

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120884.D
 Acq On : 16 Jul 2020 14:26
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Manual Integrations
 APPROVED

mohammad
 7/17/2020 12:30:05 PM

Quant Time: Jul 16 15:02:54 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	149769	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	561332	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	287148	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	545192	20.00	ng	0.00
76) Chrysene-d12	13.97	240	452476	20.00	ng	0.00
86) Perylene-d12	15.42	264	502350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	711711	77.90	ng	0.00
7) Phenol-d6	6.45	99	912273	77.30	ng	0.00
23) Nitrobenzene-d5	7.38	82	761955	78.54	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	252920	80.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1357079	70.56	ng	0.00
79) Terphenyl-d14	12.92	244	1567124	75.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	167156	39.756	ng	100
3) Pyridine	3.23	79	453553	40.550	ng	99
4) n-Nitrosodimethylamine	3.18	42	188260	39.362	ng	99
6) Aniline	6.47	93	597891	38.813	ng	100
8) 2-Chlorophenol	6.60	128	394850	39.233	ng	100
9) Benzaldehyde	6.36	77	227858	39.798	ng	98
10) Phenol	6.46	94	508863	39.199	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	386681	38.866	ng	99
12) 1,3-Dichlorobenzene	6.76	146	423302	38.788	ng	99
13) 1,4-Dichlorobenzene	6.83	146	422549	38.938	ng	99
14) 1,2-Dichlorobenzene	6.99	146	400032	38.966	ng	99
15) Benzyl Alcohol	6.96	79	326148	39.080	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	554360	38.658	ng	99
17) 2-Methylphenol	7.07	107	345530	38.735	ng	99
18) Hexachloroethane	7.33	117	155136	39.498	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	253526	37.780	ng	98
20) 3+4-Methylphenols	7.22	107	408429	35.993	ng	98
22) Acetophenone	7.23	105	480269	38.123	ng	99
24) Nitrobenzene	7.40	77	409841	39.198	ng	100
25) Isophorone	7.64	82	739361	38.188	ng	99
26) 2-Nitrophenol	7.72	139	203947	41.070	ng	100
27) 2,4-Dimethylphenol	7.75	122	316002	39.194	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	457953	38.749	ng	99
29) 2,4-Dichlorophenol	7.95	162	320553	38.908	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	355227	38.863	ng	99
31) Naphthalene	8.12	128	1107181	38.452	ng	100
32) Benzoic acid	7.86	122	272532	45.030	ng	98
33) 4-Chloroaniline	8.17	127	493446	38.416	ng	100
34) Hexachlorobutadiene	8.24	225	211800	39.306	ng	98
35) Caprolactam	8.54	113	103387m	39.132	ng	
36) 4-Chloro-3-methylphenol	8.65	107	328574	38.886	ng	100
37) 2-Methylnaphthalene	8.81	142	729290	39.008	ng	98
38) 1-Methylnaphthalene	8.91	142	688694	38.894	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	332468	39.739	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	190661	41.234	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	232715	39.506	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	269176	40.284	ng	98
46) 1,1'-Biphenyl	9.27	154	870174	39.727	ng	99
47) 2-Chloronaphthalene	9.30	162	698830	39.132	ng	100
48) 2-Nitroaniline	9.39	65	218544	40.495	ng	99
49) Acenaphthylene	9.72	152	1079227	38.901	ng	100
50) Dimethylphthalate	9.58	163	802441	38.735	ng	100
51) 2,6-Dinitrotoluene	9.64	165	178736	40.160	ng	87
52) Acenaphthene	9.89	154	694538	39.377	ng	100
53) 3-Nitroaniline	9.80	138	222984	39.948	ng	97
54) 2,4-Dinitrophenol	9.90	184	86375	37.670	ng	99
55) Dibenzofuran	10.06	168	988757	38.765	ng	98
56) 4-Nitrophenol	9.96	139	169948	40.081	ng	97
57) 2,4-Dinitrotoluene	10.04	165	240778	41.197	ng	99
58) Fluorene	10.40	166	713177	37.489	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	206821	40.653	ng	99
60) Diethylphthalate	10.27	149	832126	39.713	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	365590	36.031	ng	98
62) 4-Nitroaniline	10.42	138	221237	40.689	ng	99
63) Azobenzene	10.56	77	776208	38.911	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	119681	38.736	ng	97
66) n-Nitrosodiphenylamine	10.51	169	681405	39.731	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	243374	40.039	ng	# 90
68) Hexachlorobenzene	10.95	284	261310	39.741	ng	99
69) Atrazine	11.04	200	164761	38.790	ng	100
70) Pentachlorophenol	11.14	266	160711	42.664	ng	100
71) Phenanthrene	11.36	178	1096791	39.116	ng	100
72) Anthracene	11.42	178	1113448	39.546	ng	99
73) Carbazole	11.57	167	1101689	39.428	ng	99
74) Di-n-butylphthalate	11.90	149	1286361	39.894	ng	100
75) Fluoranthene	12.55	202	1218258	39.198	ng	97
77) Benzidine	12.67	184	496427	41.729	ng	99
78) Pyrene	12.77	202	1279265	39.989	ng	100
80) Butylbenzylphthalate	13.40	149	582281	40.831	ng	98
81) Benzo(a)anthracene	13.96	228	1061338	38.735	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	411048	39.764	ng	98
83) Chrysene	14.00	228	1144956	39.763	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	694950	39.519	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1406717	40.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1389204	39.764	ng	100
88) Benzo(b)fluoranthene	15.00	252	1189655	39.178	ng	100
89) Benzo(k)fluoranthene	15.03	252	1153331	41.647	ng	99
90) Benzo(a)pyrene	15.36	252	1120678	40.452	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1156629	40.529	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1102664	39.187	ng	99

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

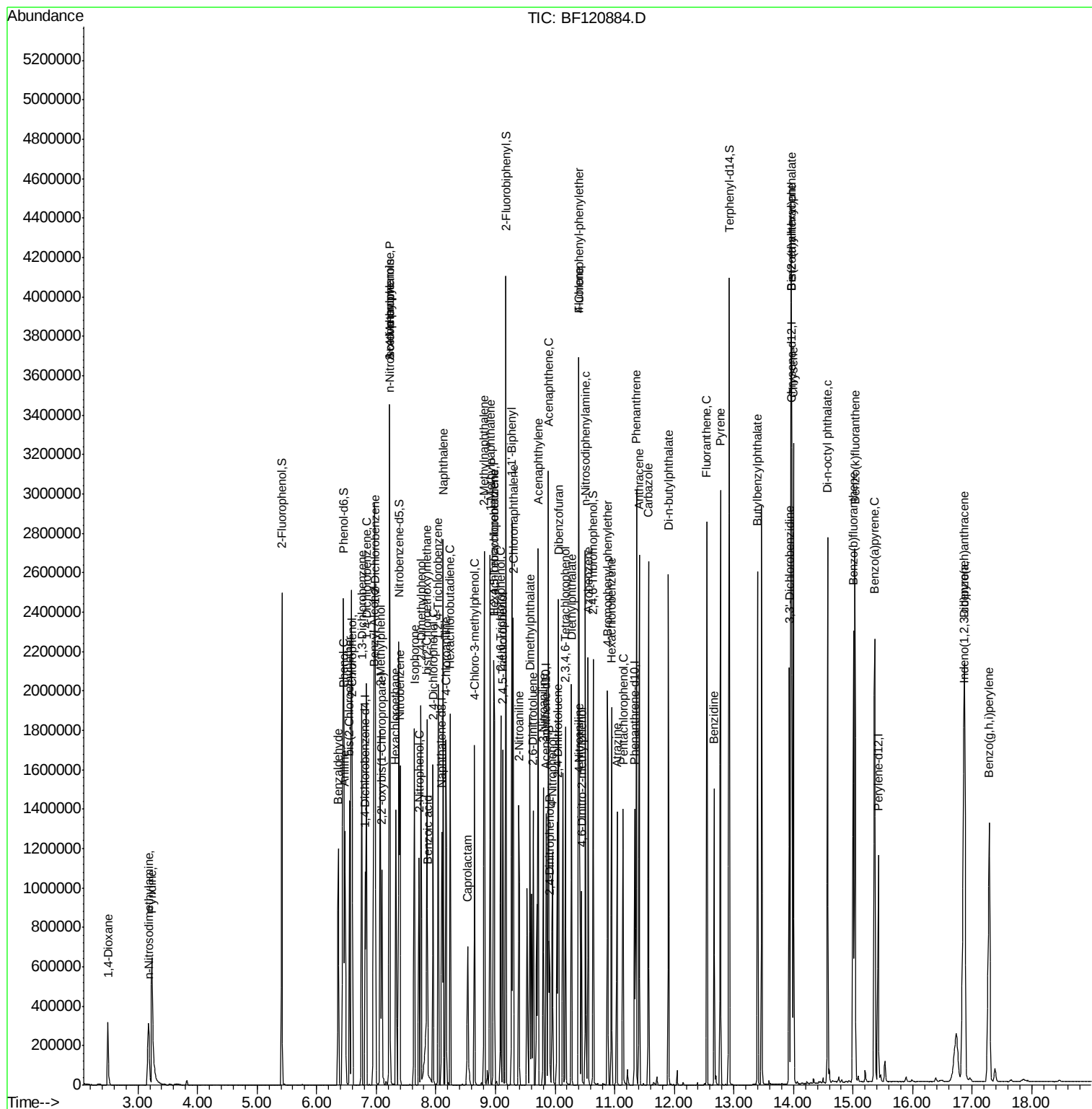
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#1

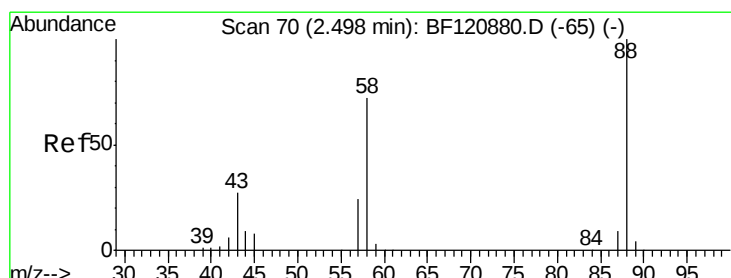
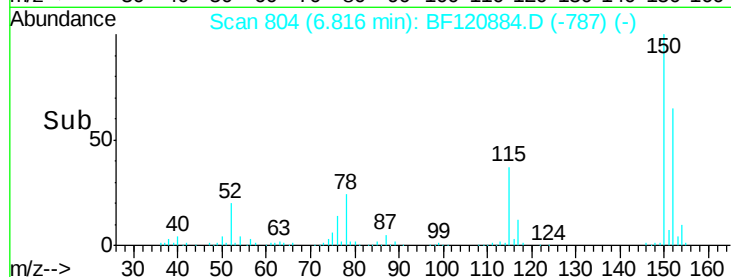
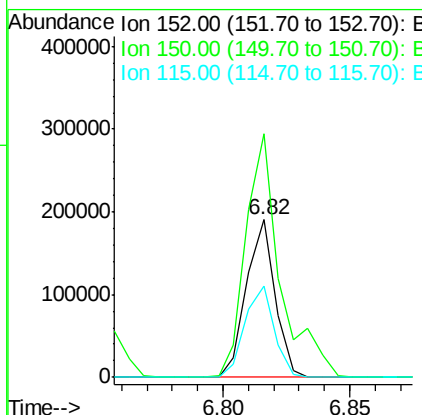
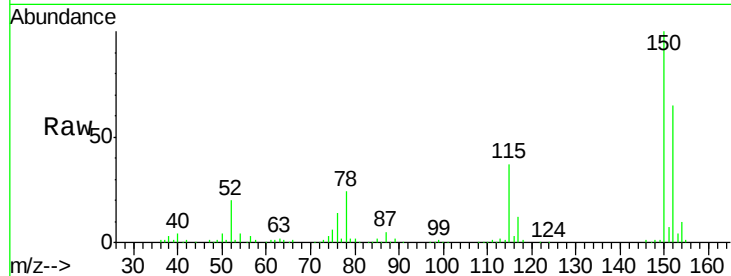
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.0	187.6
115	57.9	47.0	70.4

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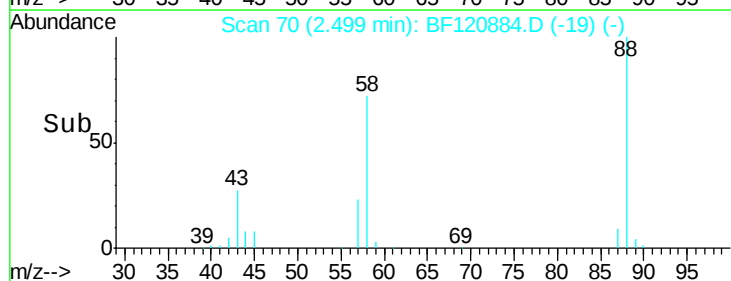
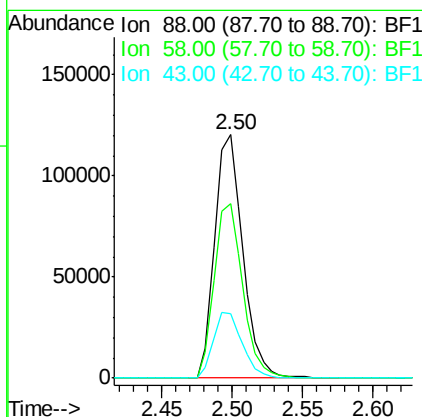
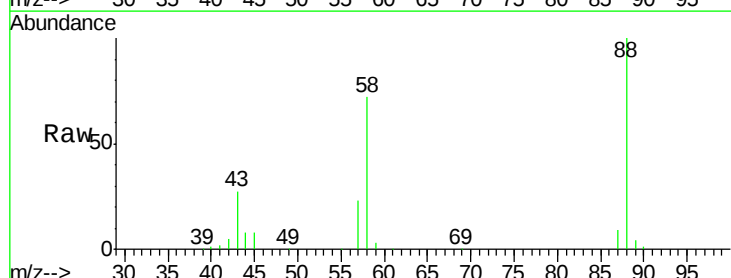
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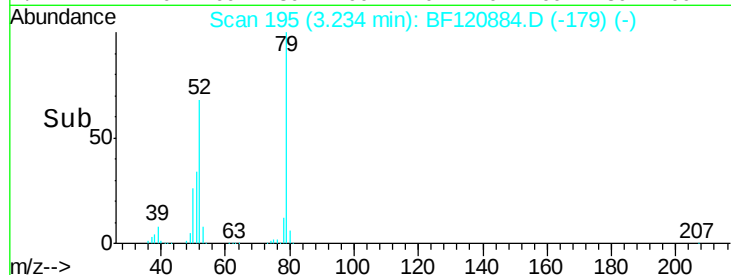
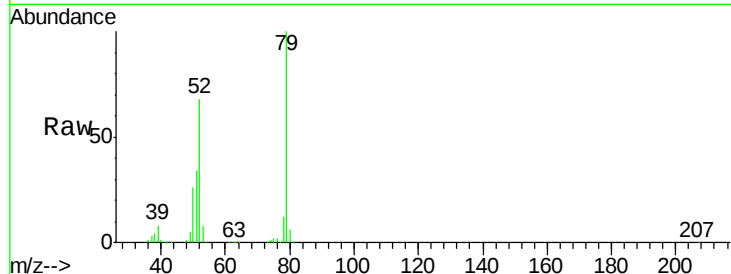


#2

1,4-Dioxane
Concen: 39.756 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	27.8	22.1	33.1





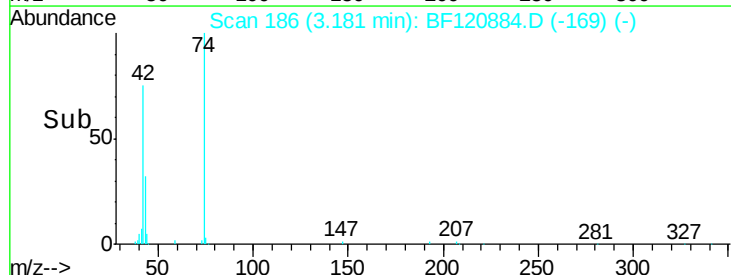
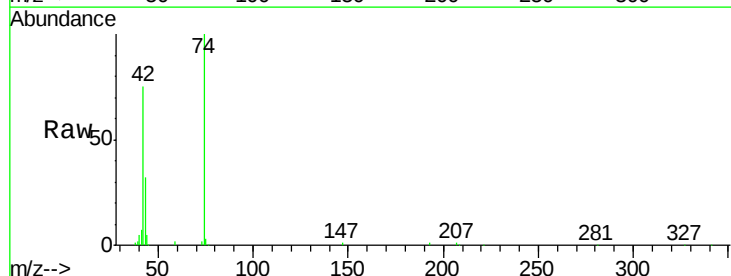
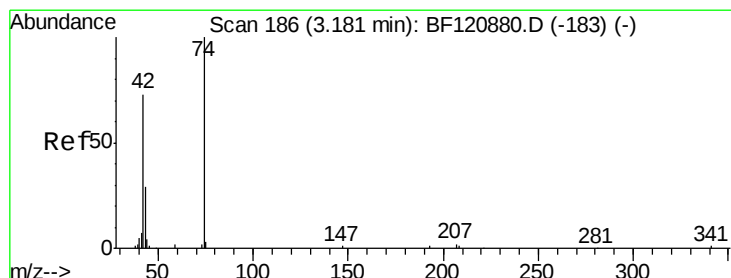
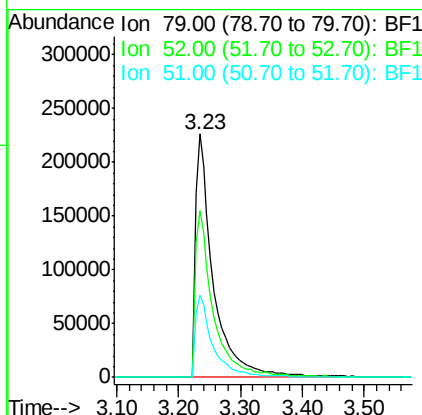
#3
 Pvrindine
 Concen: 40.550 ng
 RT: 3.23 min Scan# 195
 Delta R.T. -0.01 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	55.0	82.6
51	33.9	26.9	40.3

Instrument :
 BNA_F
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 ICVBF071620

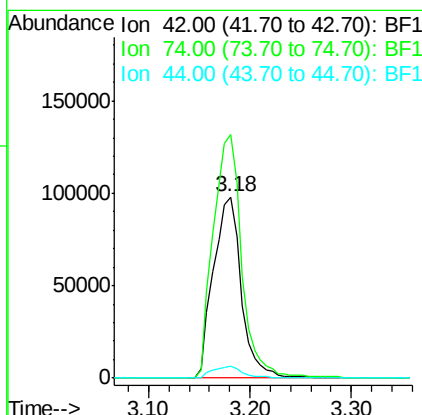
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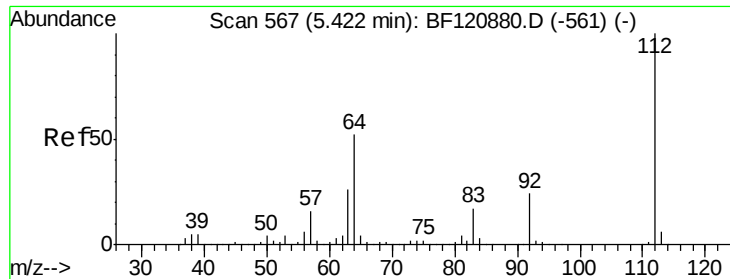
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#4
 n-Nitrosodimethylamine
 Concen: 39.362 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.2	108.7	163.1
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 77.903 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

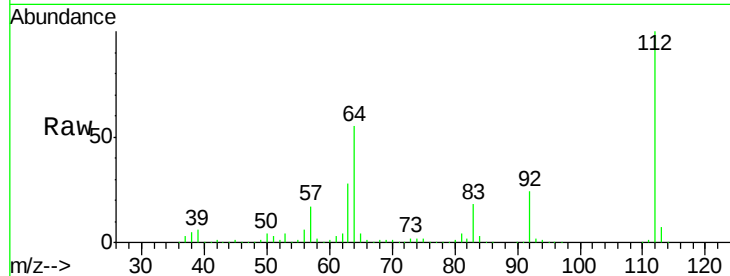
ClientSampleId :

ICVBF071620

Tot Ion:	112	Resp:	711711
Ion Ratio	Lower	Upper	
112	100		
64	55.3	41.3	61.9
63	28.4	21.1	31.7

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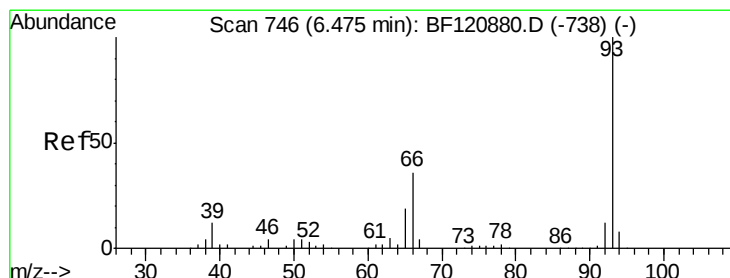
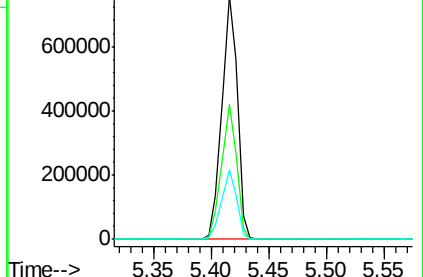
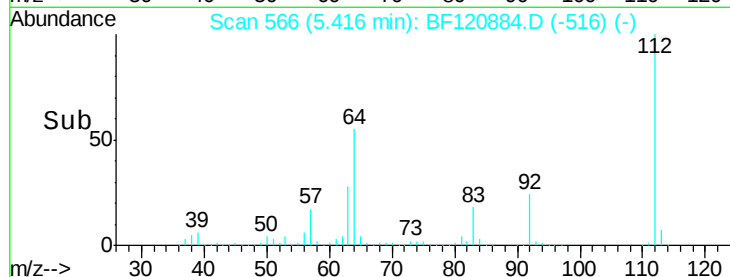
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.813 ng

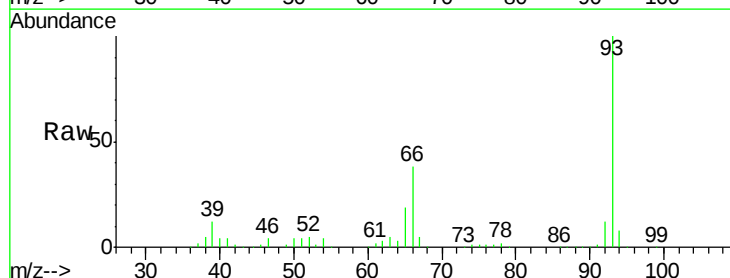
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

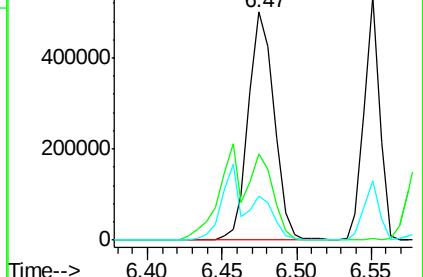
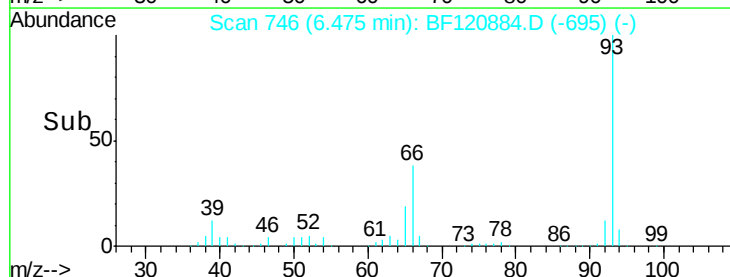
Tgt Ion:	93	Resp:	597891
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.2	45.4
65	19.3	15.8	23.6

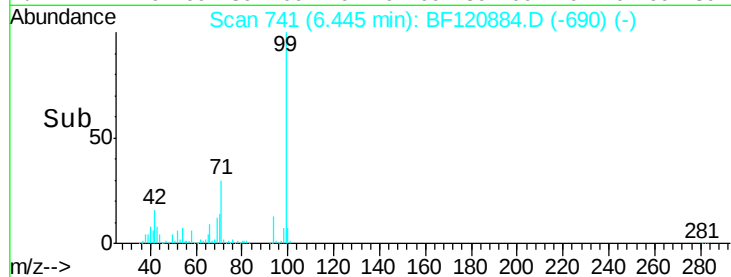
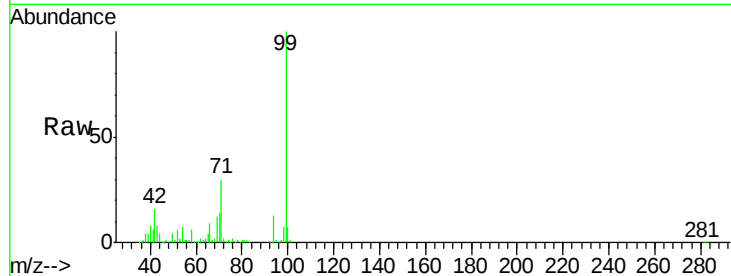


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.304 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tot Ion:	99	Resp:	912273
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.1	19.7
71	30.2	24.2	36.4

Instrument :

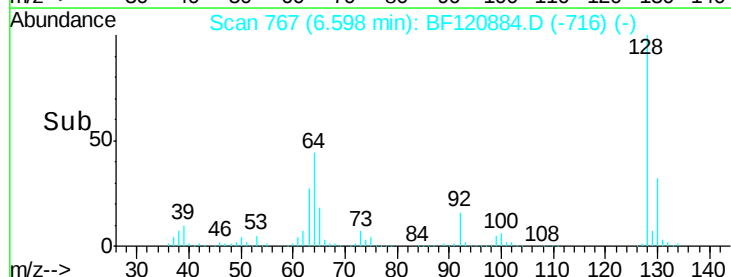
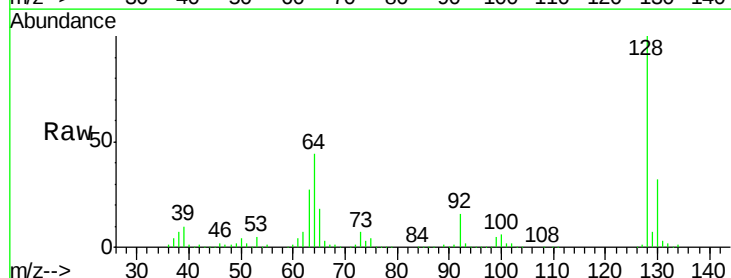
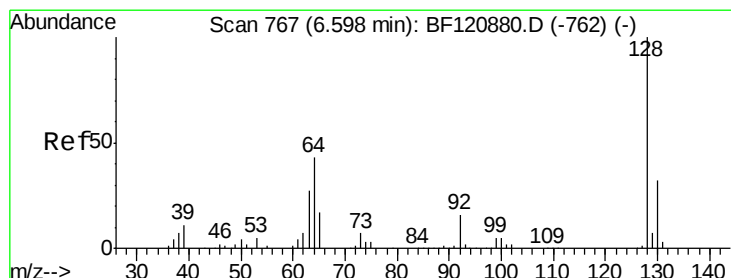
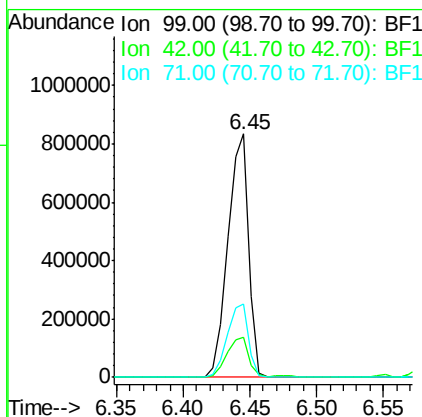
BNA_F

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#8

2-Chlorophenol

Concen: 39.233 ng

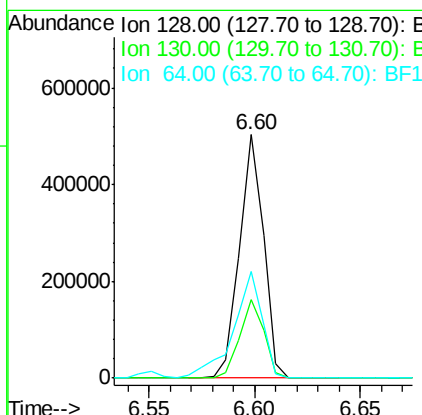
RT: 6.60 min Scan# 767

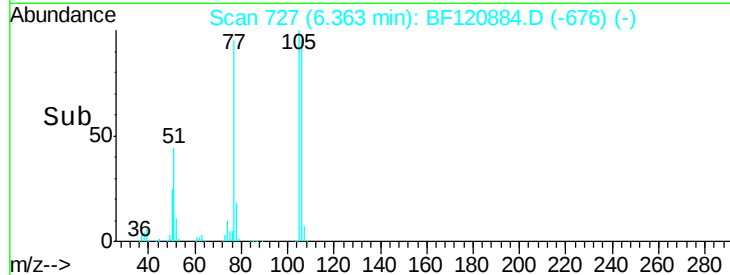
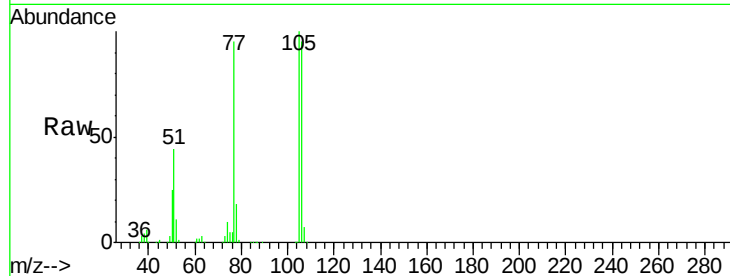
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	128	Resp:	394850
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.1	52.1
64	43.9	24.0	64.0





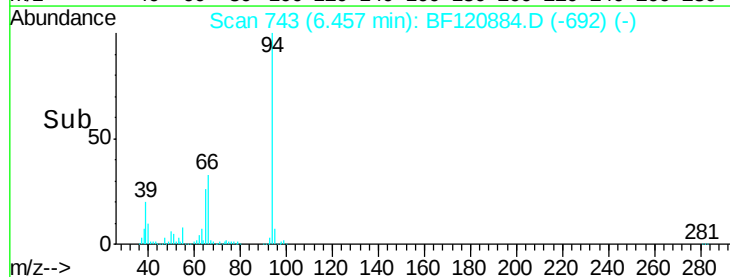
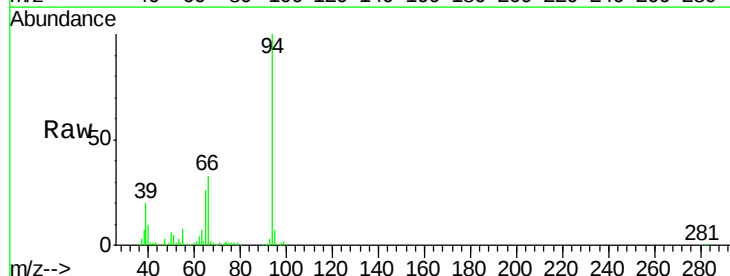
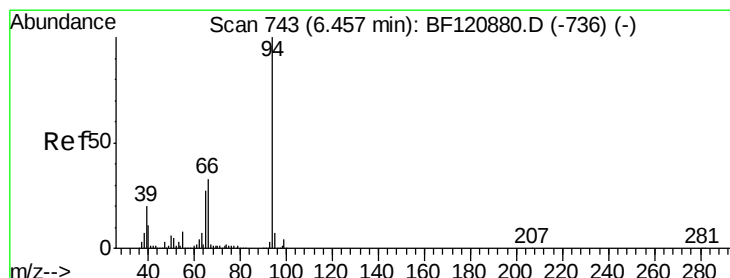
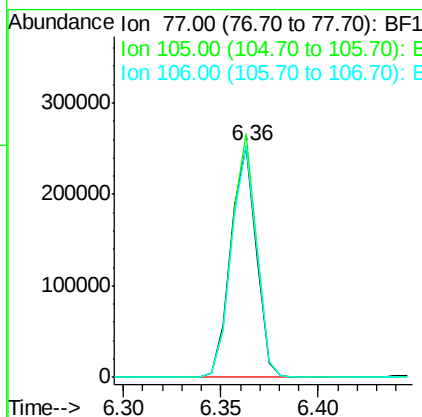
#9
Benzaldehyde
Concen: 39.798 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF120884.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.4	82.5	122.5		
106	100.6	78.7	118.7		

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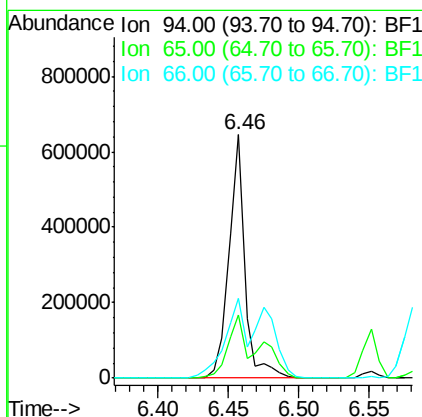
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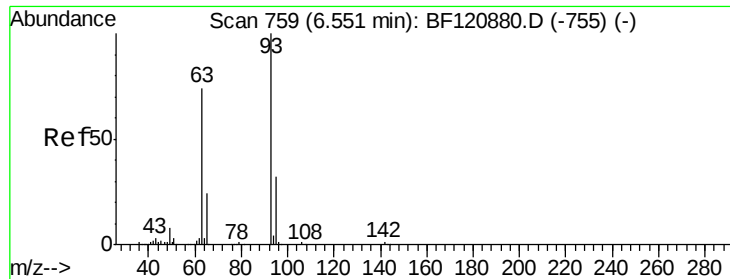
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#10
Phenol
Concen: 39.199 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.0	6.6	46.6		
66	32.6	13.2	53.2		





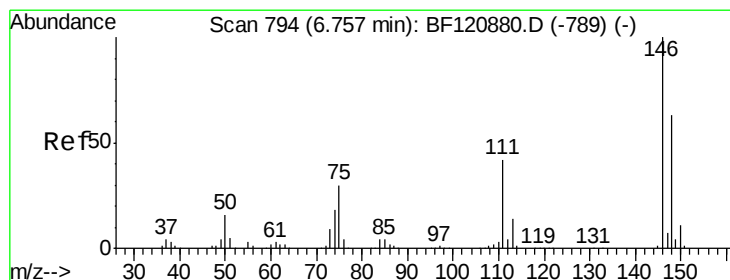
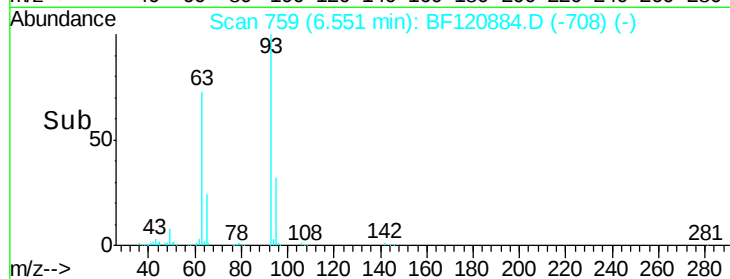
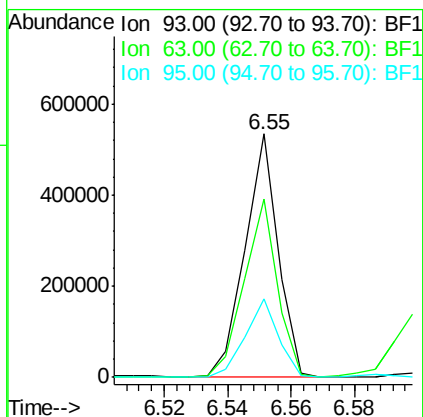
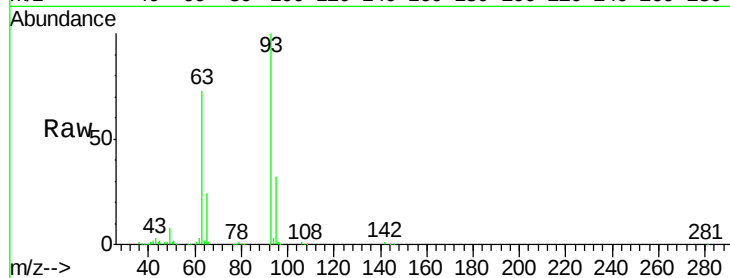
#11
bis(2-Chloroethyl)ether
Concen: 38.866 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	54.2	94.2
95	32.3	12.2	52.2

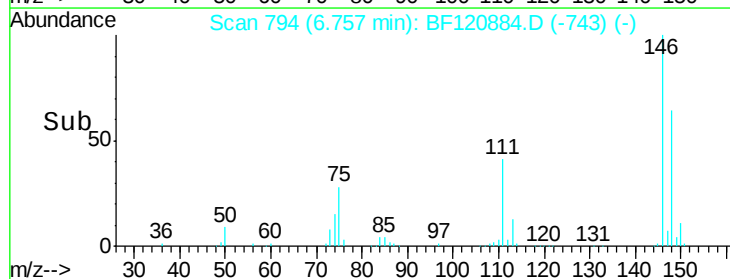
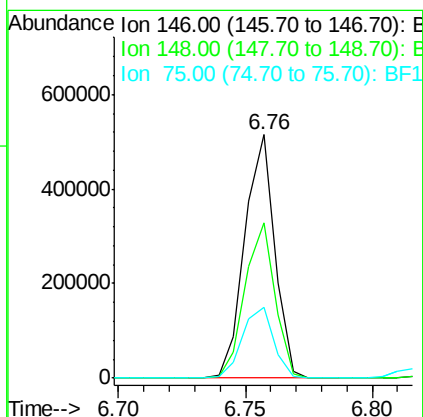
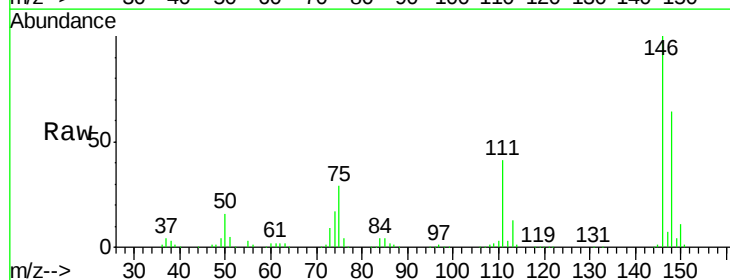
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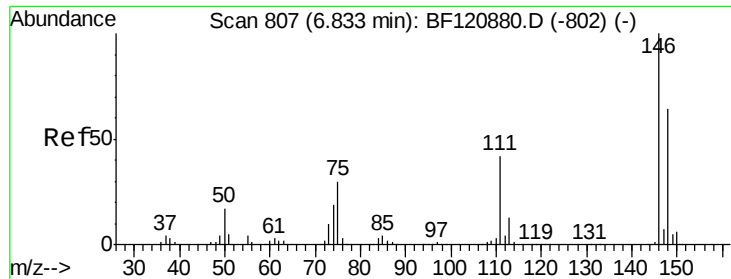
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.788 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	29.2	24.1	36.1





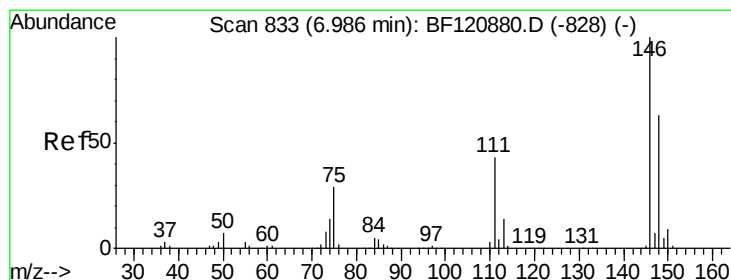
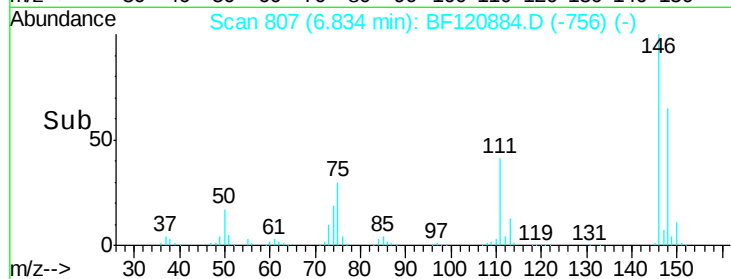
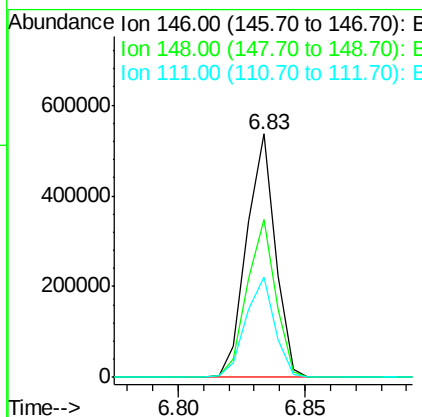
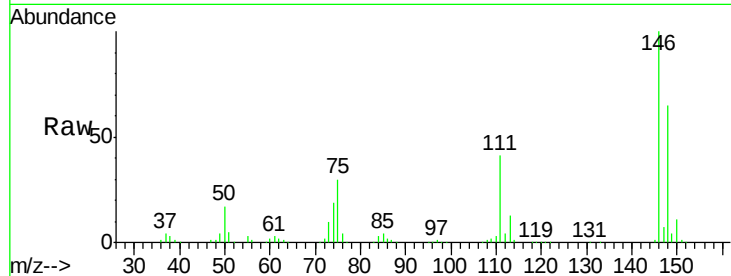
#13
 1,4-Dichlorobenzene
 Concen: 38.938 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	41.0	33.5	50.3

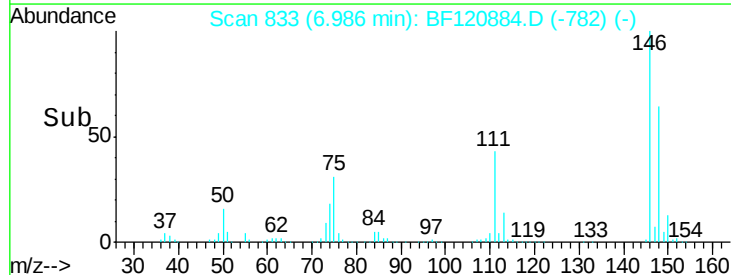
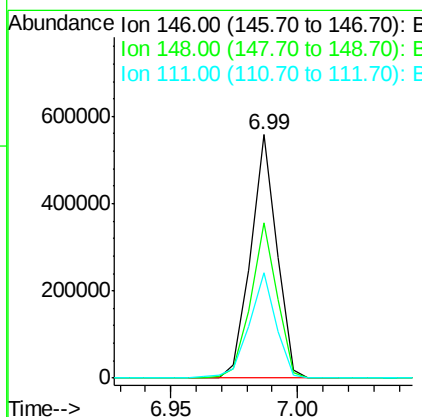
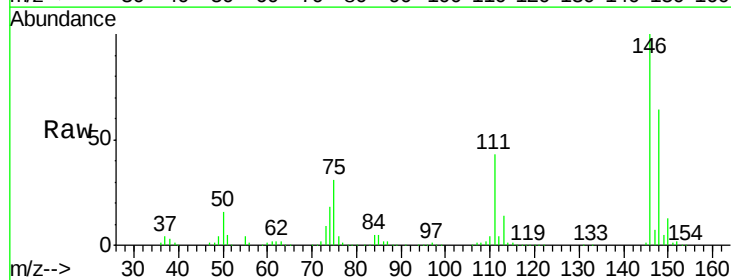
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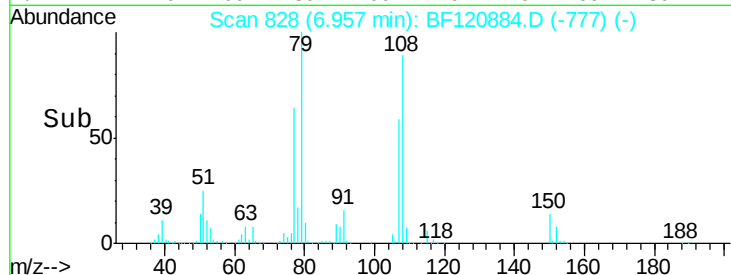
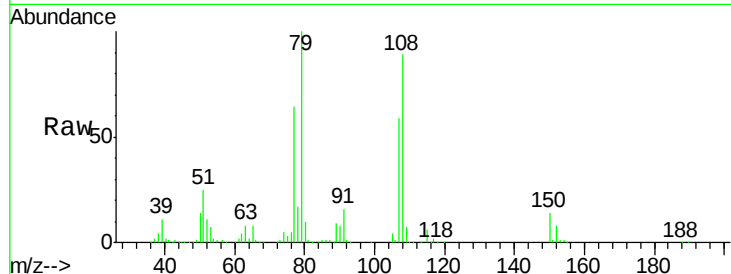
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#14
 1,2-Dichlorobenzene
 Concen: 38.966 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
111	43.5	34.2	51.2





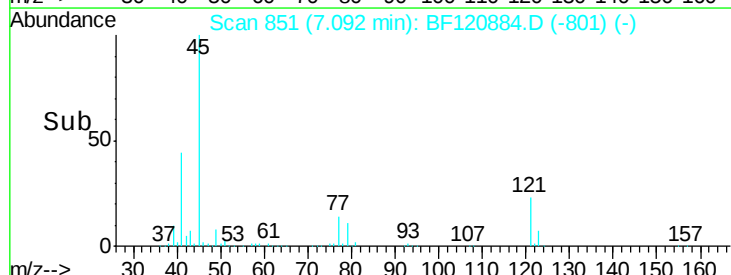
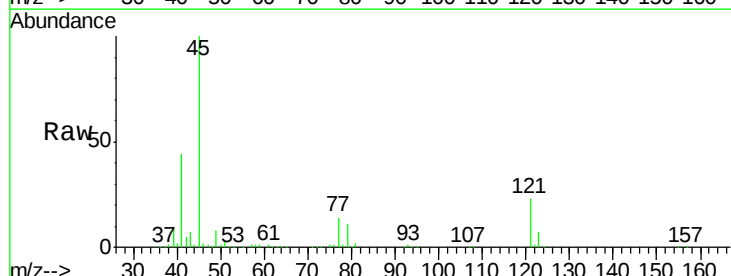
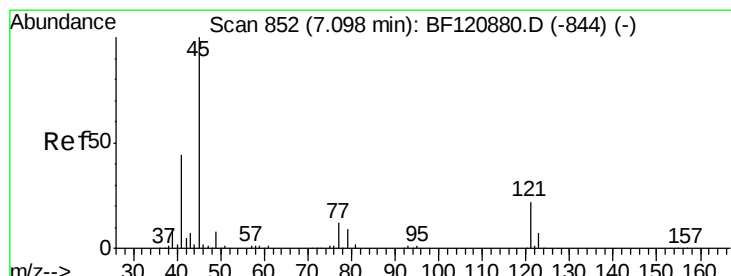
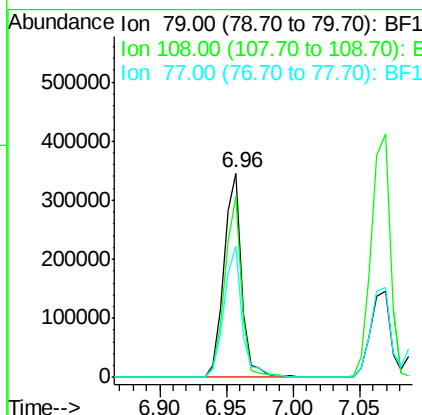
#15
Benzyl Alcohol
Concen: 39.080 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.6	67.0	100.6
77	63.9	51.0	76.4

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

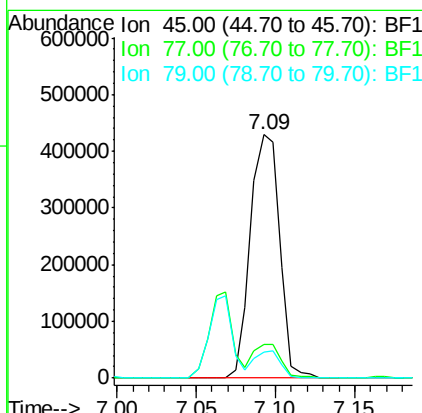
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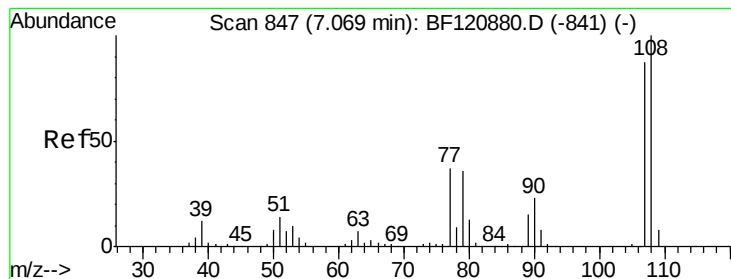
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.658 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.3
79	10.8	0.0	31.0





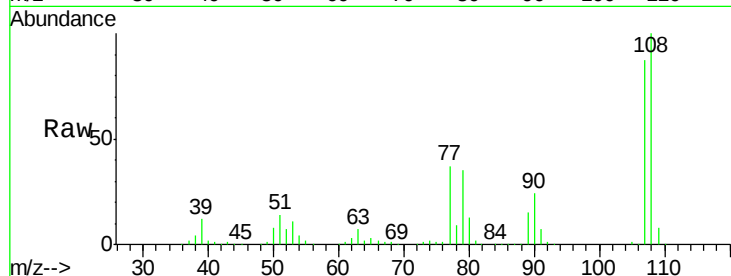
#17
2-Methylphenol
Concen: 38.735 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

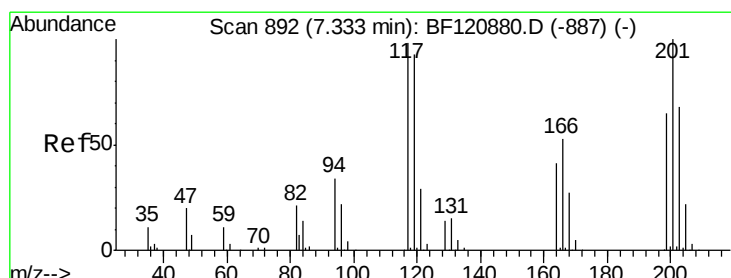
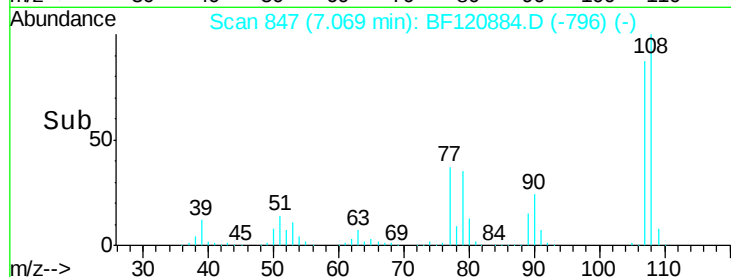
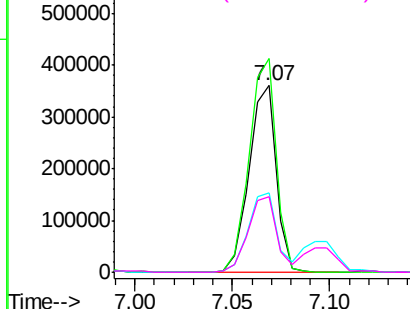
Tot Ion	Ratio	Resp	Lower	Upper
107	100	345530		
108	114.6	92.0	138.0	
77	42.5	34.0	51.0	
79	40.3	33.3	49.9	

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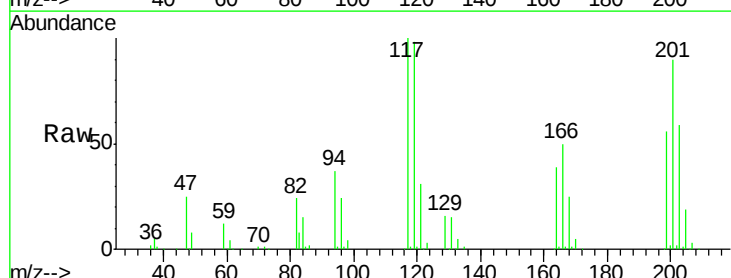


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

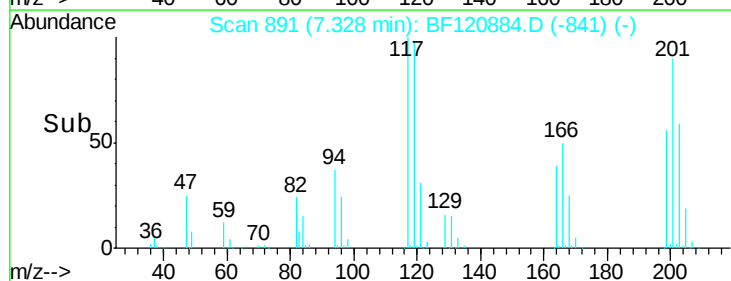
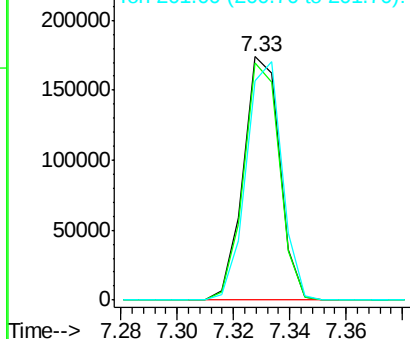


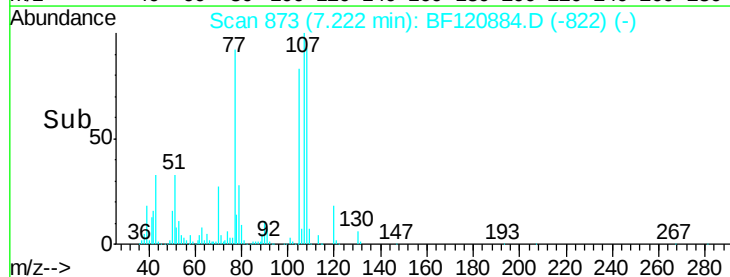
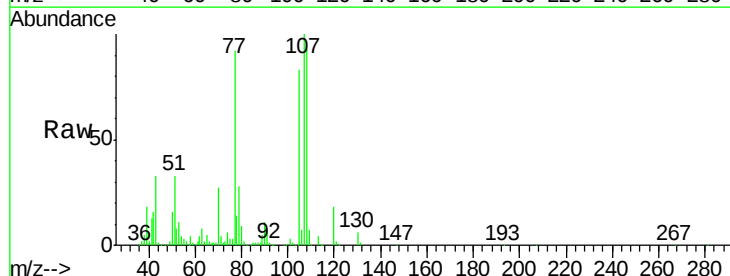
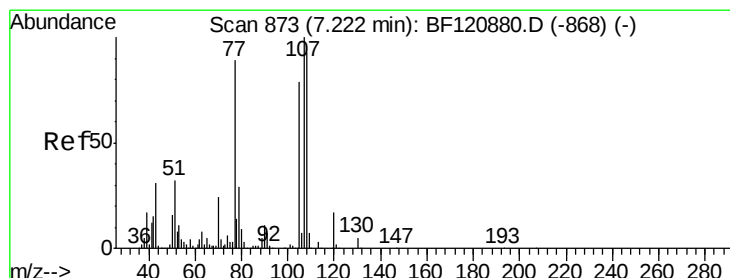
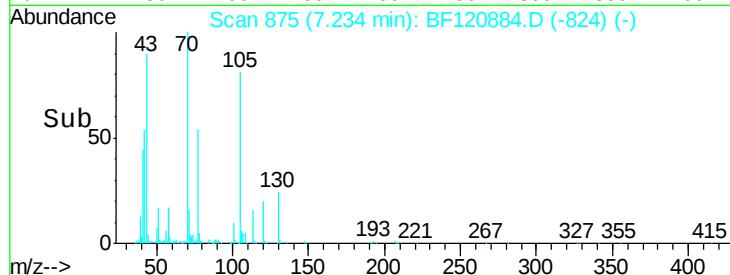
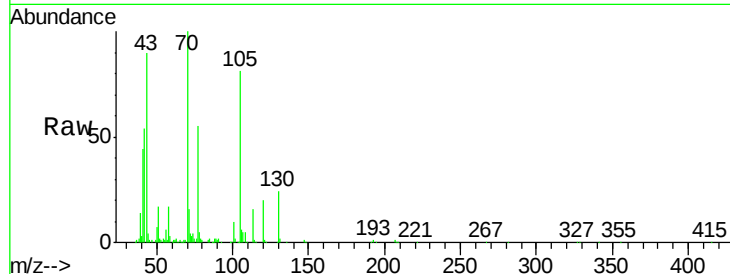
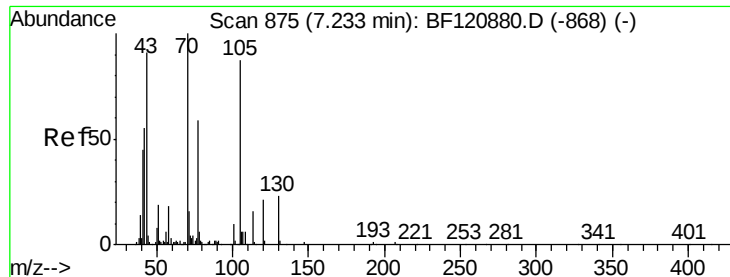
#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	155136		
119	97.6	76.0	114.0	
201	89.9	81.7	122.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





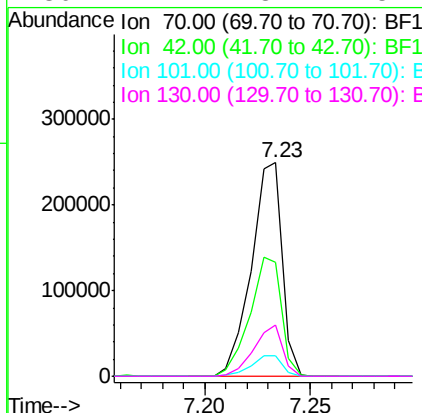
#19
n-Nitroso-di-n-propylamine
Concen: 37.780 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.0	66.0
101	9.6	7.8	11.6
130	24.1	18.7	28.1

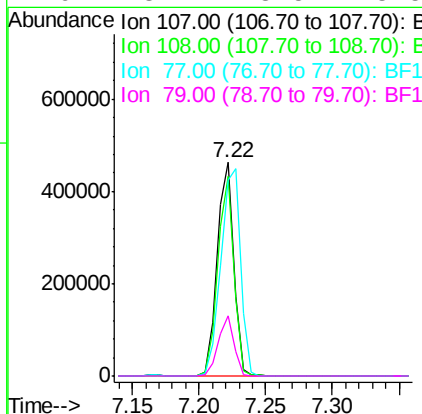
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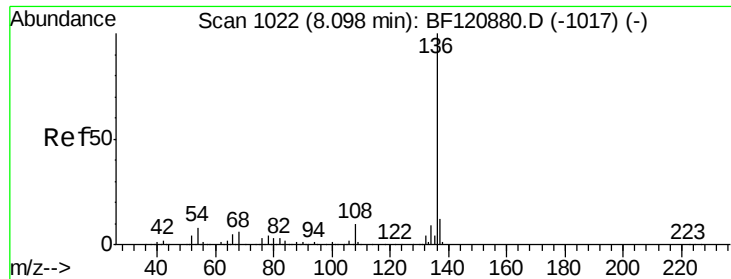
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#20
3+4-Methylphenols
Concen: 35.993 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	72.8	112.8
77	91.8	68.7	108.7
79	28.2	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

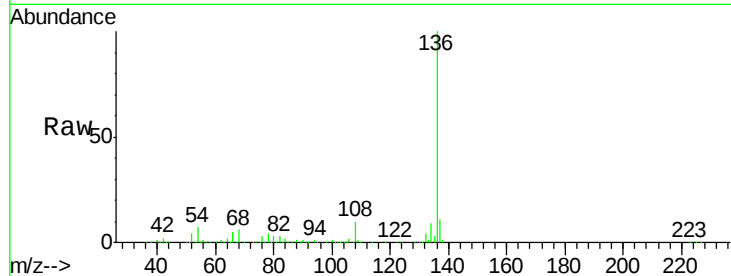
ClientSampleId :

ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
136	100	561332		
137	11.2	9.3	13.9	
54	7.4	6.3	9.5	
68	5.9	5.0	7.4	

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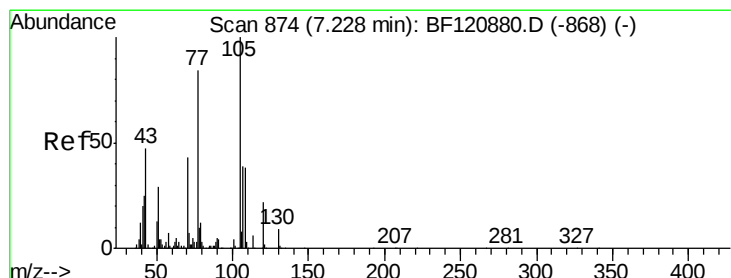
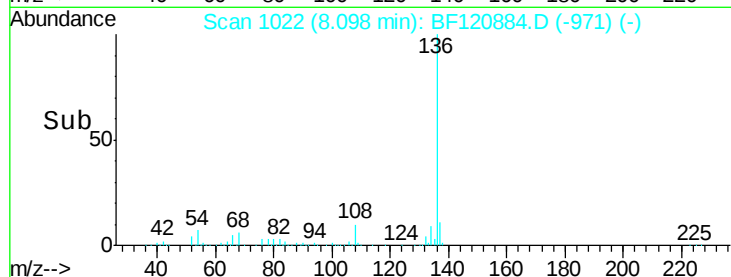
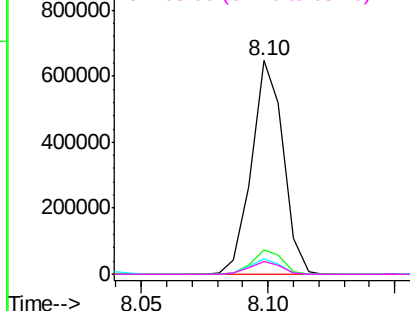


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.123 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

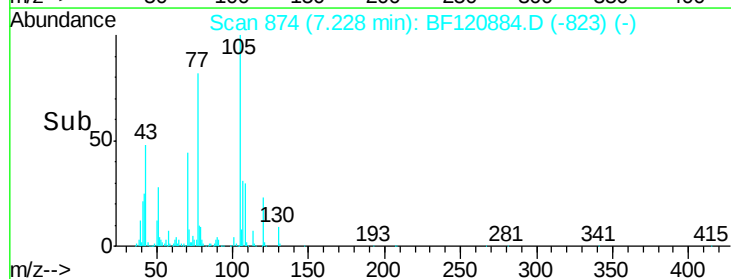
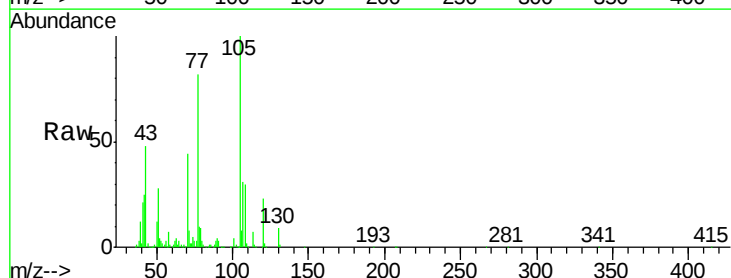
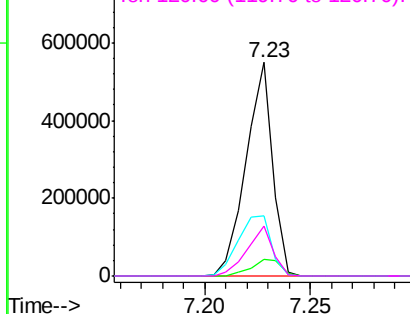
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	480269		
71	7.5	5.7	8.5	
51	27.9	22.9	34.3	
120	23.3	18.0	27.0	

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





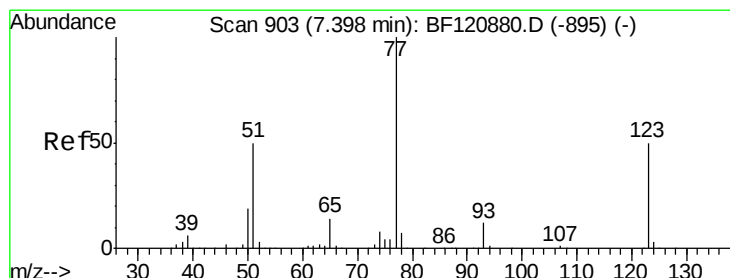
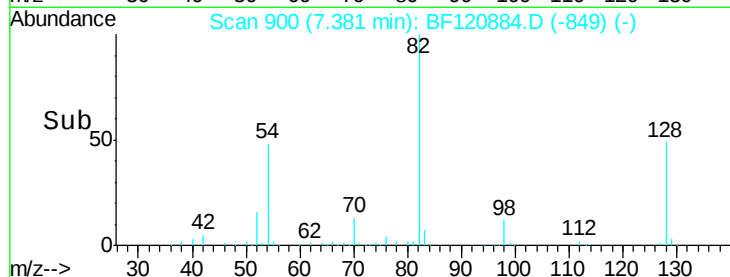
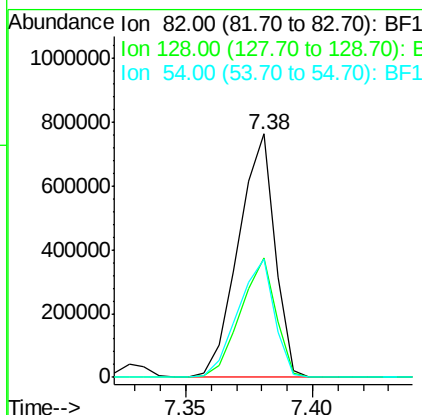
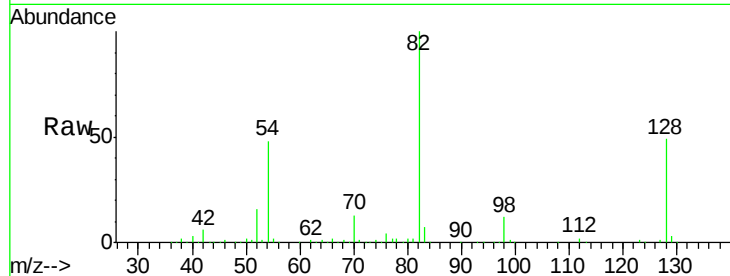
#23
 Nitrobenzene-d5
 Concen: 78.544 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.2	57.4
54	48.3	38.7	58.1

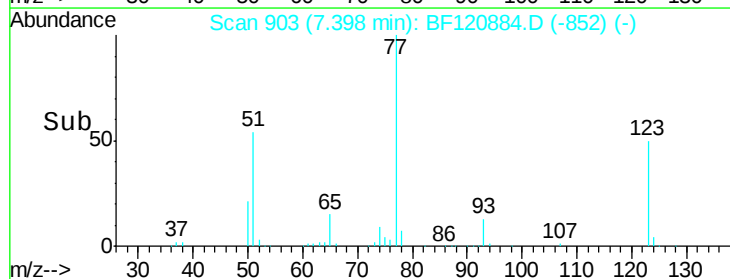
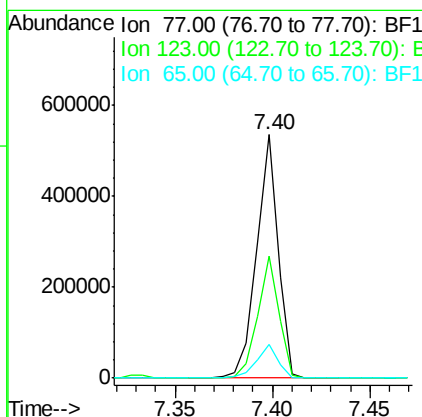
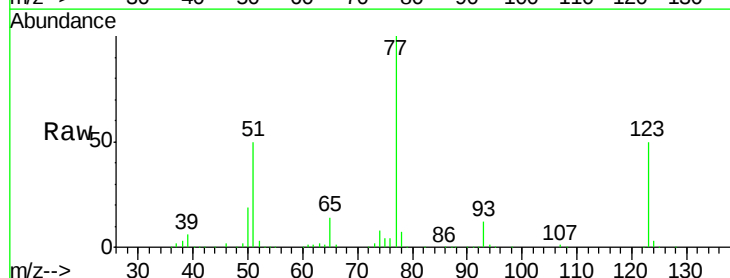
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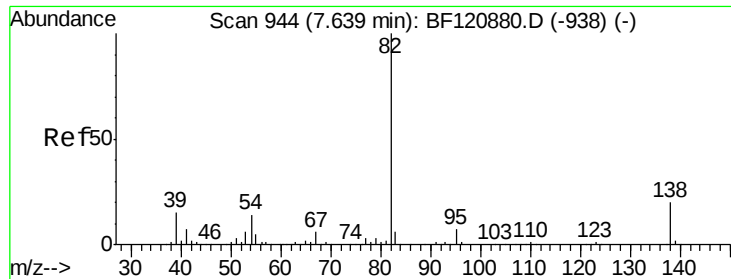
mohammad
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#24
 Nitrobenzene
 Concen: 39.198 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.1	60.1
65	13.6	10.8	16.2





#25

Isophorone

Concen: 38.188 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

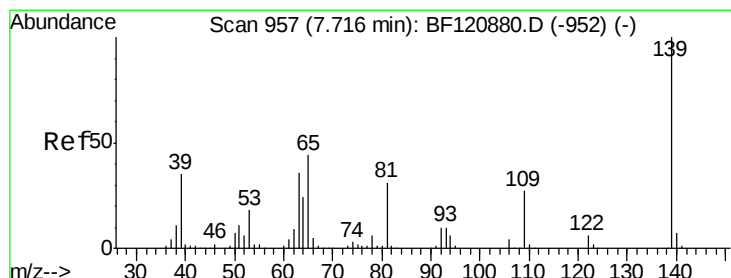
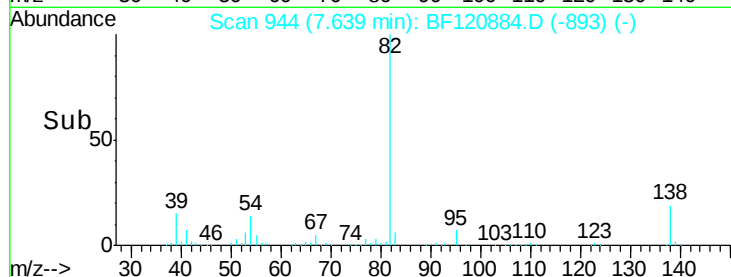
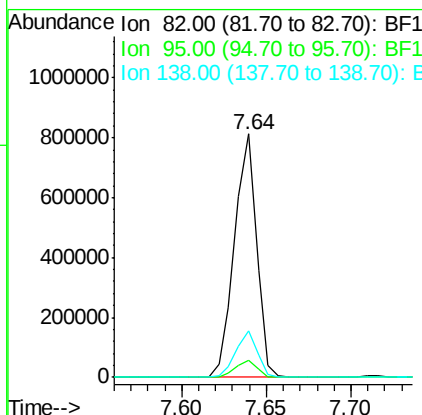
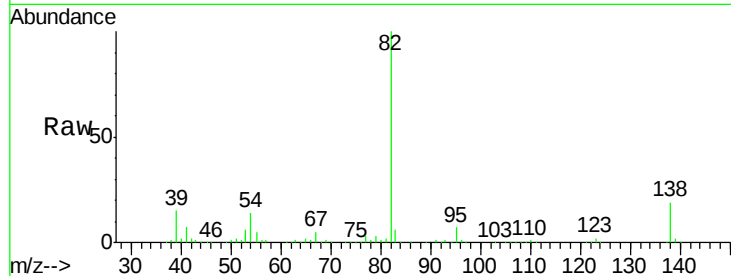
ClientSampleId :

ICVBF071620

Tot Ion:	82	Resp:	739361
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: 41.070 ng

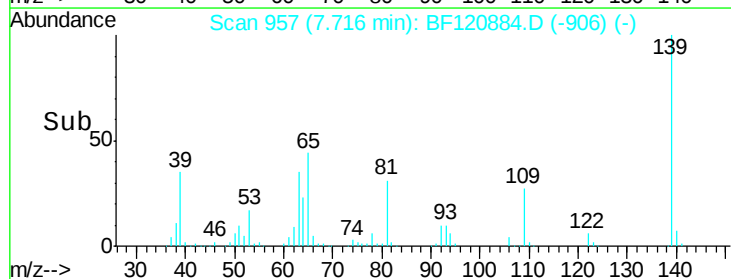
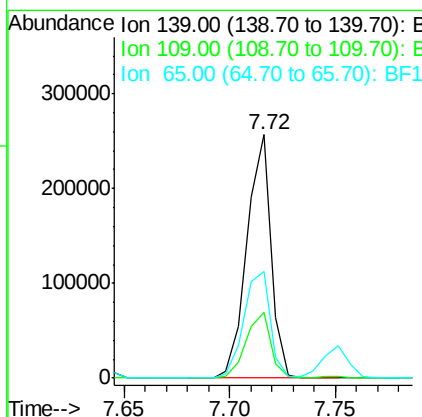
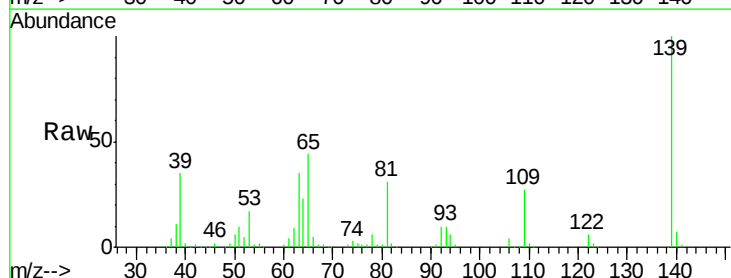
RT: 7.72 min Scan# 957

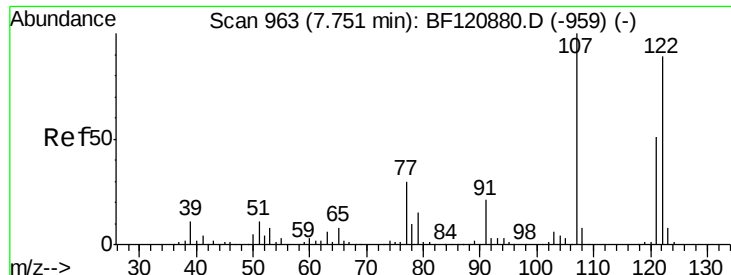
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	139	Resp:	203947
Ion Ratio	Lower	Upper	
139	100		
109	26.8	21.6	32.4
65	43.8	35.3	52.9





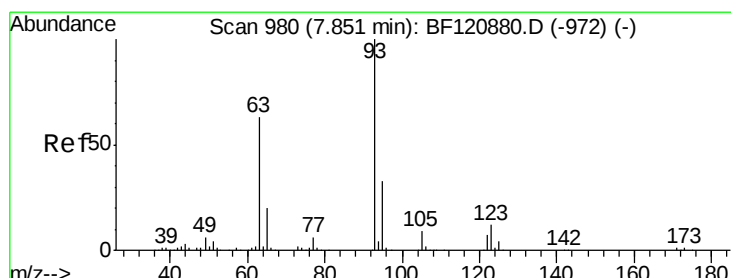
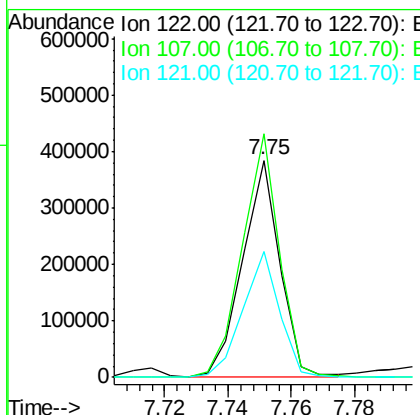
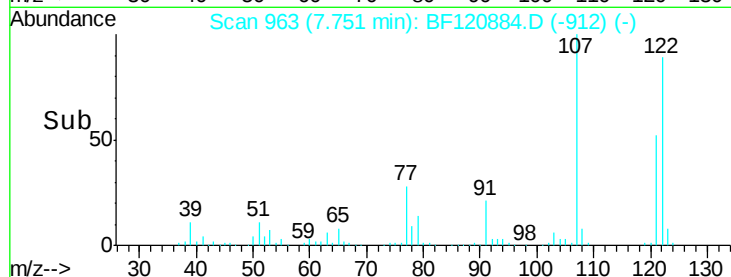
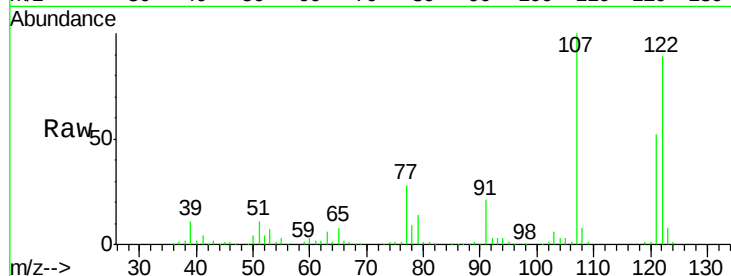
#27
2,4-Dimethylphenol
Concen: 39.194 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
122	100	316002		
107	112.1	89.4	134.0	
121	58.0	46.0	69.0	

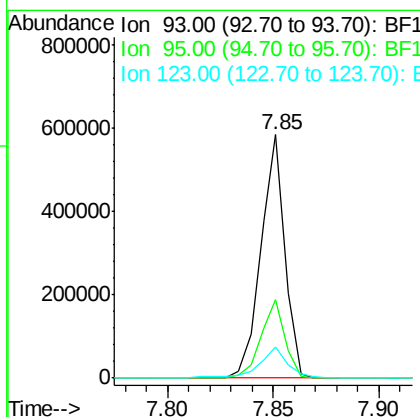
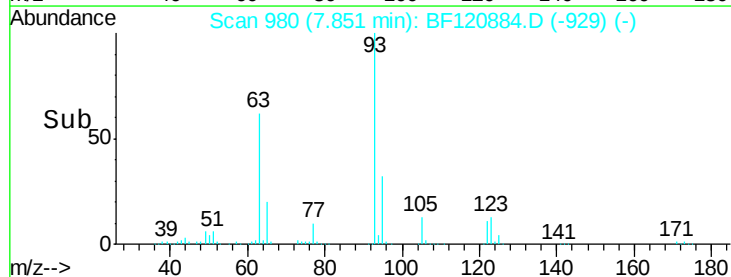
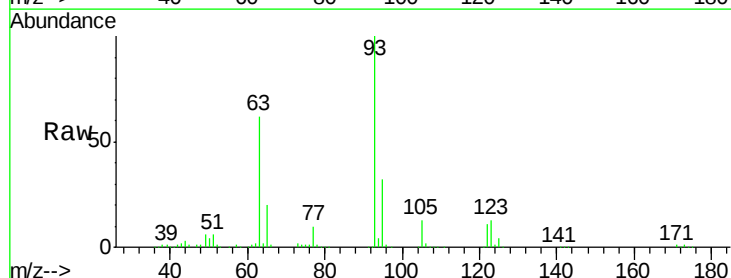
Manual Integrations
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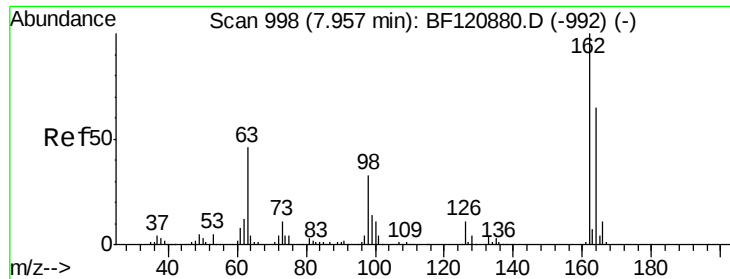
mohammad
7/17/2020 12:30:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.749 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457953		
95	32.4	26.6	39.8	
123	12.6	10.0	15.0	





#29

2,4-Dichlorophenol

Concen: 38.908 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

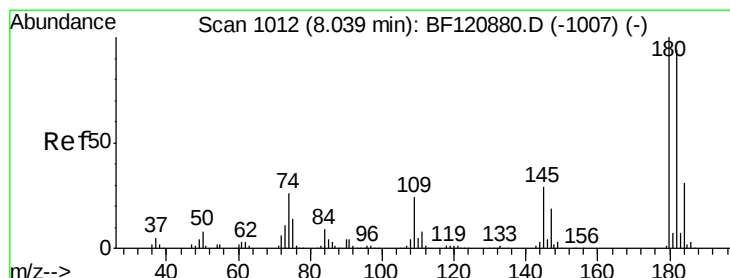
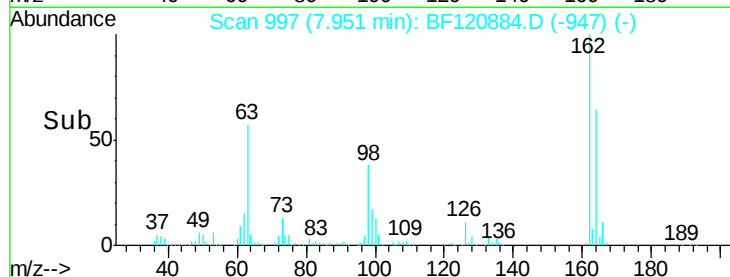
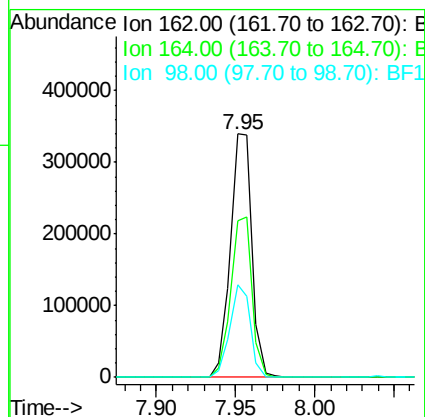
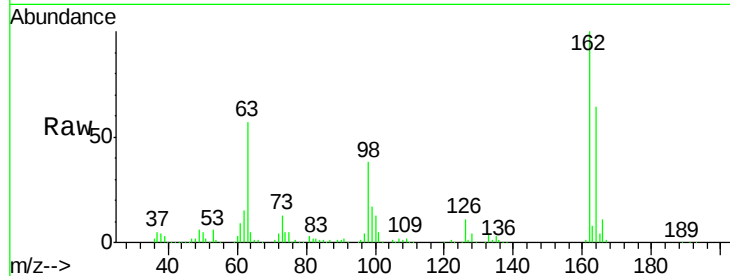
ClientSampleId :

ICVBF071620

Tot Ion:	162	Resp:	320553
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.3	85.3
98	38.0	13.3	53.3

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#30

1,2,4-Trichlorobenzene

Concen: 38.863 ng

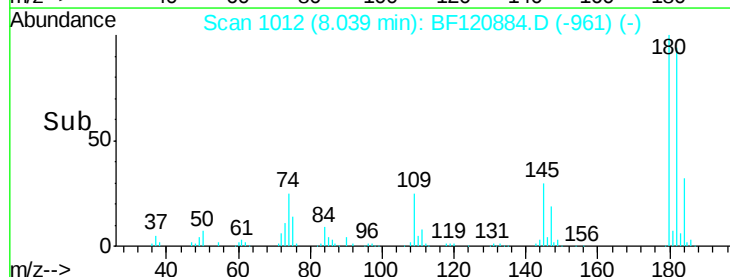
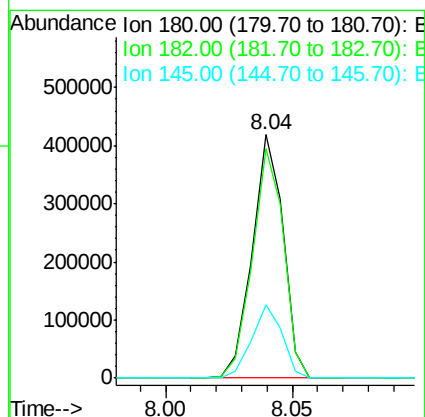
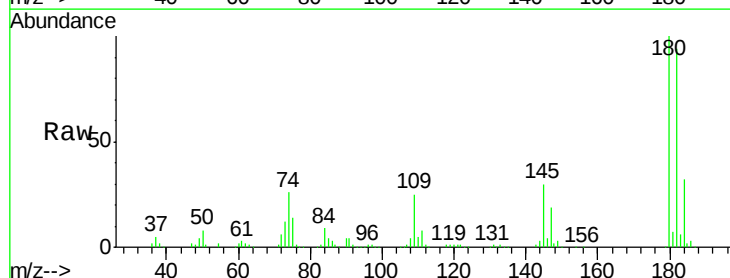
RT: 8.04 min Scan# 1012

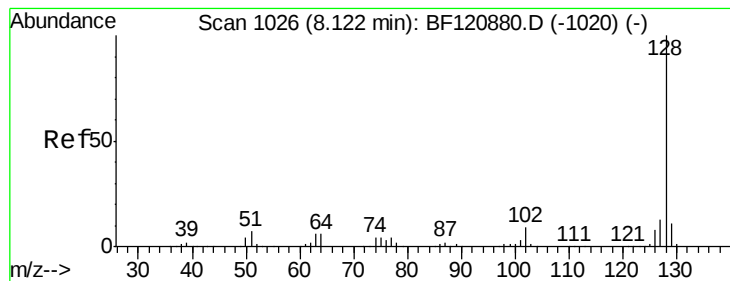
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	180	Resp:	355227
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.0	112.6
145	30.4	23.5	35.3





#31

Naphthalene

Concen: 38.452 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071620

Tot Ion:128 Resp: 1107181

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

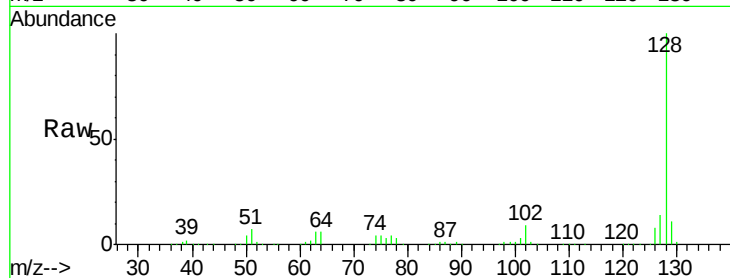
127 13.6 10.7 16.1

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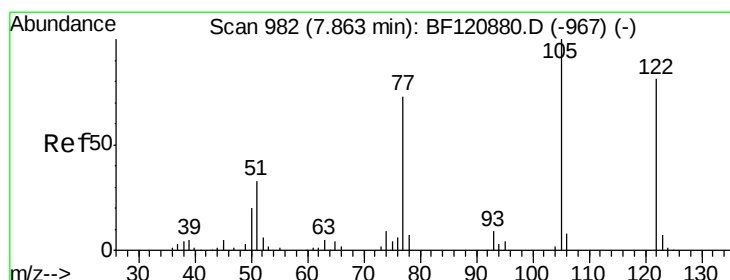
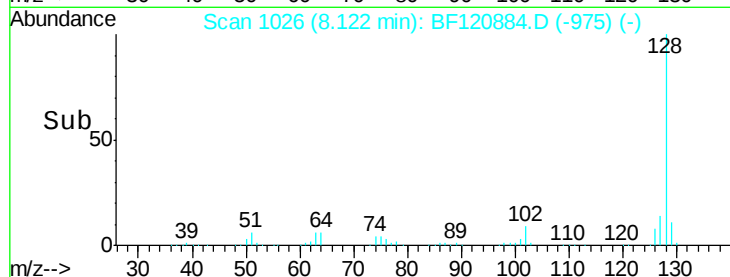
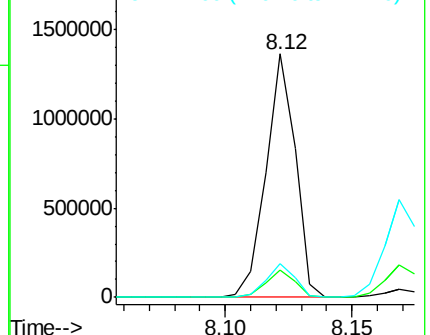
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.030 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

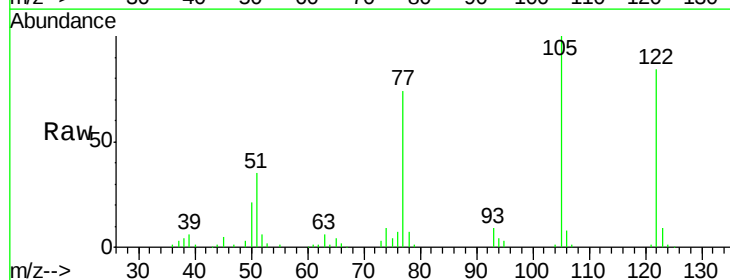
Tgt Ion:122 Resp: 272532

Ion Ratio Lower Upper

122 100

105 118.5 101.3 141.3

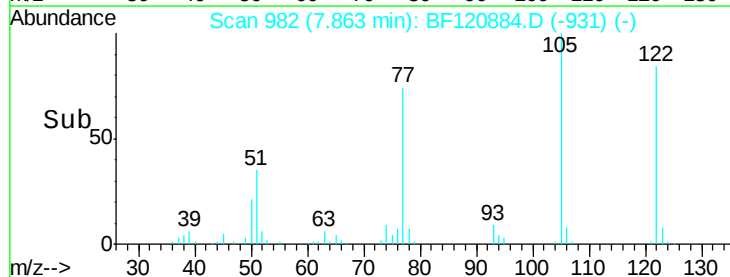
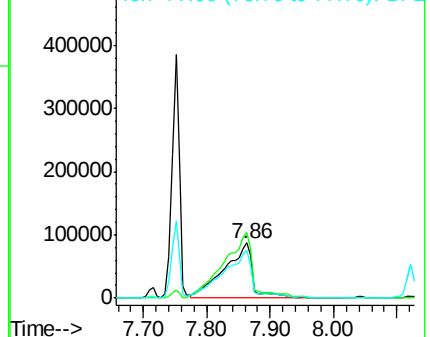
77 87.5 69.1 109.1

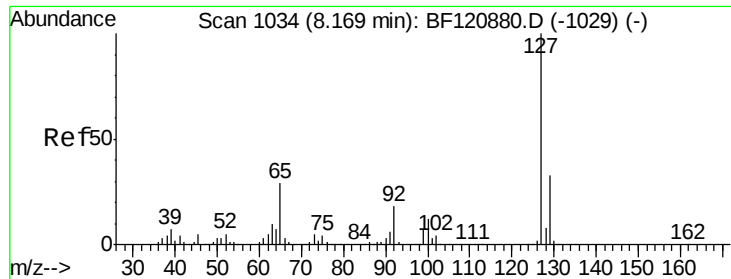


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





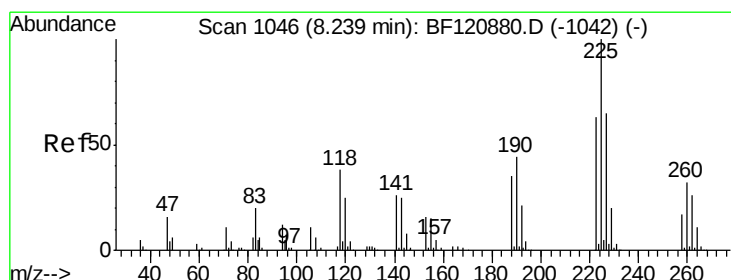
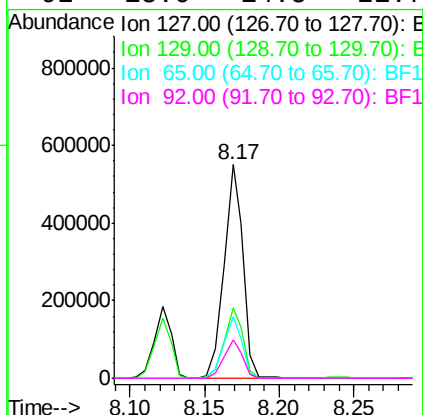
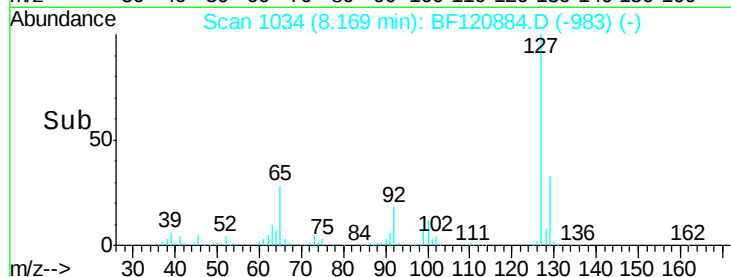
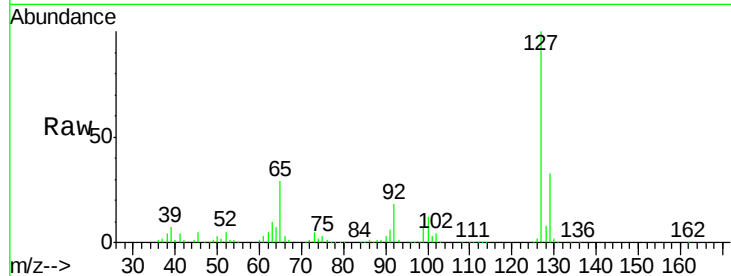
#33
4-Chloroaniline
Concen: 38.416 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.5	39.7		
65	28.6	23.0	34.4		
92	18.0	14.5	21.7		

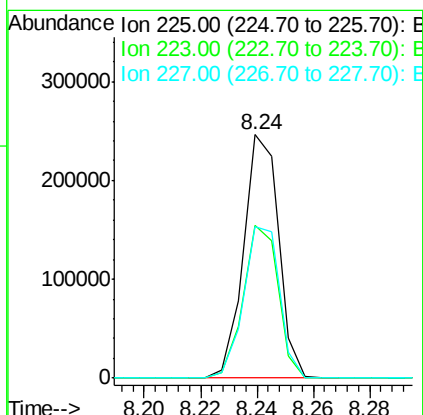
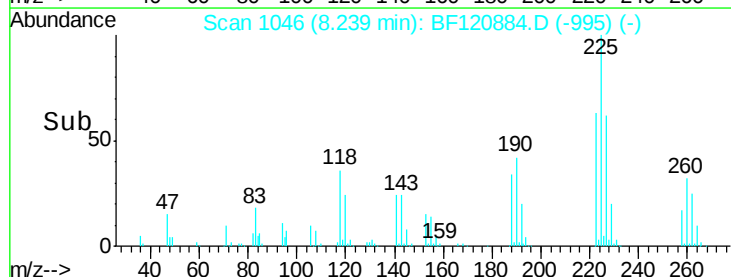
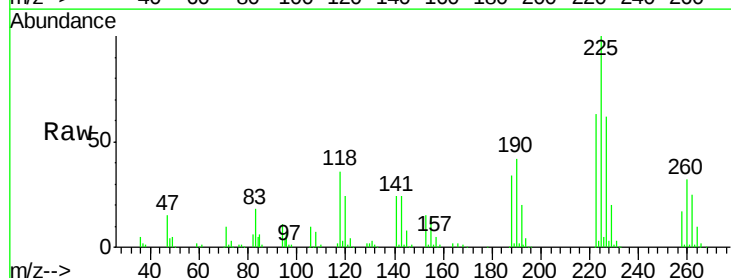
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#34
Hexachlorobutadiene
Concen: 39.306 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	62.1	52.2	78.2		





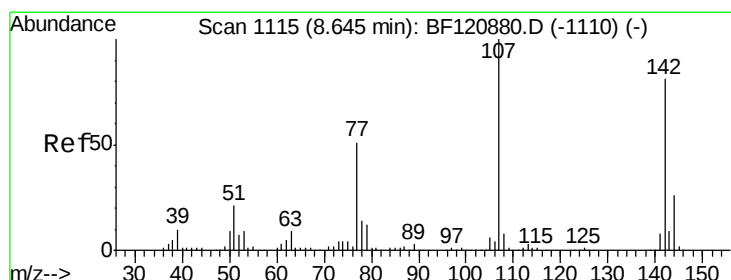
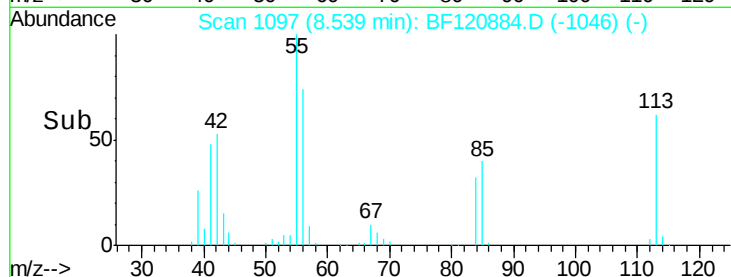
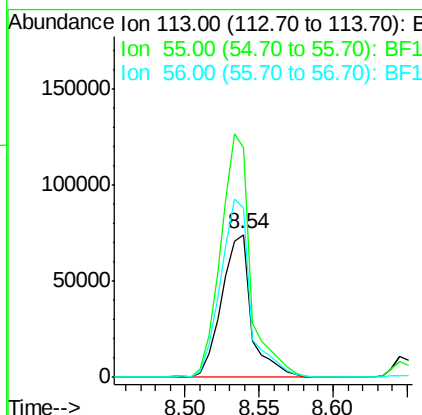
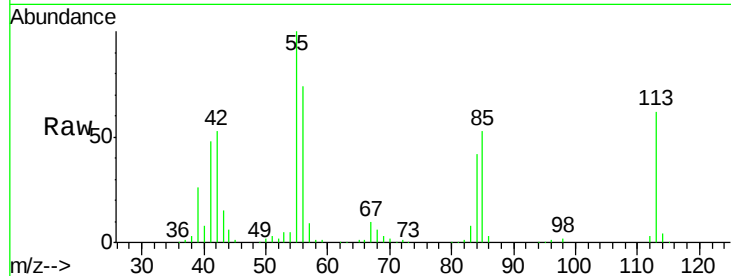
#35
 Caprolactam
 Concen: 39.132 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.1	143.3	183.3
56	118.8	99.4	139.4

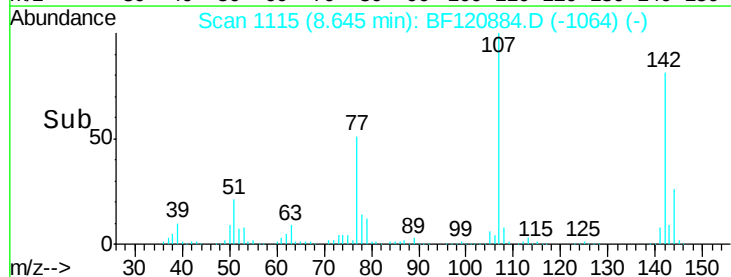
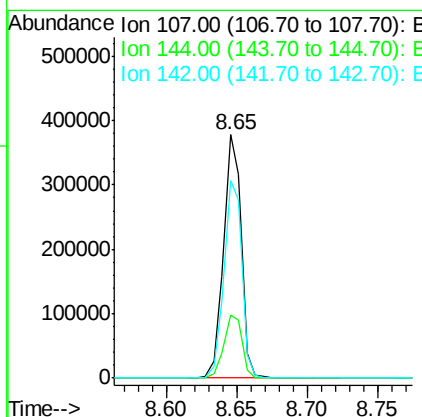
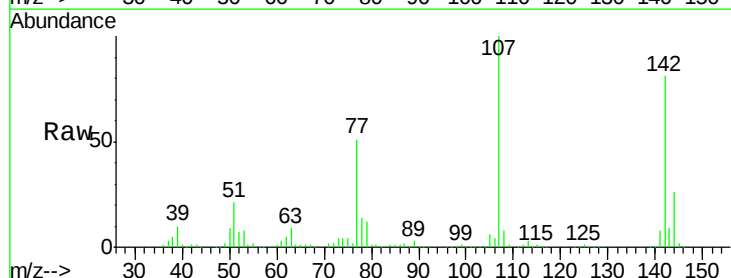
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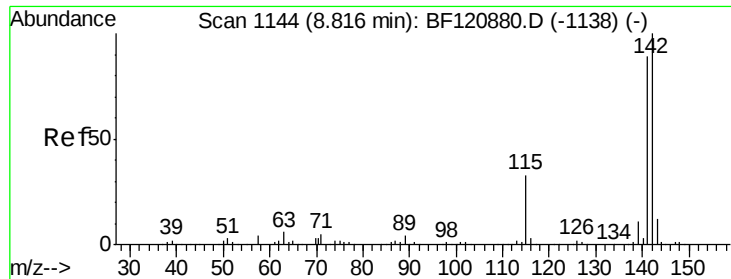
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.886 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.6
142	81.3	65.0	97.6





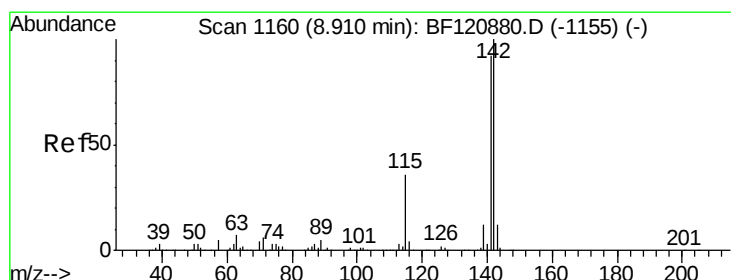
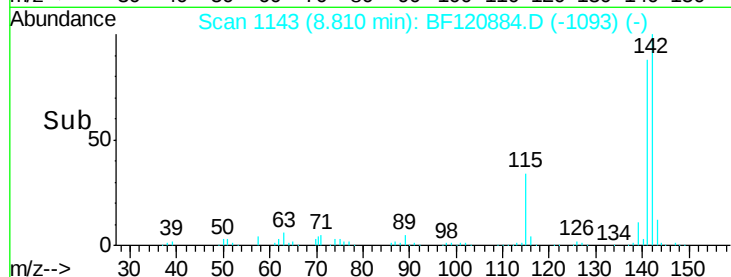
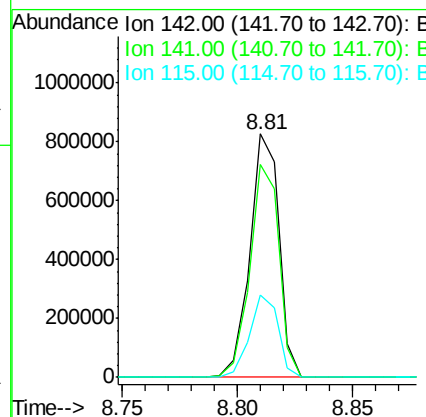
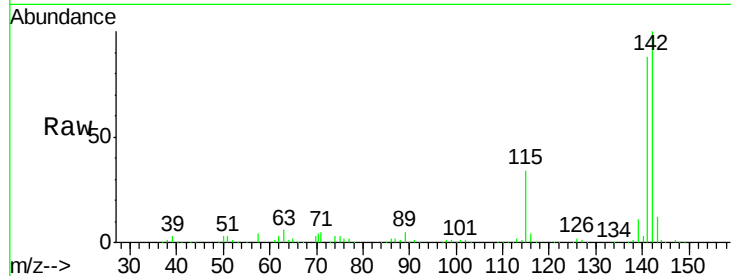
#37
2-Methylnaphthalene
Concen: 39.008 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.4
115	33.9	26.0	39.0

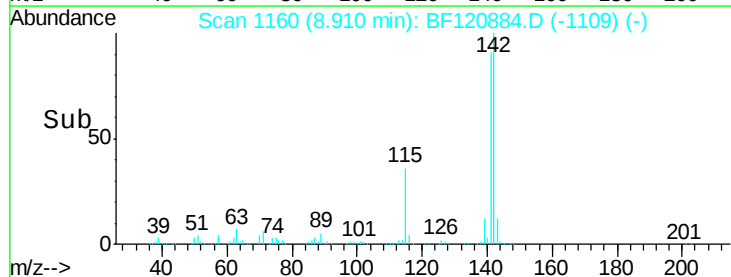
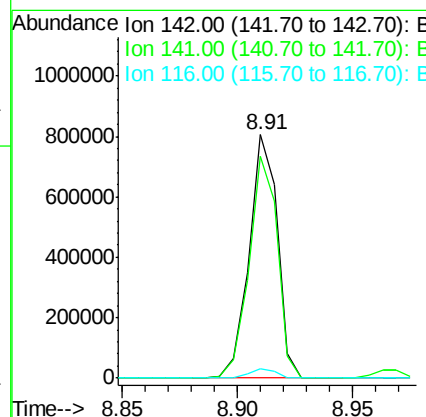
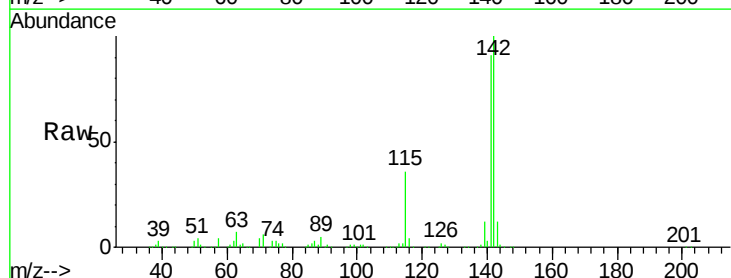
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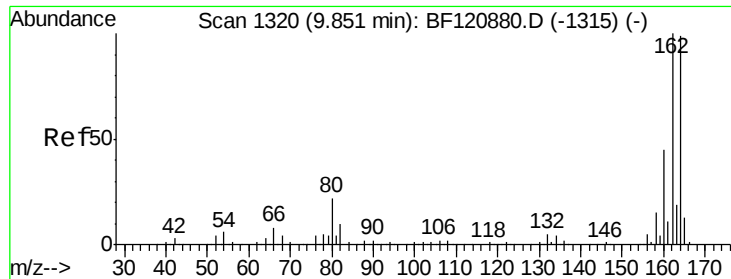
mohammad
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#38
1-Methylnaphthalene
Concen: 38.894 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

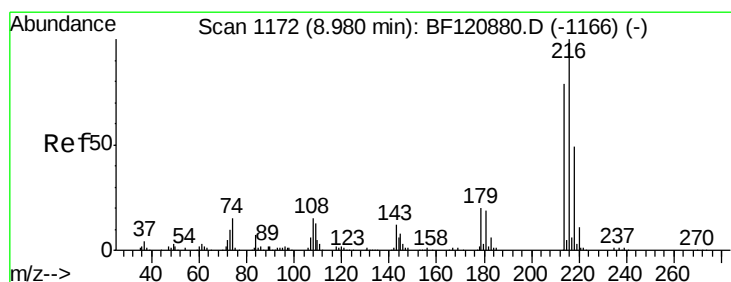
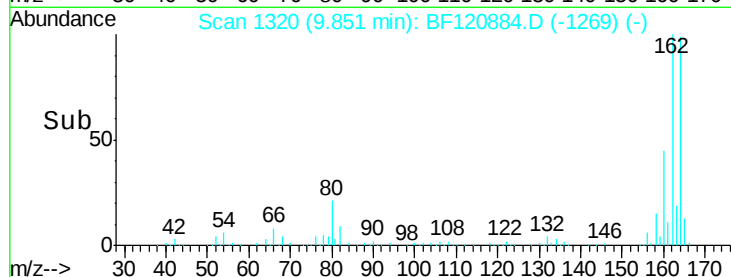
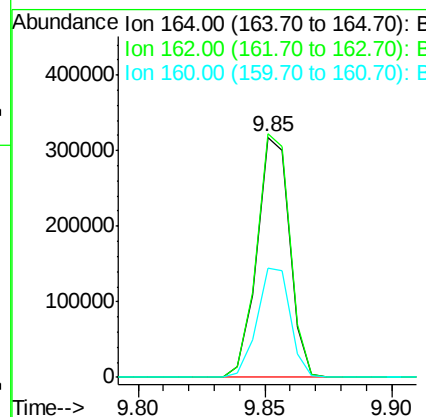
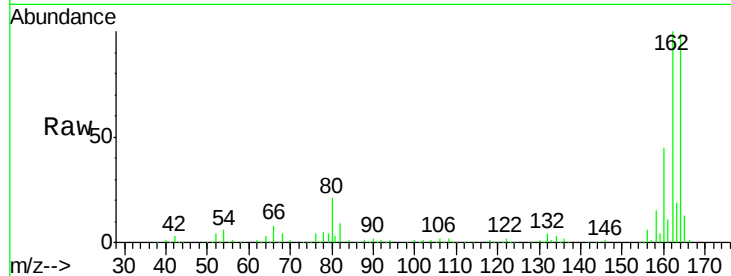
ClientSampleId :

ICVBF071620

Tot Ion:	164	Resp:	287148
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.2	121.8
160	45.5	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.739 ng

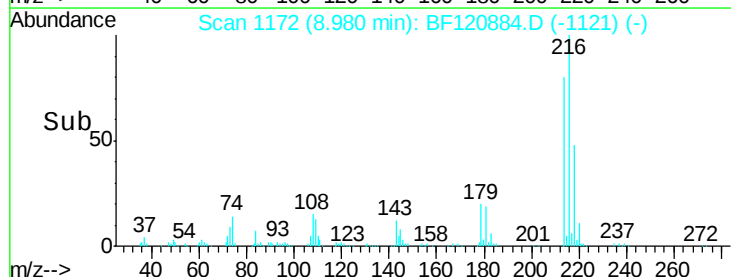
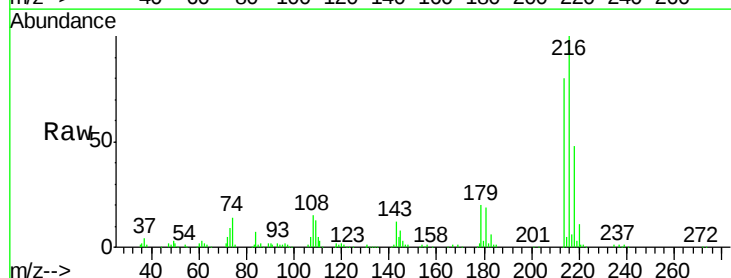
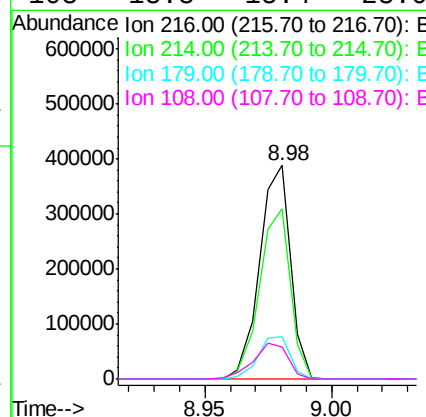
RT: 8.98 min Scan# 1172

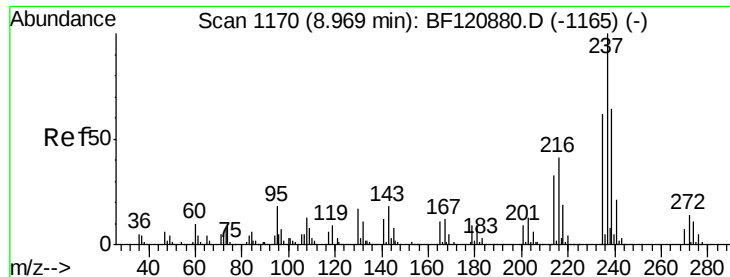
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	216	Resp:	332468
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	20.6	16.6	24.8
108	18.8	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 41.234 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

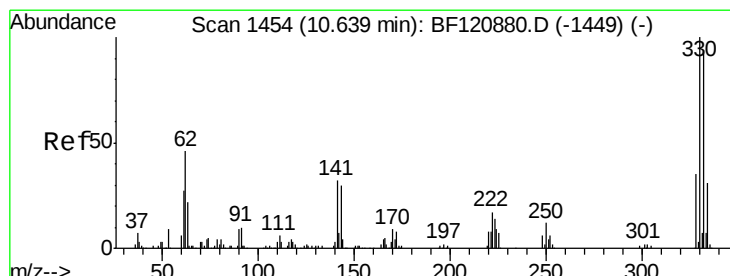
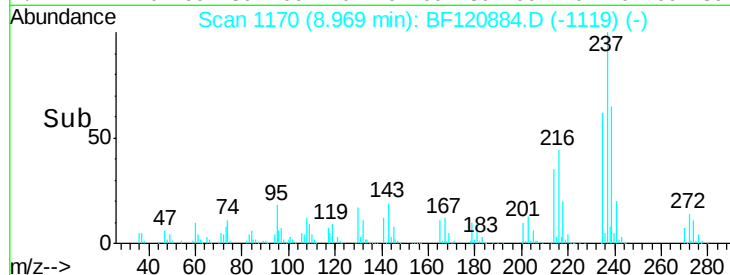
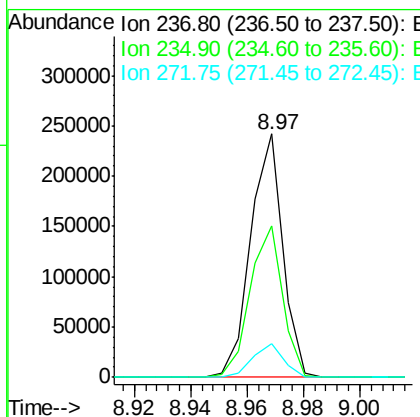
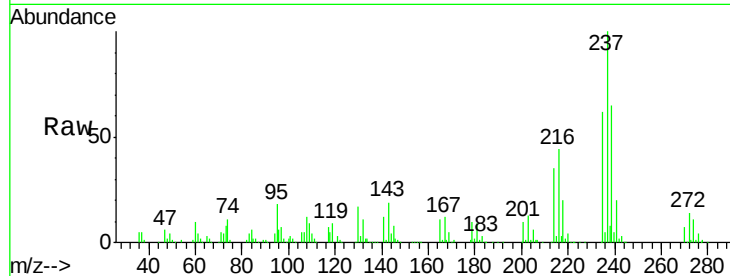
ClientSampleId :

ICVBF071620

Tot Ion:	237	Resp:	190661
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.6	81.6
272	14.0	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 80.468 ng

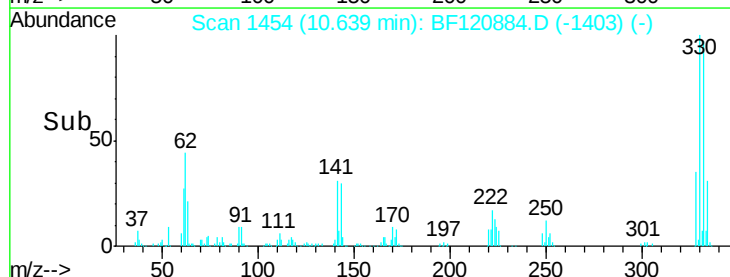
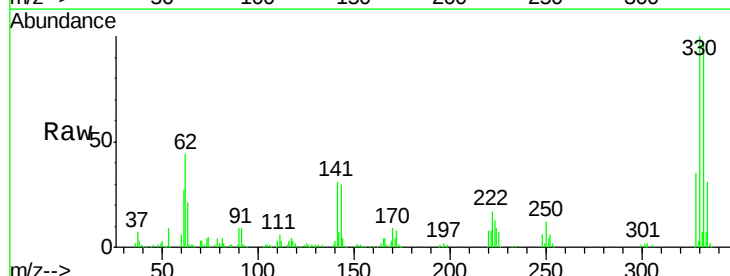
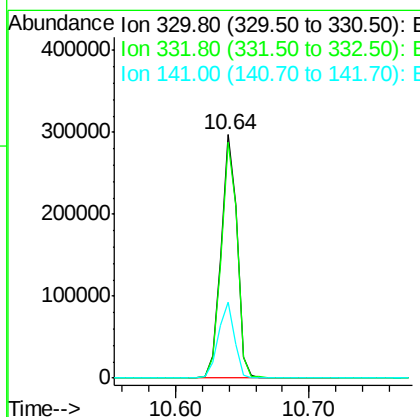
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	330	Resp:	252920
Ion Ratio	Lower	Upper	
330	100		
332	97.5	75.5	113.3
141	31.7	25.7	38.5





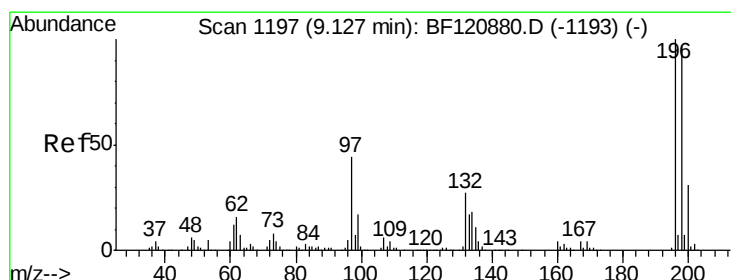
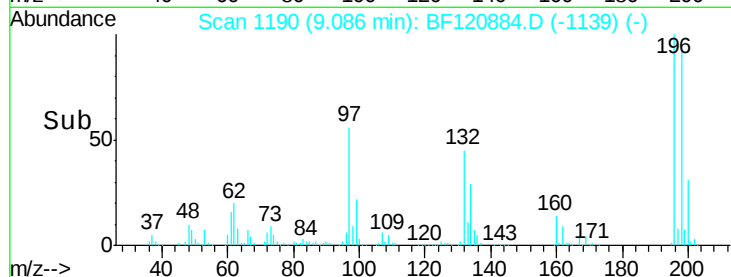
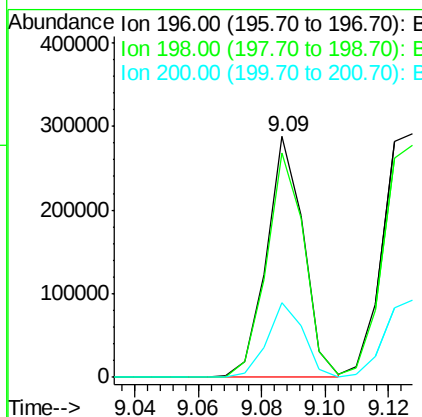
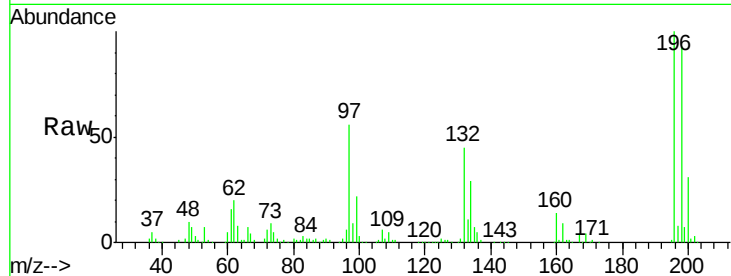
#43
 2,4,6-Trichlorophenol
 Concen: 39.506 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
196	100	232715		
198	93.4	75.7	113.5	
200	31.0	24.4	36.6	

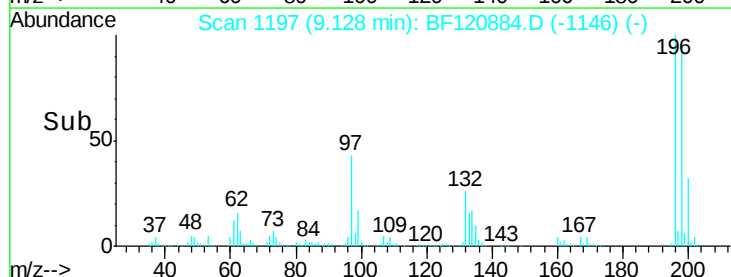
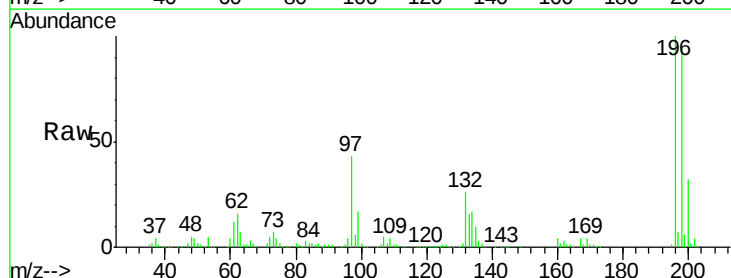
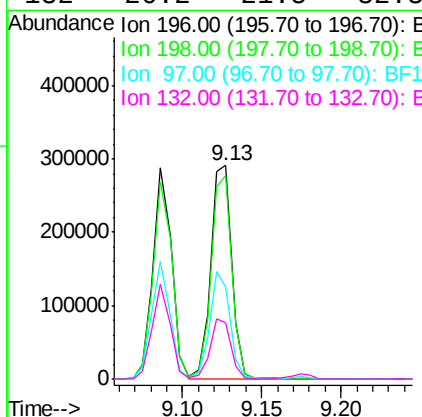
Manual Integrations
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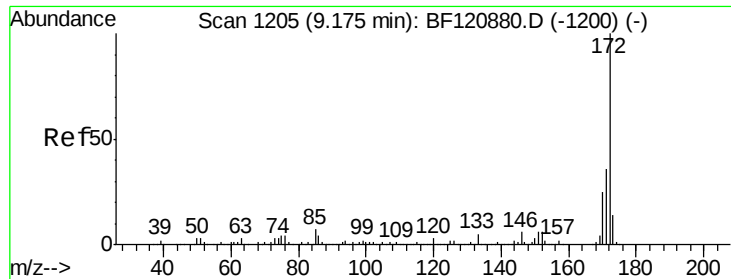
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.284 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269176		
198	95.3	77.6	116.4	
97	43.2	35.6	53.4	
132	26.2	21.5	32.3	





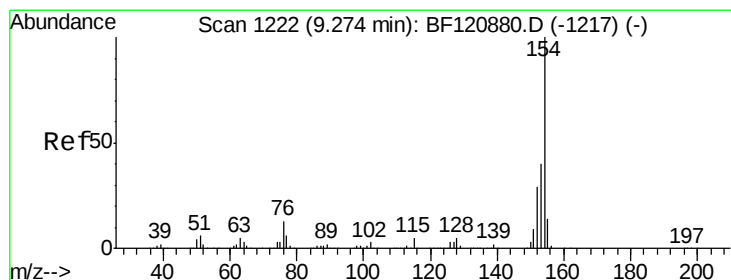
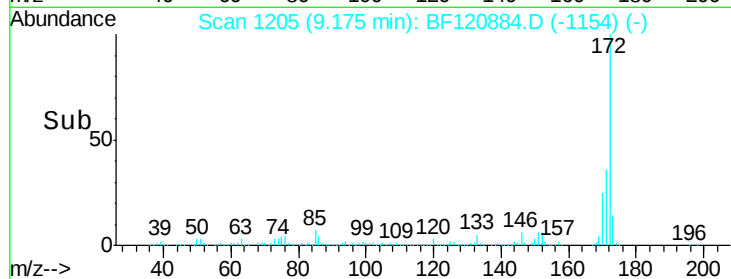
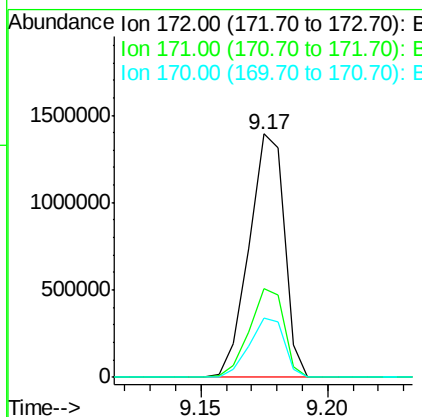
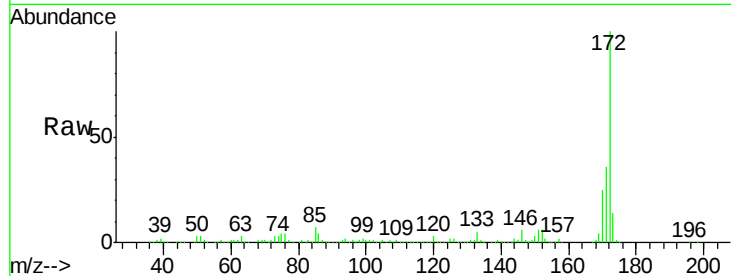
#45
2-Fluorobiphenyl
Concen: 70.562 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	19.6	29.4

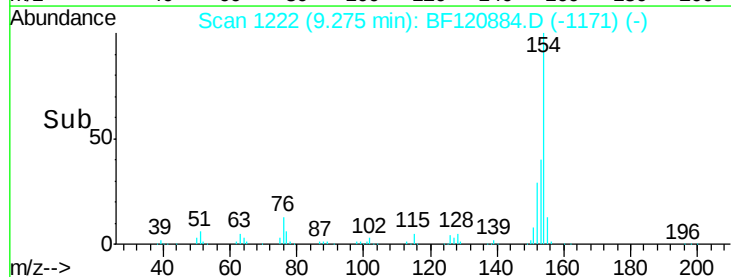
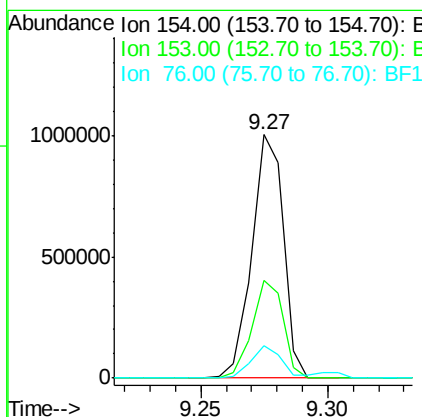
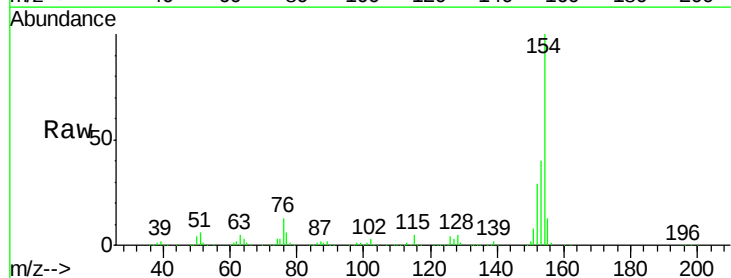
Manual Integrations
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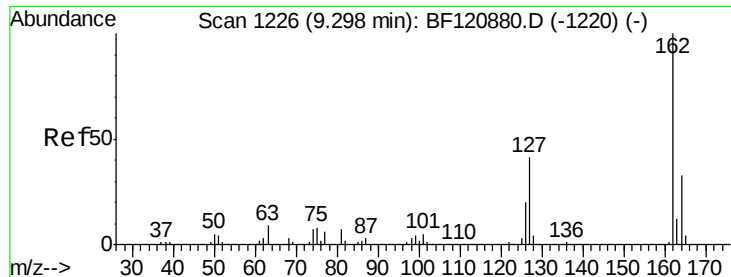
mohammad
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#46
1,1'-Biphenyl
Concen: 39.727 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	13.2	0.0	33.1





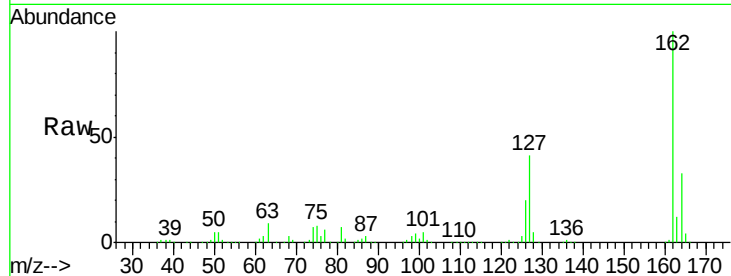
#47
2-Chloronaphthalene
Concen: 39.132 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

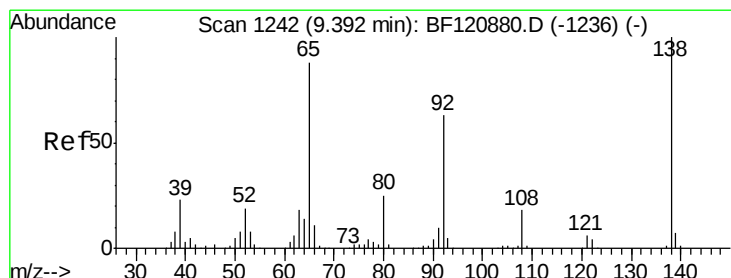
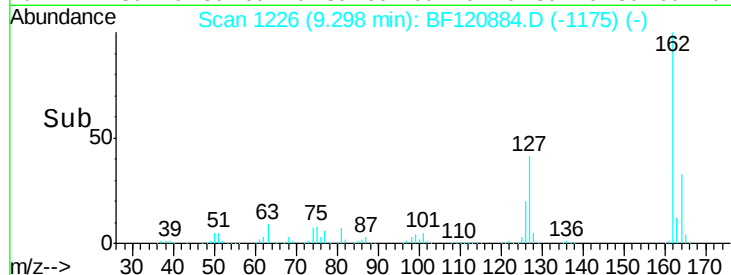
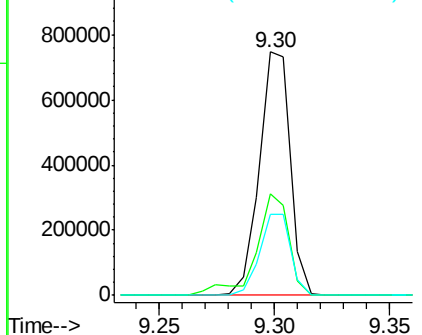
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	33.3	49.9
164	33.1	26.6	39.8

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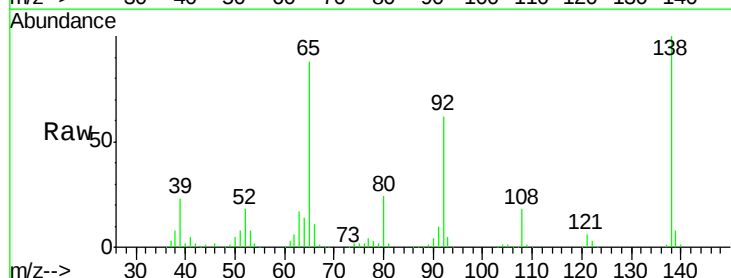


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

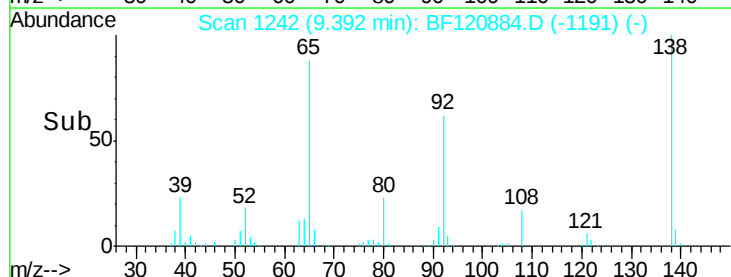
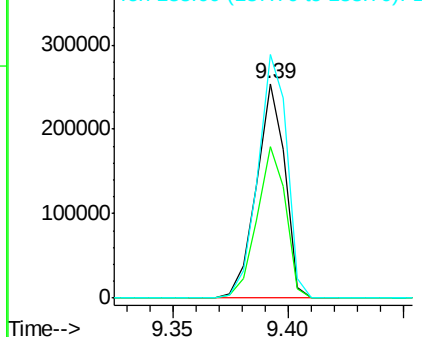


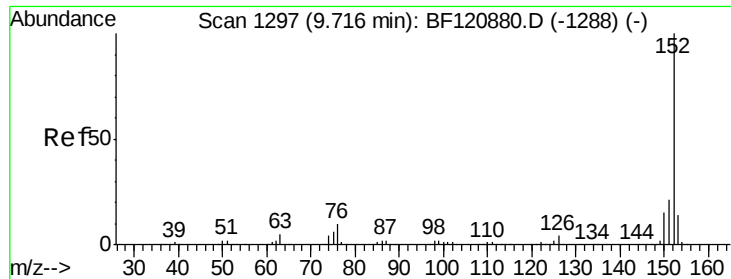
#48
2-Nitroaniline
Concen: 40.495 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.6	57.0	85.4
138	113.5	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: 38.901 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071620

Tot Ion:152 Resp: 1079227

Ion Ratio Lower Upper

152 100

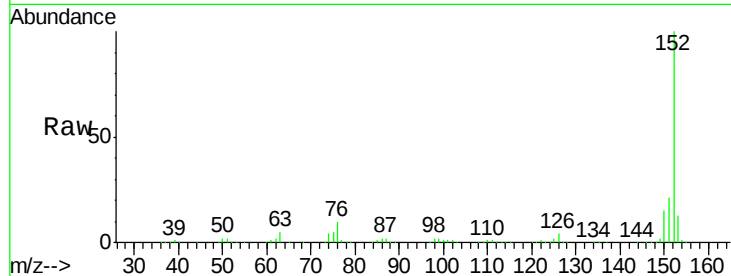
151 20.7 16.6 25.0

153 13.4 10.9 16.3

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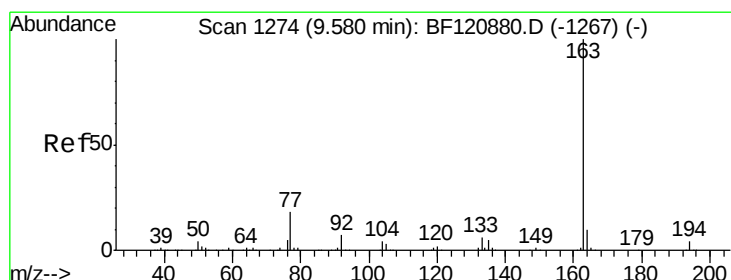
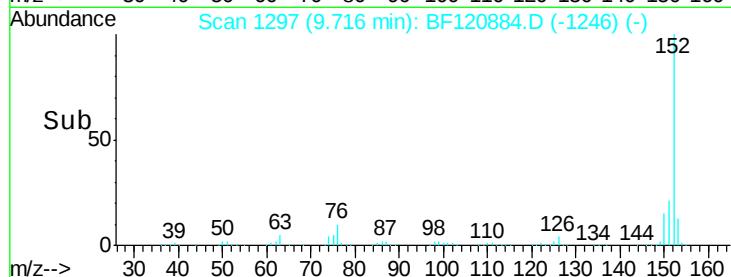
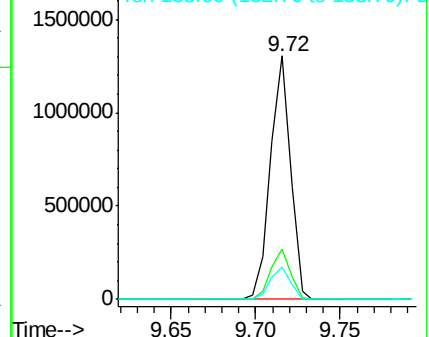
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.735 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

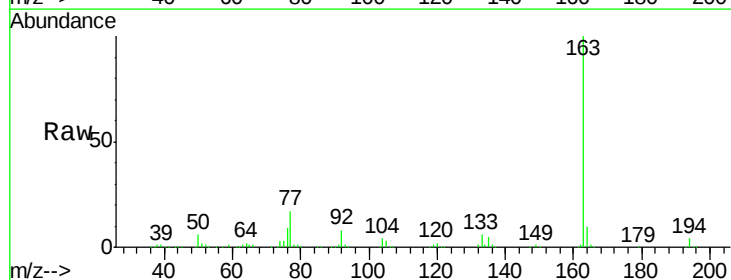
Tgt Ion:163 Resp: 802441

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

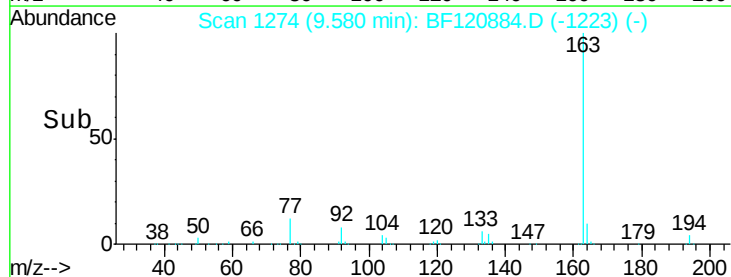
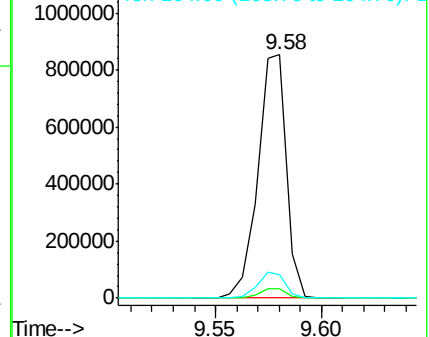
164 9.9 7.9 11.9

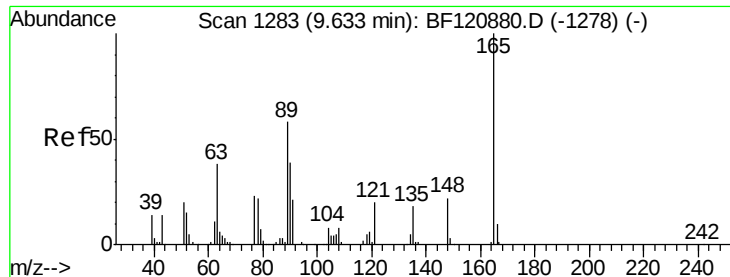


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





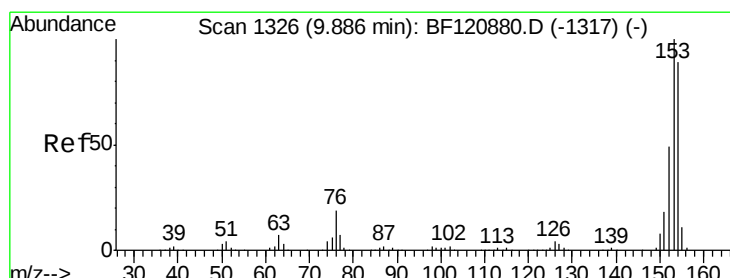
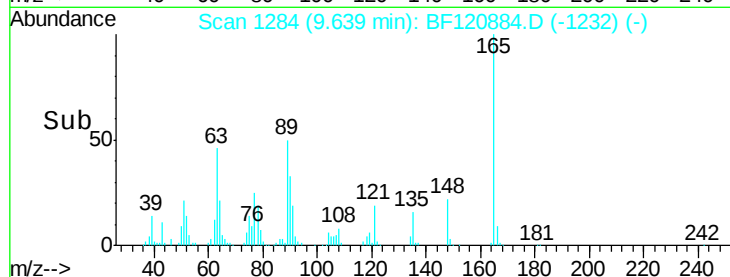
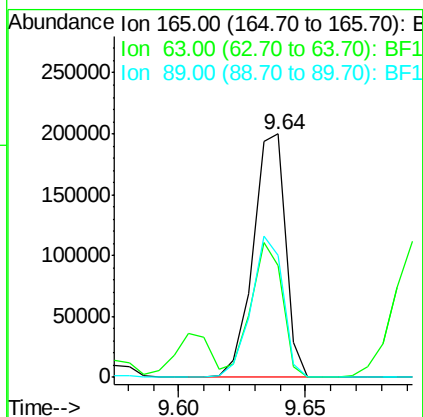
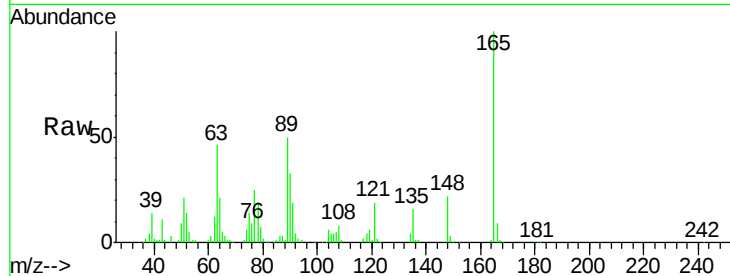
#51
2,6-Dinitrotoluene
Concen: 40.160 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178736		
63	45.7		45.4	68.2
89	50.1		47.0	70.4

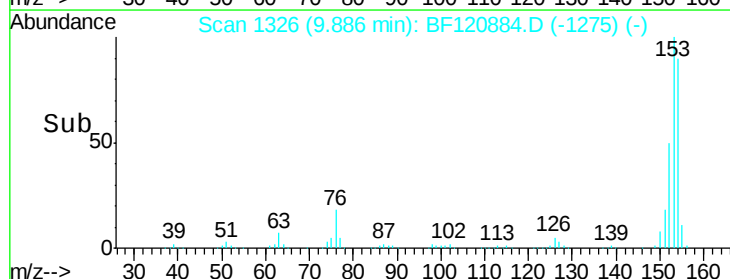
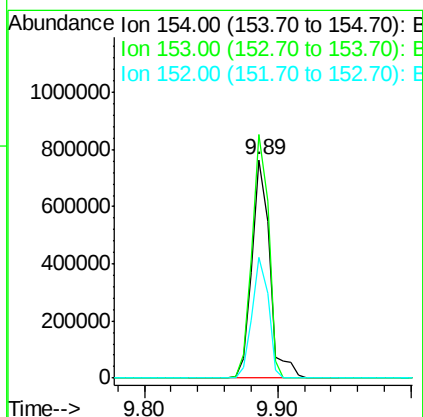
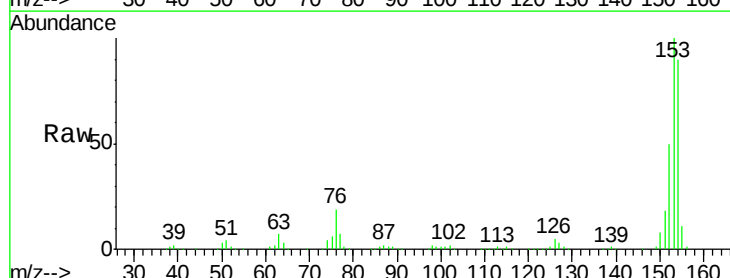
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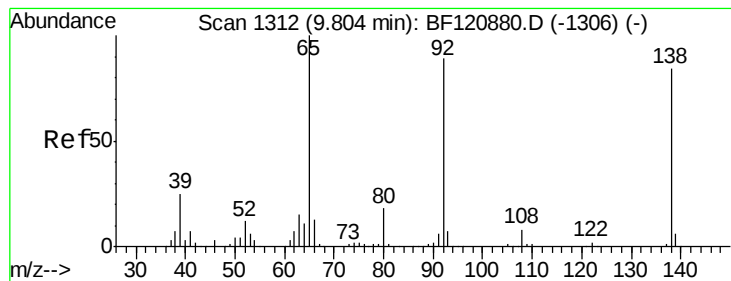
mohammad
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#52
Acenaphthene
Concen: 39.377 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	694538		
153	111.5		89.5	134.3
152	55.4		44.2	66.2





#53

3-Nitroaniline

Concen: 39.948 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

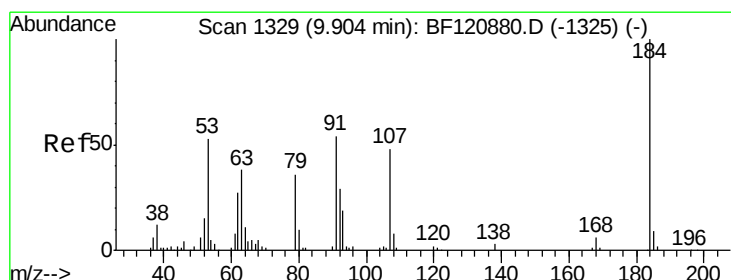
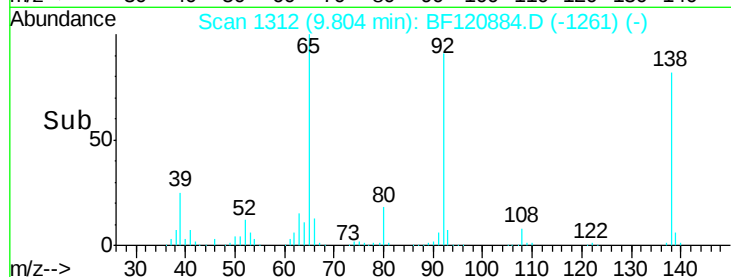
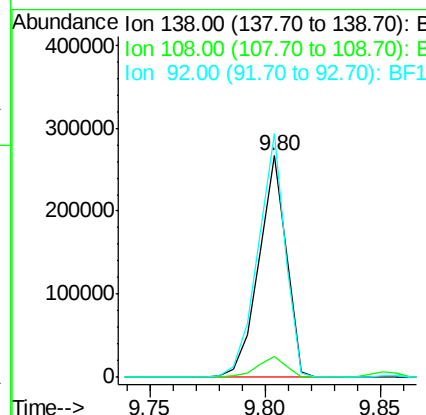
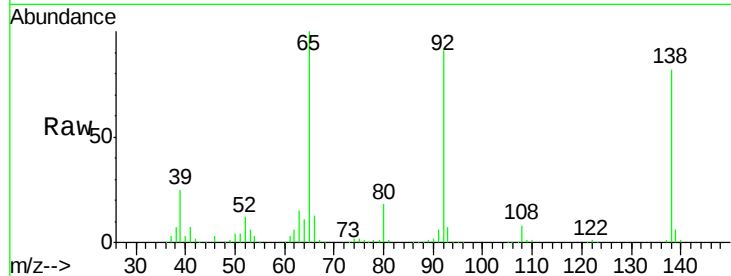
ClientSampleId :

ICVBF071620

Tot Ion:	138	Resp:	222984
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.9	11.9
92	110.0	85.3	127.9

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#54

2,4-Dinitrophenol

Concen: 37.670 ng

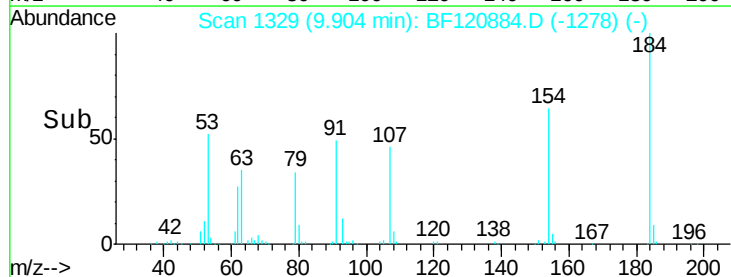
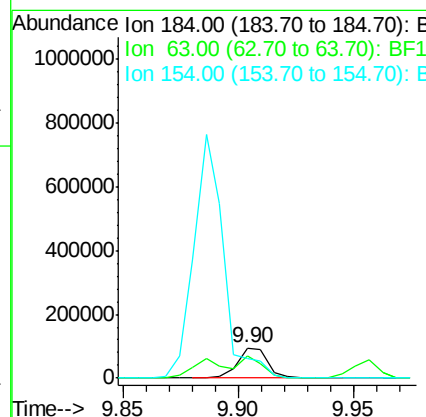
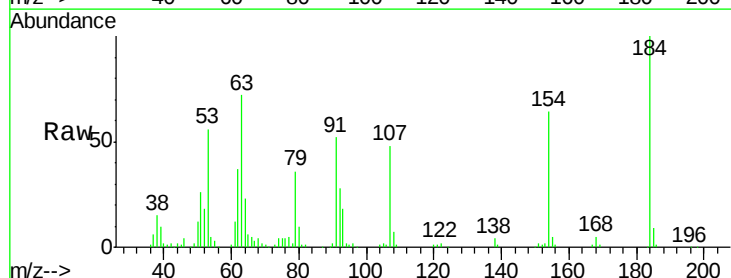
RT: 9.90 min Scan# 1329

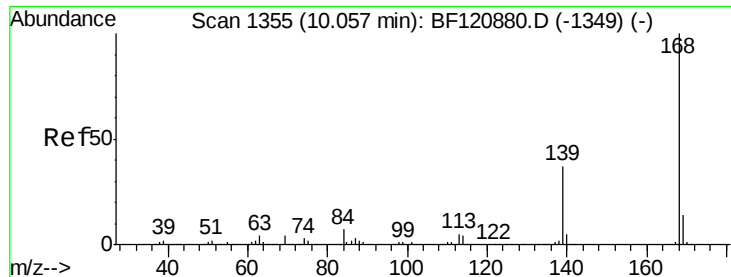
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:	184	Resp:	86375
Ion Ratio	Lower	Upper	
184	100		
63	72.1	57.9	86.9
154	63.5	52.6	78.8





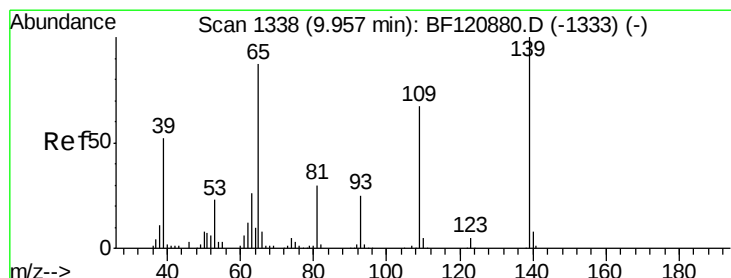
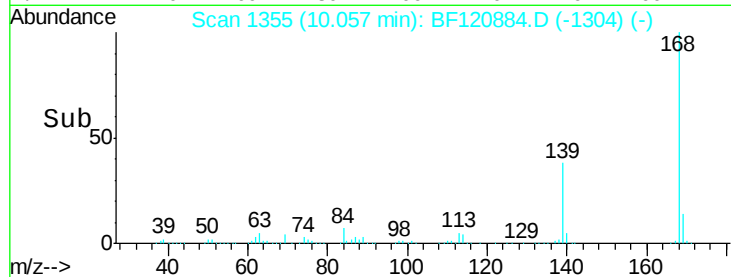
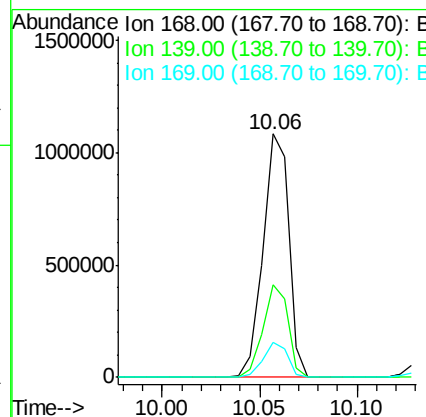
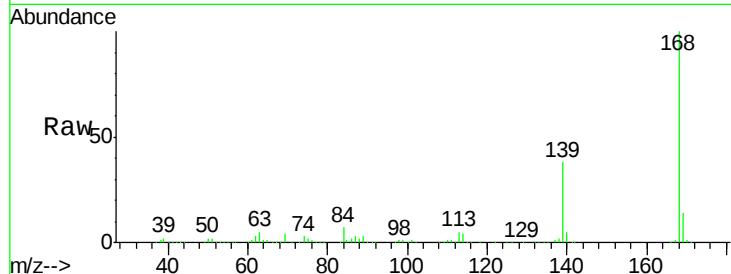
#55
Dibenzenofuran
Concen: 38.765 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	38.2	29.7	44.5
169	14.4	11.1	16.7

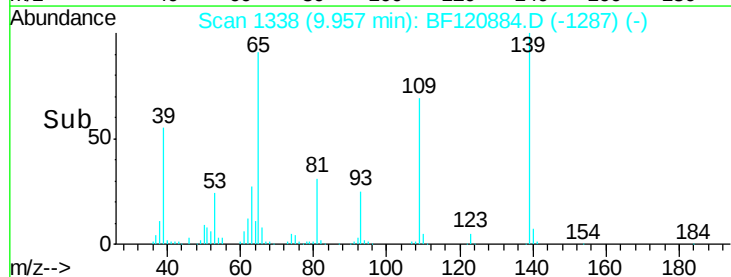
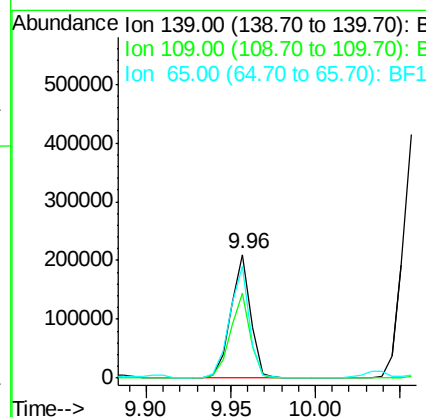
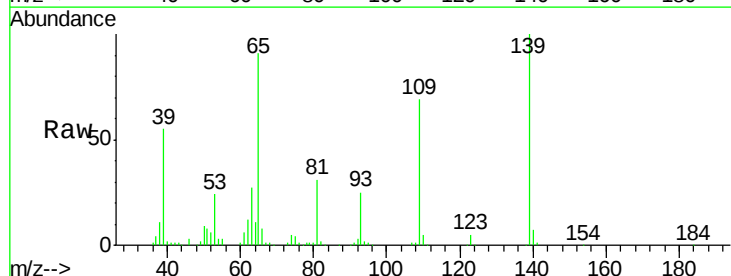
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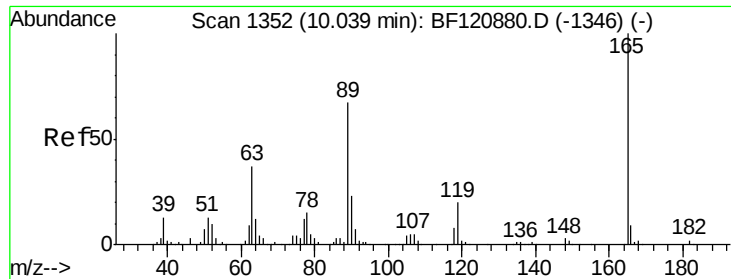
mohammad
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#56
4-Nitrophenol
Concen: 40.081 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	69.0	47.3	87.3
65	90.9	67.2	107.2





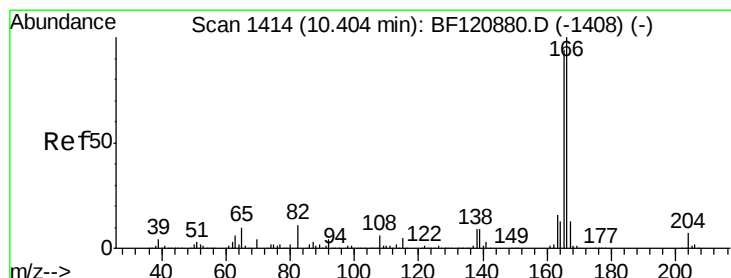
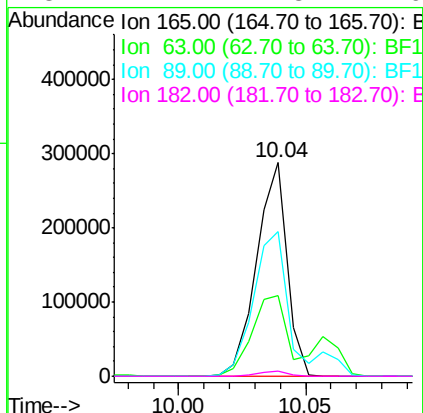
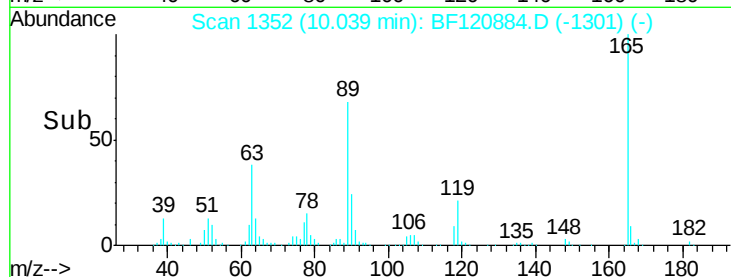
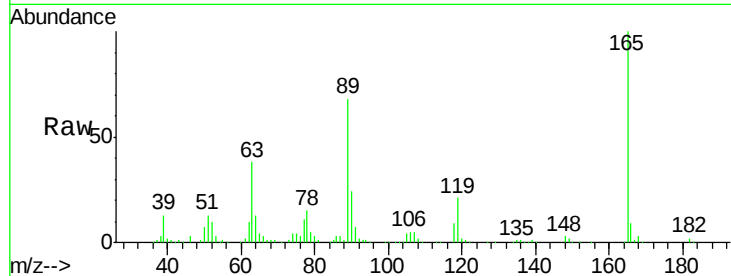
#57
2,4-Dinitrotoluene
Concen: 41.197 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240778		
63	37.9	29.4	44.2	
89	67.5	53.4	80.0	
182	2.4	1.8	2.6	

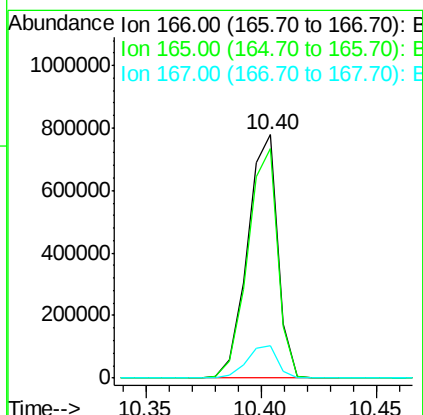
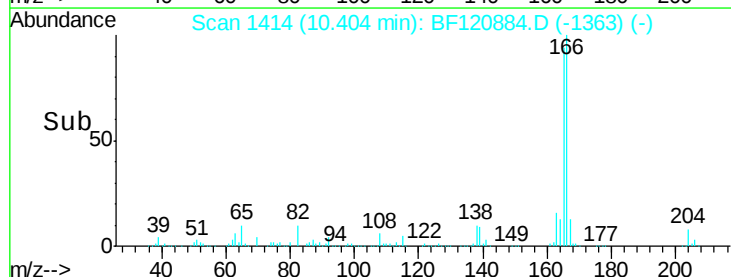
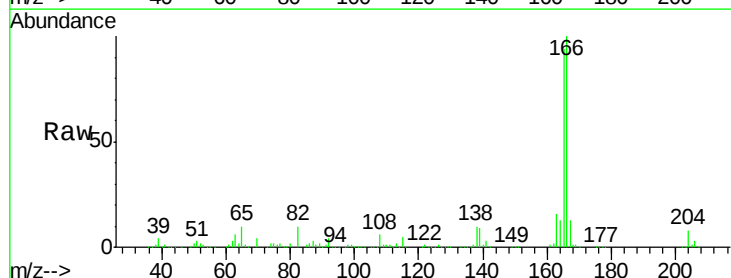
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#58
Fluorene
Concen: 37.489 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	713177		
165	94.3	75.4	113.0	
167	13.5	10.6	15.8	





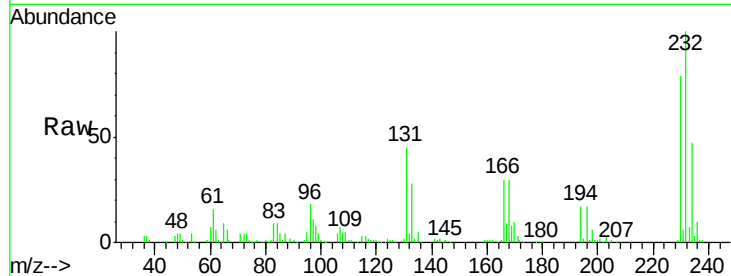
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.653 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Resp	Lower	Upper
232	100	206821		
131	45.8		37.1	55.7
130	2.2		1.7	2.5
166	29.9		24.2	36.4

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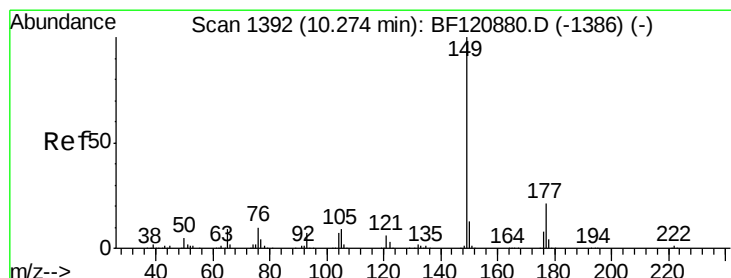
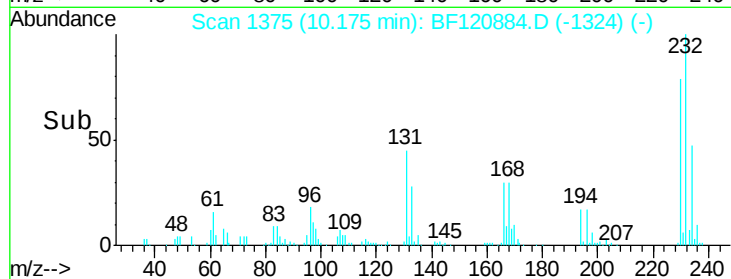
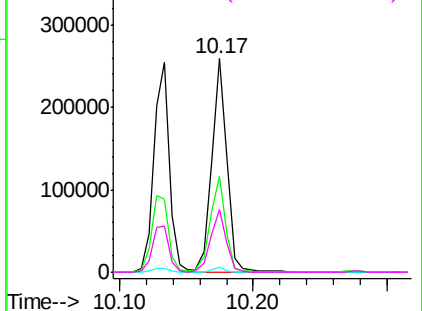
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

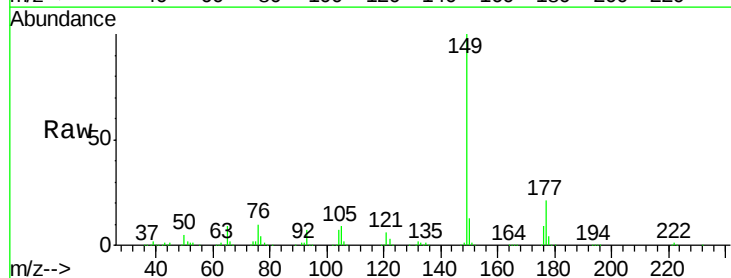
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.713 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	832126		
177	21.4		17.1	25.7
150	12.7		10.3	15.5

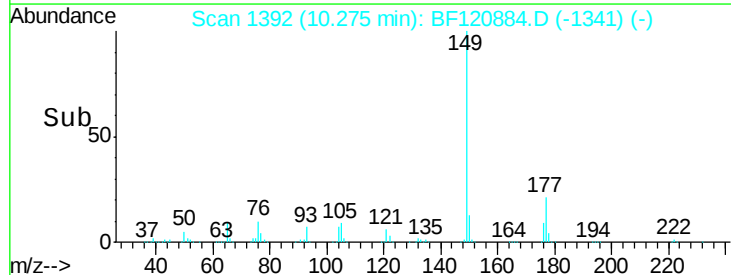
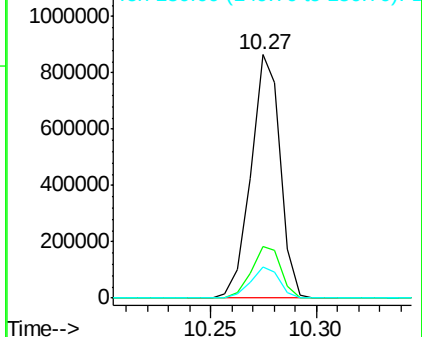


Abundance

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





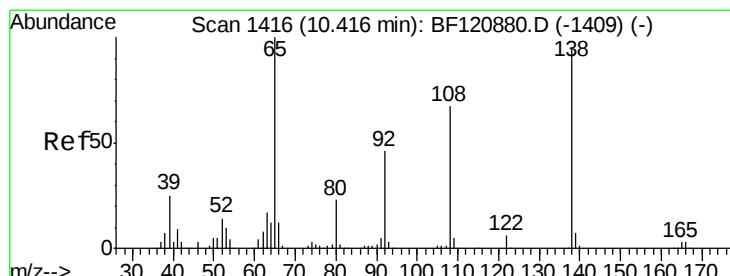
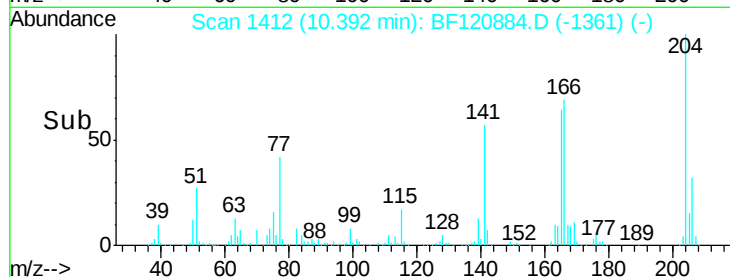
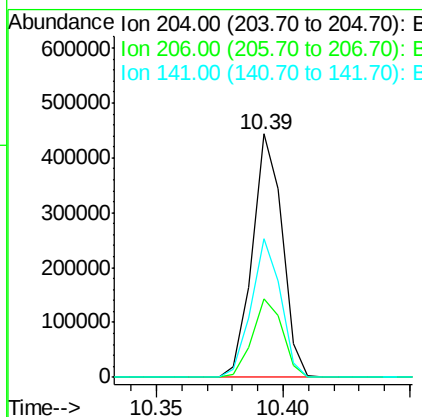
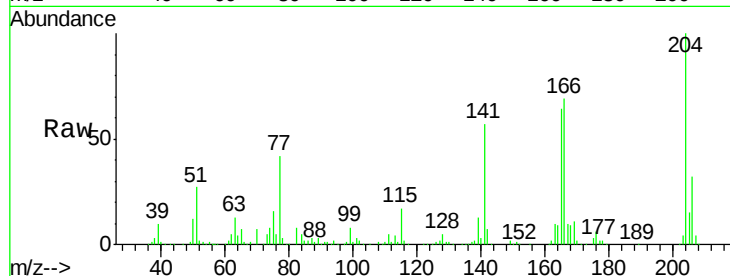
#61
 4-Chlorophenyl-phenylether
 Concen: 36.031 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion:	204	Resp:	365590
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.9	38.9
141	57.1	47.2	70.8

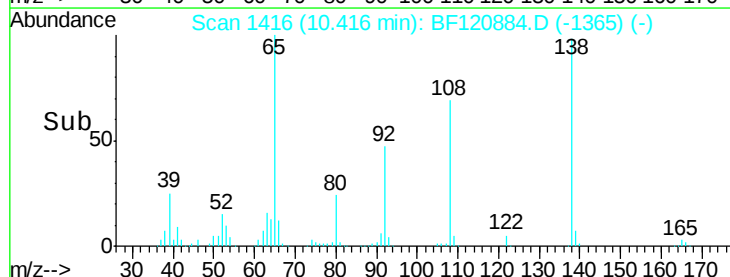
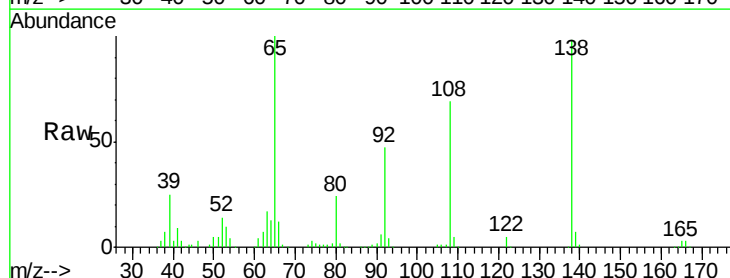
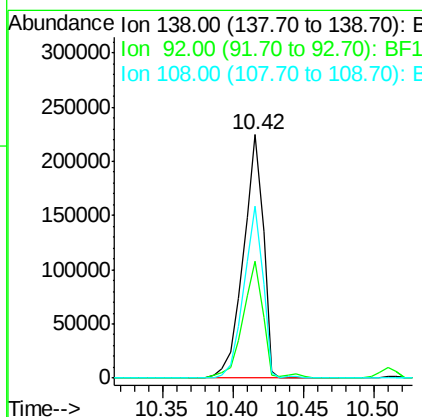
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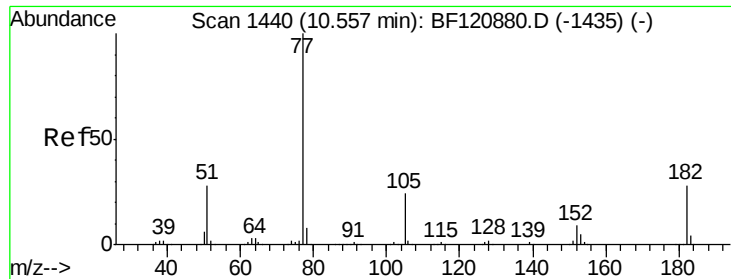
mohammad
 7/17/2020 12:30:05 PM



#62
 4-Nitroaniline
 Concen: 40.689 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:	138	Resp:	221237
Ion Ratio	Lower	Upper	
138	100		
92	47.9	28.6	68.6
108	70.9	51.1	91.1





#63

Azobenzene

Concen: 38.911 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071620

Tot Ion: 77 Resp: 776208

Ion Ratio Lower Upper

77 100

182 28.7 7.8 47.8

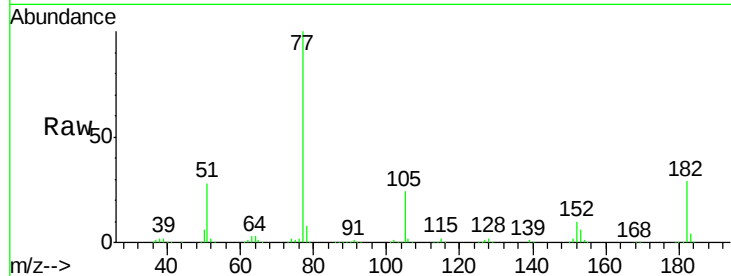
105 24.0 4.4 44.4

51 27.9 8.0 48.0

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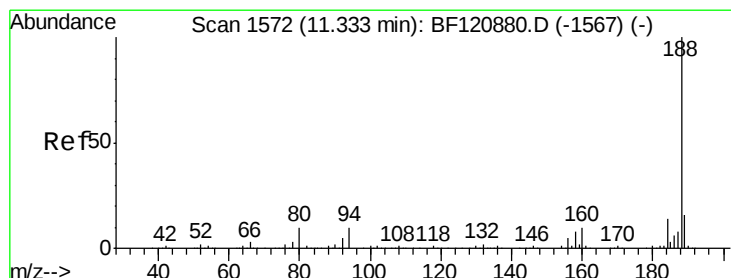
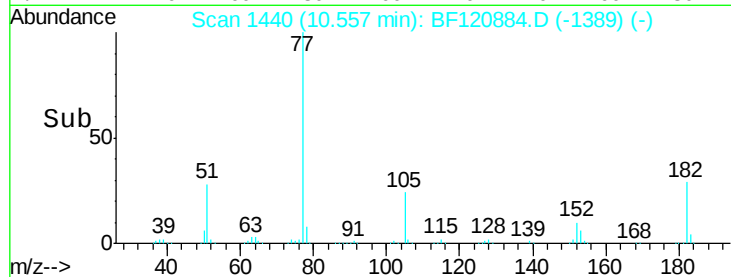
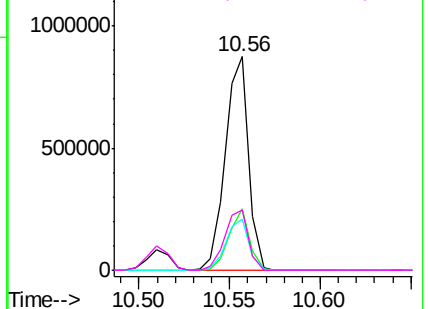


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion: 188 Resp: 545192

Ion Ratio Lower Upper

188 100

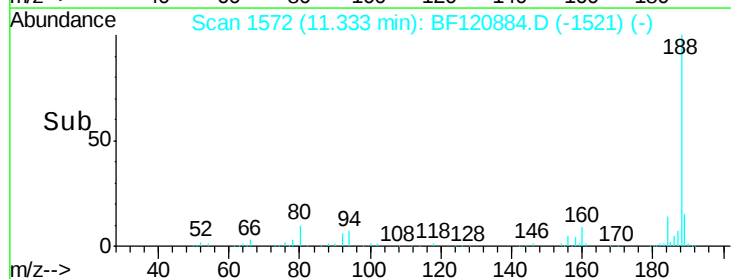
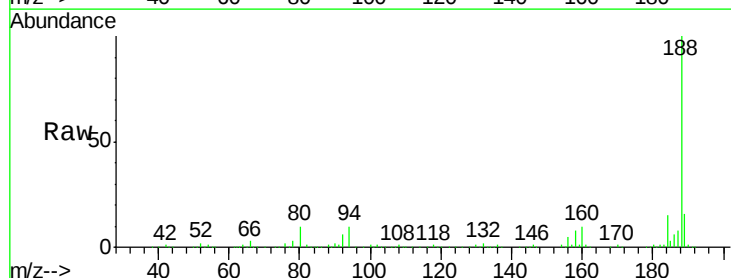
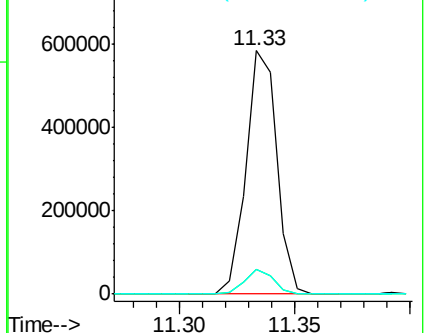
94 9.9 8.0 12.0

80 10.4 8.3 12.5

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





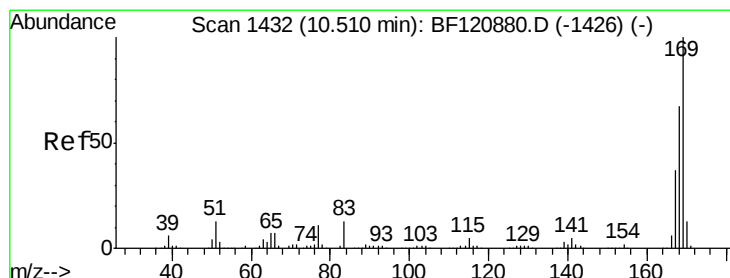
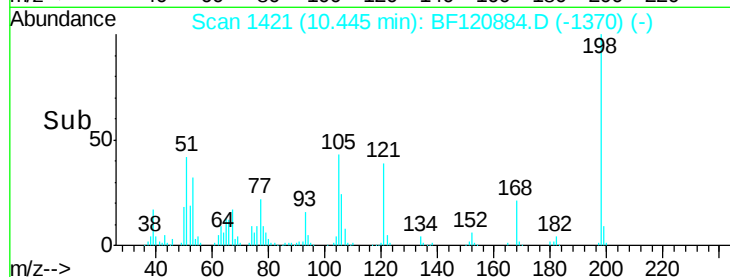
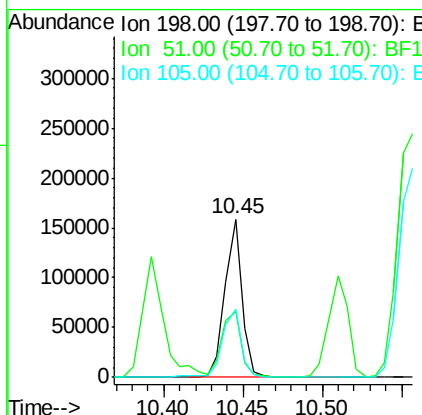
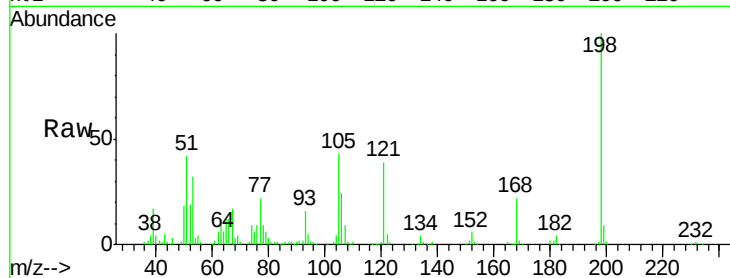
#65
4,6-Dinitro-2-methylphenol
Concen: 38.736 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.8	19.5	59.5
105	42.7	24.4	64.4

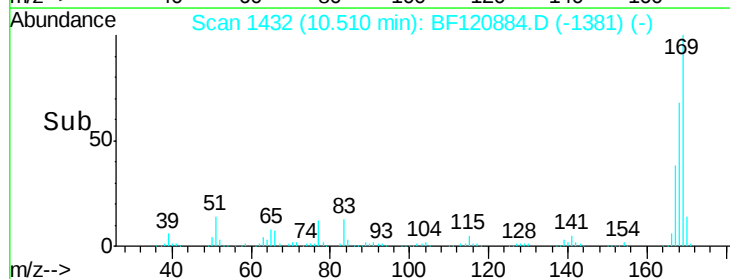
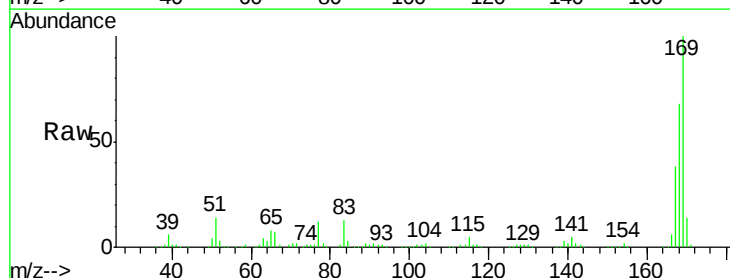
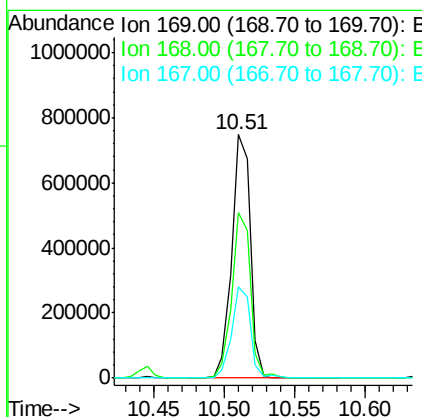
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#66
n-Nitrosodiphenylamine
Concen: 39.731 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.4	80.0
167	37.6	29.4	44.0





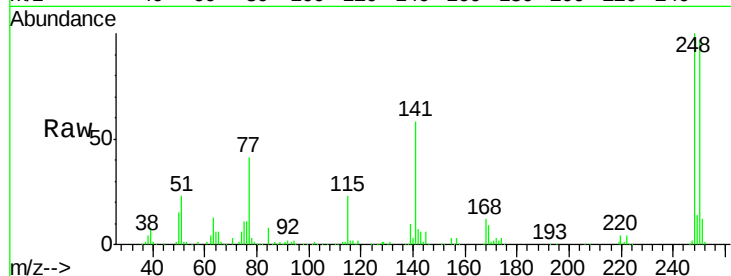
#67
 4-Bromophenyl-phenylether
 Concen: 40.039 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

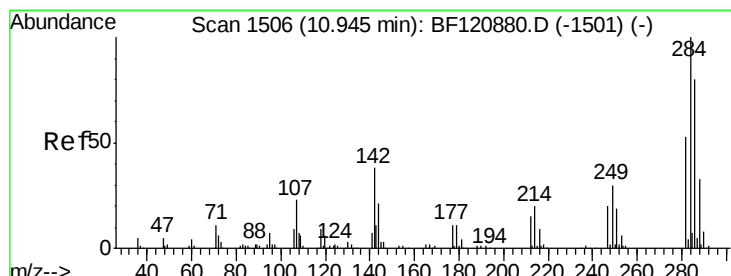
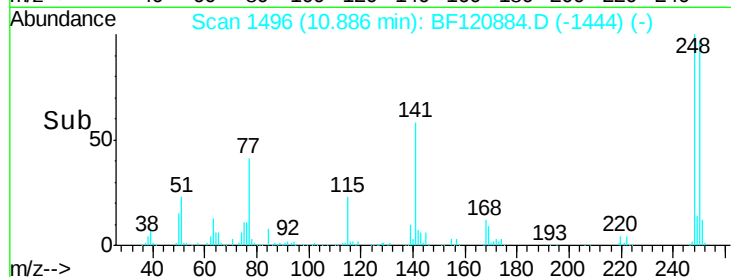
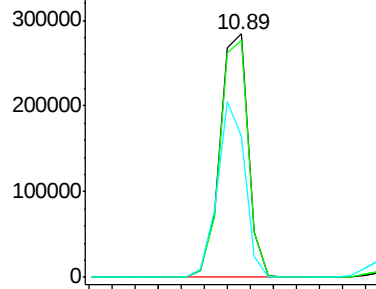
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.1	115.7
141	58.2	61.2	91.8#

Manual Integrations
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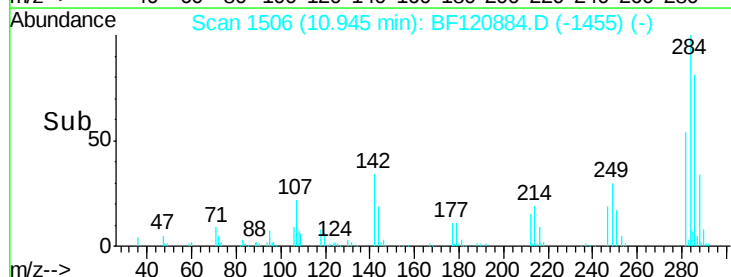
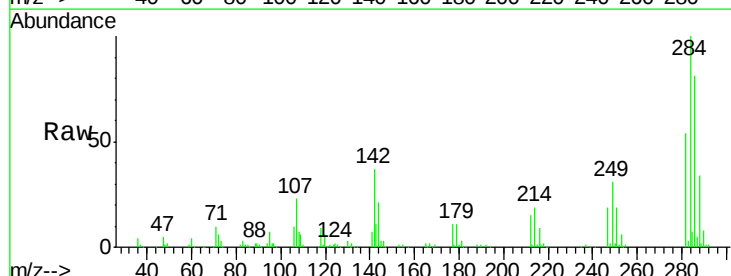
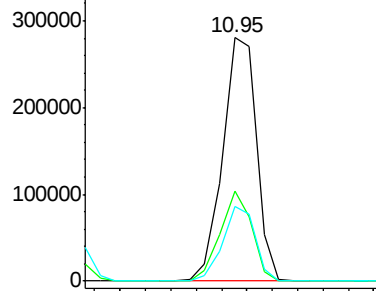
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

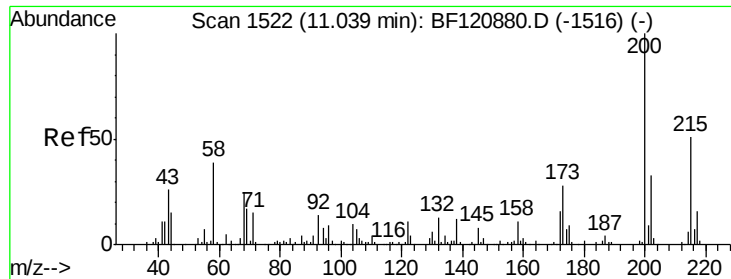


#68
 Hexachlorobenzene
 Concen: 39.741 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	30.2	45.2
249	30.8	24.2	36.2

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





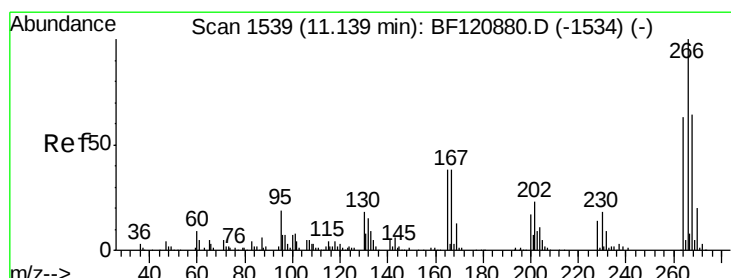
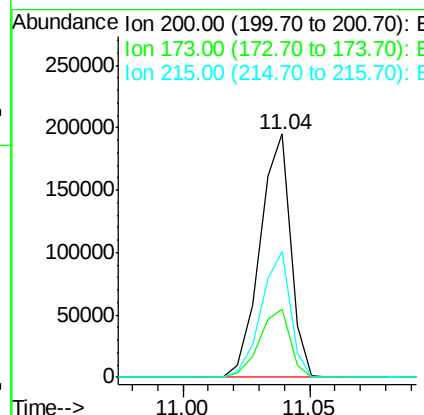
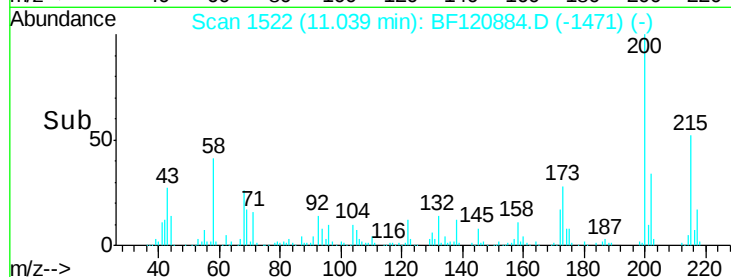
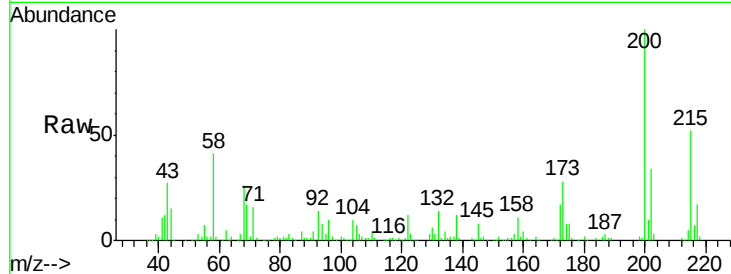
#69
 Atrazine
 Concen: 38.790 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleID :
 ICVBF071620

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	8.0	48.0
215	51.8	31.5	71.5

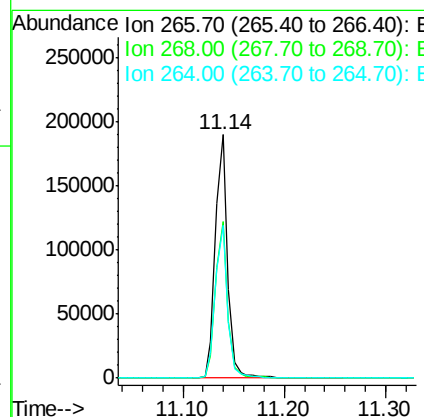
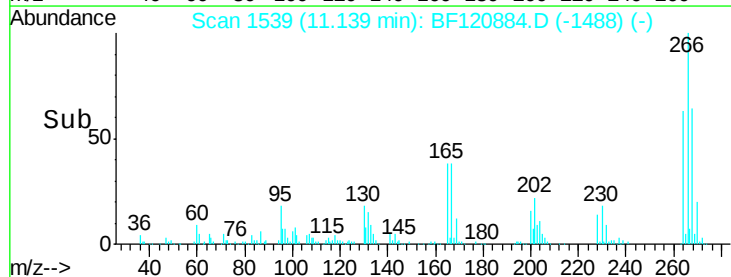
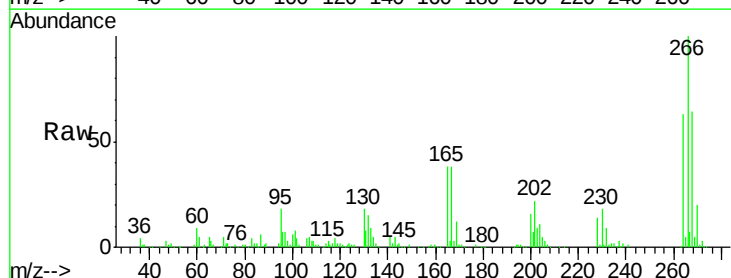
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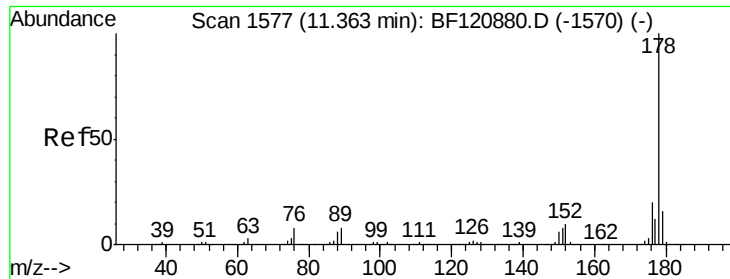
mohammad
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#70
 Pentachlorophenol
 Concen: 42.664 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	51.1	76.7
264	62.7	50.2	75.2





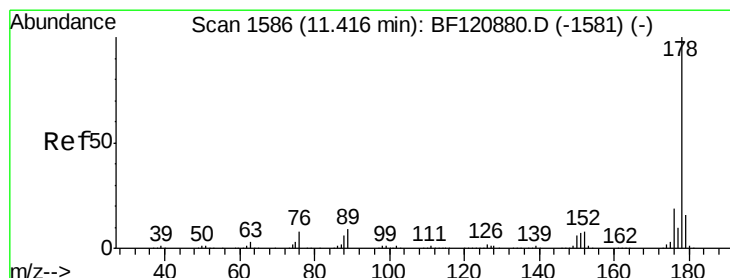
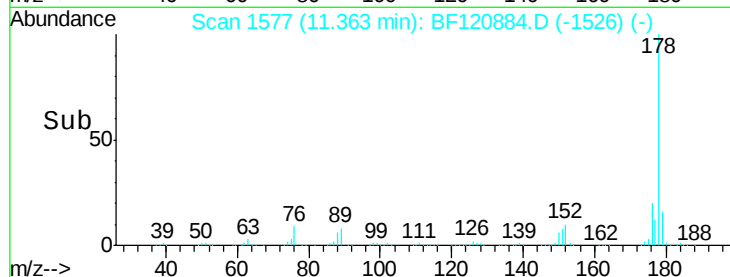
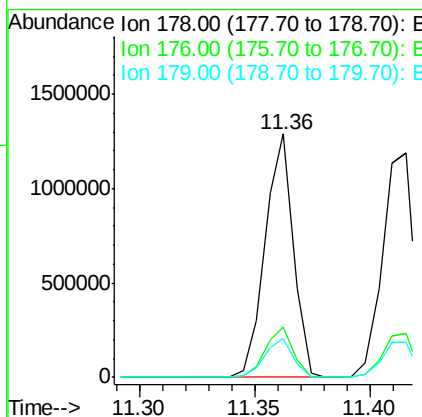
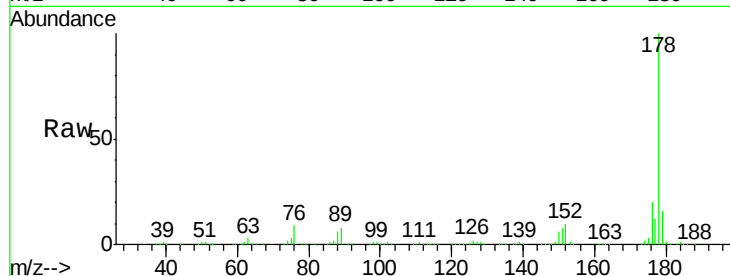
#71
 Phenanthrene
 Concen: 39.116 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.8	19.2

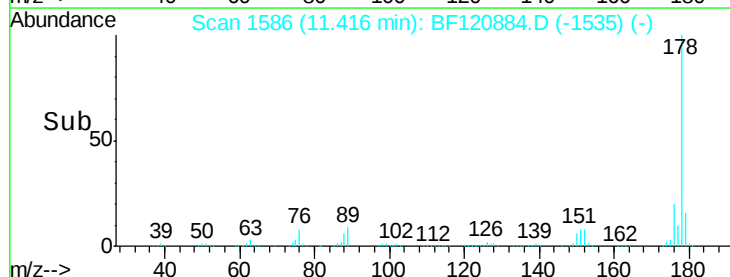
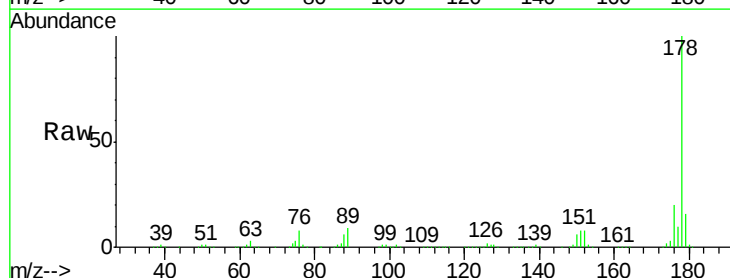
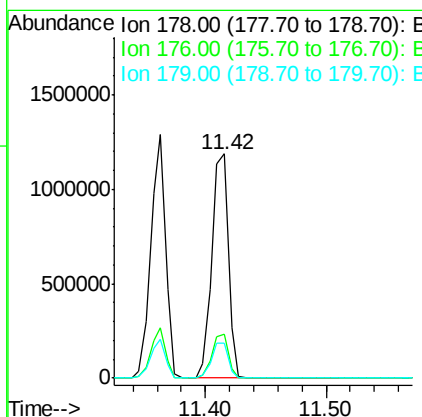
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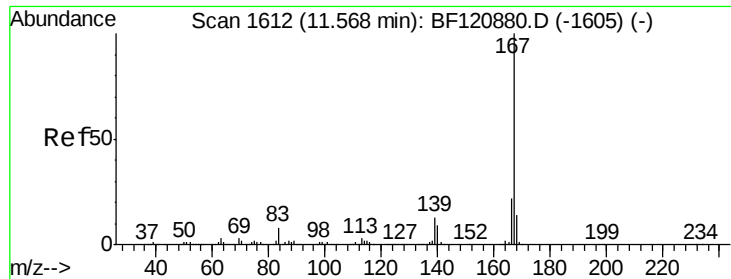
mohammad
 7/17/2020 12:30:05 PM



#72
 Anthracene
 Concen: 39.546 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.8	19.2





#73
 Carbazole
 Concen: 39.428 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

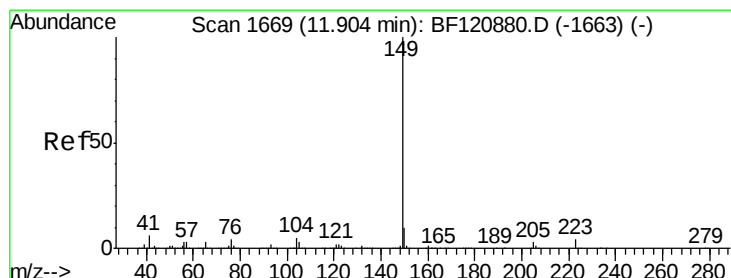
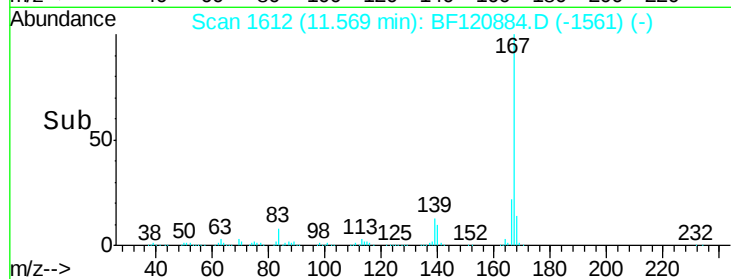
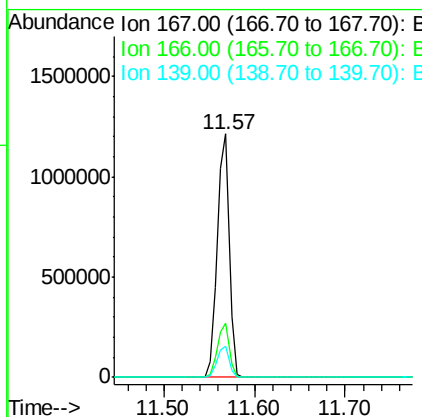
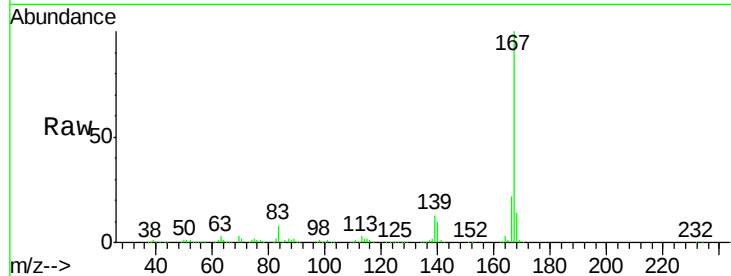
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion:167 Resp: 1101689

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	12.8	10.1	15.1

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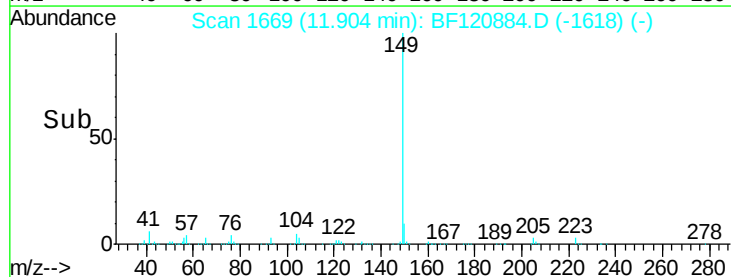
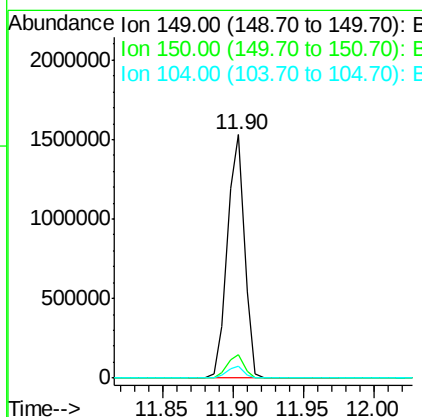
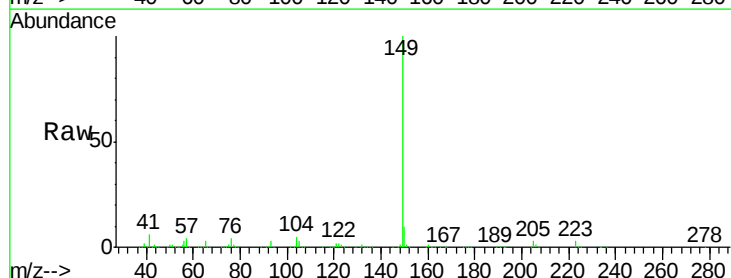
mohammad
 7/17/2020 12:30:05 PM

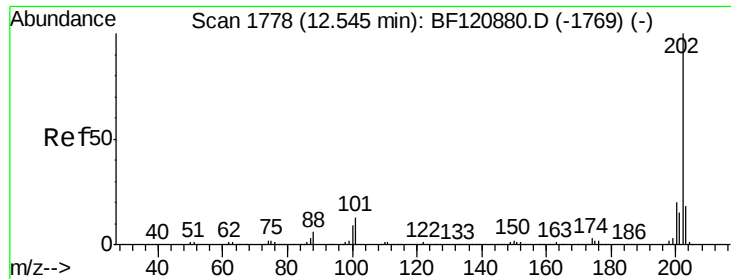


#74
 Di-n-butylphthalate
 Concen: 39.894 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:149 Resp: 1286361

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.6





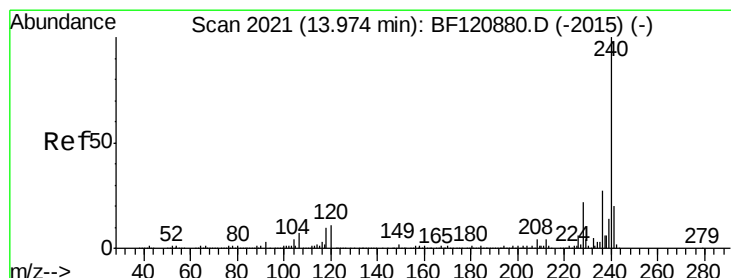
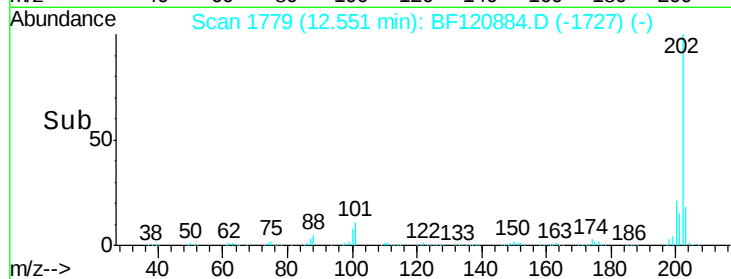
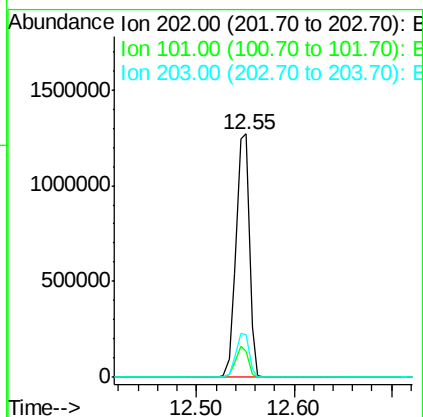
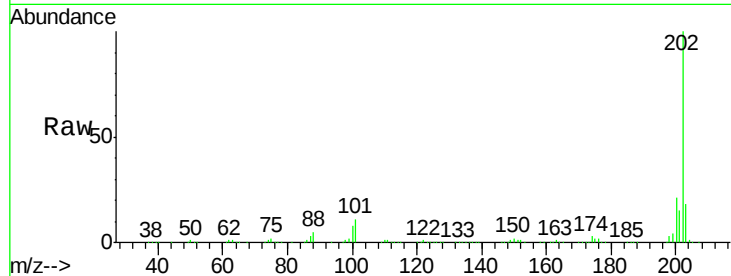
#75
 Fluoranthene
 Concen: 39.198 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.7
203	17.6	0.0	38.0

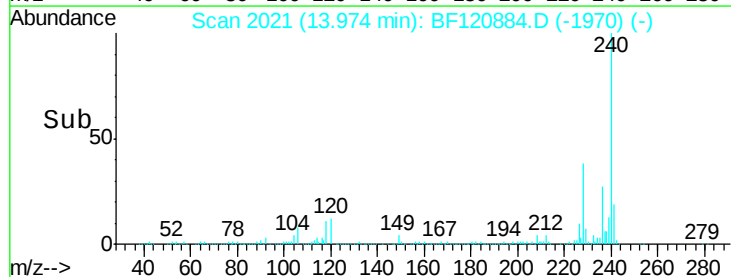
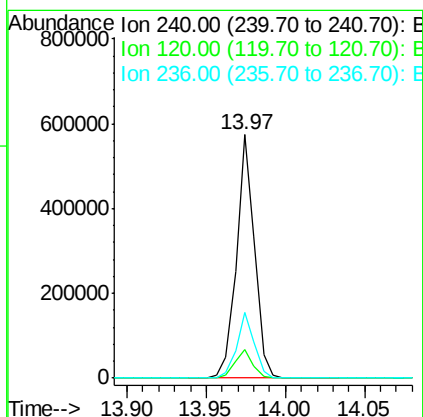
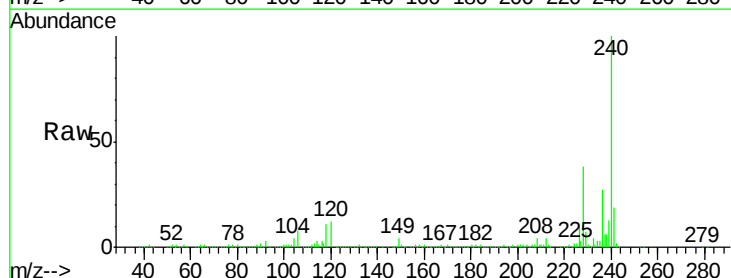
Manual Integrations
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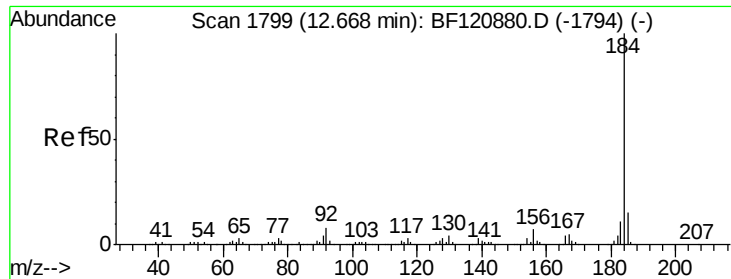
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.8	21.7	32.5





#77

Benzidine

Concen: 41.729 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

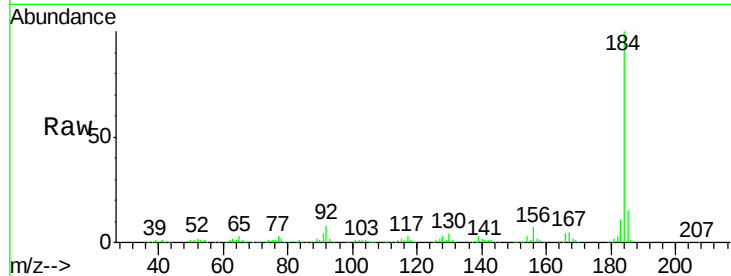
ClientSampleId :

ICVBF071620

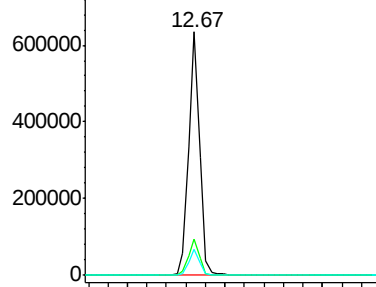
Tot Ion:	184	Resp:	496427
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	10.8	8.5	12.7

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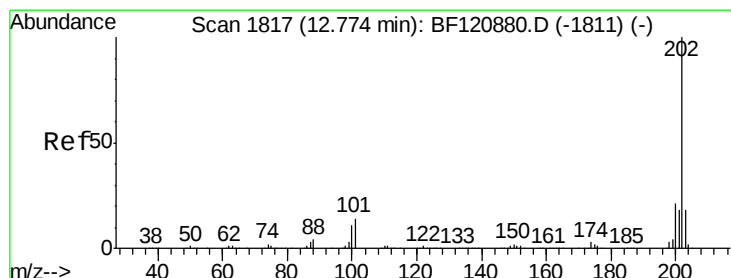
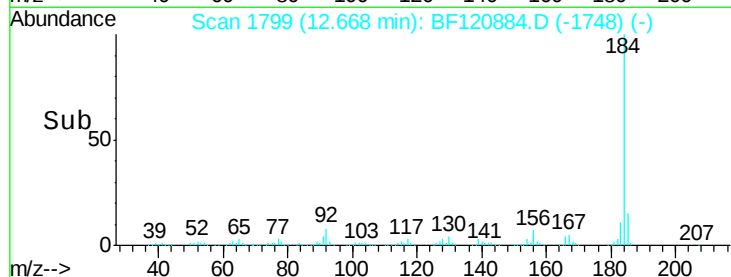
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.989 ng

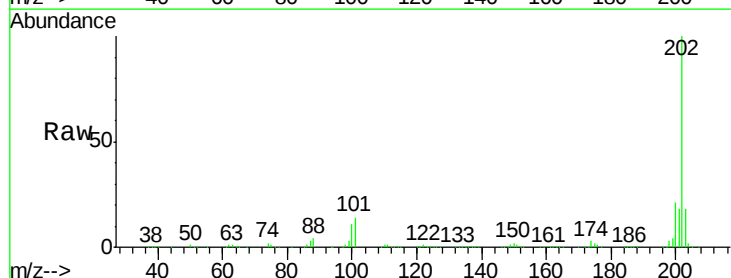
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

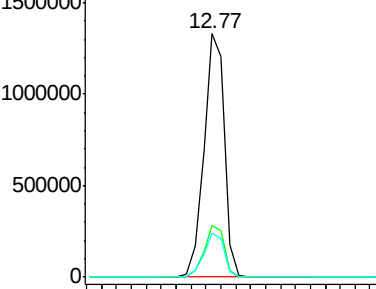
Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

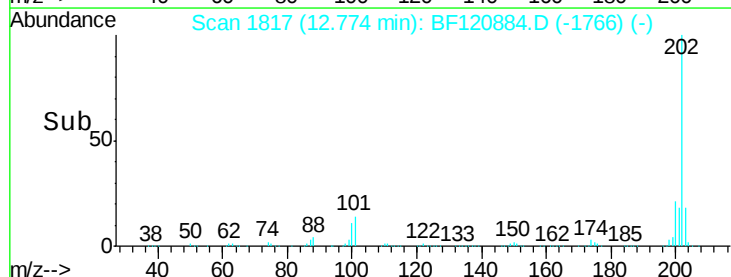
Tgt Ion:	202	Resp:	1279265
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.2	14.4	21.6



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



Time-->





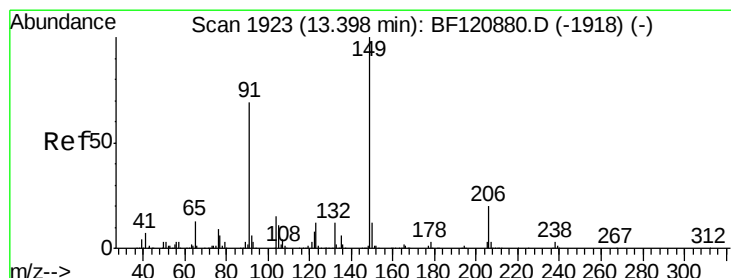
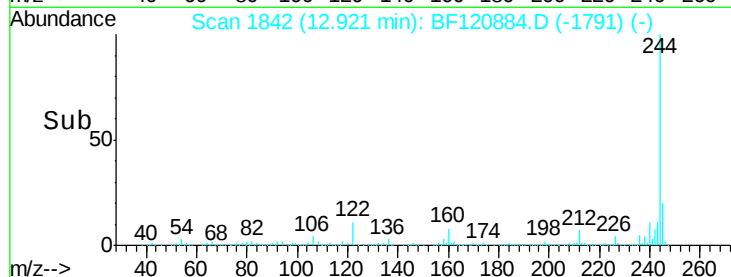
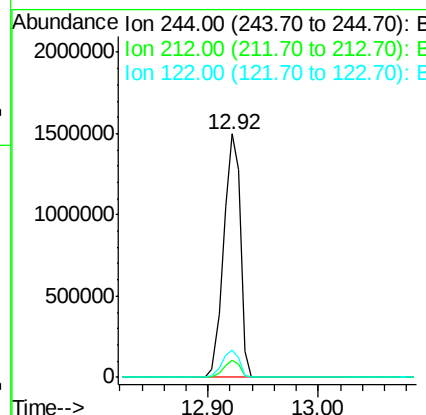
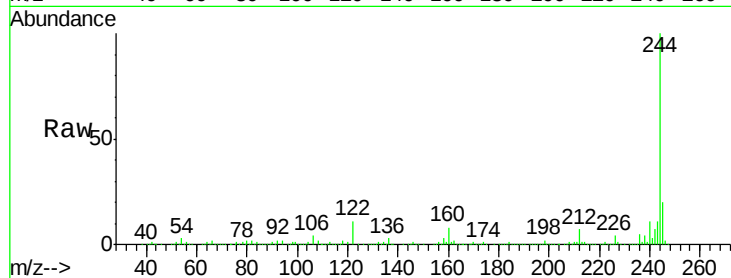
#79
 Terphenyl-d14
 Concen: 75.288 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071620

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.2	8.9	13.3

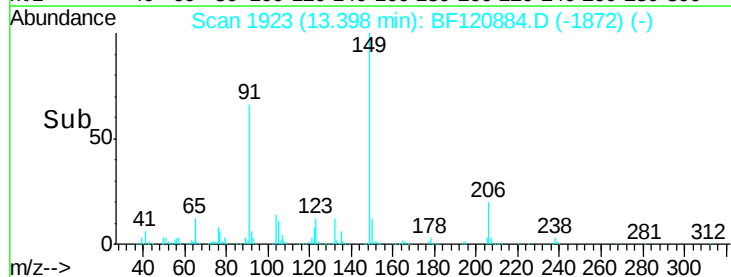
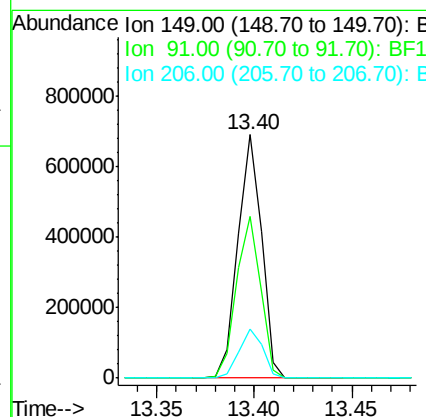
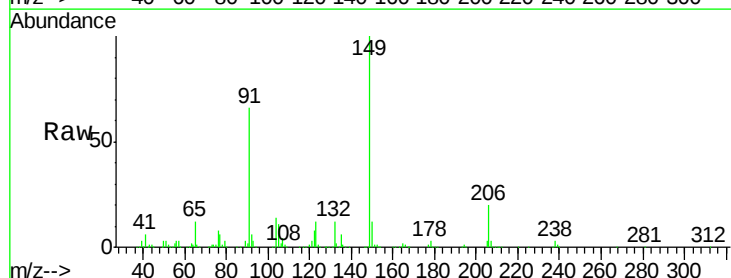
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 40.831 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	55.1	82.7
206	20.3	16.1	24.1





#81

Benzo(a)anthracene

Concen: 38.735 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071620

Tot Ion:228 Resp: 1061338

Ion Ratio Lower Upper

228 100

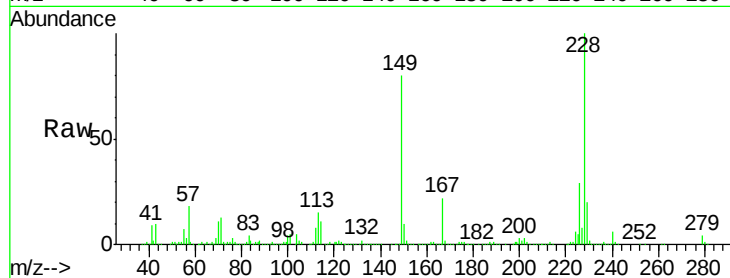
226 28.5 22.3 33.5

229 20.4 16.1 24.1

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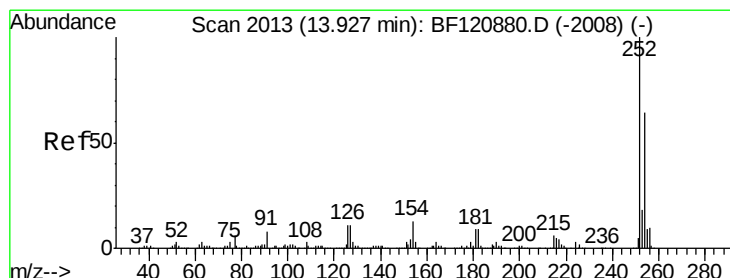
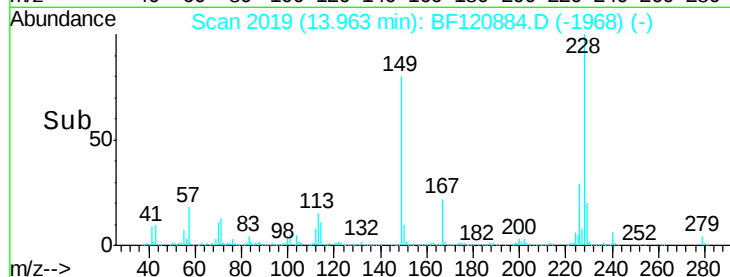
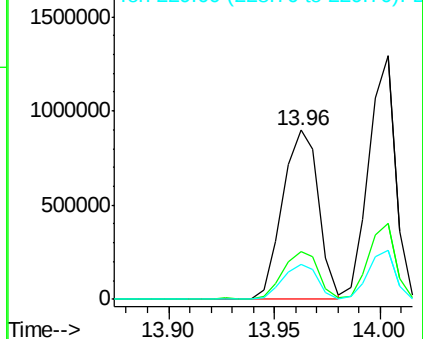
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.764 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

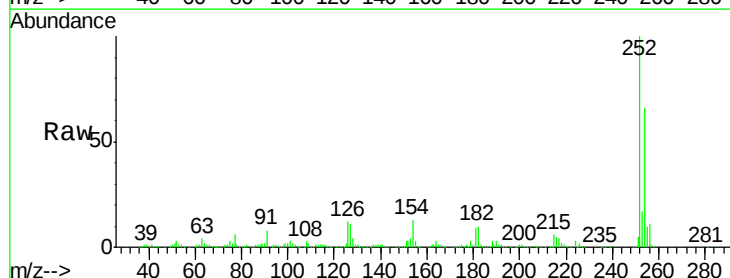
Tgt Ion:252 Resp: 411048

Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

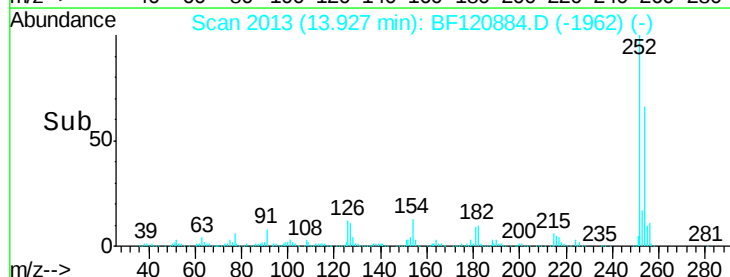
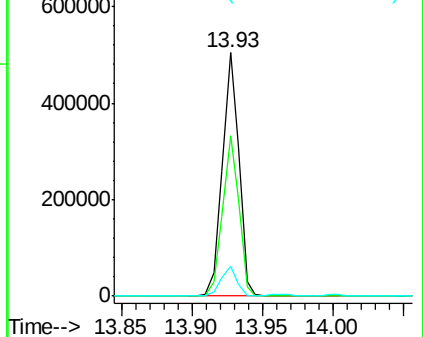
126 12.0 8.7 13.1

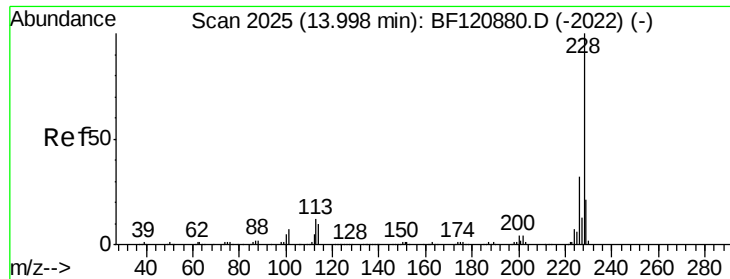


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





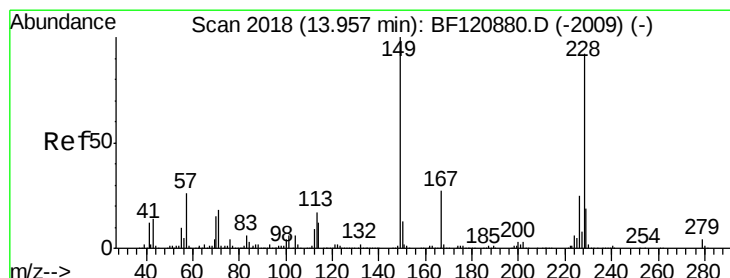
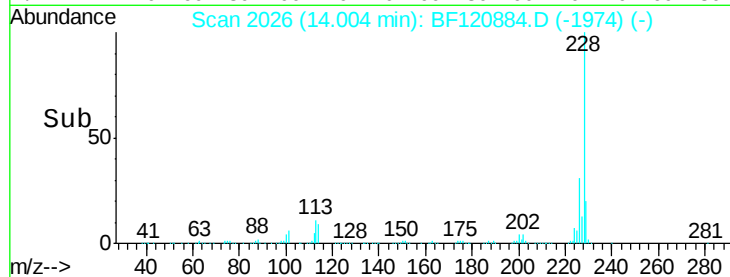
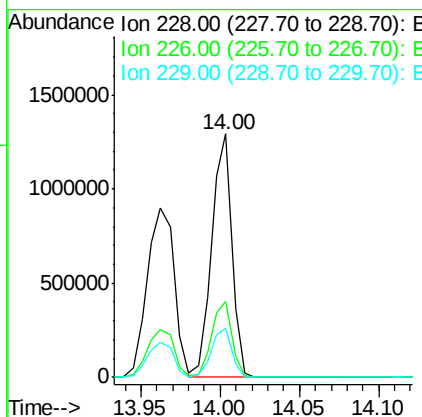
#83
Chrysene
Concen: 39.763 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion:228 Resp: 1144956
Ion Ratio Lower Upper
228 100
226 31.1 25.6 38.4
229 20.3 16.8 25.2

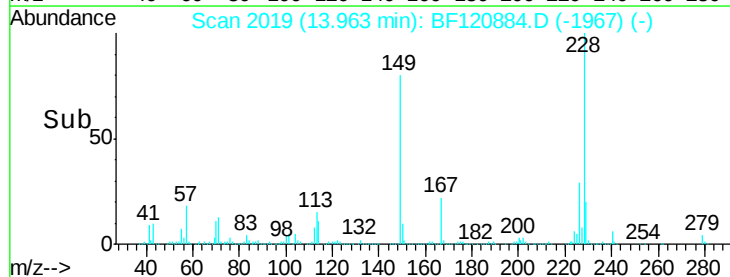
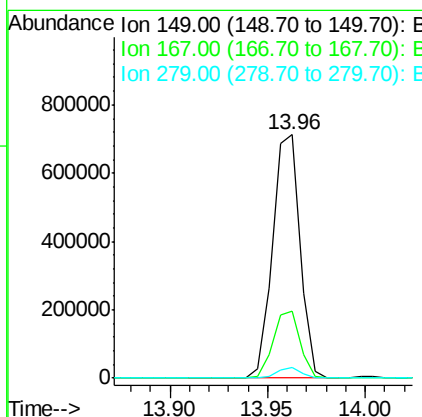
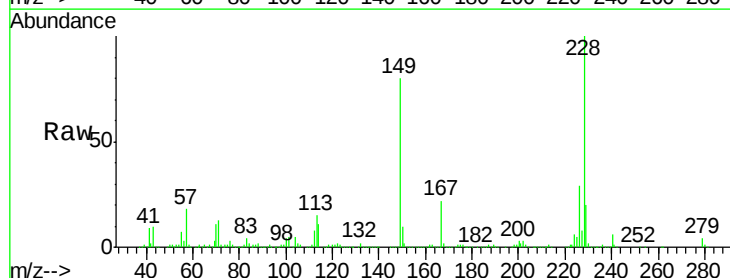
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.519 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:149 Resp: 694950
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 4.5 3.0 4.4#





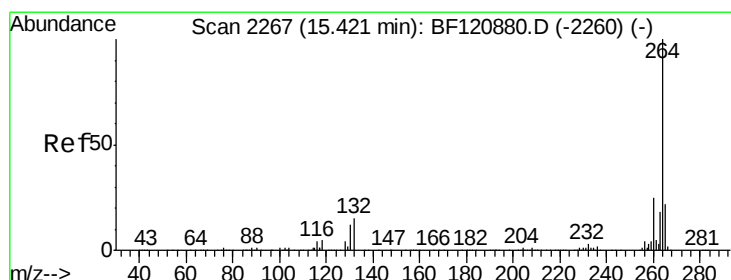
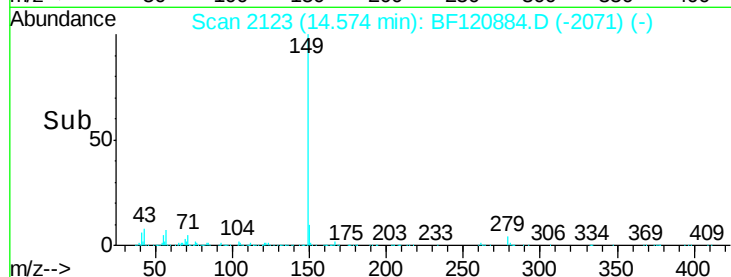
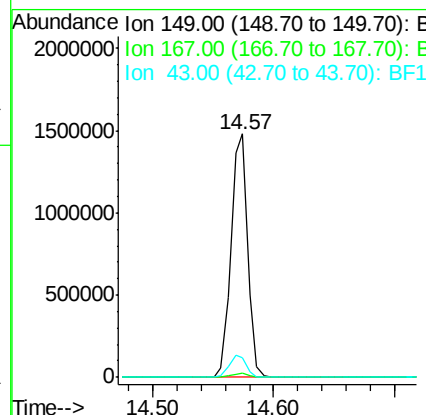
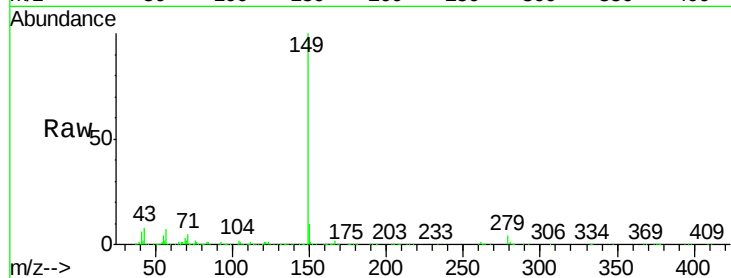
#85
Di-n-octyl phthalate
Concen: 40.208 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.6	11.4

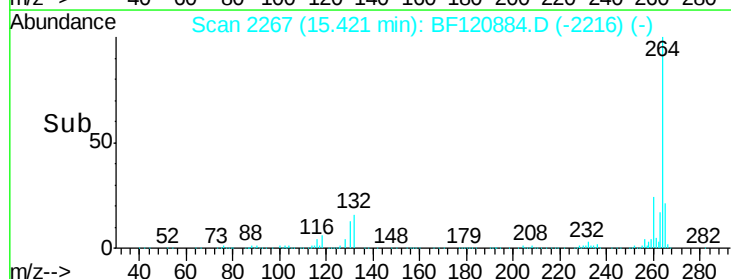
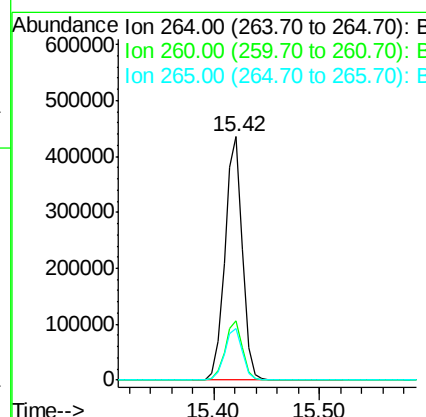
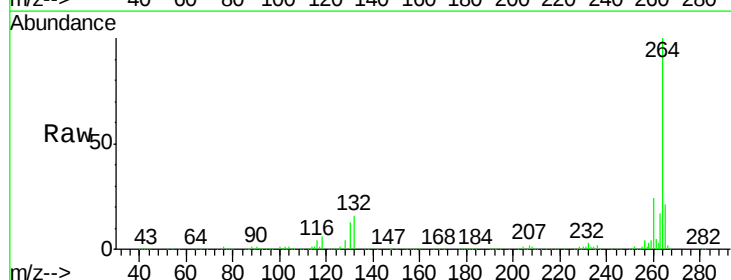
Manual Integrations
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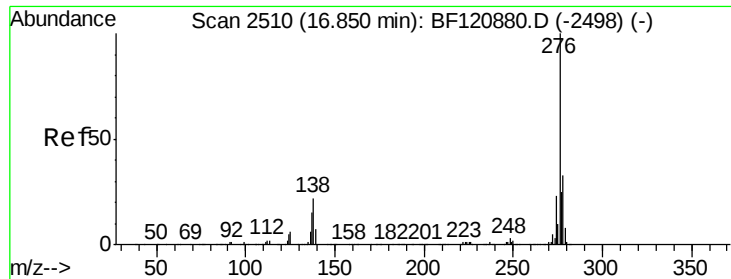
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	21.0	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.764 ng

RT: 16.85 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071620

Tot Ion:276 Resp: 1389204

Ion Ratio Lower Upper

276 100

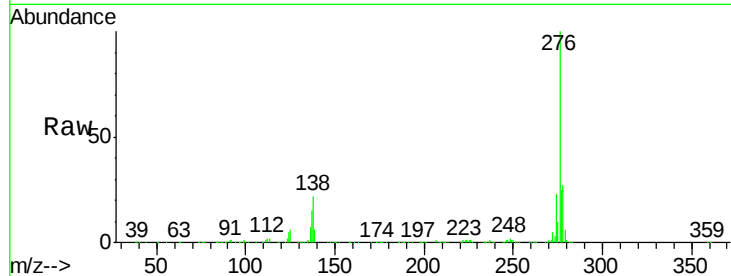
138 24.9 19.8 29.8

277 25.4 20.2 30.2

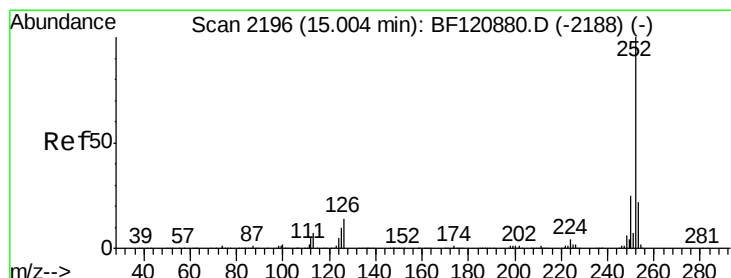
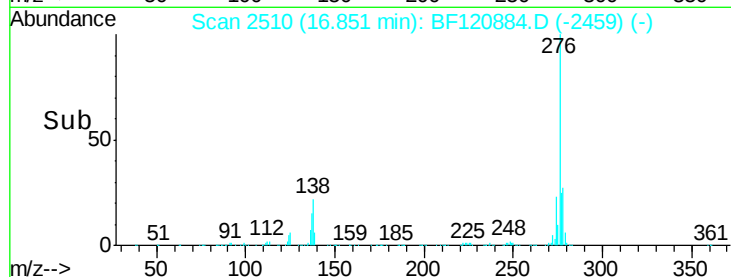
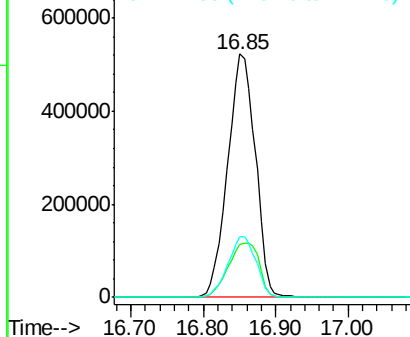
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 39.178 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

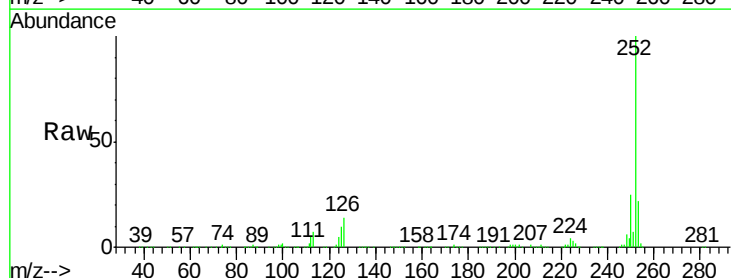
Tgt Ion:252 Resp: 1189655

Ion Ratio Lower Upper

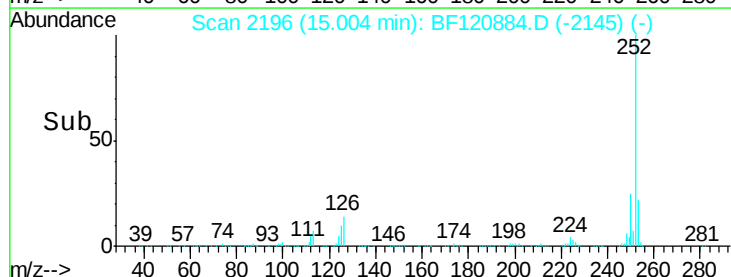
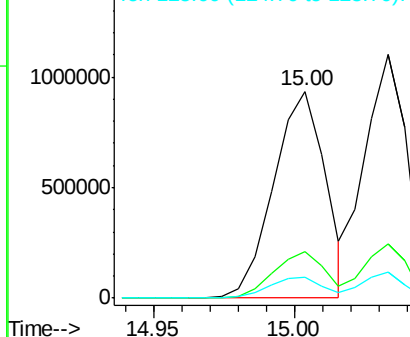
252 100

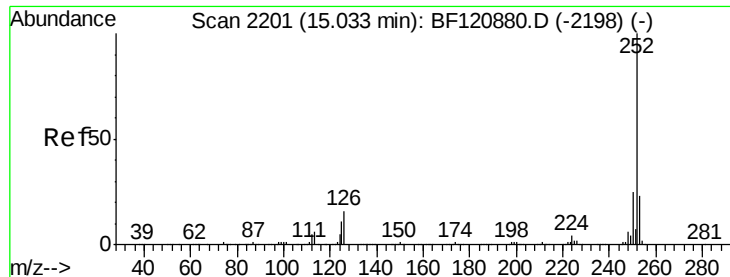
253 22.5 18.0 27.0

125 10.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





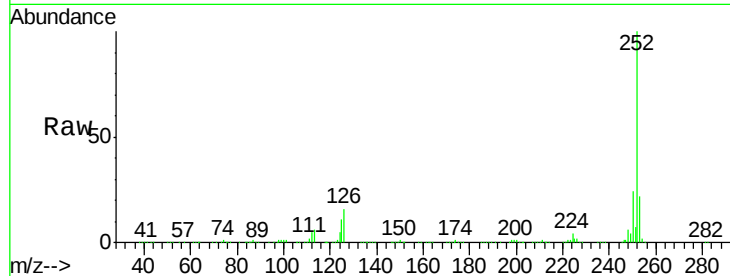
#89
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

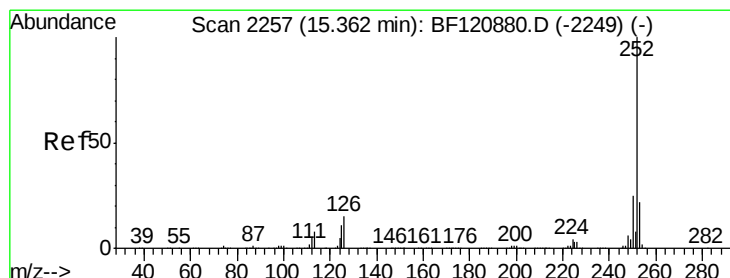
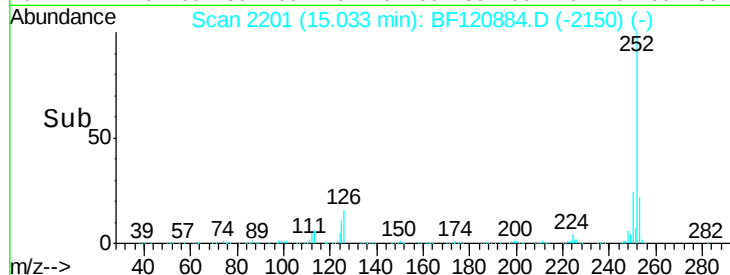
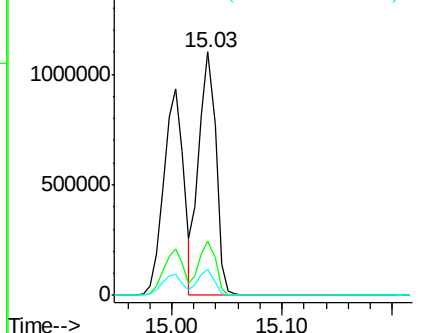
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.5	8.4	12.6

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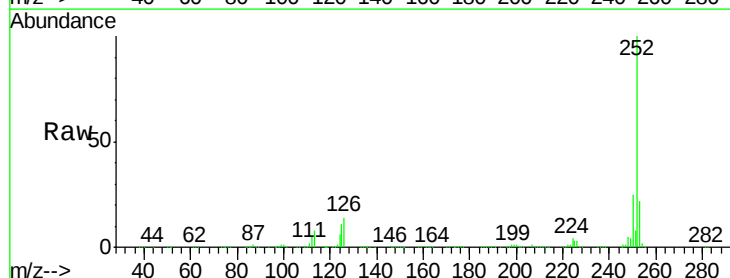


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

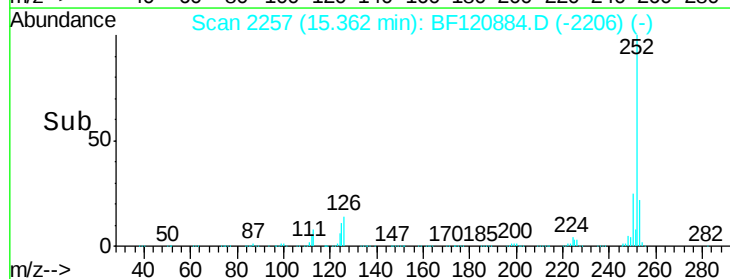
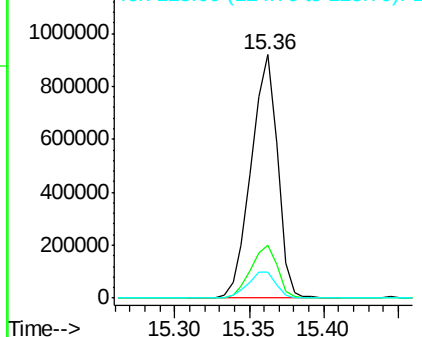


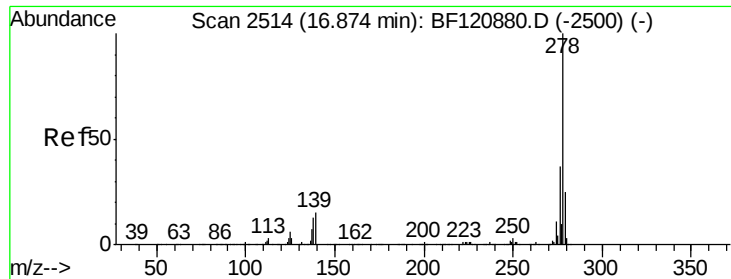
#90
Benzo(a)pyrene
Concen: 40.452 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.6	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





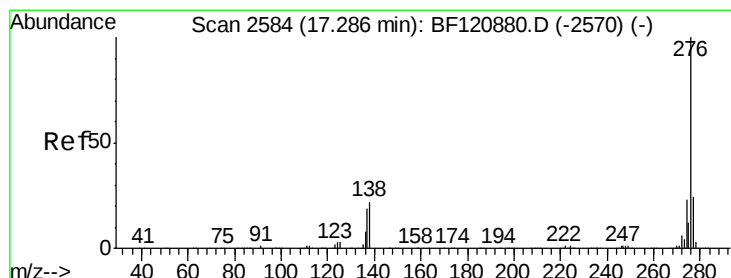
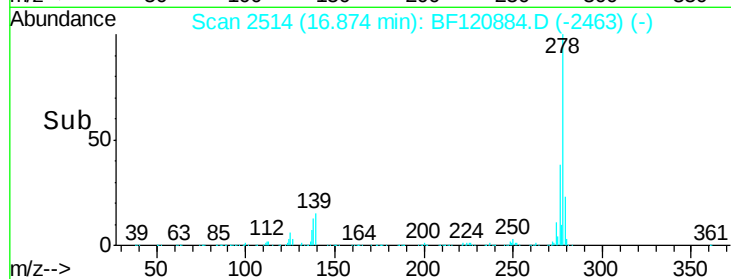
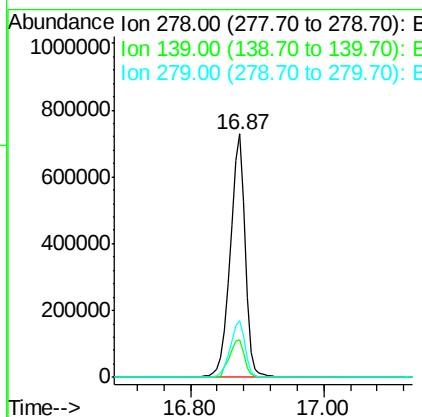
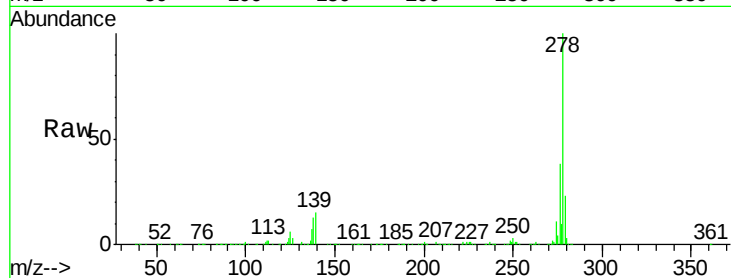
#91
Dibenzo(a,h)anthracene
Concen: 40.529 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071620

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	23.4	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.187 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.0	17.5	26.3

