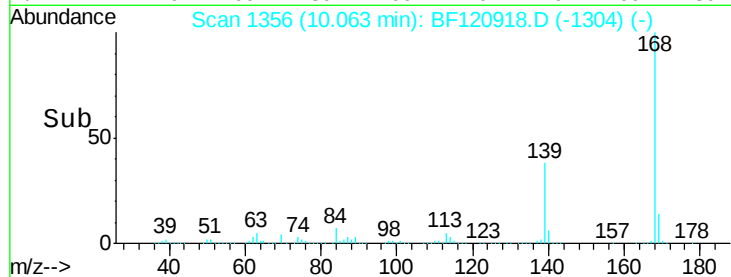
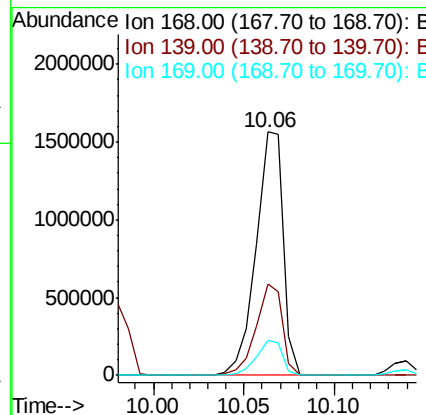
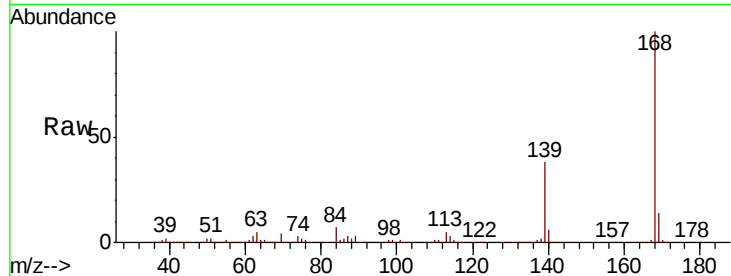
#55
Dibenzofuran
Concen: 41.981 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.7	44.5
169	14.2	11.1	16.7

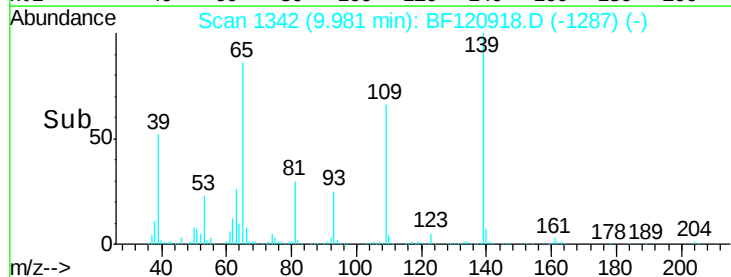
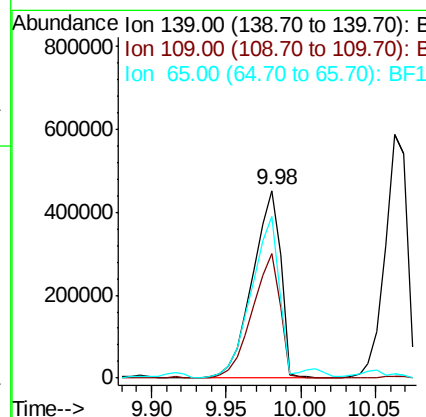
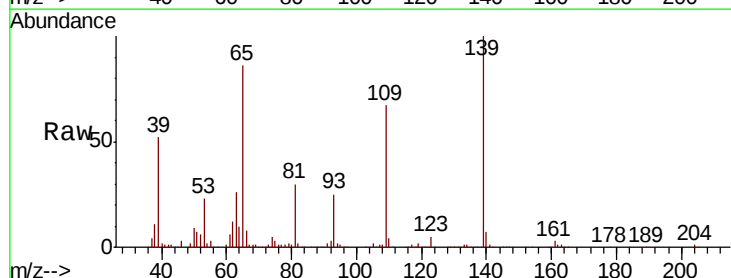
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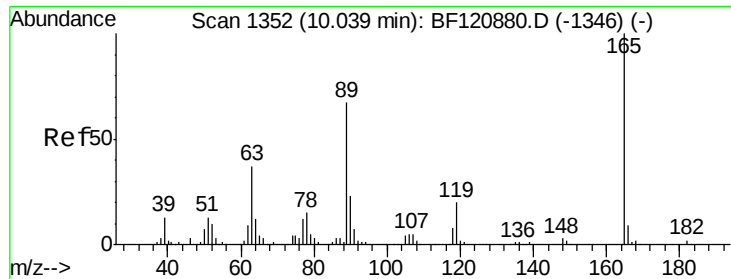
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#56
4-Nitrophenol
Concen: 91.410 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.3	87.3
65	86.0	67.2	107.2





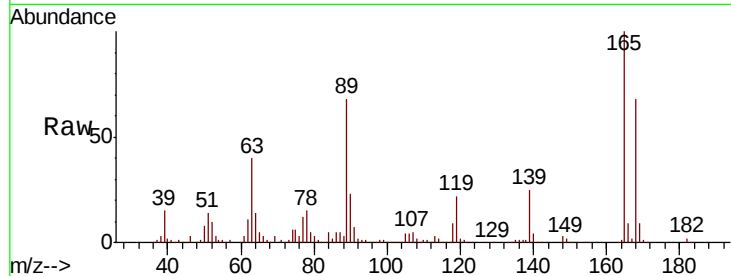
#57
2,4-Dinitrotoluene
Concen: 48.177 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

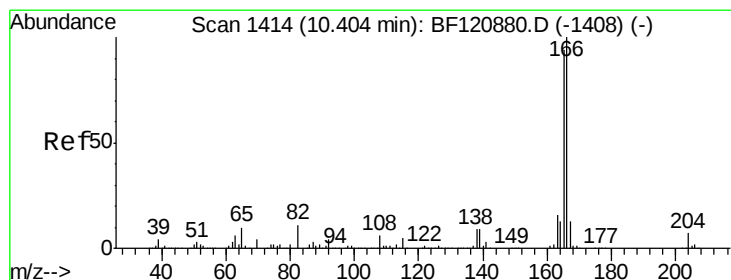
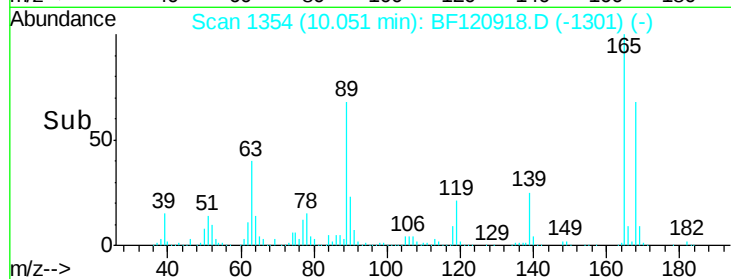
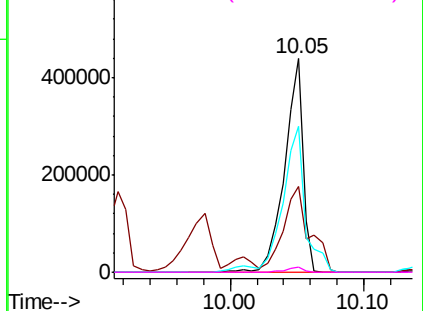
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		429394		
63	40.5	29.4	44.2		
89	68.4	53.4	80.0		
182	2.3	1.8	2.6		

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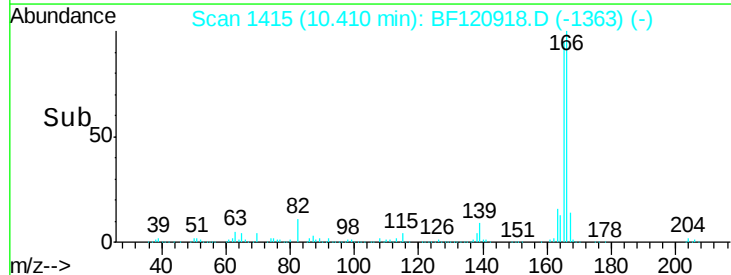
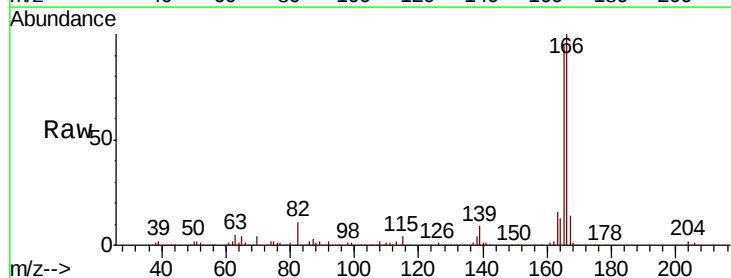
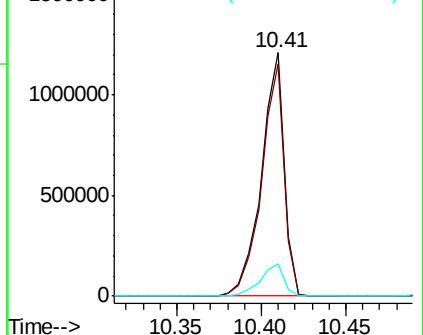
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.799 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1125578		
165	95.3	75.4	113.0		
167	13.5	10.6	15.8		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





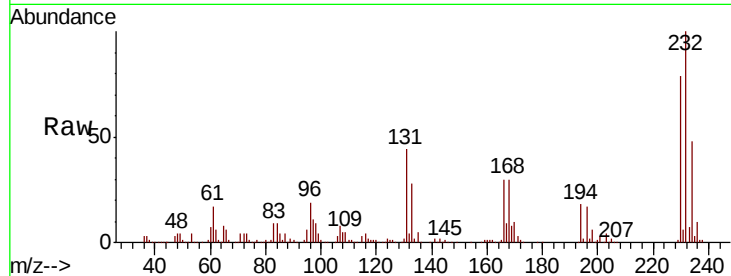
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.936 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	379655		
131	43.2		37.1	55.7
130	2.1		1.7	2.5
166	29.3		24.2	36.4

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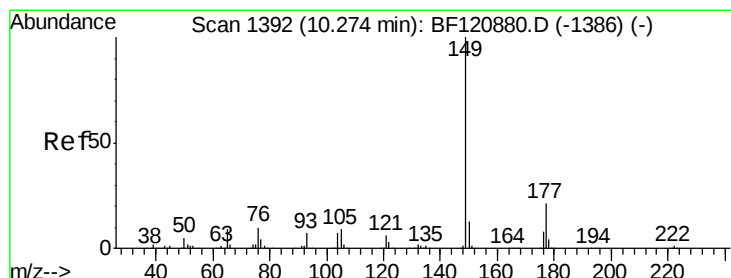
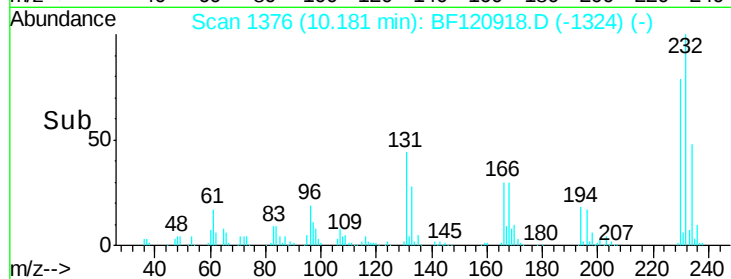
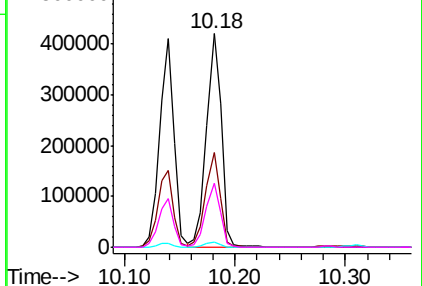
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.863 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

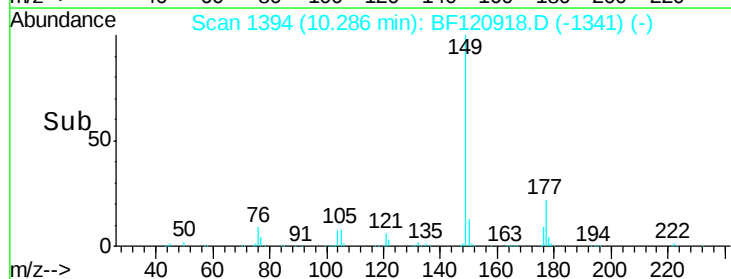
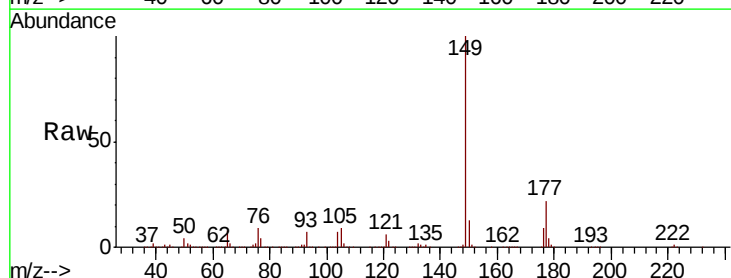
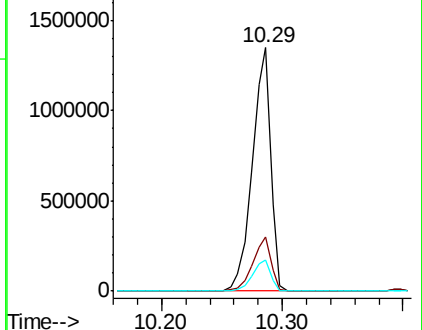
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1433528		
177	22.5		17.1	25.7
150	12.6		10.3	15.5

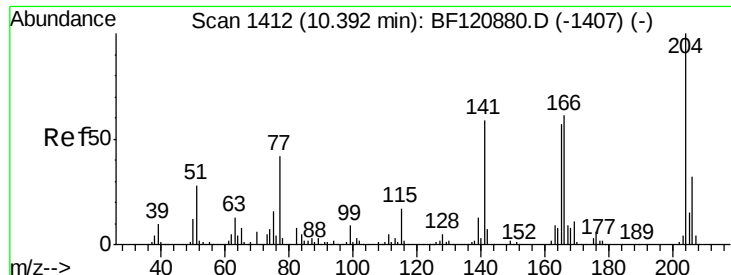
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





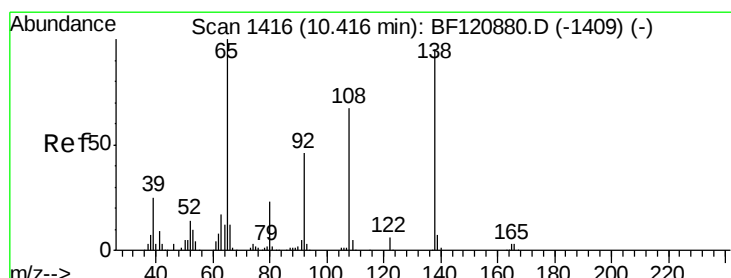
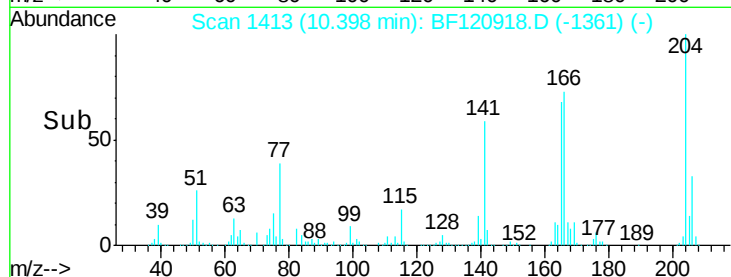
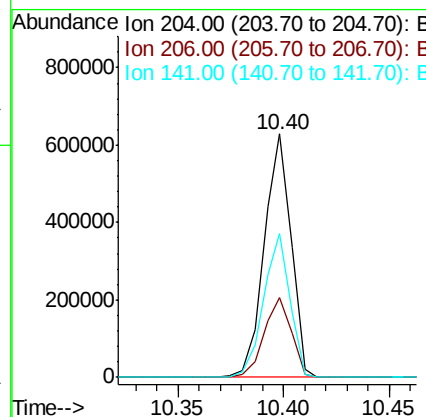
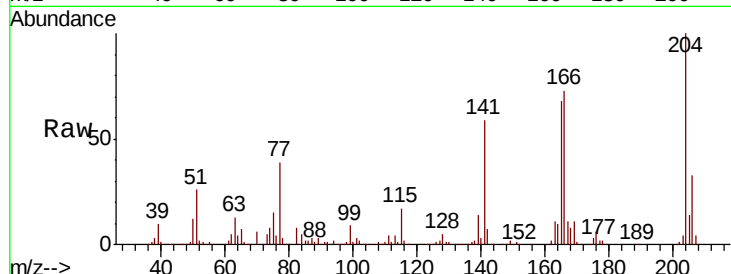
#61
4-Chlorophenyl-phenylether
Concen: 35.895 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	58.8	47.2	70.8

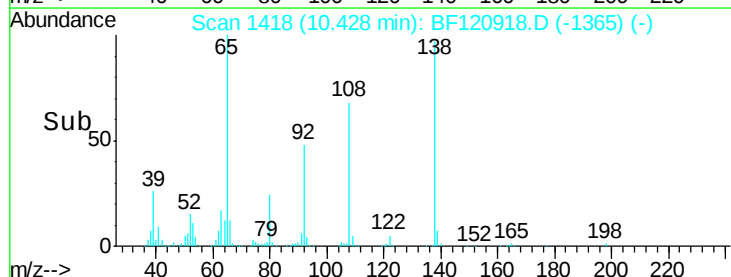
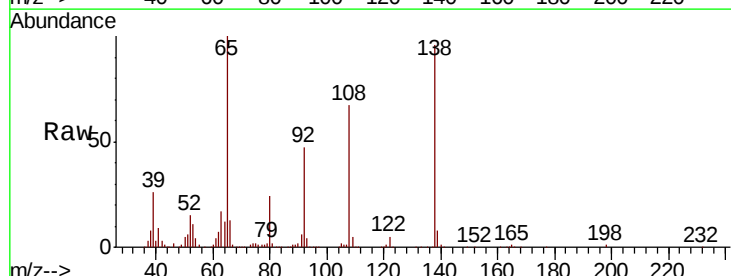
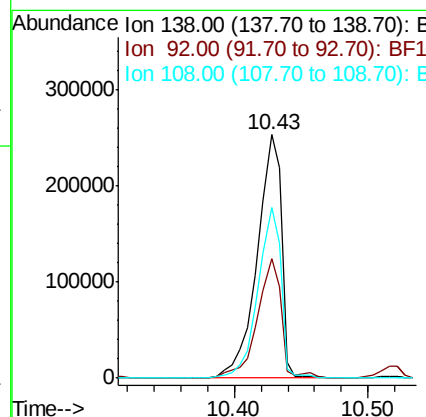
Manual Integrations
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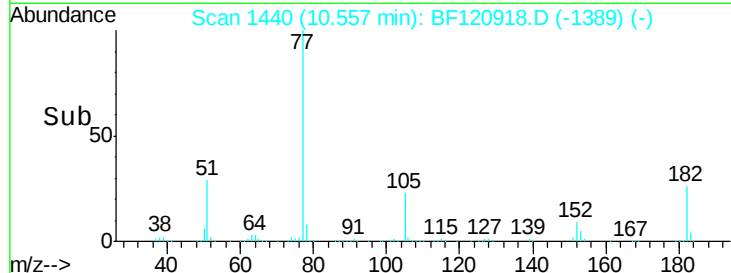
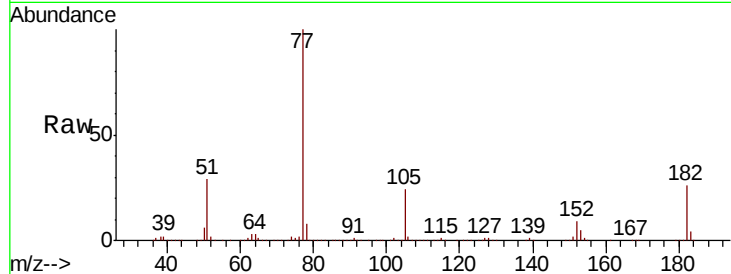
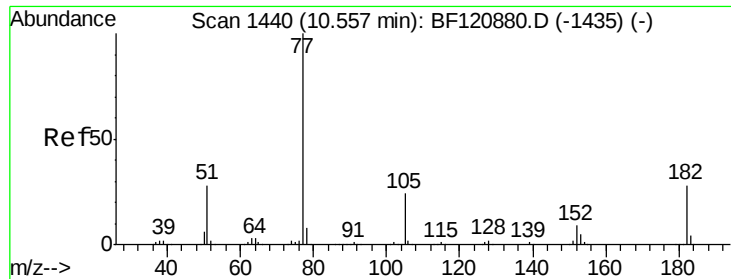
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#62
4-Nitroaniline
Concen: 38.052 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	28.6	68.6
108	70.1	51.1	91.1





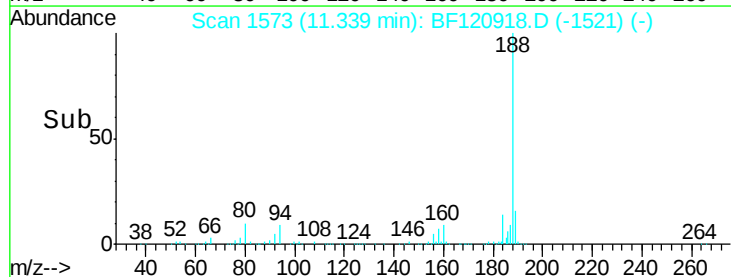
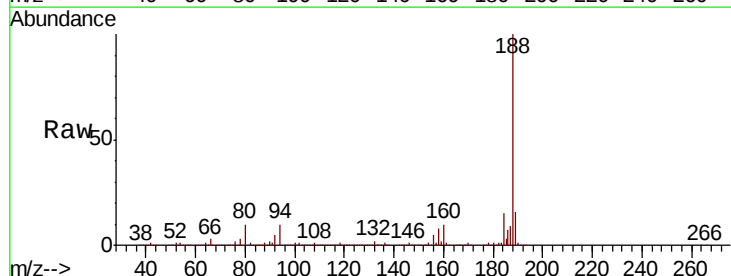
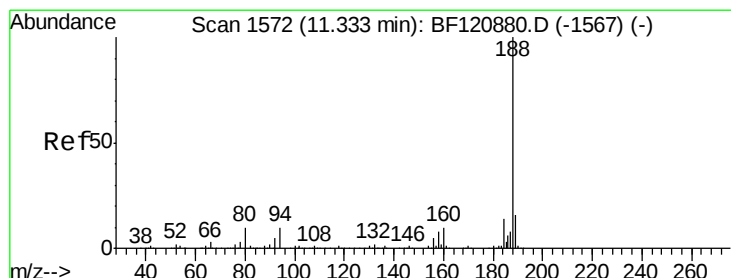
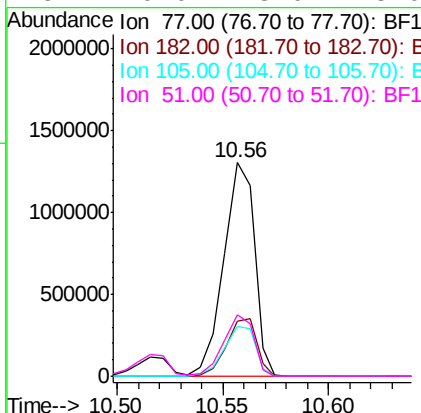
#63
Azobenzene
Concen: 43.037 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tot Ion: 77 Resp: 1309198
Ion Ratio Lower Upper
77 100
182 25.9 7.8 47.8
105 23.7 4.4 44.4
51 29.0 8.0 48.0

Instrument :
BNA_F
ClientSampleId :
24MS

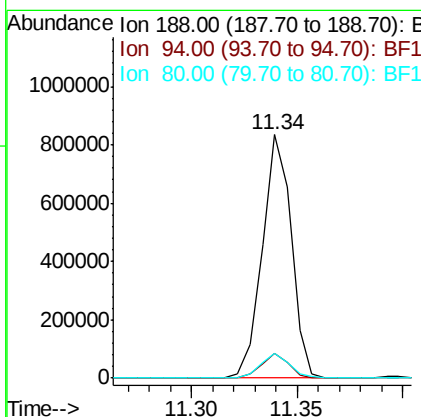
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion: 188 Resp: 799775
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.3 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 44.077 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampled :

24MS

Tot Ion:198 Resp: 202440

Ion Ratio Lower Upper

198 100

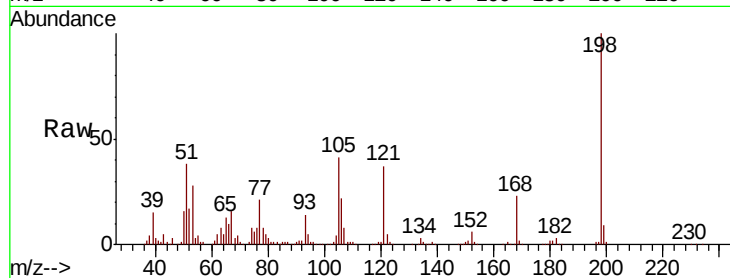
51 37.6 19.5 59.5

105 40.9 24.4 64.4

Manual Integrations
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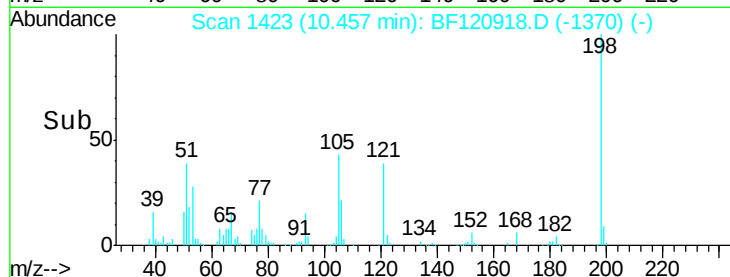
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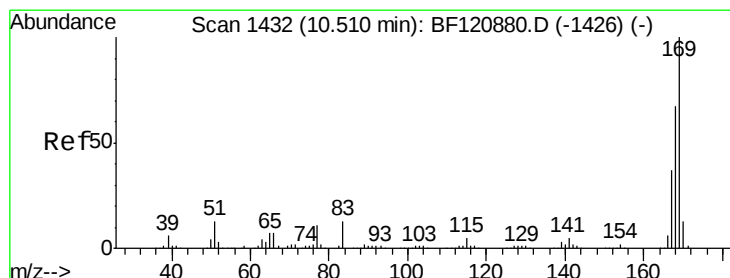
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.977 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

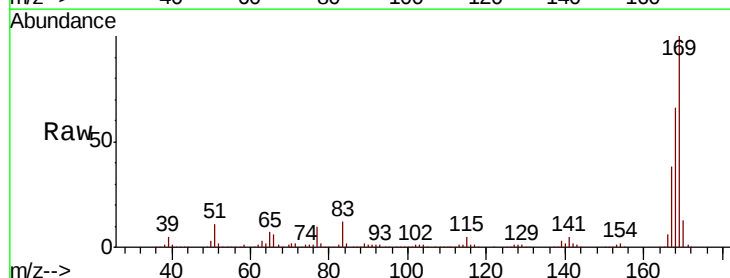
Tgt Ion:169 Resp: 1181921

Ion Ratio Lower Upper

169 100

168 66.2 53.4 80.0

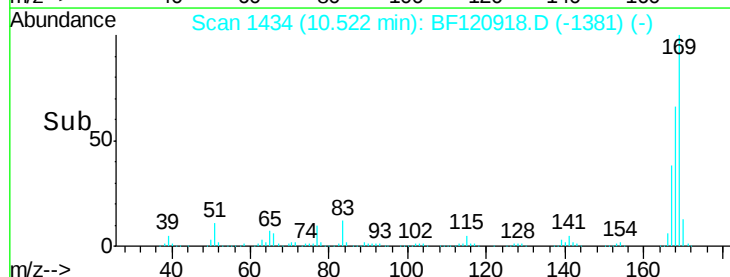
167 37.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



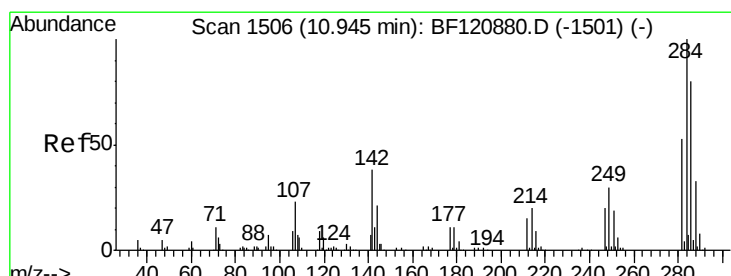
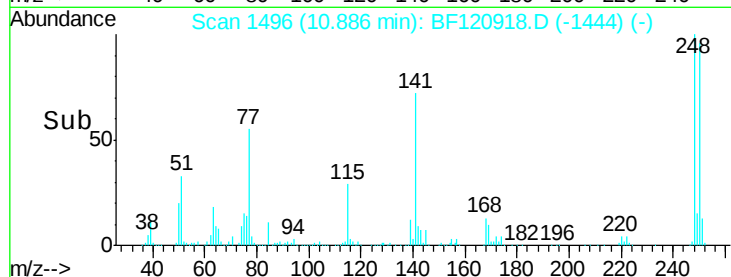
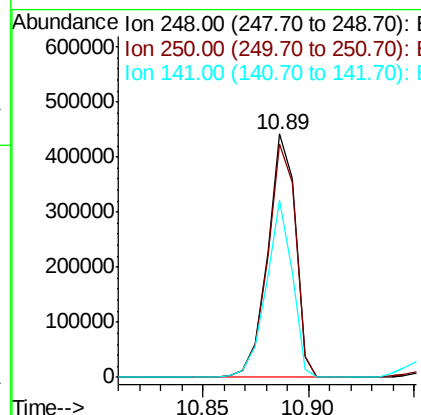
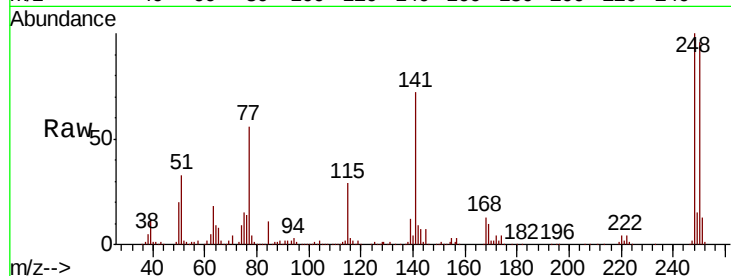
#67
 4-Bromophenyl-phenylether
 Concen: 45.341 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampled :
 24MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	72.5	61.2	91.8

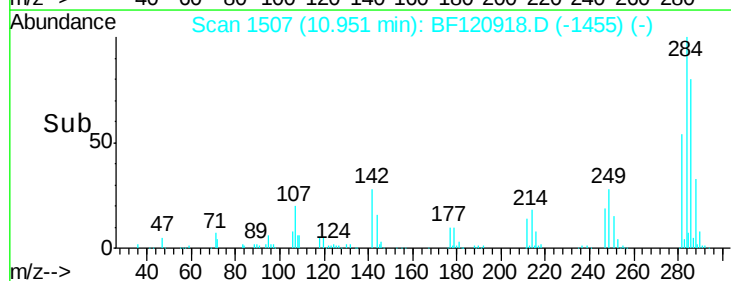
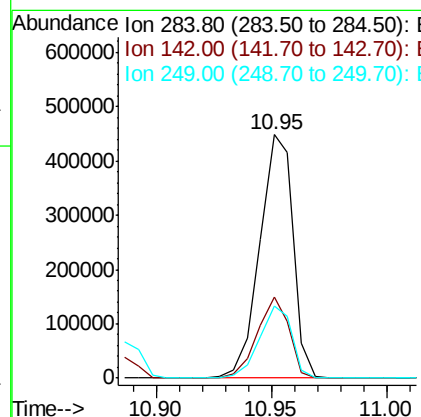
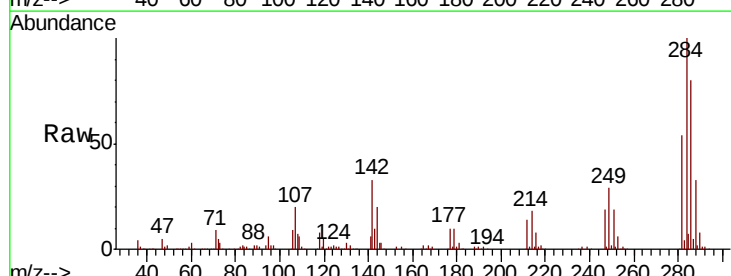
Manual Integrations
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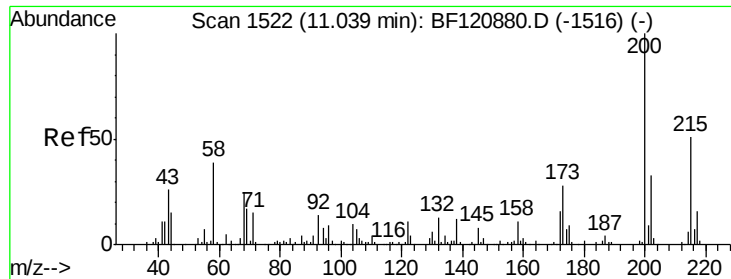
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#68
 Hexachlorobenzene
 Concen: 46.752 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	30.2	45.2
249	29.4	24.2	36.2





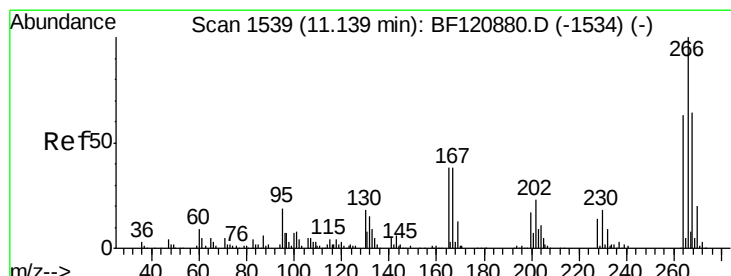
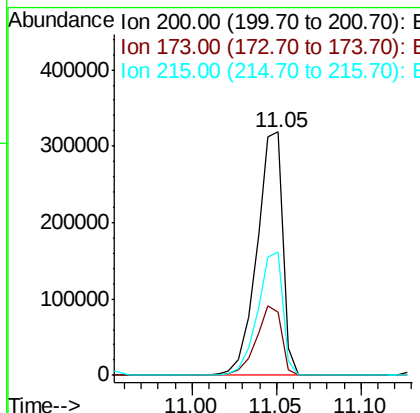
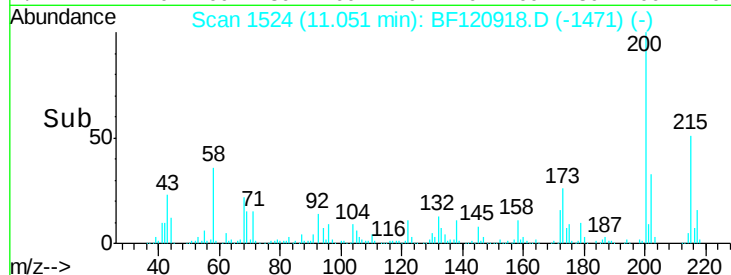
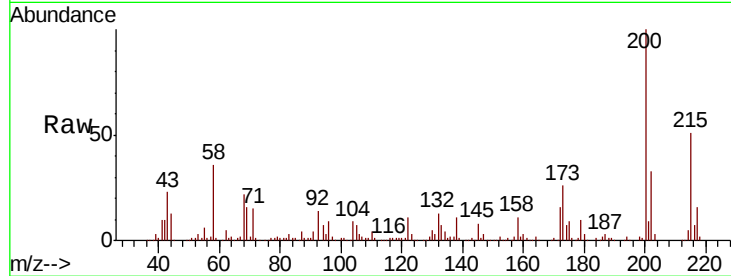
#69
Atrazine
Concen: 54.213 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.0	48.0
215	50.5	31.5	71.5

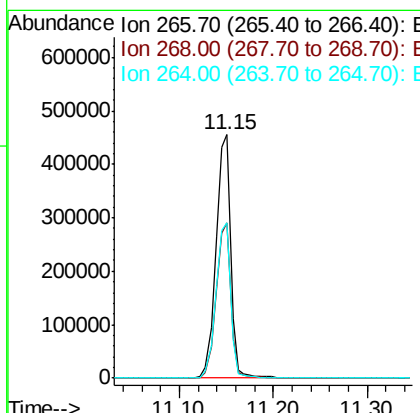
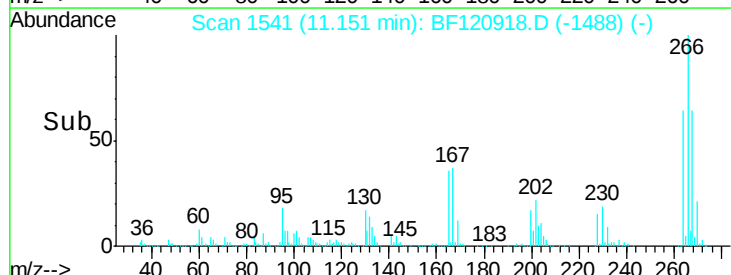
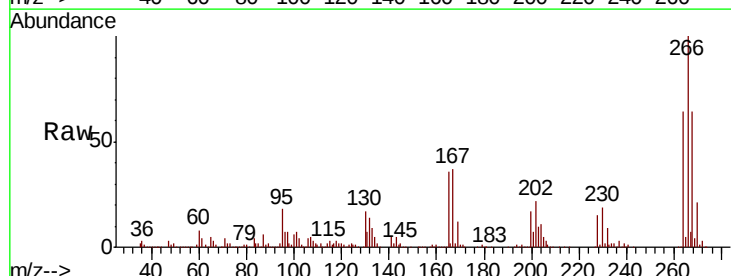
Manual Integrations
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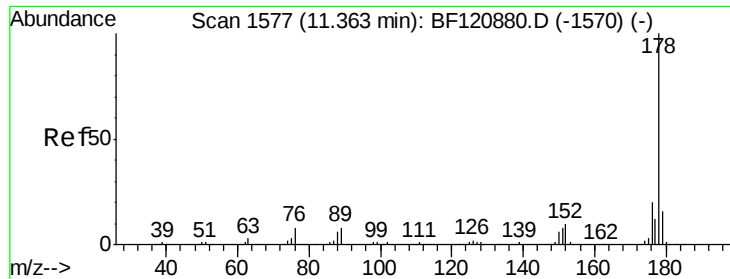
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#70
Pentachlorophenol
Concen: 91.294 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.9	50.2	75.2





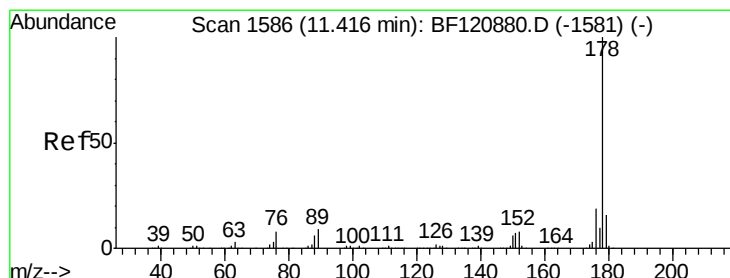
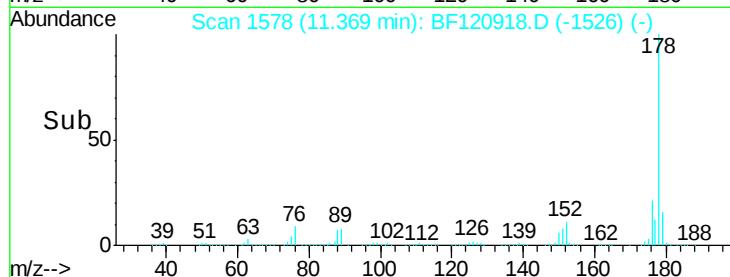
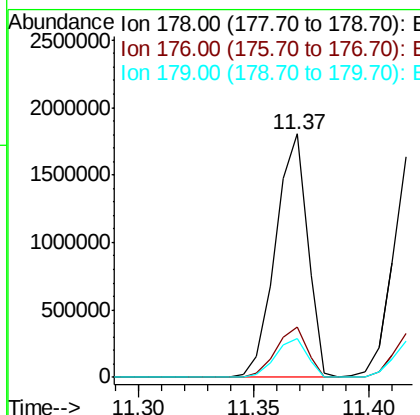
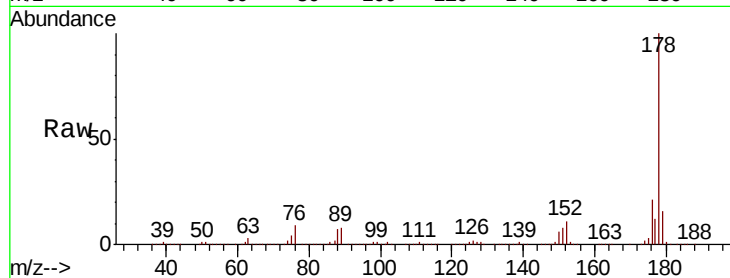
#71
Phenanthrene
Concen: 42.368 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion:178 Resp: 1742692
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.1 12.8 19.2

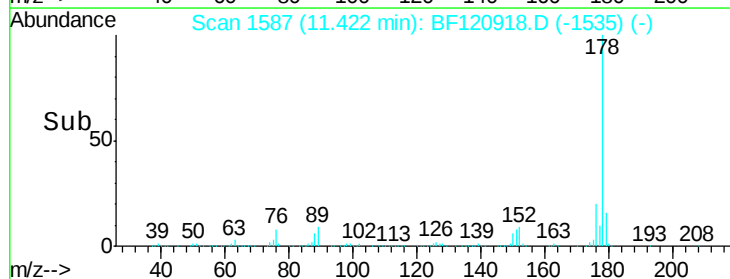
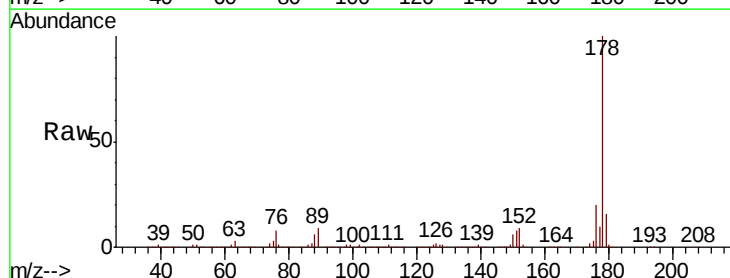
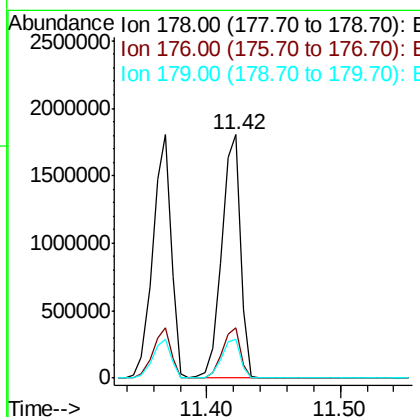
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#72
Anthracene
Concen: 43.479 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:178 Resp: 1795817
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.1 12.8 19.2





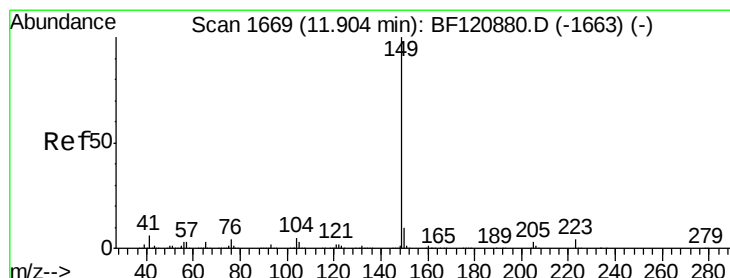
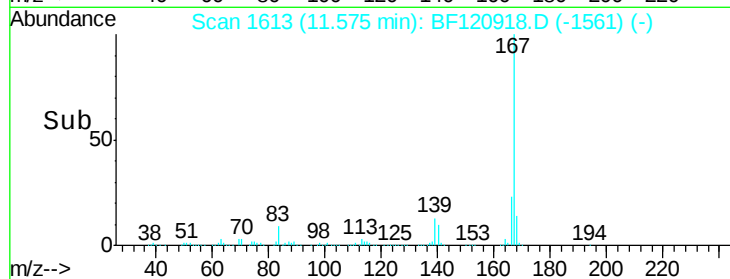
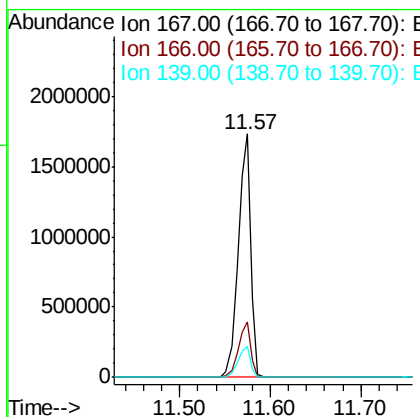
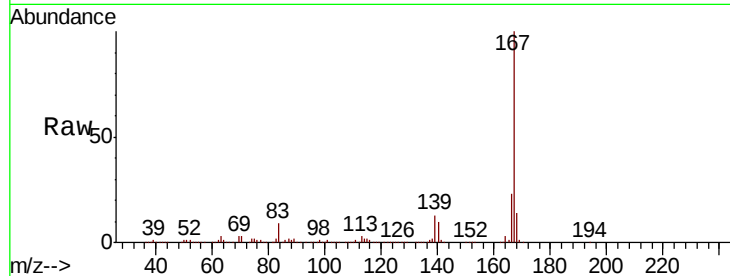
#73
 Carbazole
 Concen: 41.358 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion:167 Resp: 1695242
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 13.0 10.1 15.1

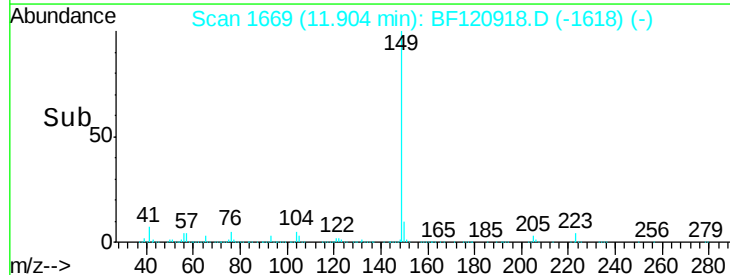
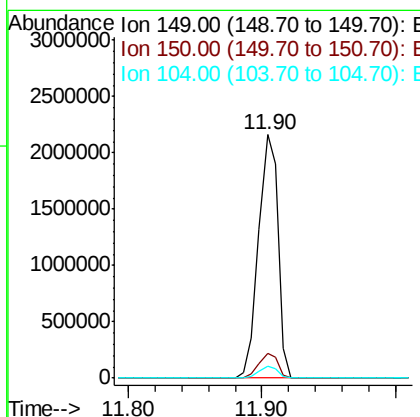
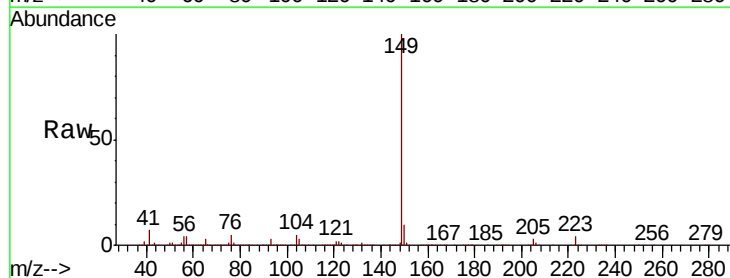
Manual Integrations
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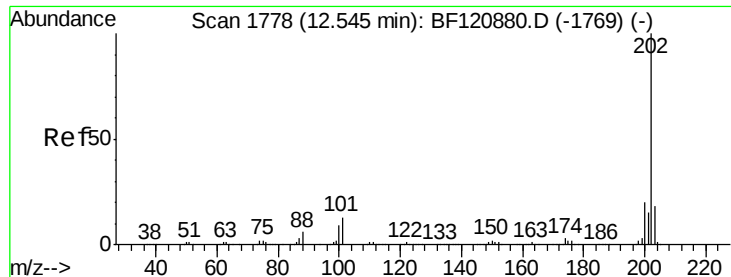
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#74
 Di-n-butylphthalate
 Concen: 45.384 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion:149 Resp: 2146746
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.6
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 40.146 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

Tot Ion:202 Resp: 1830344

Ion Ratio Lower Upper

202 100

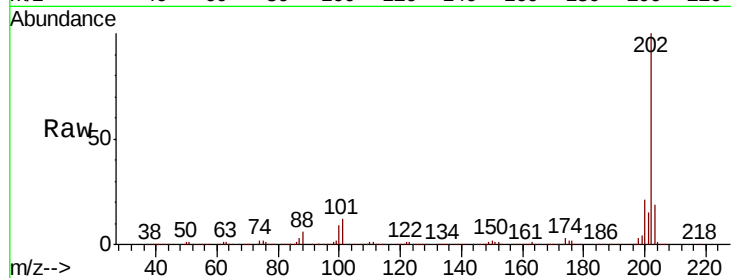
101 12.0 0.0 32.7

203 18.8 0.0 38.0

Manual Integrations
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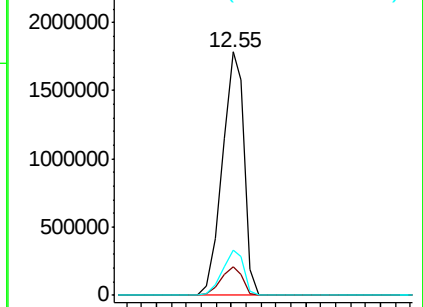
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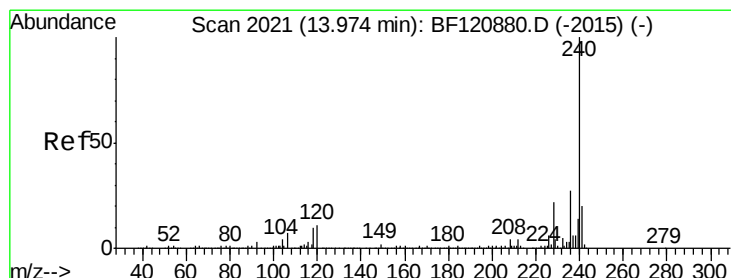
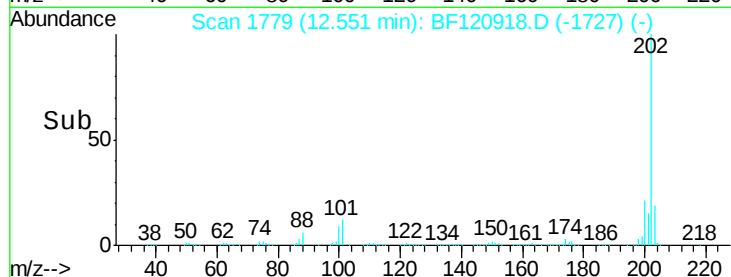
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

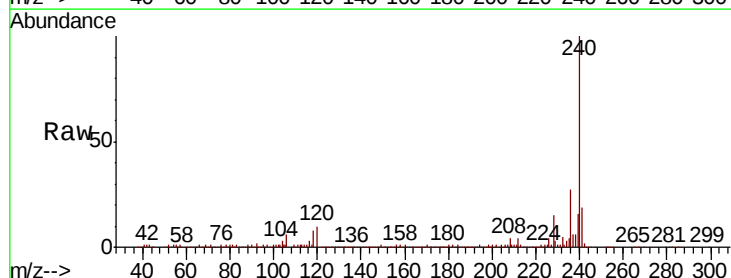
Tgt Ion:240 Resp: 461207

Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

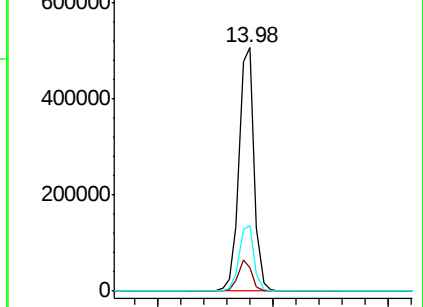
236 26.8 21.7 32.5



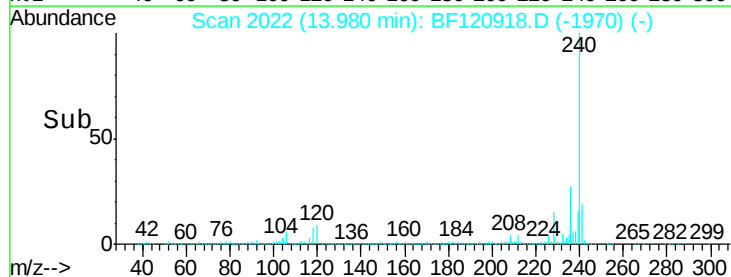
Abundance Ion 240.00 (239.70 to 240.70): E

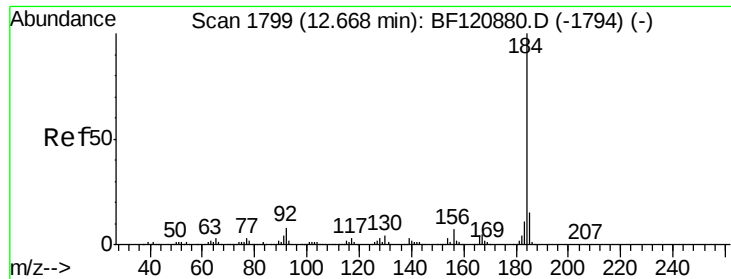
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 71.591 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

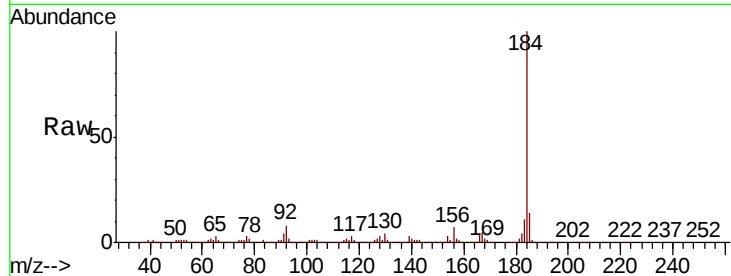
ClientSampleId :

24MS

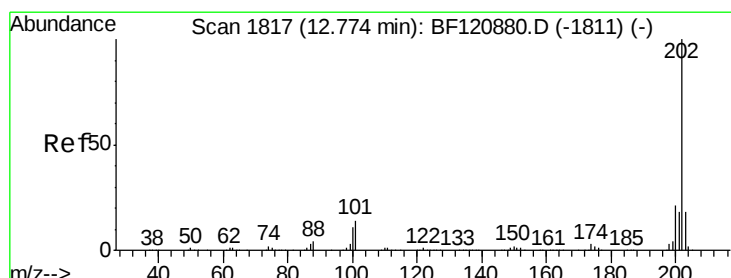
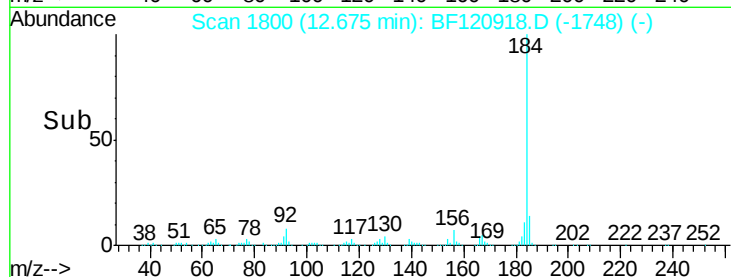
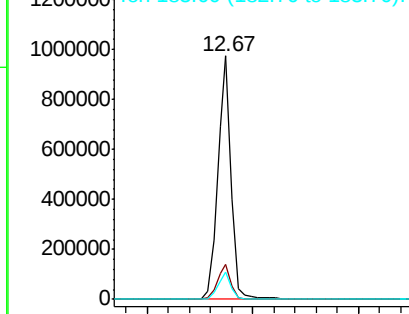
Tot Ion:	184	Resp:	868107
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.1	8.5	12.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.124 ng

RT: 12.78 min Scan# 1818

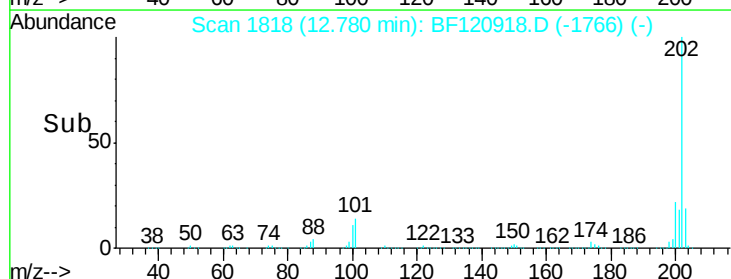
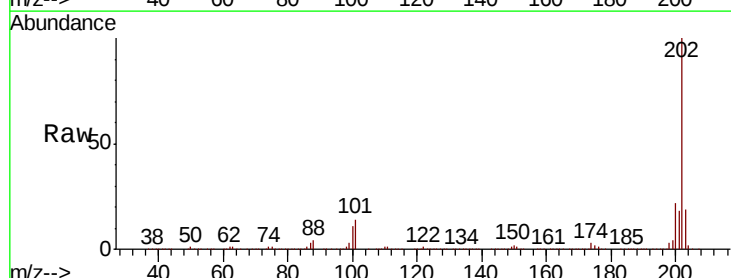
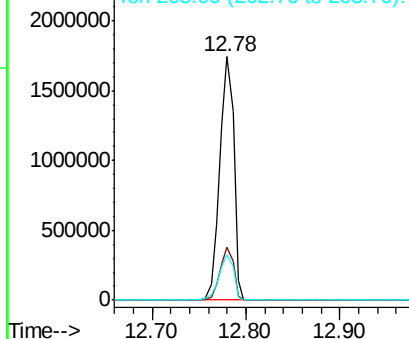
Delta R.T. 0.01 min

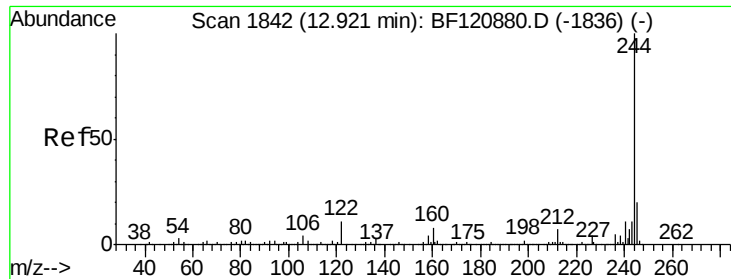
Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:	202	Resp:	1830067
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.7	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





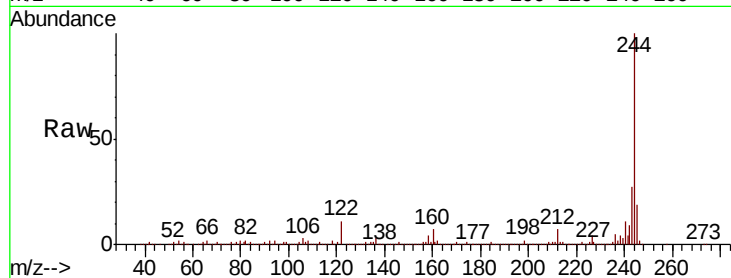
#79
 Terphenyl-d14
 Concen: 74.412 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

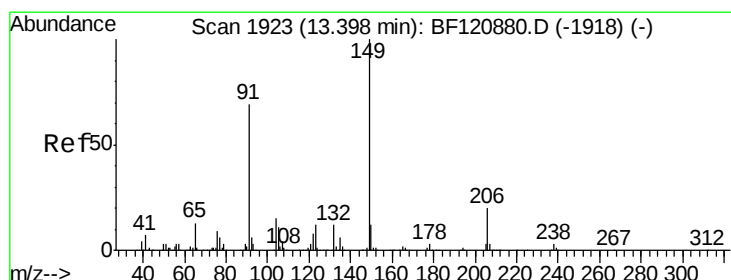
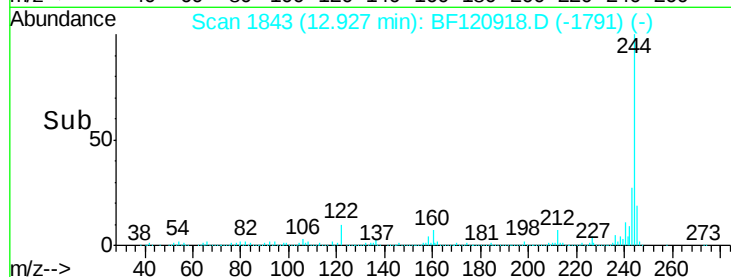
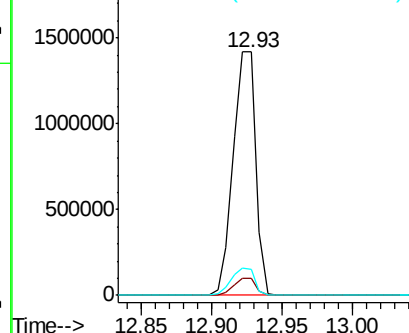
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.5	8.9	13.3

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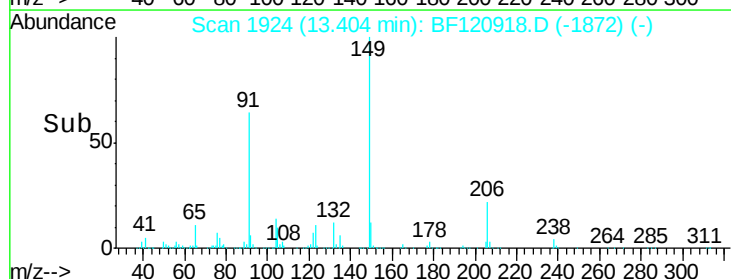
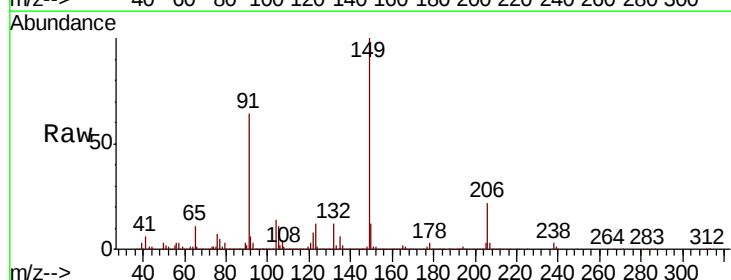
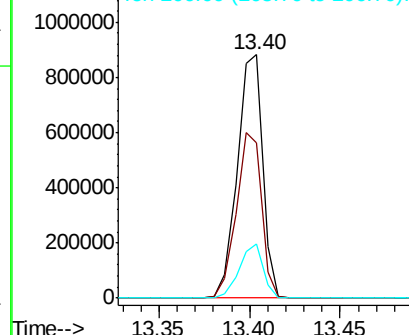
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

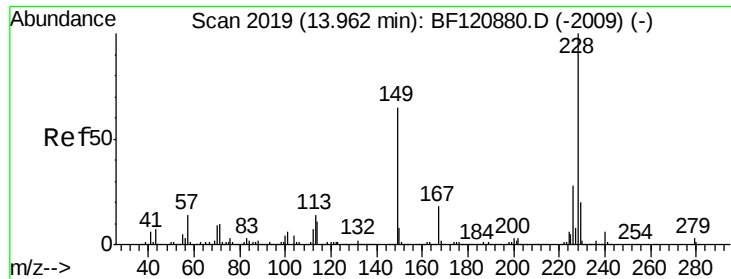


#80
 Butylbenzylphthalate
 Concen: 58.941 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.7	55.1	82.7
206	22.4	16.1	24.1

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.564 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

Tot Ion:228 Resp: 1216675

Ion Ratio Lower Upper

228 100

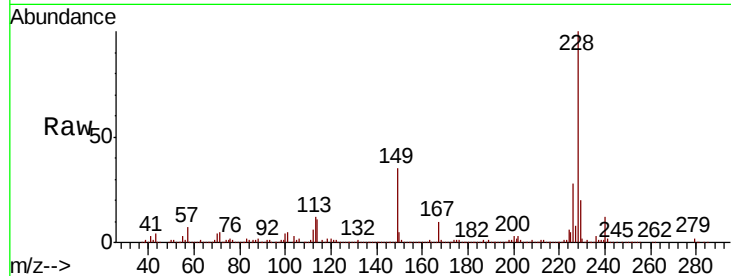
226 27.8 22.3 33.5

229 20.0 16.1 24.1

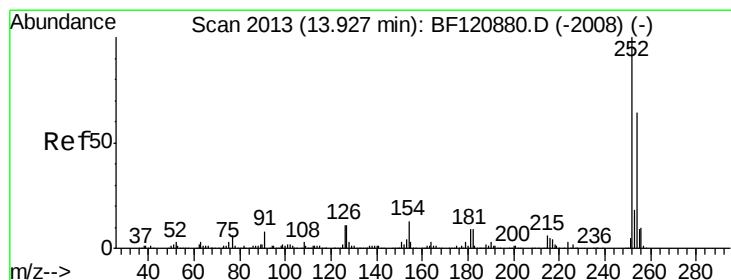
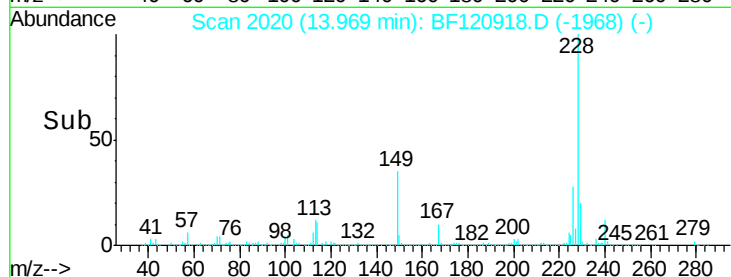
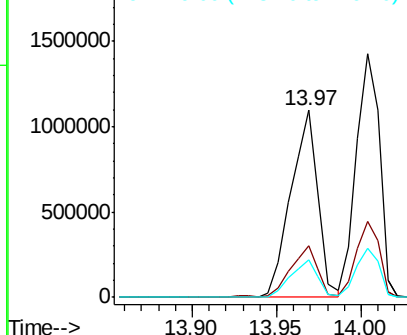
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.451 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

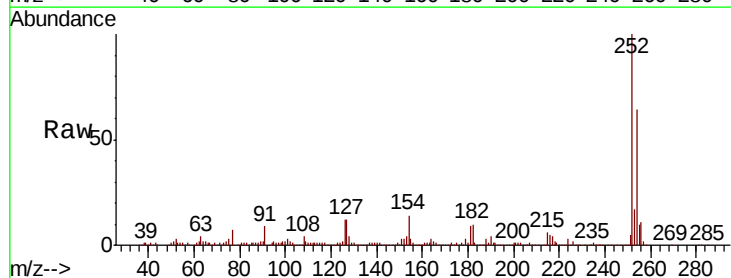
Tgt Ion:252 Resp: 405143

Ion Ratio Lower Upper

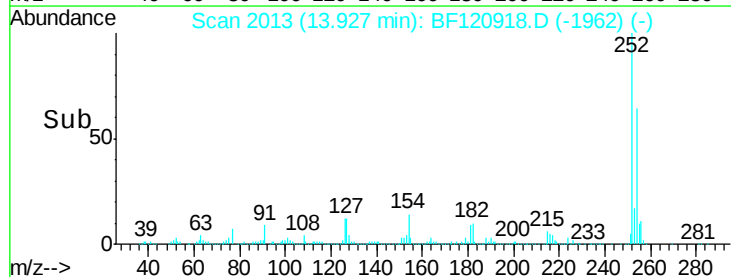
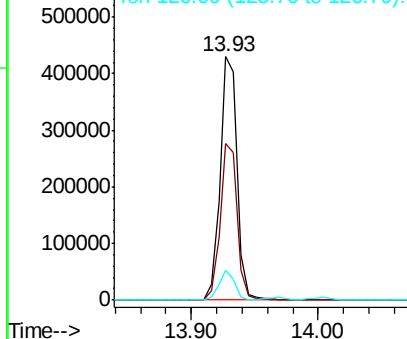
252 100

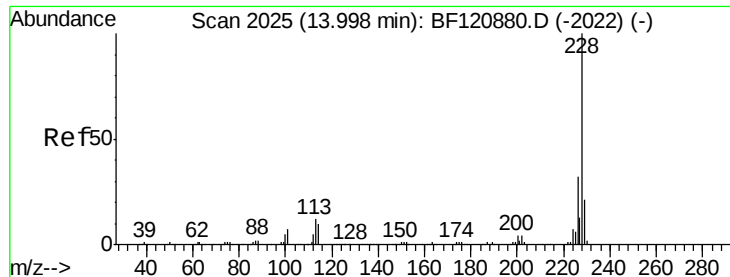
254 64.1 51.2 76.8

126 12.4 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





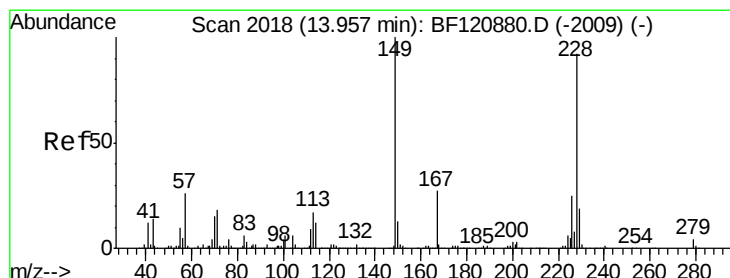
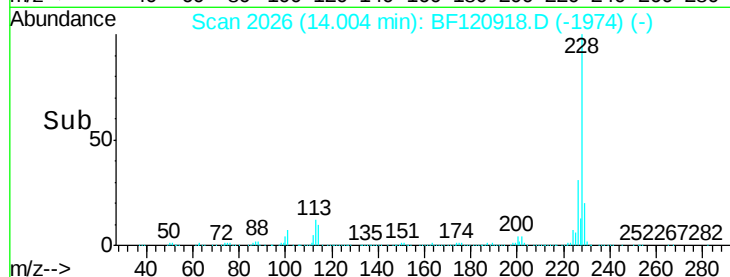
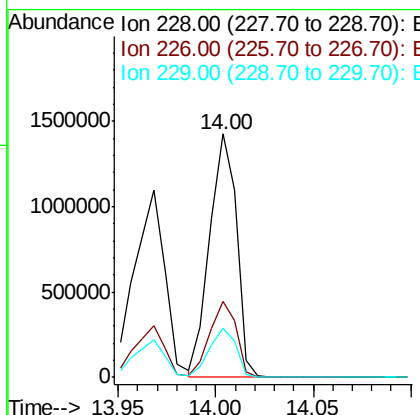
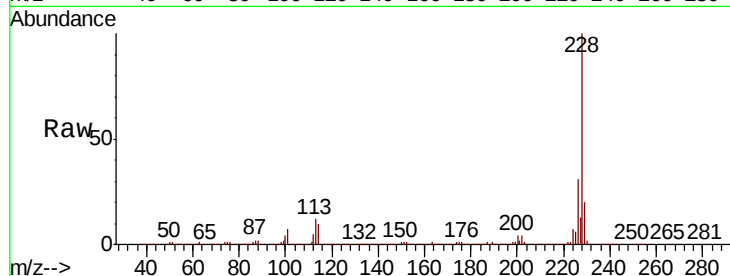
#83
Chrysene
Concen: 46.468 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion:228 Resp: 1363825
Ion Ratio Lower Upper
228 100
226 31.4 25.6 38.4
229 20.3 16.8 25.2

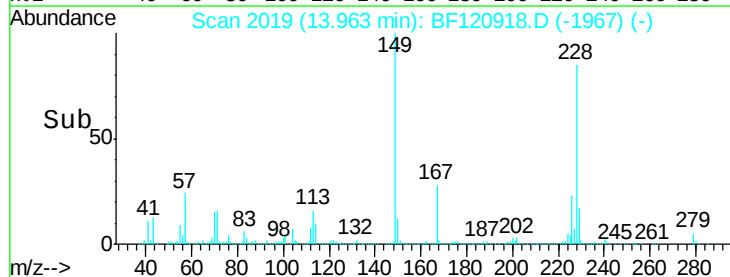
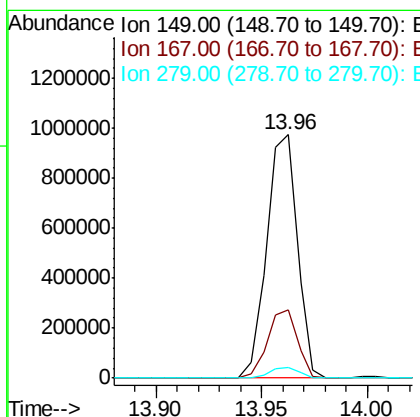
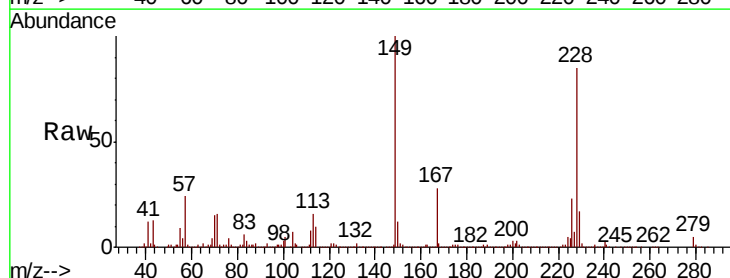
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.897 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:149 Resp: 983996
Ion Ratio Lower Upper
149 100
167 27.9 21.9 32.9
279 4.6 3.0 4.4#





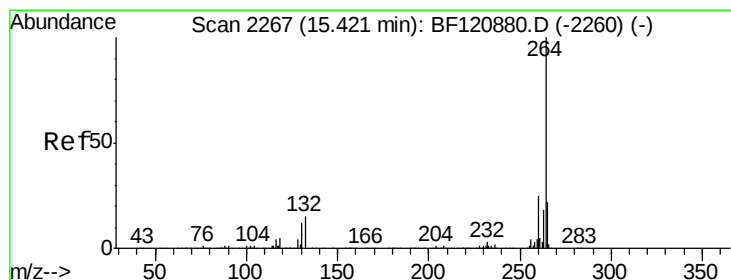
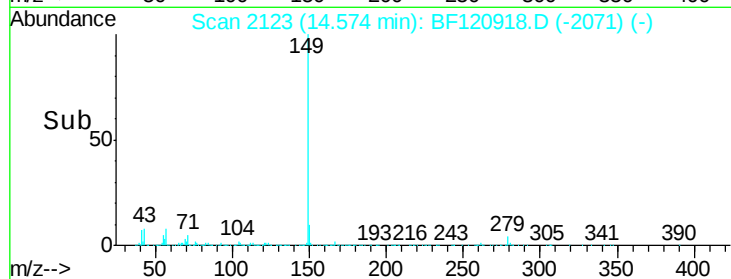
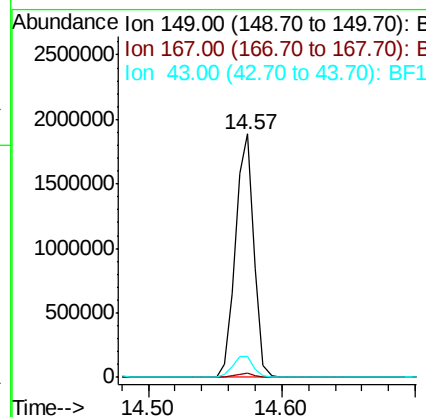
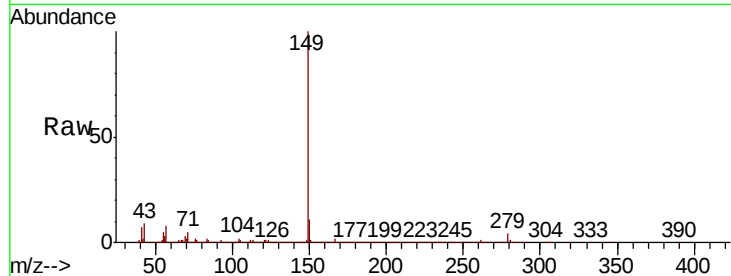
#85
Di-n-octyl phthalate
Concen: 51.202 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

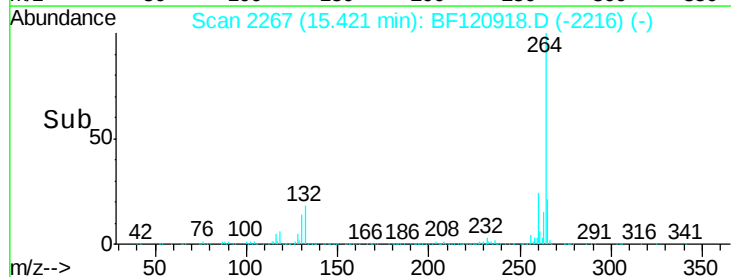
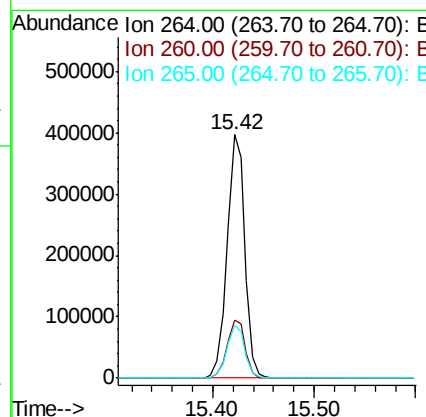
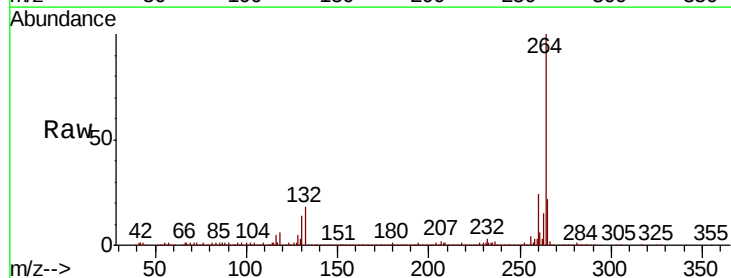
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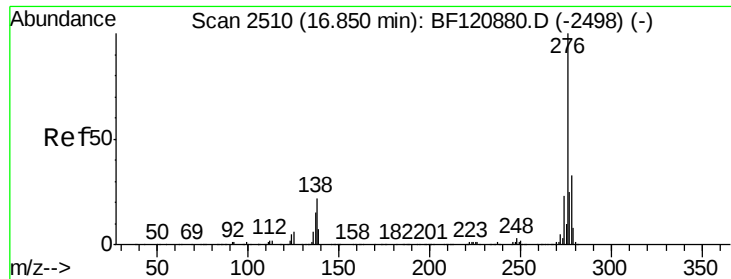
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.5	17.4	26.2





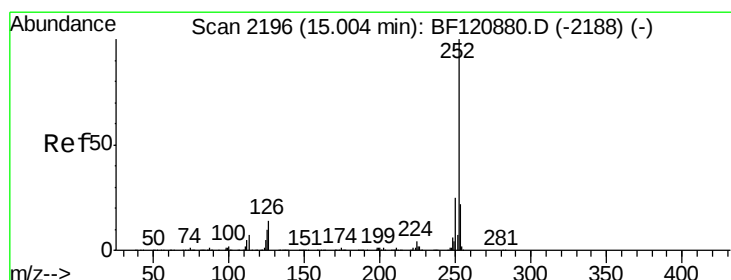
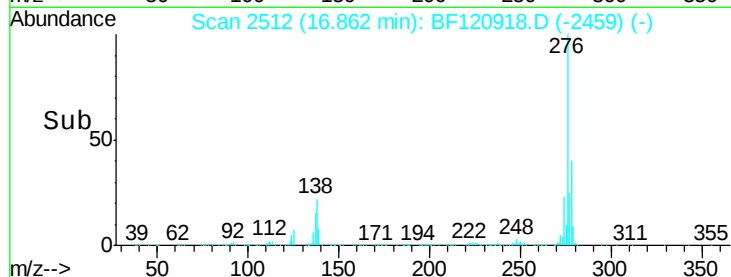
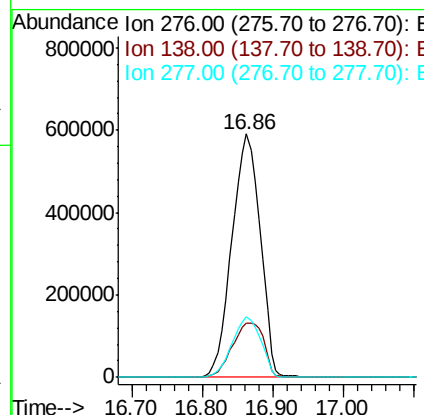
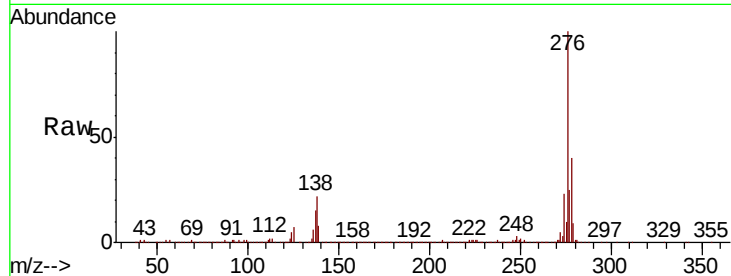
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.603 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.5	20.2	30.2

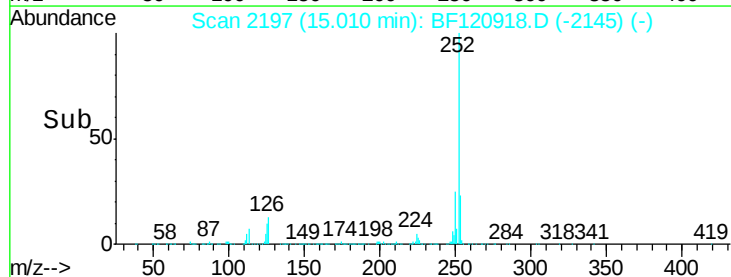
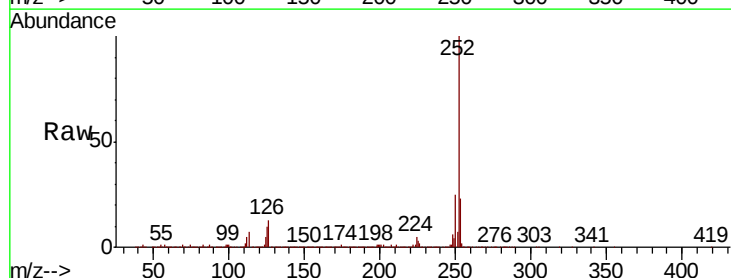
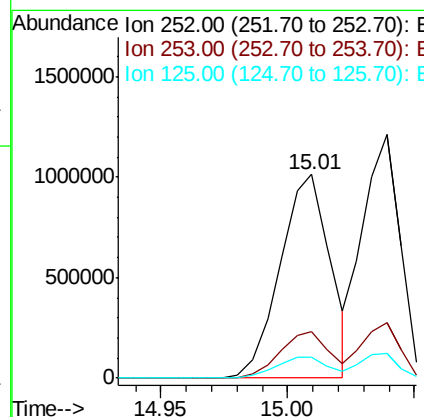
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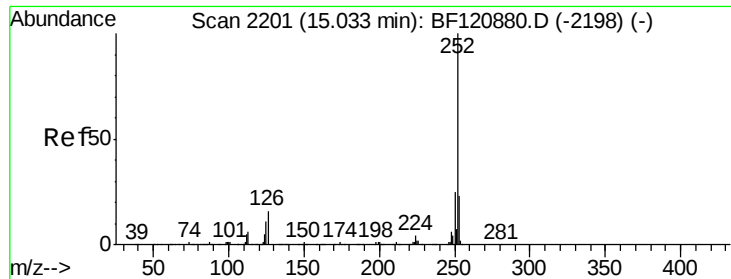
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#88
 Benzo(b)fluoranthene
 Concen: 48.088 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.3	8.3	12.5





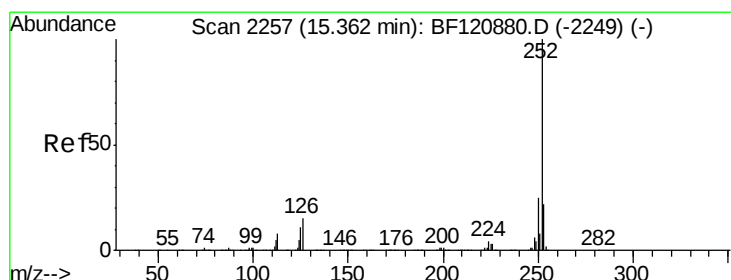
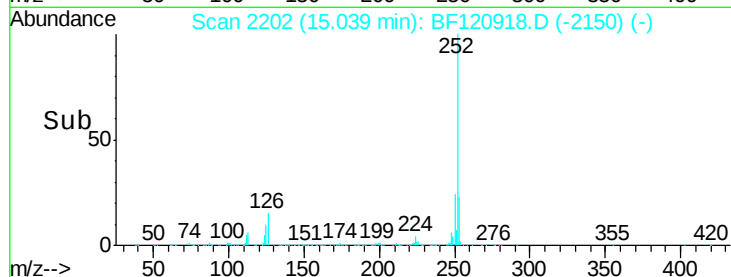
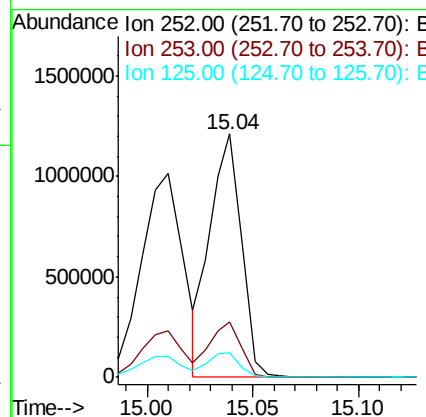
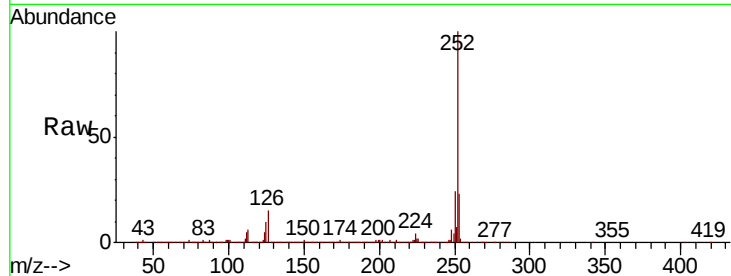
#89
Benzo(k)fluoranthene
Concen: 47.307 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:252 Resp: 1250136
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.1 8.4 12.6

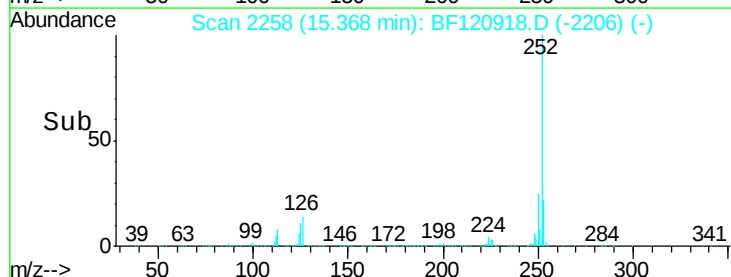
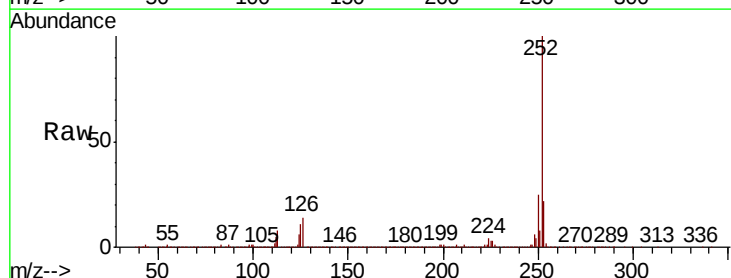
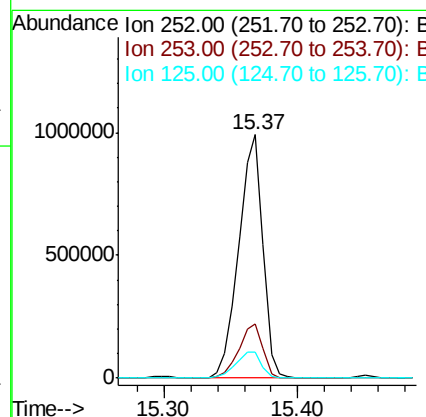
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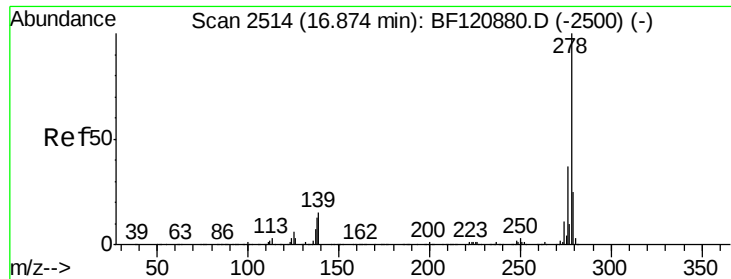
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#90
Benzo(a)pyrene
Concen: 47.208 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:252 Resp: 1248025
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 8.9 13.3





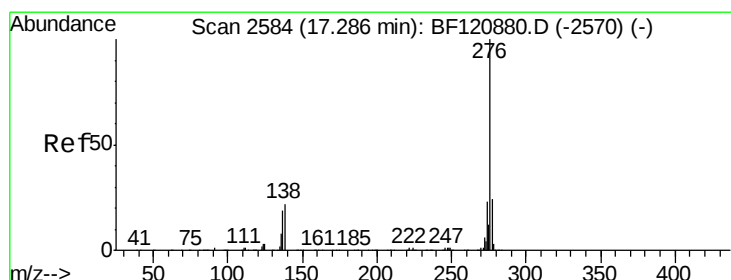
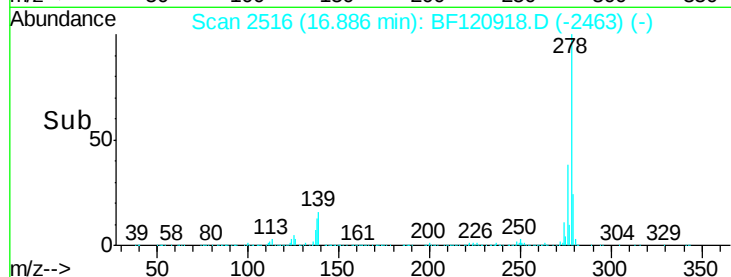
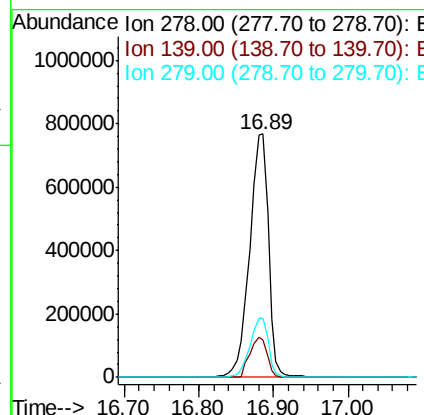
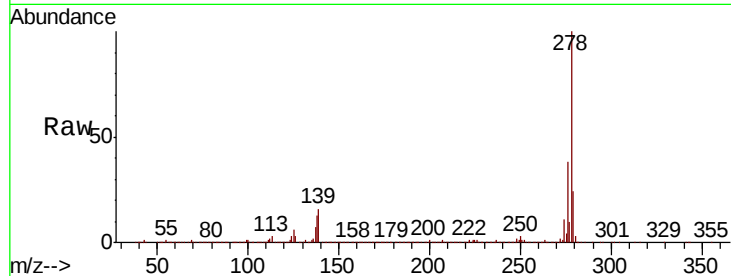
#91
Dibenzo(a,h)anthracene
Concen: 49.537 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:278 Resp: 1349005
Ion Ratio Lower Upper
278 100
139 15.6 12.3 18.5
279 24.2 20.1 30.1

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#92
Benzo(g,h,i)perylene
Concen: 50.925 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:276 Resp: 1367380
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.9 17.5 26.3

