

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121096.D
 Acq On : 29 Jul 2020 12:06
 Operator : JU/CG
 Sample : PB130545BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:33:17 PM

Quant Time: Jul 29 15:12:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162613	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596313	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	303494	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563972	20.00	ng	0.00
76) Chrysene-d12	13.96	240	433103	20.00	ng	0.00
86) Perylene-d12	15.40	264	450935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	770630	77.69	ng	0.01
7) Phenol-d6	6.45	99	930593	72.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	859466	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278290	83.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1530465	75.29	ng	0.00
79) Terphenyl-d14	12.91	244	1656842	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	156123	34.199	ng	99
3) Pyridine	3.33	79	369200	30.401	ng	96
4) n-Nitrosodimethylamine	3.27	42	194657	37.484	ng	98
6) Aniline	6.46	93	517285	30.928	ng	93
8) 2-Chlorophenol	6.59	128	432758	39.603	ng	97
9) Benzaldehyde	6.35	77	288141	49.351	ng	100
10) Phenol	6.46	94	512537	36.363	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	411040	38.052	ng	99
12) 1,3-Dichlorobenzene	6.75	146	443764	37.451	ng	99
13) 1,4-Dichlorobenzene	6.82	146	443936	37.678	ng	98
14) 1,2-Dichlorobenzene	6.97	146	411707	36.936	ng	99
15) Benzyl Alcohol	6.95	79	328577	36.261	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	559488	35.934	ng	99
17) 2-Methylphenol	7.06	107	338418	34.941	ng	99
18) Hexachloroethane	7.32	117	166698	39.089	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	258021	35.413	ng	100
20) 3+4-Methylphenols	7.22	107	385799	31.313	ng	97
22) Acetophenone	7.21	105	537619	40.172	ng	96
24) Nitrobenzene	7.39	77	425543	38.312	ng	98
25) Isophorone	7.63	82	780519	37.949	ng	98
26) 2-Nitrophenol	7.70	139	230626	43.718	ng	96
27) 2,4-Dimethylphenol	7.75	122	370121	43.213	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	504041	40.147	ng	100
29) 2,4-Dichlorophenol	7.95	162	345114	39.432	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	380954	39.232	ng	100
31) Naphthalene	8.11	128	1193249	39.010	ng	100
32) Benzoic acid	7.87	122	237753	36.979	ng	97
33) 4-Chloroaniline	8.16	127	377020	27.630	ng	99
34) Hexachlorobutadiene	8.23	225	221119	38.629	ng	100
35) Caprolactam	8.53	113	108539m	38.672	ng	
36) 4-Chloro-3-methylphenol	8.65	107	354517	39.495	ng	96
37) 2-Methylnaphthalene	8.80	142	798094	40.184	ng	100
38) 1-Methylnaphthalene	8.90	142	744141	39.560	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358460	40.538	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	423606	86.679	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	255898	41.102	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	266402	37.722	nq	98
46) 1,1'-Biphenyl	9.26	154	954295	41.221	nq	99
47) 2-Chloronaphthalene	9.29	162	728954	38.621	nq	98
48) 2-Nitroaniline	9.38	65	223379	39.161	nq	96
49) Acenaphthylene	9.70	152	1176466	40.122	nq	99
50) Dimethylphthalate	9.56	163	851611	38.895	nq	99
51) 2,6-Dinitrotoluene	9.63	165	192588	40.942	nq	92
52) Acenaphthene	9.87	154	780745m	41.880	nq	
53) 3-Nitroaniline	9.79	138	153088	25.949	nq	98
54) 2,4-Dinitrophenol	9.90	184	185600	69.526	nq	98
55) Dibenzofuran	10.05	168	1036695	38.455	nq	99
56) 4-Nitrophenol	9.97	139	333108	74.329	nq	95
57) 2,4-Dinitrotoluene	10.03	165	254608	41.217	nq	91
58) Fluorene	10.39	166	755199	37.560	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	225812	41.995	nq	98
60) Diethylphthalate	10.26	149	850679	38.411	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	374155	34.889	nq	98
62) 4-Nitroaniline	10.41	138	209421	36.441	nq	99
63) Azobenzene	10.54	77	802627	38.068	nq	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	129321	40.291	nq	93
66) n-Nitrosodiphenylamine	10.50	169	719828	40.573	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	246146	39.146	nq	97
68) Hexachlorobenzene	10.93	284	280466	41.234	nq	# 92
69) Atrazine	11.03	200	201407	45.839	nq	97
70) Pentachlorophenol	11.13	266	312917	80.304	nq	98
71) Phenanthrene	11.35	178	1138212	39.242	nq	100
72) Anthracene	11.40	178	1193422	40.975	nq	100
73) Carbazole	11.56	167	1085724	37.563	nq	100
74) Di-n-butylphthalate	11.89	149	1348113	40.416	nq	99
75) Fluoranthene	12.53	202	1263413	39.297	nq	98
77) Benzidine	12.66	184	816402	71.696	nq	99
78) Pyrene	12.76	202	1278785	41.762	nq	100
80) Butylbenzylphthalate	13.38	149	578093	42.350	nq	94
81) Benzo(a)anthracene	13.95	228	1043884	39.803	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	321142	32.457	nq	99
83) Chrysene	13.99	228	1095615	39.752	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	740179	43.974	nq	100
85) Di-n-octyl phthalate	14.55	149	1399110	41.779	nq	98
87) Indeno(1,2,3-cd)pyrene	16.83	276	1232891	39.313	nq	99
88) Benzo(b)fluoranthene	14.99	252	1081173	39.665	nq	99
89) Benzo(k)fluoranthene	15.02	252	1080888	43.481	nq	99
90) Benzo(a)pyrene	15.34	252	1002807	40.324	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	1022777	39.925	nq	99
92) Benzo(g,h,i)perylene	17.26	276	1041829	41.247	nq	99

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



#1

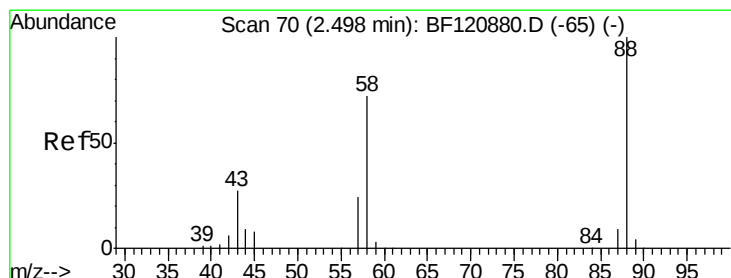
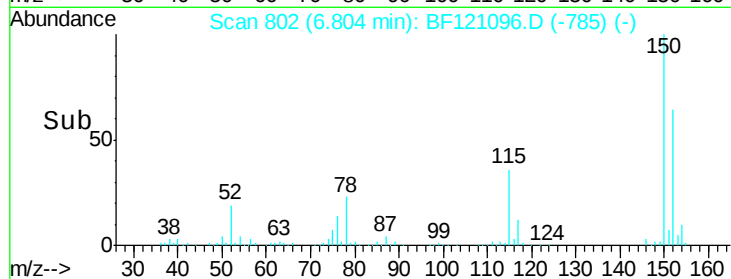
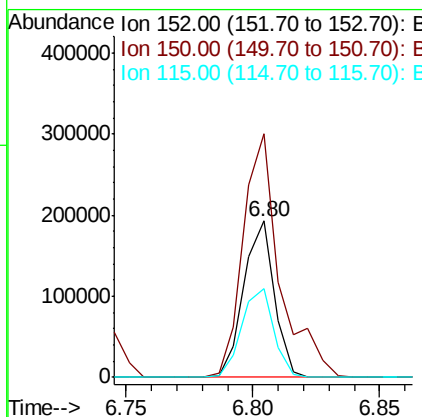
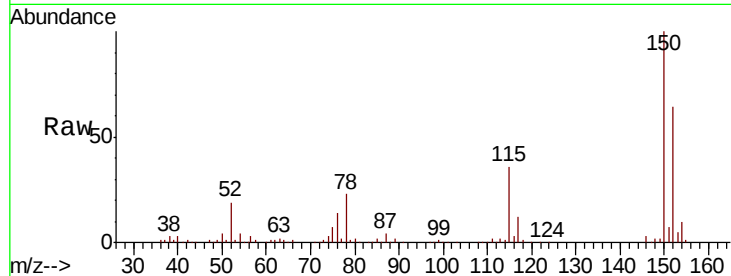
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	56.7	46.2	69.2

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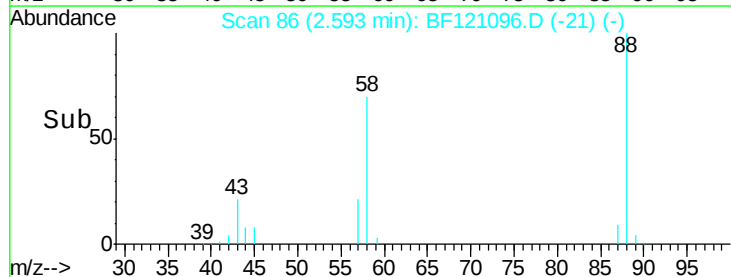
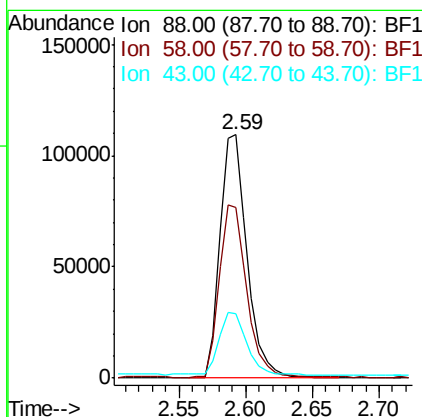
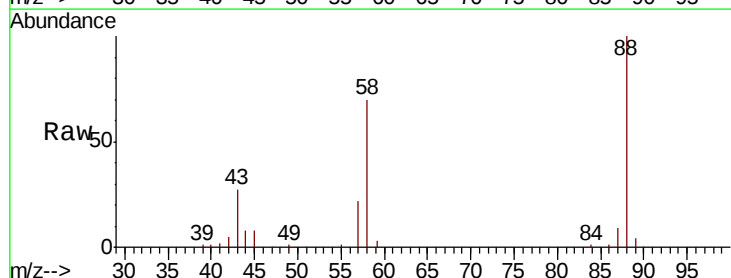
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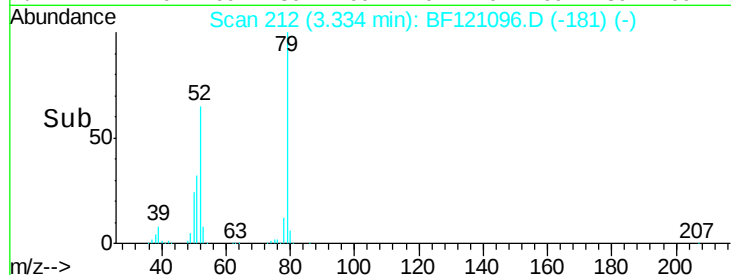
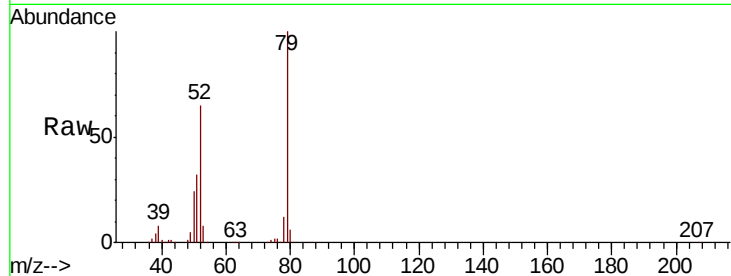
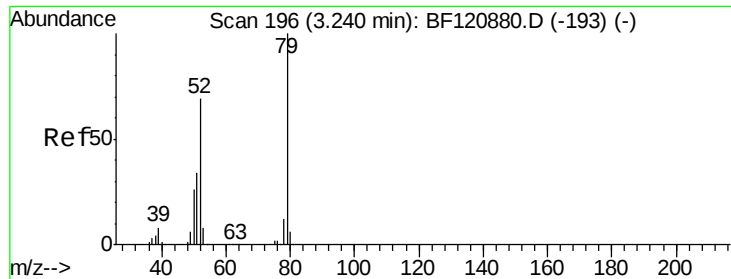


#2

1,4-Dioxane
Concen: 34.199 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.2	87.4
43	27.3	21.3	31.9





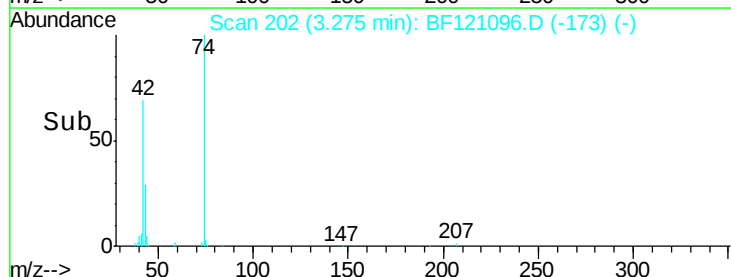
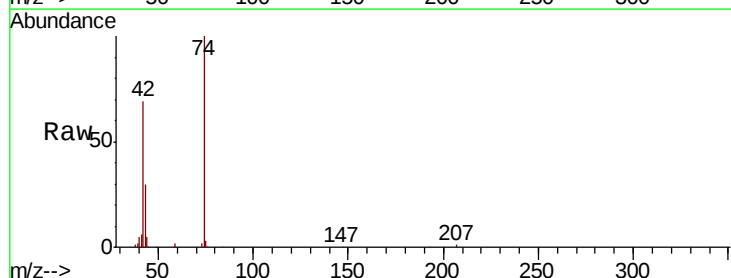
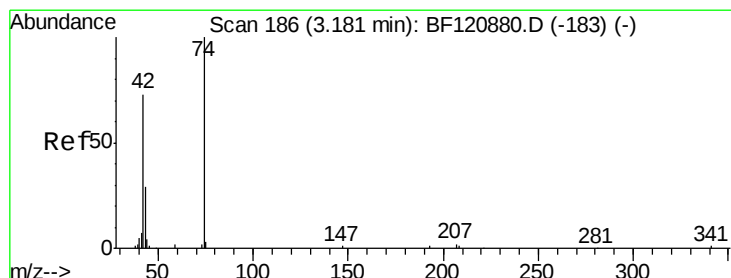
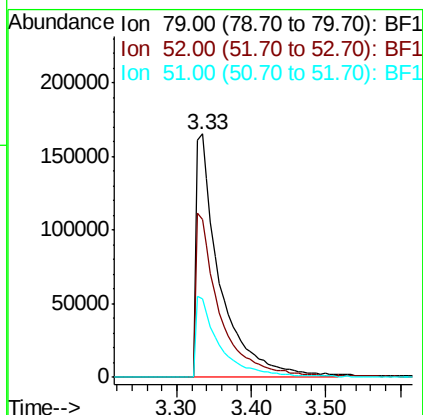
#3
Pvridine
Concen: 30.401 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.08 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	54.9	82.3
51	32.4	27.4	41.0

Instrument :
BNA_F
ClientSampleId :
PB130545BS

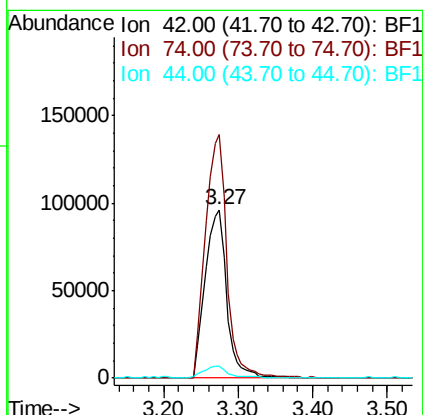
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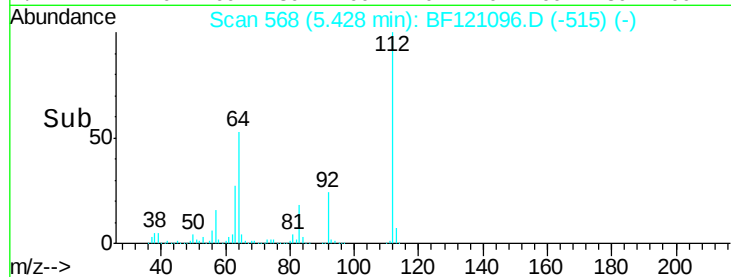
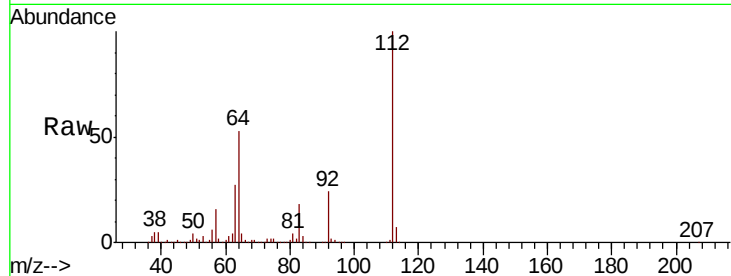
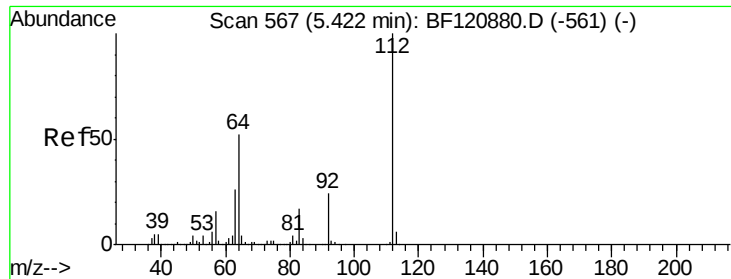
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#4
n-Nitrosodimethylamine
Concen: 37.484 ng
RT: 3.27 min Scan# 202
Delta R.T. 0.07 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.6	117.3	175.9
44	7.3	5.9	8.9





#5

2-Fluorophenol

Concen: 77.690 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tot Ion:	112	Resp:	770630
Ion Ratio	Lower	Upper	
112	100		
64	52.8	43.9	65.9
63	27.1	22.7	34.1

Instrument :

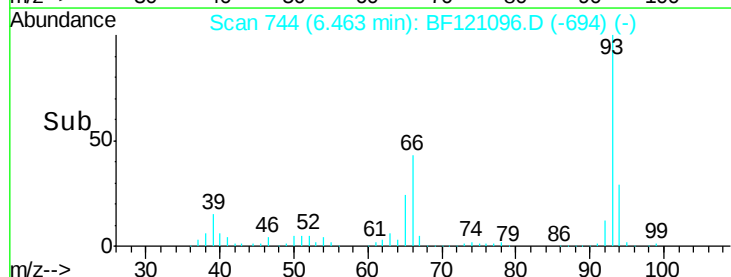
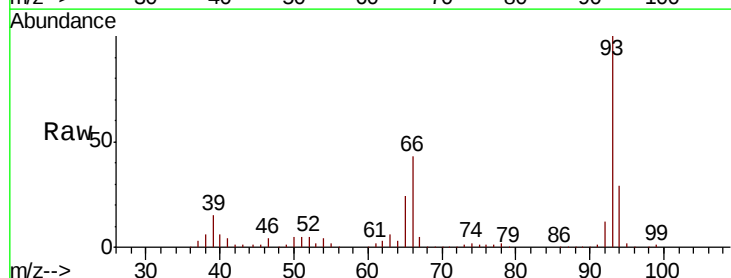
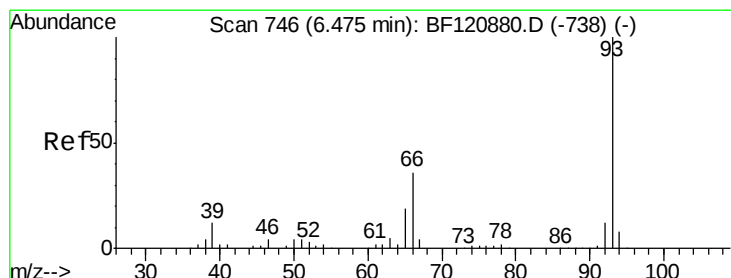
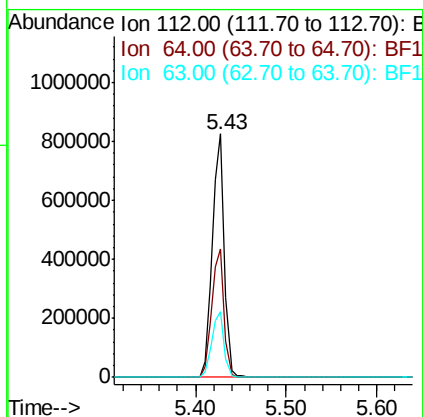
BNA_F

ClientSampled :

PB130545BS

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#6

Aniline

Concen: 30.928 ng

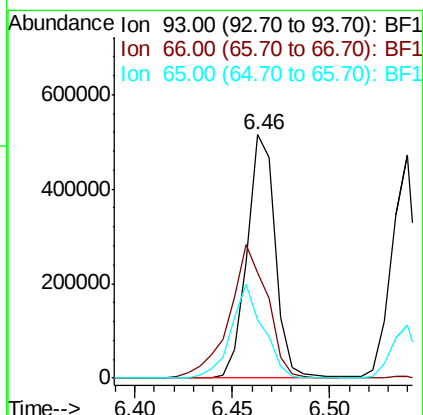
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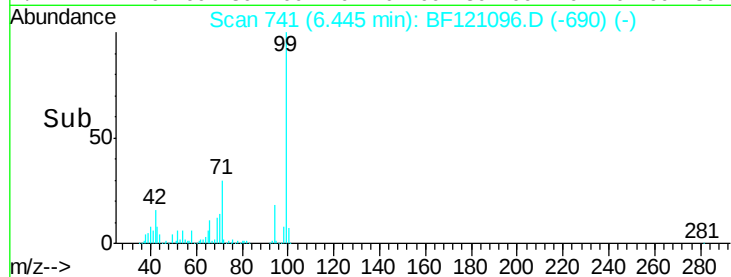
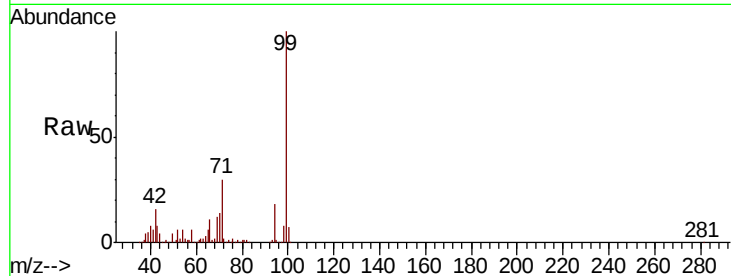
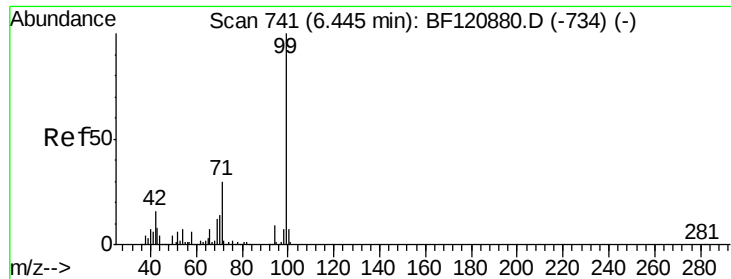
Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	93	Resp:	517285
Ion Ratio	Lower	Upper	
93	100		
66	43.1	31.0	46.4
65	24.1	16.2	24.4





#7

Phenol-d6

Concen: 72.627 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tot Ion:	99	Resp:	930593
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	30.0	25.0	37.4

Instrument :

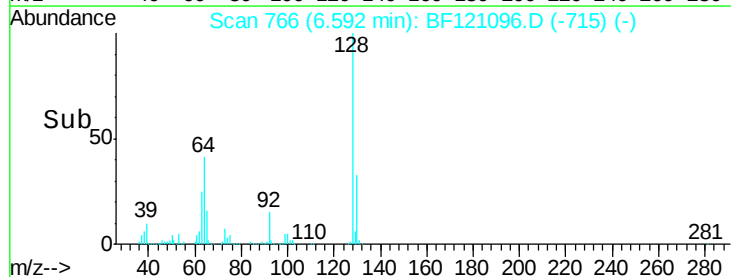
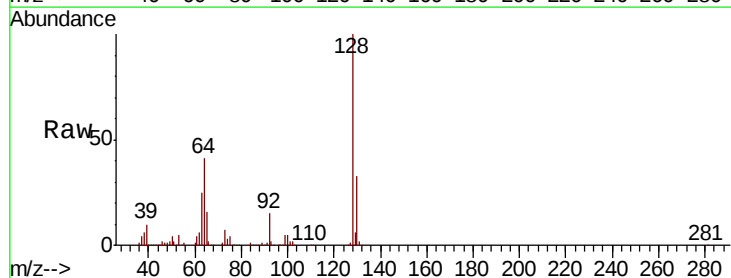
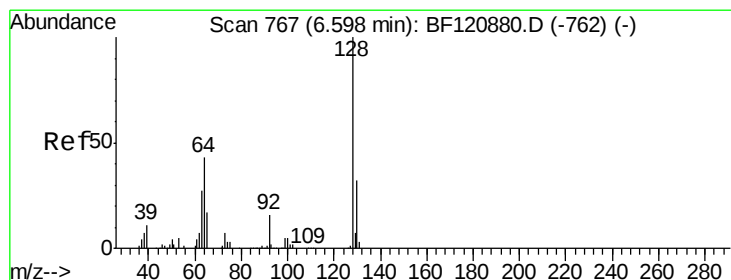
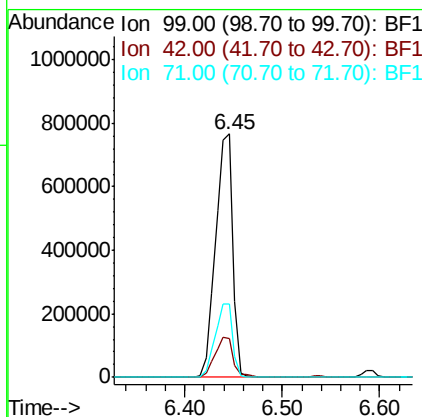
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 39.603 ng

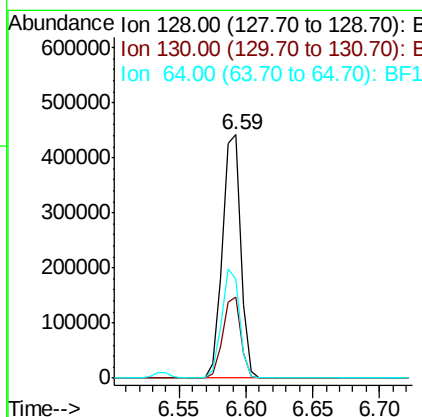
RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	128	Resp:	432758
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.7	52.7
64	40.7	23.8	63.8





#9

Benzaldehyde

Concen: 49.351 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

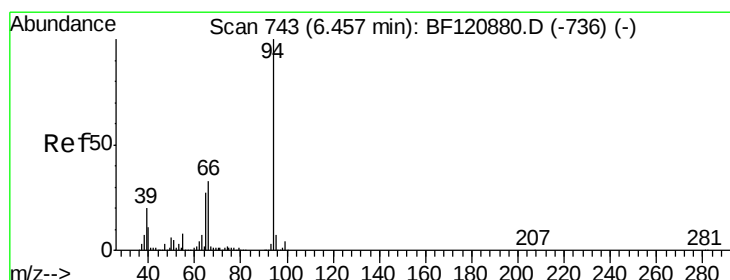
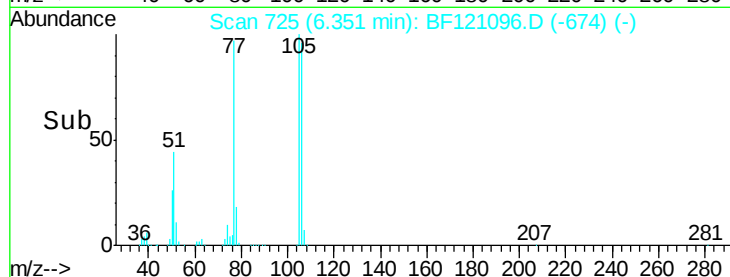
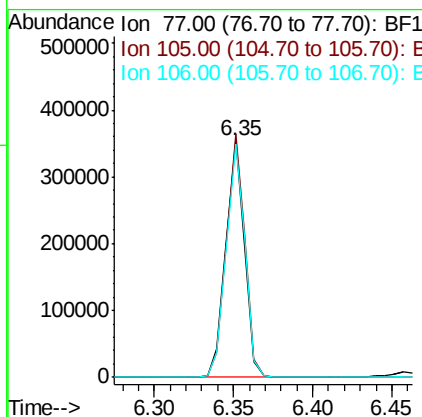
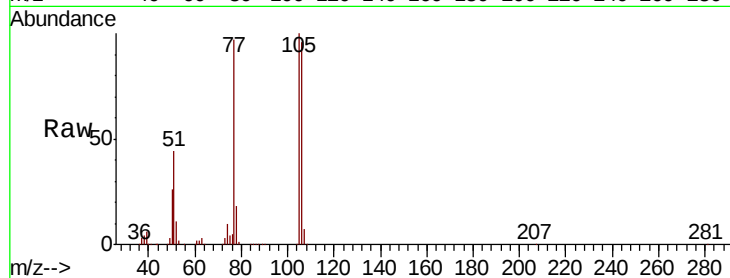
ClientSampleID :

PB130545BS

Tot Ion:	77	Resp:	288141
Ion Ratio	Lower	Upper	
77	100		
105	102.7	82.4	122.4
106	98.5	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 36.363 ng

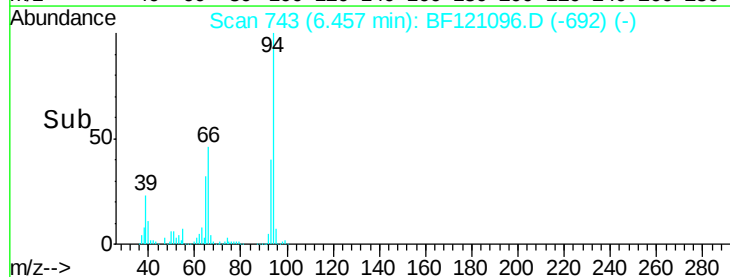
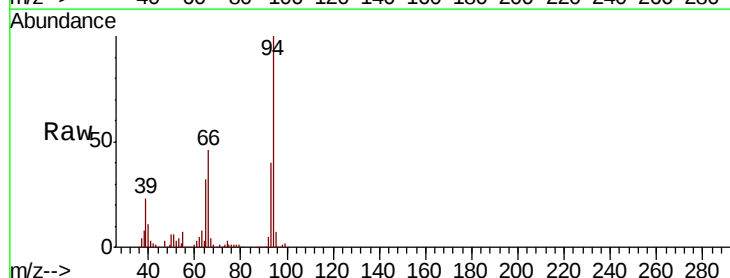
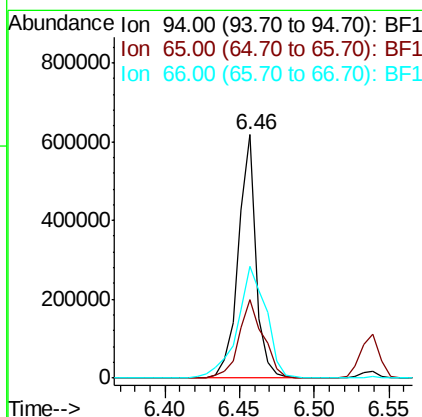
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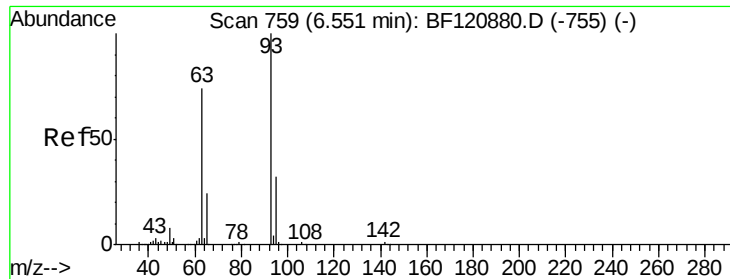
Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	94	Resp:	512537
Ion Ratio	Lower	Upper	
94	100		
65	32.3	12.6	52.6
66	45.7	25.6	65.6





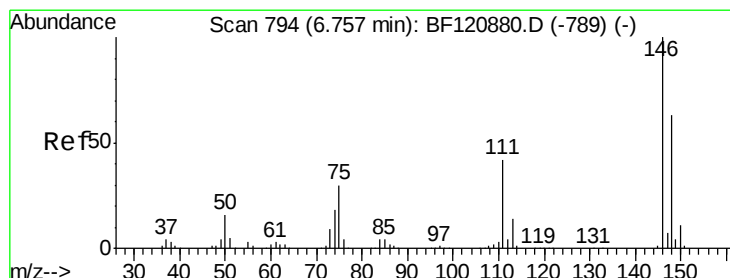
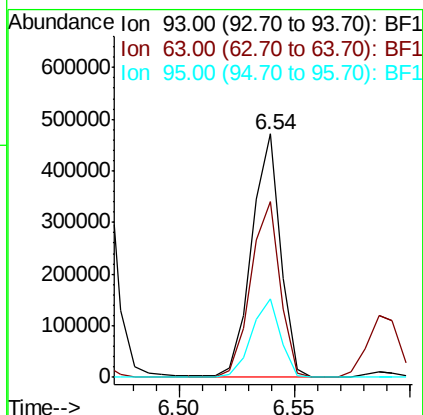
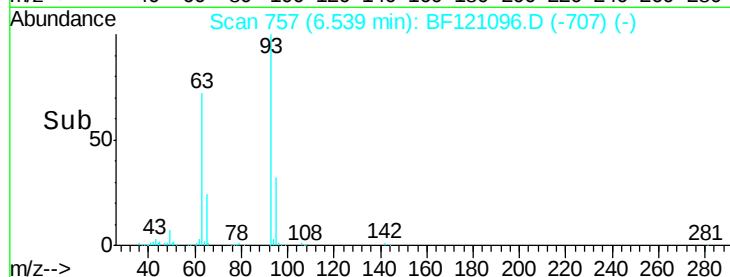
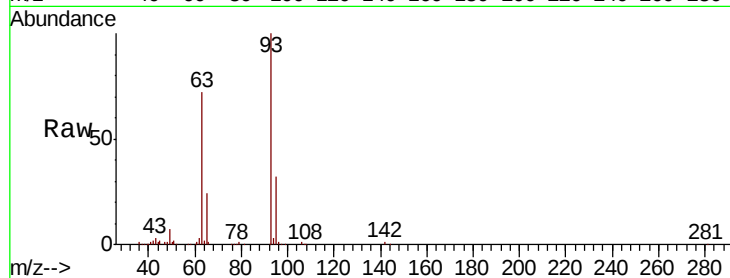
#11
bis(2-Chloroethyl)ether
Concen: 38.052 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	51.9	91.9
95	32.4	13.2	53.2

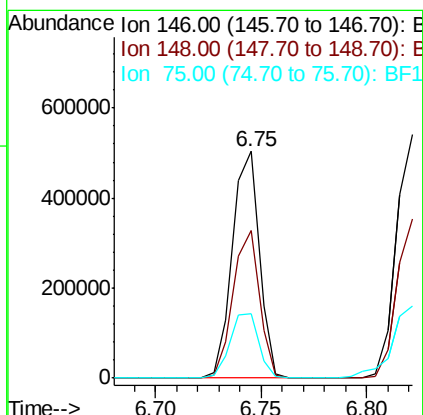
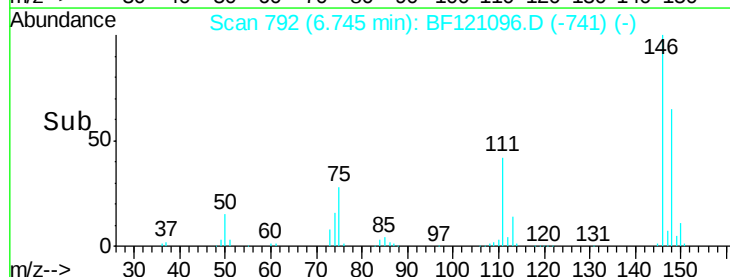
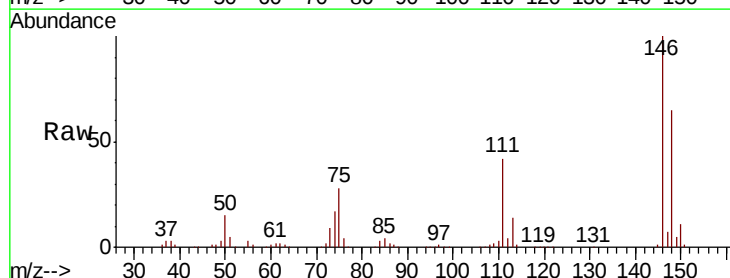
Manual Integrations
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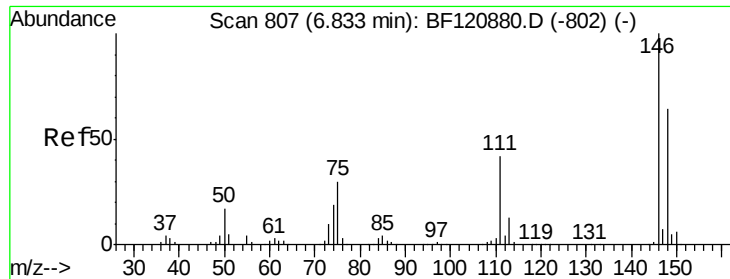
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.451 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.7	77.5
75	28.4	23.8	35.6





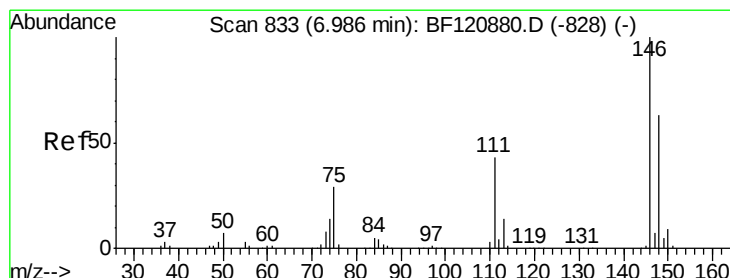
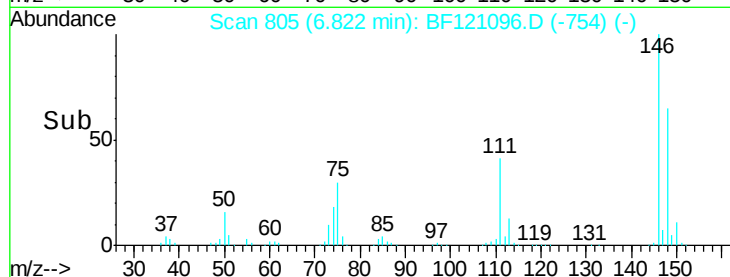
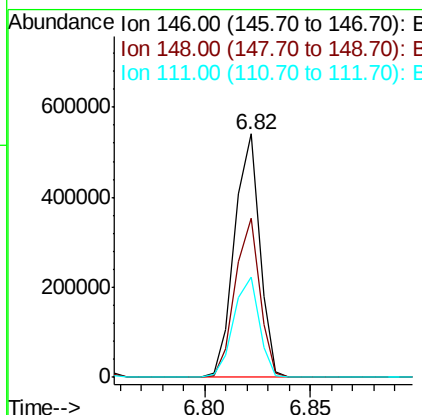
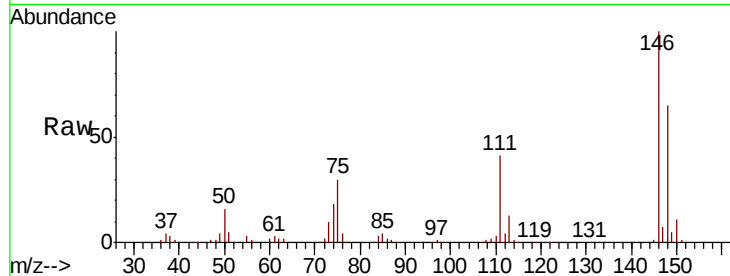
#13
 1,4-Dichlorobenzene
 Concen: 37.678 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.5	75.7
111	41.1	32.8	49.2

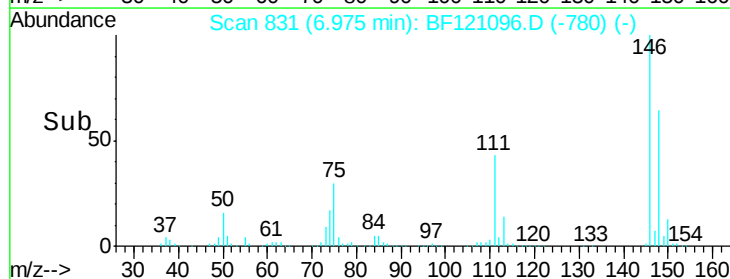
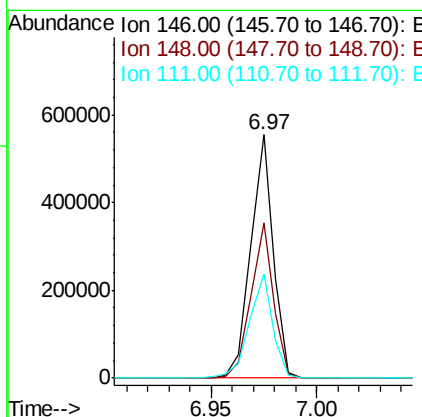
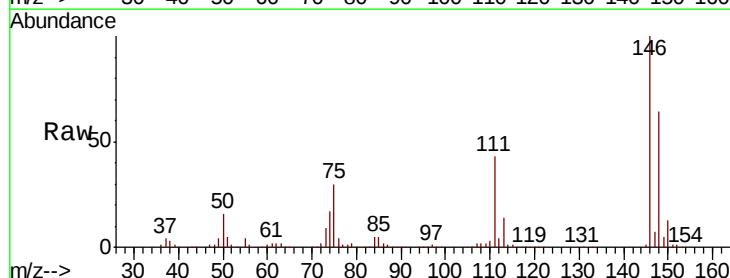
Manual Integrations
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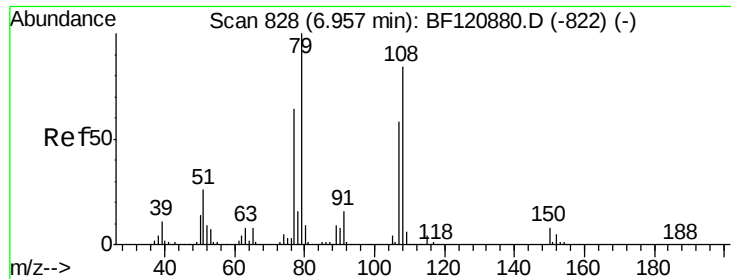
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.936 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	42.9	35.4	53.0





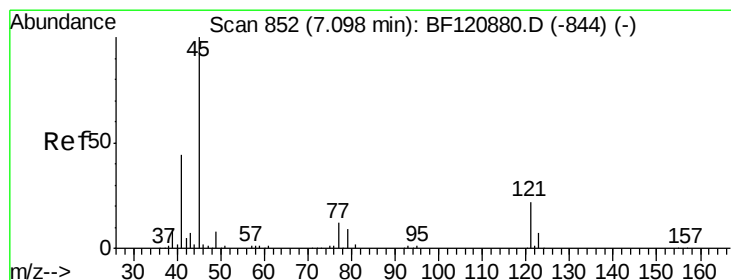
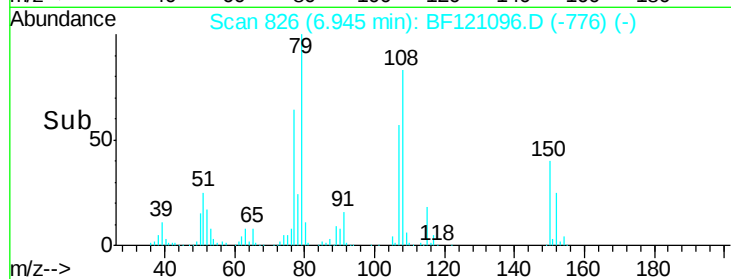
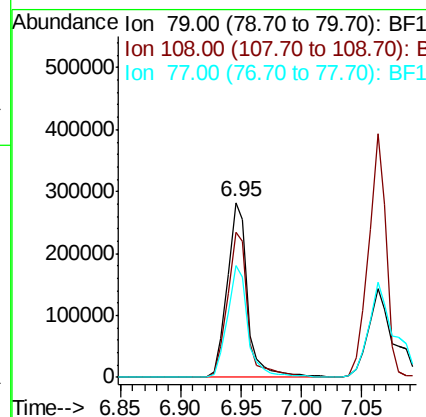
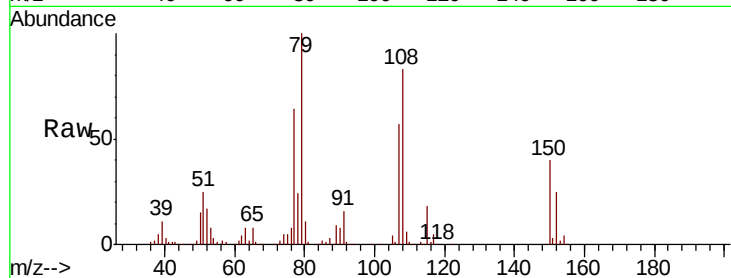
#15
Benzyl Alcohol
Concen: 36.261 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampled :
PB130545BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	68.6	103.0
77	63.7	51.4	77.2

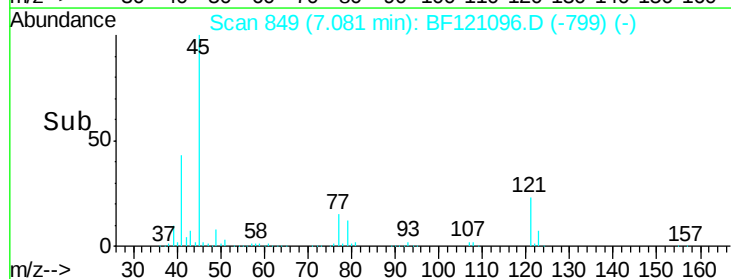
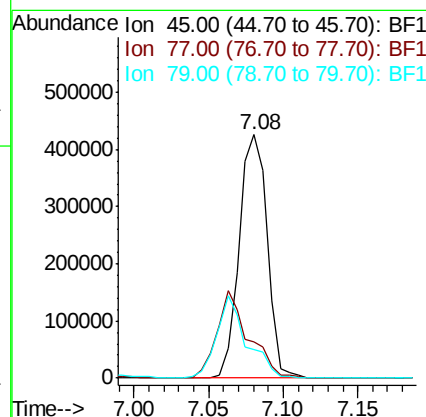
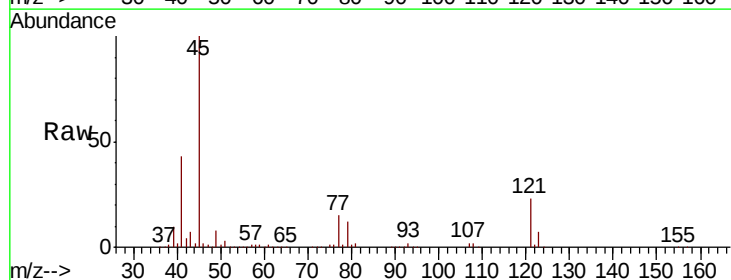
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.934 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.7
79	11.6	0.0	32.0





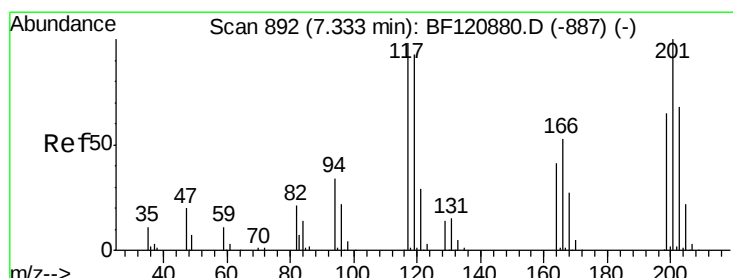
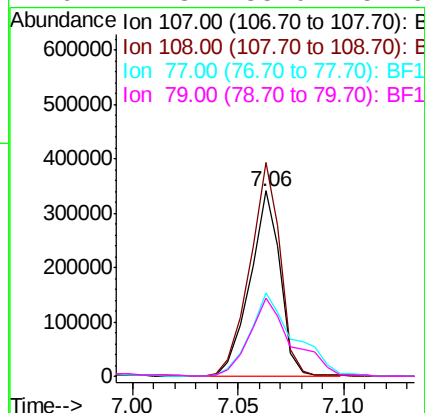
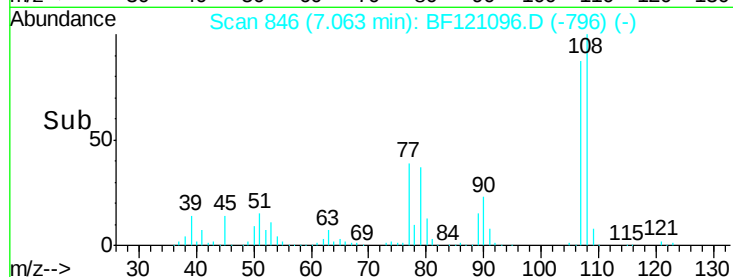
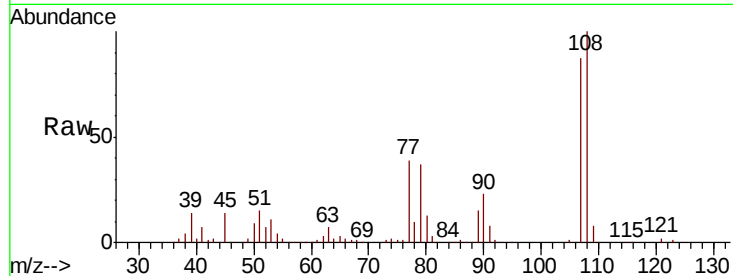
#17
2-Methylphenol
Concen: 34.941 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	338418		
108	108.00	115.4	91.2	136.8	
77	77.00	45.0	36.5	54.7	
79	79.00	42.3	35.0	52.6	

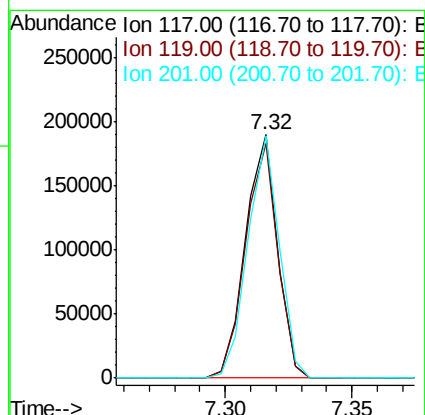
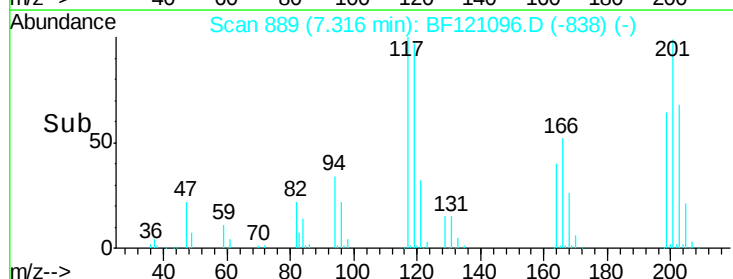
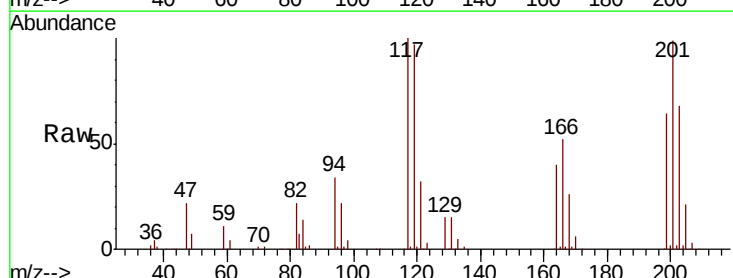
Manual Integrations
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#18
Hexachloroethane
Concen: 39.089 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	166698		
119	119.00	96.5	76.6	114.8	
201	201.00	99.4	75.0	112.4	





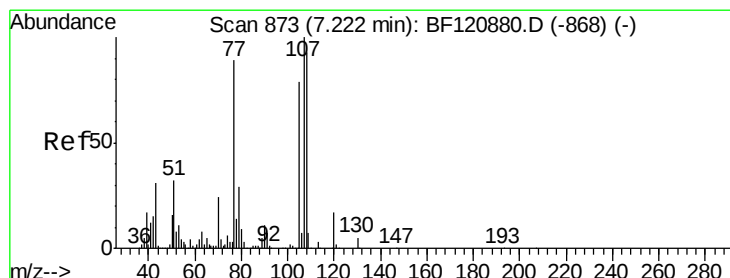
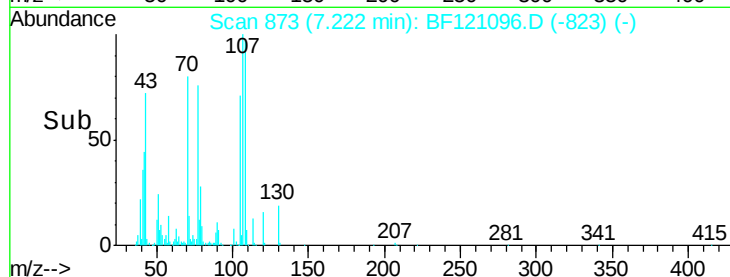
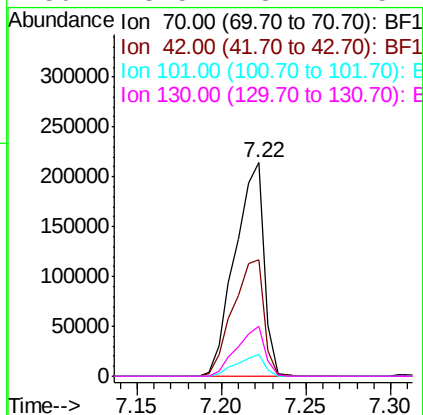
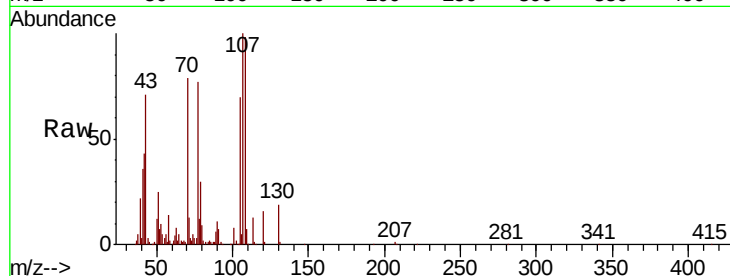
#19
n-Nitroso-di-n-propylamine
Concen: 35.413 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	43.3	64.9	
101	10.0	8.4	12.6	
130	23.5	18.7	28.1	

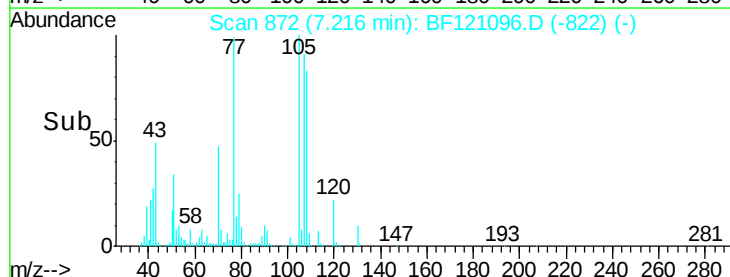
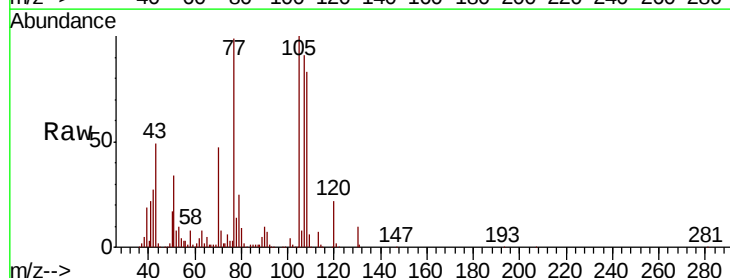
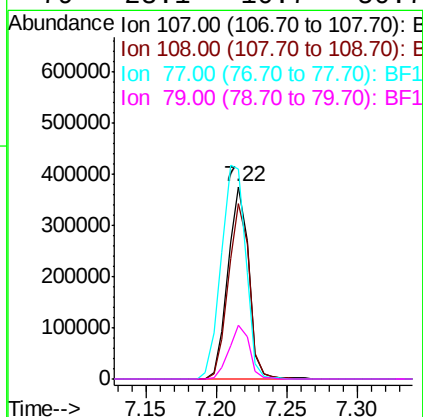
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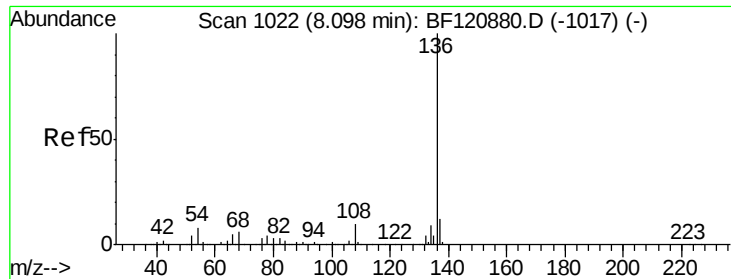
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#20
3+4-Methylphenols
Concen: 31.313 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	73.7	113.7	
77	108.8	84.9	124.9	
79	28.1	10.7	50.7	





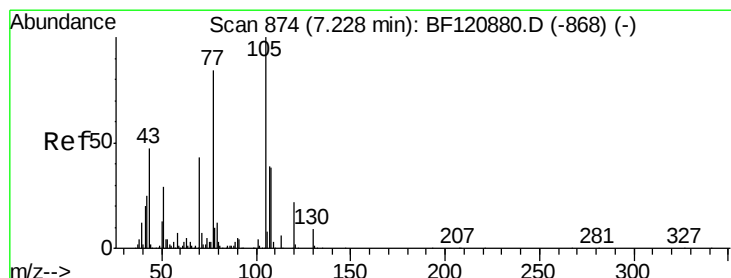
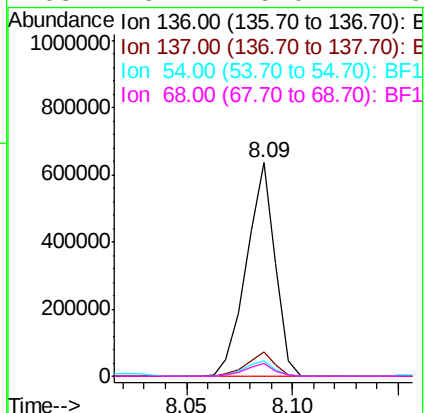
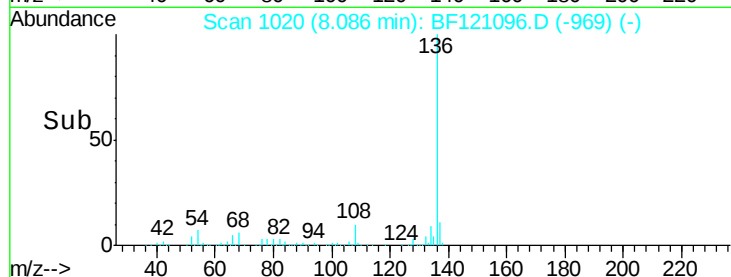
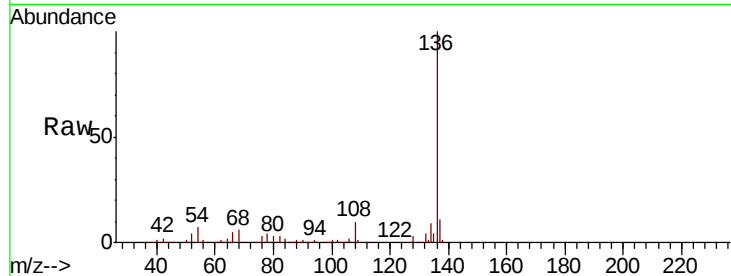
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		596313		
137	11.1		9.0	13.4	
54	7.3		6.1	9.1	
68	5.7		5.0	7.6	

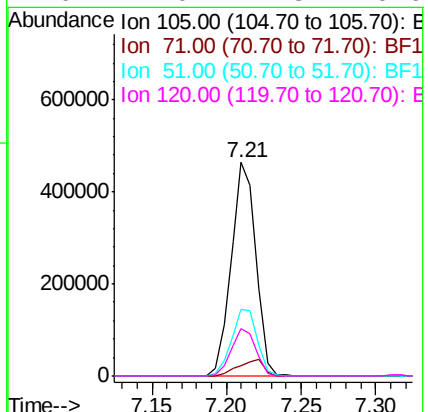
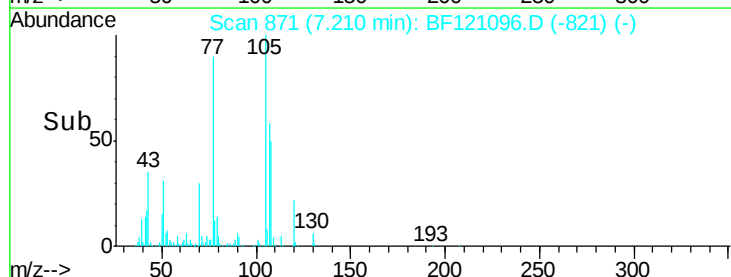
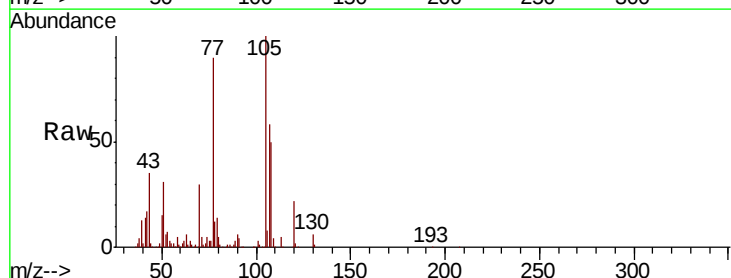
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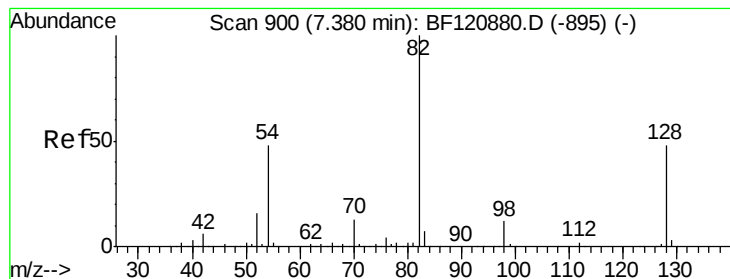
mohammad
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#22
Acetophenone
Concen: 40.172 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		537619		
71	4.9		3.8	5.8	
51	31.1		28.0	42.0	
120	22.0		17.8	26.6	





#23

Nitrobenzene-d5

Concen: 83.398 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

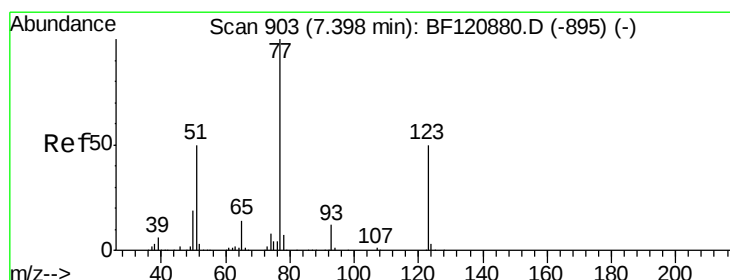
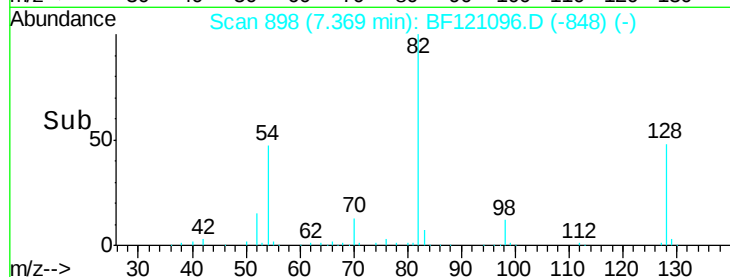
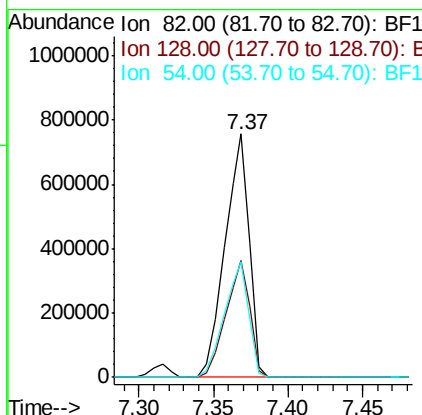
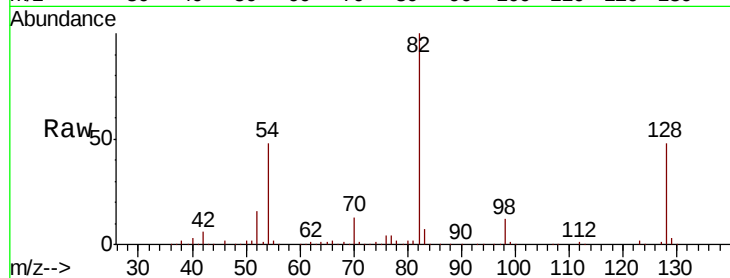
ClientSampleID :

PB130545BS

Tot Ion:	82	Resp:	859466
Ion Ratio	Lower	Upper	
82	100		
128	48.1	39.2	58.8
54	47.5	37.8	56.8

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#24

Nitrobenzene

Concen: 38.312 ng

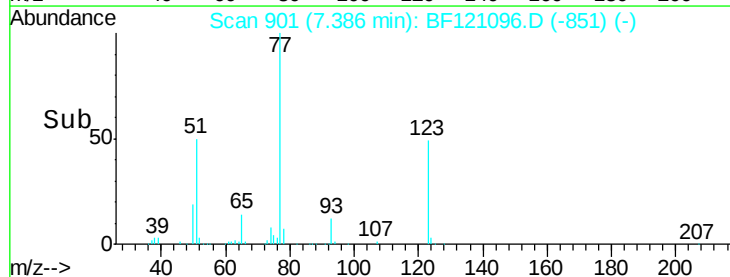
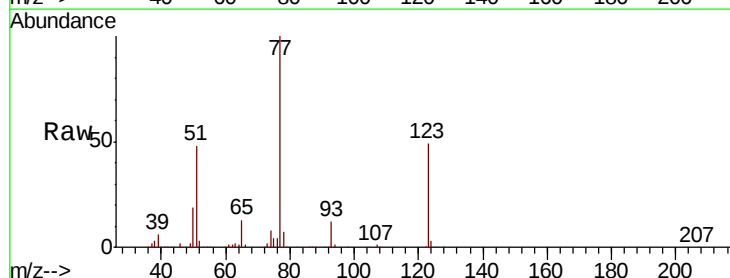
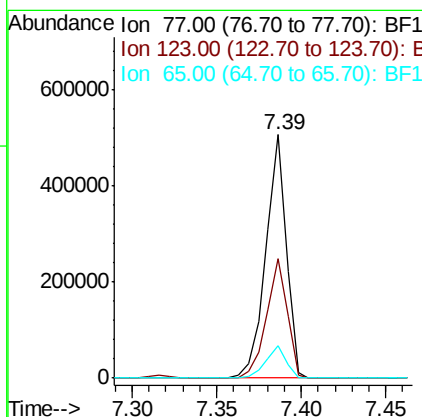
RT: 7.39 min Scan# 901

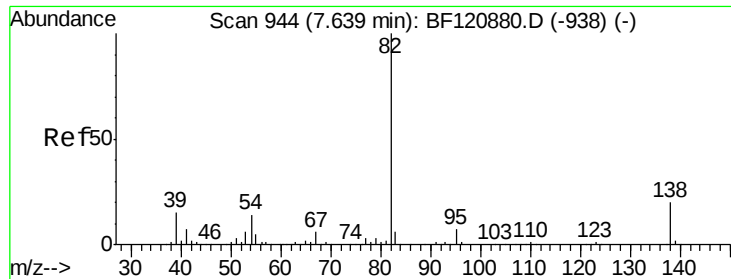
Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	77	Resp:	425543
Ion Ratio	Lower	Upper	
77	100		
123	49.3	41.0	61.6
65	13.2	10.3	15.5





#25

Isophorone

Concen: 37.949 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

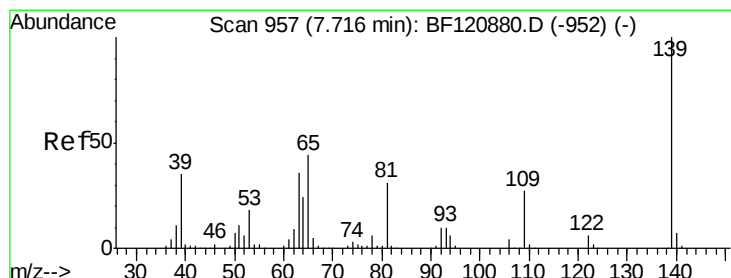
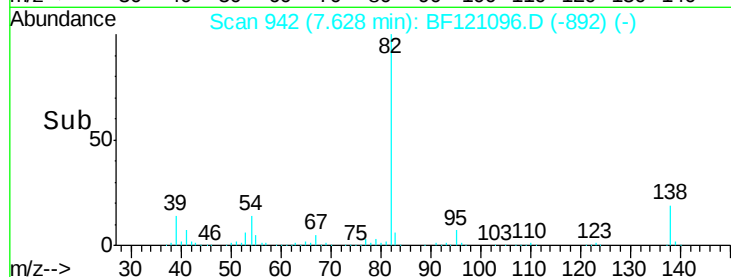
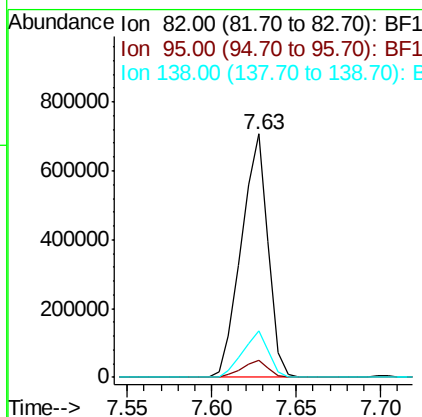
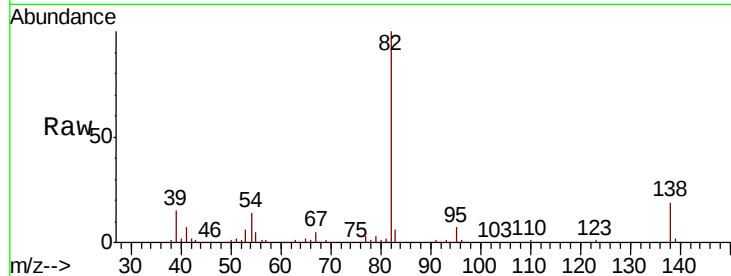
ClientSampleId :

PB130545BS

Tot Ion:	82	Resp:	780519
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	19.0	16.2	24.2

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#26

2-Nitrophenol

Concen: 43.718 ng

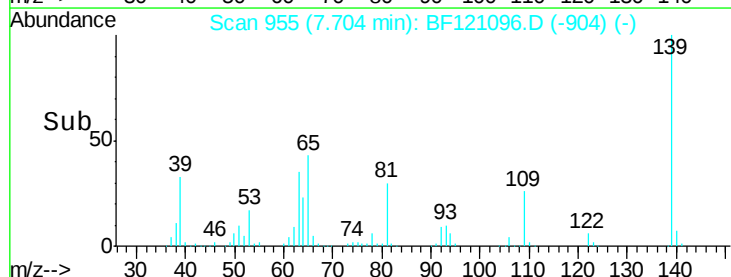
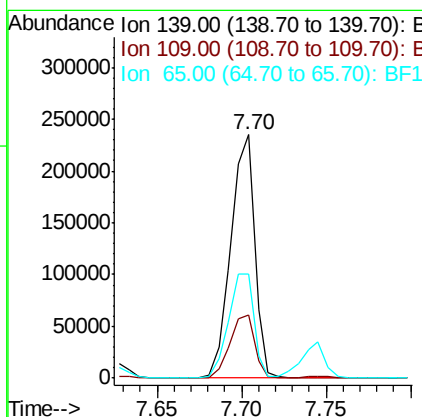
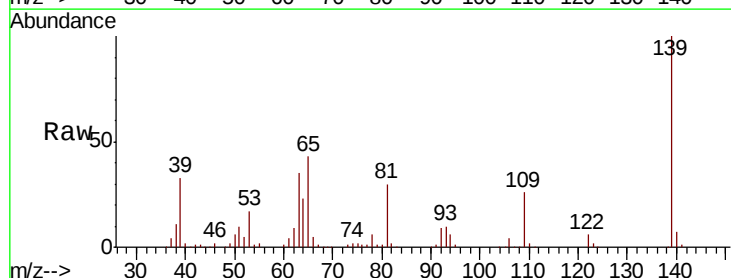
RT: 7.70 min Scan# 955

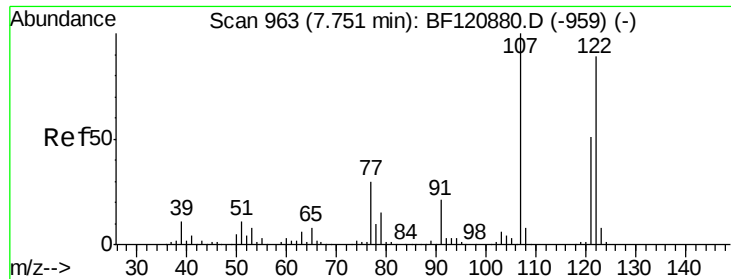
Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	139	Resp:	230626
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.7	32.5
65	42.8	36.3	54.5





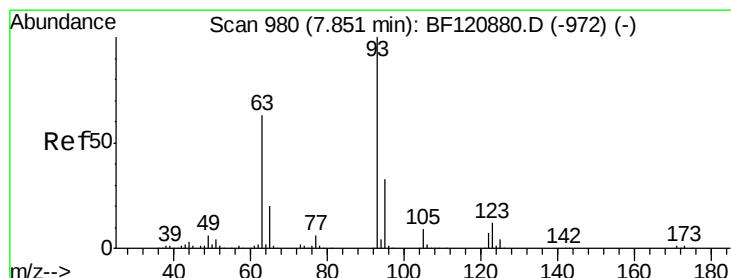
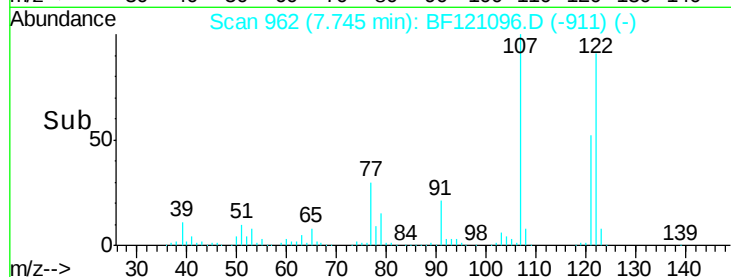
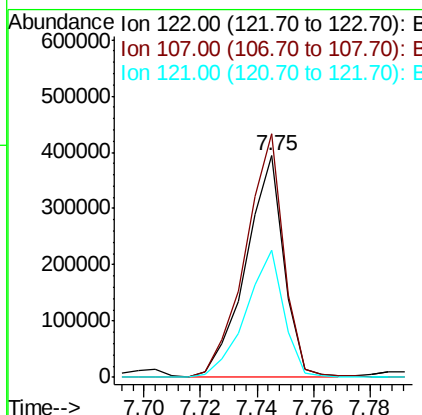
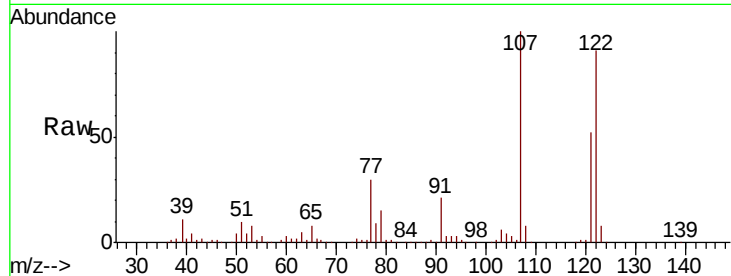
#27
2,4-Dimethylphenol
Concen: 43.213 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	87.1	130.7
121	57.5	45.5	68.3

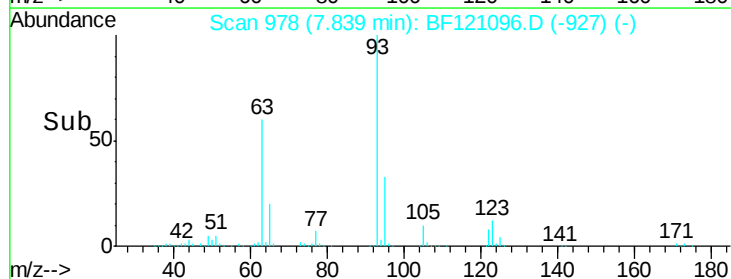
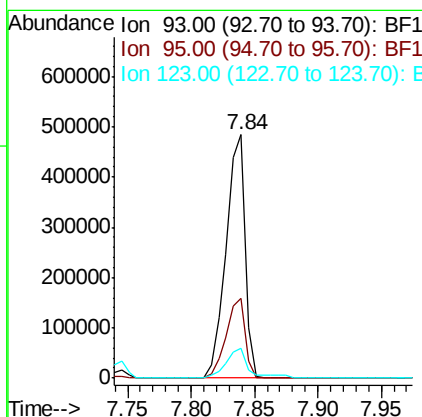
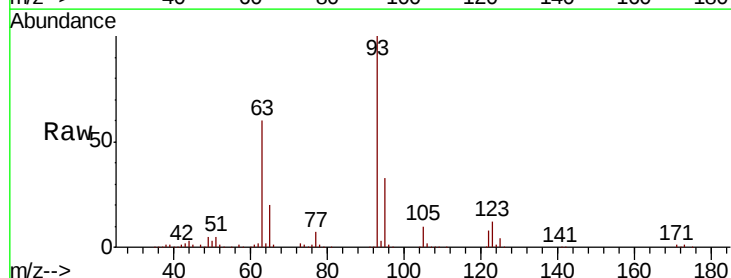
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#28
bis(2-Chloroethoxy)methane
Concen: 40.147 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.3	9.5	14.3





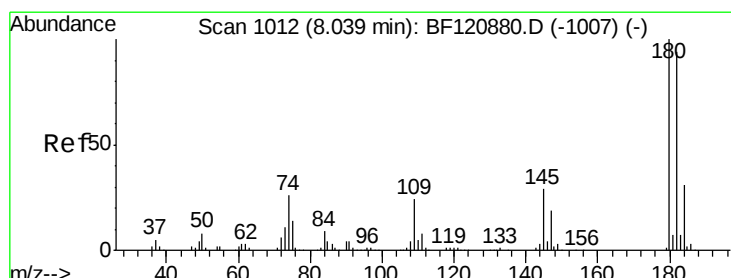
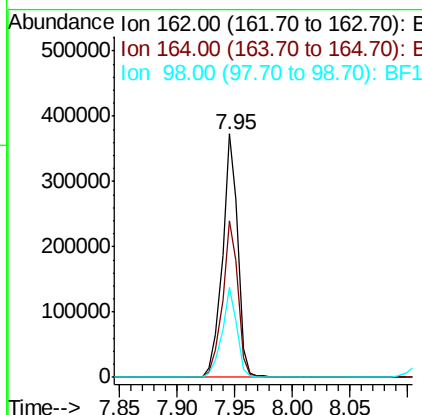
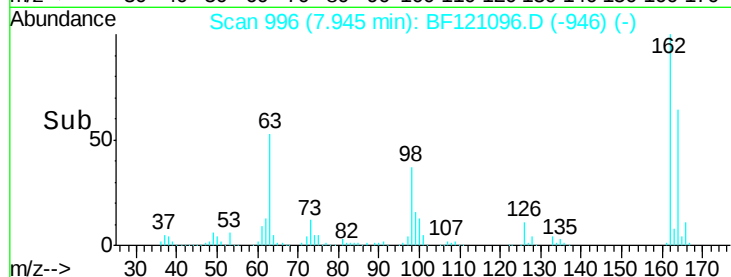
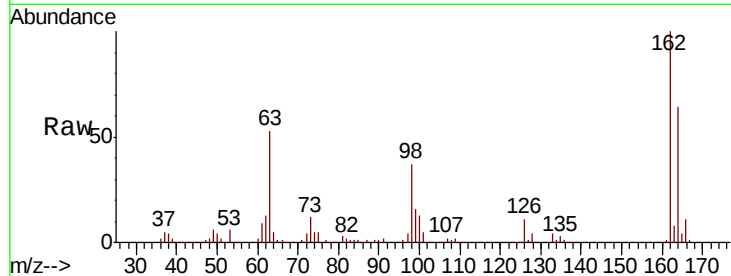
#29
2,4-Dichlorophenol
Concen: 39.432 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	44.7	84.7
98	36.8	14.2	54.2

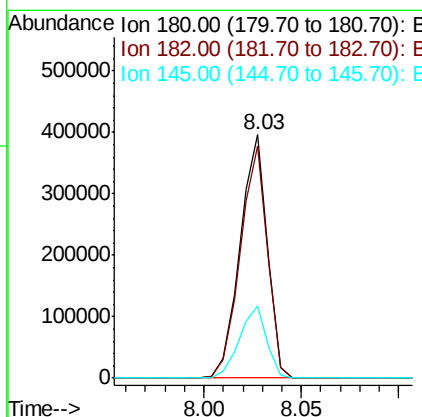
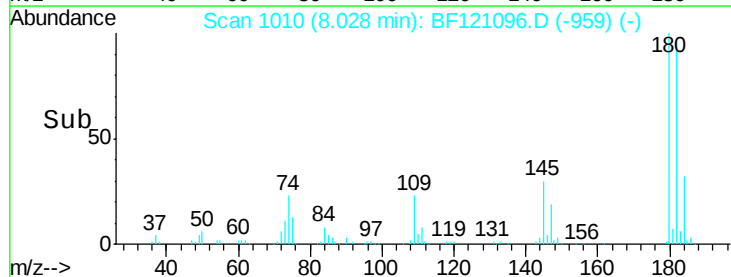
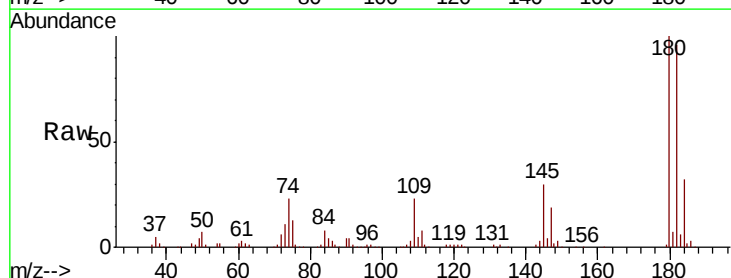
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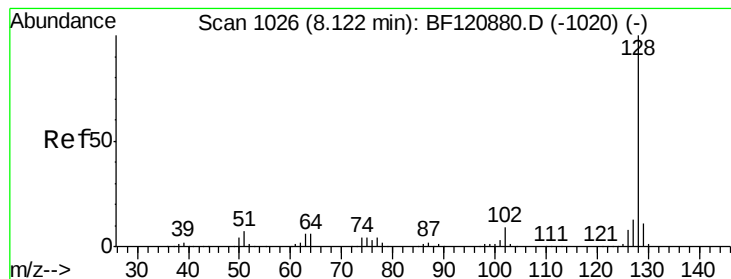
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#30
1,2,4-Trichlorobenzene
Concen: 39.232 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	76.4	114.6
145	29.7	24.2	36.4





#31

Naphthalene

Concen: 39.010 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:128 Resp: 1193249

Ion Ratio Lower Upper

128 100

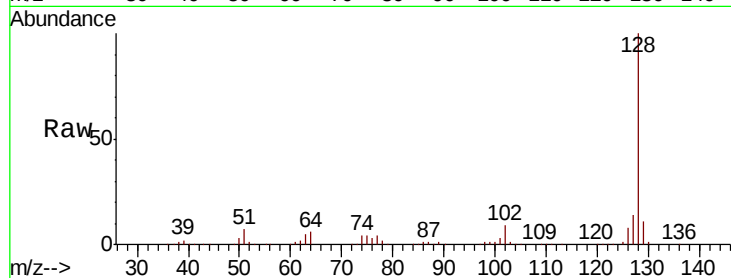
129 11.3 9.3 13.9

127 13.5 10.8 16.2

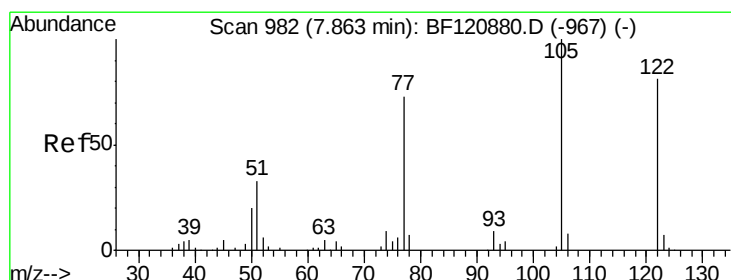
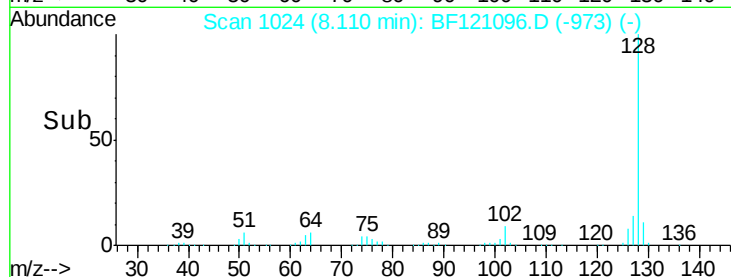
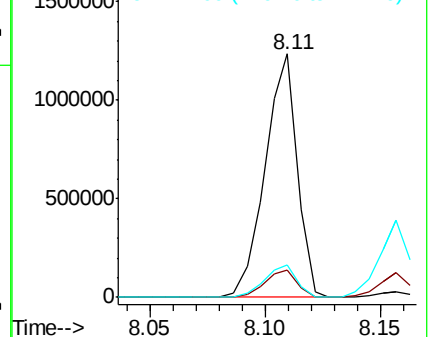
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.979 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

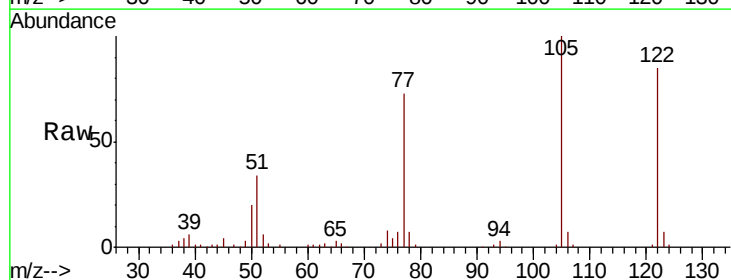
Tgt Ion:122 Resp: 237753

Ion Ratio Lower Upper

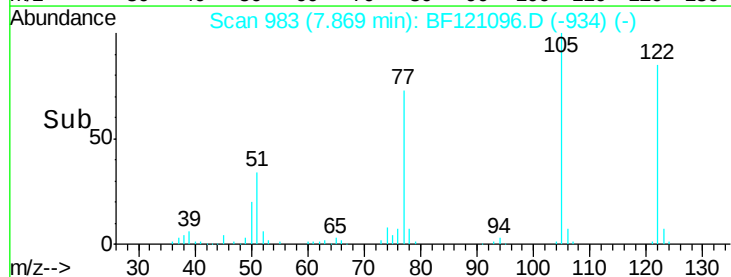
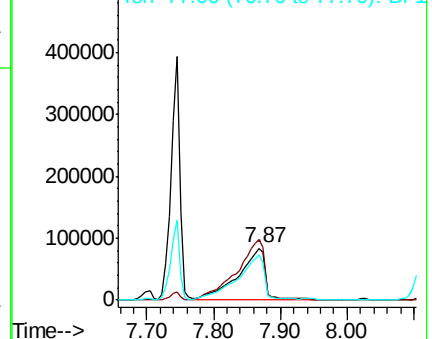
122 100

105 117.3 100.9 140.9

77 86.1 67.8 107.8



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





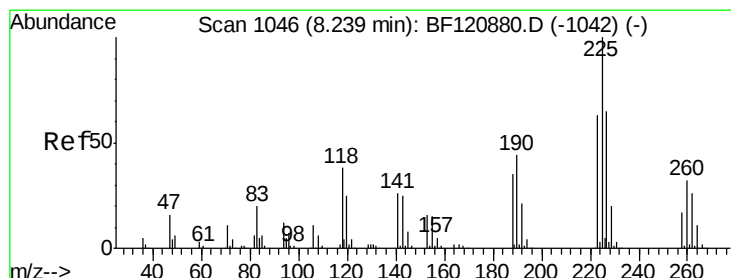
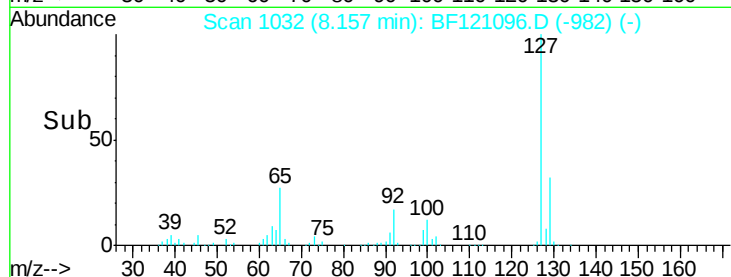
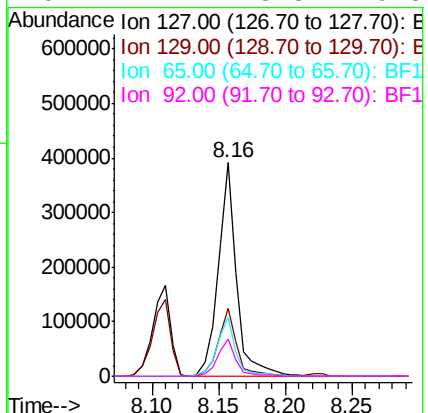
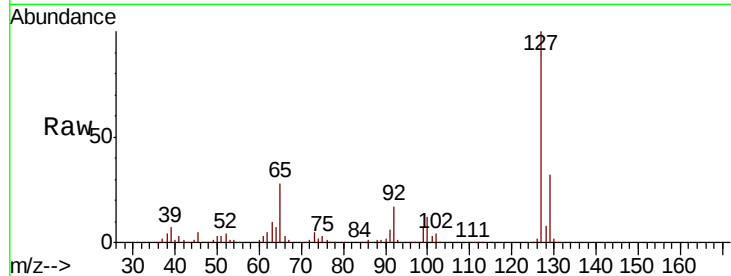
#33
4-Chloroaniline
Concen: 27.630 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	27.6	21.4	32.0		
92	17.4	13.8	20.8		

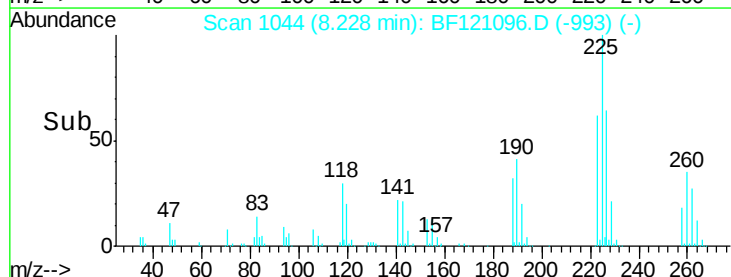
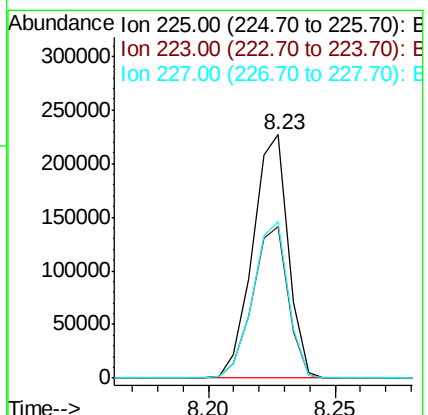
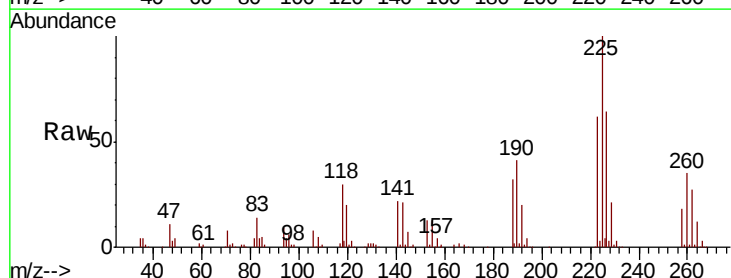
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#34
Hexachlorobutadiene
Concen: 38.629 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.7	74.5		
227	64.2	51.4	77.0		





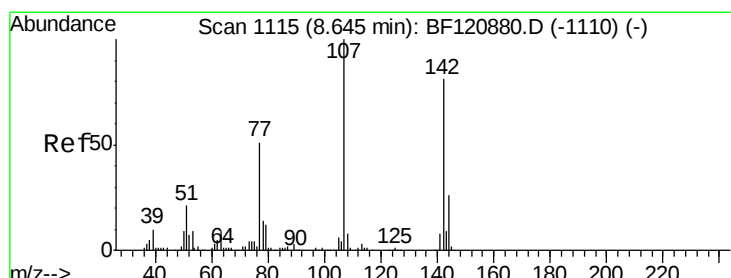
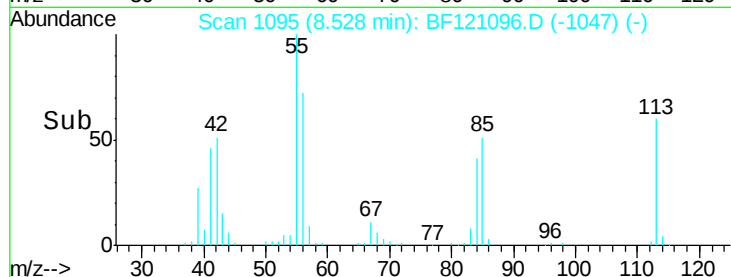
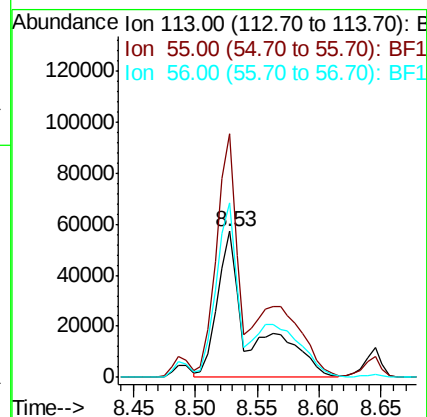
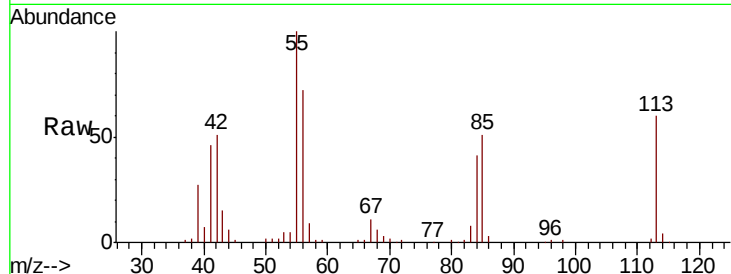
#35
 Caprolactam
 Concen: 38.672 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.0	131.0	171.0
56	119.6	90.4	130.4

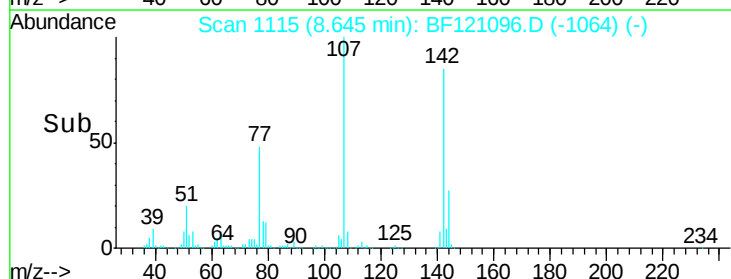
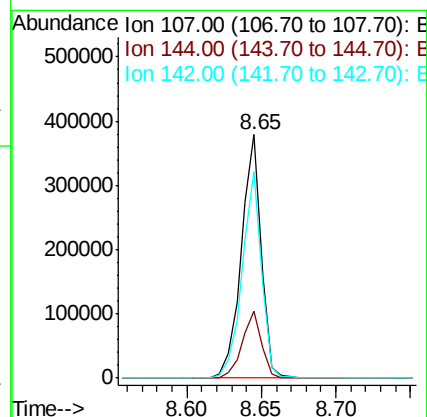
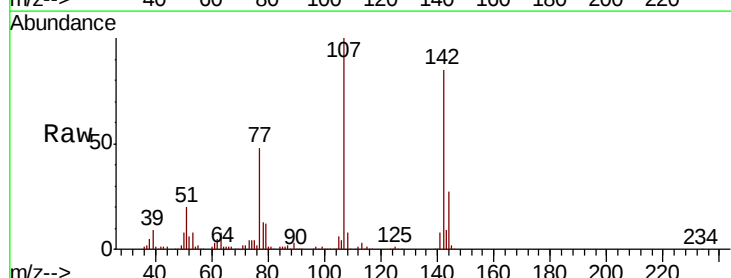
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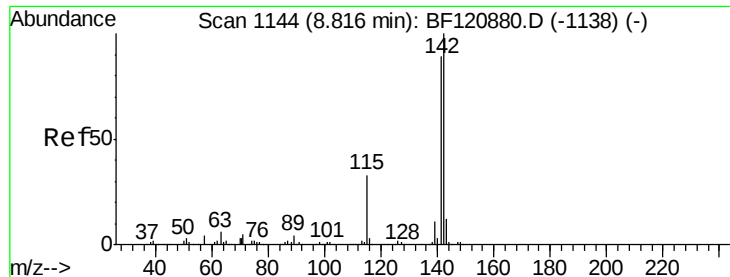
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#36
 4-Chloro-3-methylphenol
 Concen: 39.495 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.9	31.3
142	84.6	64.5	96.7





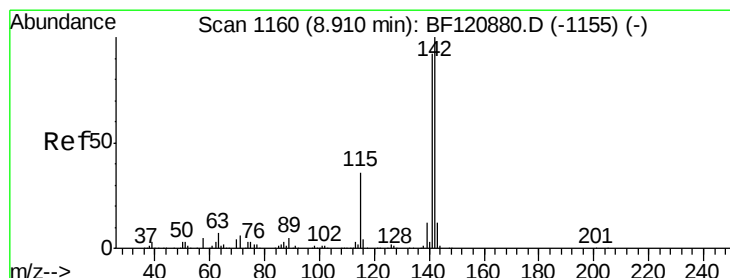
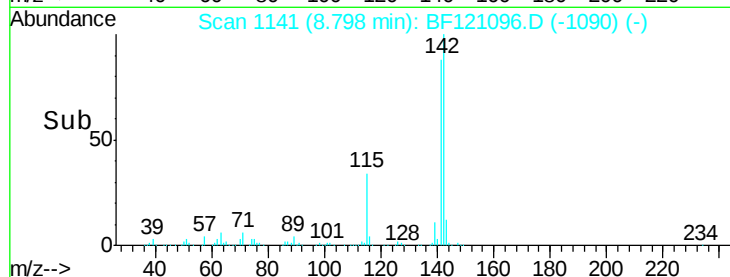
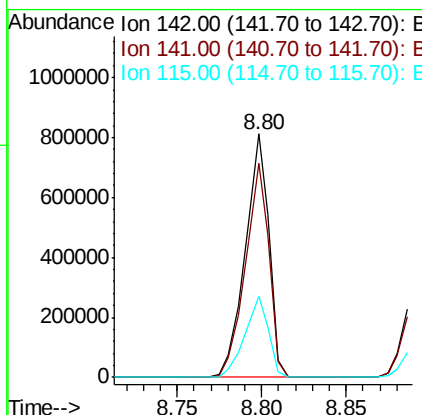
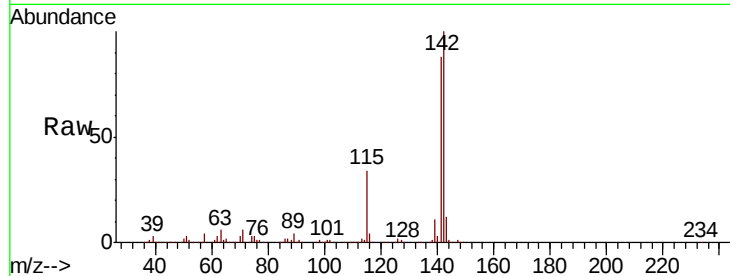
#37
2-Methylnaphthalene
Concen: 40.184 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampled :
PB130545BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	33.5	27.1	40.7

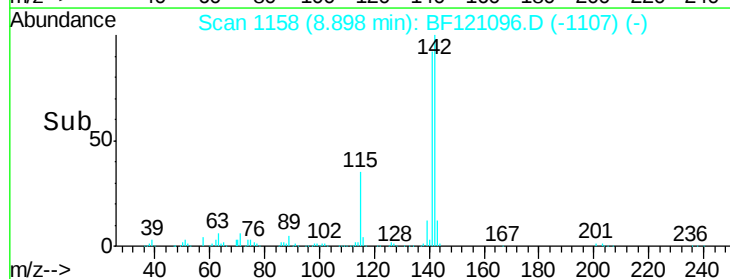
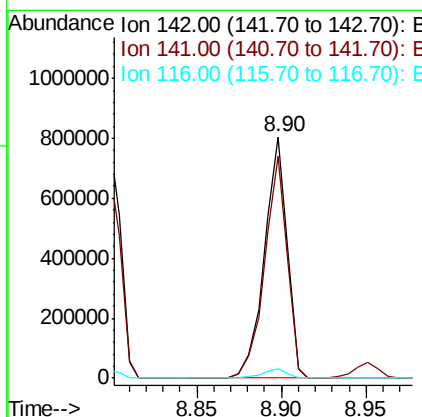
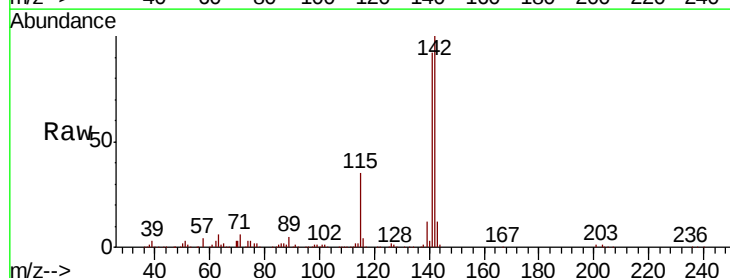
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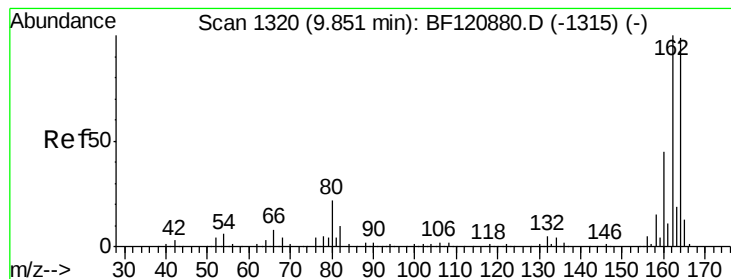
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#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

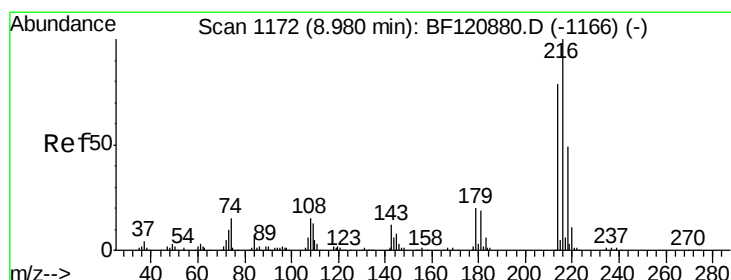
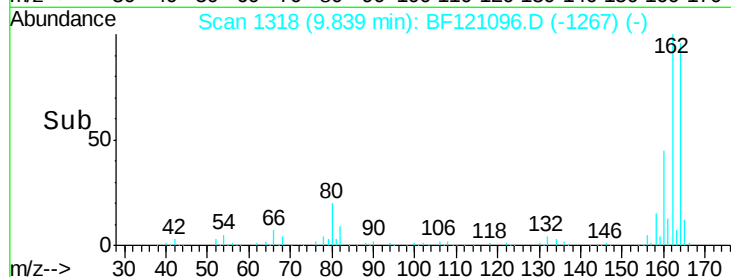
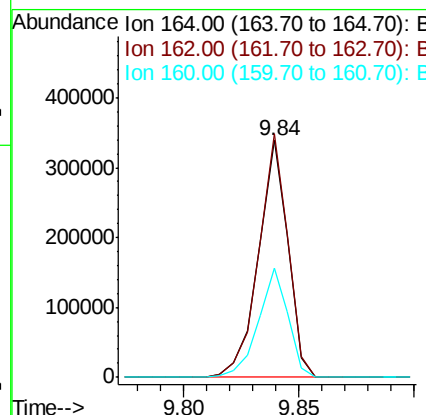
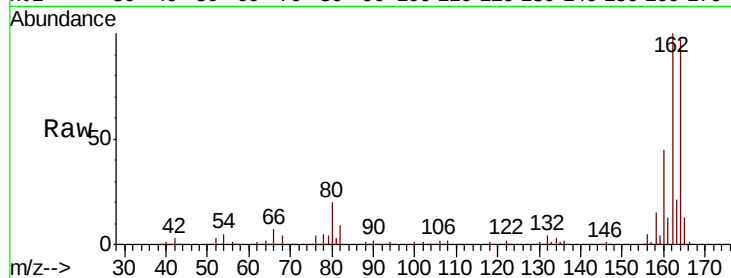
ClientSampleId :

PB130545BS

Tot Ion:	164	Resp:	303494
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.2	123.2
160	45.9	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.538 ng

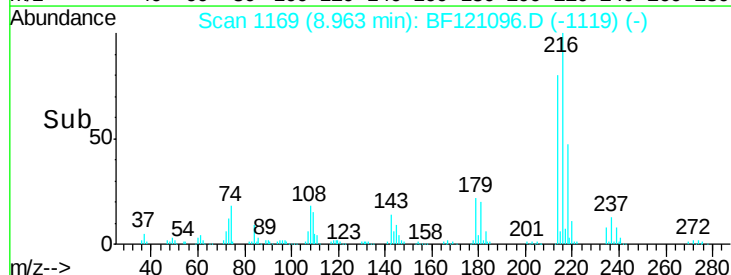
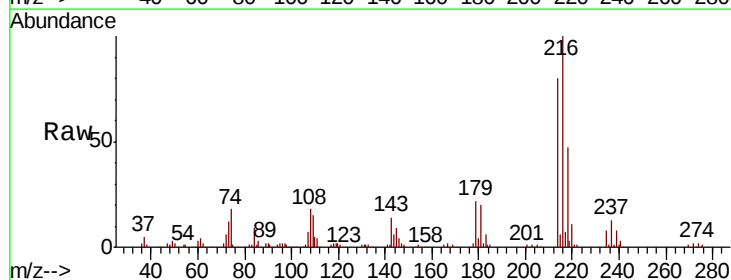
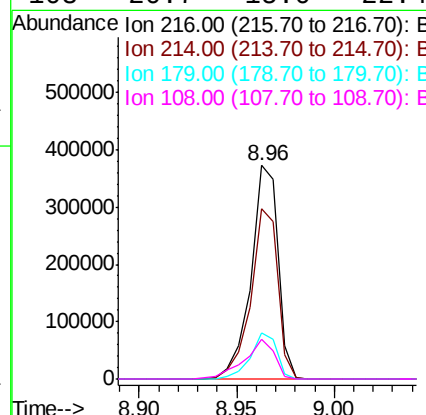
RT: 8.96 min Scan# 1169

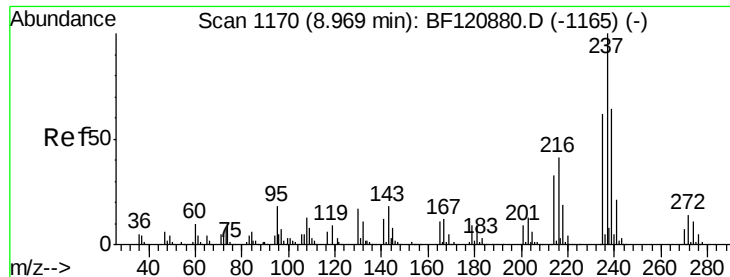
Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	216	Resp:	358460
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.9	95.9
179	20.7	16.6	24.8
108	20.7	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 86.679 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

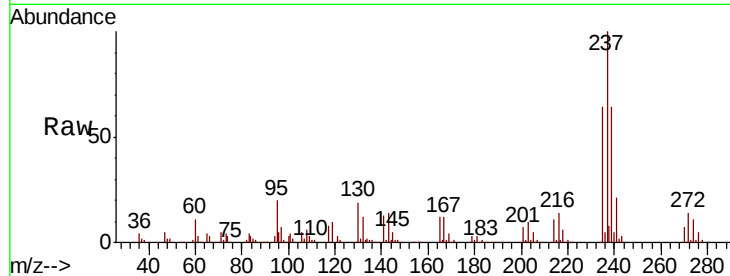
ClientSampled :

PB130545BS

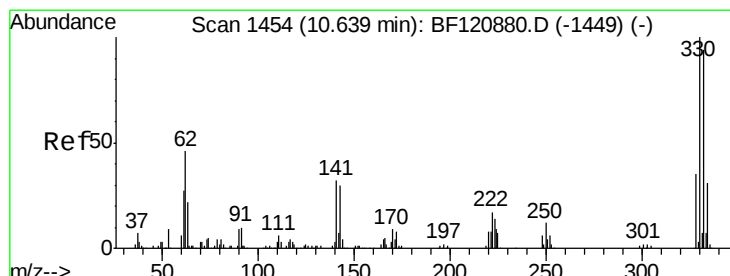
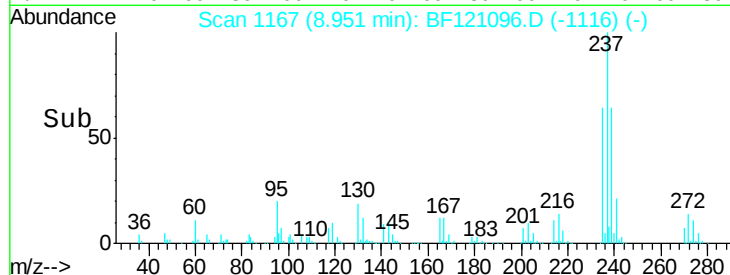
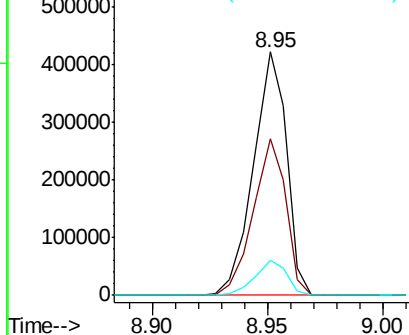
Tot Ion:	237	Resp:	423606
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.2	83.2
272	14.1	0.0	33.6

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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: 83.771 ng

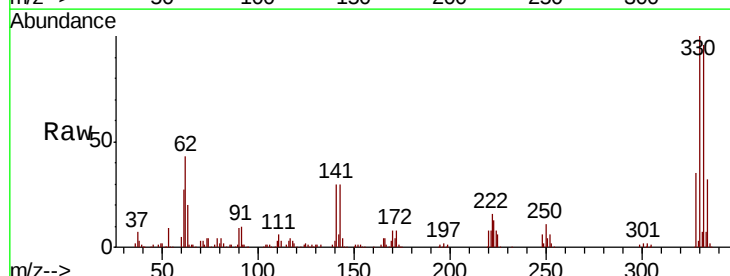
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

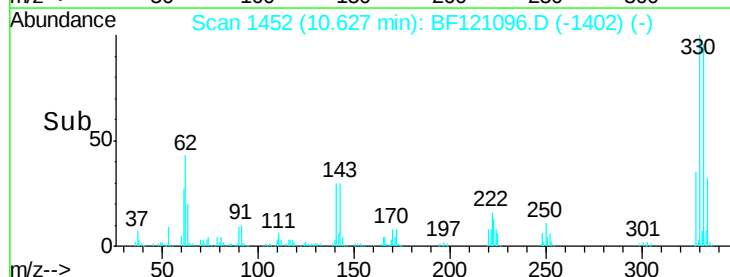
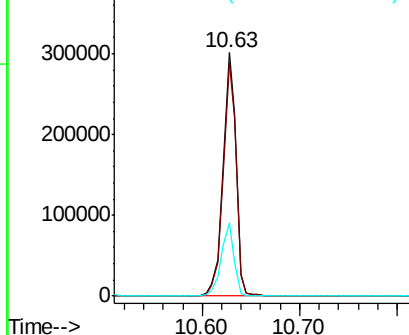
Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	330	Resp:	278290
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.1	114.1
141	30.0	24.1	36.1



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





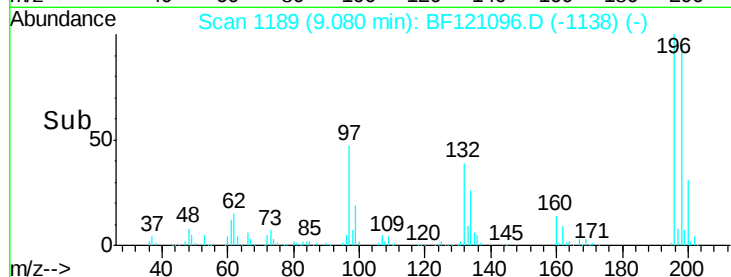
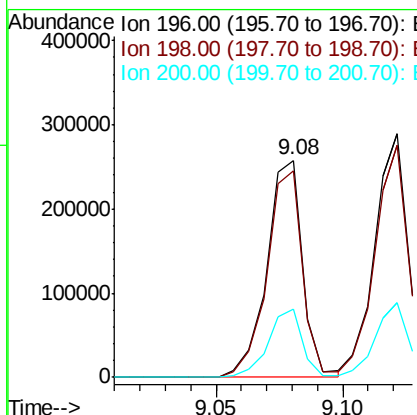
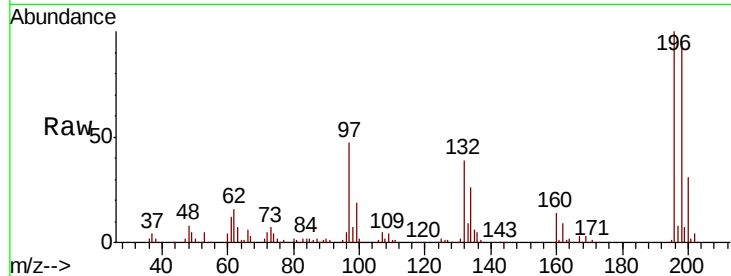
#43
 2,4,6-Trichlorophenol
 Concen: 41.102 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:	196	Resp:	255898
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.5	116.3
200	31.4	24.6	37.0

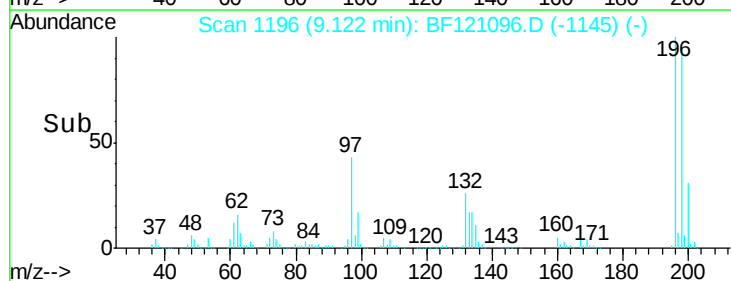
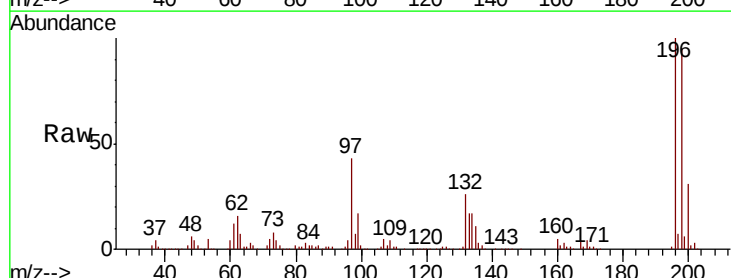
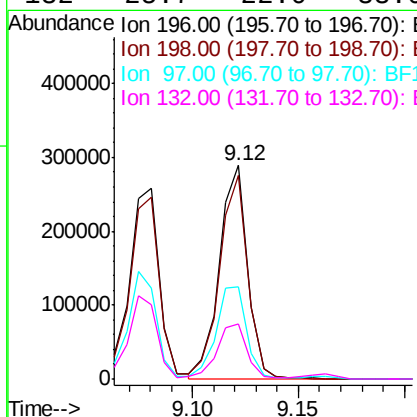
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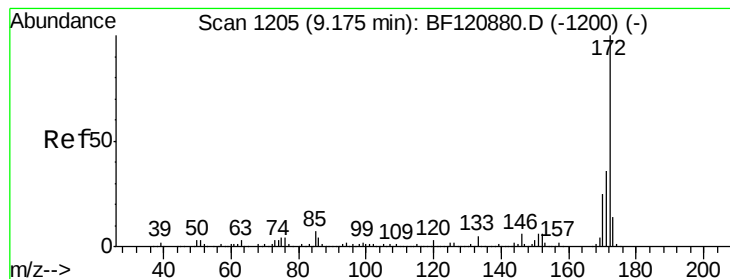
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#44
 2,4,5-Trichlorophenol
 Concen: 37.722 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:	196	Resp:	266402
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.4
97	42.9	37.3	55.9
132	25.7	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 75.291 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:172 Resp: 1530465

Ion Ratio Lower Upper

172 100

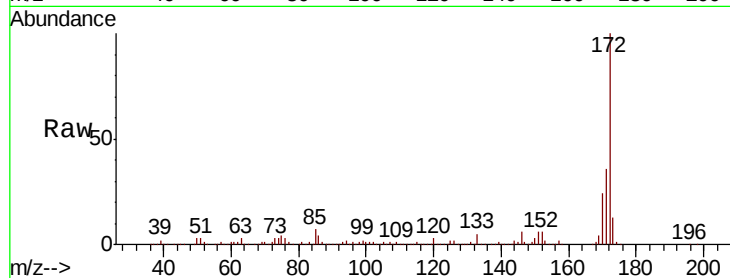
171 36.2 29.0 43.4

170 24.4 19.6 29.4

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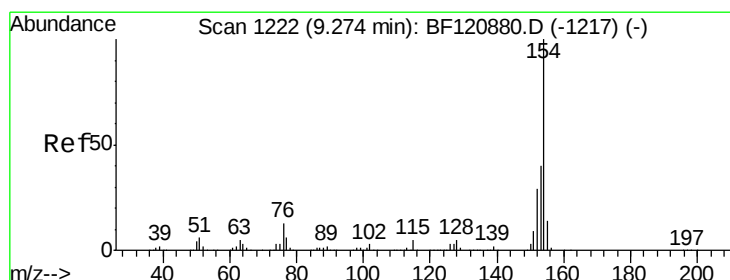
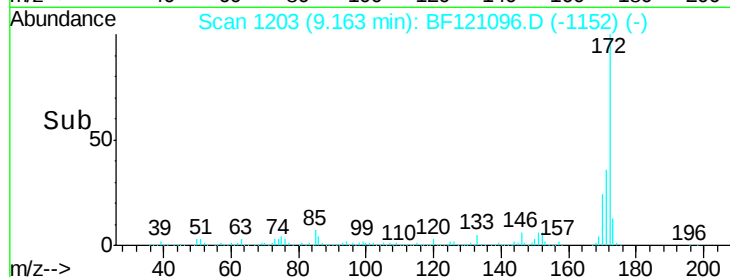
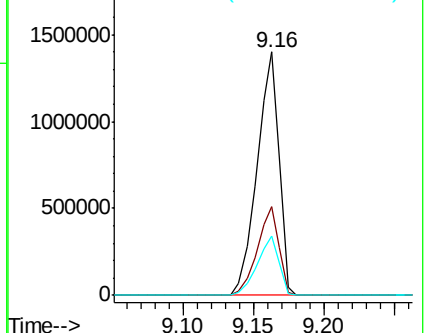
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.221 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

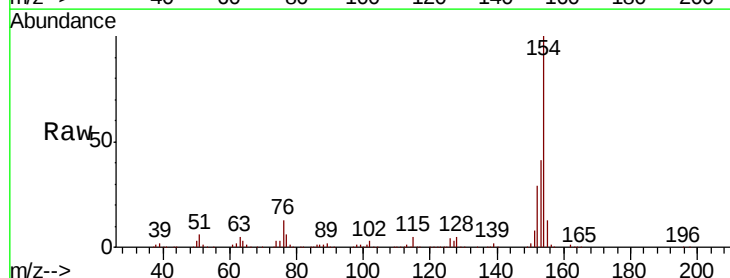
Tgt Ion:154 Resp: 954295

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

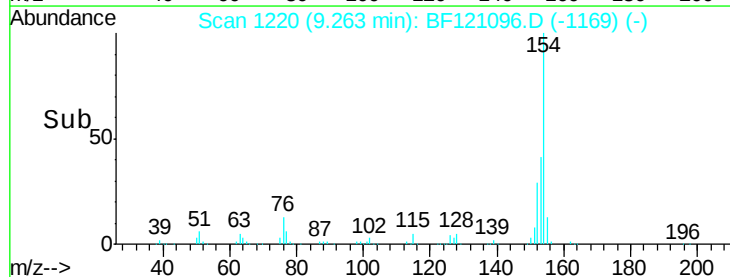
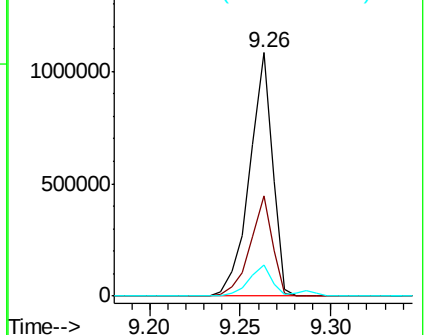
76 12.6 0.0 33.4

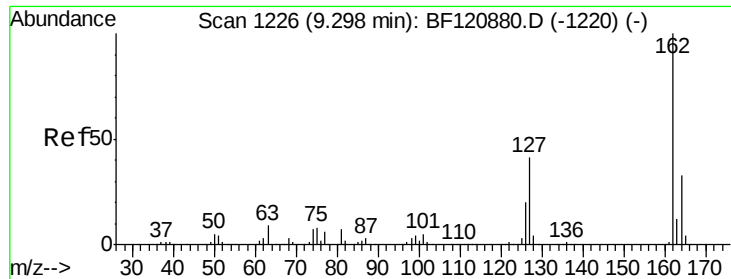


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





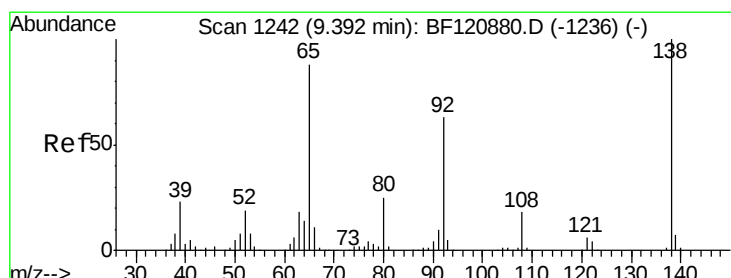
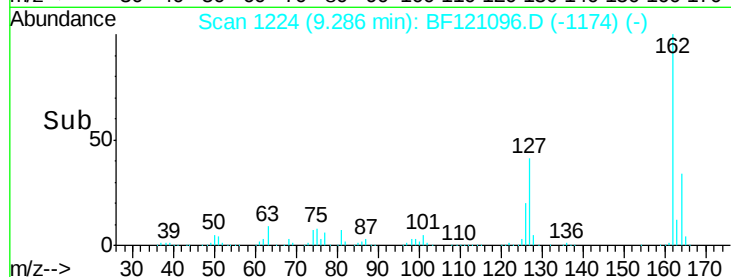
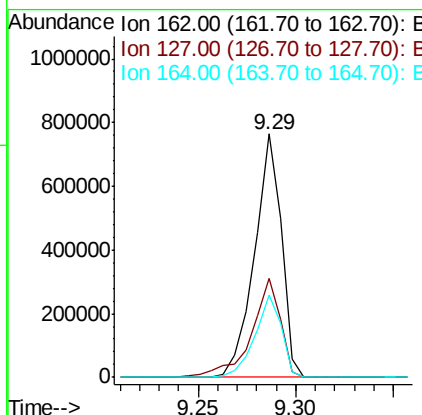
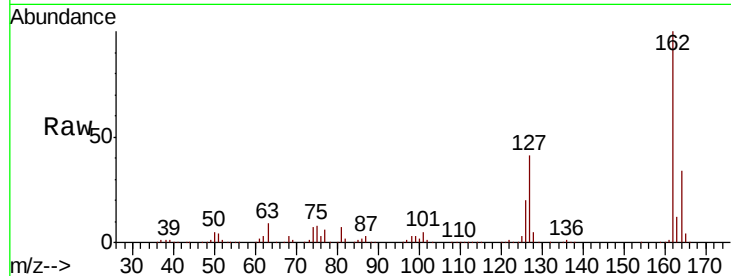
#47
 2-Chloronaphthalene
 Concen: 38.621 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	728954		
127	40.8		31.1	46.7
164	33.6		26.6	40.0

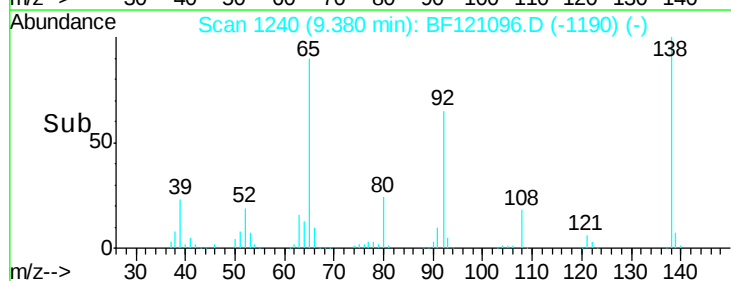
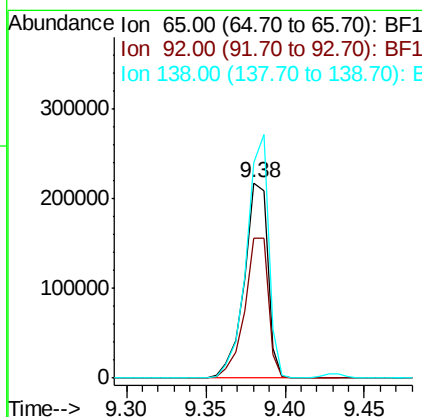
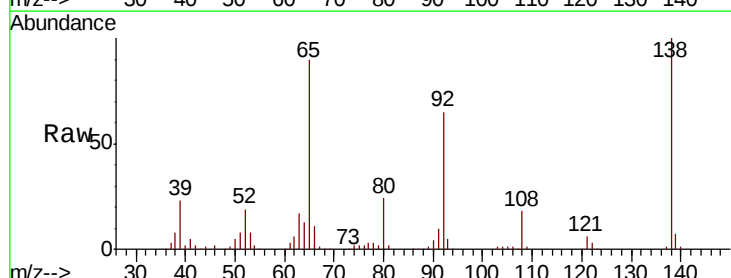
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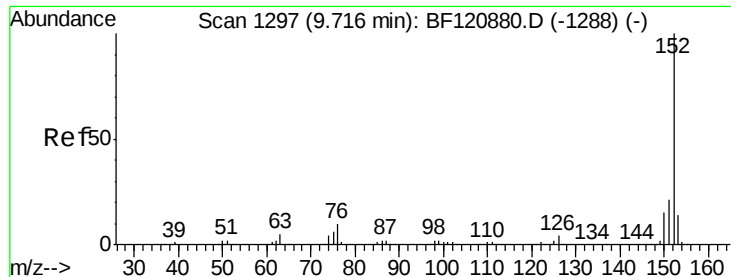
mohammad
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#48
 2-Nitroaniline
 Concen: 39.161 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	223379		
92	71.7		58.0	87.0
138	110.7		93.3	139.9





#49

Acenaphthylene

Concen: 40.122 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:152 Resp: 1176466

Ion Ratio Lower Upper

152 100

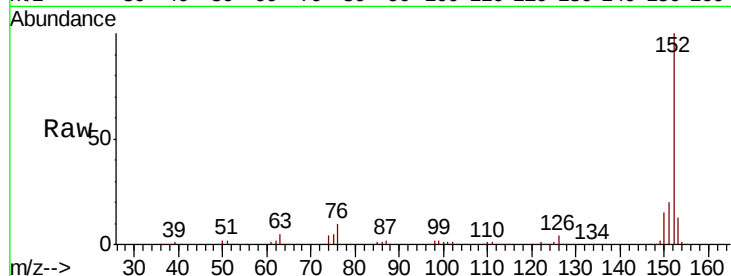
151 20.4 16.6 25.0

153 13.2 11.0 16.4

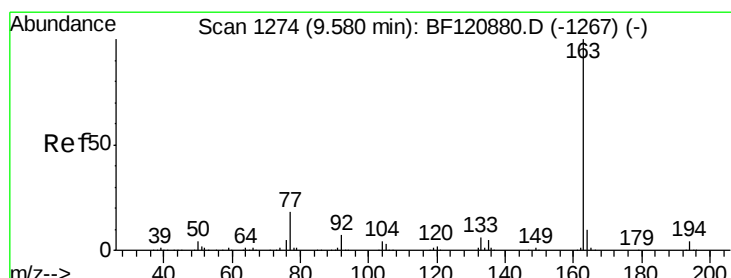
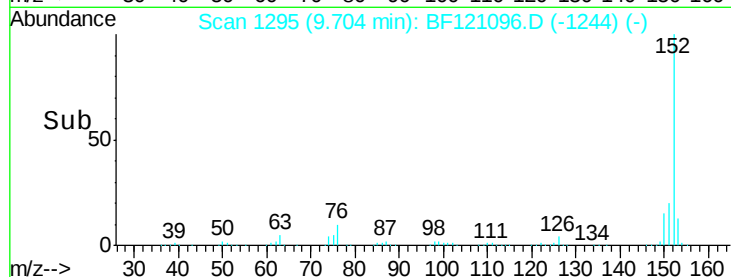
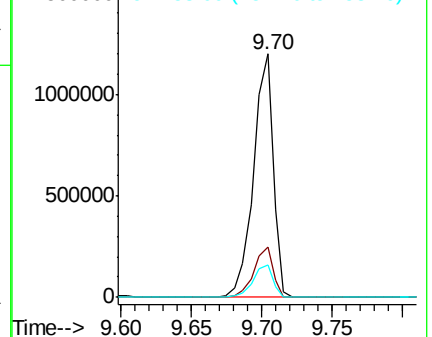
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.895 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

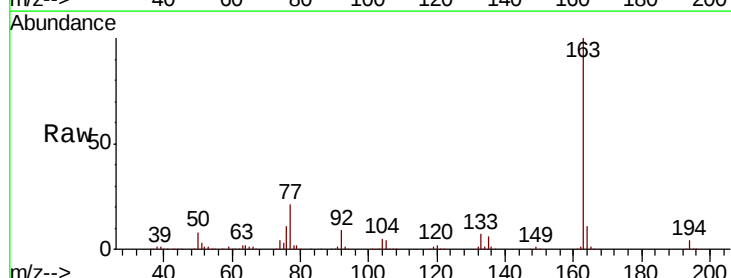
Tgt Ion:163 Resp: 851611

Ion Ratio Lower Upper

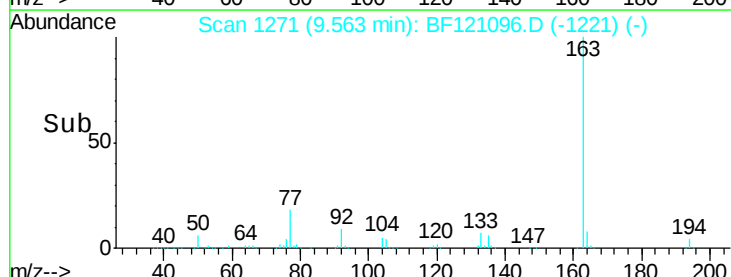
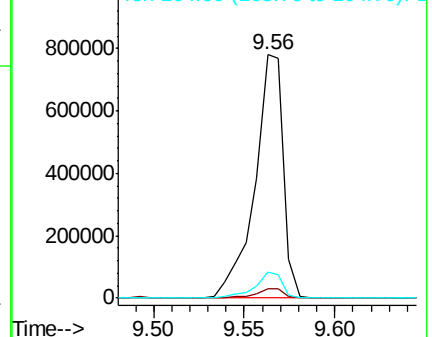
163 100

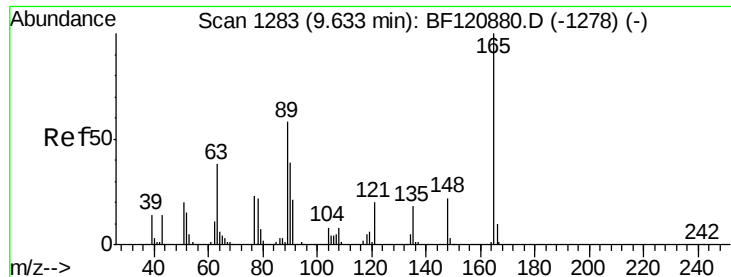
194 3.9 3.0 4.4

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





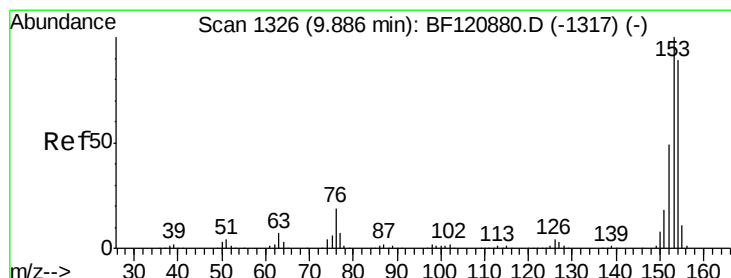
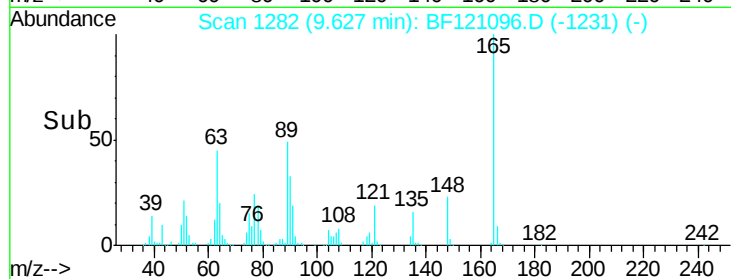
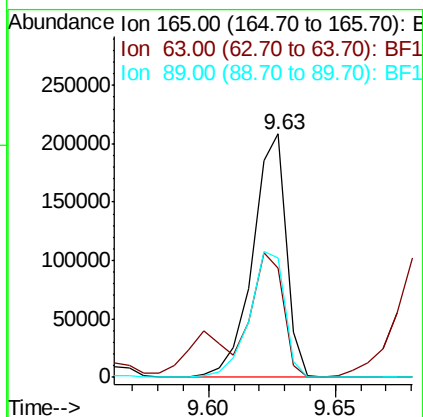
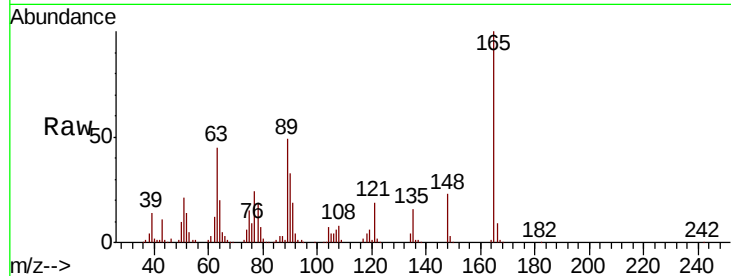
#51
 2,6-Dinitrotoluene
 Concen: 40.942 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampled :
 PB130545BS

Tot Ion	165	Resp	192588
Ion Ratio	Lower	Upper	
165	100		
63	45.0	41.1	61.7
89	49.0	43.5	65.3

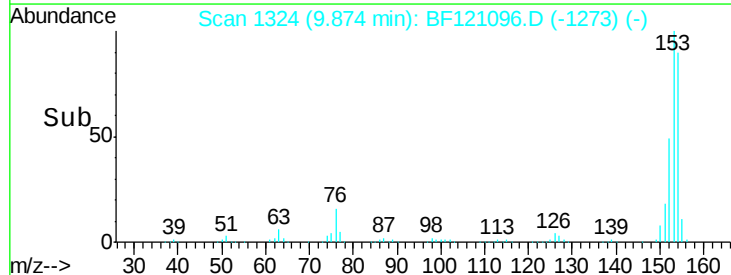
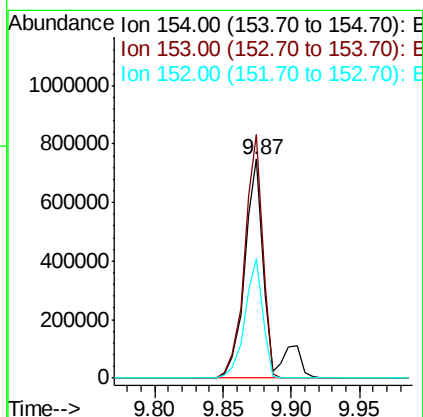
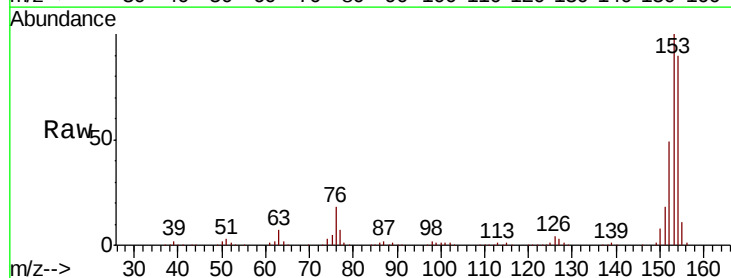
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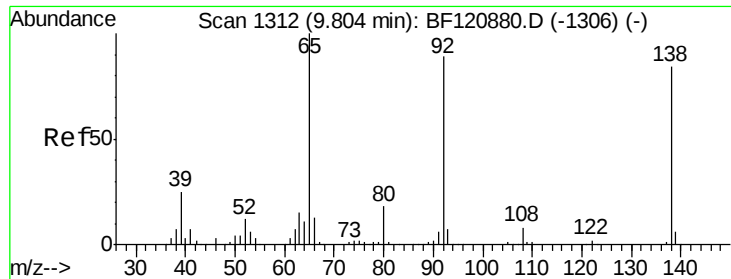
mohammad
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#52
 Acenaphthene
 Concen: 41.880 ng m
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	154	Resp	780745
Ion Ratio	Lower	Upper	
154	100		
153	111.3	89.6	134.4
152	54.4	43.8	65.6





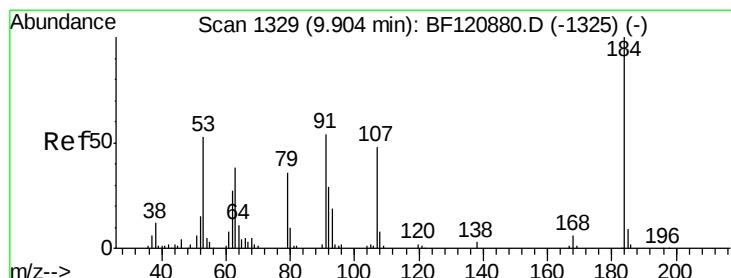
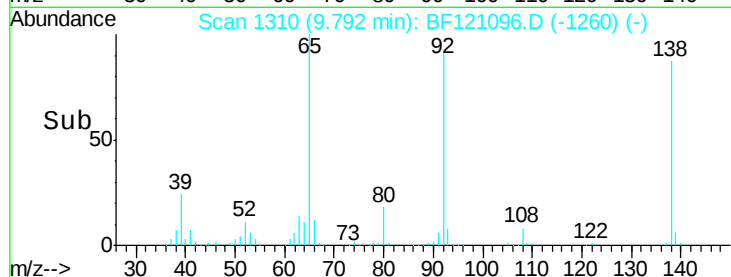
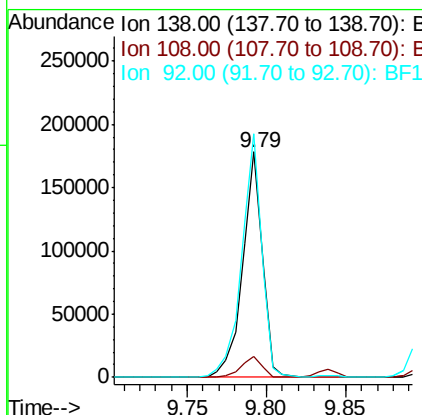
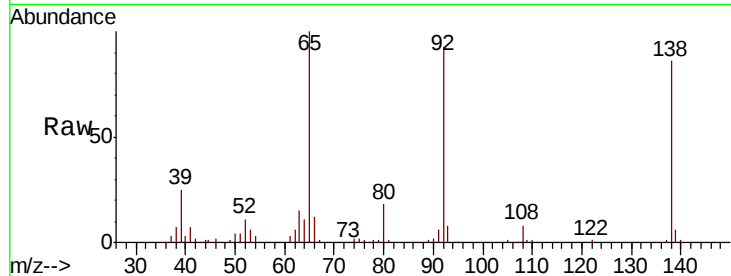
#53
 3-Nitroaniline
 Concen: 25.949 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	108.0	85.0	127.4

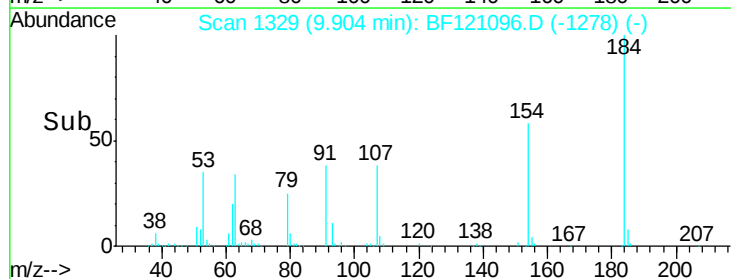
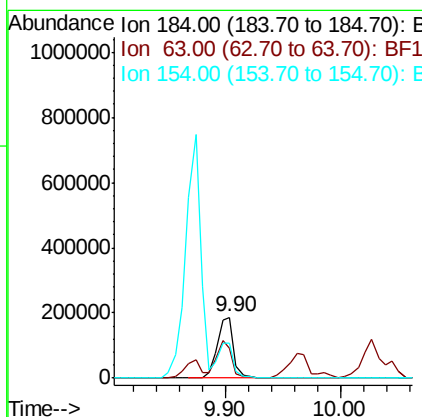
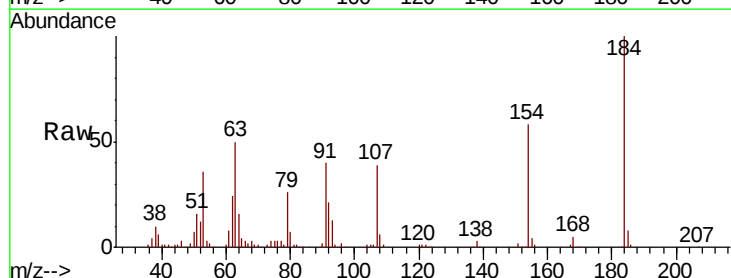
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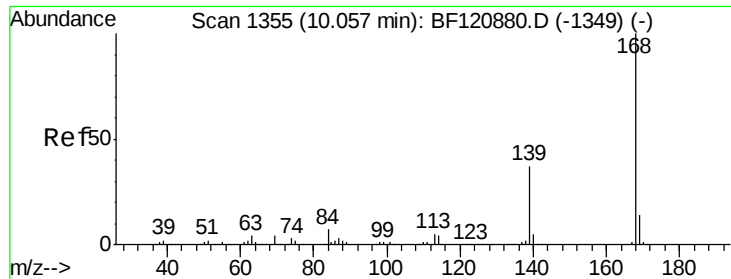
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 69.526 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.1	42.5	63.7
154	58.4	46.8	70.2





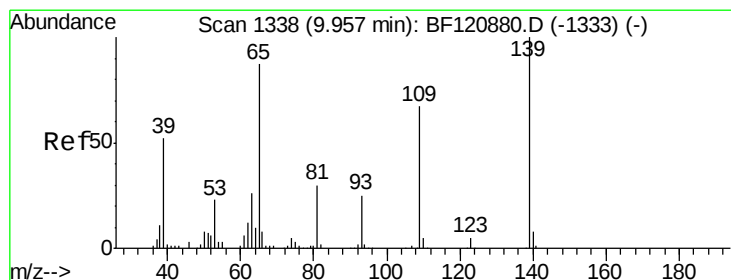
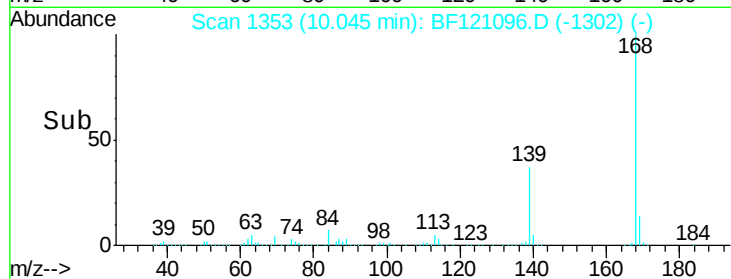
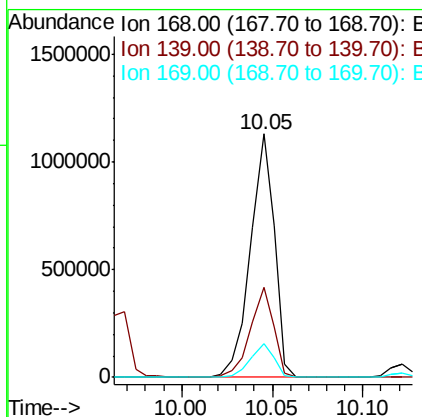
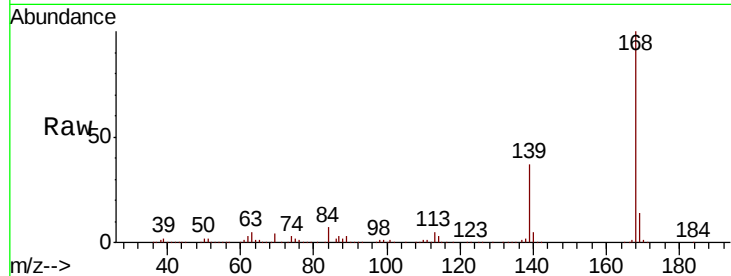
#55
Dibenzofuran
Concen: 38.455 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	13.7	11.3	16.9

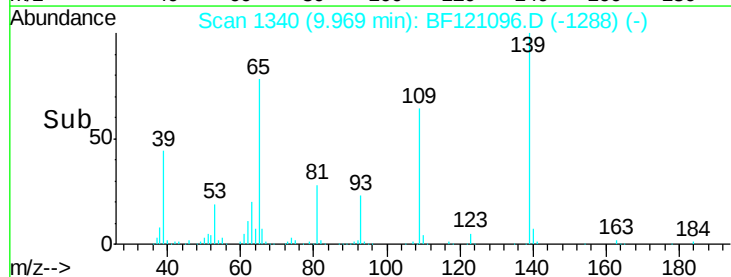
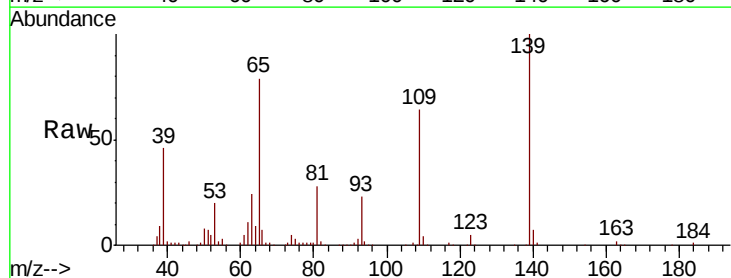
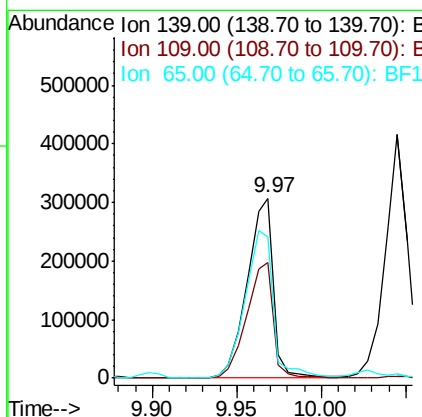
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#56
4-Nitrophenol
Concen: 74.329 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	44.8	84.8
65	78.7	65.6	105.6





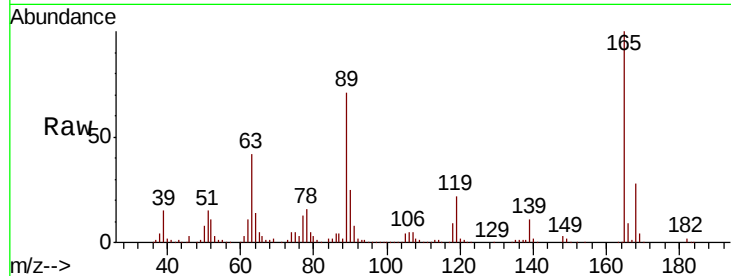
#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

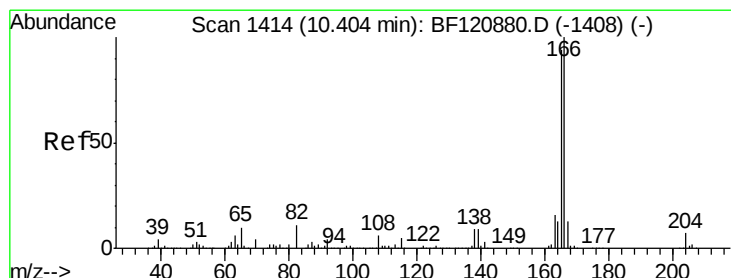
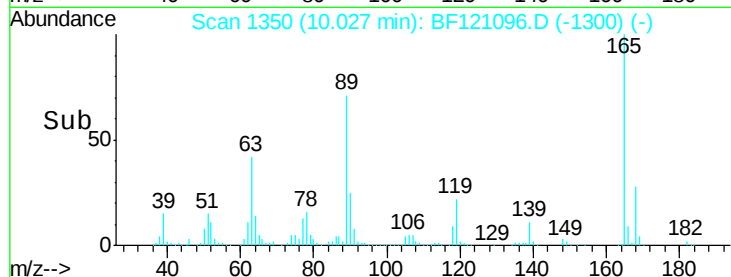
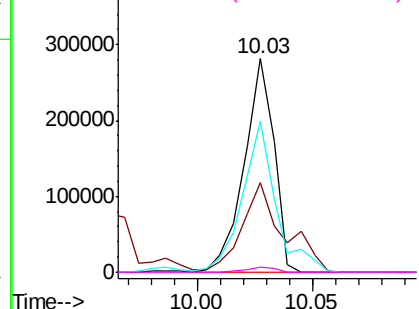
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		254608		
63	41.9		29.8	44.8	
89	70.9		50.3	75.5	
182	2.3		2.1	3.1	

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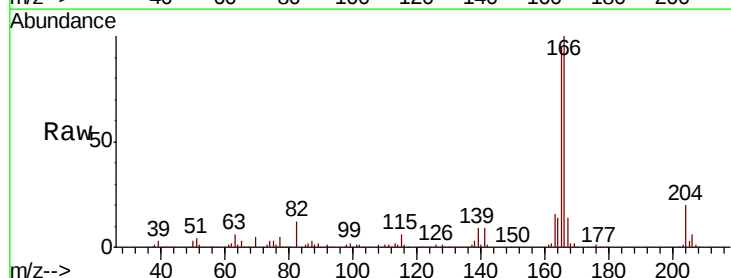


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

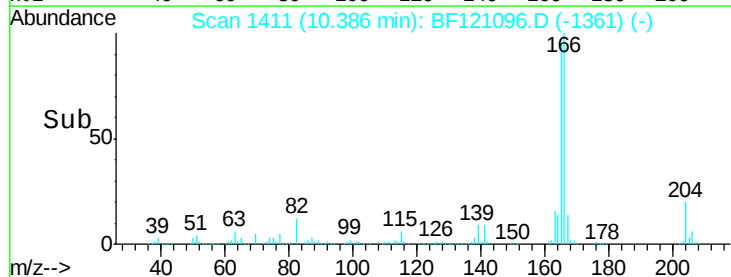
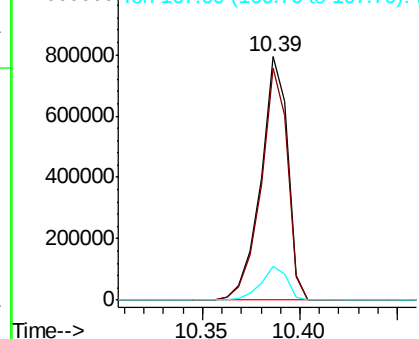


#58
Fluorene
Concen: 37.560 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		755199		
165	95.4		76.4	114.6	
167	14.0		10.7	16.1	



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





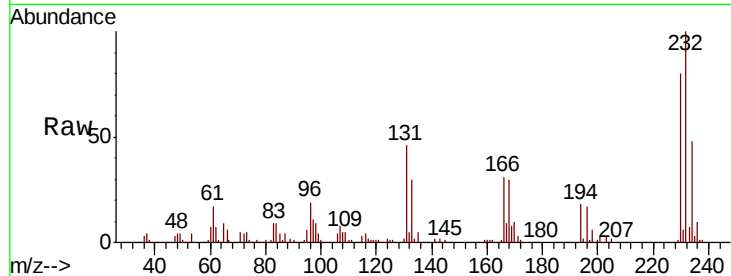
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.995 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

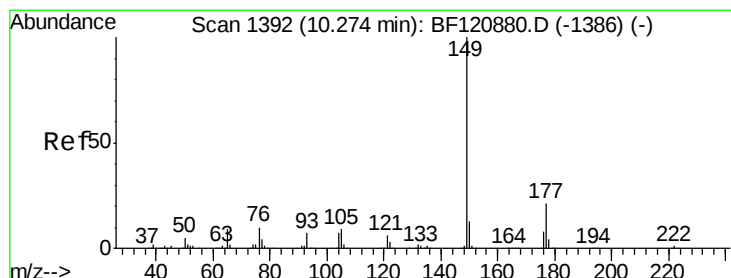
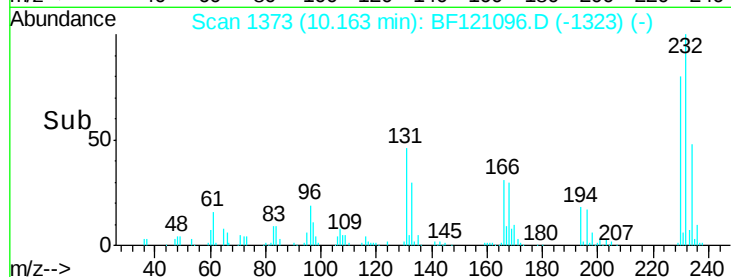
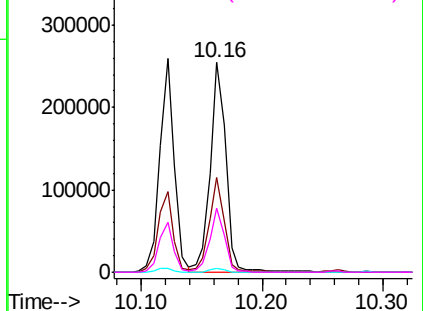
Tot Ion	Ratio	Resp	Lower	Upper
232	100	225812		
131	44.6	34.2	51.2	
130	2.0	1.7	2.5	
166	29.6	23.1	34.7	

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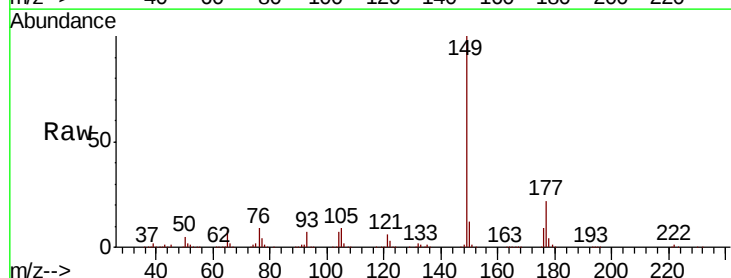


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

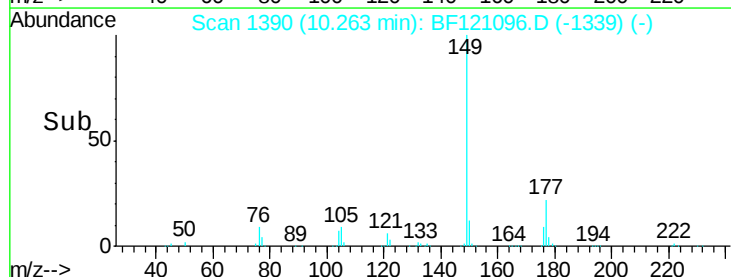
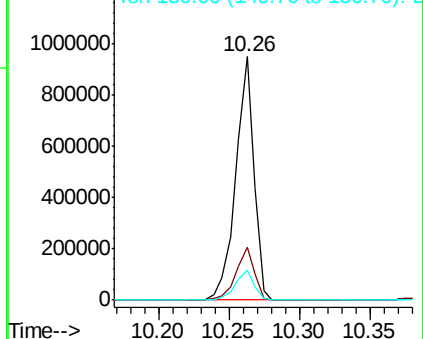


#60
Diethylphthalate
Concen: 38.411 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	850679		
177	21.9	17.6	26.4	
150	12.5	10.2	15.4	



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





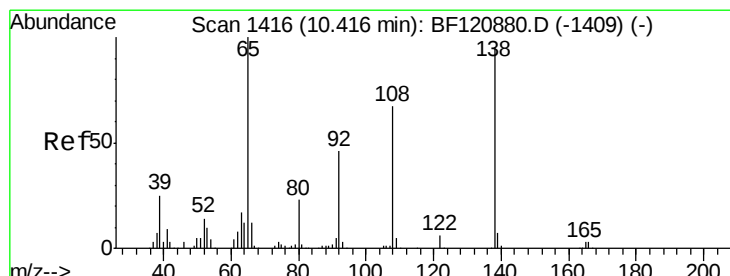
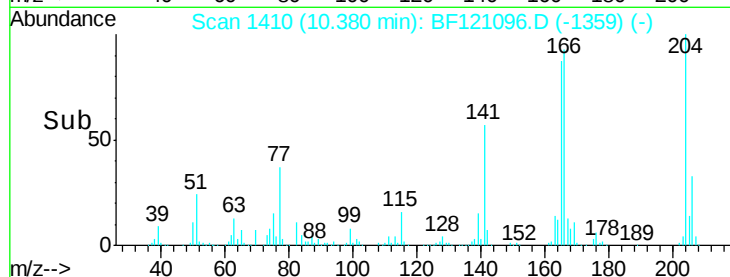
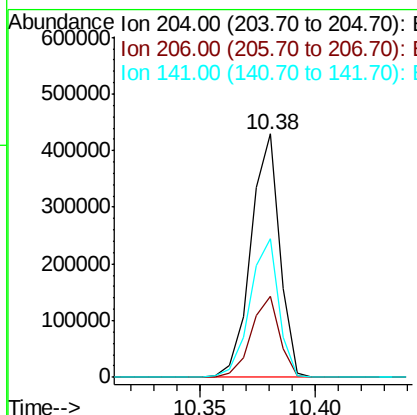
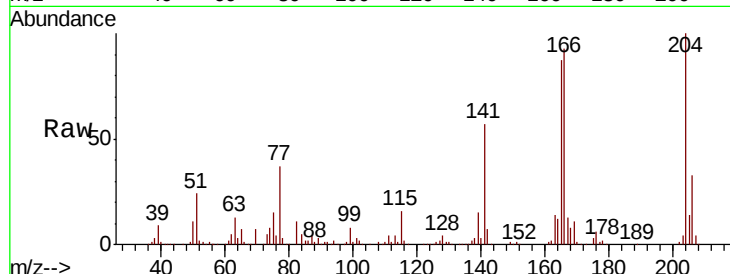
#61
4-Chlorophenyl-phenylether
Concen: 34.889 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	56.9	46.9	70.3

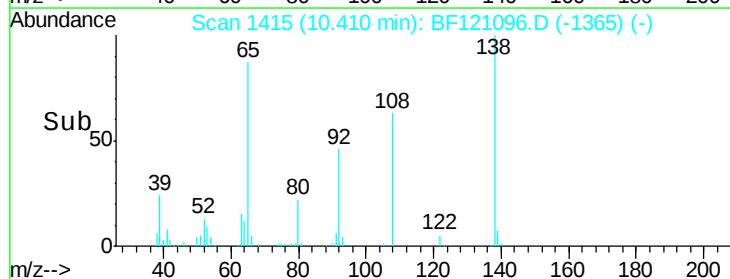
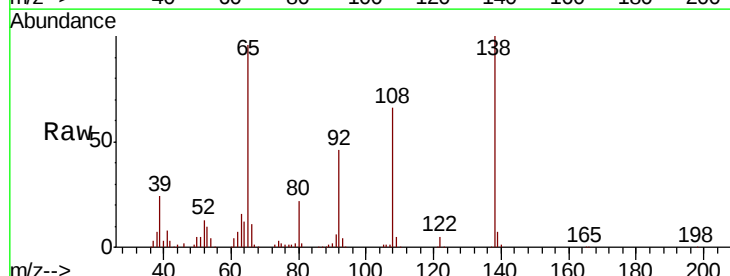
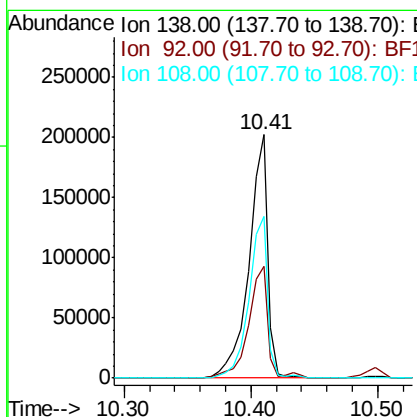
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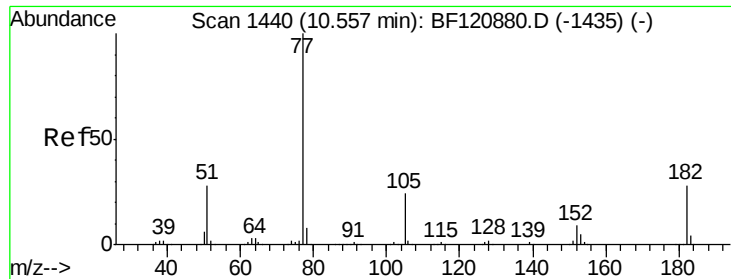
mohammad
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#62
4-Nitroaniline
Concen: 36.441 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	25.2	65.2
108	66.4	46.7	86.7





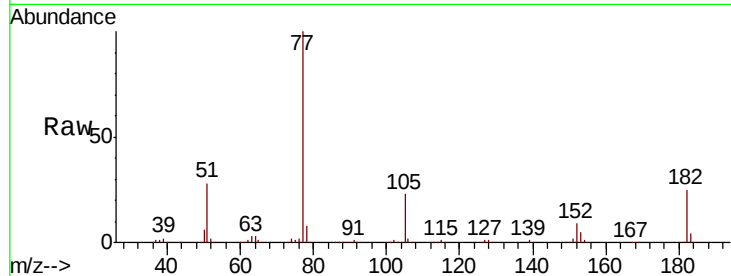
#63
Azobenzene
Concen: 38.068 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

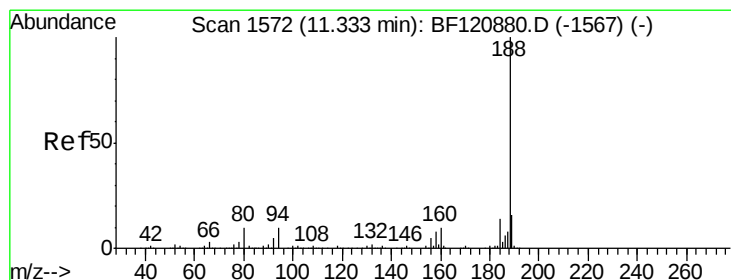
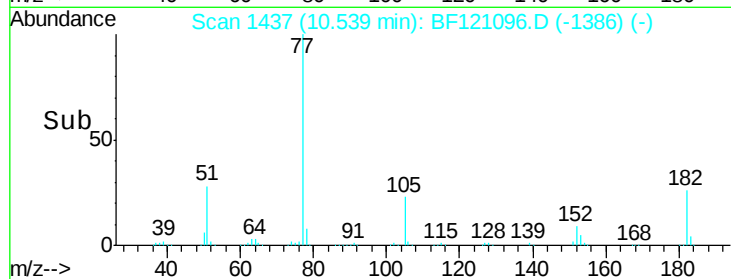
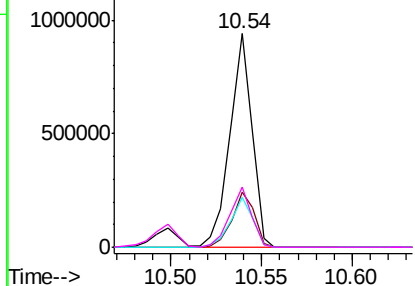
Tot Ion	Ratio	Resp	Lower	Upper
77	100	802627		
182	25.5	4.5	44.5	
105	23.4	3.4	43.4	
51	28.3	8.7	48.7	

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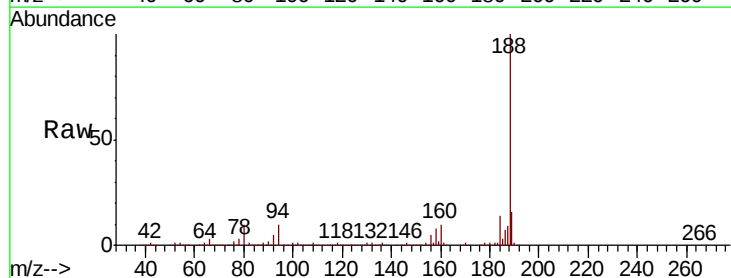


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

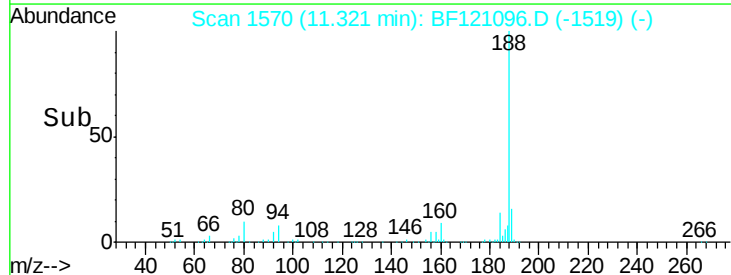
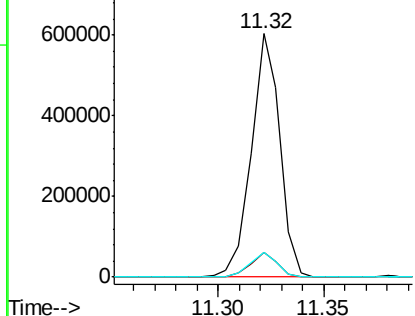


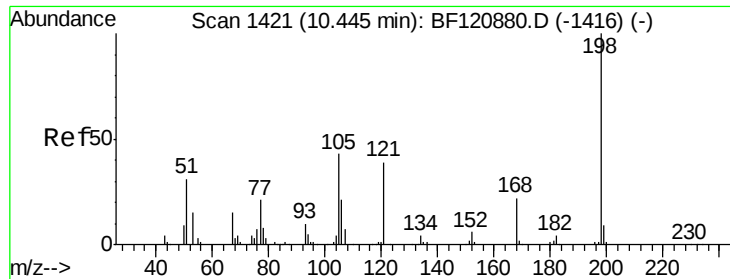
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	563972		
94	10.0	8.0	12.0	
80	10.1	8.3	12.5	



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





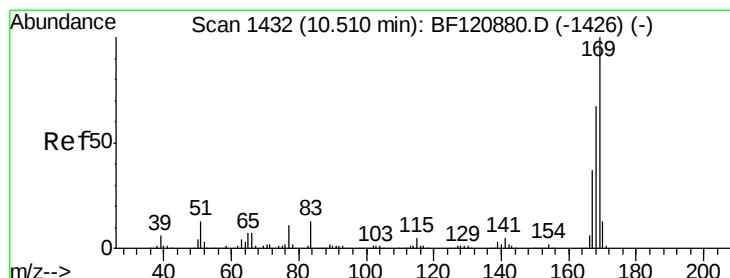
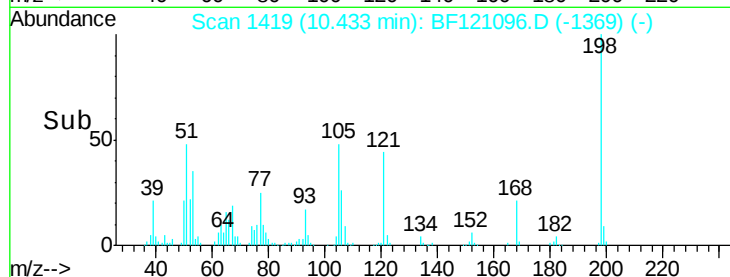
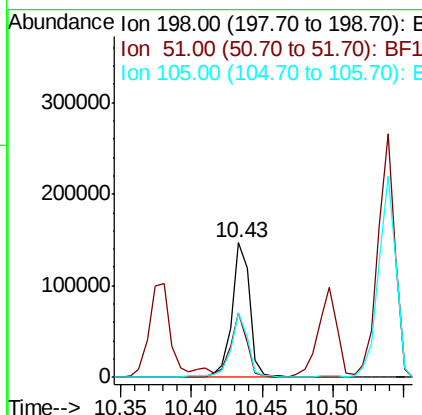
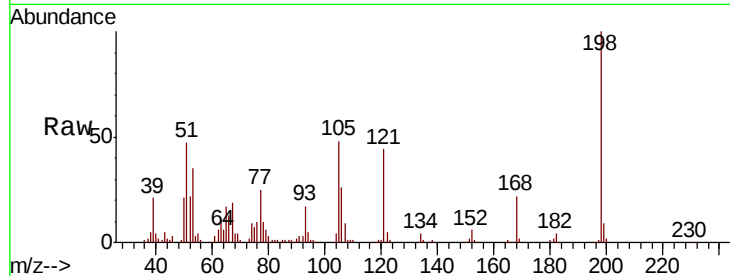
#65
4,6-Dinitro-2-methylphenol
Concen: 40.291 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129321		
51	47.4	23.4	63.4	
105	48.1	23.7	63.7	

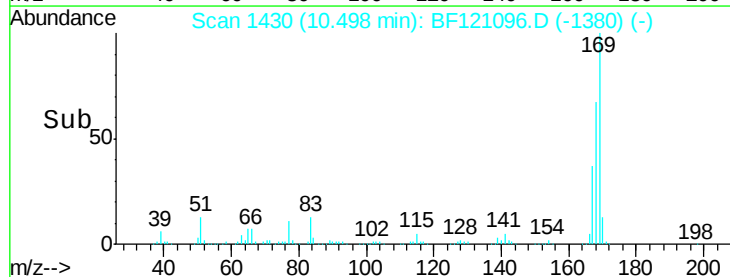
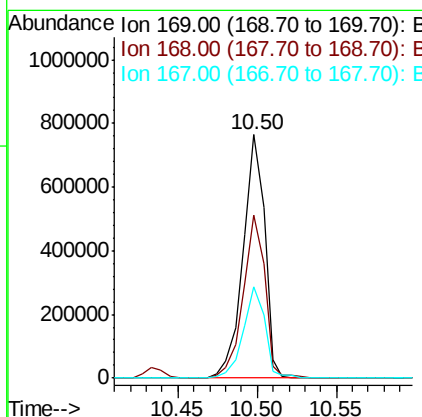
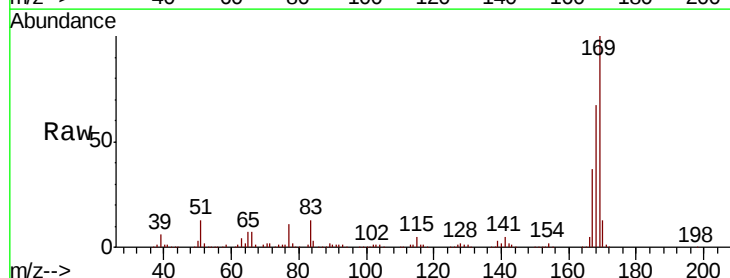
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#66
n-Nitrosodiphenylamine
Concen: 40.573 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	719828		
168	66.7	53.7	80.5	
167	37.3	30.0	45.0	





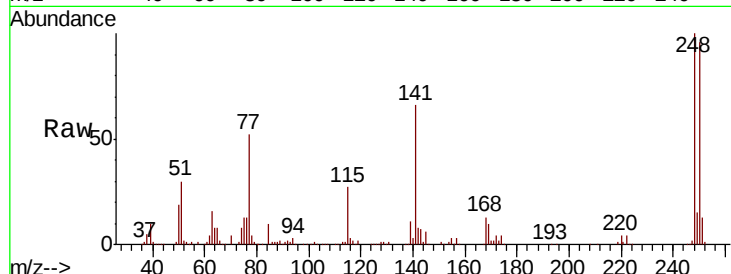
#67
 4-Bromophenyl-phenylether
 Concen: 39.146 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

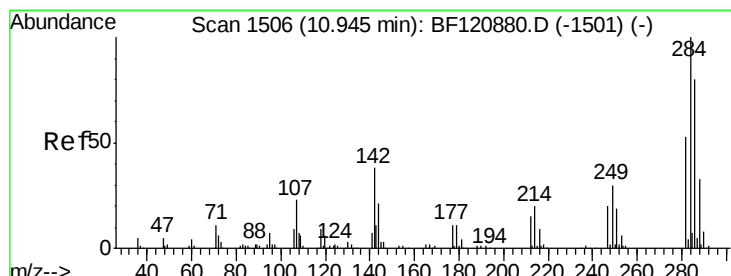
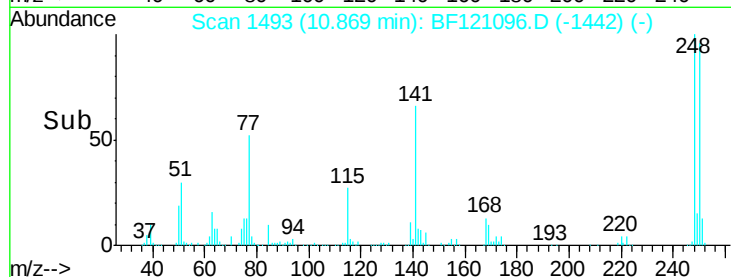
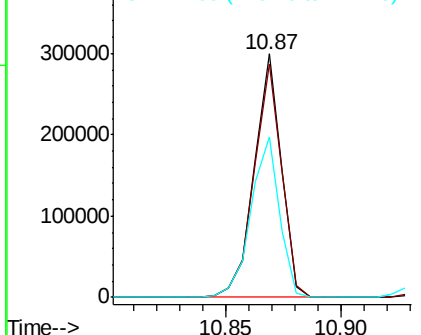
Tot Ion:	248	Resp:	246146
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.0	115.6
141	66.1	56.6	85.0

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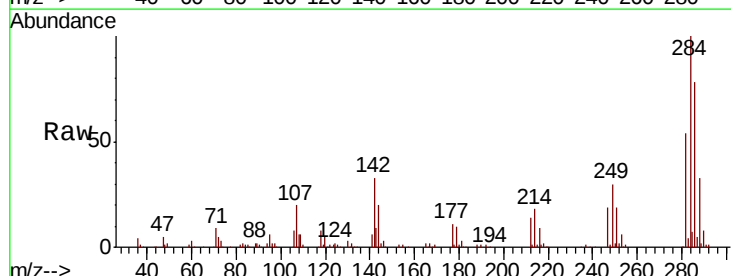


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

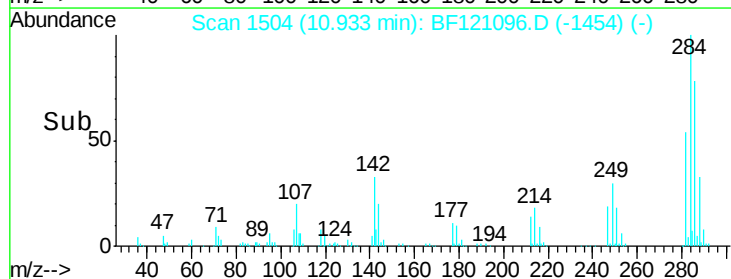
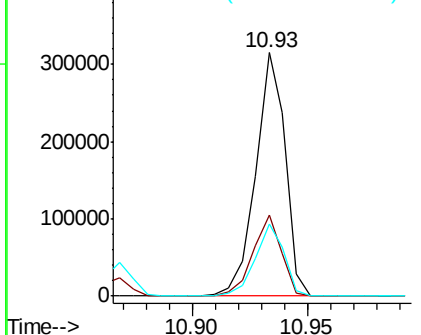


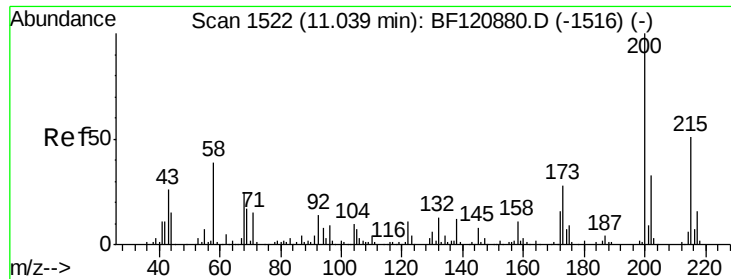
#68
 Hexachlorobenzene
 Concen: 41.234 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:	284	Resp:	280466
Ion Ratio	Lower	Upper	
284	100		
142	33.3	21.1	31.7#
249	29.7	22.5	33.7



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





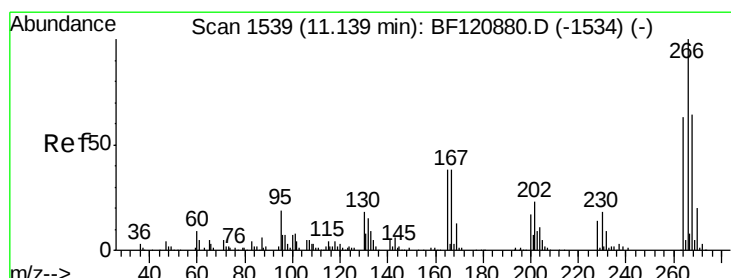
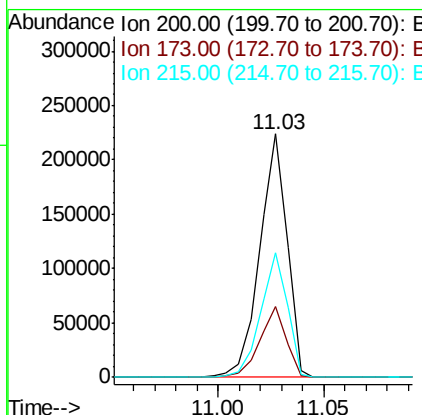
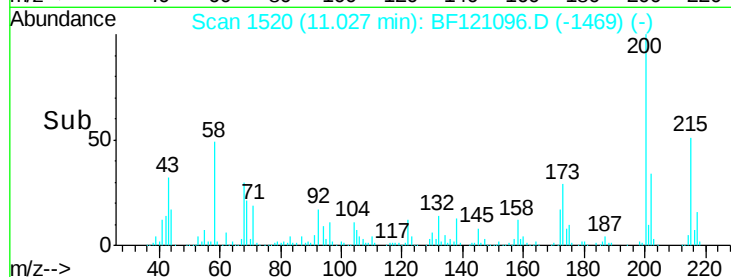
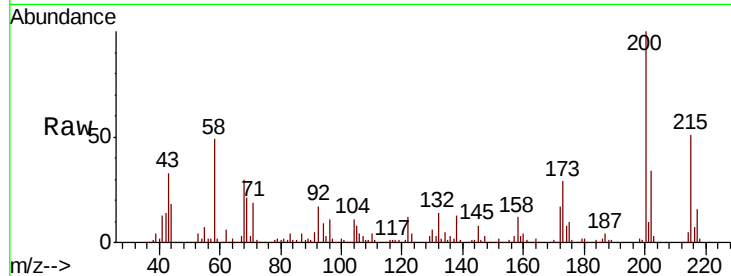
#69
Atrazine
Concen: 45.839 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	7.6	47.6
215	51.1	28.8	68.8

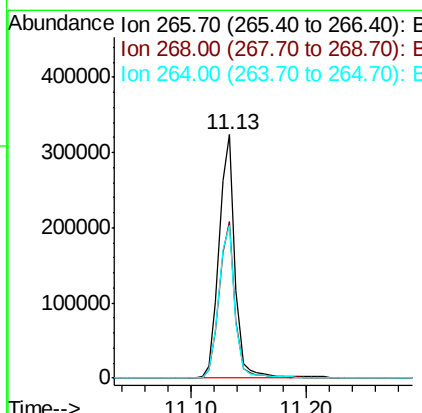
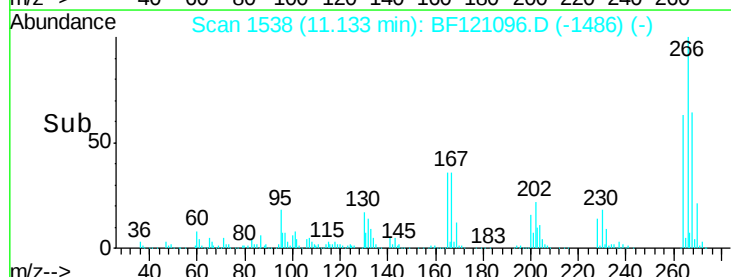
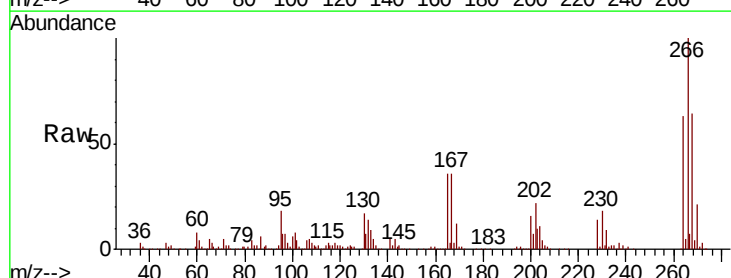
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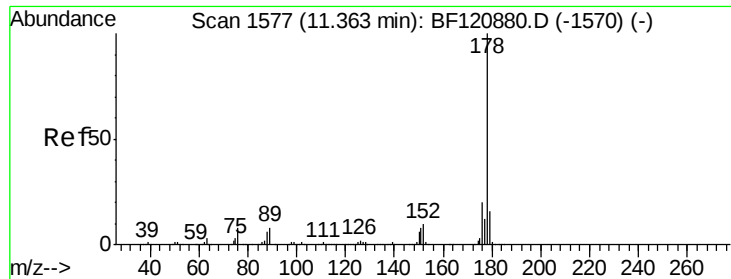
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#70
Pentachlorophenol
Concen: 80.304 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.7	74.5
264	62.6	50.4	75.6





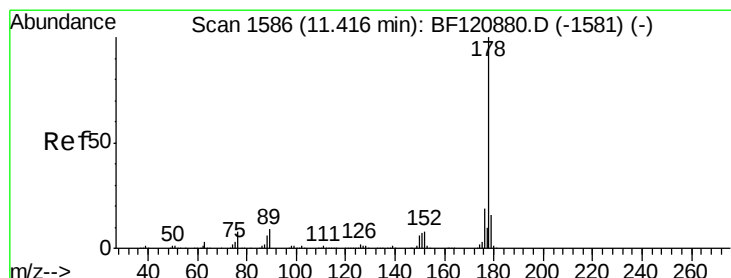
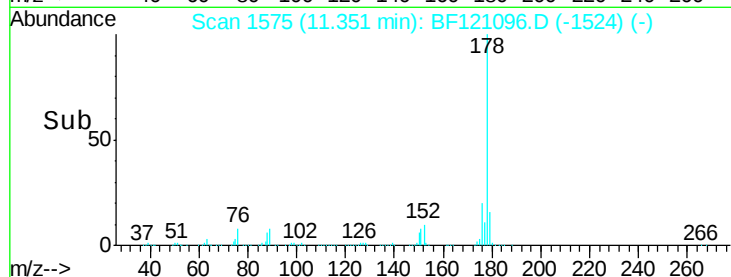
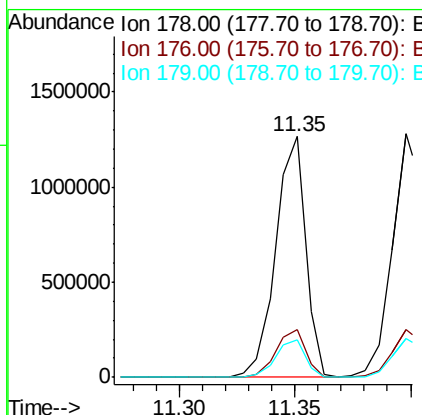
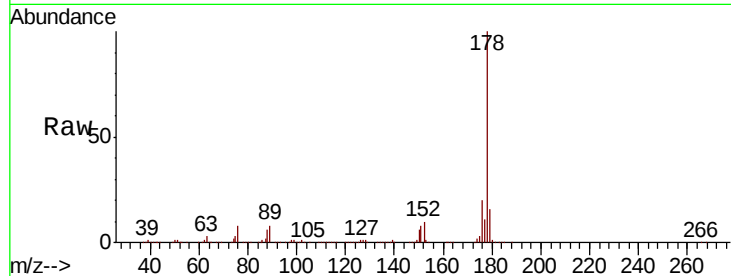
#71
Phenanthrene
Concen: 39.242 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

Tot Ion:178 Resp: 1138212
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.6 19.0

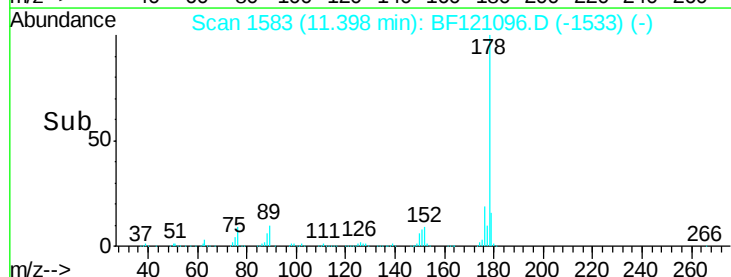
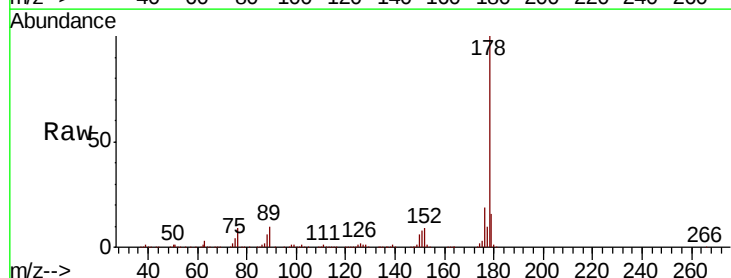
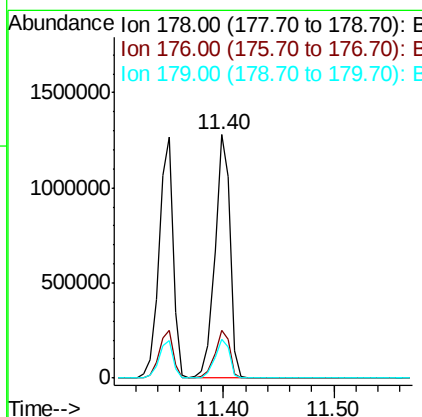
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#72
Anthracene
Concen: 40.975 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion:178 Resp: 1193422
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.8 12.6 19.0





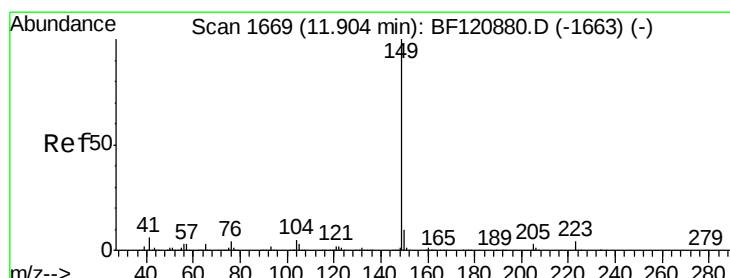
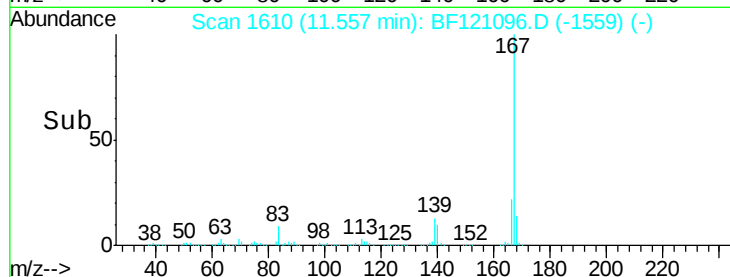
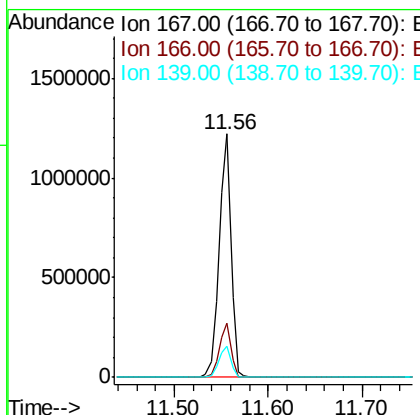
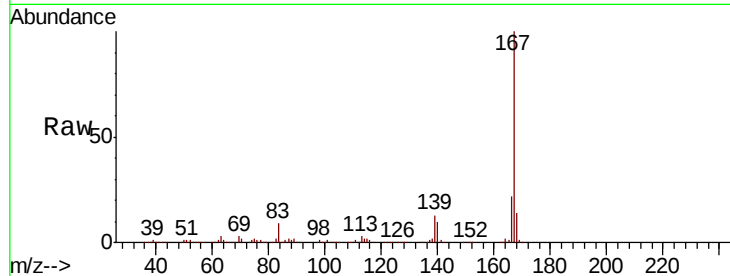
#73
 Carbazole
 Concen: 37.563 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:167 Resp: 1085724
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.8 10.5 15.7

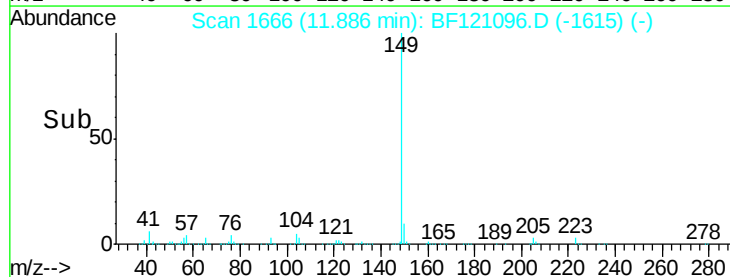
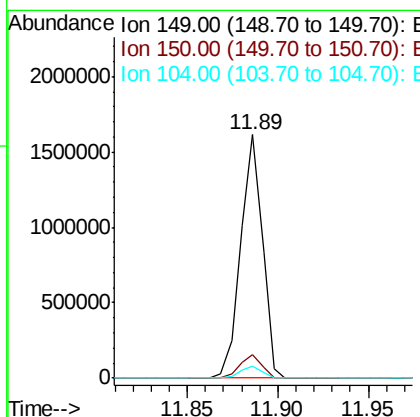
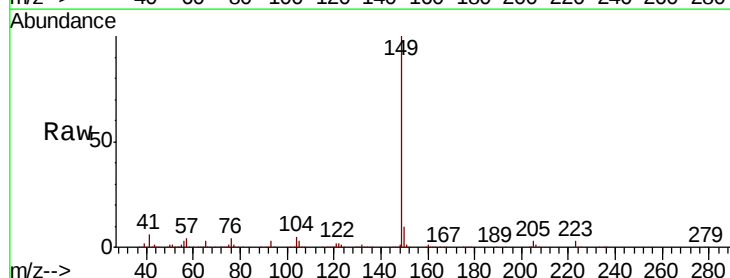
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#74
 Di-n-butylphthalate
 Concen: 40.416 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:149 Resp: 1348113
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 39.297 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

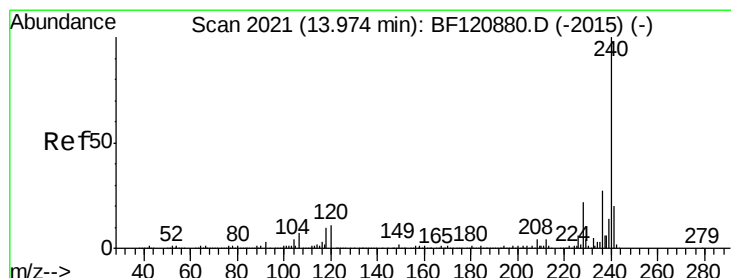
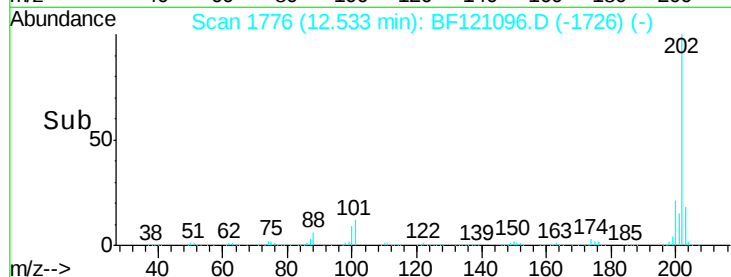
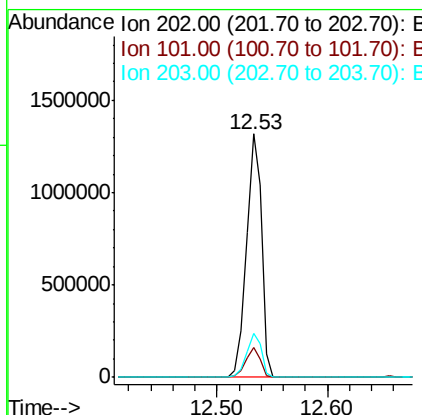
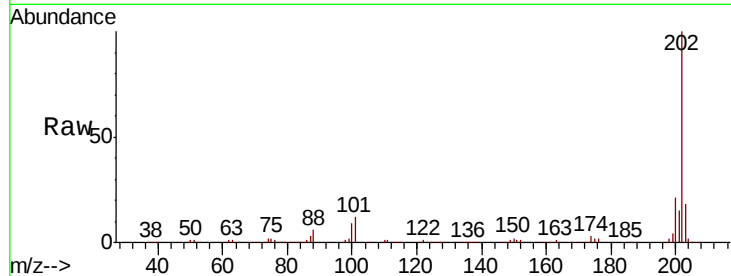
ClientSampleId :

PB130545BS

Tot Ion:	202	Resp:	1263413
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.2	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

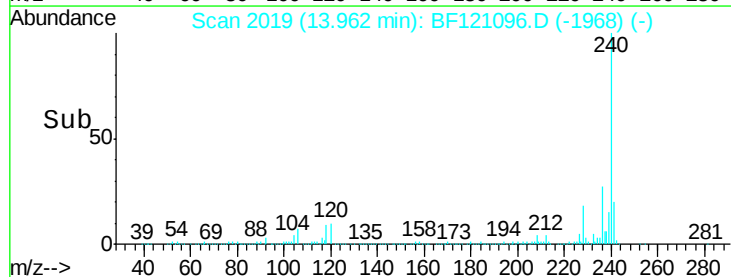
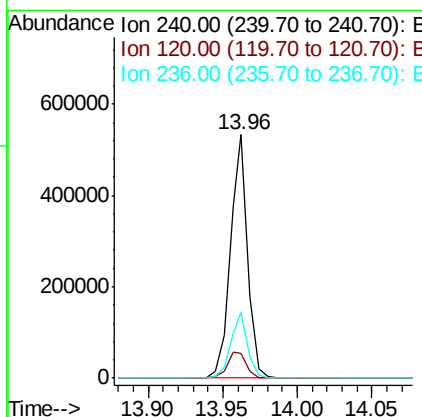
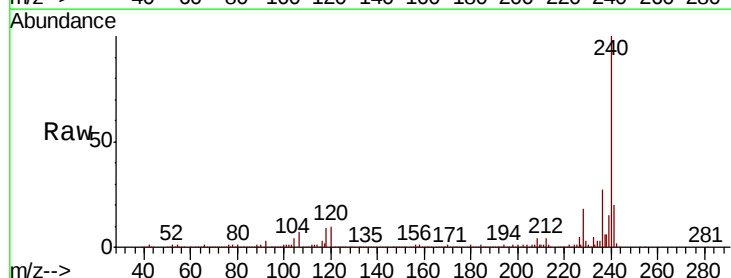
RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	240	Resp:	433103
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	26.9	21.1	31.7





#77

Benzidine

Concen: 71.696 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

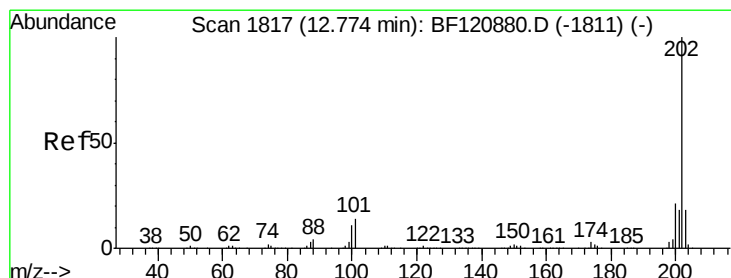
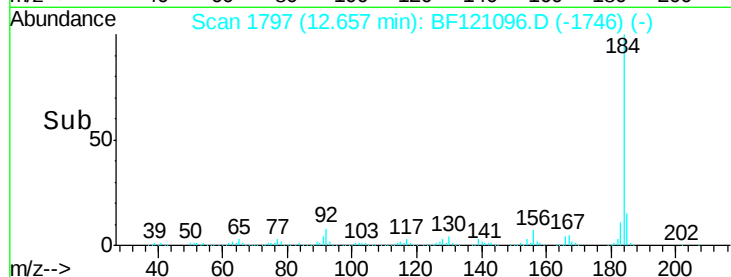
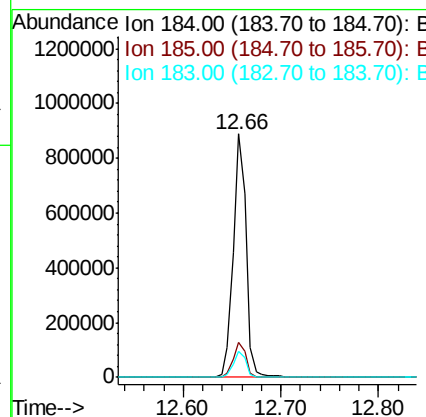
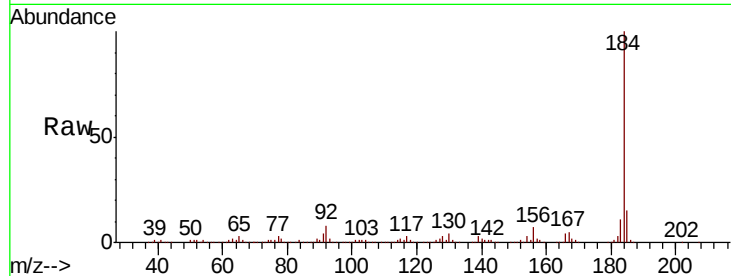
ClientSampleId :

PB130545BS

Tot Ion:	184	Resp:	816402
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.1	18.1
183	10.9	9.0	13.4

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#78

Pyrene

Concen: 41.762 ng

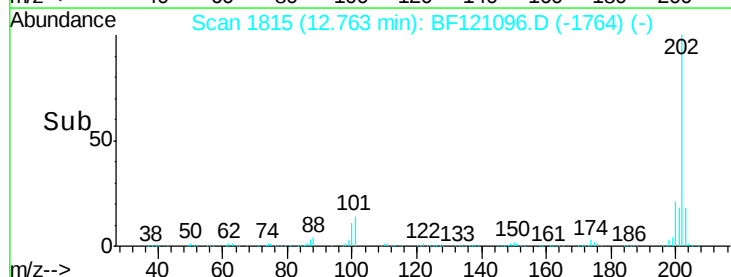
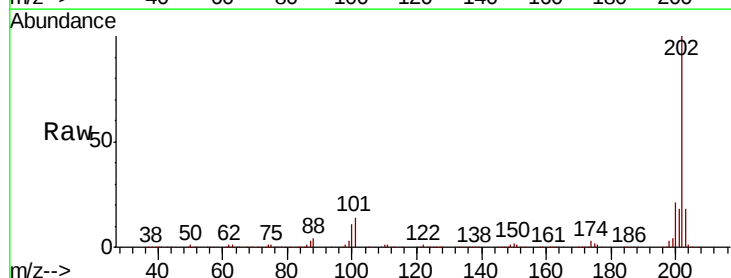
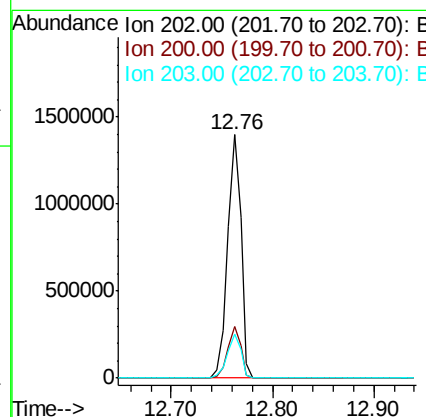
RT: 12.76 min Scan# 1815

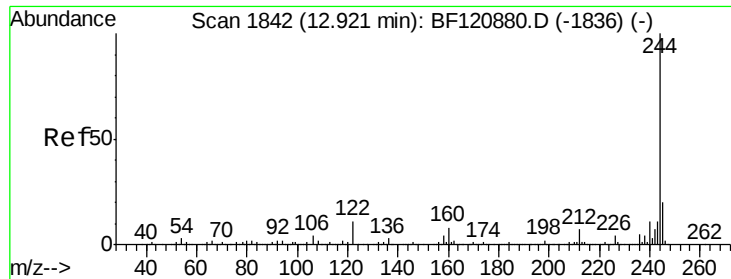
Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Tgt Ion:	202	Resp:	1278785
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	18.1	14.6	21.8





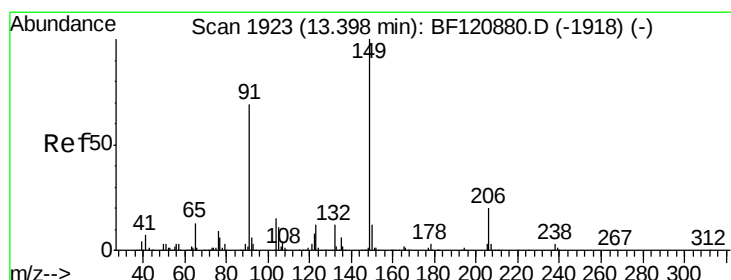
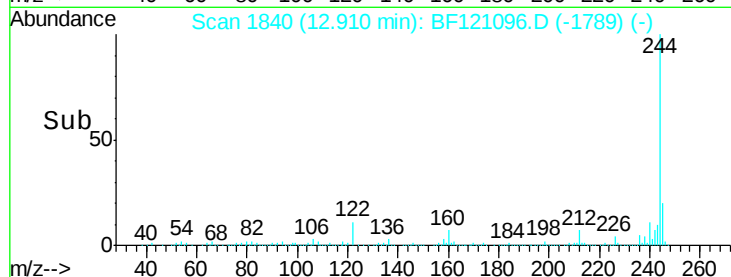
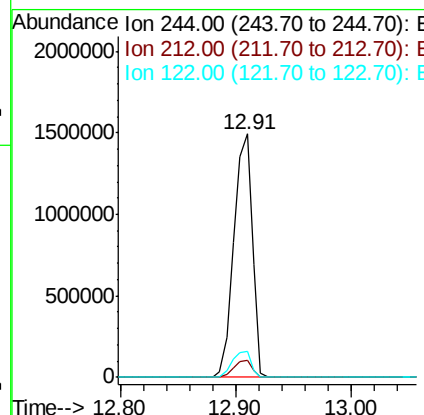
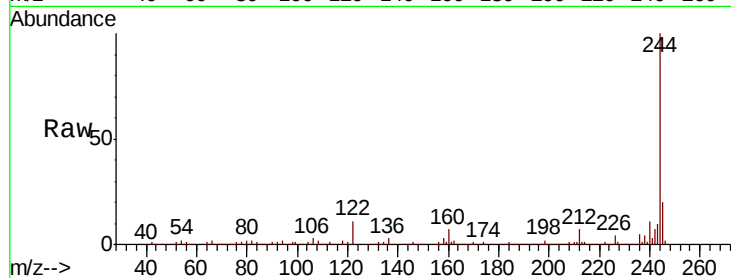
#79
 Terphenyl-d14
 Concen: 83.158 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.8	8.3	12.5

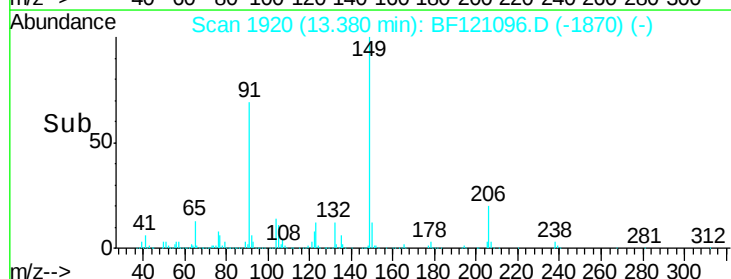
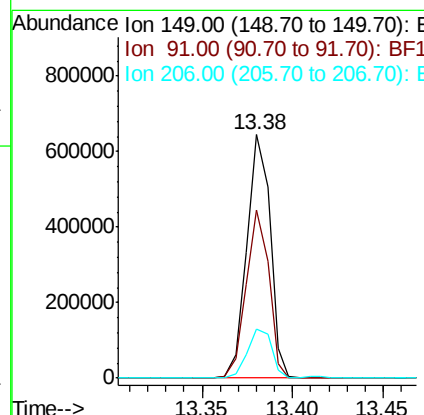
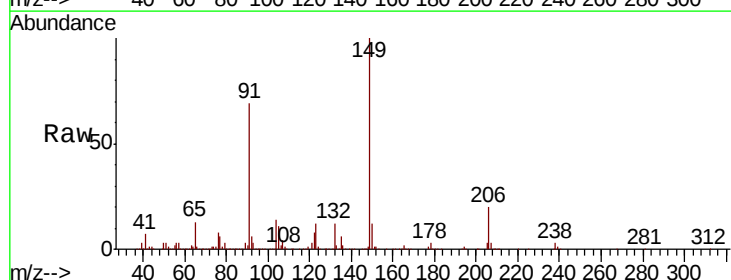
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#80
 Butylbenzylphthalate
 Concen: 42.350 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	51.4	77.0
206	20.3	17.9	26.9





#81

Benzo(a)anthracene

Concen: 39.803 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:228 Resp: 1043884

Ion Ratio Lower Upper

228 100

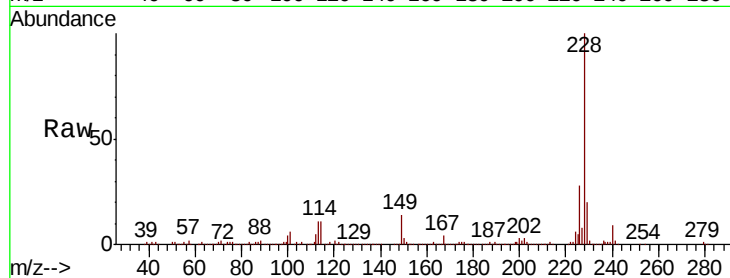
226 28.3 22.6 34.0

229 20.2 16.1 24.1

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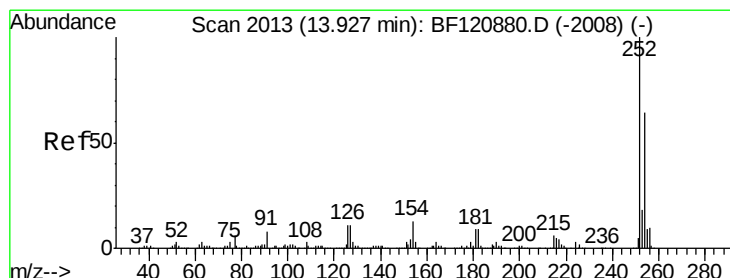
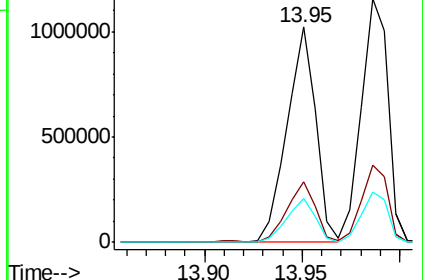
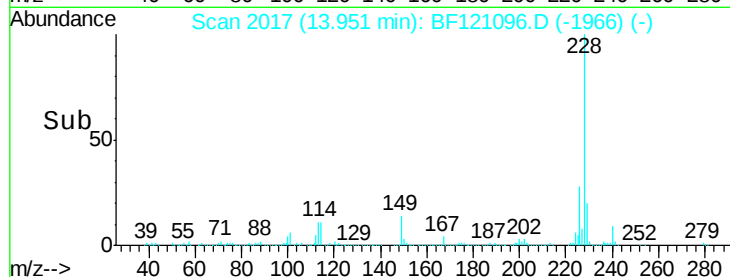
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.457 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

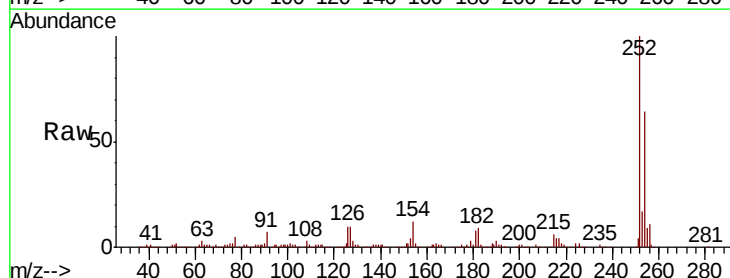
Tgt Ion:252 Resp: 321142

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

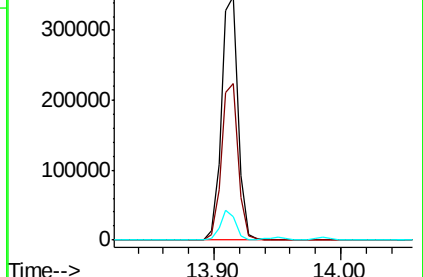
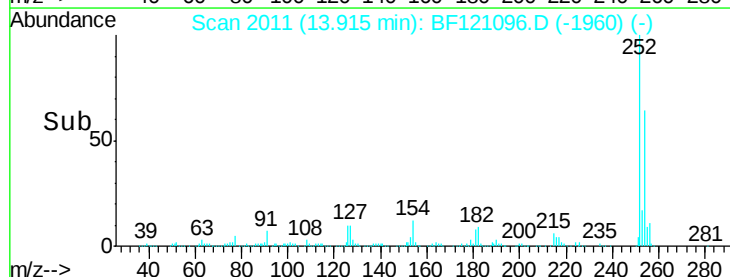
126 9.7 9.2 13.8

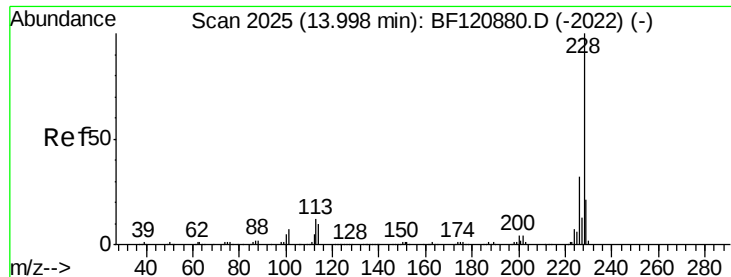


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





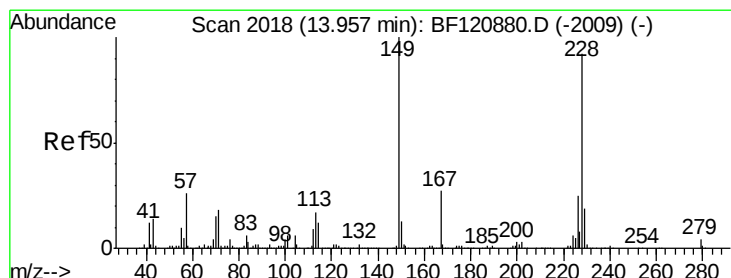
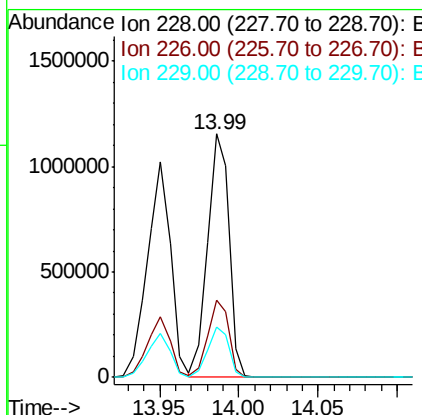
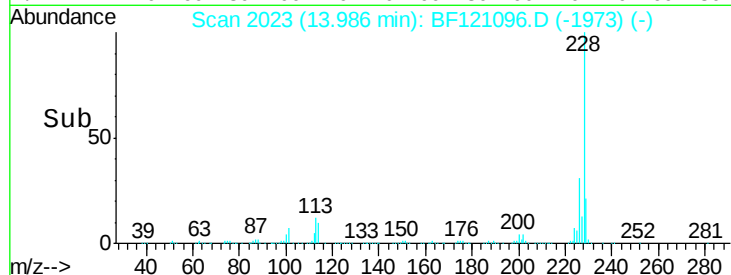
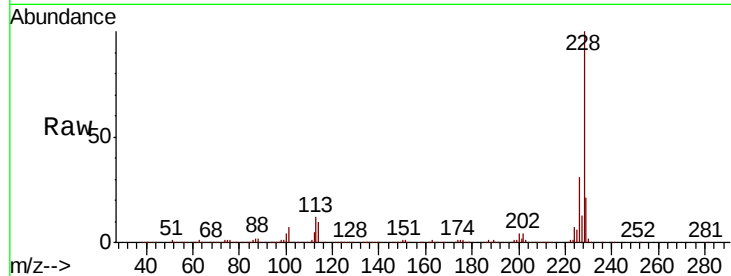
#83
 Chrvsene
 Concen: 39.752 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion:228 Resp: 1095615
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.7 16.2 24.4

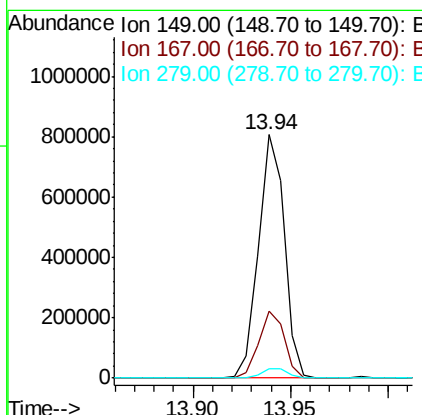
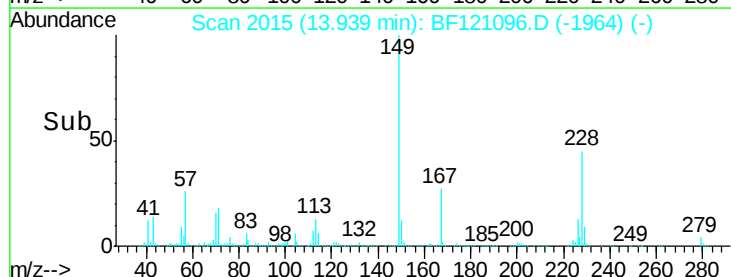
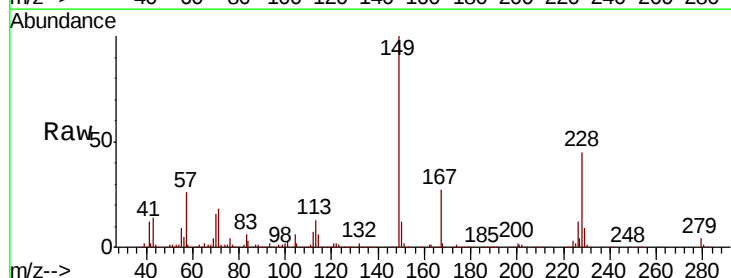
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.974 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion:149 Resp: 740179
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.6
 279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.779 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

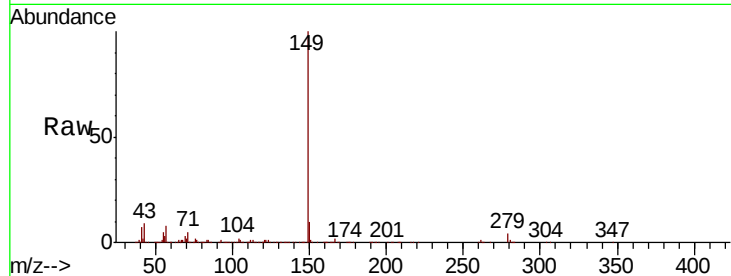
ClientSampleId :

PB130545BS

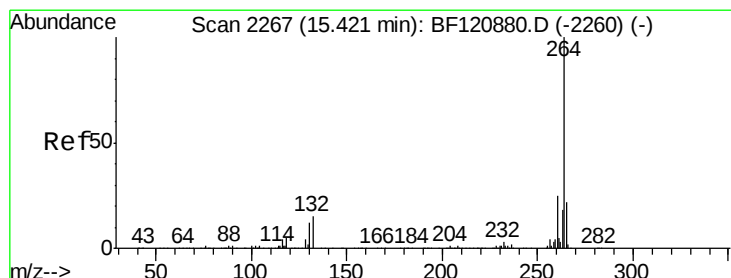
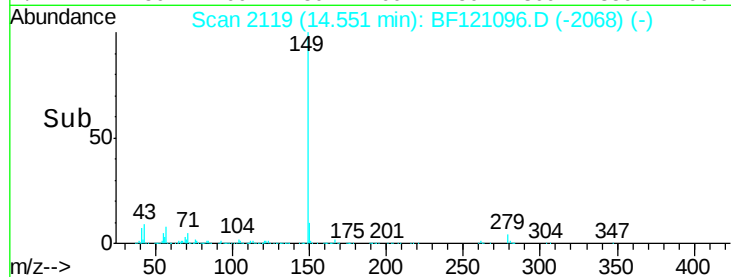
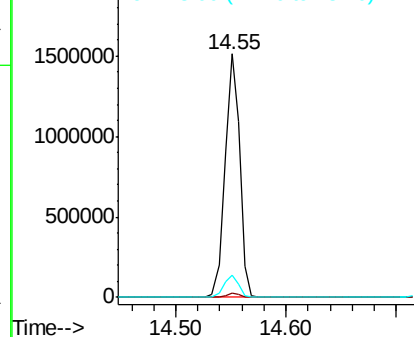
Tot Ion:	149	Resp:	1399110
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.5	11.3

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Abundance Ion 149.00 (148.70 to 149.70): E
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

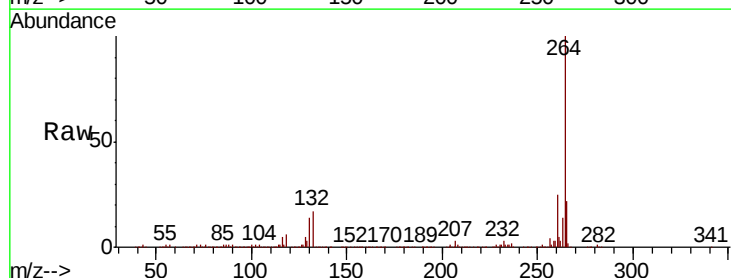
RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

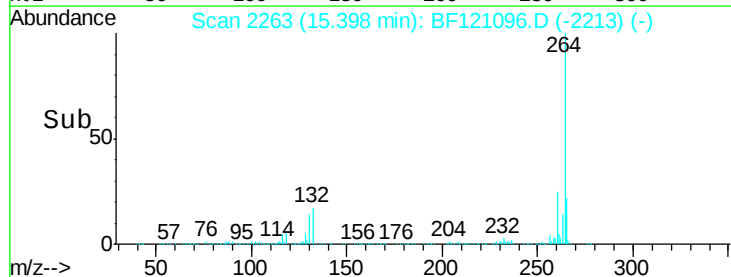
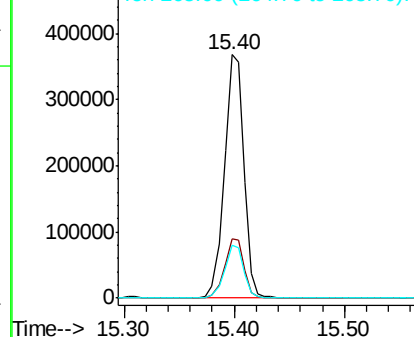
Lab File: BF121096.D

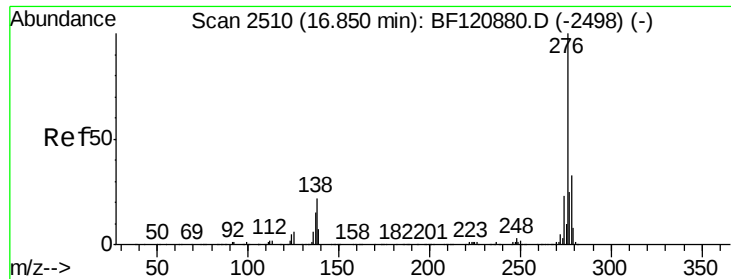
Acq: 29 Jul 2020 12:06

Tgt Ion:	264	Resp:	450935
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.7	17.8	26.8



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





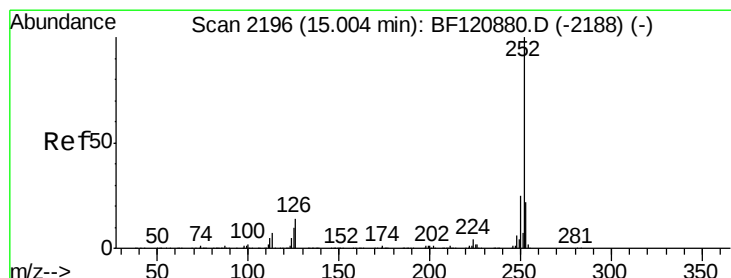
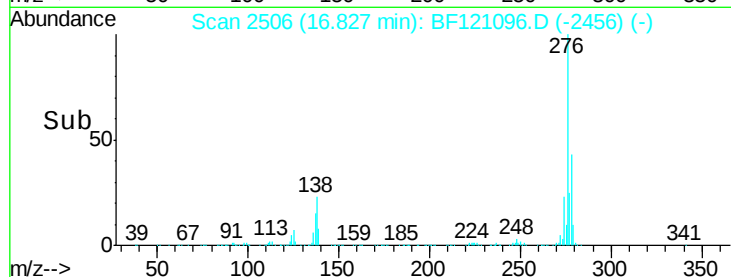
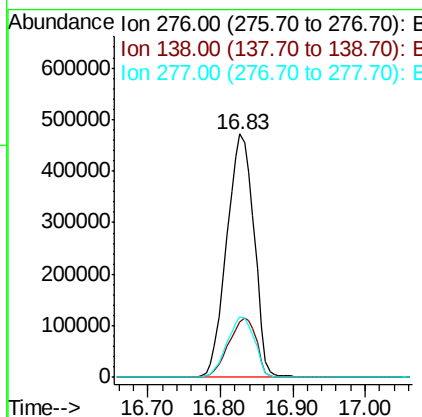
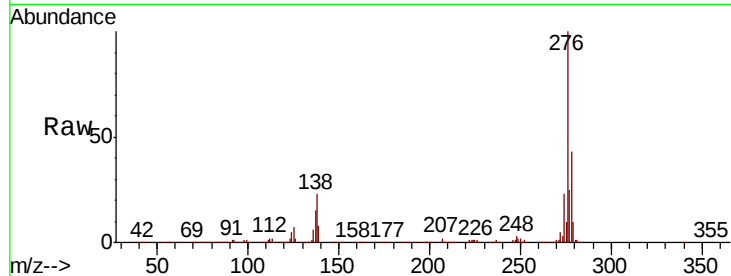
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.313 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.3	28.9
277	25.2	20.1	30.1

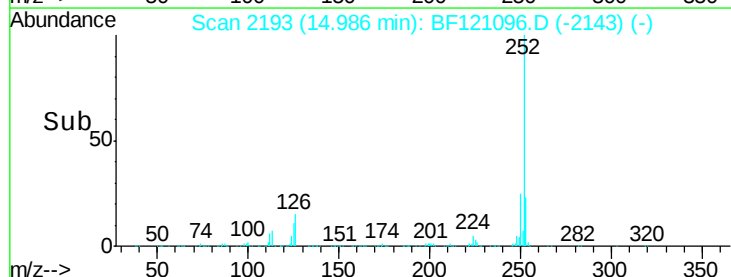
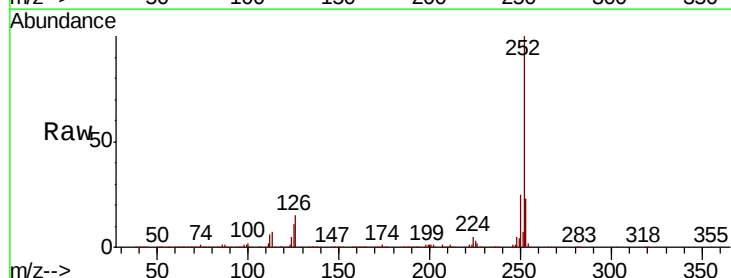
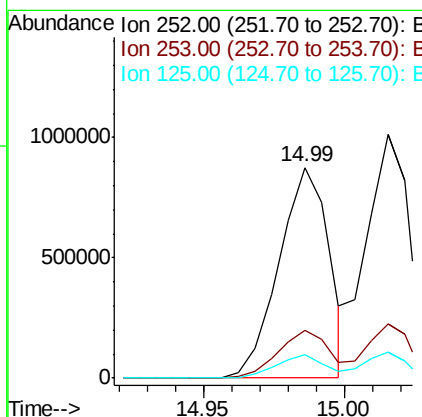
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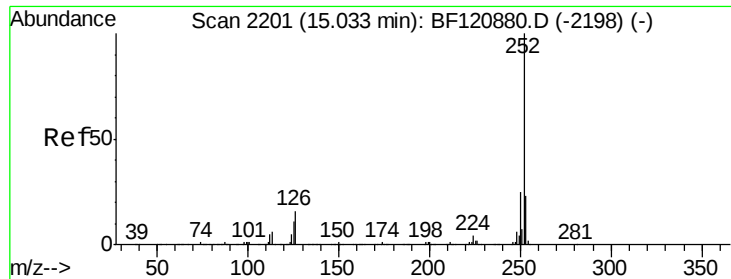
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#88
 Benzo(b)fluoranthene
 Concen: 39.665 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121096.D
 Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.9	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 43.481 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB130545BS

Tot Ion:252 Resp: 1080888

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

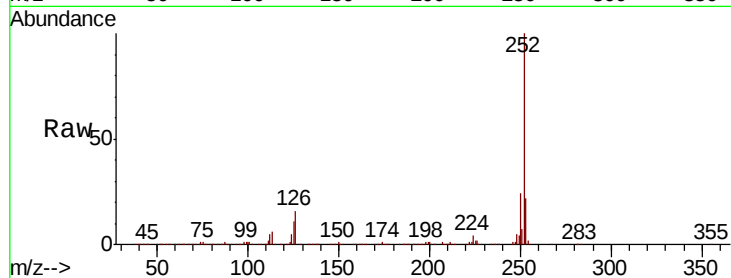
125 10.9 8.0 12.0

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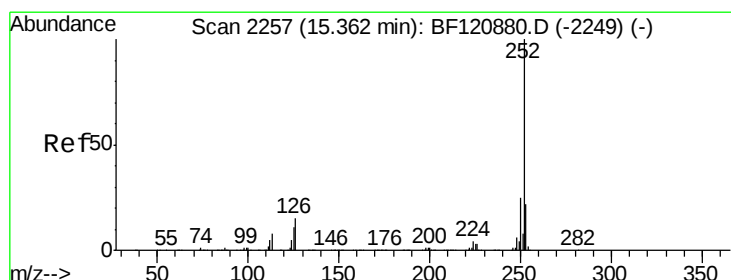
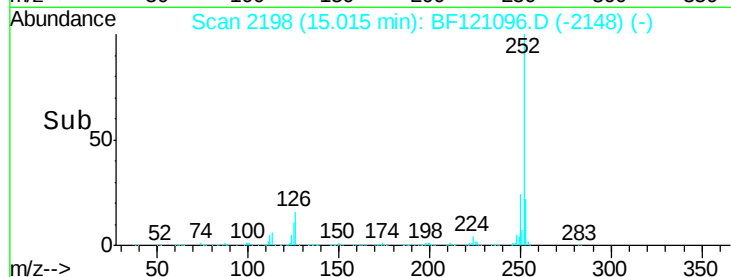
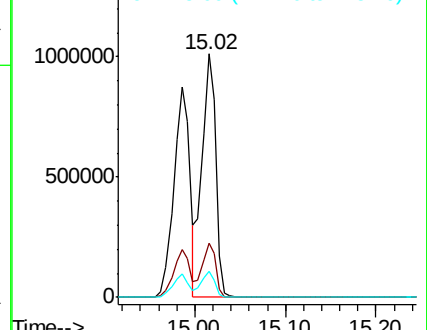
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.324 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF121096.D

Acq: 29 Jul 2020 12:06

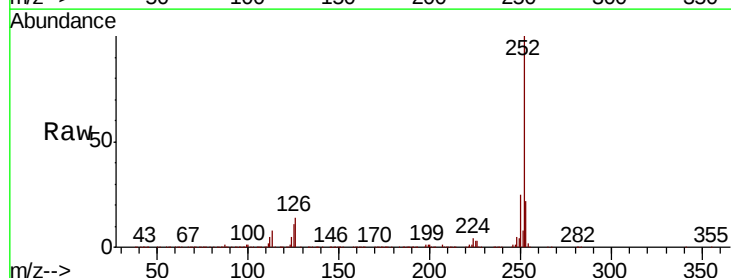
Tgt Ion:252 Resp: 1002807

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

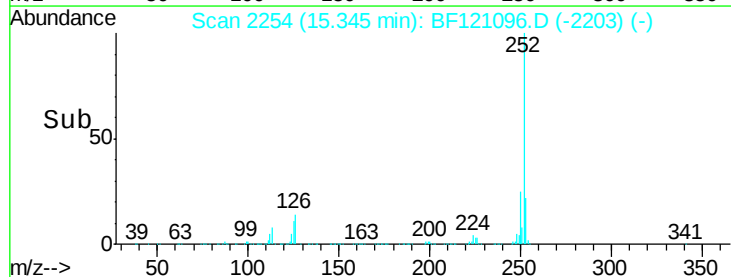
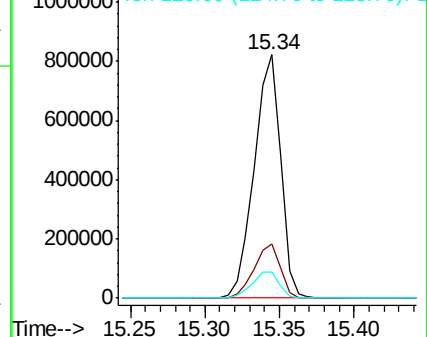
125 10.7 9.5 14.3

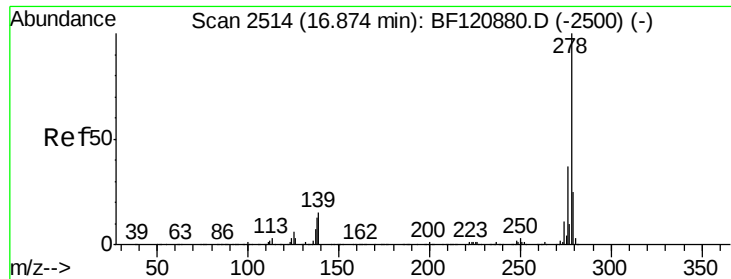


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





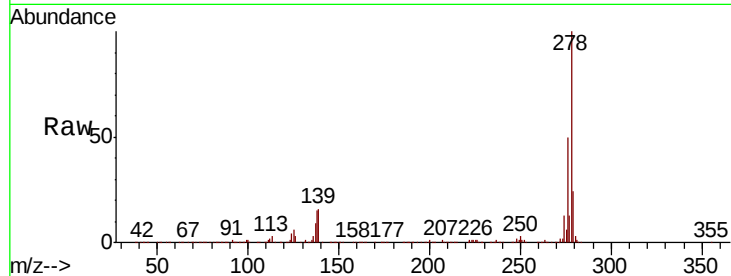
#91
Dibenzo(a,h)anthracene
Concen: 39.925 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB130545BS

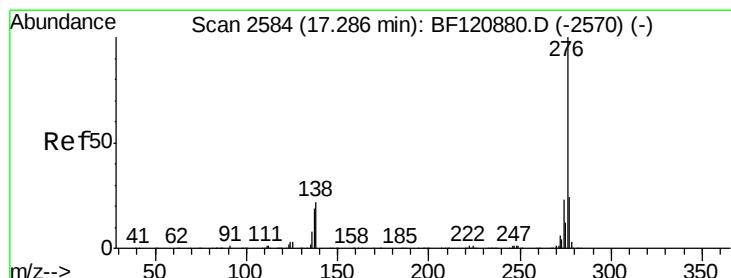
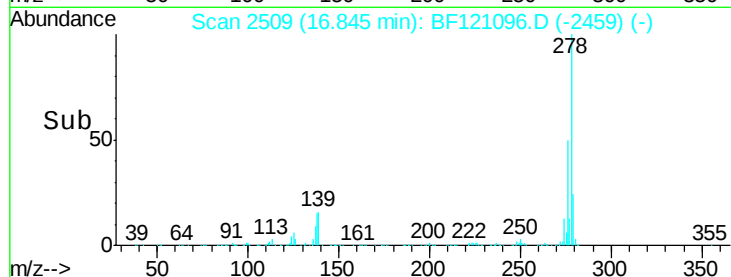
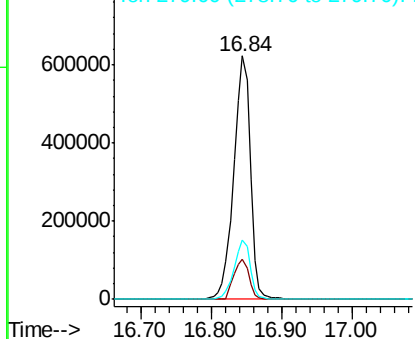
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	24.5	19.5	29.3

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.247 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF121096.D
Acq: 29 Jul 2020 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	20.9	17.2	25.8

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

