

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121040.D
 Acq On : 27 Jul 2020 19:18
 Operator : JU/CG
 Sample : L3382-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Manual Integrations
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mohammad
 7/28/2020 11:43:35 AM

Quant Time: Jul 28 03:00:51 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	167532	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	662335	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	350408	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	675461	20.00	ng	0.00
76) Chrysene-d12	13.97	240	493676	20.00	ng	0.00
86) Perylene-d12	15.42	264	460997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1100875	107.72	ng	0.02
7) Phenol-d6	6.45	99	1389438	105.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	881596	77.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	437355	114.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1629218	69.42	ng	0.00
79) Terphenyl-d14	12.92	244	1666300	73.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	186957	39.750	ng	98
3) Pyridine	3.34	79	435990	34.847	ng	99
4) n-Nitrosodimethylamine	3.29	42	220782	41.267	ng	94
6) Aniline	6.47	93	503942	29.245	ng	98
8) 2-Chlorophenol	6.60	128	505420	44.894	ng	99
9) Benzaldehyde	6.36	77	342952	61.944	ng	100
10) Phenol	6.46	94	589660	40.607	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	472215	42.431	ng	100
12) 1,3-Dichlorobenzene	6.76	146	507140	41.543	ng	97
13) 1,4-Dichlorobenzene	6.83	146	511755	42.159	ng	99
14) 1,2-Dichlorobenzene	6.99	146	498583	43.416	ng	99
15) Benzyl Alcohol	6.96	79	399846	42.831	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	660251	41.161	ng	98
17) 2-Methylphenol	7.07	107	401475	40.235	ng	98
18) Hexachloroethane	7.33	117	190223	43.296	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	306555	40.839	ng	99
20) 3+4-Methylphenols	7.22	107	432738	34.092	ng	# 85
22) Acetophenone	7.23	105	606191	40.780	ng	95
24) Nitrobenzene	7.40	77	499676	40.502	ng	100
25) Isophorone	7.64	82	940310	41.161	ng	99
26) 2-Nitrophenol	7.72	139	269136	45.933	ng	99
27) 2,4-Dimethylphenol	7.76	122	435712	45.801	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	605886	43.448	ng	99
29) 2,4-Dichlorophenol	7.96	162	421400	43.349	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	449037	41.634	ng	100
31) Naphthalene	8.12	128	1366082	40.209	ng	100
32) Benzoic acid	7.89	122	316072	44.260	ng	98
33) 4-Chloroaniline	8.17	127	277942	18.339	ng	97
34) Hexachlorobutadiene	8.24	225	257945	40.570	ng	99
35) Caprolactam	8.55	113	130169	41.755	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	439066	44.039	ng	97
37) 2-Methylnaphthalene	8.81	142	945599	42.865	ng	99
38) 1-Methylnaphthalene	8.91	142	894485	42.813	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	425838	41.710	ng	99

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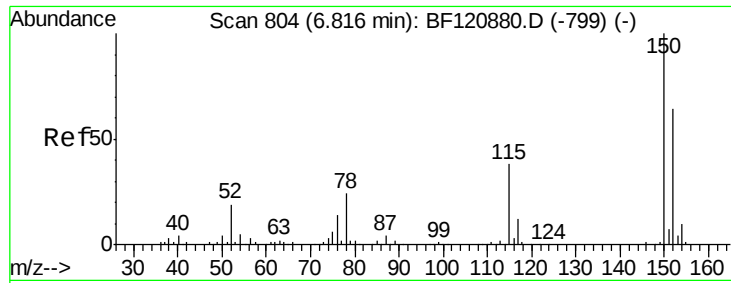
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	419540	74.353	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	314449	43.744	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	325673	39.941	nq	98
46) 1,1'-Biphenyl	9.27	154	1158125	43.328	nq	99
47) 2-Chloronaphthalene	9.30	162	887105	40.707	nq	99
48) 2-Nitroaniline	9.40	65	278469	42.283	nq	93
49) Acenaphthylene	9.72	152	1426352	42.131	nq	100
50) Dimethylphthalate	9.58	163	1287698	50.938	nq	99
51) 2,6-Dinitrotoluene	9.64	165	241015	44.377	nq	91
52) Acenaphthene	9.89	154	965053m	44.836	nq	
53) 3-Nitroaniline	9.80	138	150189	22.049	nq	98
54) 2,4-Dinitrophenol	9.92	184	219796	71.136	nq	# 83
55) Dibenzofuran	10.06	168	1258903	40.446	nq	99
56) 4-Nitrophenol	9.97	139	416656	80.525	nq	100
57) 2,4-Dinitrotoluene	10.05	165	324469	45.493	nq	97
58) Fluorene	10.40	166	916394	39.475	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	289388	46.613	nq	96
60) Diethylphthalate	10.28	149	1085263	42.443	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	457415	36.942	nq	98
62) 4-Nitroaniline	10.42	138	257814	38.856	nq	99
63) Azobenzene	10.55	77	998521	41.019	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	155585	40.455	nq	98
66) n-Nitrosodiphenylamine	10.52	169	904953	42.589	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	314262	41.730	nq	97
68) Hexachlorobenzene	10.95	284	353985	43.453	nq	# 90
69) Atrazine	11.04	200	262232	49.831	nq	97
70) Pentachlorophenol	11.15	266	404816	86.741	nq	99
71) Phenanthrene	11.36	178	1438605	41.412	nq	99
72) Anthracene	11.42	178	1468346	42.093	nq	99
73) Carbazole	11.57	167	1389297	40.132	nq	100
74) Di-n-butylphthalate	11.90	149	1715240	42.935	nq	100
75) Fluoranthene	12.55	202	1587026	41.215	nq	98
77) Benzidine	12.67	184	821006	63.253	nq	99
78) Pyrene	12.78	202	1615502	46.285	nq	100
80) Butylbenzylphthalate	13.40	149	752732	48.378	nq	97
81) Benzo(a)anthracene	13.97	228	1228307	41.088	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	401818	35.627	nq	99
83) Chrysene	14.00	228	1339924	42.651	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	926073	48.267	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1756514	46.016	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1347731	42.037	nq	99
88) Benzo(b)fluoranthene	15.00	252	1230888	44.172	nq	100
89) Benzo(k)fluoranthene	15.03	252	1231574	48.462	nq	100
90) Benzo(a)pyrene	15.36	252	1117713	43.964	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1122982	42.880	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1116302	43.231	nq	98

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



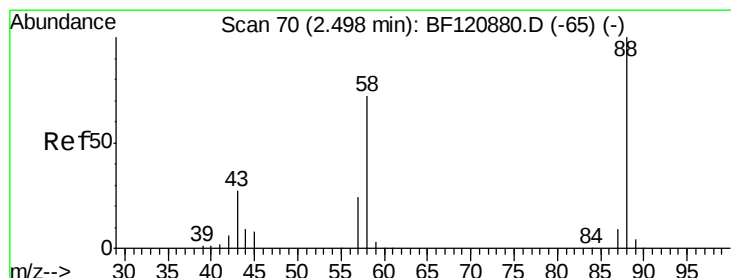
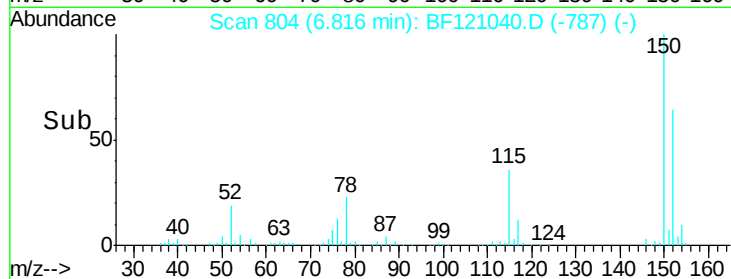
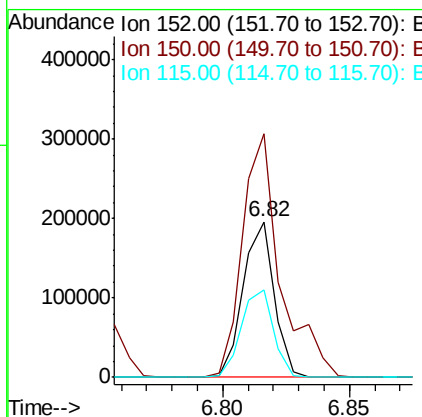
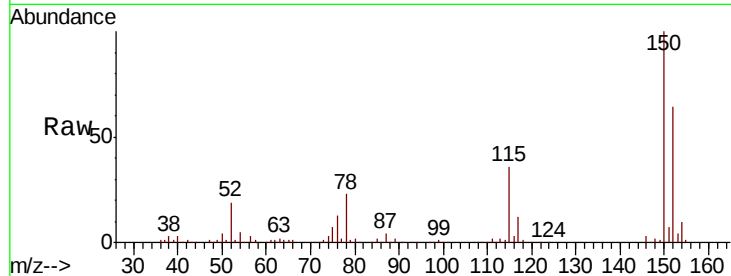
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.0	187.6
115	56.5	47.0	70.4

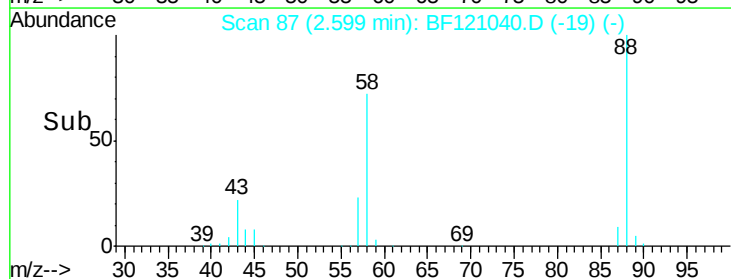
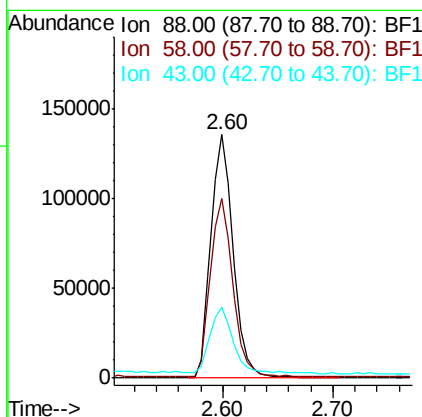
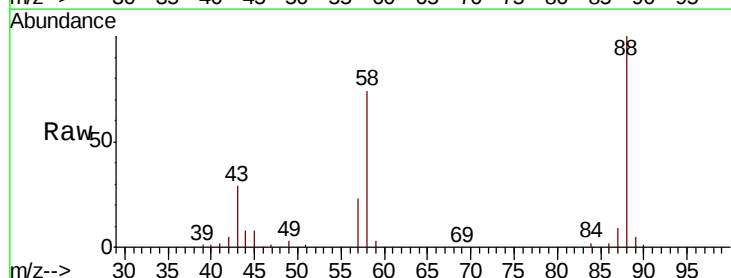
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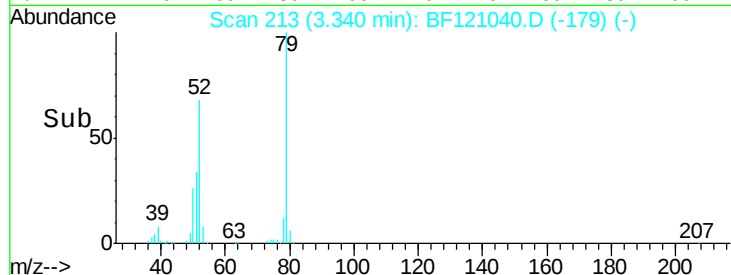
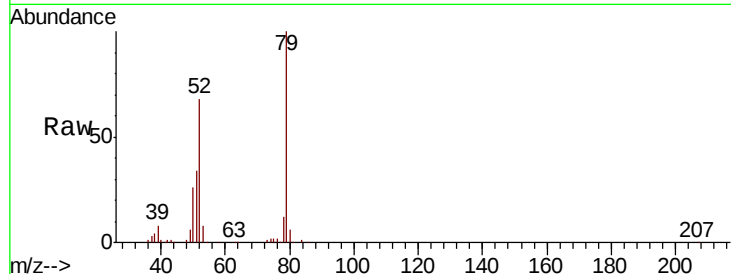
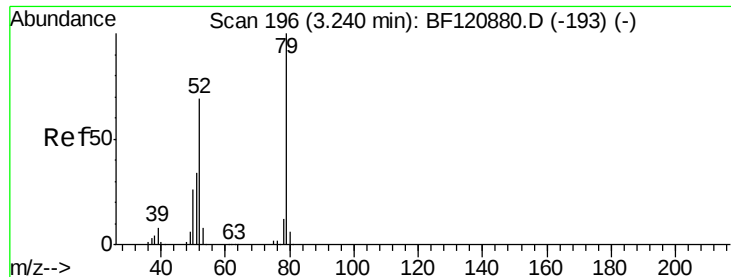
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#2
 1,4-Dioxane
 Concen: 39.750 ng
 RT: 2.60 min Scan# 87
 Delta R.T. 0.10 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	58.2	87.2
43	26.7	22.1	33.1





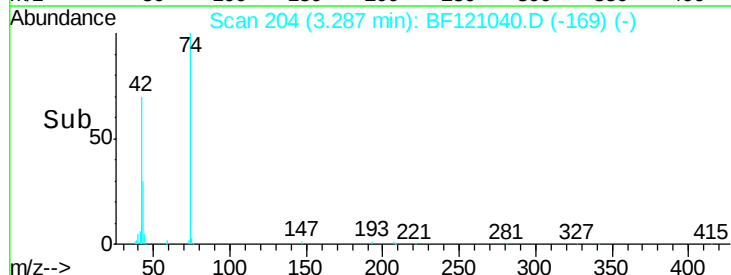
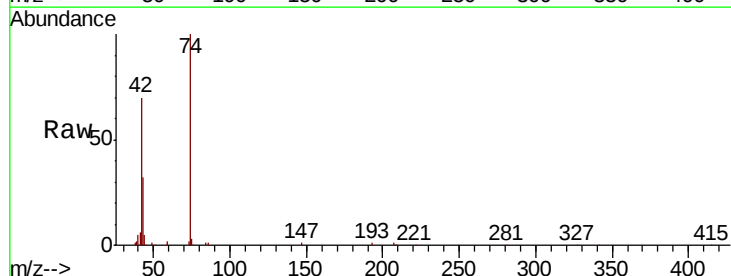
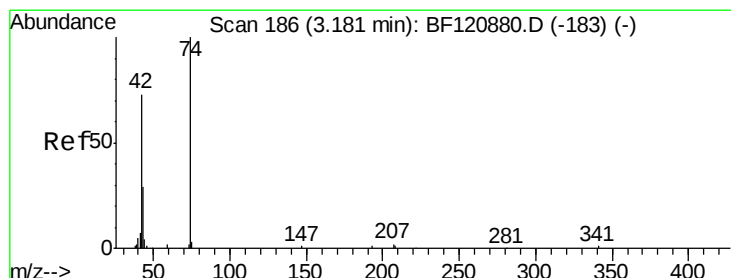
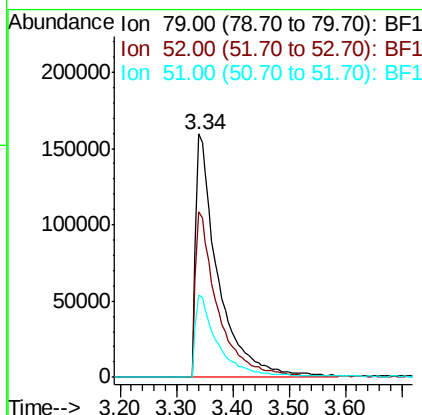
#3
 Pvridine
 Concen: 34.847 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.10 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tot Ion:	79	Resp:	435990
Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.0	82.6
51	34.0	26.9	40.3

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

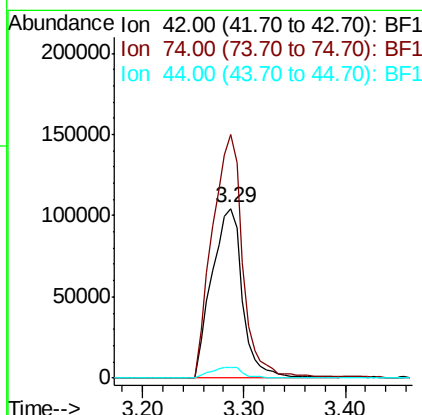
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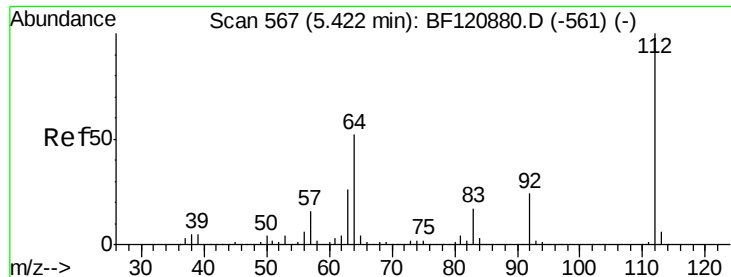
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 7/28/2020 11:43:35 AM



#4
 n-Nitrosodimethylamine
 Concen: 41.267 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.11 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion:	42	Resp:	220782
Ion	Ratio	Lower	Upper
42	100		
74	143.3	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 107.724 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

CTR-020MS

Tot Ion:112 Resp: 1100875

Ion Ratio Lower Upper

112 100

64 51.8 41.3 61.9

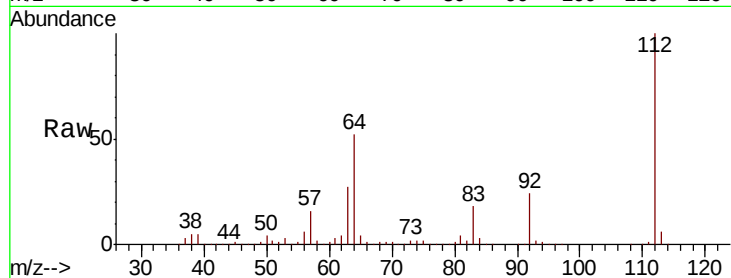
63 26.9 21.1 31.7

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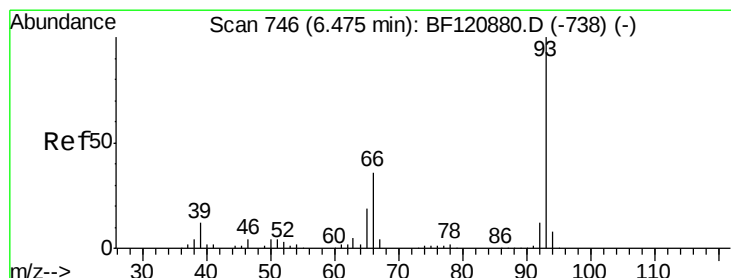
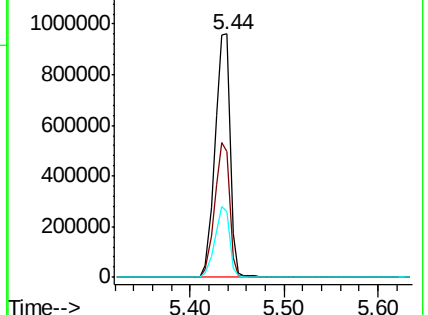
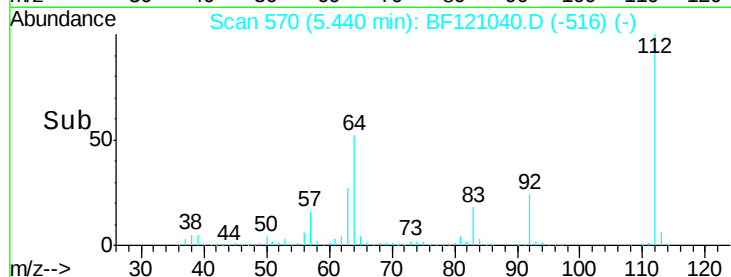
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.245 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

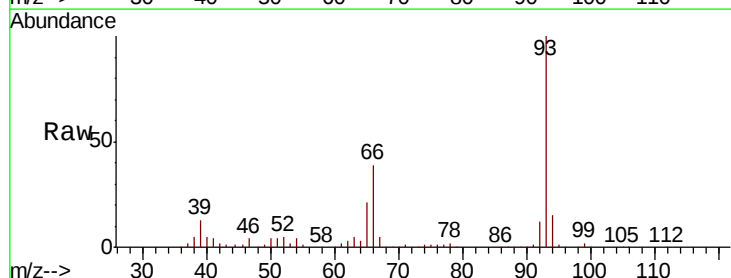
Tgt Ion: 93 Resp: 503942

Ion Ratio Lower Upper

93 100

66 38.9 30.2 45.4

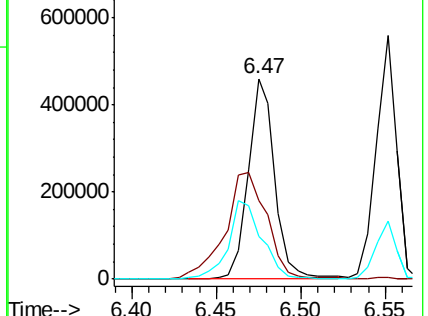
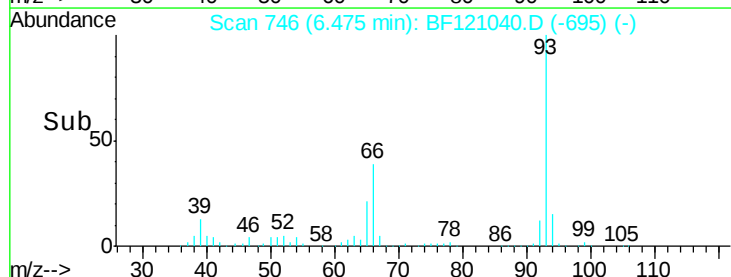
65 21.0 15.8 23.6

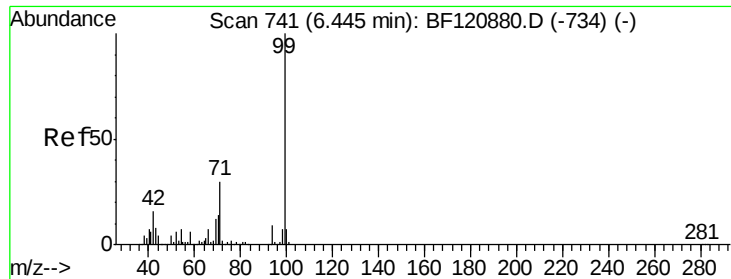


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.254 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

CTR-020MS

Tot Ion: 99 Resp: 1389438

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

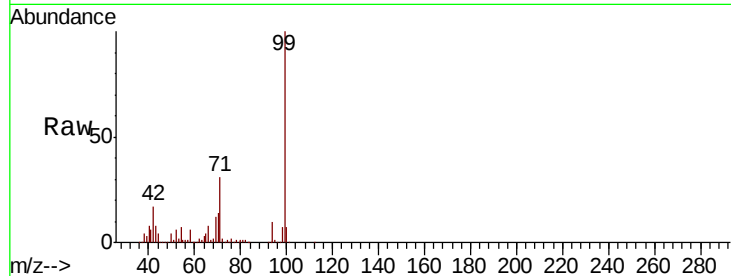
71 31.0 24.2 36.4

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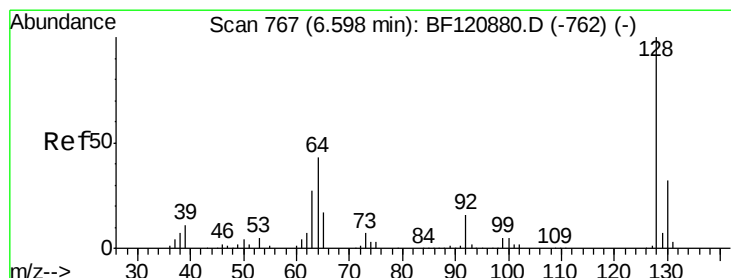
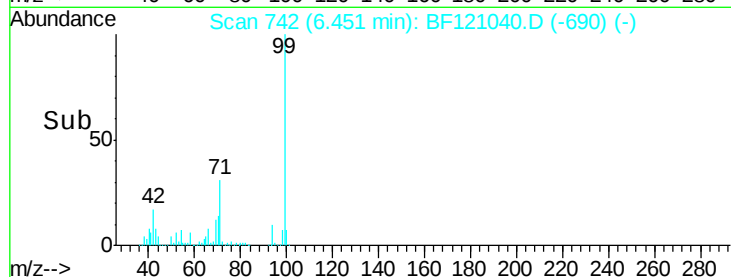
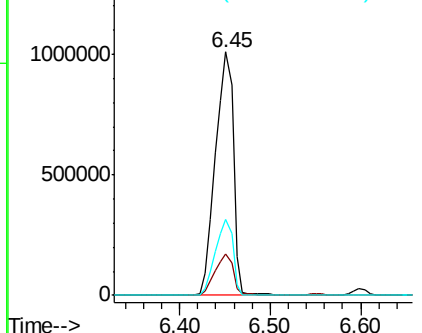
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.894 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

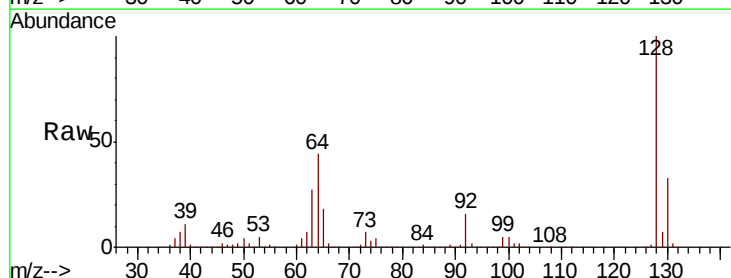
Tgt Ion: 128 Resp: 505420

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

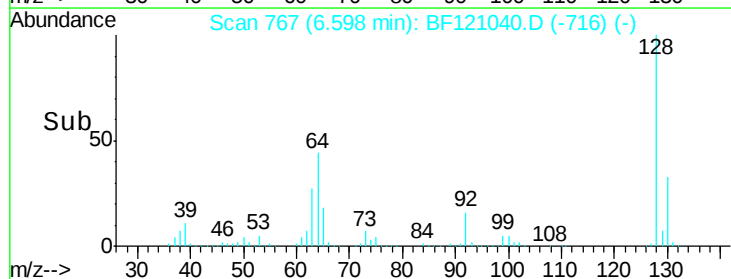
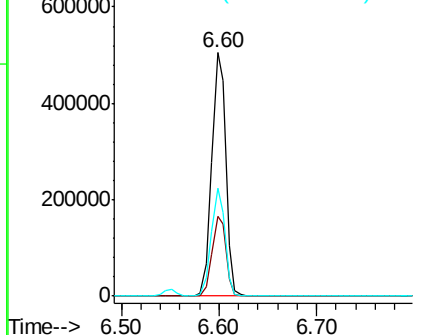
64 44.3 24.0 64.0

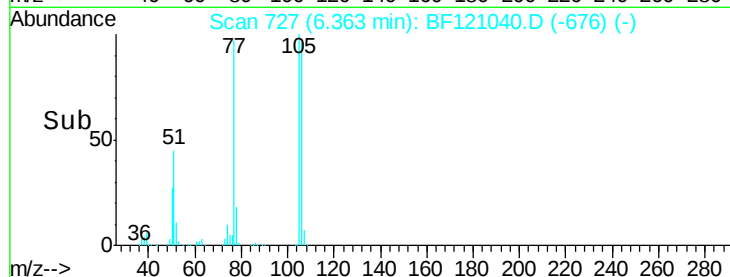
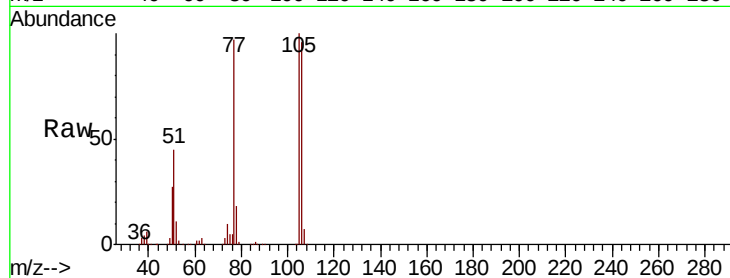
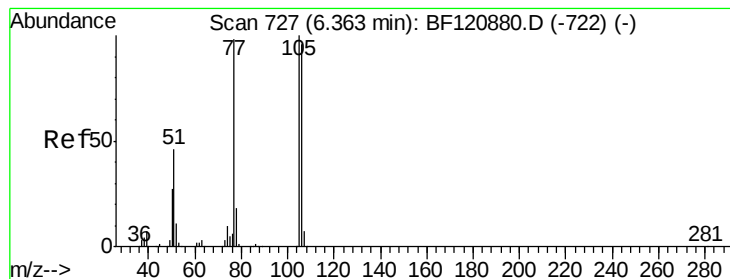


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 61.944 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Tot Ion:	77	Resp:	342952
Ion Ratio	Lower	Upper	
77	100		
105	102.8	82.5	122.5
106	98.6	78.7	118.7

Instrument :

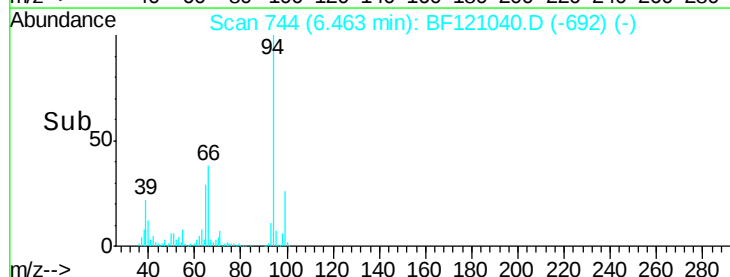
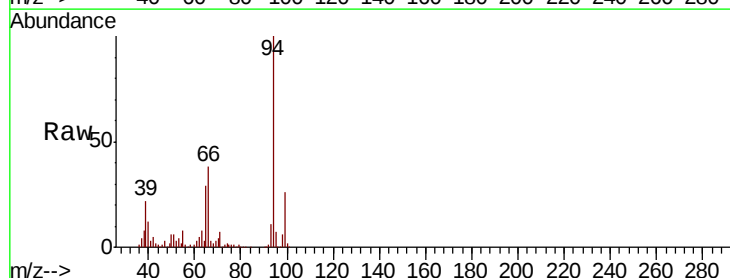
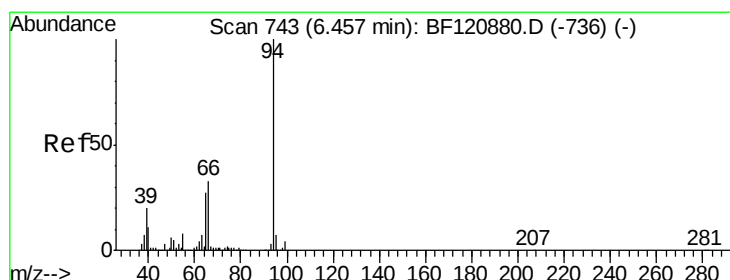
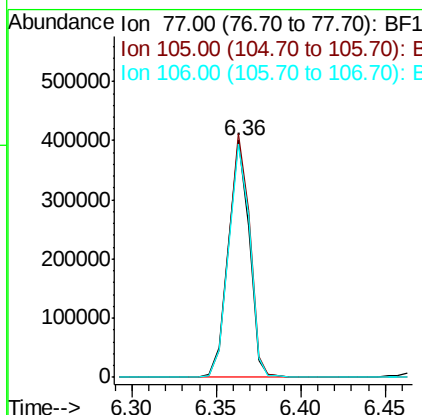
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ClientSampled :

CTR-020MS

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#10

Phenol

Concen: 40.607 ng

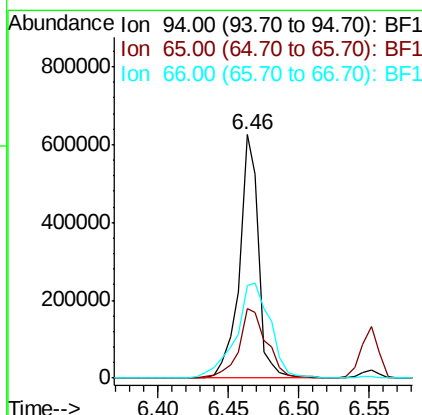
RT: 6.46 min Scan# 744

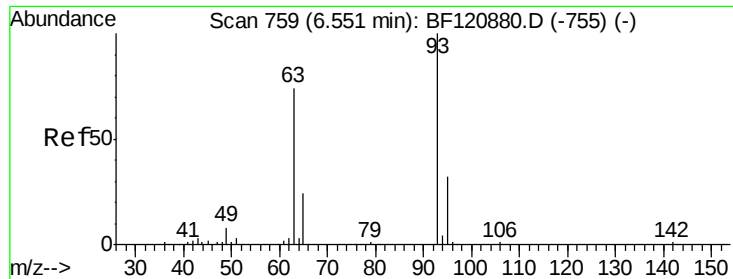
Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Tgt Ion:	94	Resp:	589660
Ion Ratio	Lower	Upper	
94	100		
65	28.6	6.6	46.6
66	38.1	13.2	53.2





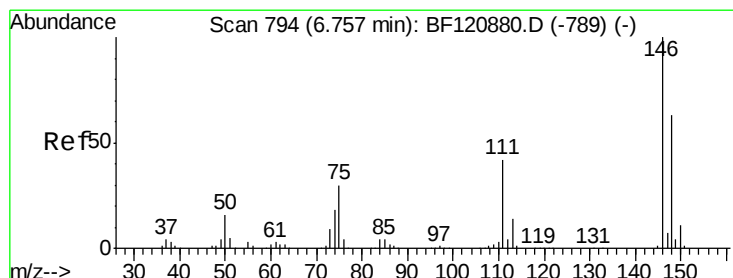
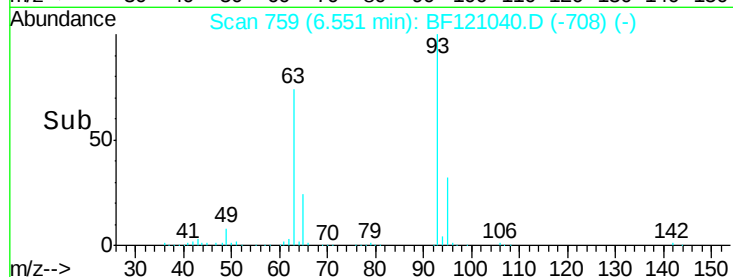
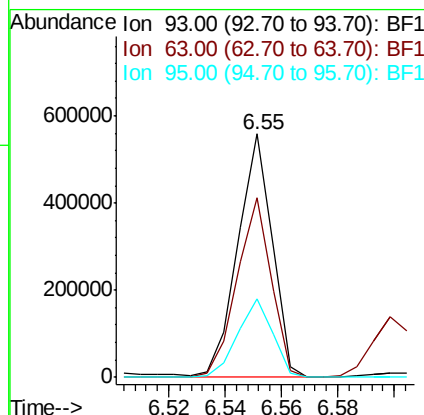
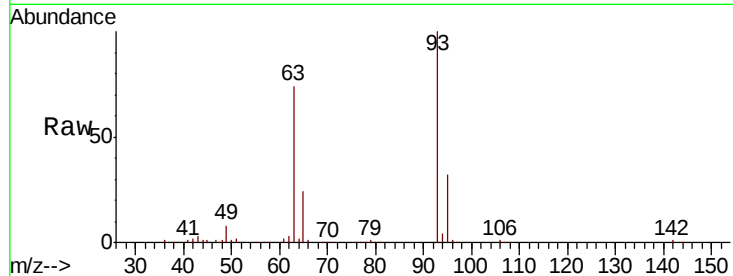
#11
bis(2-Chloroethyl)ether
Concen: 42.431 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion:	93	Resp:	472215
Ion	Ratio	Lower	Upper
93	100		
63	73.8	54.2	94.2
95	32.4	12.2	52.2

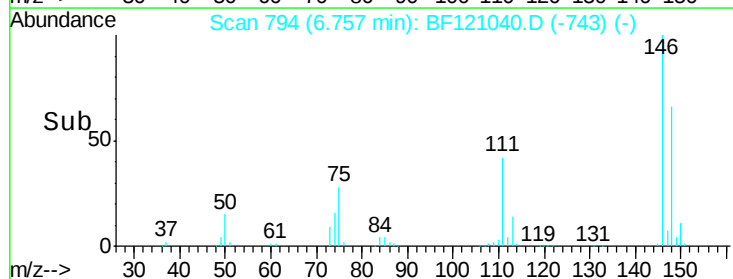
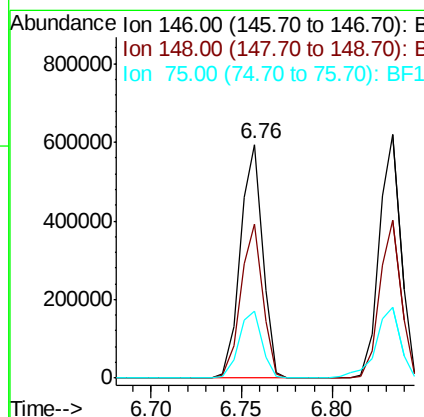
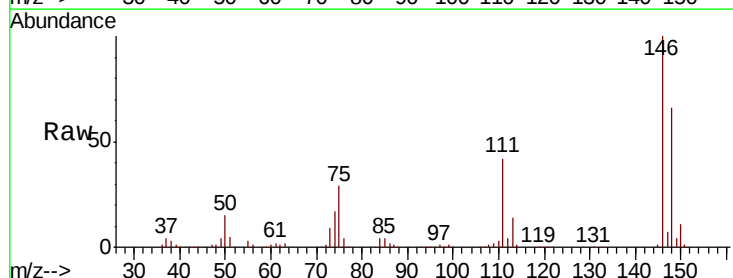
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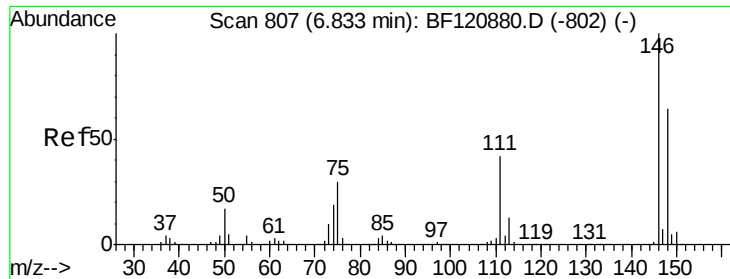
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#12
1,3-Dichlorobenzene
Concen: 41.543 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion:	146	Resp:	507140
Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.6	75.8
75	28.8	24.1	36.1





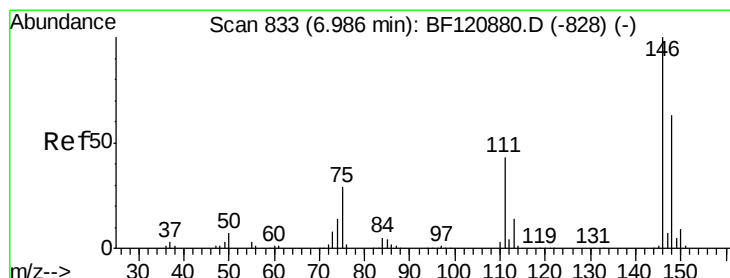
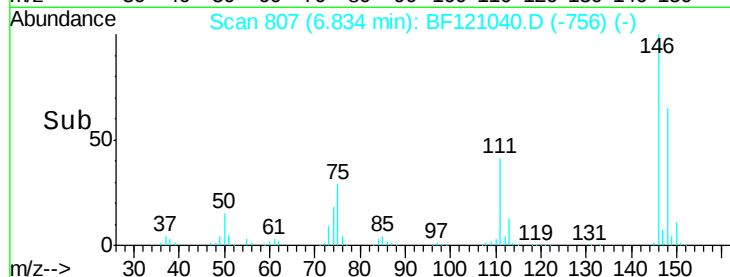
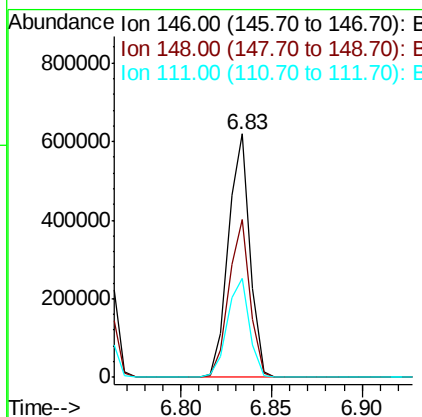
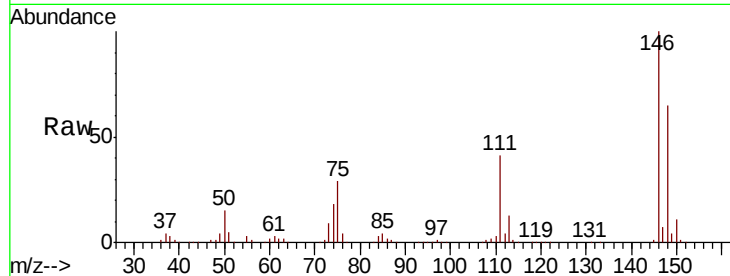
#13
1,4-Dichlorobenzene
Concen: 42.159 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	40.9	33.5	50.3

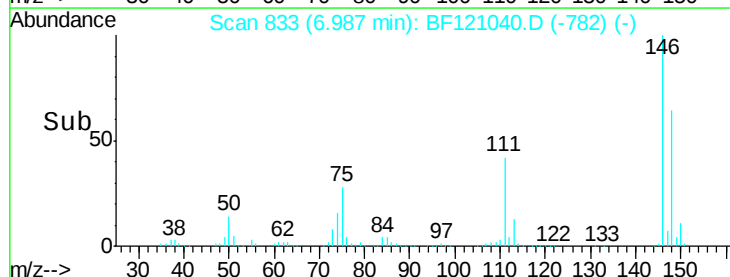
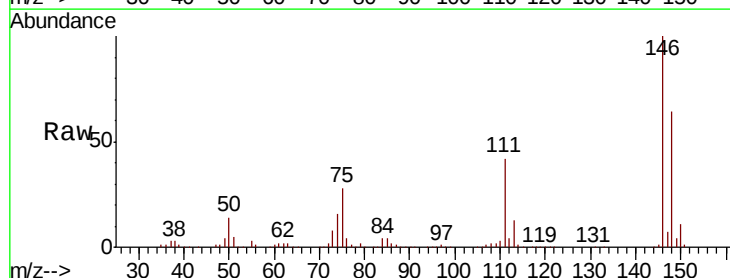
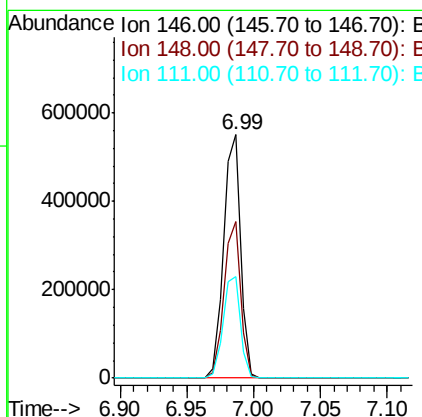
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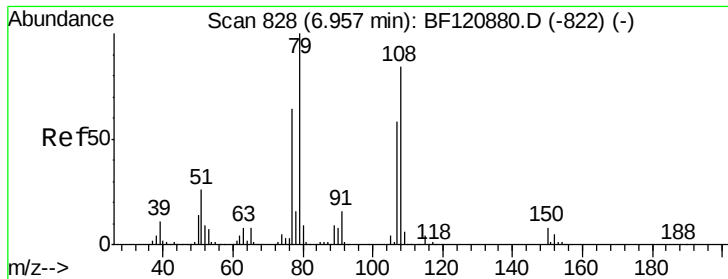
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#14
1,2-Dichlorobenzene
Concen: 43.416 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	41.7	34.2	51.2





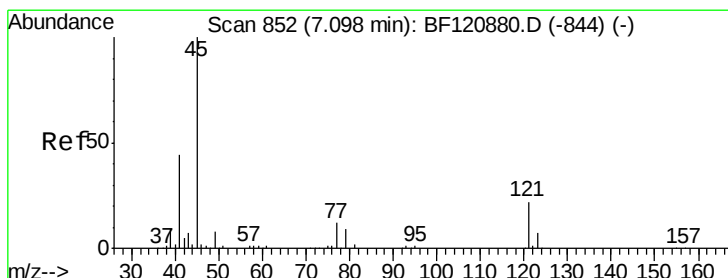
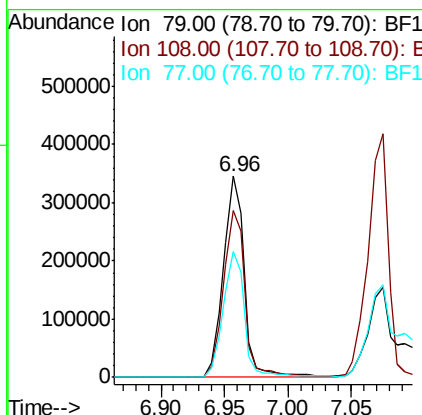
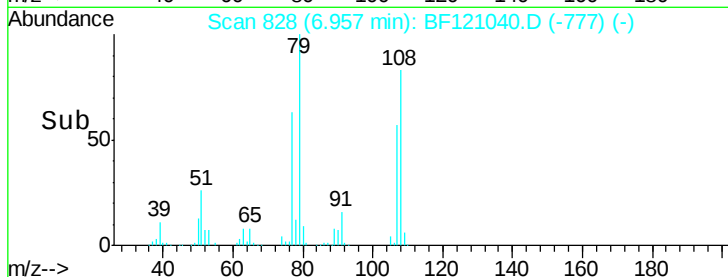
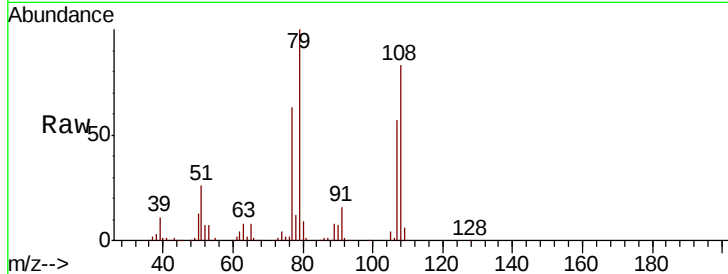
#15
Benzyl Alcohol
Concen: 42.831 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	67.0	100.6
77	63.0	51.0	76.4

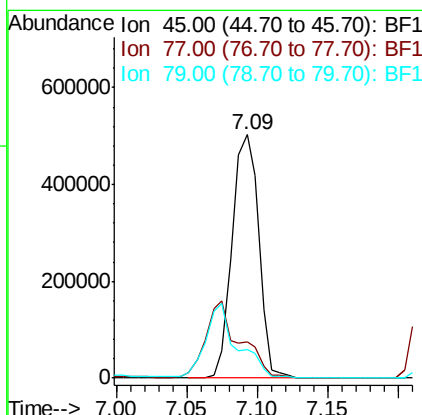
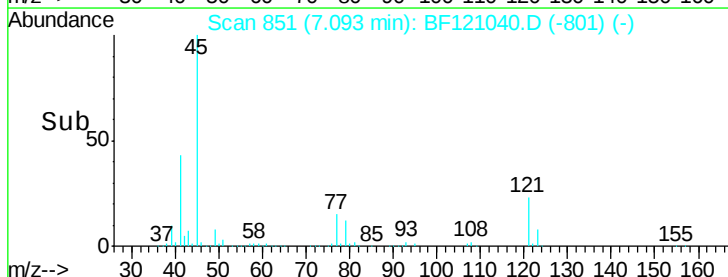
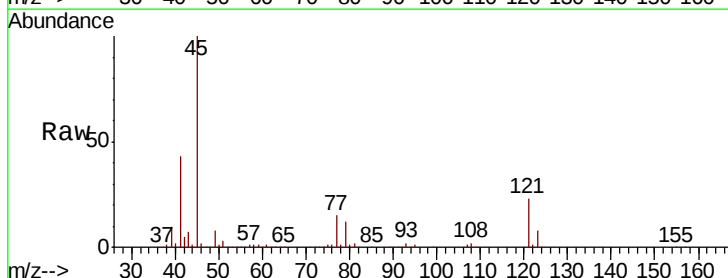
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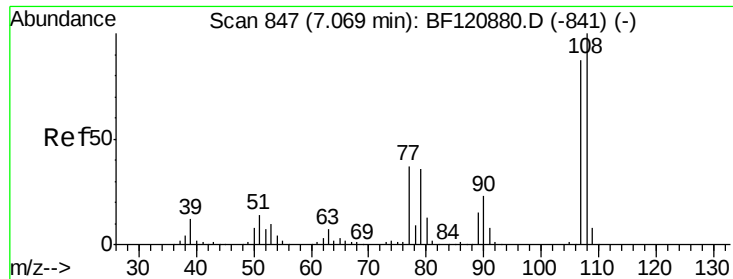
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.161 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.3
79	11.7	0.0	31.0





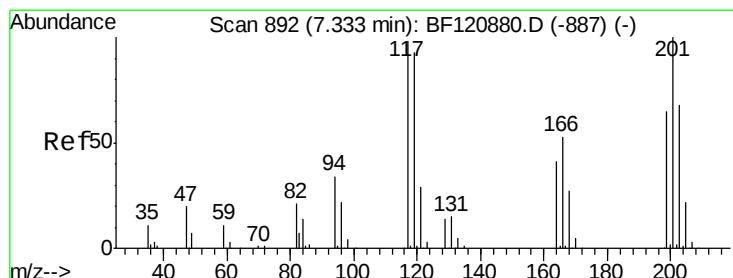
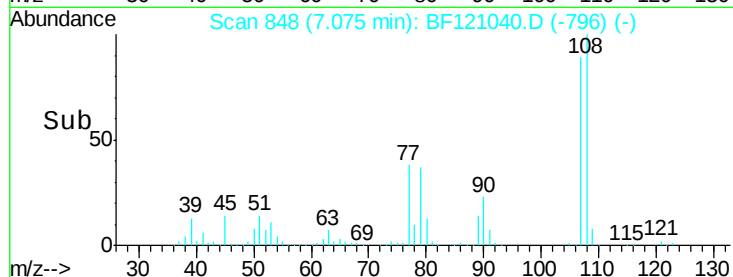
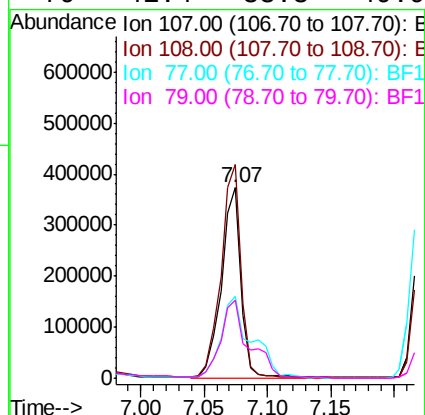
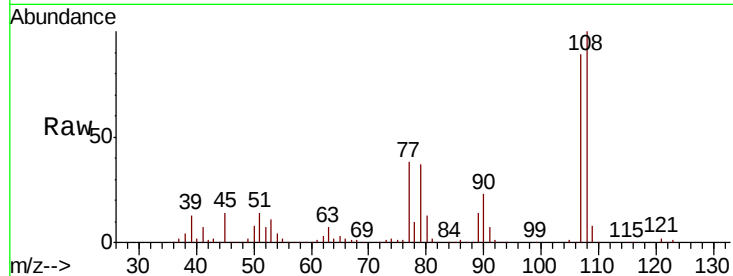
#17
2-Methylphenol
Concen: 40.235 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	92.0	138.0	
77	42.9	34.0	51.0	
79	41.4	33.3	49.9	

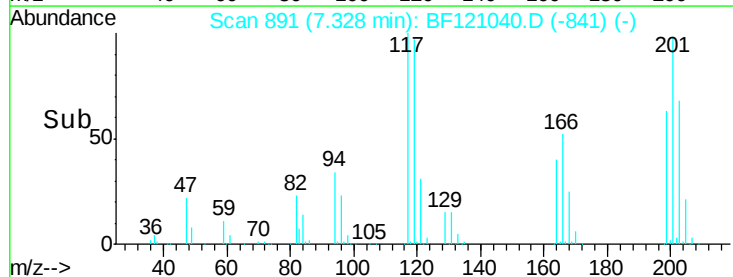
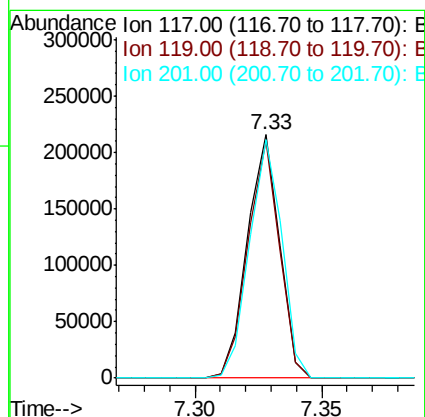
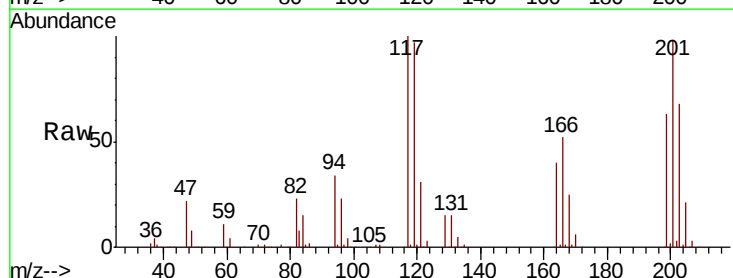
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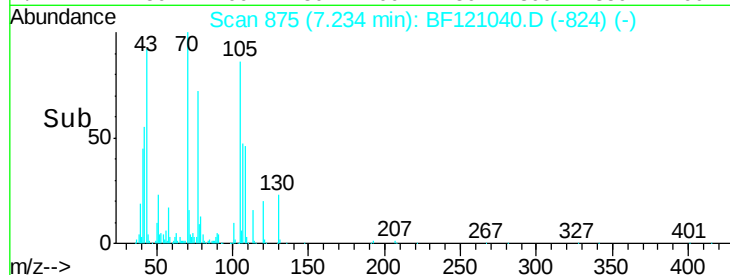
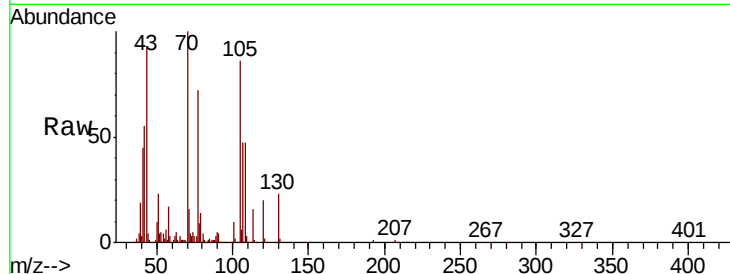
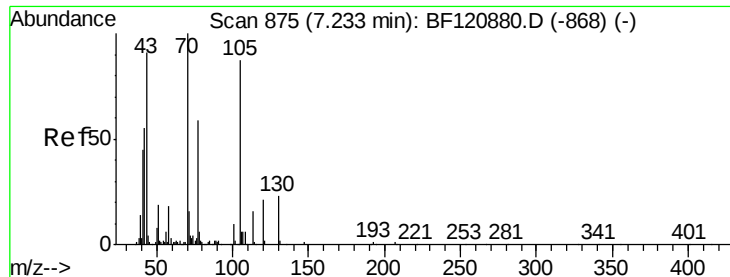
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#18
Hexachloroethane
Concen: 43.296 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.0	114.0	
201	98.2	81.7	122.5	





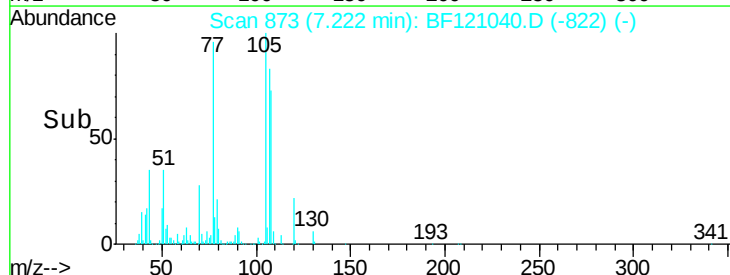
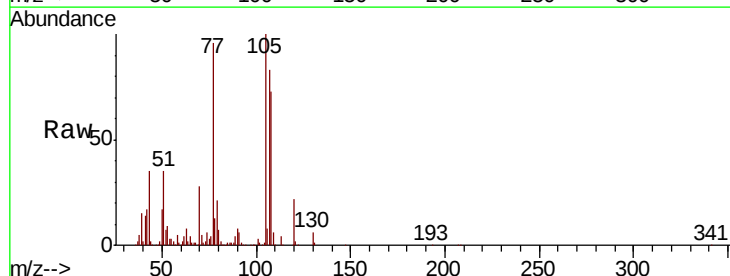
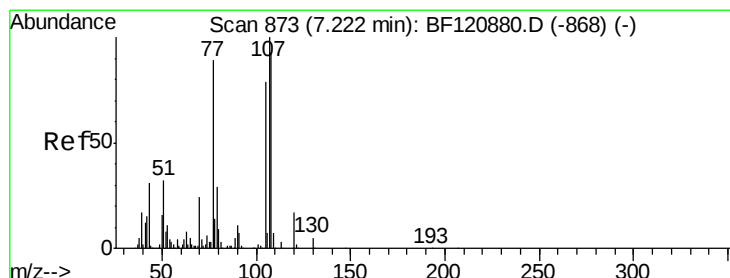
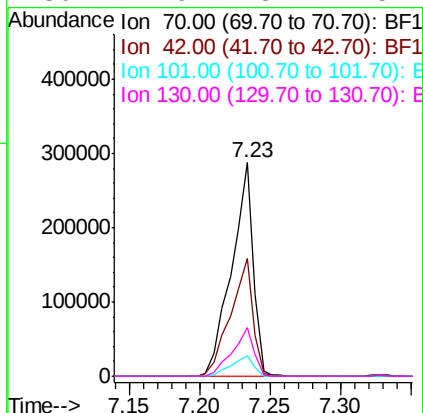
#19
n-Nitroso-di-n-propylamine
Concen: 40.839 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	44.0	66.0	
101	9.8	7.8	11.6	
130	22.9	18.7	28.1	

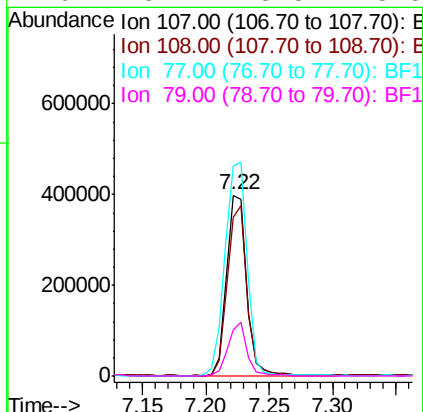
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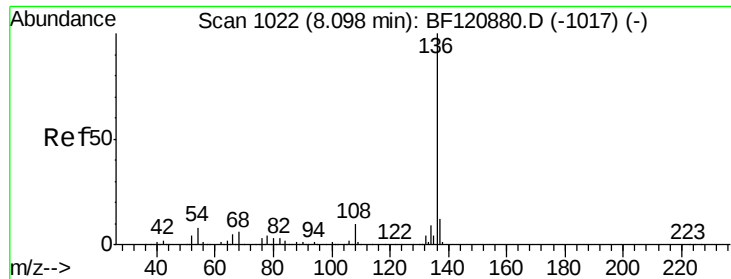
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#20
3+4-Methylphenols
Concen: 34.092 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	72.8	112.8	
77	116.2	68.7	108.7#	
79	25.4	8.5	48.5	





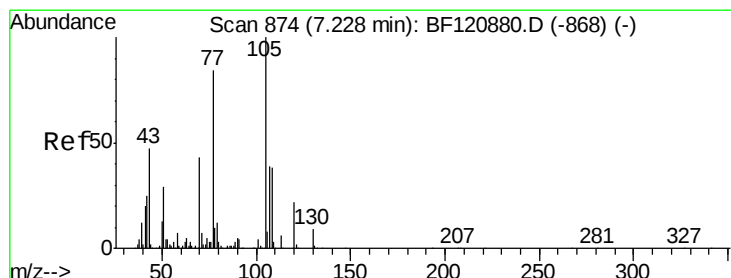
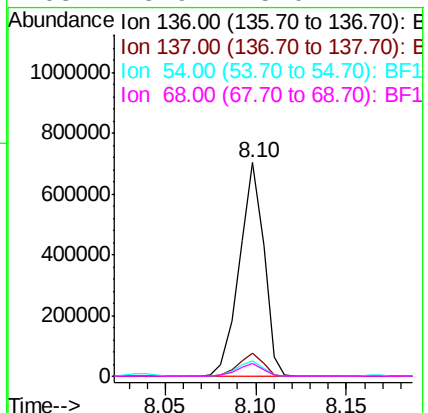
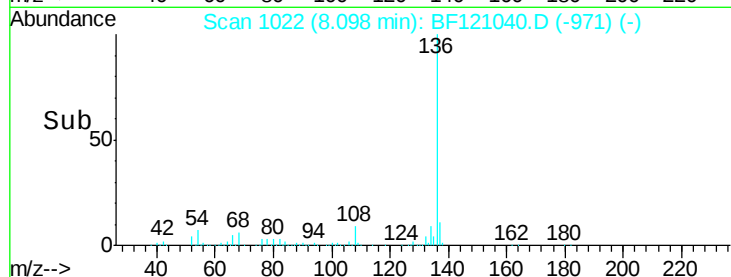
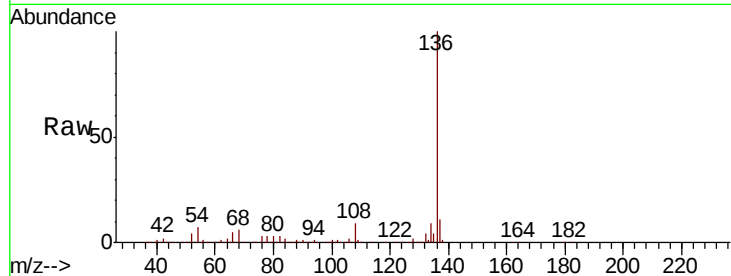
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	662335		
137	11.1	9.3	13.9	
54	7.1	6.3	9.5	
68	5.9	5.0	7.4	

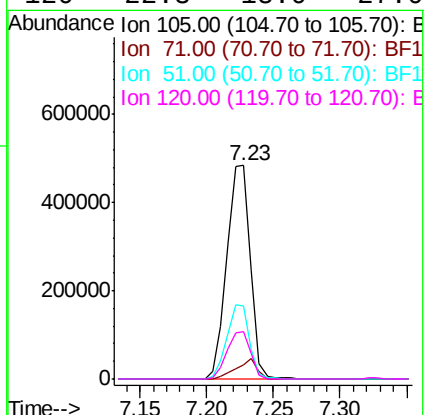
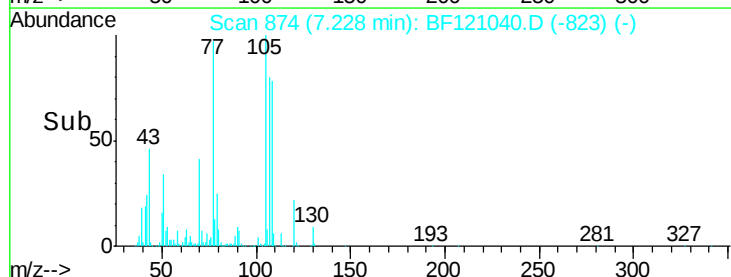
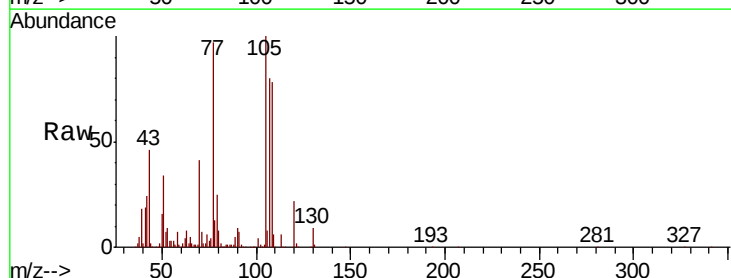
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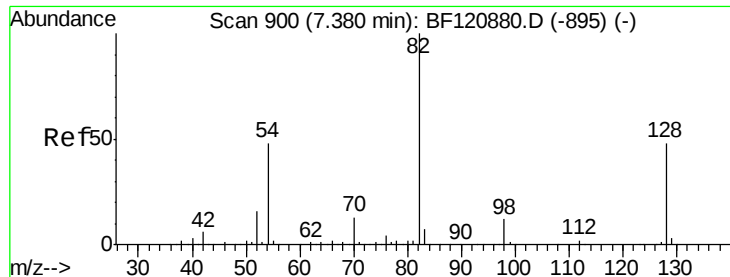
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#22
Acetophenone
Concen: 40.780 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	606191		
71	6.8	5.7	8.5	
51	34.1	22.9	34.3	
120	22.3	18.0	27.0	





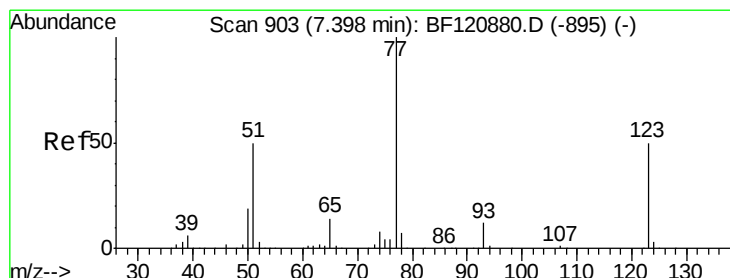
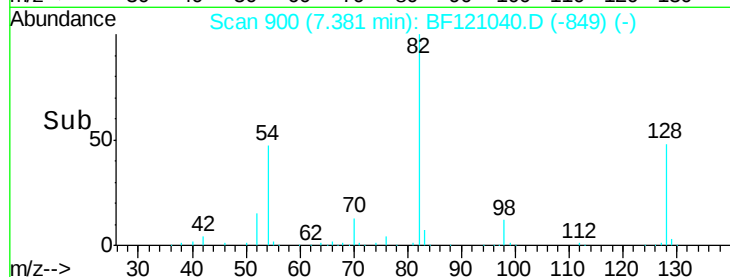
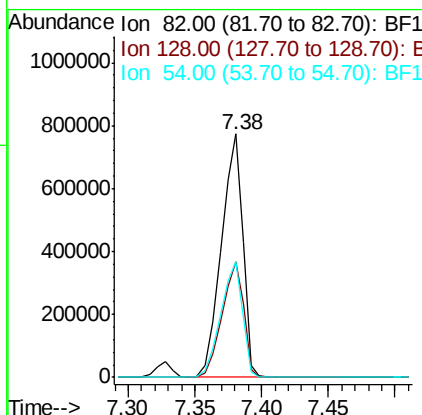
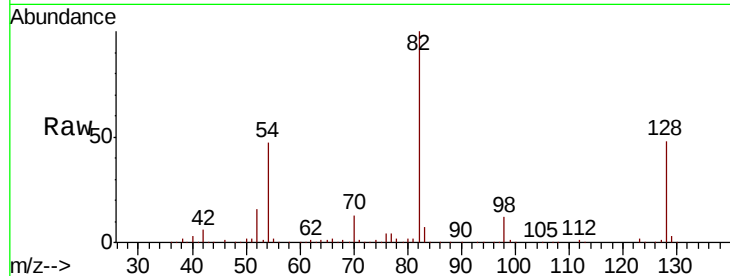
#23
Nitrobenzene-d5
Concen: 77.018 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleID :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	881596		
128	47.6		38.2	57.4
54	47.4		38.7	58.1

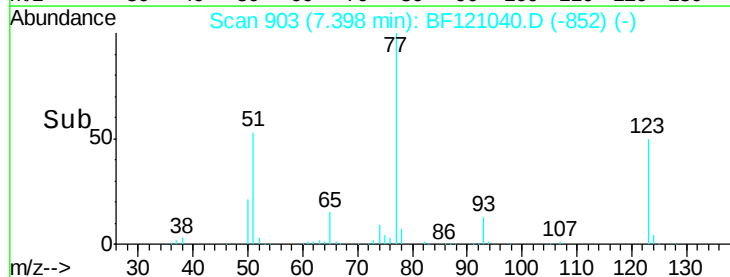
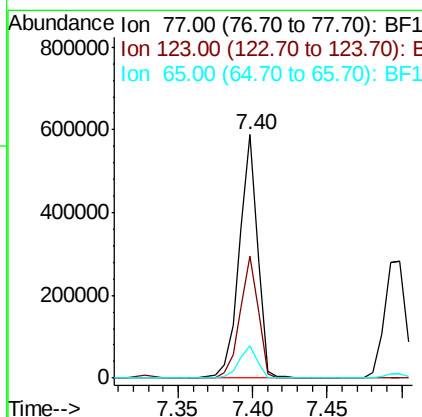
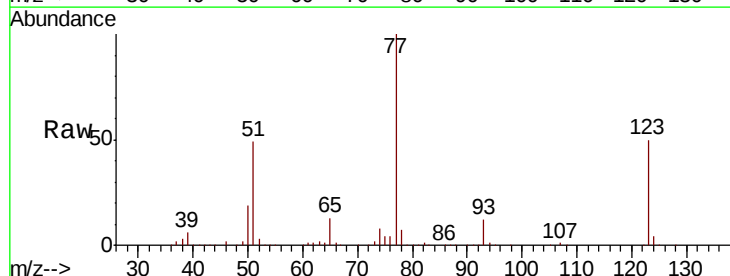
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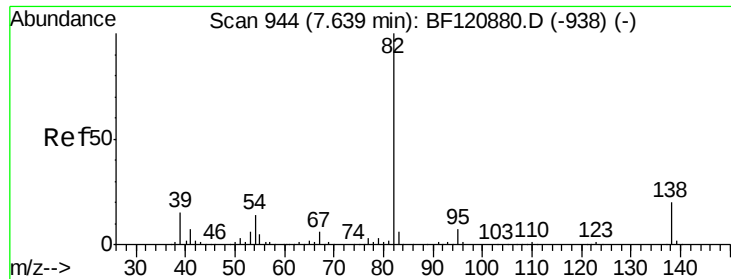
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#24
Nitrobenzene
Concen: 40.502 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	499676		
123	50.0		40.1	60.1
65	13.3		10.8	16.2





#25

Isophorone

Concen: 41.161 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

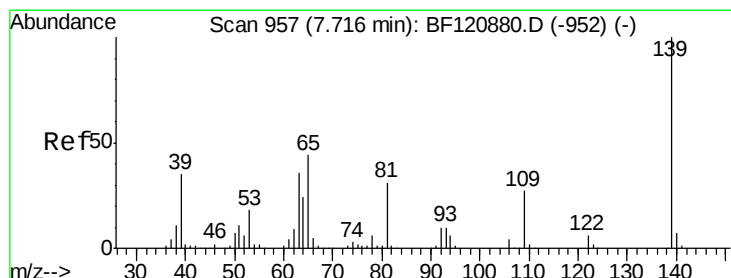
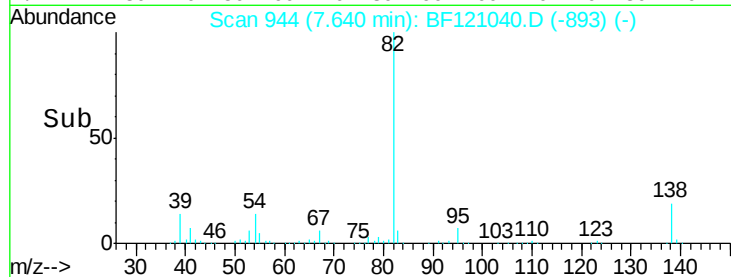
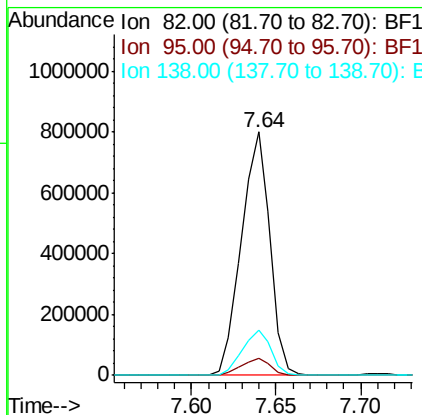
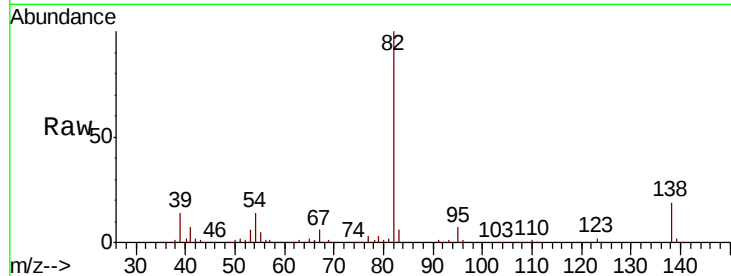
ClientSampleId :

CTR-020MS

Tot Ion:	82	Resp:	940310
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.8	15.6	23.4

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#26

2-Nitrophenol

Concen: 45.933 ng

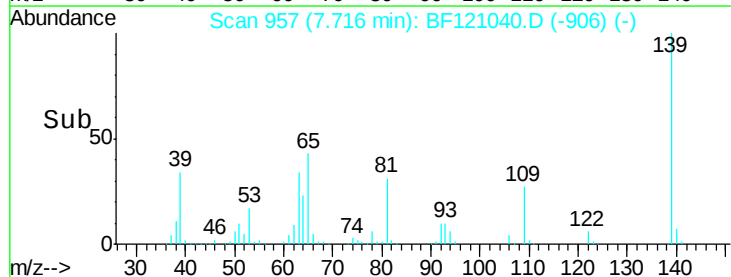
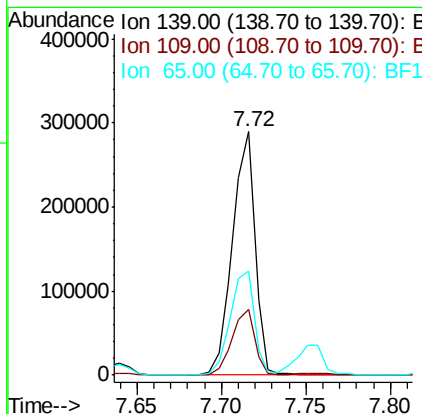
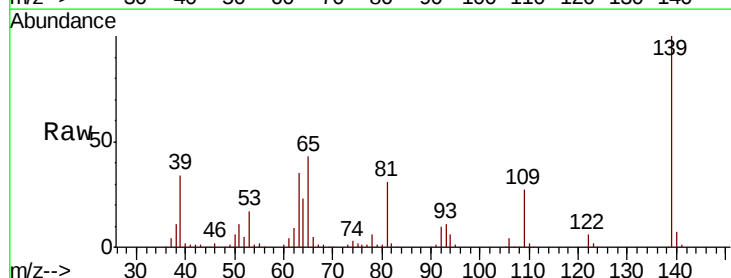
RT: 7.72 min Scan# 957

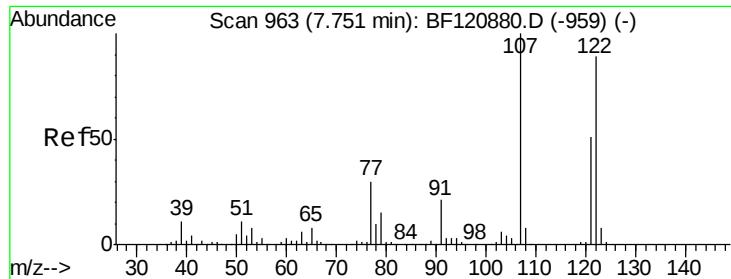
Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Tgt Ion:	139	Resp:	269136
Ion Ratio	Lower	Upper	
139	100		
109	27.0	21.6	32.4
65	43.0	35.3	52.9





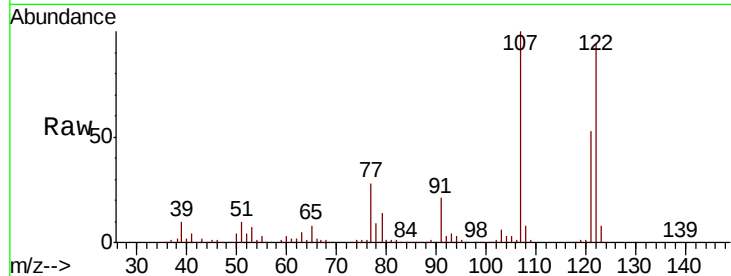
#27
 2,4-Dimethylphenol
 Concen: 45.801 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.2	89.4	134.0
121	55.8	46.0	69.0

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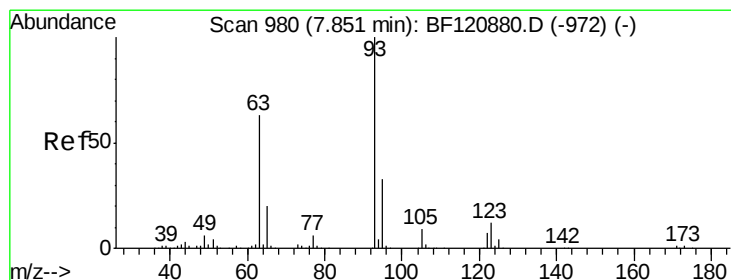
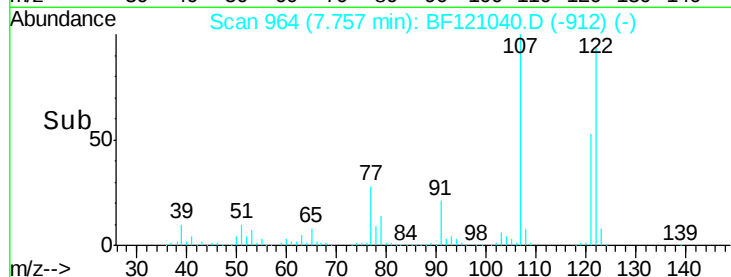
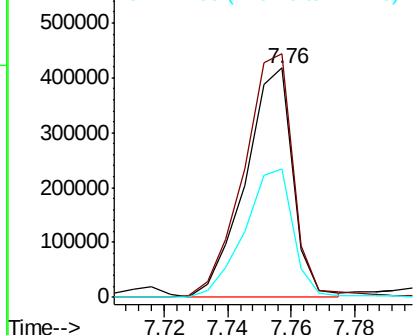


Abundance

Ion 122.00 (121.70 to 122.70): E

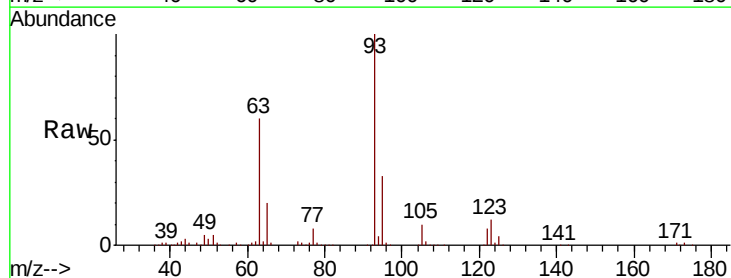
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.448 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	12.5	10.0	15.0

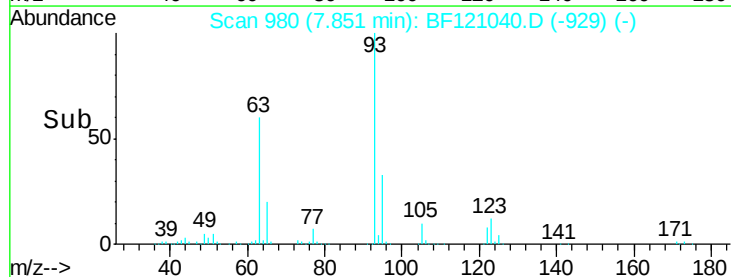
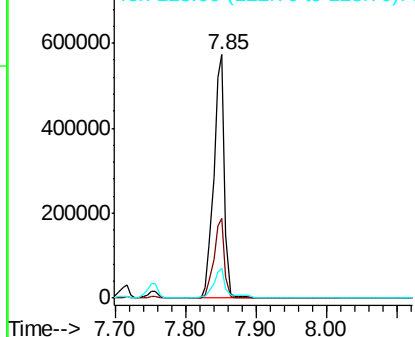


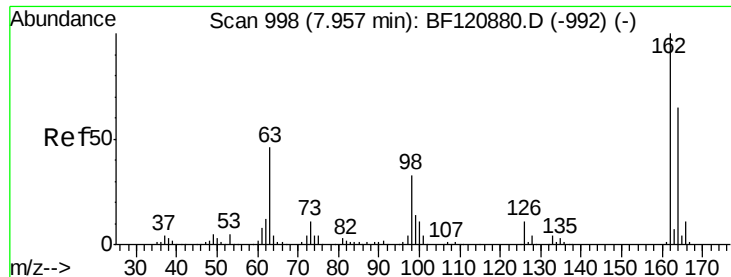
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





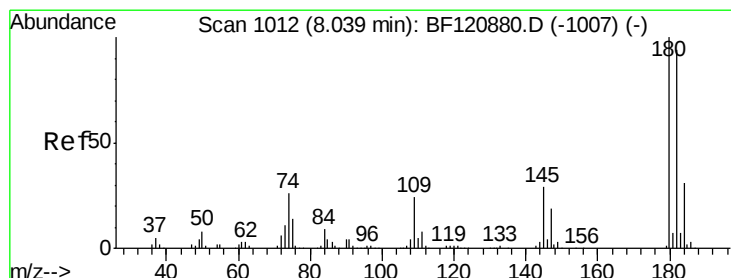
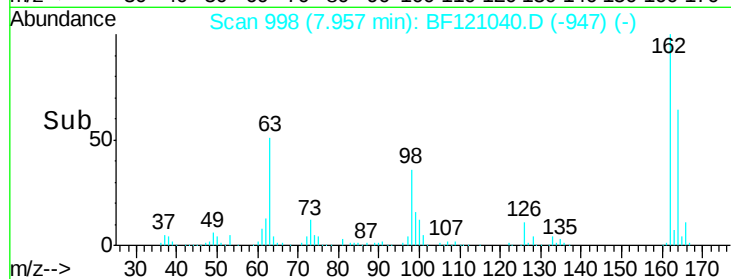
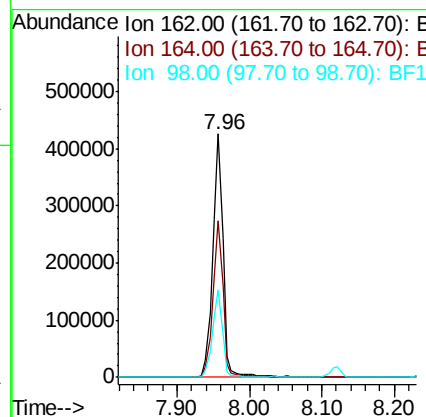
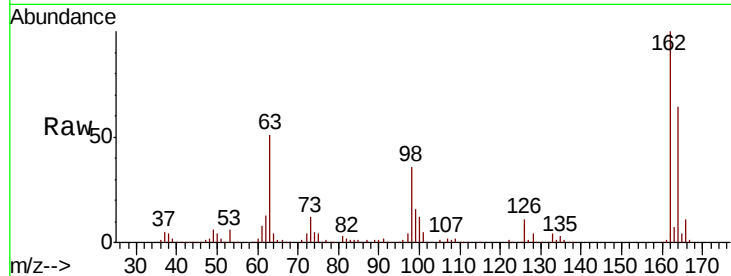
#29
2,4-Dichlorophenol
Concen: 43.349 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	421400		
164	64.2	45.3	85.3	
98	35.7	13.3	53.3	

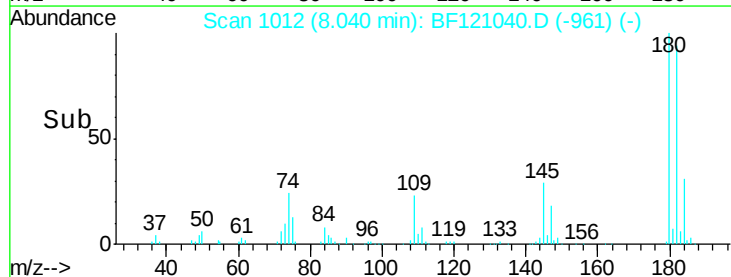
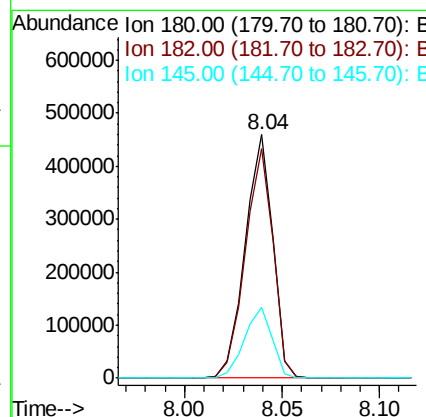
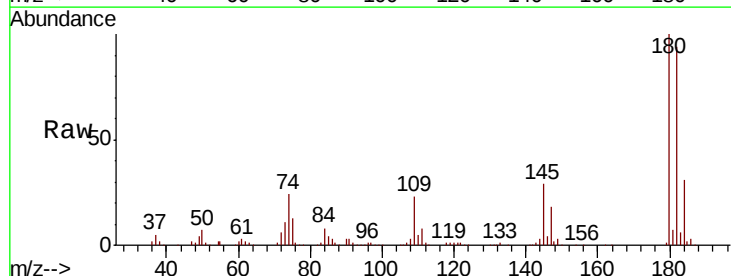
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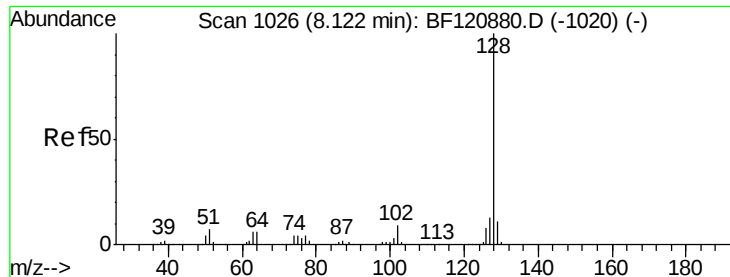
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.634 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	449037		
182	94.2	75.0	112.6	
145	29.3	23.5	35.3	





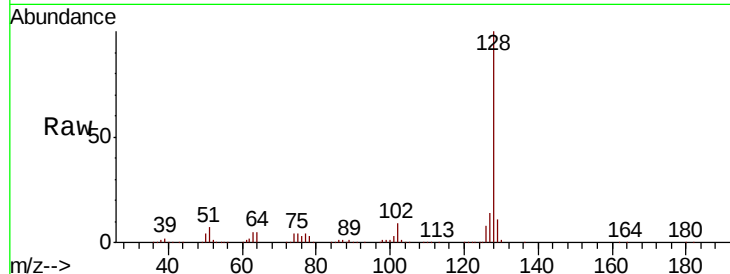
#31
Naphthalene
Concen: 40.209 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.5	10.7	16.1

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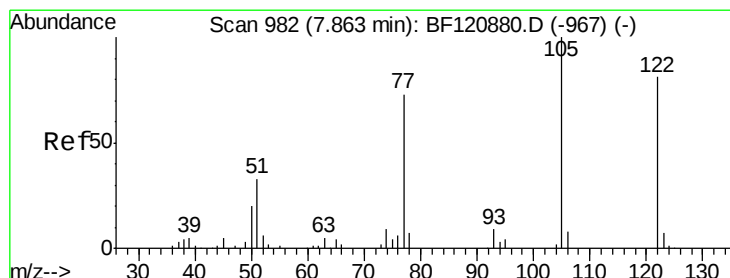
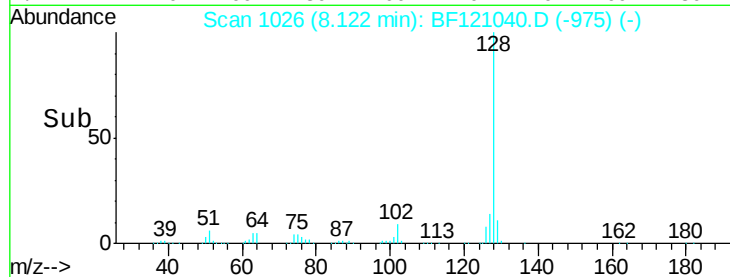
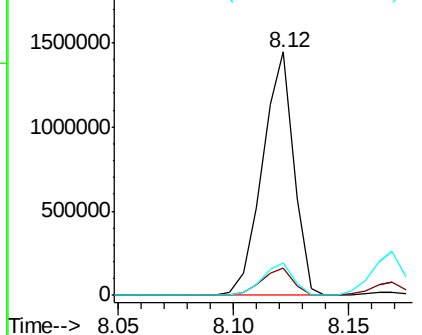


Abundance

Ion 128.00 (127.70 to 128.70): E

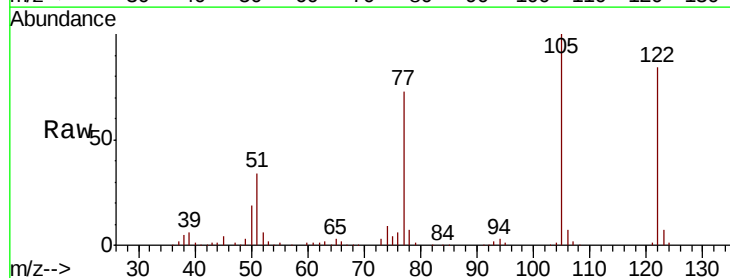
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.260 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.3	141.3
77	87.0	69.1	109.1

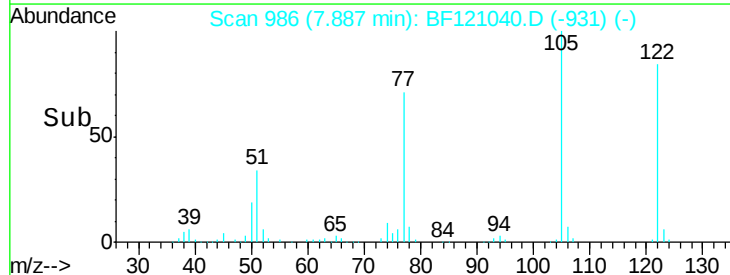
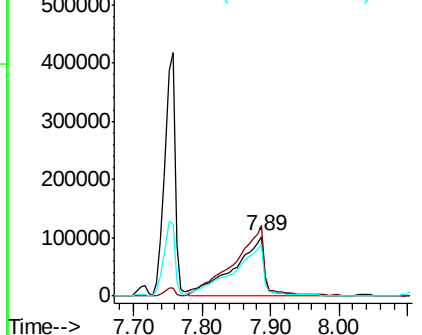


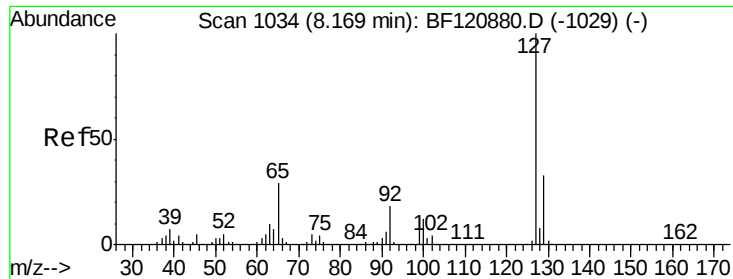
Abundance

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





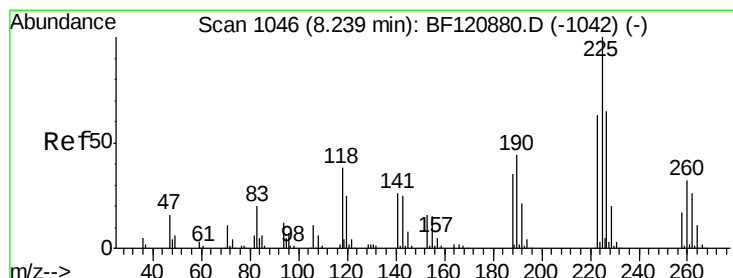
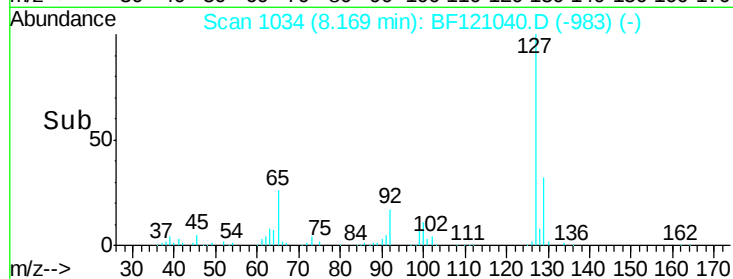
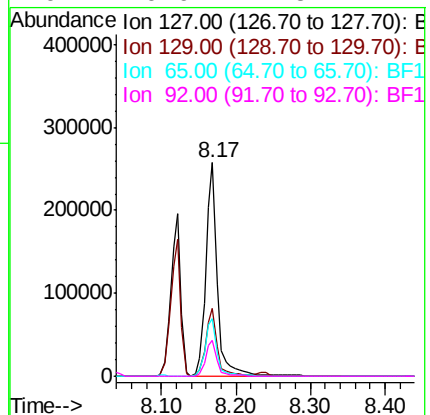
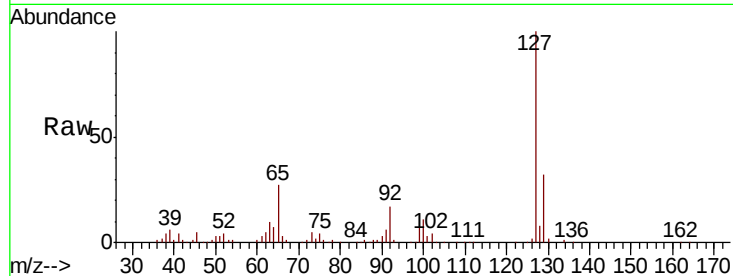
#33
4-Chloroaniline
Concen: 18.339 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.5	39.7		
65	26.7	23.0	34.4		
92	16.9	14.5	21.7		

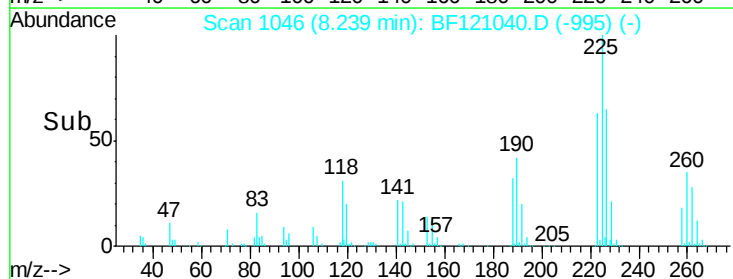
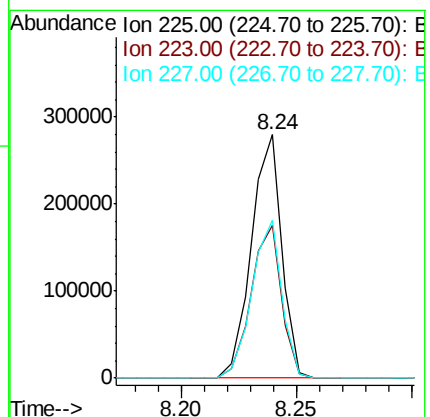
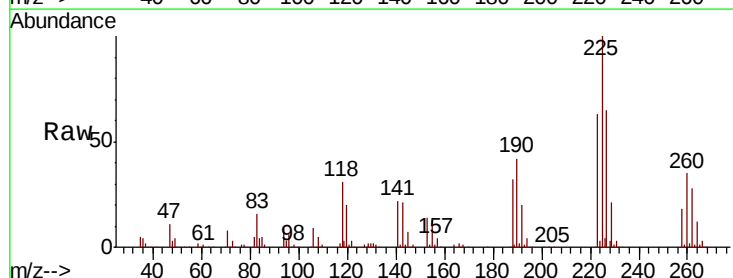
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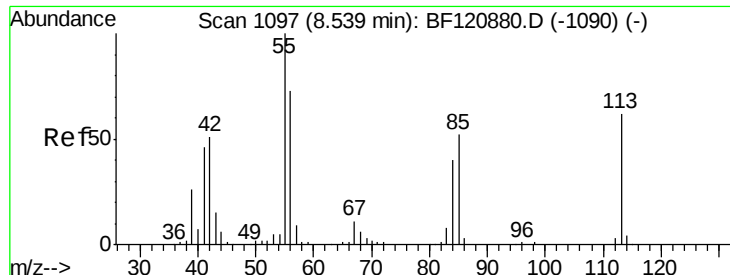
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#34
Hexachlorobutadiene
Concen: 40.570 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.6	76.0		
227	64.6	52.2	78.2		





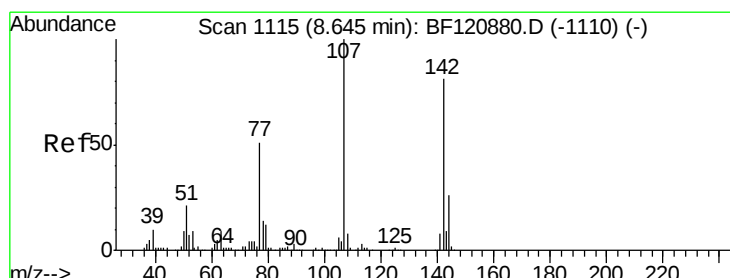
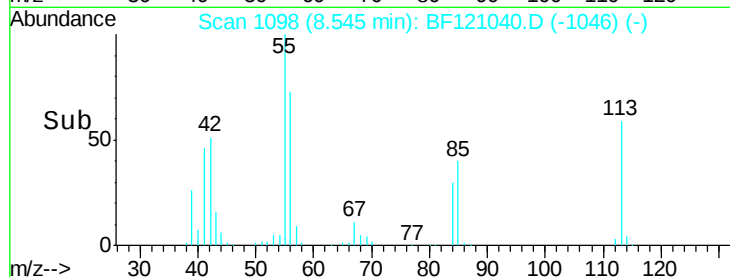
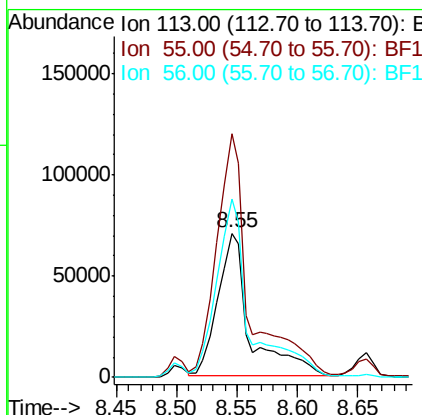
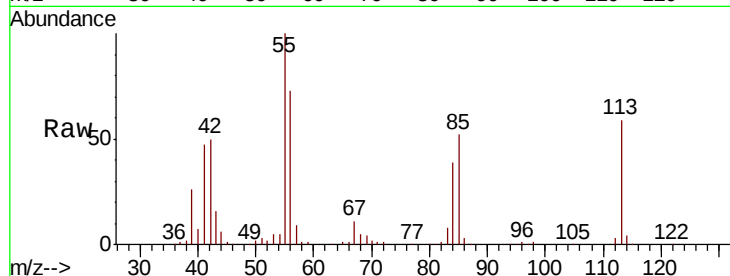
#35
Caprolactam
Concen: 41.755 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.7	143.3	183.3
56	123.4	99.4	139.4

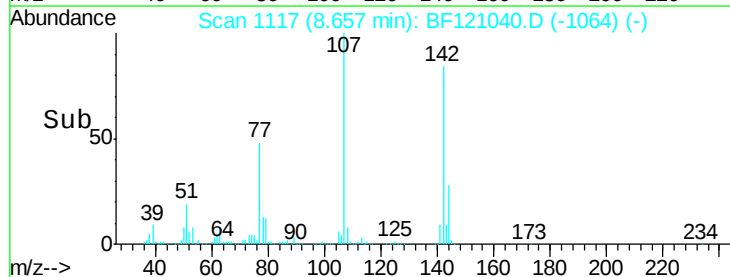
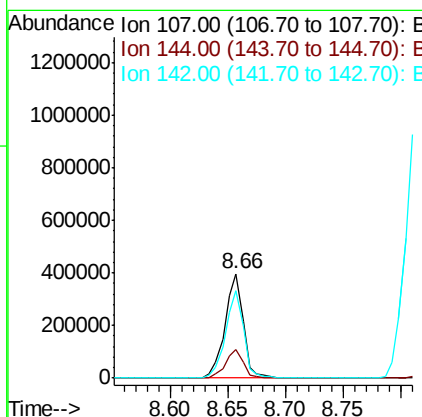
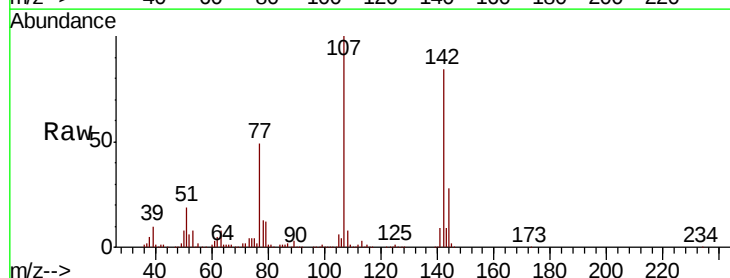
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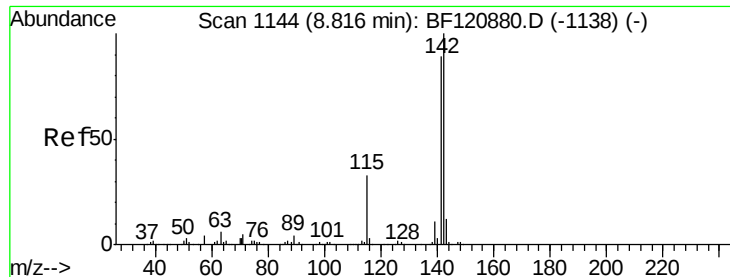
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#36
4-Chloro-3-methylphenol
Concen: 44.039 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.0	31.6
142	84.2	65.0	97.6





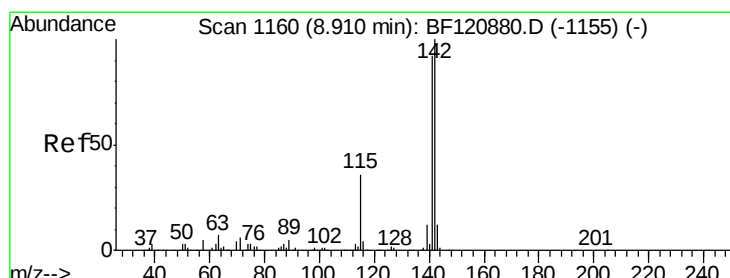
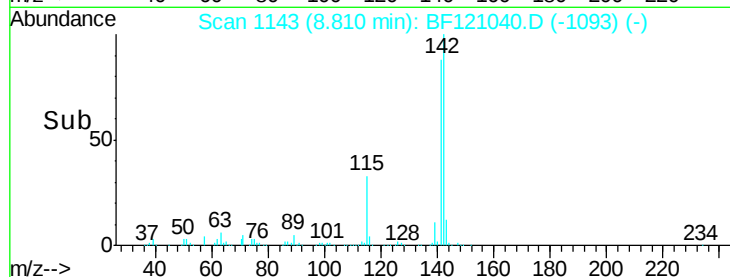
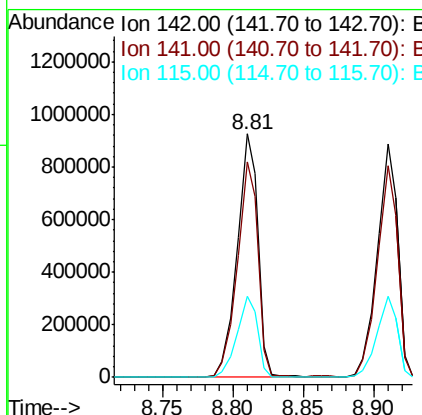
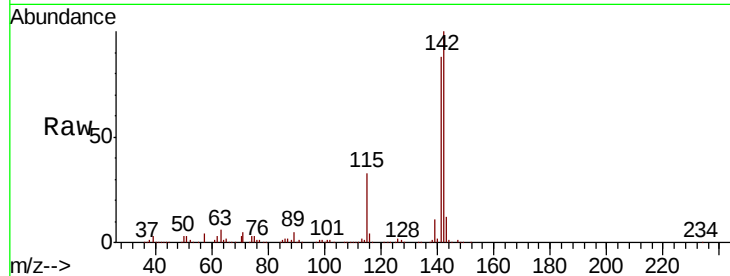
#37
2-Methylnaphthalene
Concen: 42.865 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	33.5	26.0	39.0

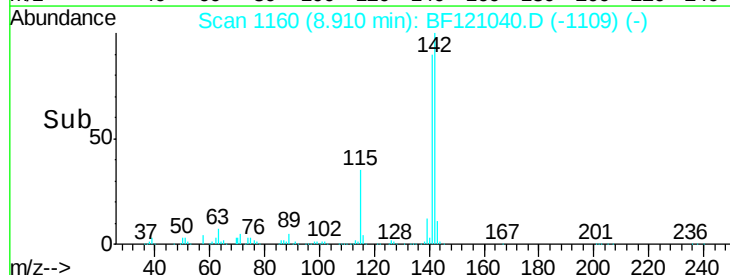
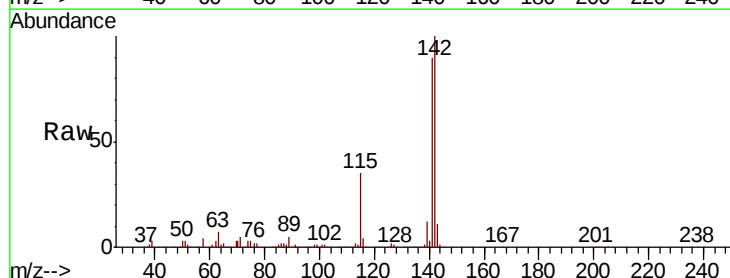
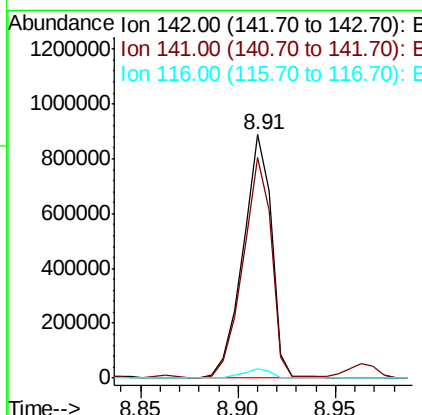
Manual Integrations
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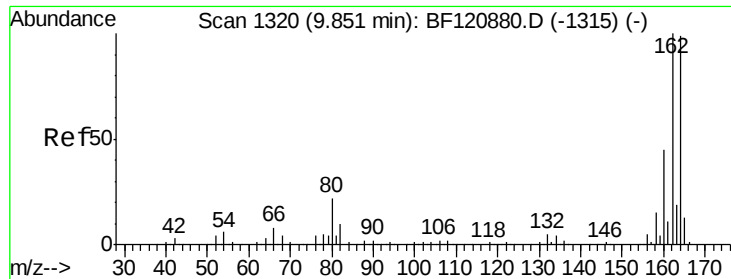
mohammad
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#38
1-Methylnaphthalene
Concen: 42.813 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.7	3.0	4.6





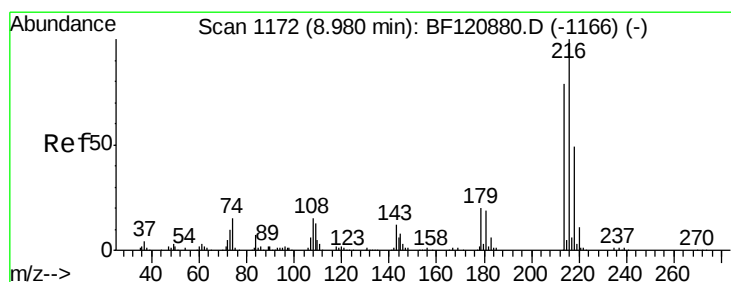
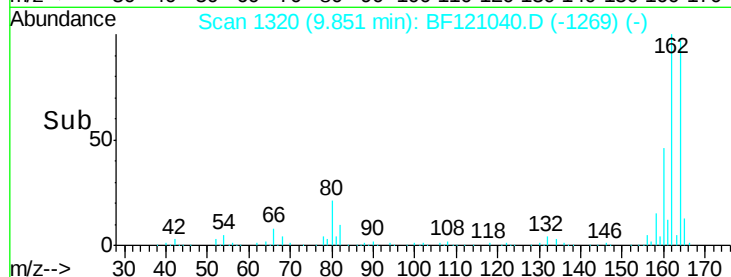
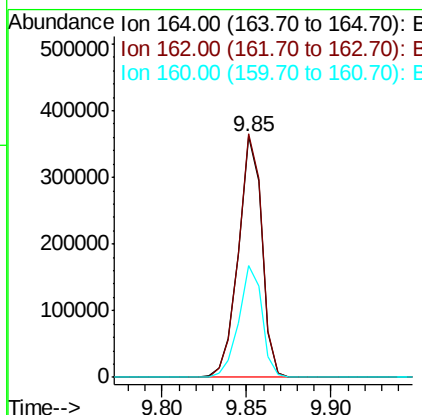
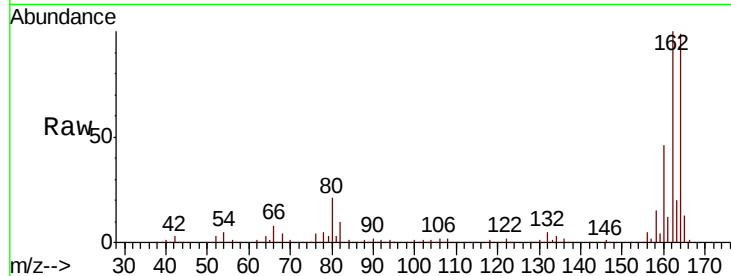
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	46.2	36.9	55.3	

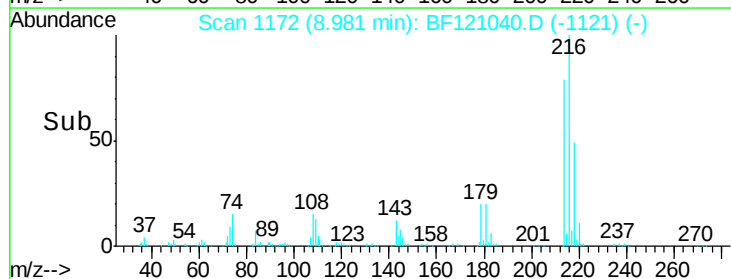
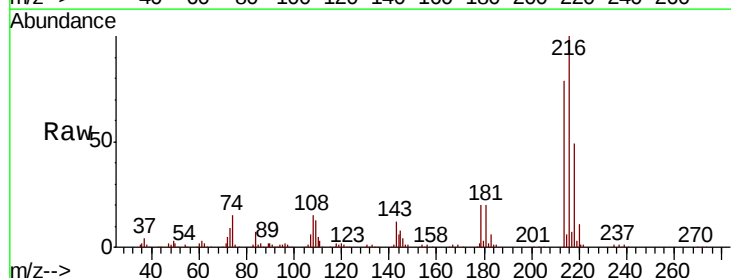
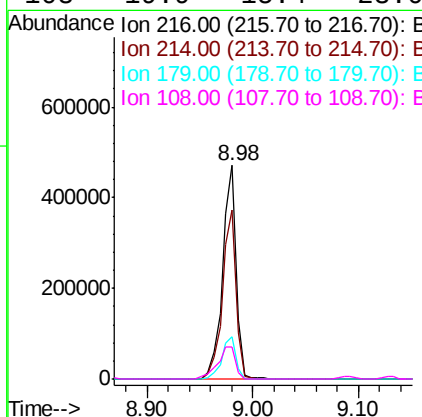
Manual Integrations
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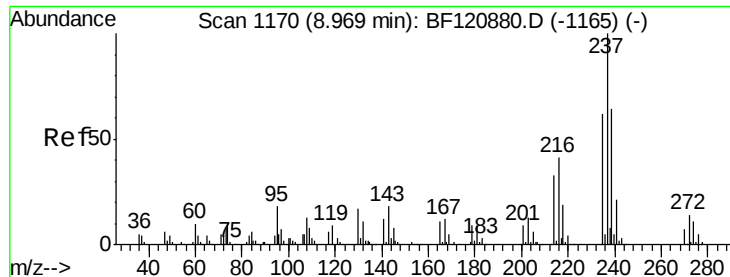
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.710 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.8	95.8	
179	20.6	16.6	24.8	
108	19.9	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 74.353 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

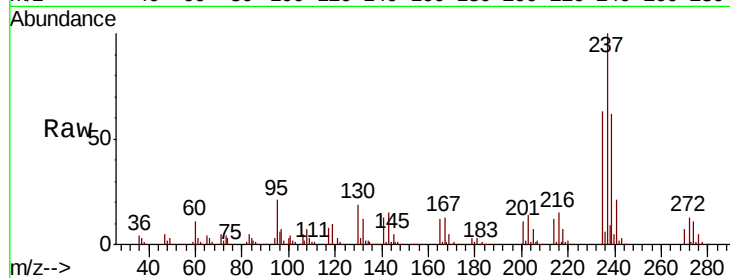
ClientSampleId :

CTR-020MS

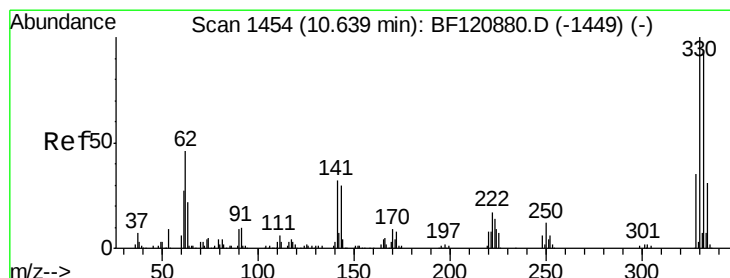
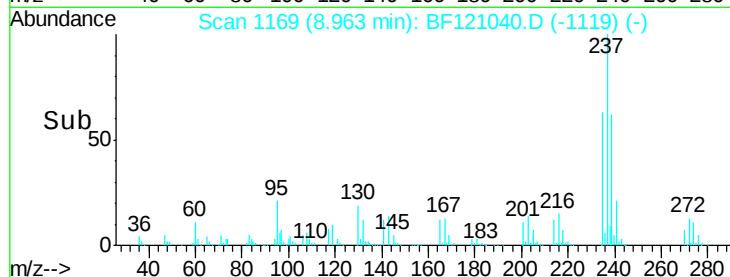
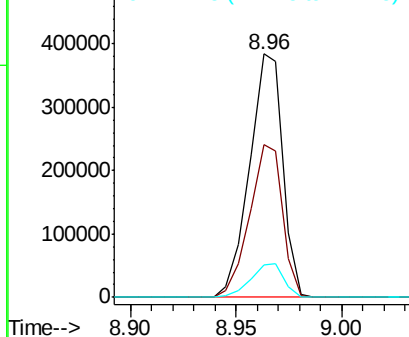
Tot Ion:	237	Resp:	419540
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.6	81.6
272	13.4	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 114.026 ng

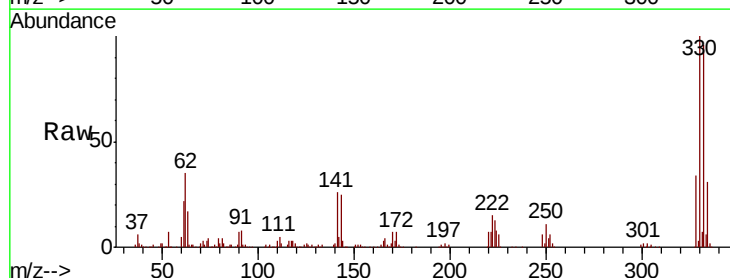
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

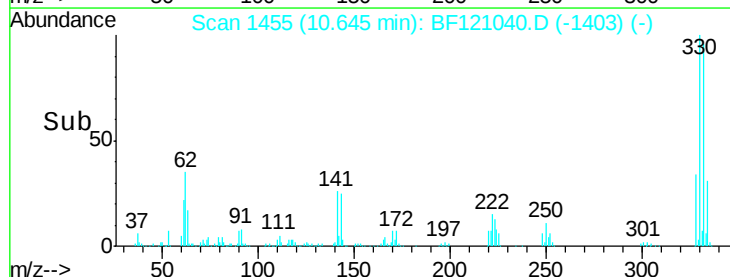
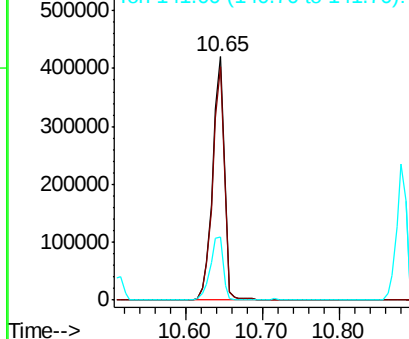
Lab File: BF121040.D

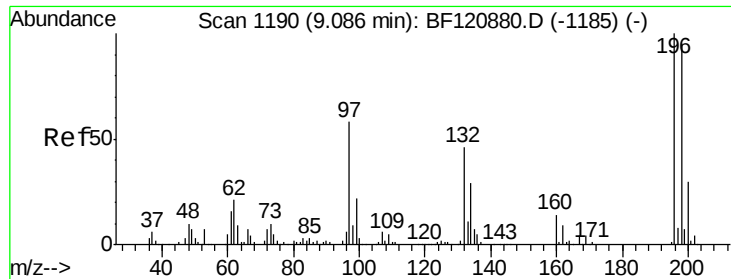
Acq: 27 Jul 2020 19:18

Tgt Ion:	330	Resp:	437355
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.5	113.3
141	28.9	25.7	38.5



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





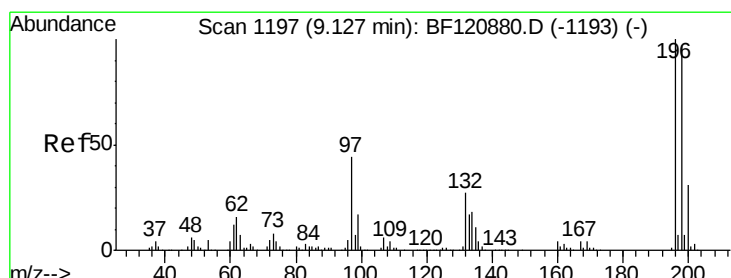
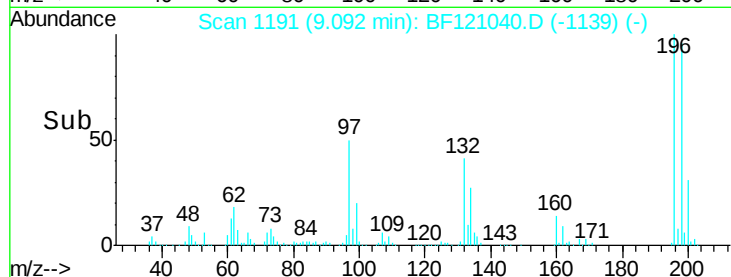
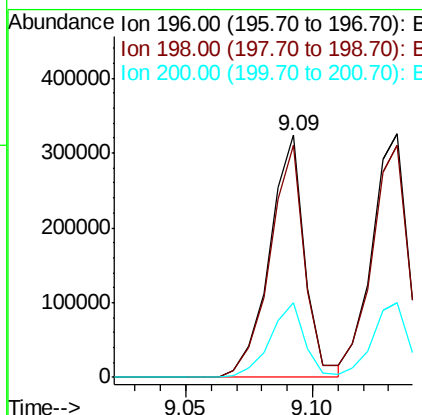
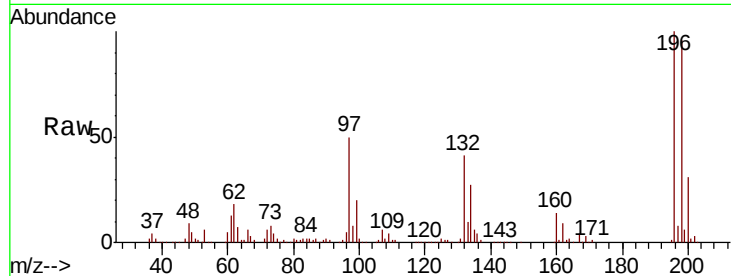
#43
 2,4,6-Trichlorophenol
 Concen: 43.744 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	314449		
198	95.8	75.7	113.5	
200	30.9	24.4	36.6	

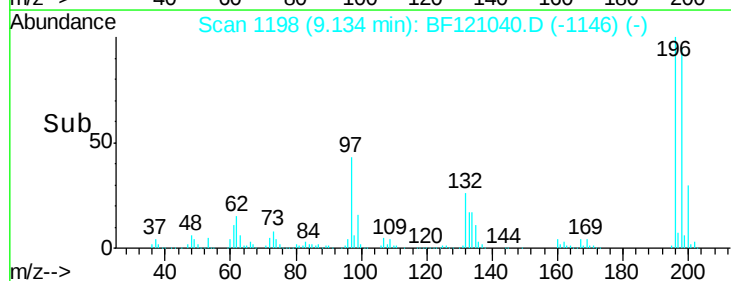
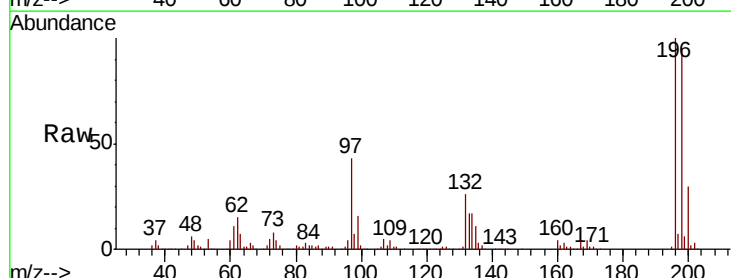
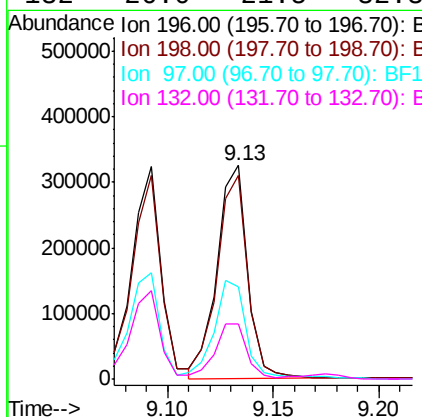
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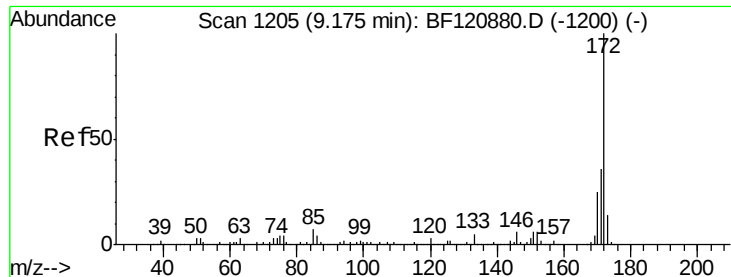
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.941 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325673		
198	95.3	77.6	116.4	
97	42.9	35.6	53.4	
132	26.0	21.5	32.3	





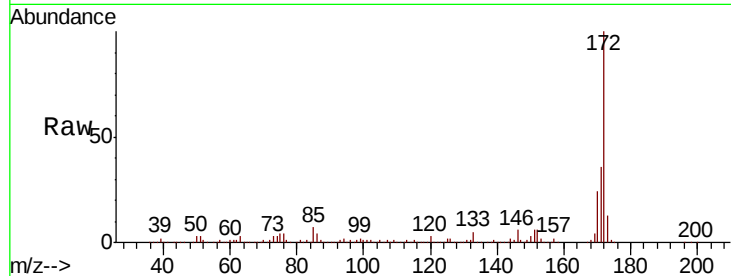
#45
2-Fluorobiphenyl
Concen: 69.419 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.6	29.4

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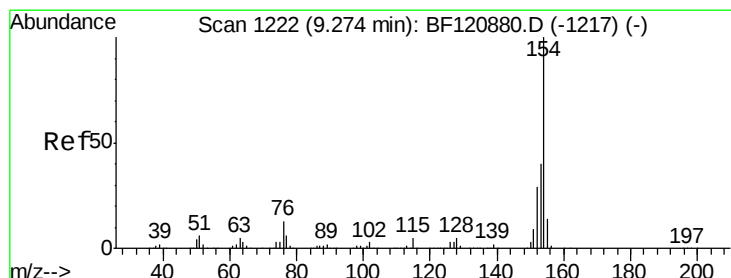
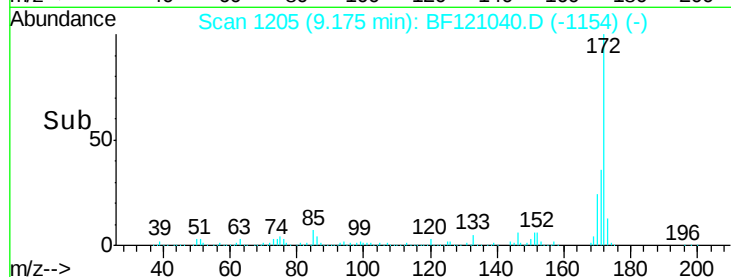
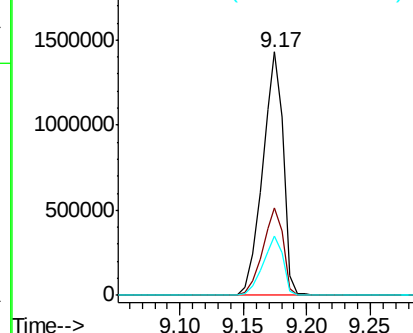


Abundance

Ion 172.00 (171.70 to 172.70): E

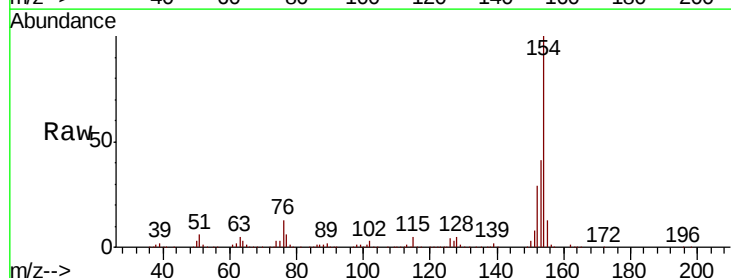
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.328 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	12.9	0.0	33.1

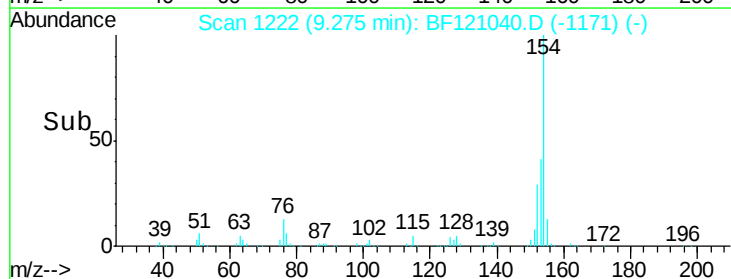
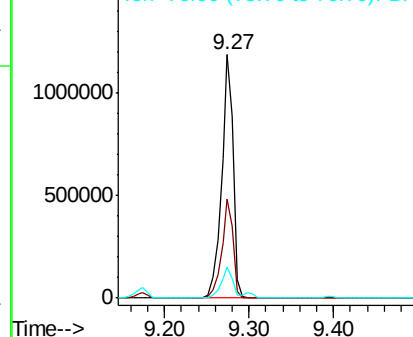


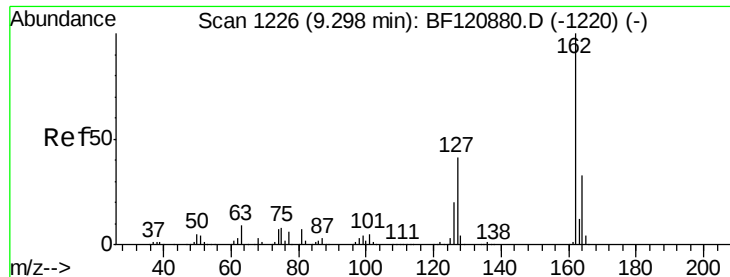
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





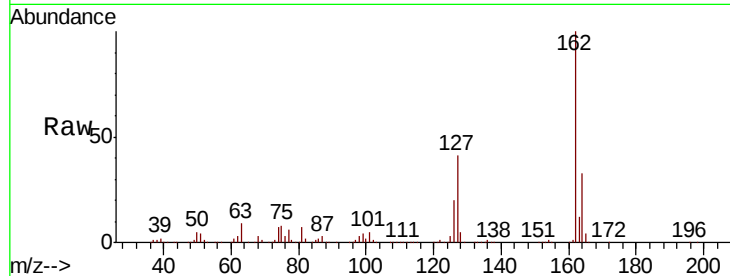
#47
2-Chloronaphthalene
Concen: 40.707 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

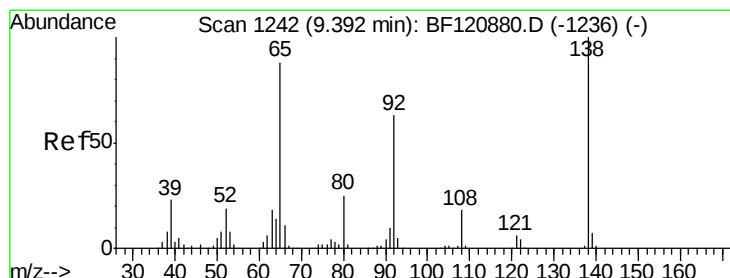
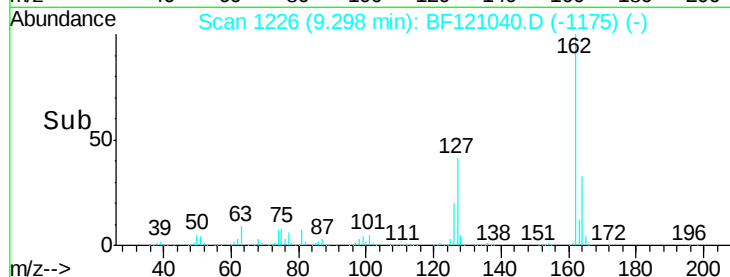
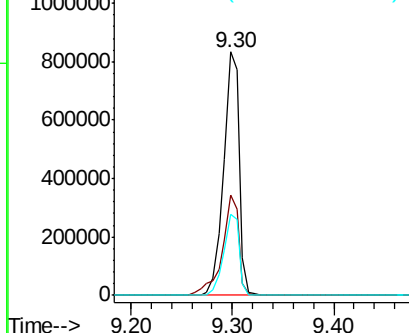
Tot Ion	Ratio	Resp	Lower	Upper
162	100	887105		
127	41.0		33.3	49.9
164	33.1		26.6	39.8

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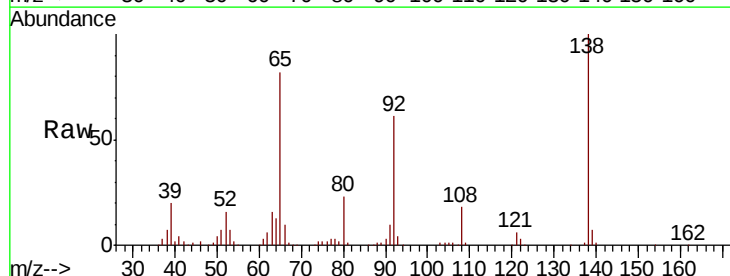


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

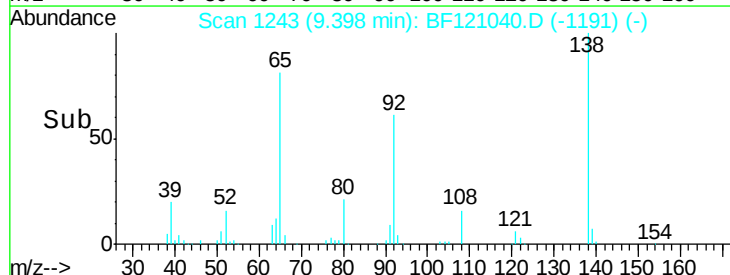
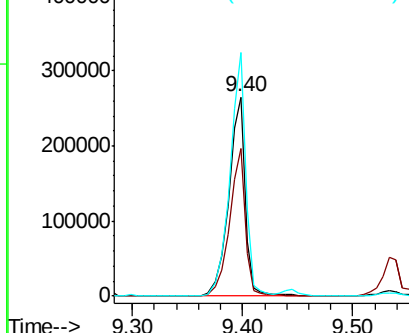


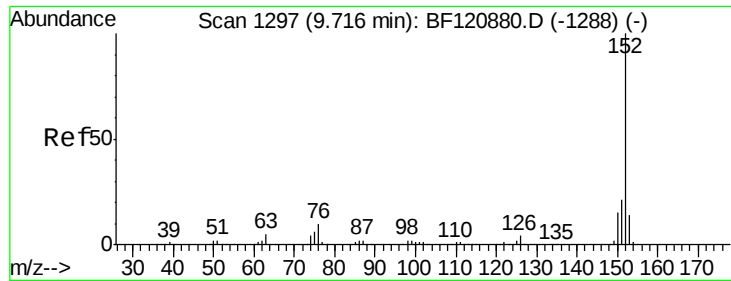
#48
2-Nitroaniline
Concen: 42.283 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	278469		
92	74.3		57.0	85.4
138	122.4		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: 42.131 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

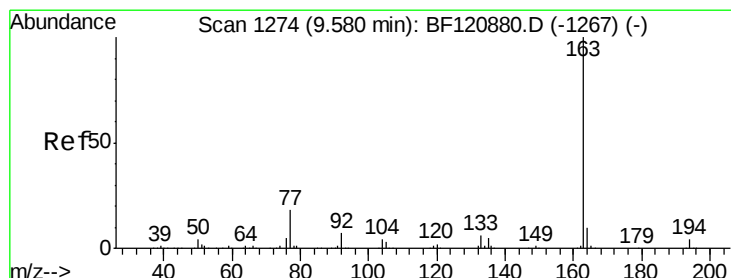
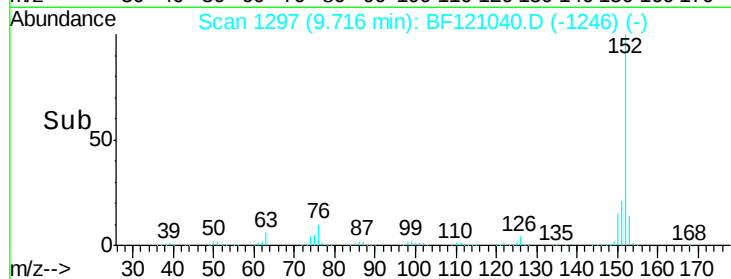
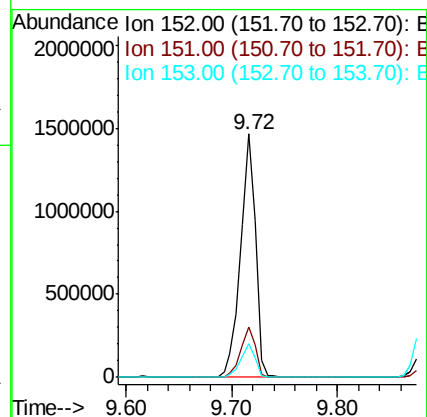
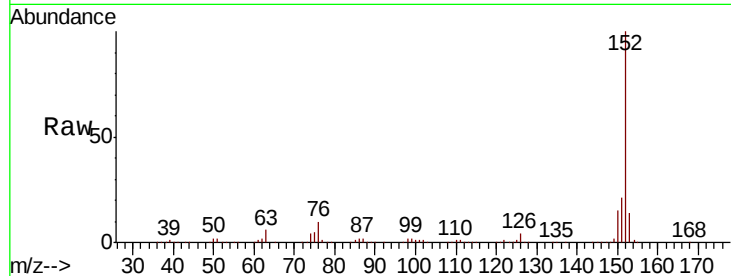
ClientSampleId :

CTR-020MS

Tot Ion:	152	Resp:	1426352
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.9	10.9	16.3

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#50

Dimethylphthalate

Concen: 50.938 ng

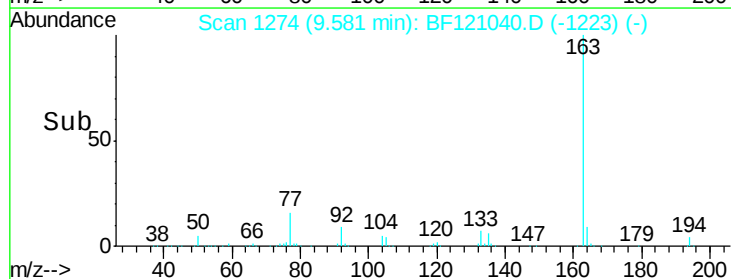
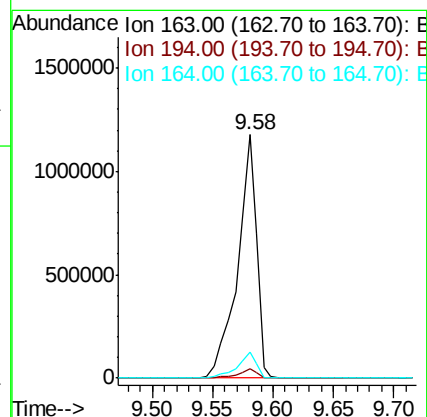
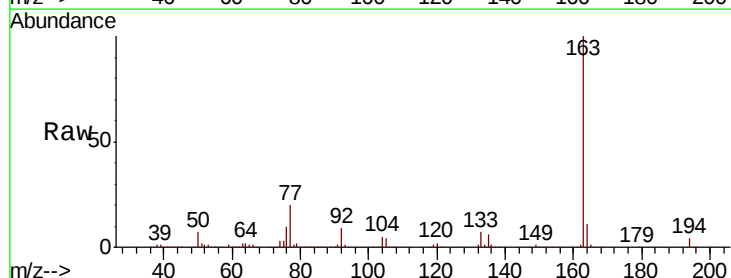
RT: 9.58 min Scan# 1274

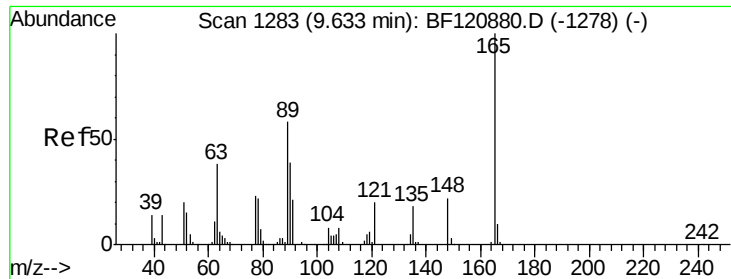
Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Tgt Ion:	163	Resp:	1287698
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.9	11.9





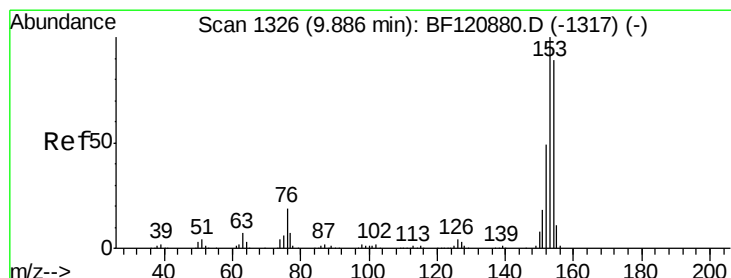
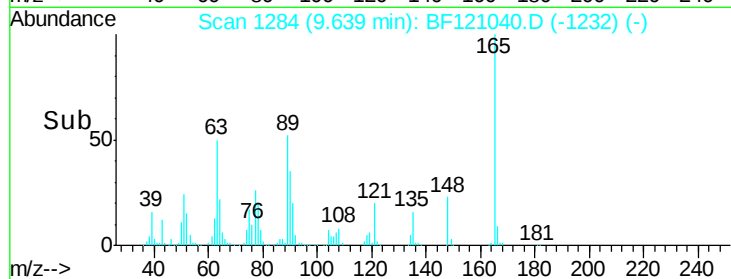
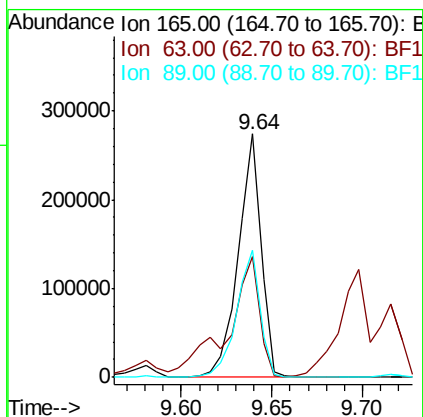
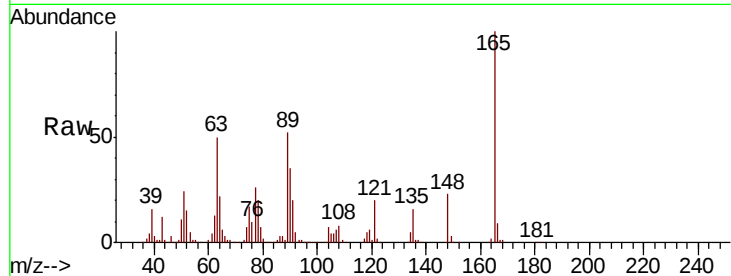
#51
2,6-Dinitrotoluene
Concen: 44.377 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	241015		
63	49.7		45.4	68.2
89	52.1		47.0	70.4

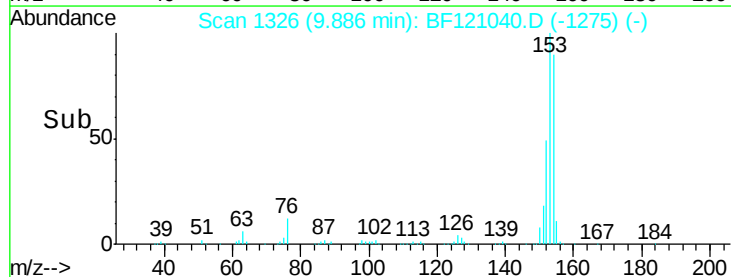
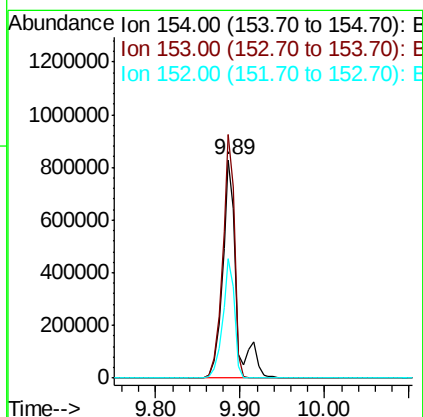
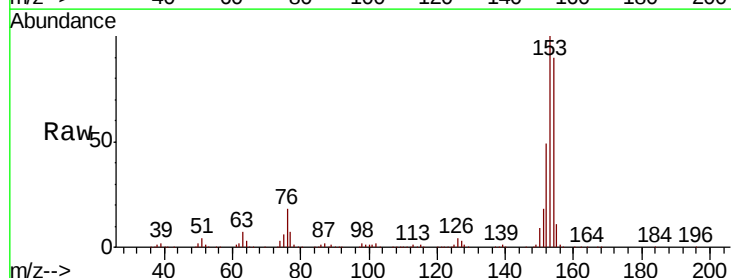
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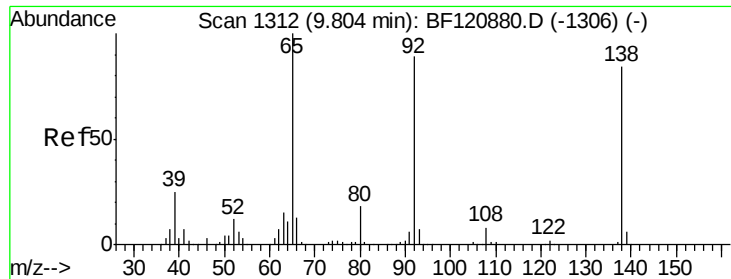
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#52
Acenaphthene
Concen: 44.836 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	965053		
153	111.4		89.5	134.3
152	54.4		44.2	66.2





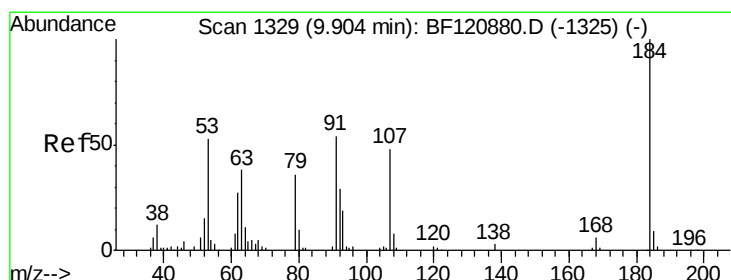
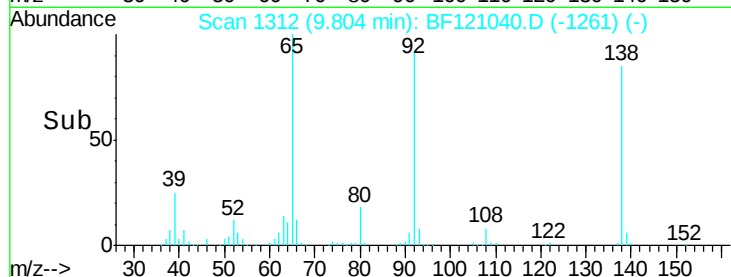
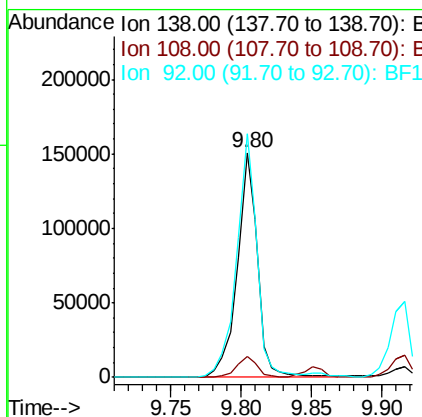
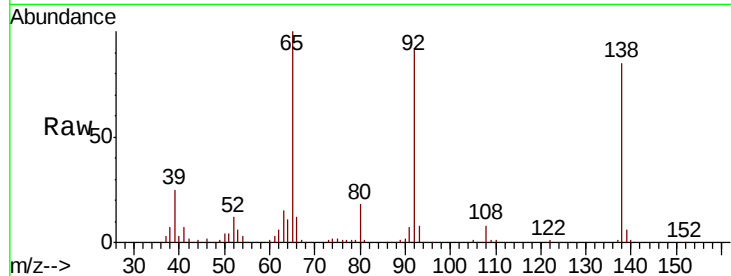
#53
3-Nitroaniline
Concen: 22.049 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	108.4	85.3	127.9

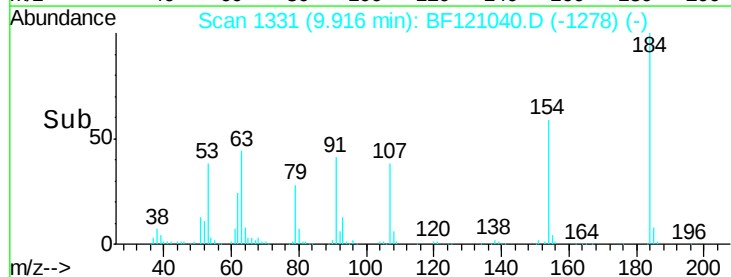
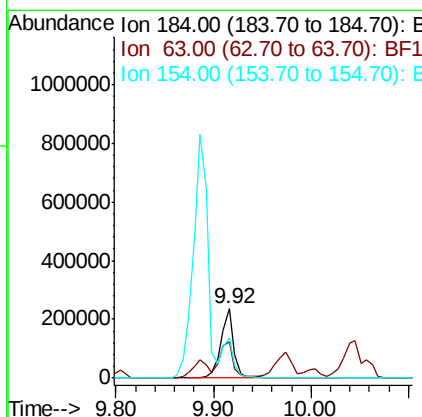
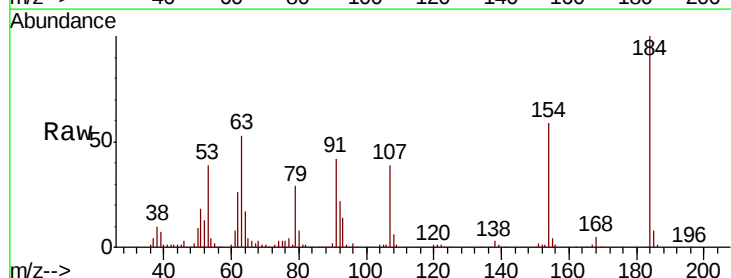
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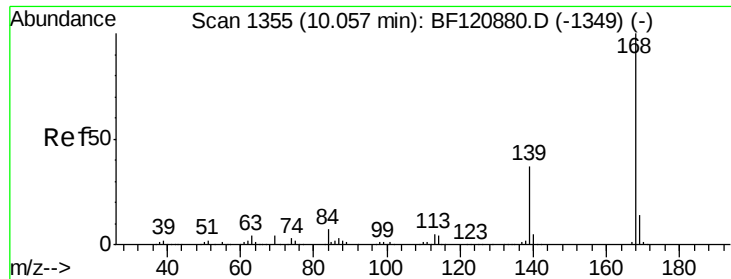
mohammad
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#54
2,4-Dinitrophenol
Concen: 71.136 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.5	57.9	86.9#
154	58.9	52.6	78.8





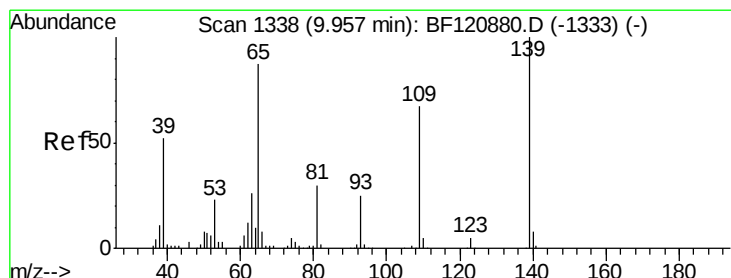
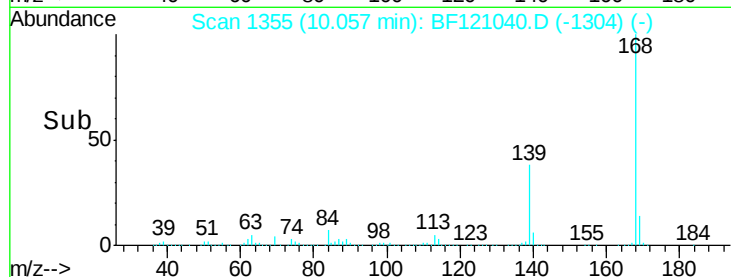
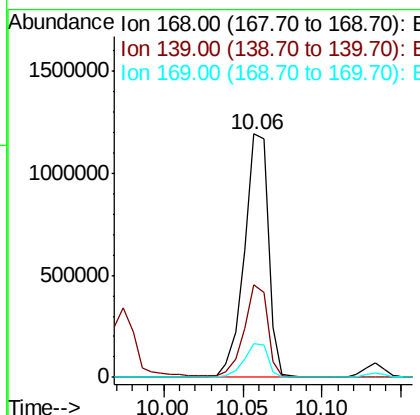
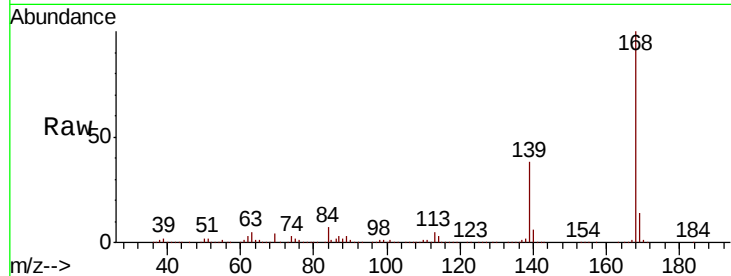
#55
Dibenzenofuran
Concen: 40.446 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.7	44.5
169	14.1	11.1	16.7

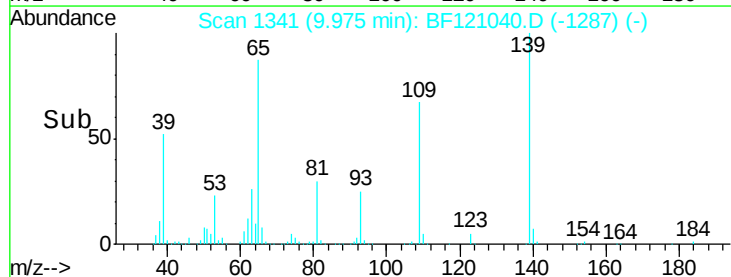
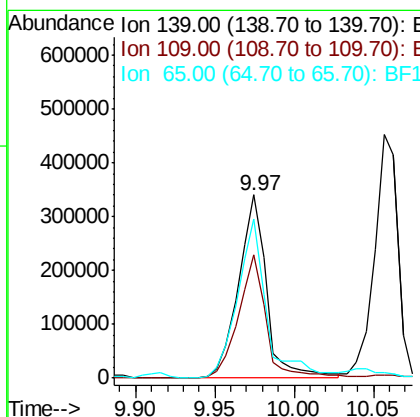
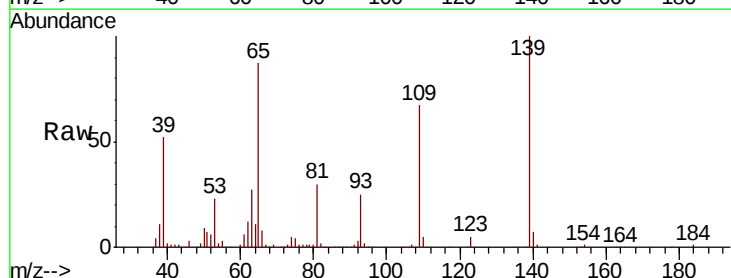
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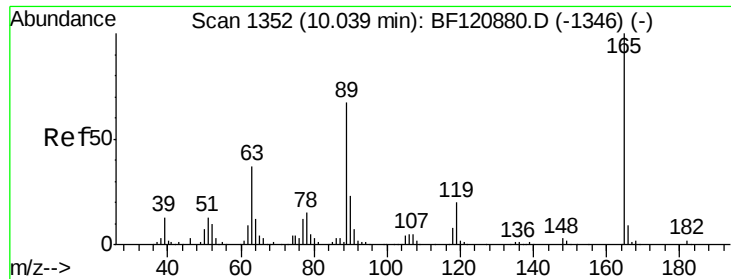
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#56
4-Nitrophenol
Concen: 80.525 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	47.3	87.3
65	87.1	67.2	107.2





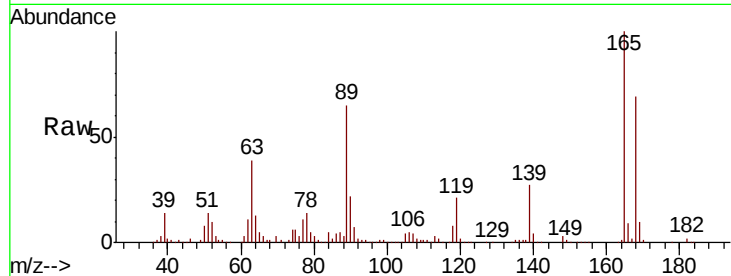
#57
2,4-Dinitrotoluene
Concen: 45.493 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

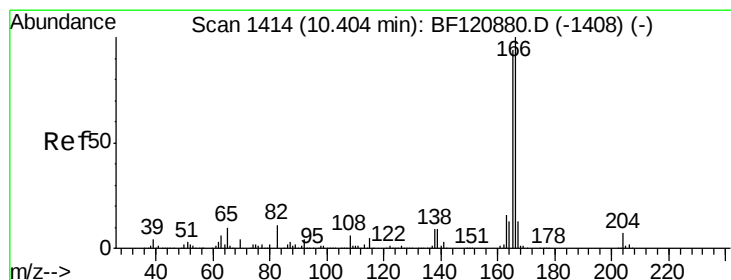
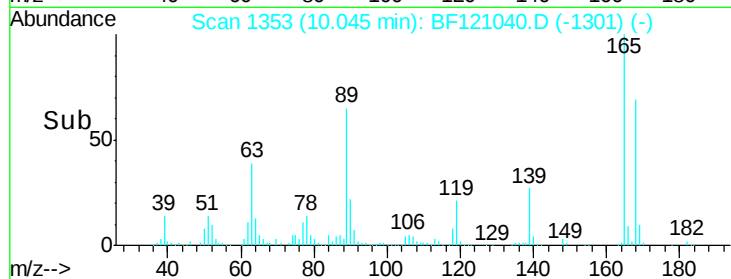
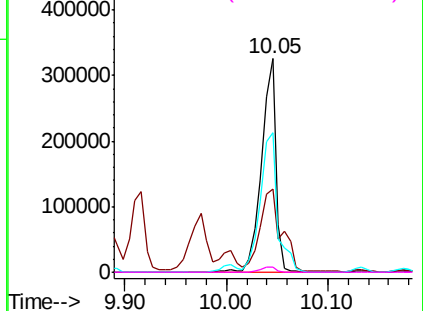
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	29.4	44.2
89	65.1	53.4	80.0
182	2.4	1.8	2.6

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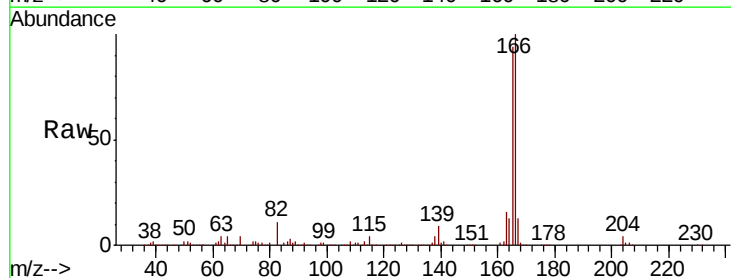


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

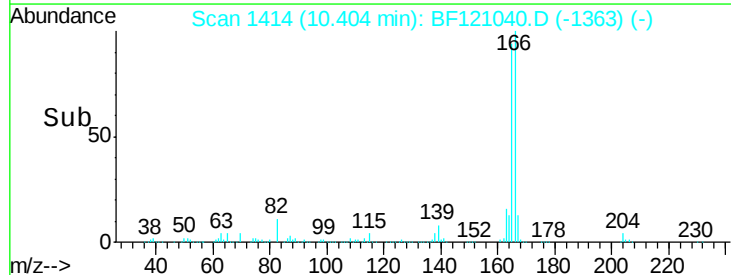
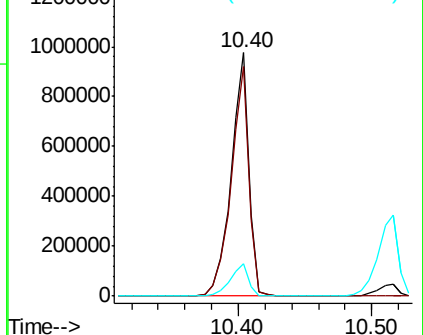


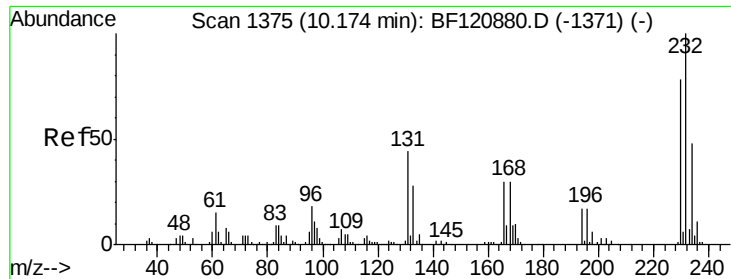
#58
Fluorene
Concen: 39.475 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.4	113.0
167	13.4	10.6	15.8



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





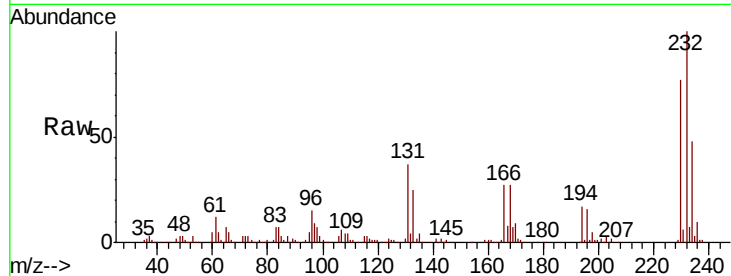
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.613 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

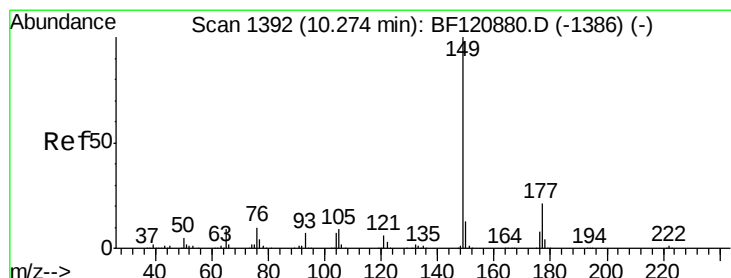
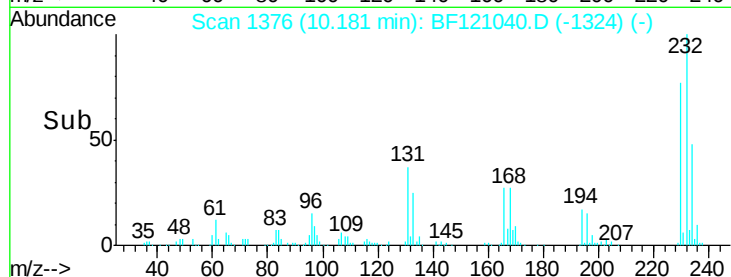
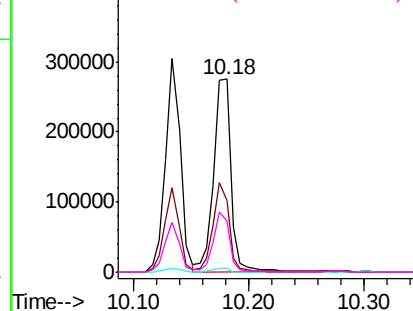
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	37.1	55.7
130	2.0	1.7	2.5
166	28.8	24.2	36.4

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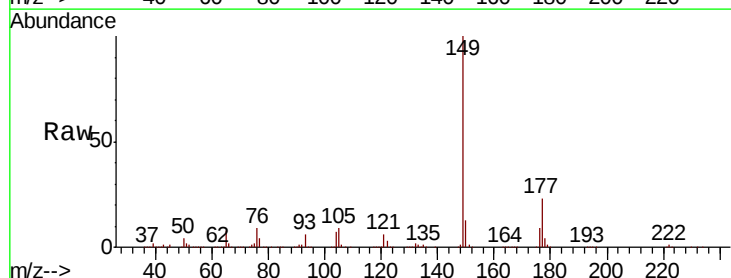


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

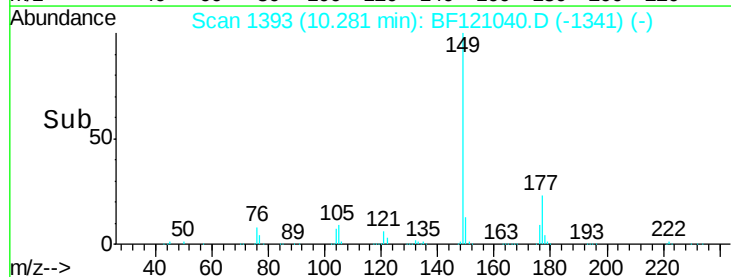
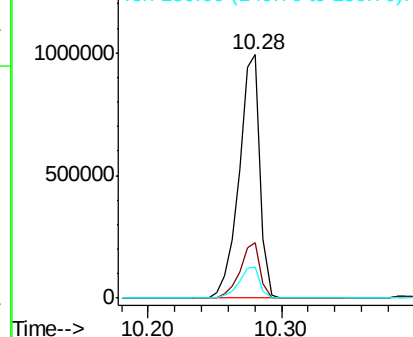


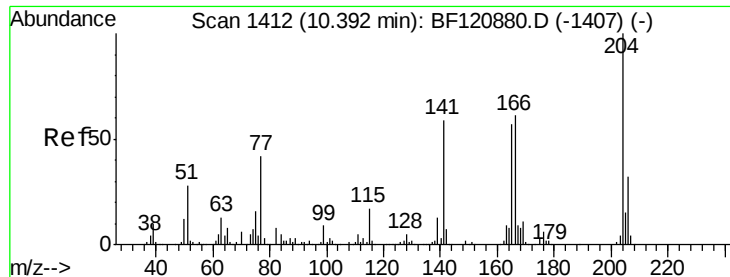
#60
Diethylphthalate
Concen: 42.443 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.1	25.7
150	12.5	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





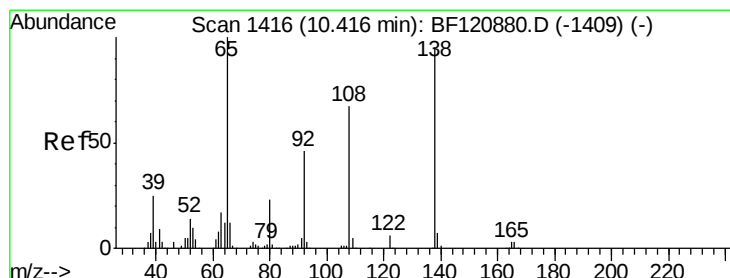
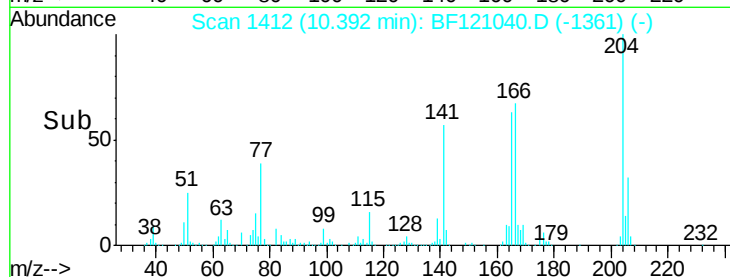
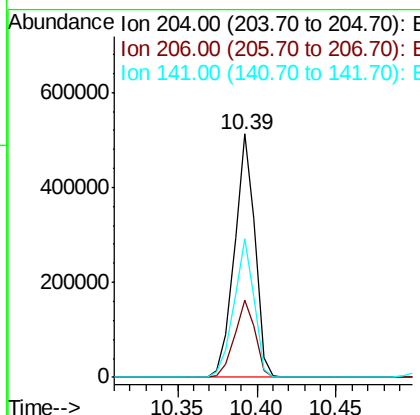
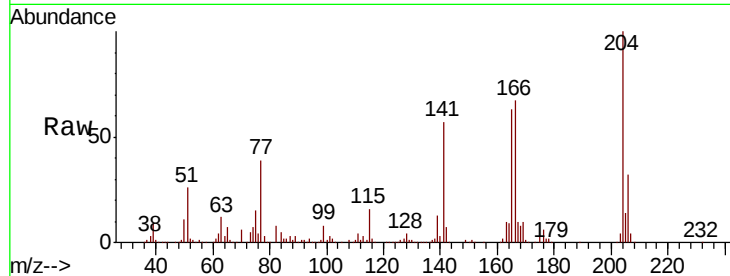
#61
4-Chlorophenyl-phenylether
Concen: 36.942 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.9	38.9
141	57.2	47.2	70.8

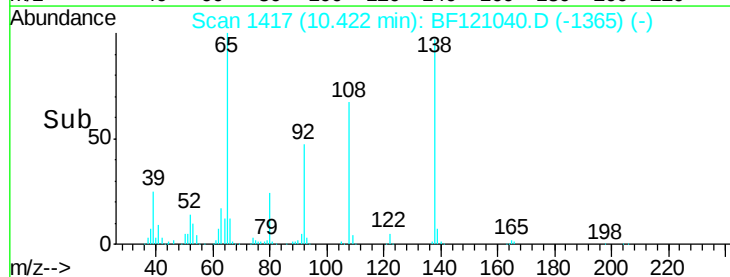
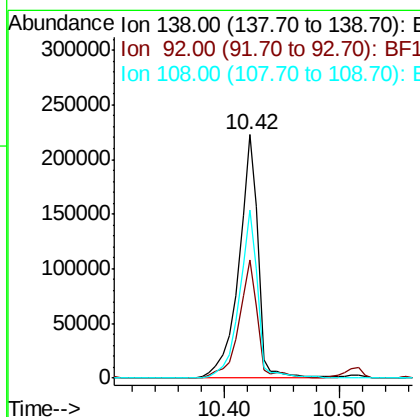
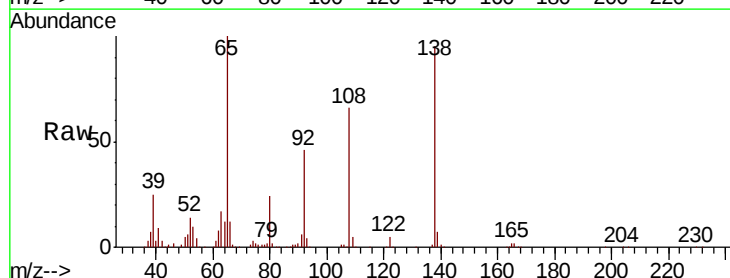
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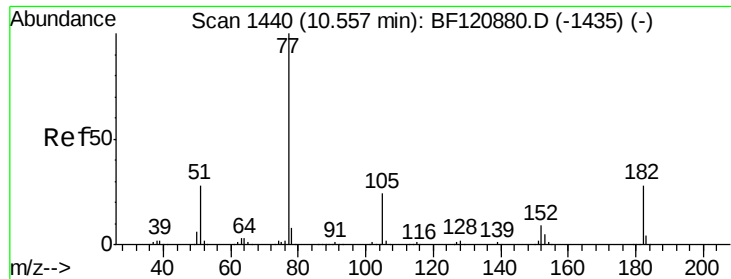
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#62
4-Nitroaniline
Concen: 38.856 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	28.6	68.6
108	69.2	51.1	91.1





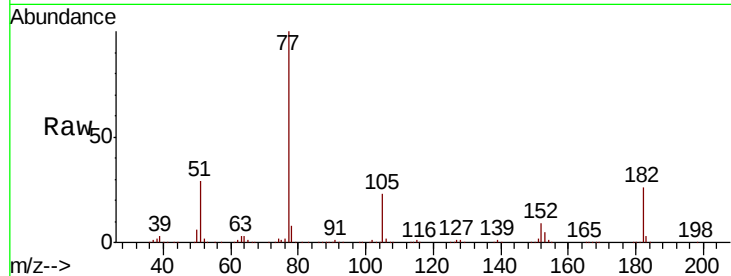
#63
Azobenzene
Concen: 41.019 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampled :
CTR-020MS

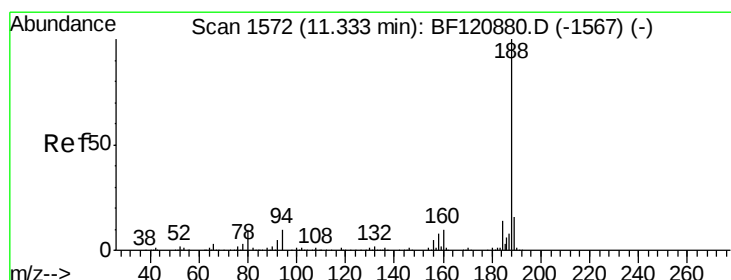
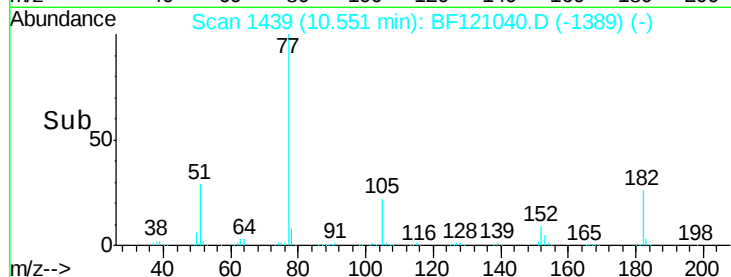
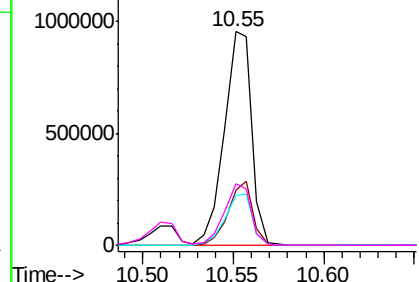
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.8	47.8
105	23.3	4.4	44.4
51	29.0	8.0	48.0

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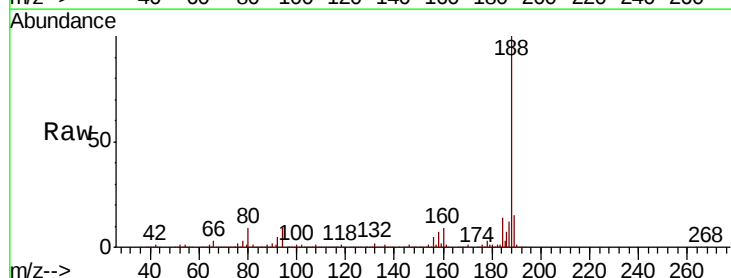


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

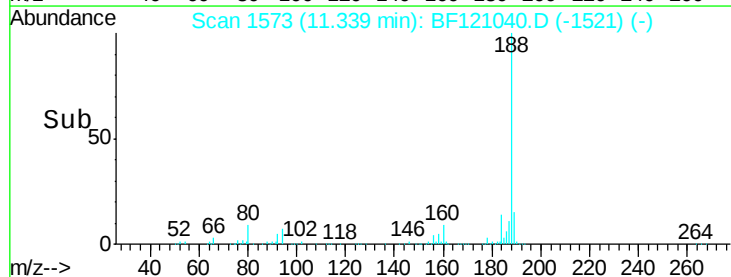
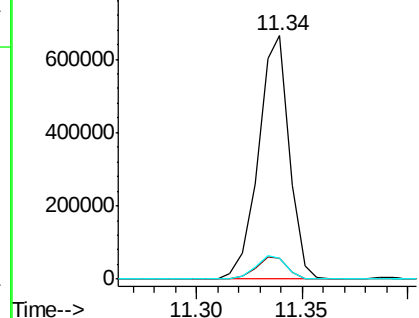


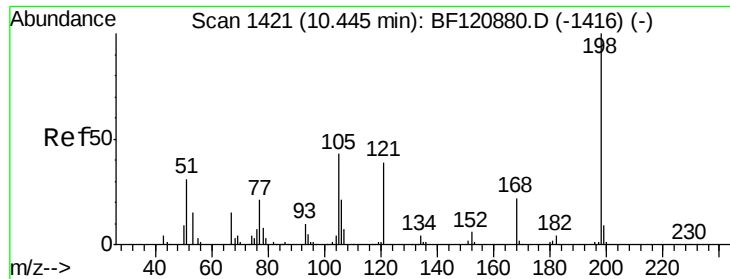
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.8	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





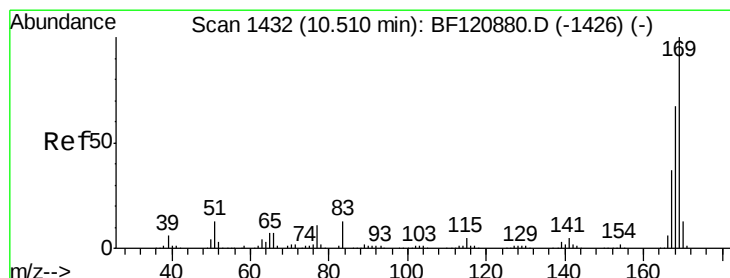
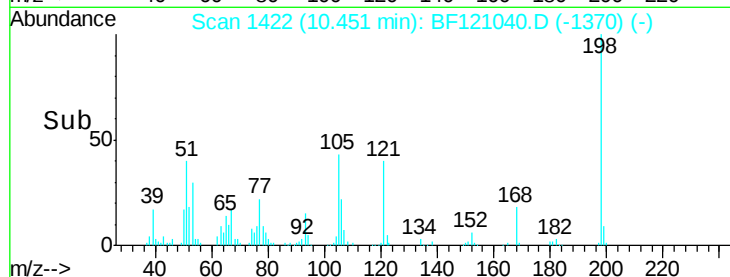
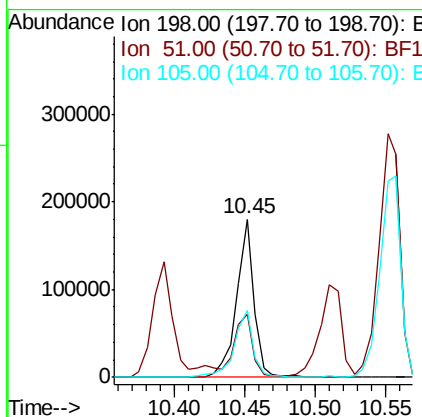
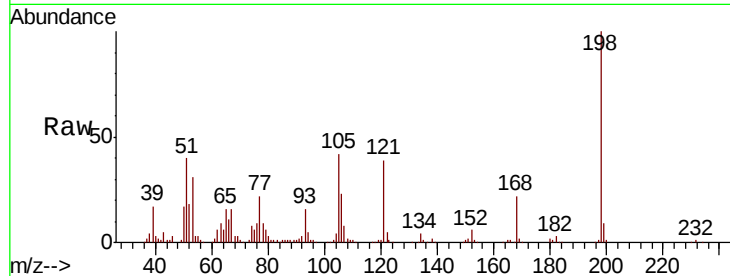
#65
4,6-Dinitro-2-methylphenol
Concen: 40.455 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	155585		
51	39.6	19.5	59.5	
105	42.3	24.4	64.4	

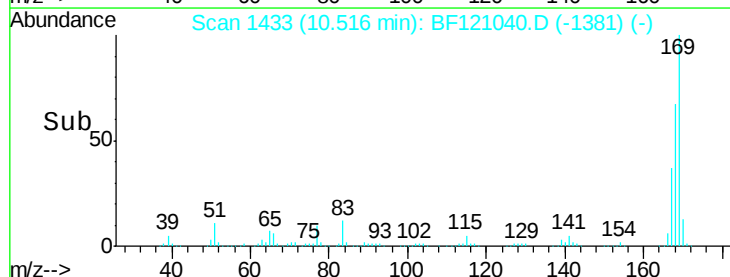
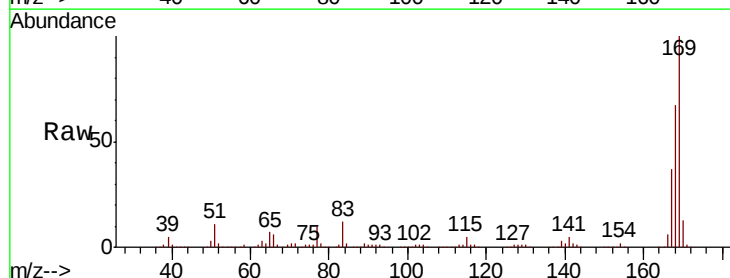
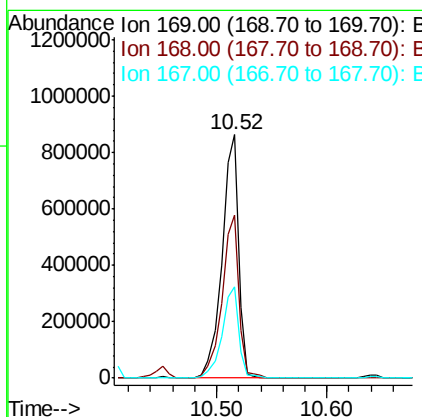
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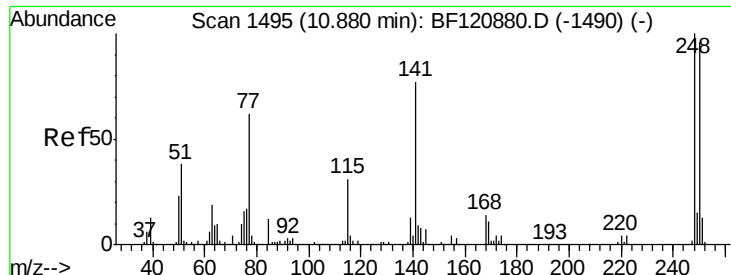
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.589 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	904953		
168	67.0	53.4	80.0	
167	37.3	29.4	44.0	





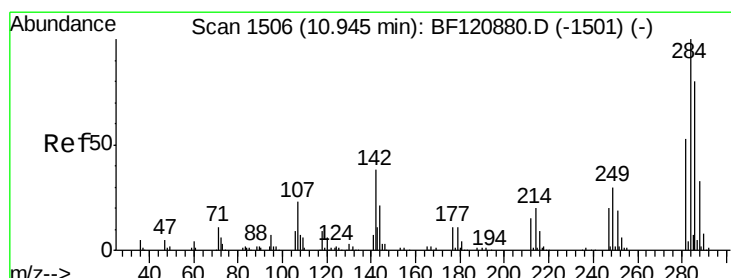
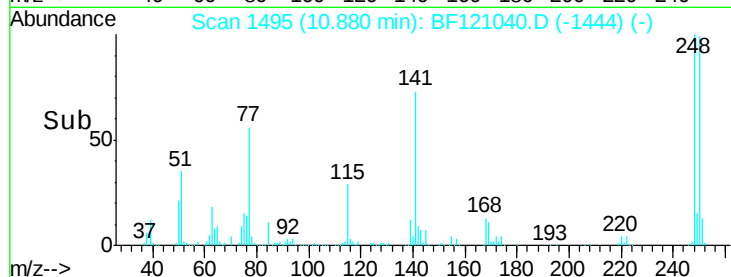
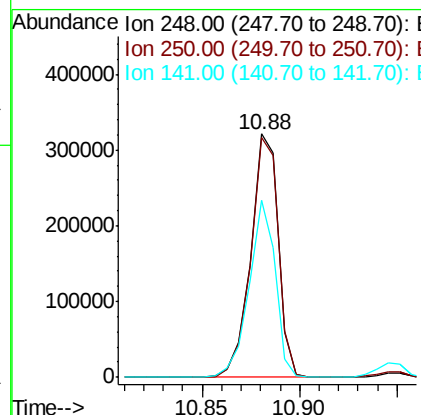
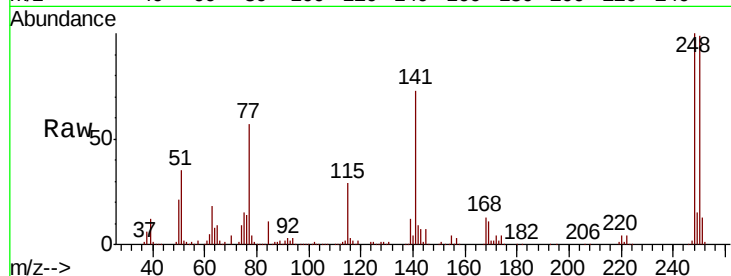
#67
 4-Bromophenyl-phenylether
 Concen: 41.730 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.1	115.7
141	73.0	61.2	91.8

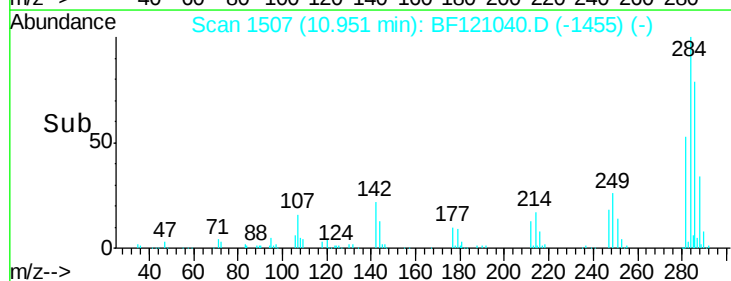
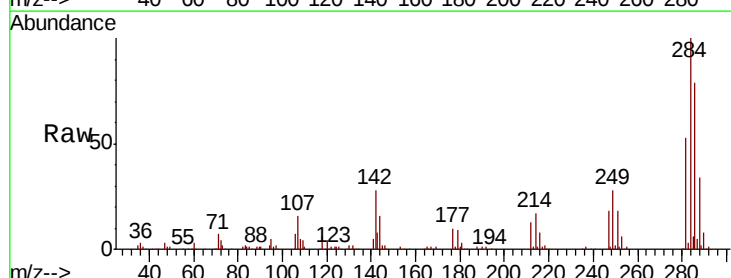
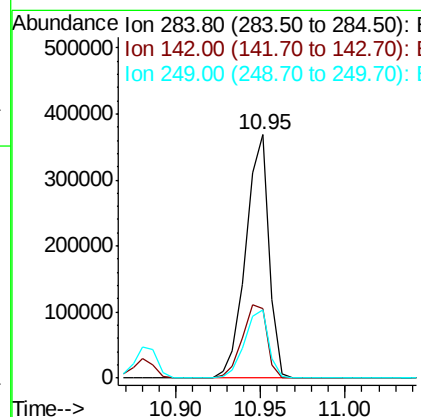
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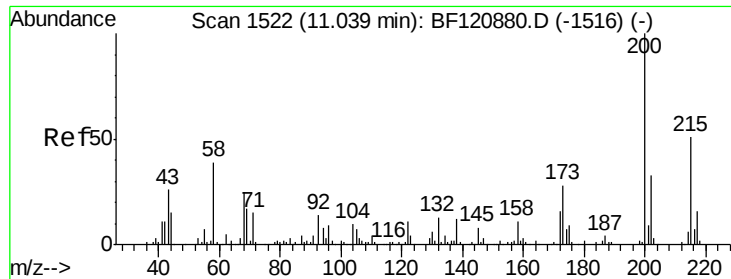
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#68
 Hexachlorobenzene
 Concen: 43.453 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	30.2	45.2#
249	28.2	24.2	36.2





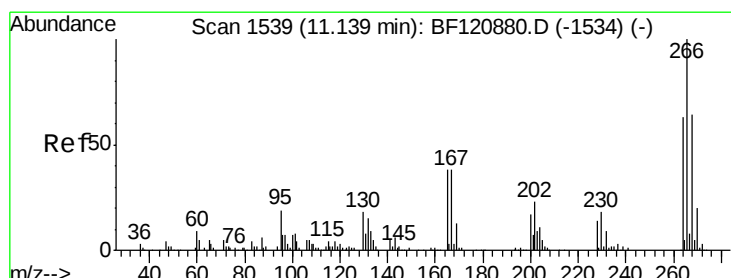
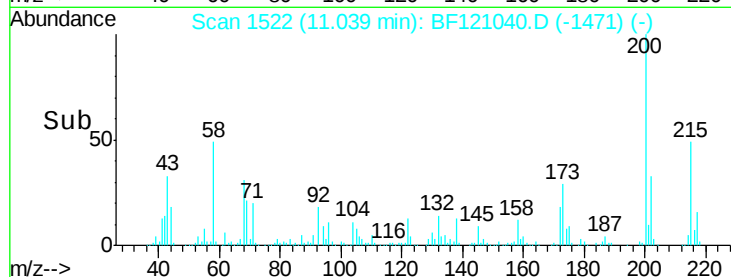
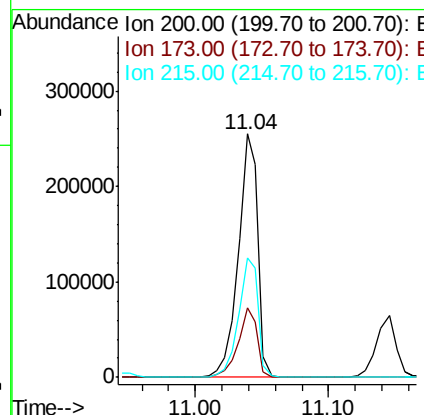
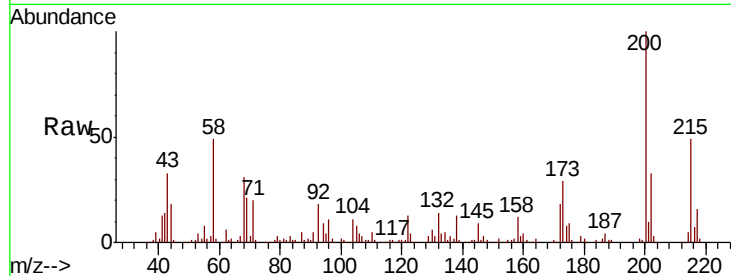
#69
 Atrazine
 Concen: 49.831 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.0	48.0
215	48.8	31.5	71.5

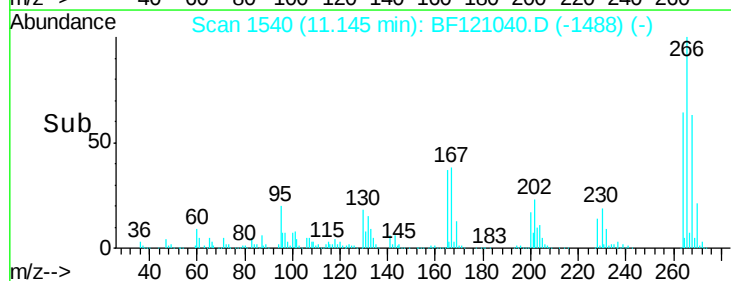
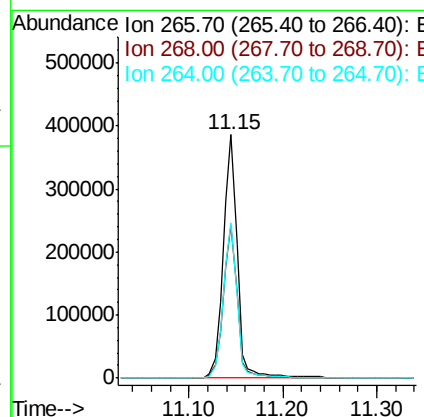
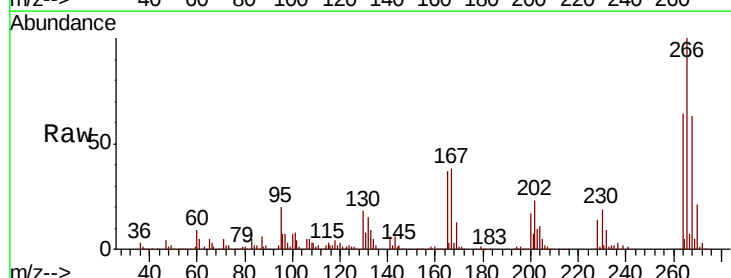
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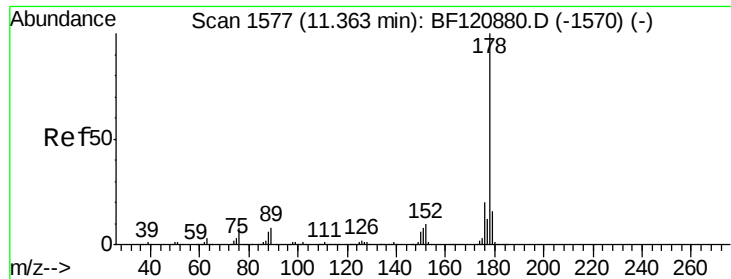
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#70
 Pentachlorophenol
 Concen: 86.741 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	63.6	50.2	75.2





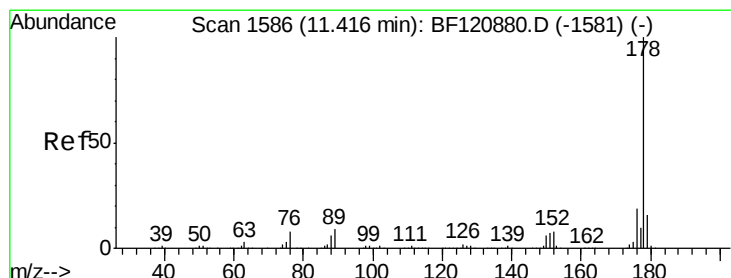
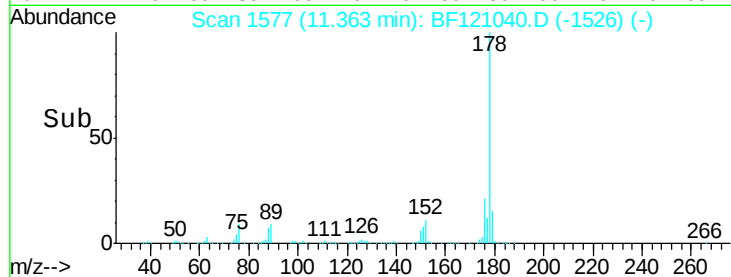
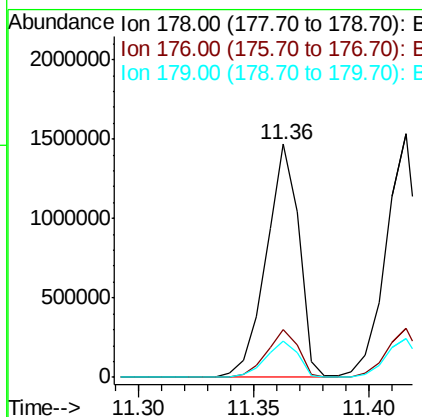
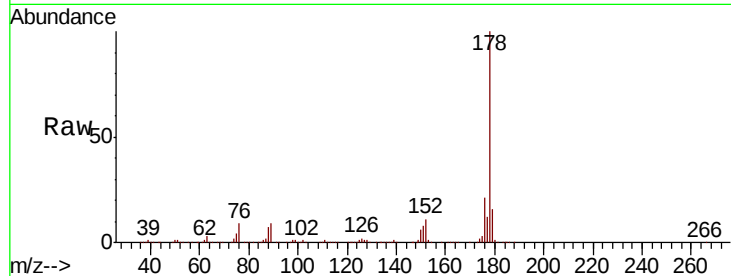
#71
Phenanthrene
Concen: 41.412 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	15.8	12.8	19.2

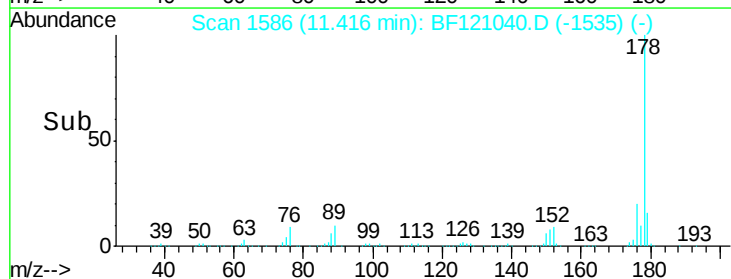
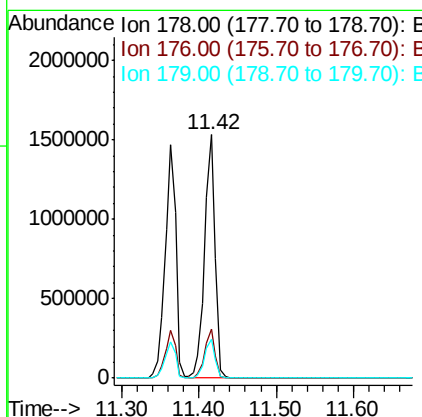
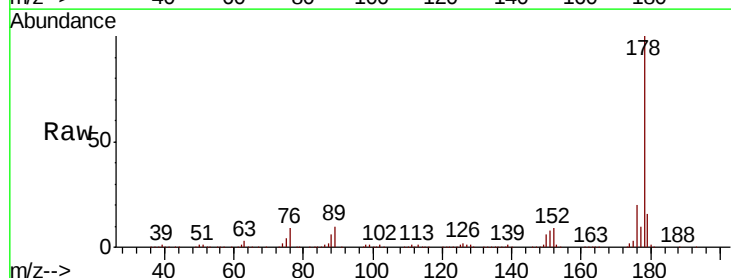
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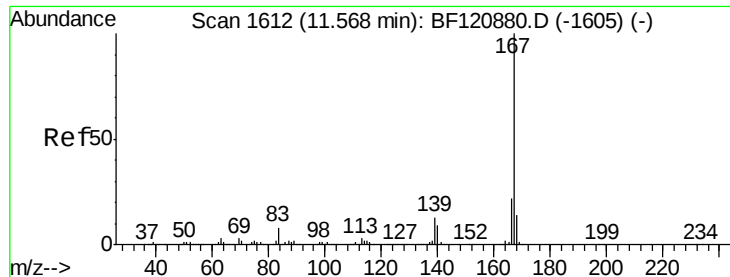
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#72
Anthracene
Concen: 42.093 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.1	12.8	19.2





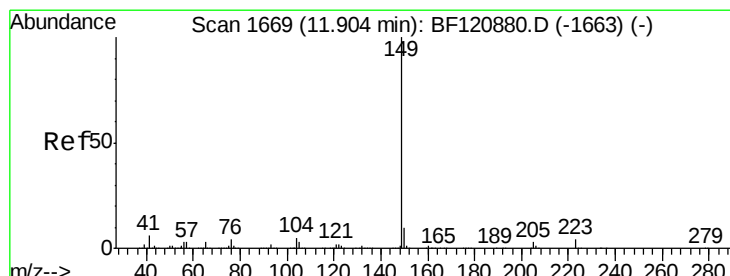
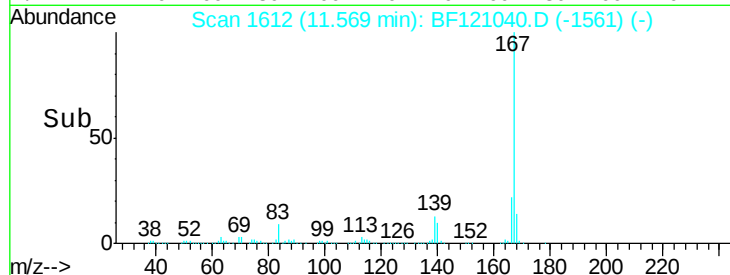
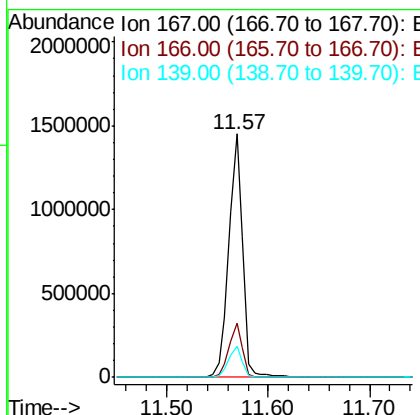
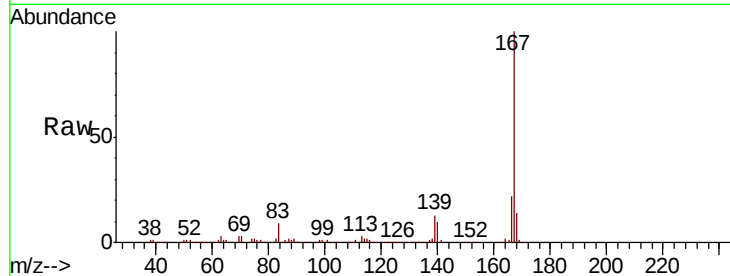
#73
 Carbazole
 Concen: 40.132 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.7	10.1	15.1

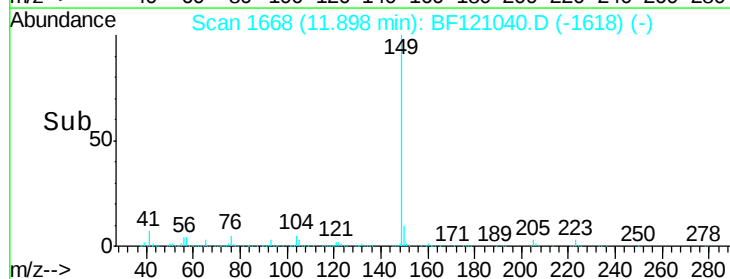
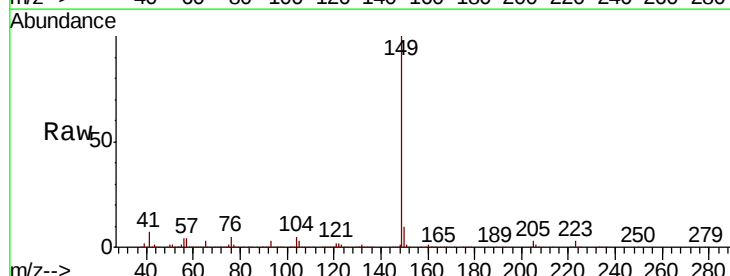
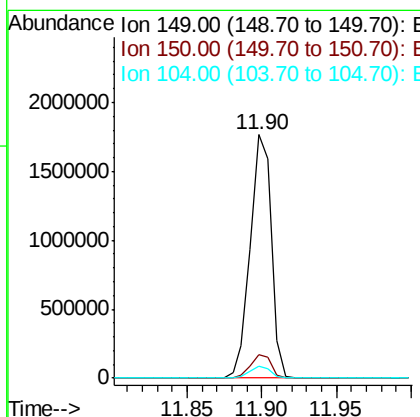
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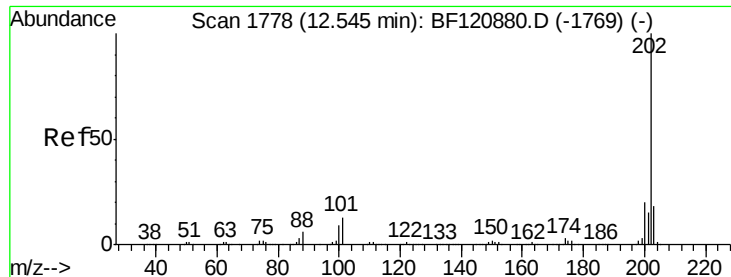
mohammad
 7/28/2020 11:43:35 AM



#74
 Di-n-butylphthalate
 Concen: 42.935 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.6





#75

Fluoranthene

Concen: 41.215 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

CTR-020MS

Tot Ion:202 Resp: 1587026

Ion Ratio Lower Upper

202 100

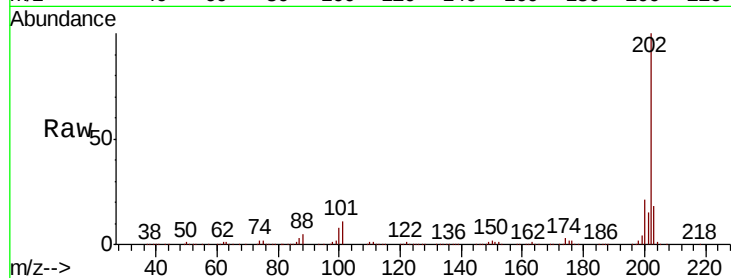
101 11.0 0.0 32.7

203 18.1 0.0 38.0

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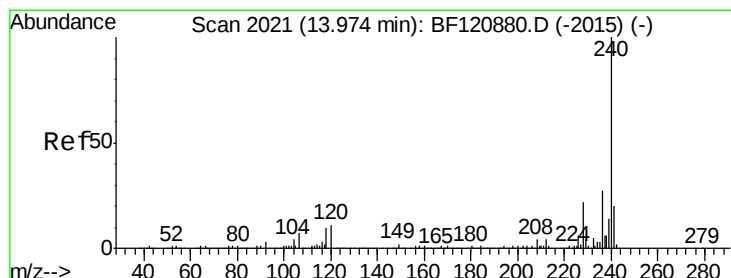
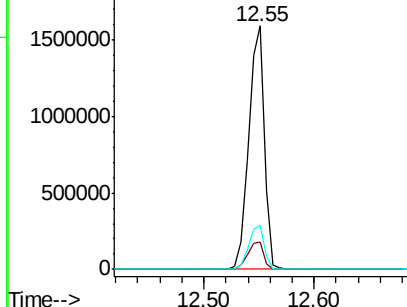
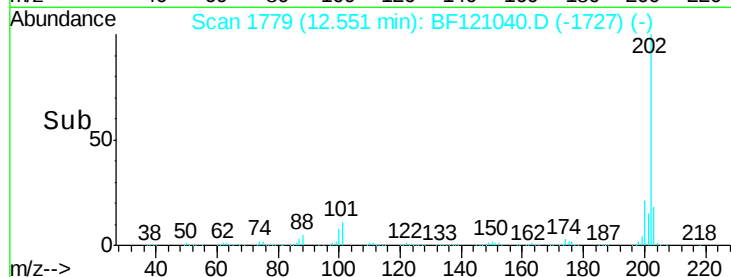
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

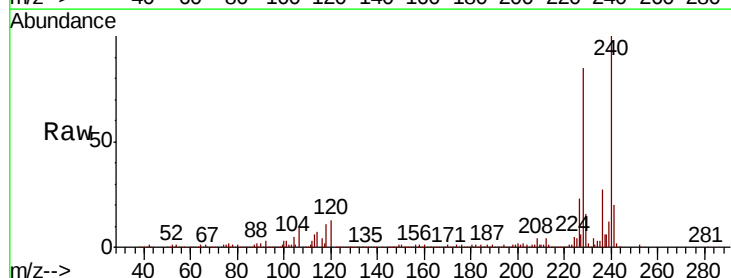
Tgt Ion:240 Resp: 493676

Ion Ratio Lower Upper

240 100

120 13.0 9.0 13.4

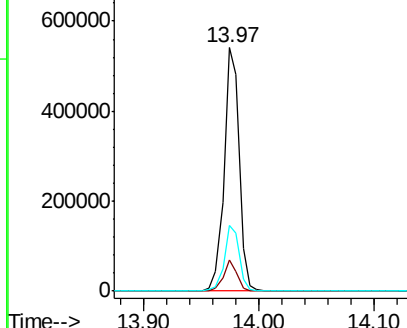
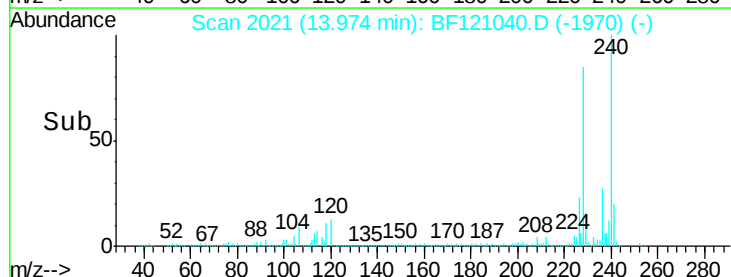
236 26.8 21.7 32.5

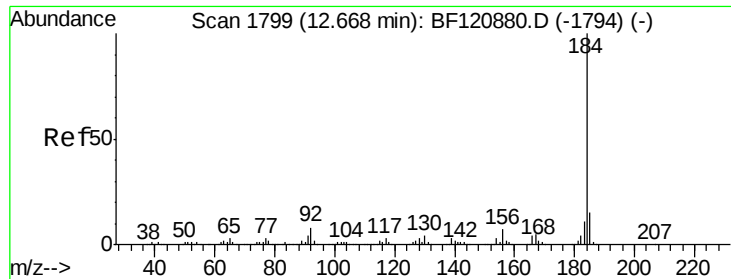


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.253 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

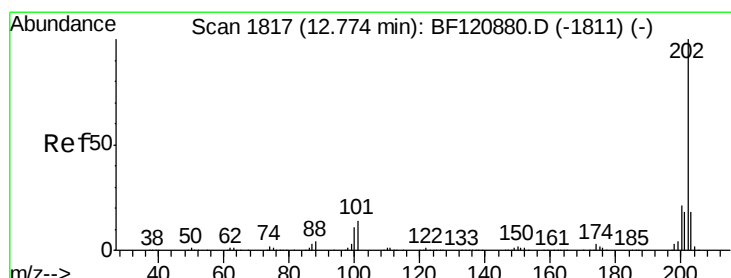
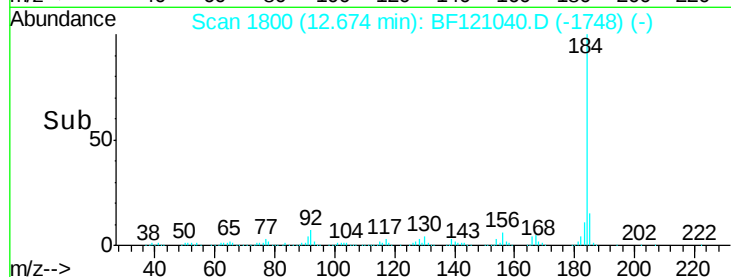
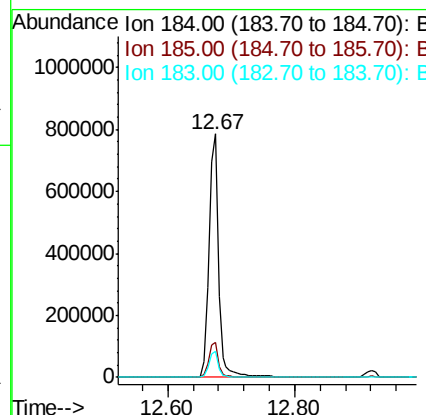
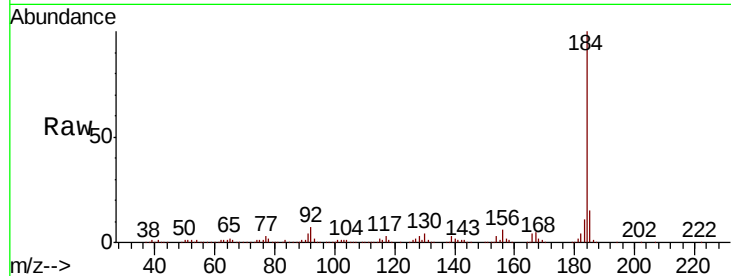
ClientSampleId :

CTR-020MS

Tot Ion:	184	Resp:	821006
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	10.9	8.5	12.7

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#78

Pyrene

Concen: 46.285 ng

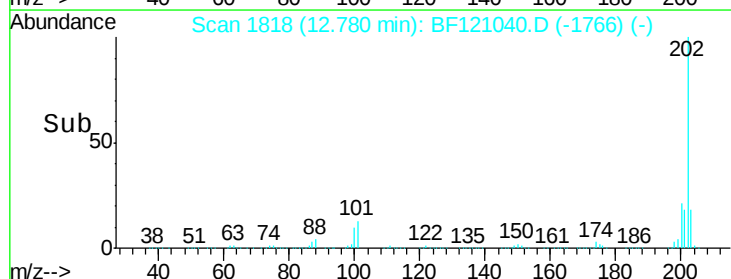
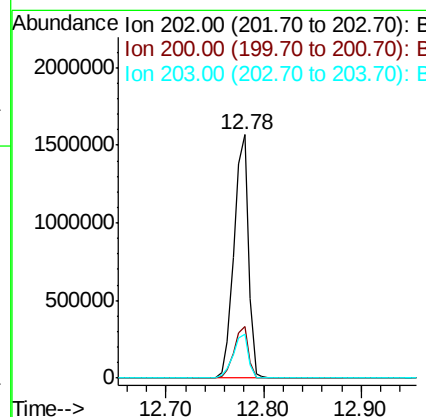
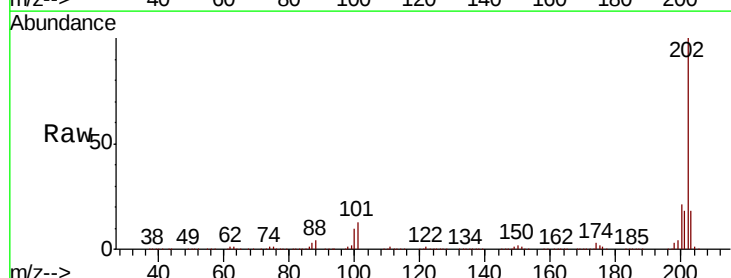
RT: 12.78 min Scan# 1818

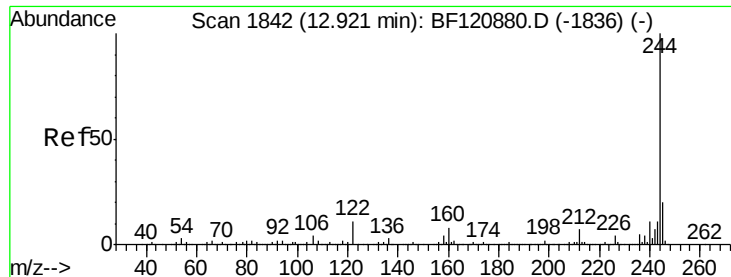
Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Tgt Ion:	202	Resp:	1615502
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	18.0	14.4	21.6





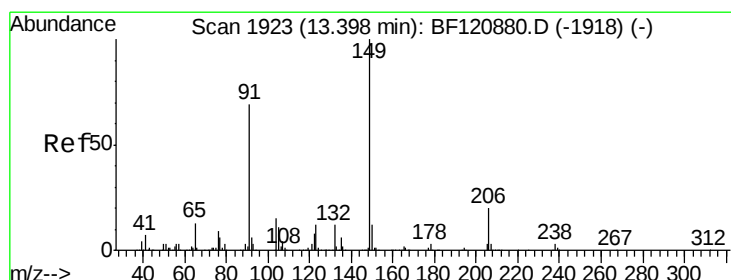
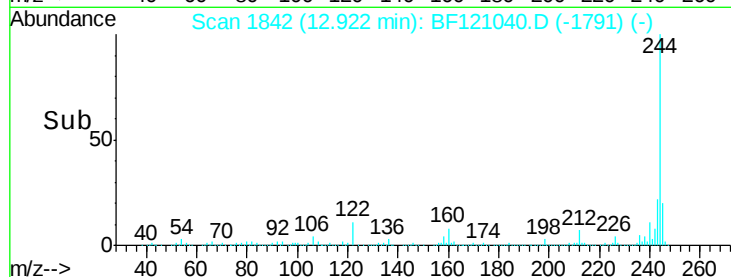
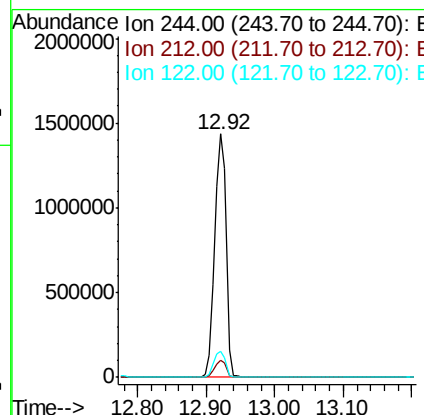
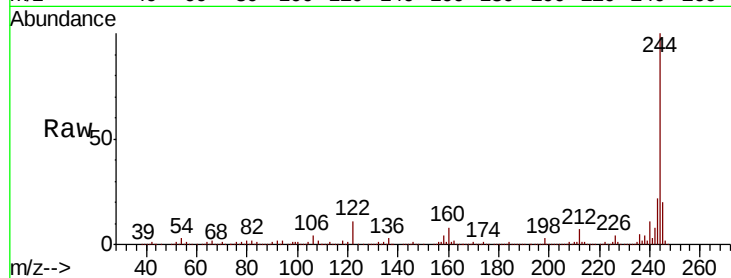
#79
 Terphenyl-d14
 Concen: 73.371 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.6	8.9	13.3

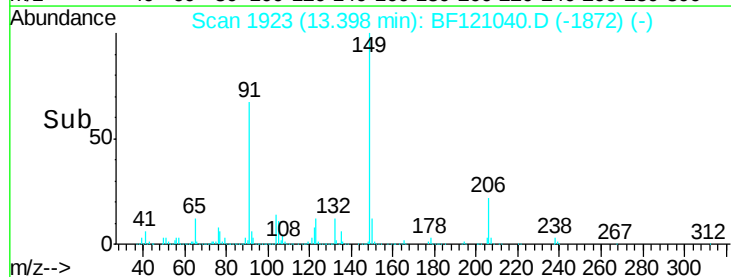
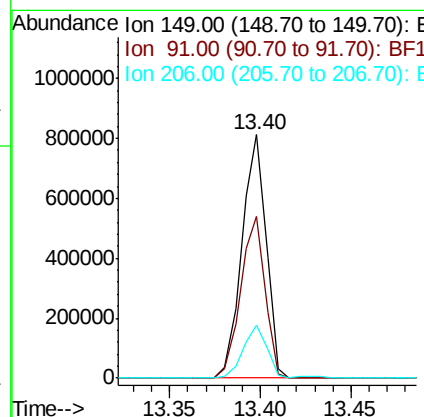
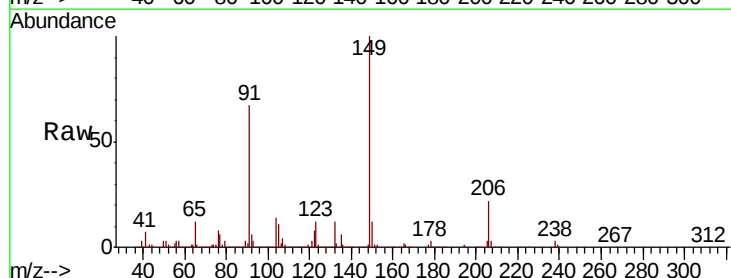
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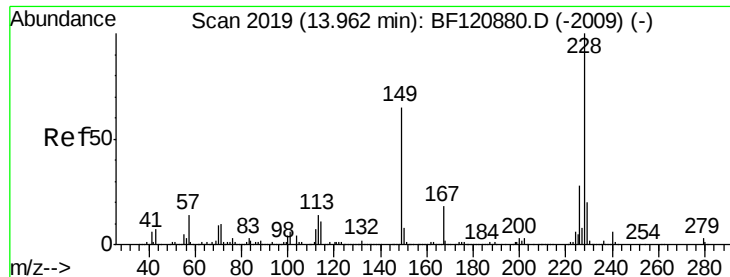
mohammad
 7/28/2020 11:43:35 AM



#80
 Butylbenzylphthalate
 Concen: 48.378 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.7	55.1	82.7
206	21.8	16.1	24.1





#81

Benzo(a)anthracene

Concen: 41.088 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

CTR-020MS

Tot Ion:228 Resp: 1228307

Ion Ratio Lower Upper

228 100

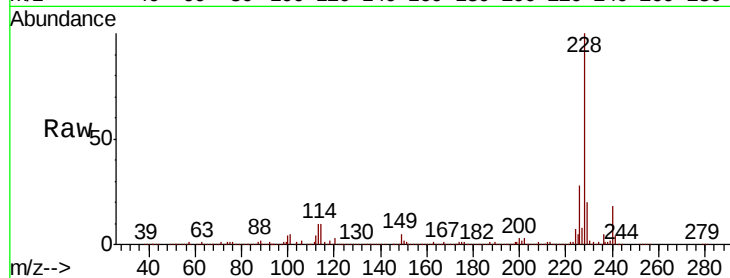
226 28.4 22.3 33.5

229 19.9 16.1 24.1

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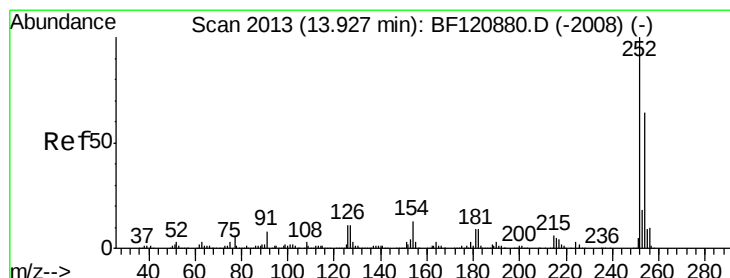
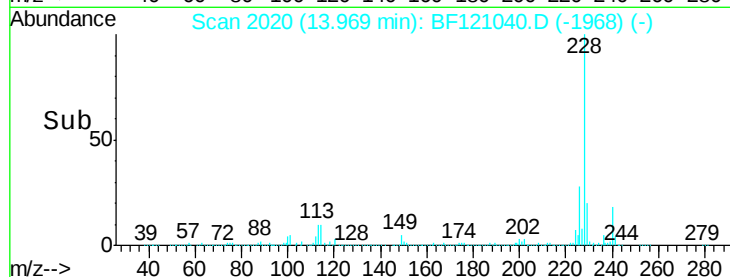
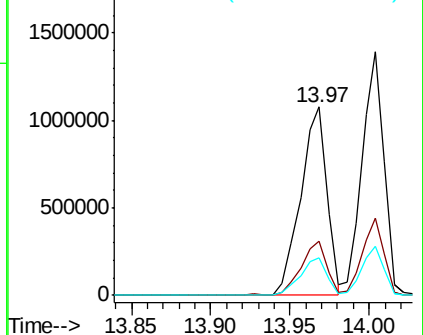
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.627 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

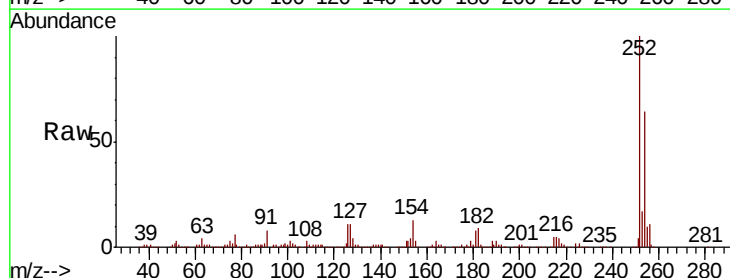
Tgt Ion:252 Resp: 401818

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

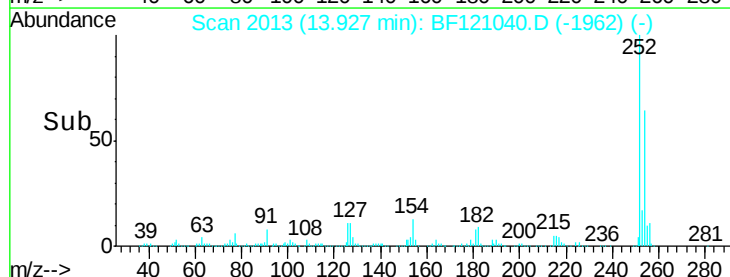
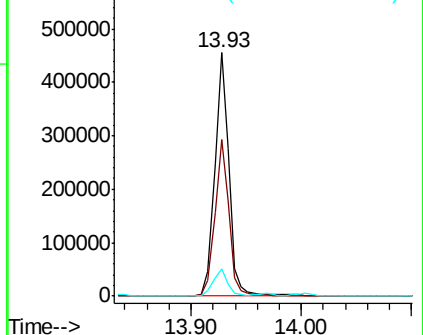
126 11.5 8.7 13.1

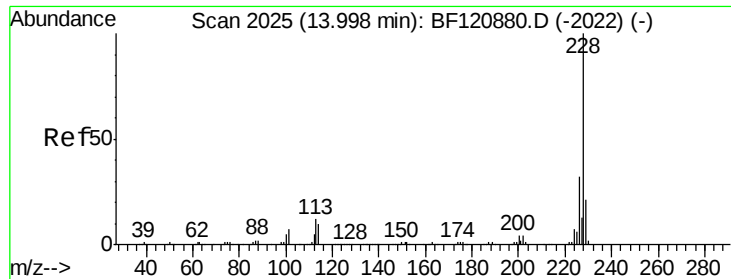


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





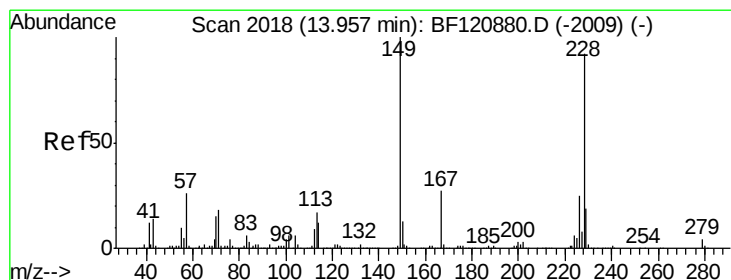
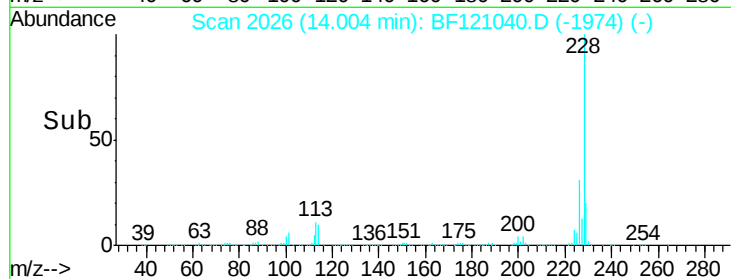
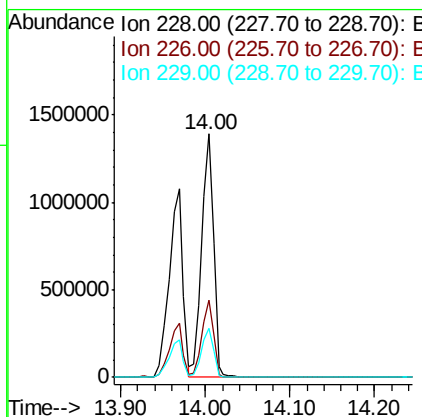
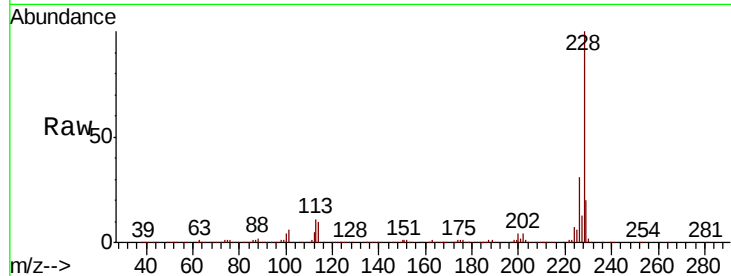
#83
 Chrysene
 Concen: 42.651 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion:228 Resp: 1339924
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.6 38.4
 229 20.1 16.8 25.2

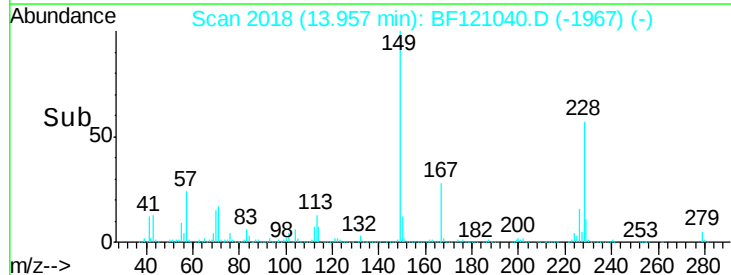
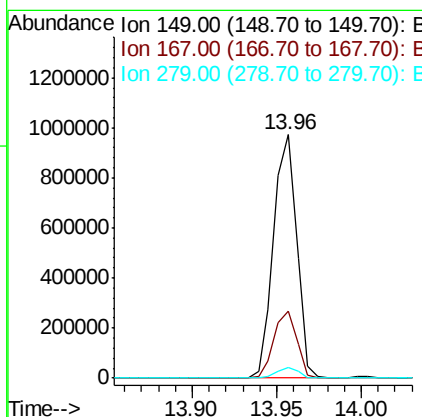
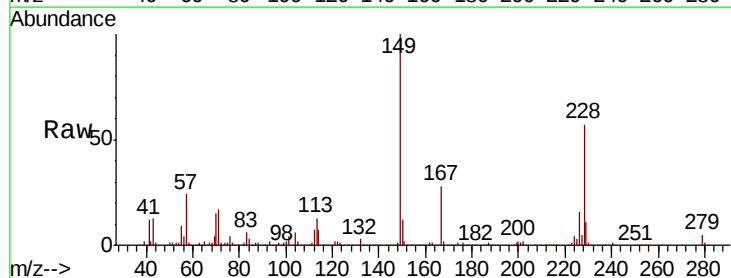
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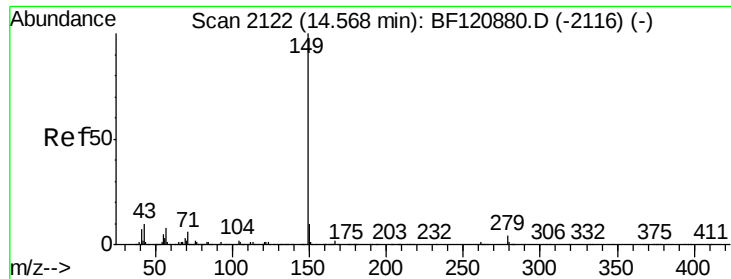
mohammad
 7/28/2020 11:43:35 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.267 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion:149 Resp: 926073
 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: 46.016 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121040.D

Acq: 27 Jul 2020 19:18

Instrument :

BNA_F

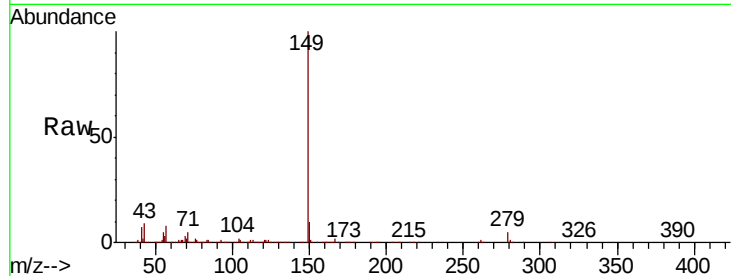
ClientSampleId :

CTR-020MS

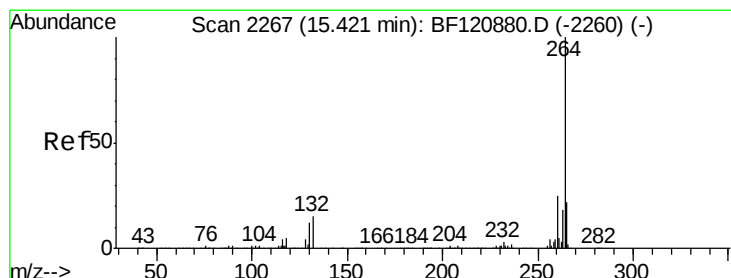
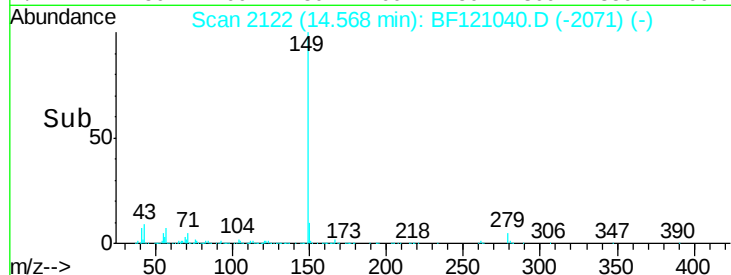
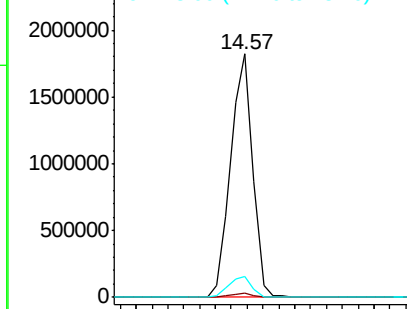
Tot Ion:	149	Resp:	1756514
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

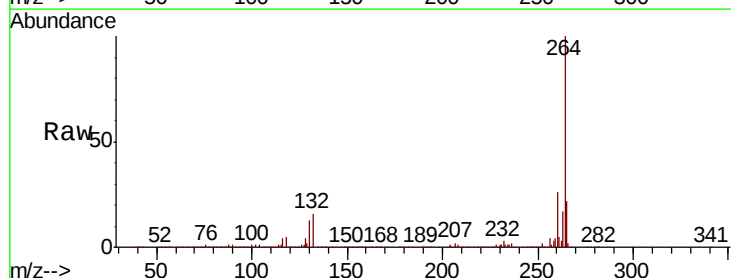
RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

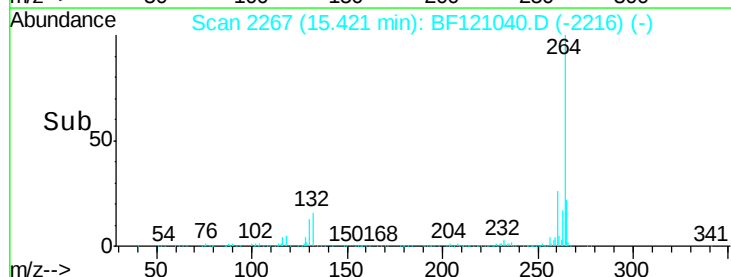
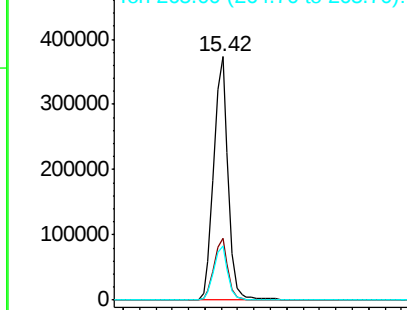
Lab File: BF121040.D

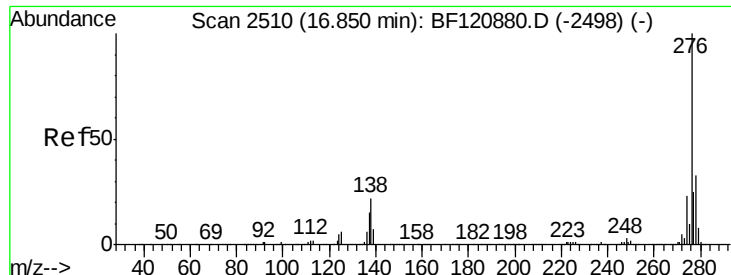
Acq: 27 Jul 2020 19:18

Tgt Ion:	264	Resp:	460997
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	22.3	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
500000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





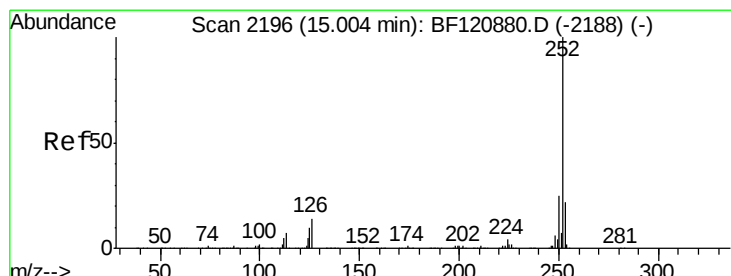
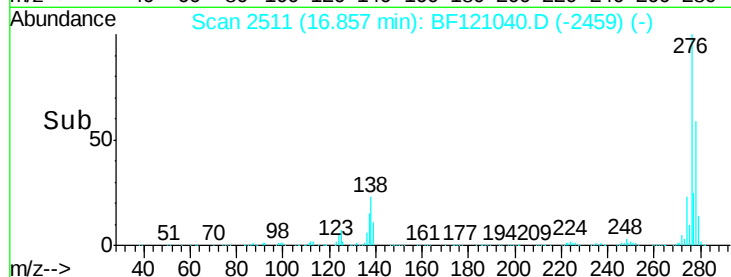
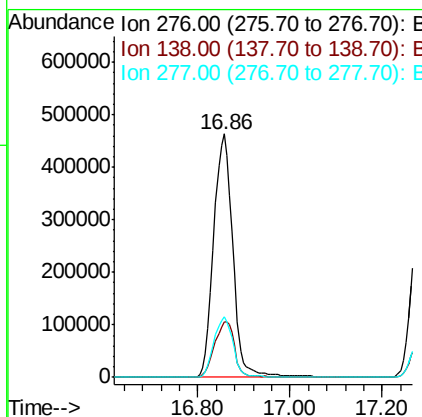
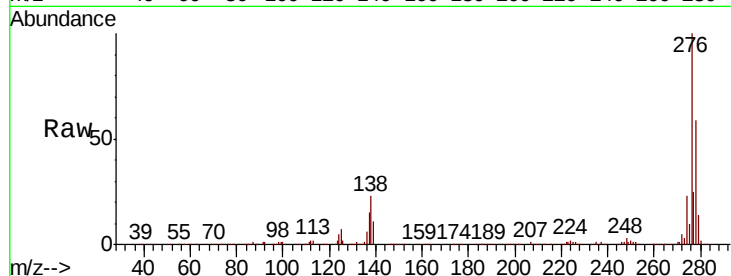
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.037 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.8	29.8
277	25.0	20.2	30.2

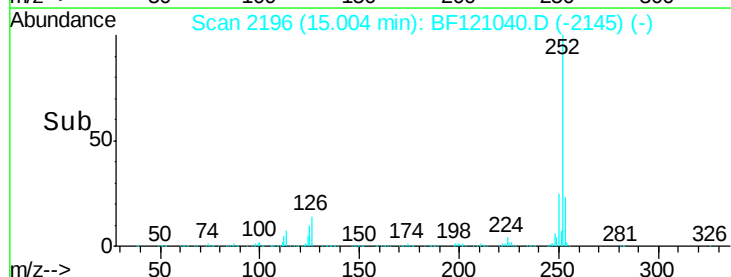
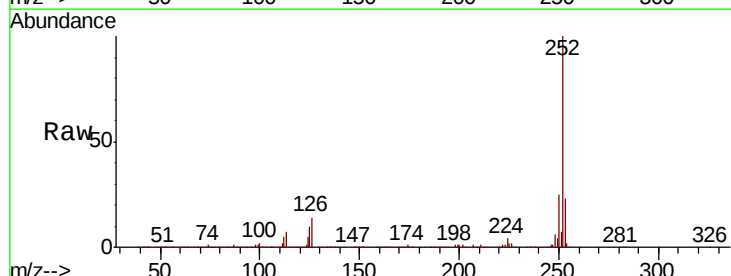
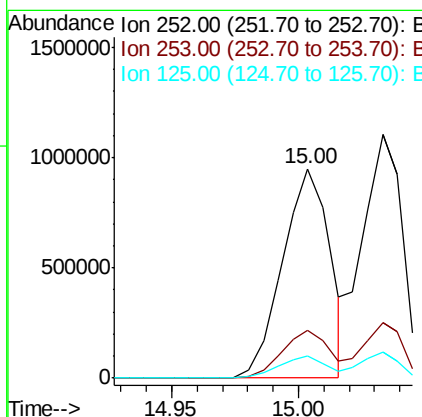
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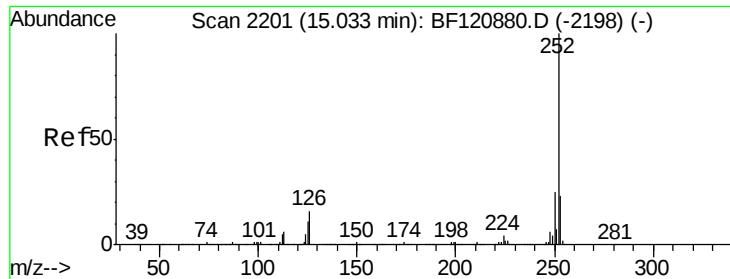
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.172 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121040.D
 Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.4	8.3	12.5





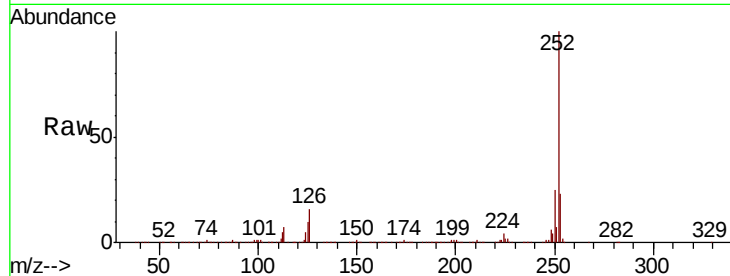
#89
Benzo(k)fluoranthene
Concen: 48.462 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampled :
CTR-020MS

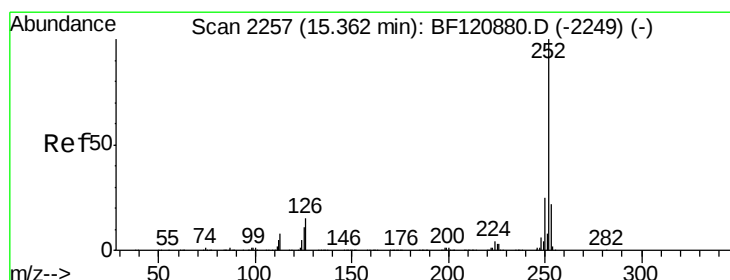
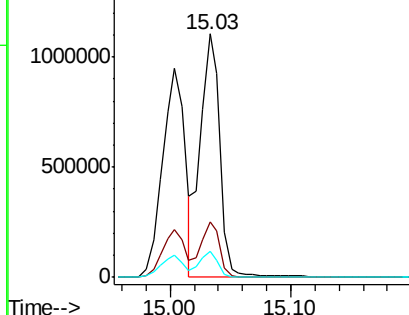
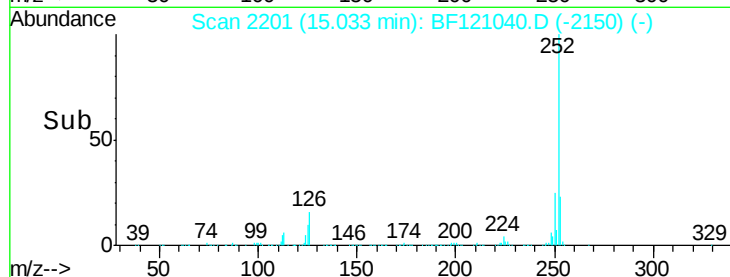
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.5	8.4	12.6

Manual Integrations
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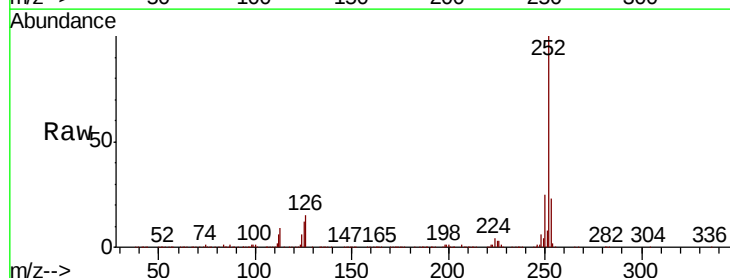


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

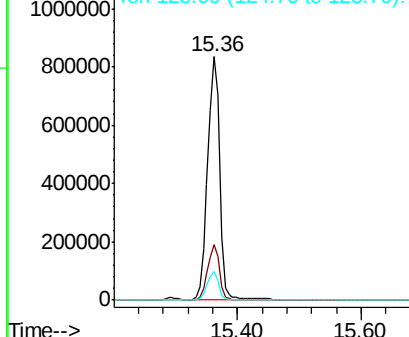
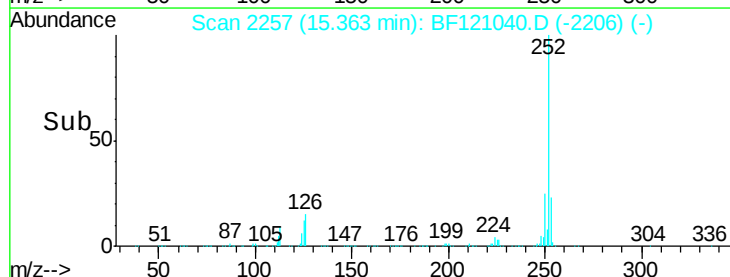


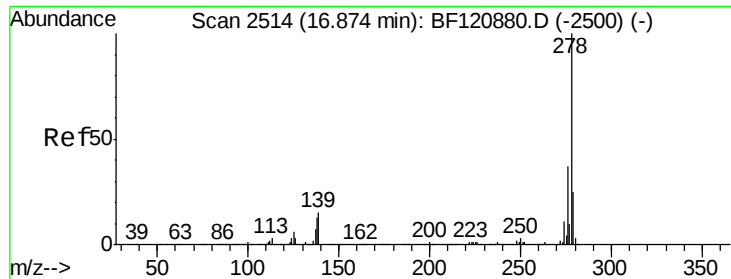
#90
Benzo(a)pyrene
Concen: 43.964 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.8	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





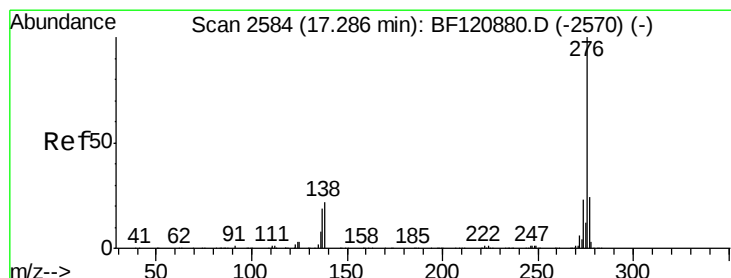
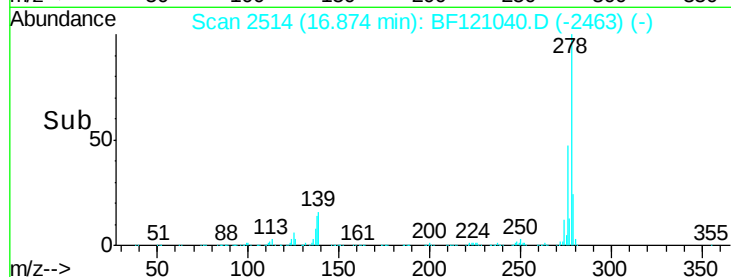
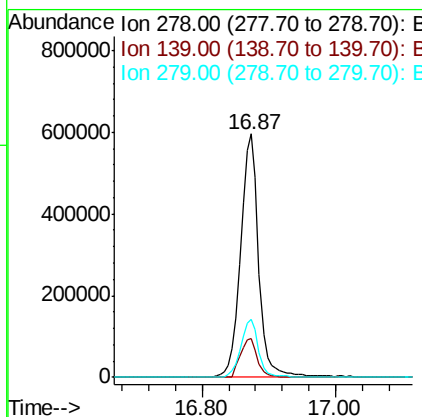
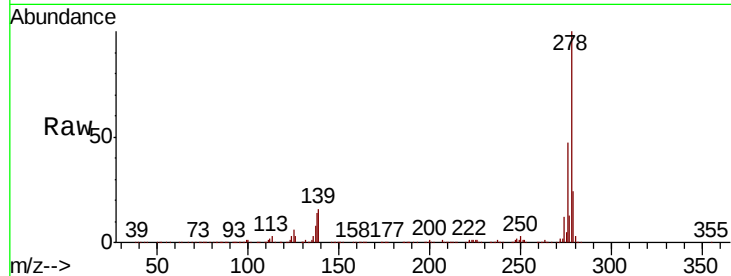
#91
Dibenzo(a,h)anthracene
Concen: 42.880 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
CTR-020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	24.0	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.231 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF121040.D
Acq: 27 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.8	17.5	26.3

