

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121161.D
 Acq On : 31 Jul 2020 16:40
 Operator : JU/CG
 Sample : L3518-27MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:53 PM

Quant Time: Jul 31 17:51:08 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	133930	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	508866	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	259860	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	486443	20.00	ng	0.00
76) Chrysene-d12	13.97	240	323404	20.00	ng	0.00
86) Perylene-d12	15.42	264	295261	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	537810	65.83	ng	0.00
7) Phenol-d6	6.44	99	673456	63.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	442239	50.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	188514	66.27	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	857752	49.28	ng	0.00
79) Terphenyl-d14	12.91	244	854368	57.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	156512	41.626	ng	99
3) Pyridine	3.29	79	366296	36.622	ng	98
4) n-Nitrosodimethylamine	3.25	42	178700	41.781	ng	100
6) Aniline	6.46	93	457681	33.224	ng	# 81
8) 2-Chlorophenol	6.59	128	400290	44.477	ng	97
9) Benzaldehyde	6.35	77	264404	58.314	ng	100
10) Phenol	6.45	94	472388	40.692	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	376574	42.327	ng	99
12) 1,3-Dichlorobenzene	6.74	146	406784	41.682	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409904	42.240	ng	99
14) 1,2-Dichlorobenzene	6.97	146	395117	43.039	ng	98
15) Benzyl Alcohol	6.95	79	318517	42.679	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	502895	39.217	ng	99
17) 2-Methylphenol	7.06	107	312635	39.192	ng	99
18) Hexachloroethane	7.31	117	151242	43.060	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	235726	39.282	ng	96
20) 3+4-Methylphenols	7.21	107	360420	35.518	ng	# 87
22) Acetophenone	7.21	105	488247	42.752	ng	# 96
24) Nitrobenzene	7.38	77	398458	42.038	ng	99
25) Isophorone	7.62	82	719745	41.008	ng	98
26) 2-Nitrophenol	7.70	139	213929	47.522	ng	98
27) 2,4-Dimethylphenol	7.74	122	343457	46.991	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	463128	43.227	ng	99
29) 2,4-Dichlorophenol	7.95	162	319583	42.790	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	351824	42.459	ng	98
31) Naphthalene	8.10	128	1097292	42.038	ng	100
32) Benzoic acid	7.87	122	158856	28.954	ng	98
33) 4-Chloroaniline	8.15	127	327009	28.084	ng	99
34) Hexachlorobutadiene	8.22	225	199579	40.857	ng	98
35) Caprolactam	8.53	113	100800m	42.086	ng	
36) 4-Chloro-3-methylphenol	8.65	107	330734	43.178	ng	99
37) 2-Methylnaphthalene	8.79	142	740290	43.679	ng	100
38) 1-Methylnaphthalene	8.89	142	692785	43.159	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	338535	44.713	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	298645	71.370	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	231782	43.480	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	242335	40.076	ng	99
46) 1,1'-Biphenyl	9.26	154	874113	44.098	ng	99
47) 2-Chloronaphthalene	9.29	162	681603	42.176	ng	99
48) 2-Nitroaniline	9.39	65	209533	42.902	ng	93
49) Acenaphthylene	9.70	152	1090186	43.422	ng	99
50) Dimethylphthalate	9.56	163	874063	46.623	ng	100
51) 2,6-Dinitrotoluene	9.63	165	178434	44.302	ng	96
52) Acenaphthene	9.87	154	627816	39.332	ng	100
53) 3-Nitroaniline	9.79	138	141155	27.943	ng	95
54) 2,4-Dinitrophenol	9.91	184	122272	55.070	ng	97
55) Dibenzofuran	10.05	168	954022	41.331	ng	98
56) 4-Nitrophenol	9.97	139	267256	69.649	ng	98
57) 2,4-Dinitrotoluene	10.03	165	228924	43.281	ng	92
58) Fluorene	10.39	166	708380	41.148	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	199674	43.370	ng	99
60) Diethylphthalate	10.26	149	783769	41.333	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	346166	37.699	ng	98
62) 4-Nitroaniline	10.41	138	190866	38.789	ng	94
63) Azobenzene	10.54	77	736279	40.785	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	98552	36.046	ng	93
66) n-Nitrosodiphenylamine	10.50	169	674397	44.071	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	230505	42.501	ng	98
68) Hexachlorobenzene	10.94	284	256906	43.790	ng	95
69) Atrazine	11.03	200	186439	49.195	ng	98
70) Pentachlorophenol	11.14	266	242363	72.111	ng	98
71) Phenanthrene	11.35	178	1051620	42.035	ng	100
72) Anthracene	11.40	178	1101113	43.831	ng	99
73) Carbazole	11.56	167	1008551	40.454	ng	99
74) Di-n-butylphthalate	11.89	149	1207518	41.971	ng	99
75) Fluoranthene	12.54	202	1137764	41.029	ng	98
77) Benzidine	12.66	184	563891	66.318	ng	99
78) Pyrene	12.77	202	1141473	49.923	ng	99
80) Butylbenzylphthalate	13.39	149	501187	49.171	ng	97
81) Benzo(a)anthracene	13.96	228	875208	44.691	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	275111	37.236	ng	99
83) Chrysene	14.00	228	865442	42.052	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	641937	51.073	ng	99
85) Di-n-octyl phthalate	14.56	149	1059335	42.363	ng	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	956911	46.601	ng	99
88) Benzo(b)fluoranthene	15.00	252	769124	43.094	ng	100
89) Benzo(k)fluoranthene	15.03	252	770515	47.338	ng	99
90) Benzo(a)pyrene	15.36	252	709397	43.566	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	788306	46.997	ng	100
92) Benzo(g,h,i)perylene	17.29	276	847586	51.249	ng	100

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



#1

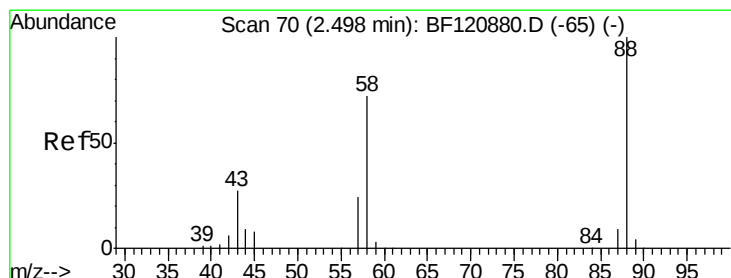
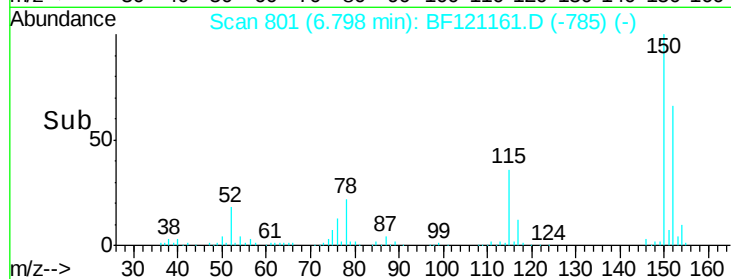
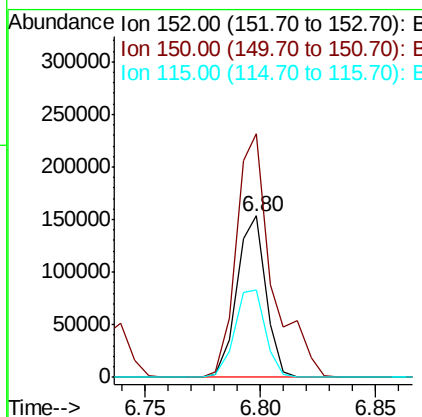
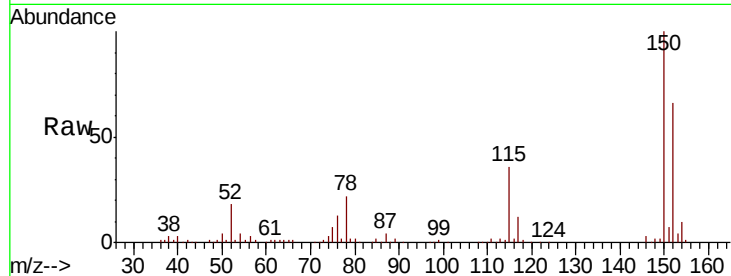
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	125.6	188.4
115	54.7	46.2	69.2

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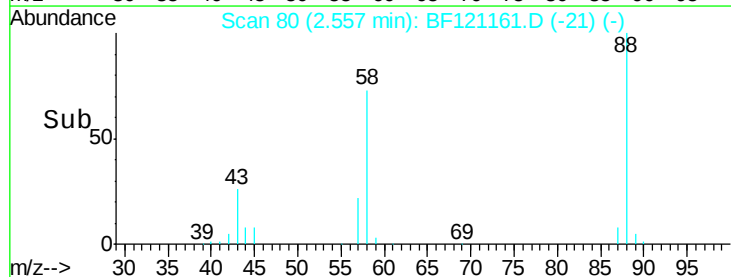
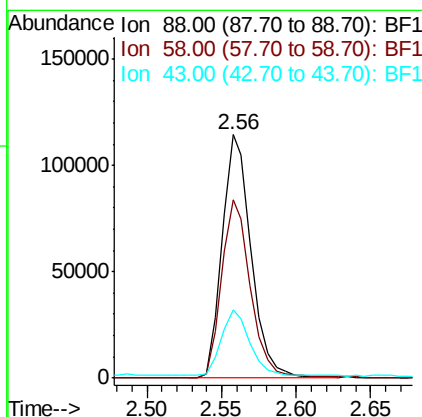
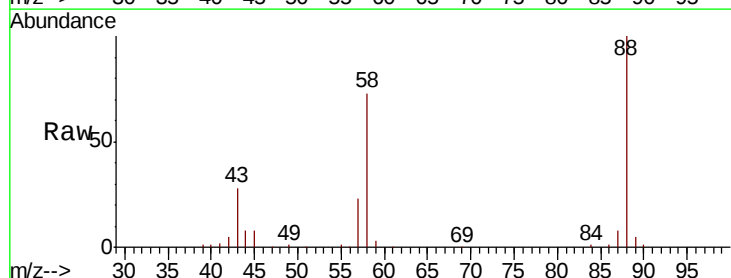
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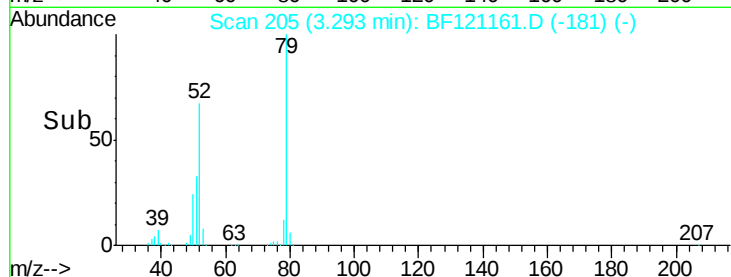
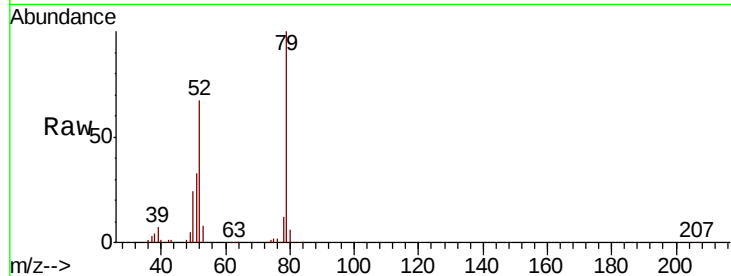
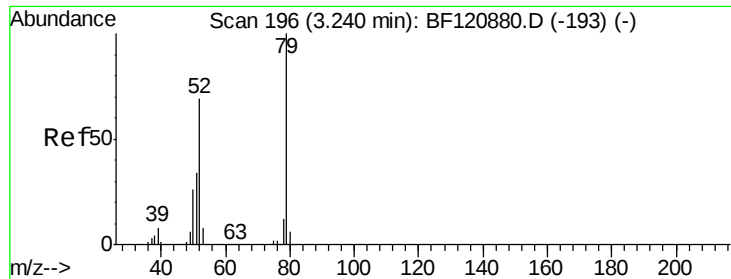


#2

1,4-Dioxane
Concen: 41.626 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.05 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.2	87.4
43	26.0	21.3	31.9





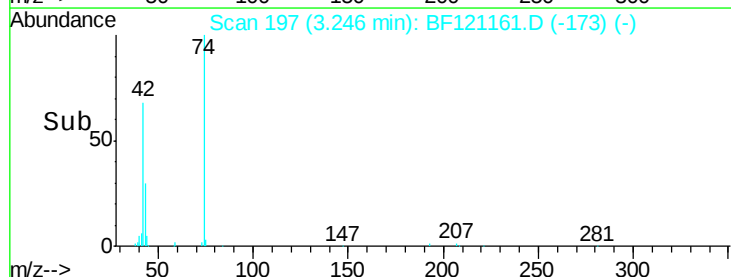
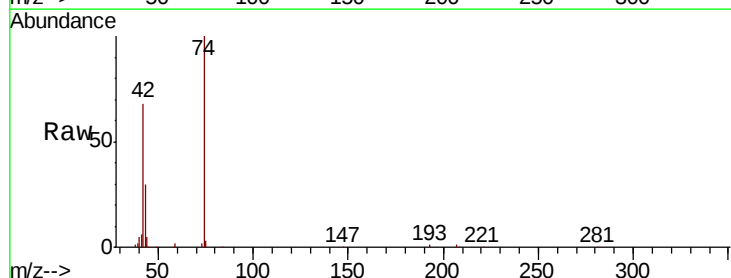
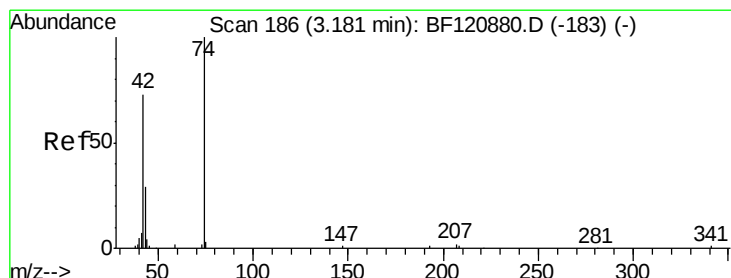
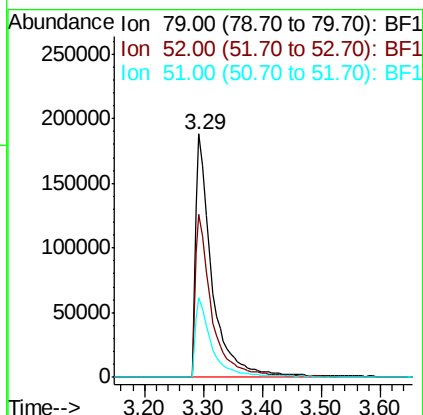
#3
Pvridine
Concen: 36.622 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.04 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100	366296		
52	67.1		54.9	82.3
51	32.8		27.4	41.0

Instrument :
BNA_F
ClientSampleId :
TP-9MS

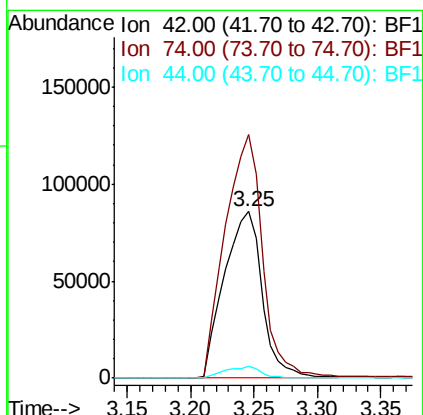
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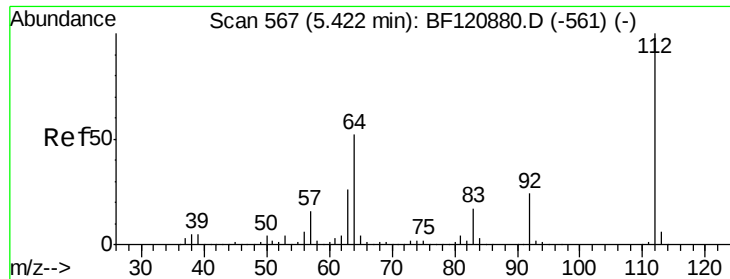
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#4
n-Nitrosodimethylamine
Concen: 41.781 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.04 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	178700		
74	146.1		117.3	175.9
44	6.9		5.9	8.9





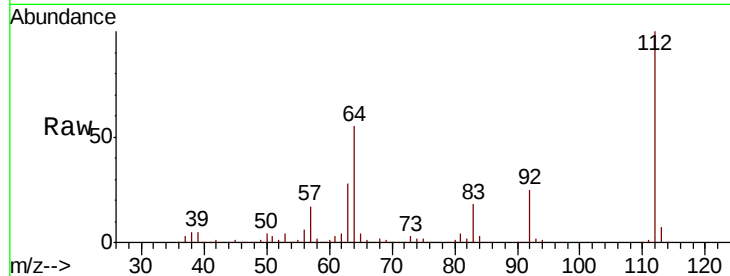
#5
2-Fluorophenol
Concen: 65.830 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

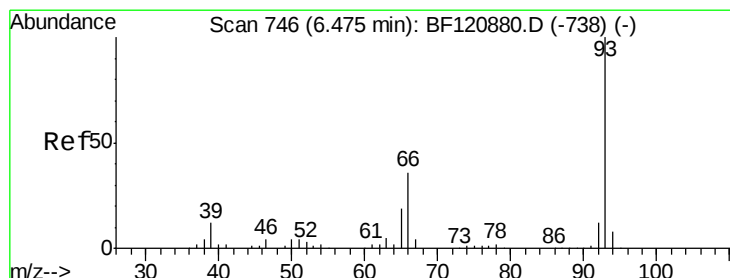
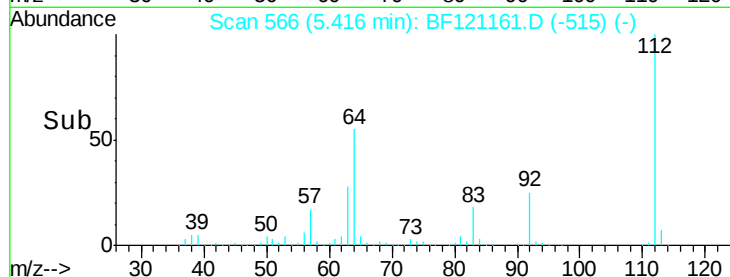
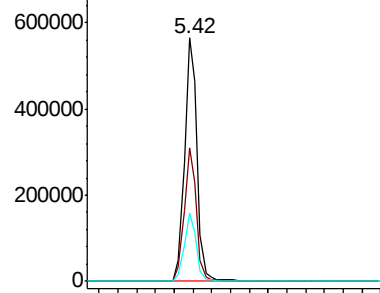
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.7	43.9	65.9
63	27.8	22.7	34.1

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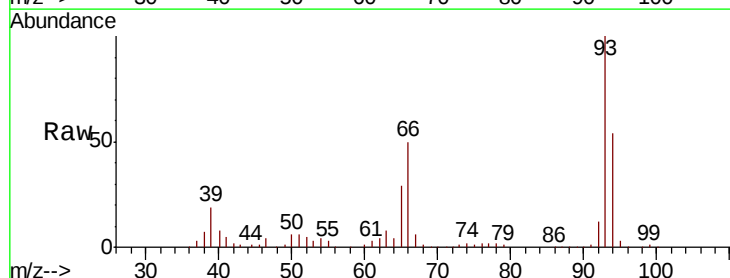


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

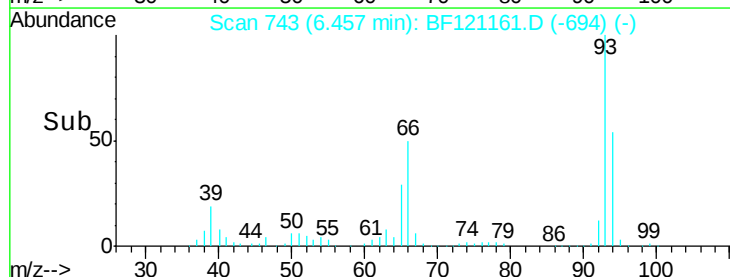
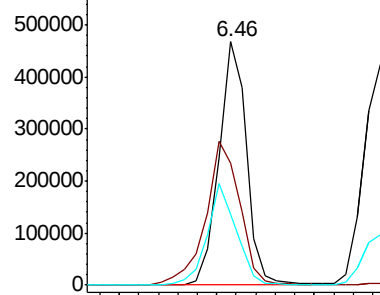


#6
Aniline
Concen: 33.224 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	50.1	31.0	46.4#
65	29.1	16.2	24.4#



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





#7

Phenol-d6

Concen: 63.816 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

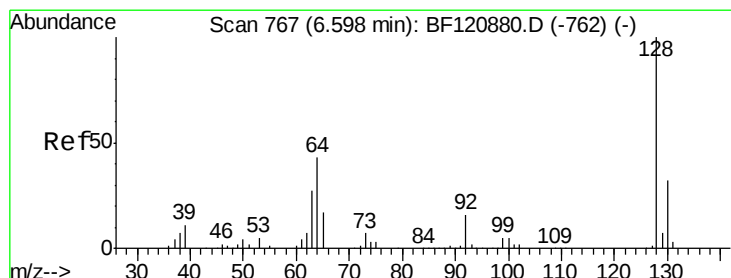
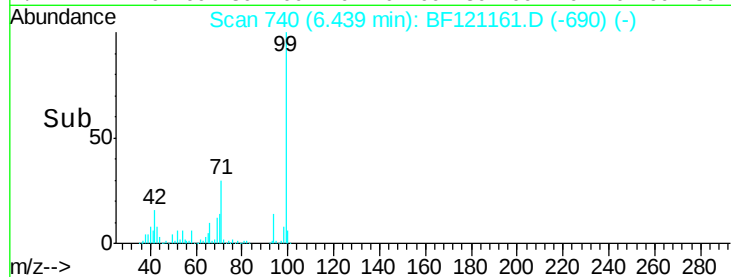
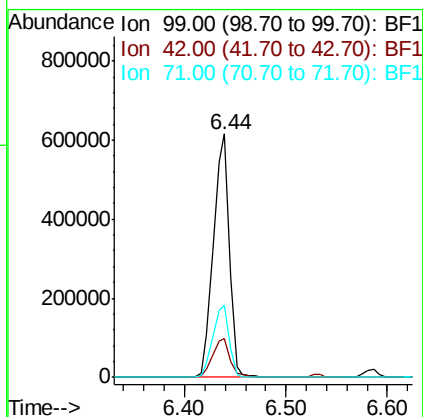
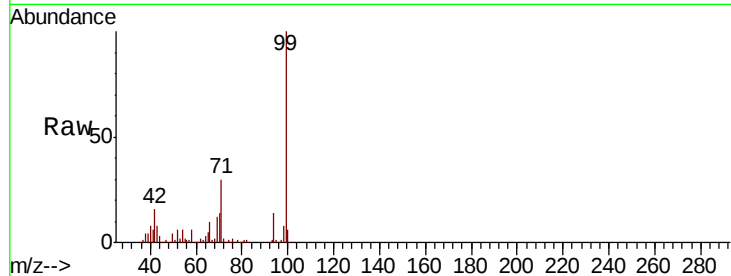
ClientSampleId :

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Tot Ion:	99	Resp:	673456
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	29.8	25.0	37.4

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#8

2-Chlorophenol

Concen: 44.477 ng

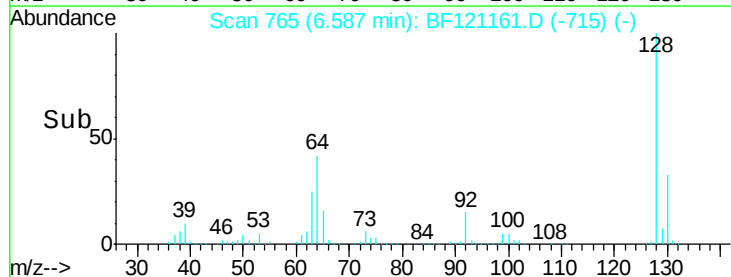
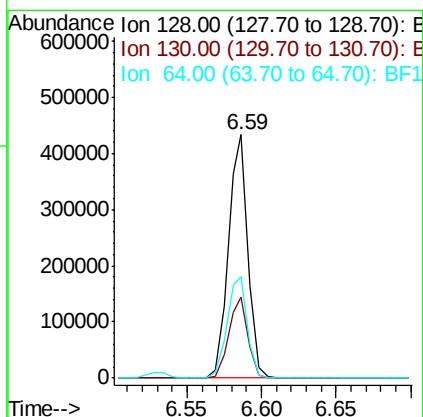
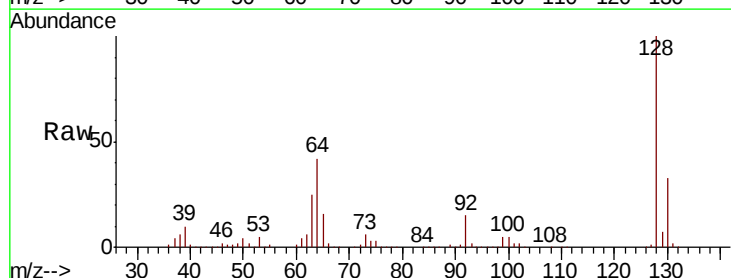
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	128	Resp:	400290
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.7	52.7
64	41.5	23.8	63.8





#9

Benzaldehyde

Concen: 58.314 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

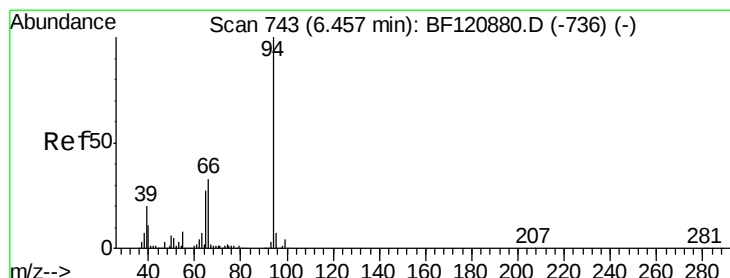
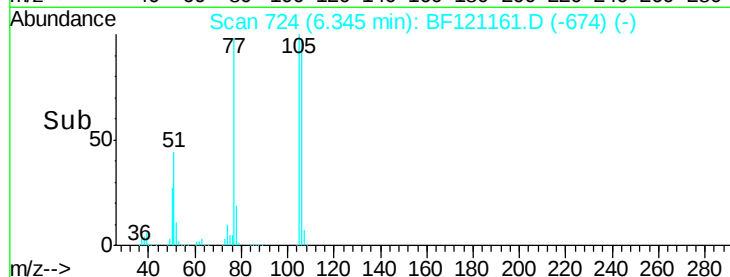
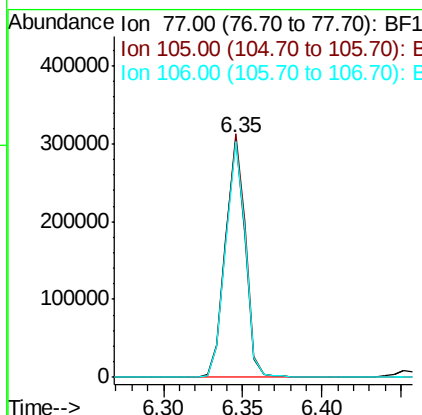
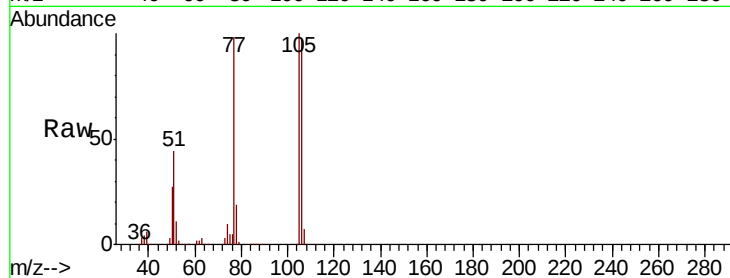
ClientSampleId :

TP-9MS

Tot Ion:	77	Resp:	264404
Ion Ratio	Lower	Upper	
77	100		
105	101.9	82.4	122.4
106	98.5	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 40.692 ng

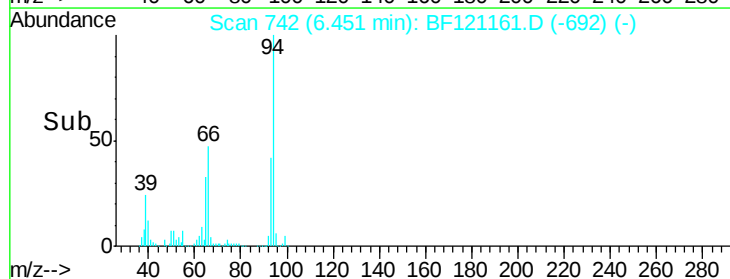
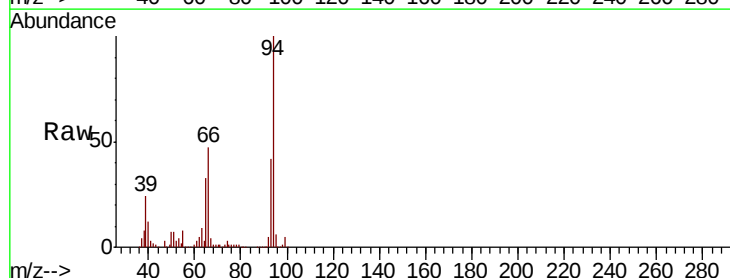
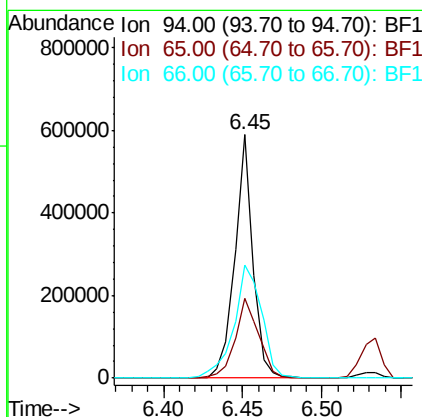
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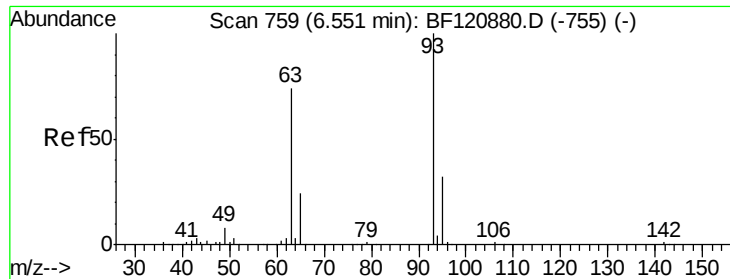
Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	94	Resp:	472388
Ion Ratio	Lower	Upper	
94	100		
65	33.0	12.6	52.6
66	46.7	25.6	65.6





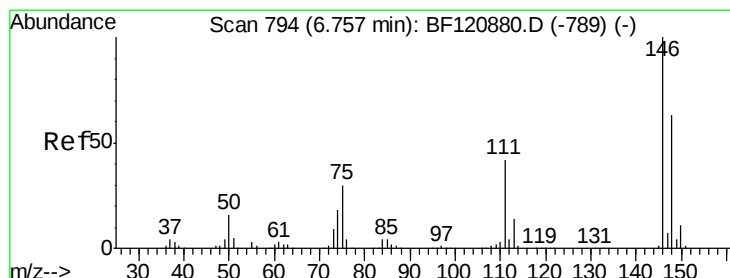
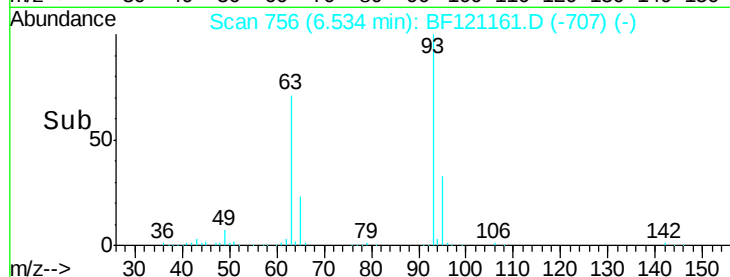
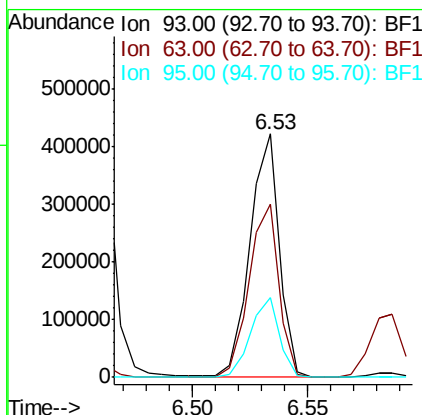
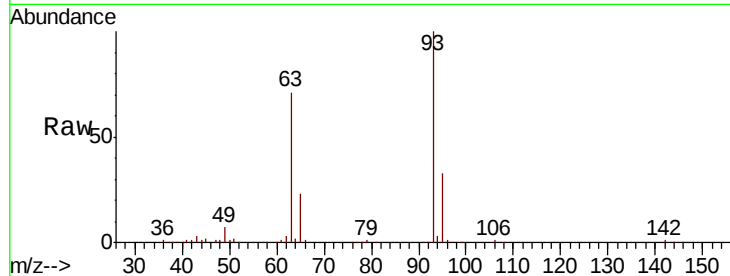
#11
bis(2-Chloroethyl)ether
Concen: 42.327 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion:	93	Resp:	376574
Ion	Ratio	Lower	Upper
93	100		
63	70.9	51.9	91.9
95	33.0	13.2	53.2

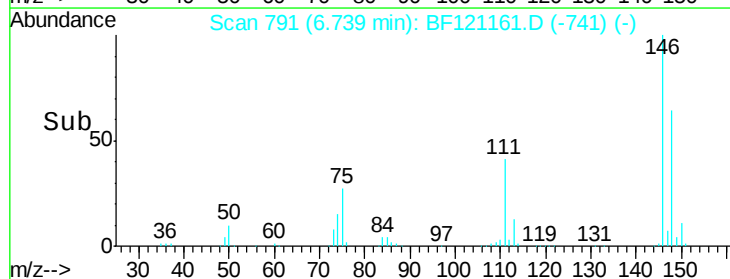
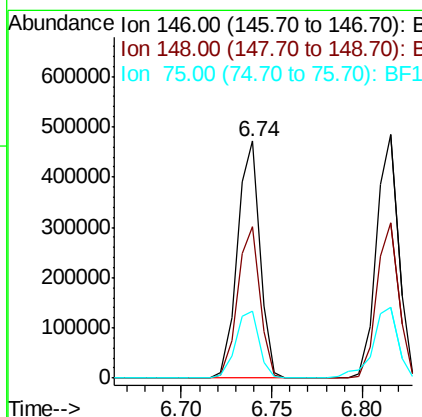
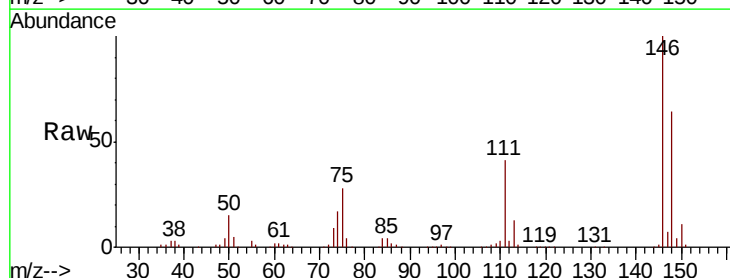
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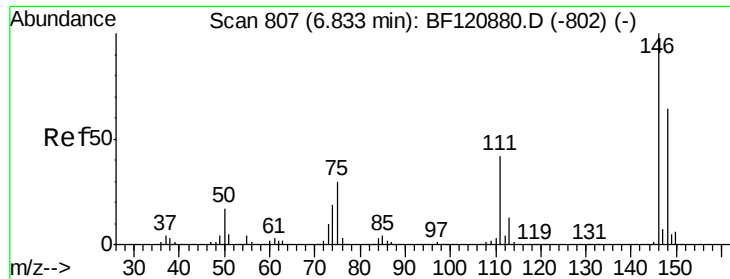
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.682 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion:	146	Resp:	406784
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
75	28.2	23.8	35.6





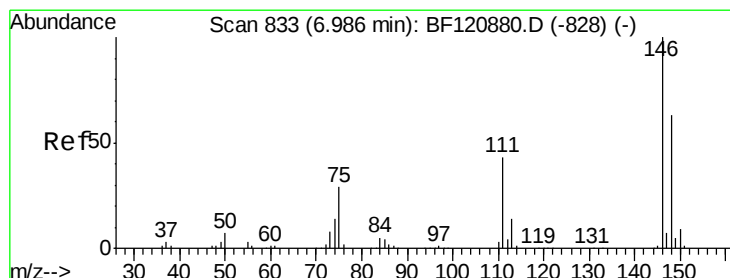
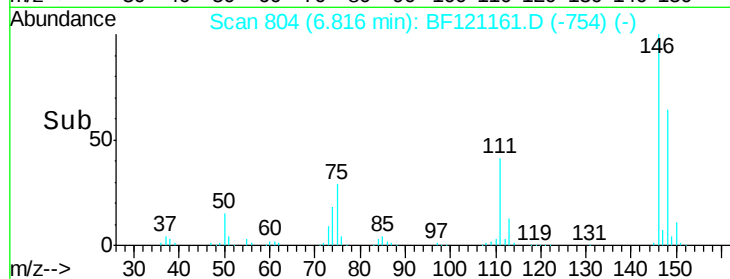
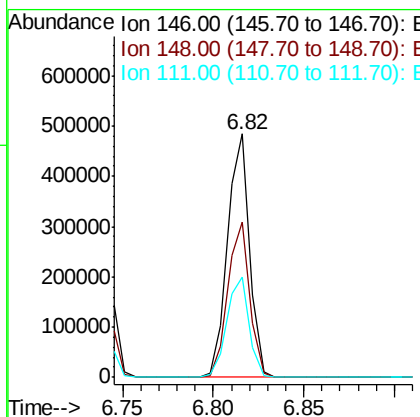
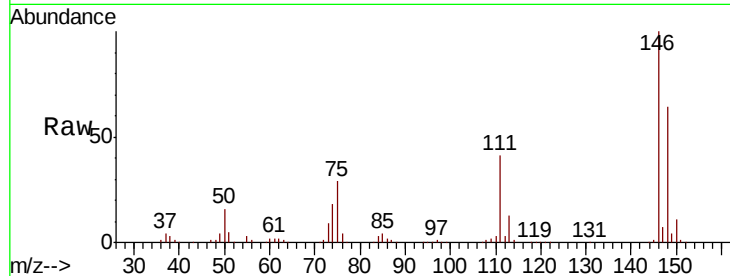
#13
 1,4-Dichlorobenzene
 Concen: 42.240 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	41.2	32.8	49.2

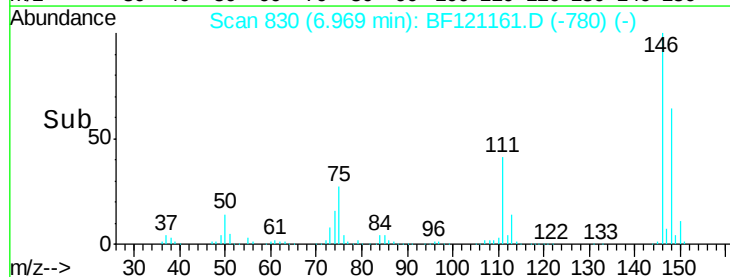
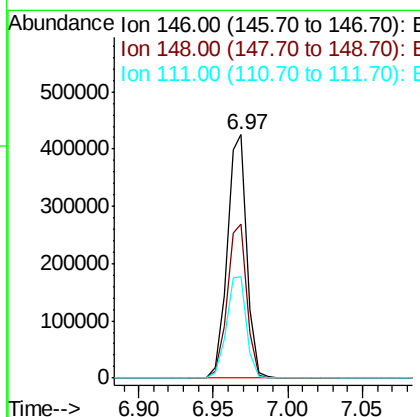
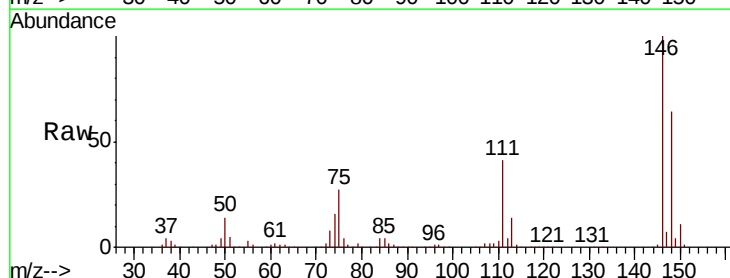
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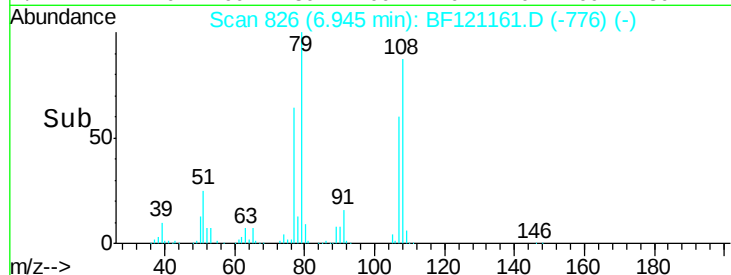
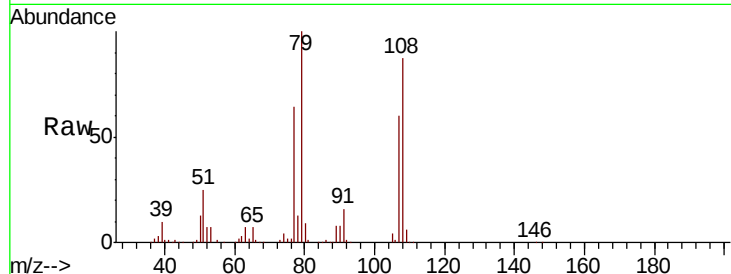
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#14
 1,2-Dichlorobenzene
 Concen: 43.039 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.5	35.4	53.0





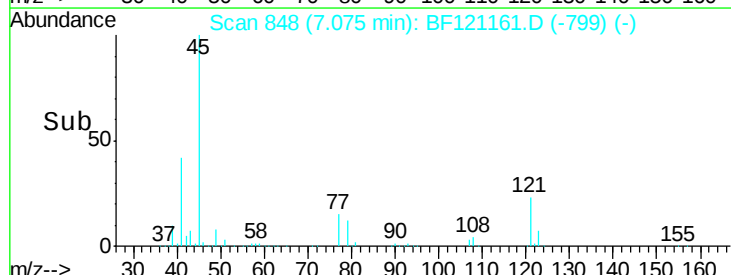
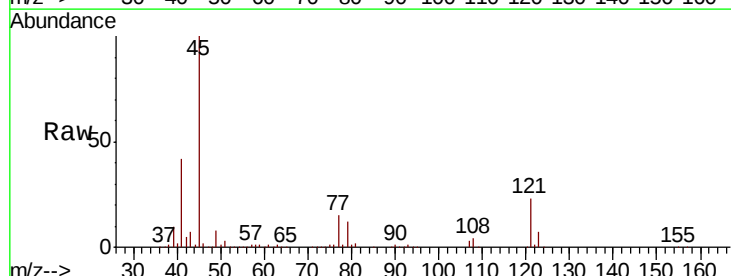
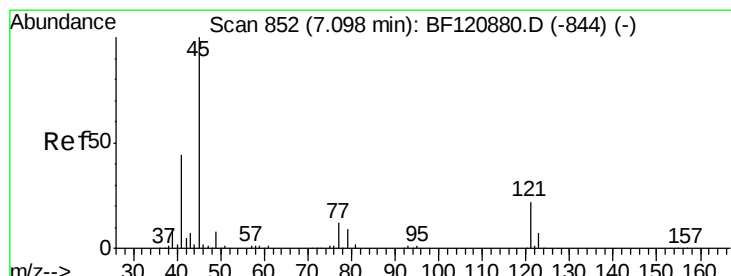
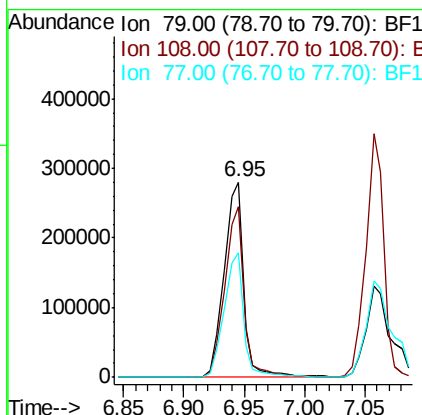
#15
Benzyl Alcohol
Concen: 42.679 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	87.2	68.6	103.0	
77	63.7	51.4	77.2	

Instrument :
BNA_F
ClientSampleId :
TP-9MS

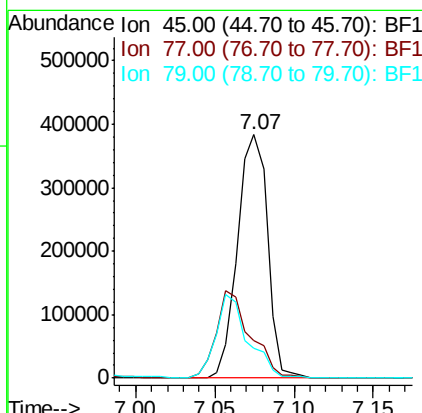
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.217 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.2	0.0	34.7	
79	12.4	0.0	32.0	





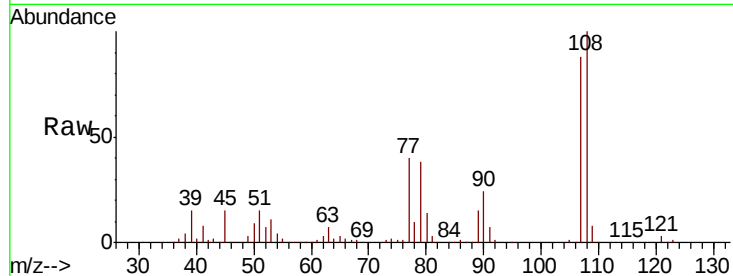
#17
2-Methylphenol
Concen: 39.192 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.2	136.8	
77	45.1	36.5	54.7	
79	42.8	35.0	52.6	

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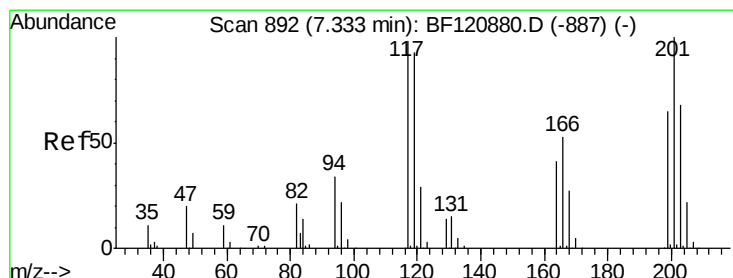
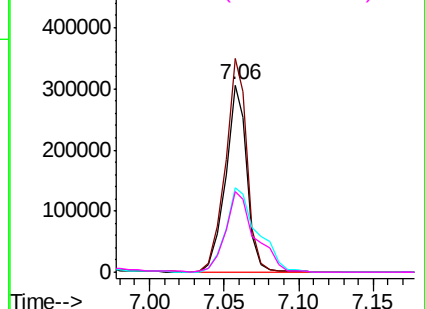
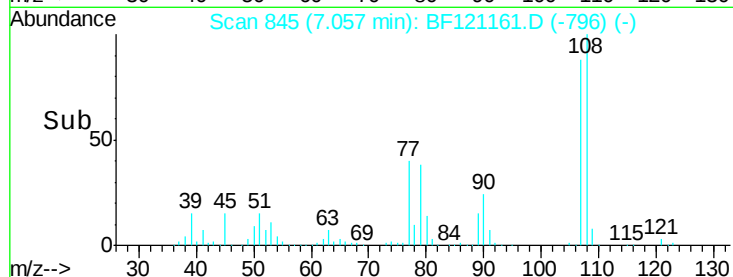
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

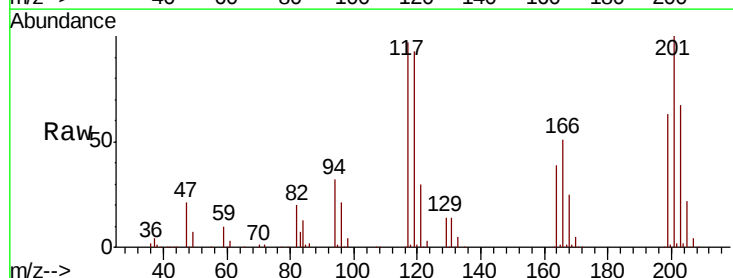
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.060 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.6	114.8	
201	103.6	75.0	112.4	

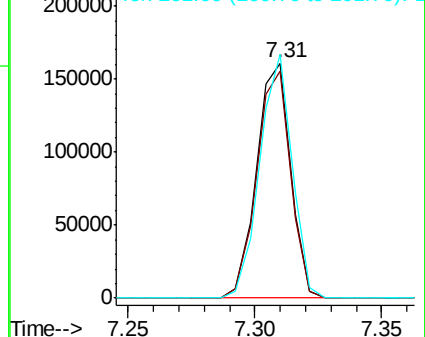
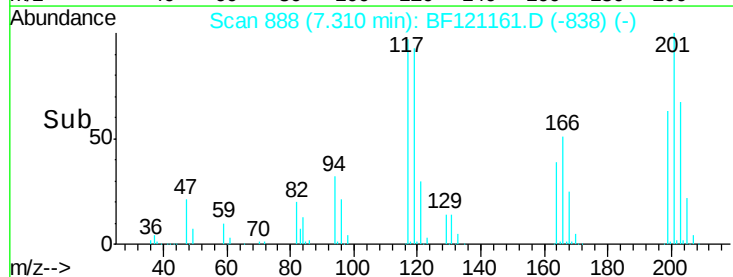


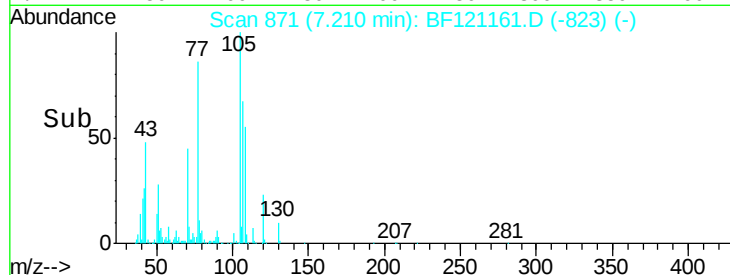
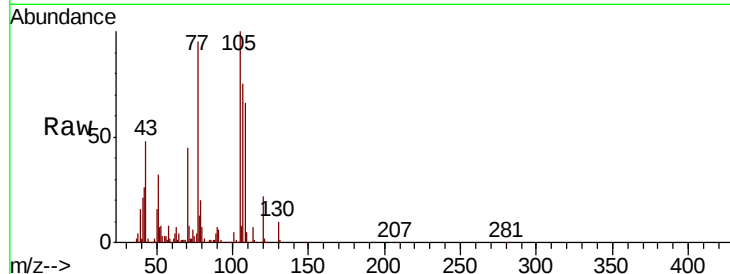
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





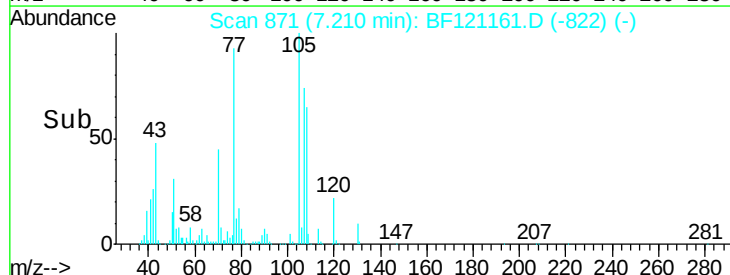
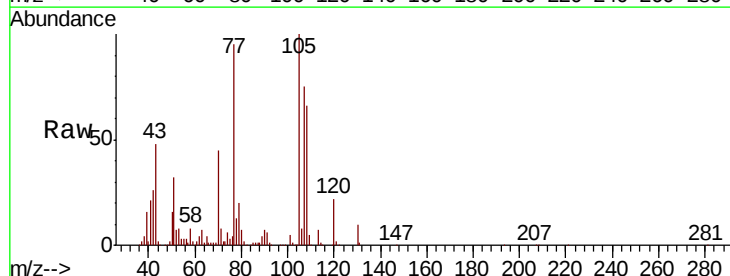
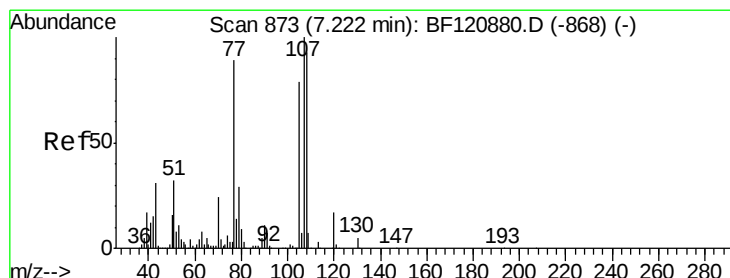
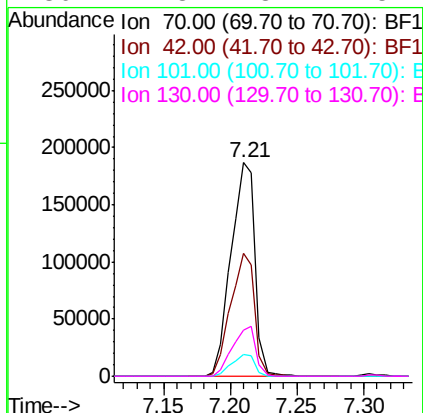
#19
n-Nitroso-di-n-propylamine
Concen: 39.282 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	43.3	64.9	
101	10.1	8.4	12.6	
130	21.8	18.7	28.1	

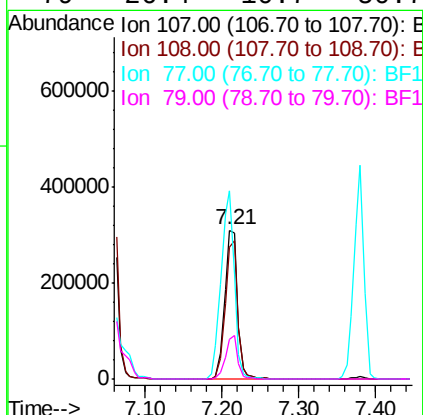
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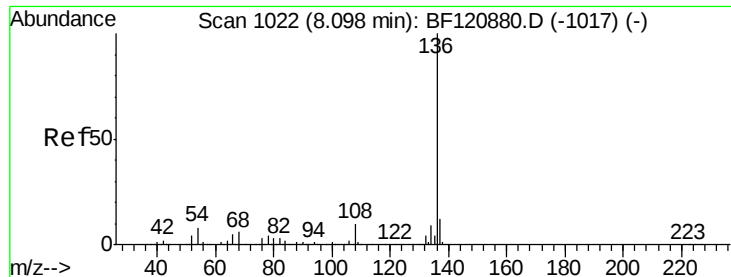
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#20
3+4-Methylphenols
Concen: 35.518 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	73.7	113.7	
77	126.7	84.9	124.9	
79	26.4	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

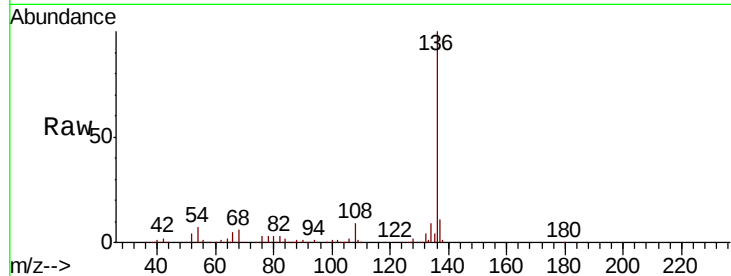
ClientSampleId :

TP-9MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		508866		
137	11.1		9.0	13.4	
54	7.2		6.1	9.1	
68	5.9		5.0	7.6	

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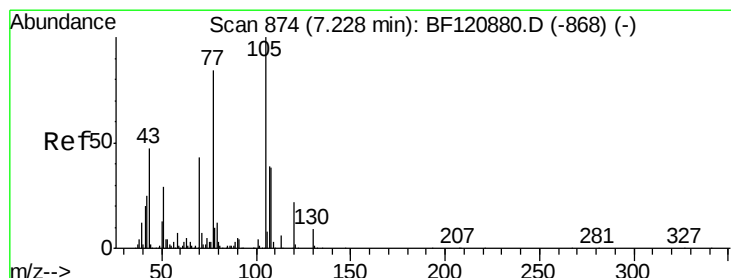
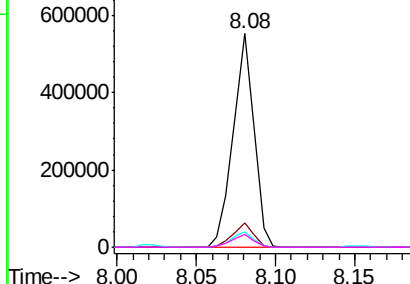
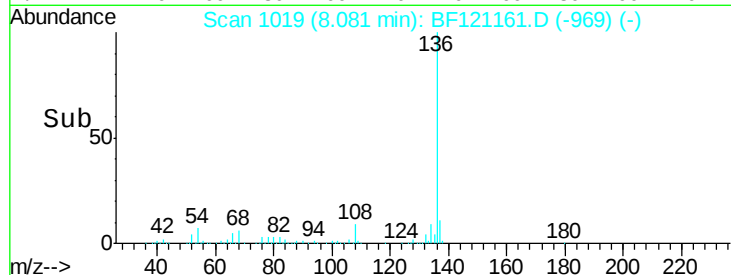
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.752 ng

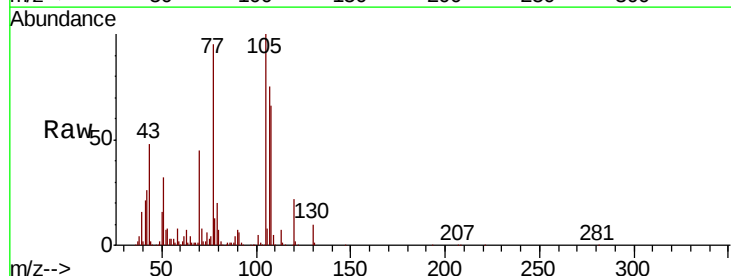
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		488247		
71	7.6		3.8	5.8#	
51	32.1		28.0	42.0	
120	22.4		17.8	26.6	



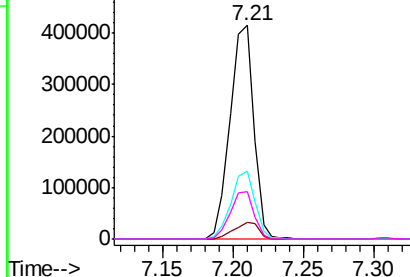
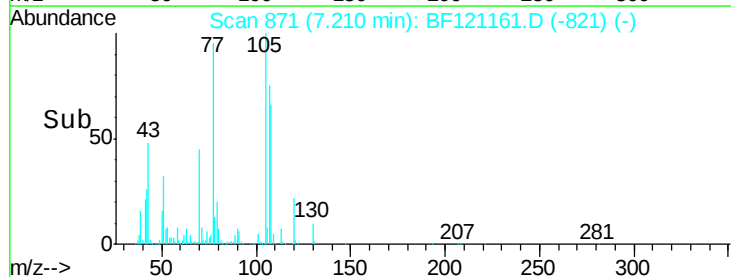
Abundance

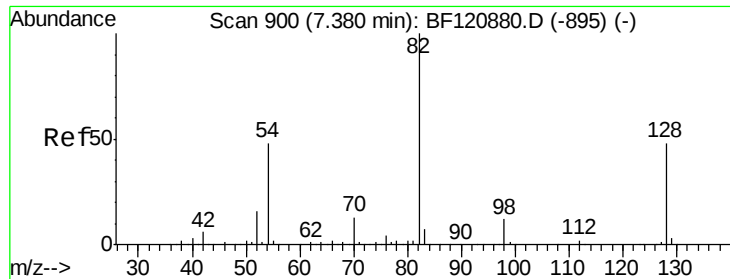
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





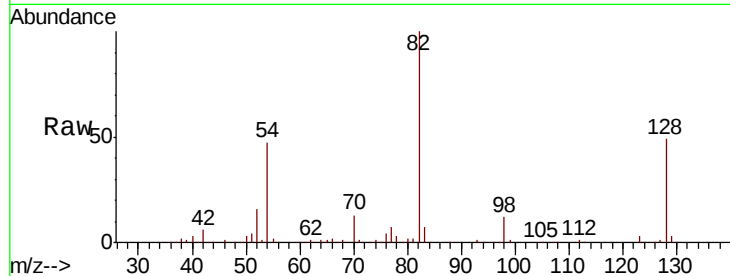
#23
Nitrobenzene-d5
Concen: 50.287 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

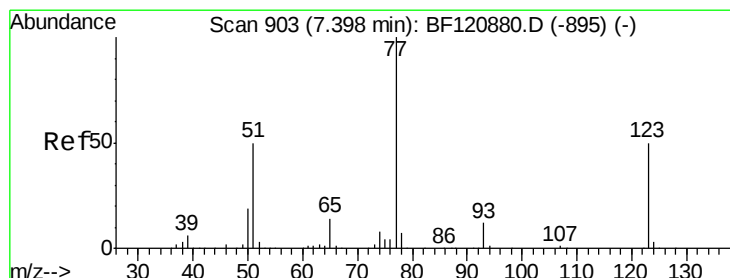
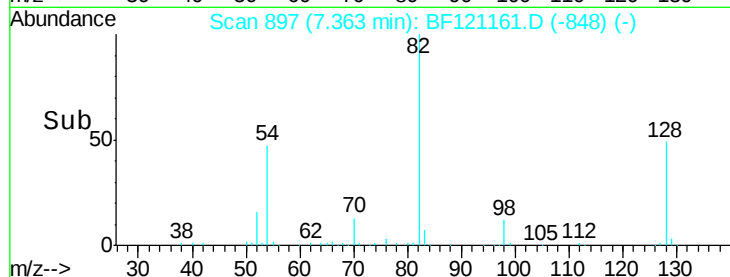
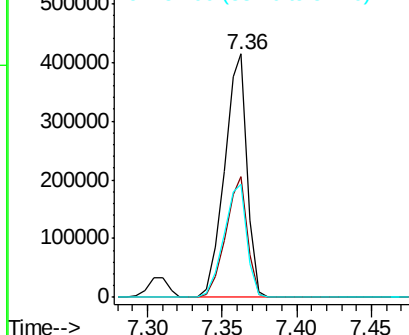
Tot Ion	82	Resp	442239
Ion Ratio	100	Lower	Upper
82	100		
128	49.4	39.2	58.8
54	46.7	37.8	56.8

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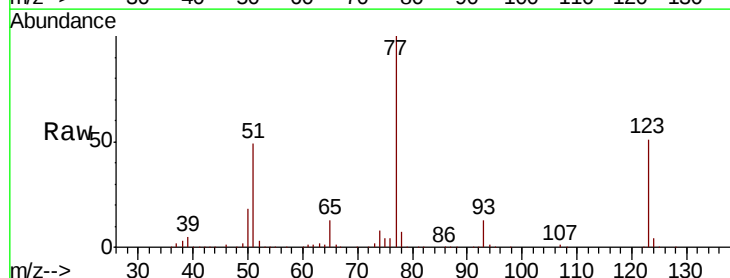


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

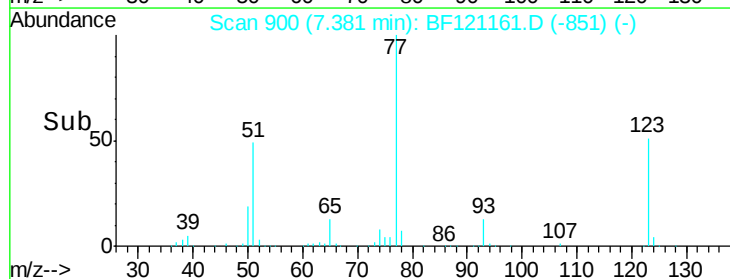
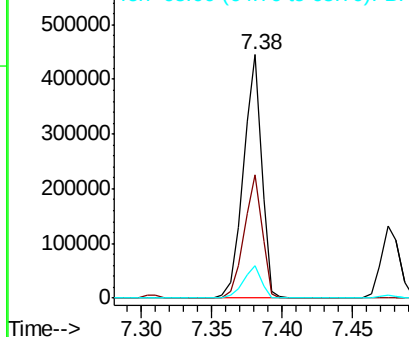


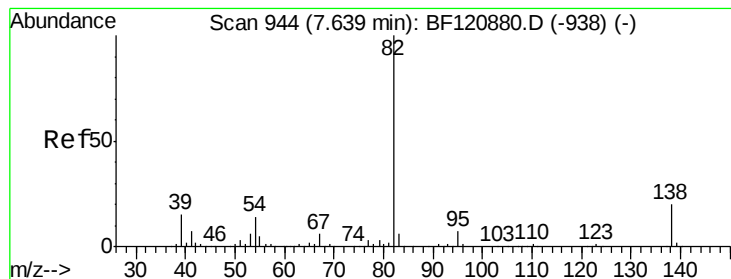
#24
Nitrobenzene
Concen: 42.038 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	77	Resp	398458
Ion Ratio	100	Lower	Upper
77	100		
123	50.6	41.0	61.6
65	13.2	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.008 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

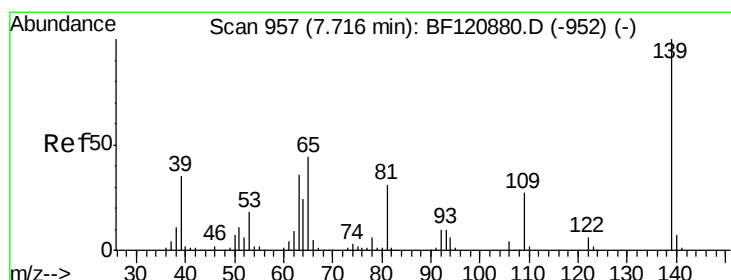
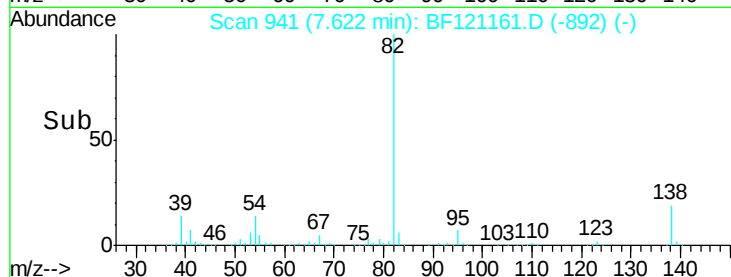
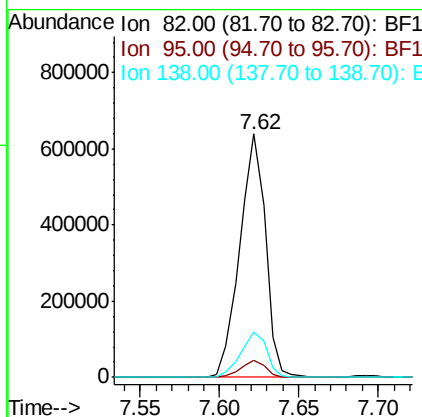
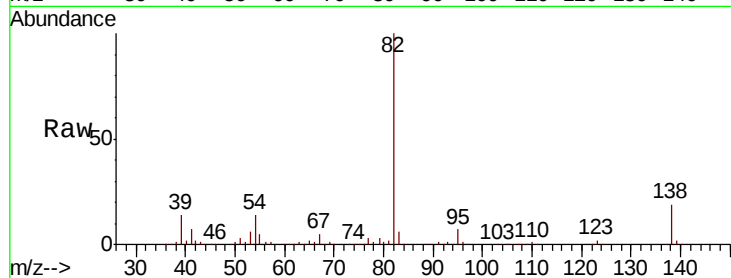
ClientSampleId :

TP-9MS

Tot Ion:	82	Resp:	719745
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.7	16.2	24.2

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#26

2-Nitrophenol

Concen: 47.522 ng

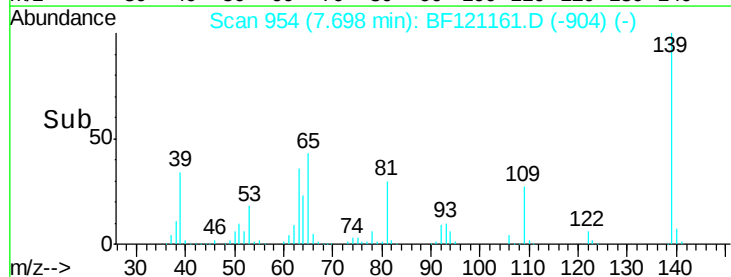
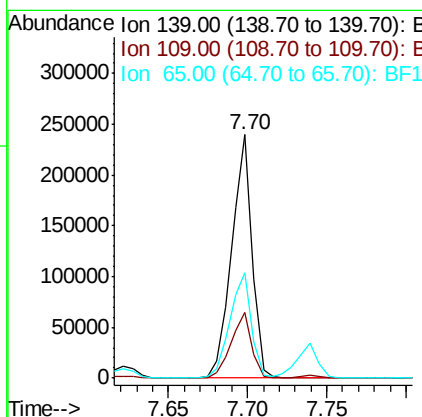
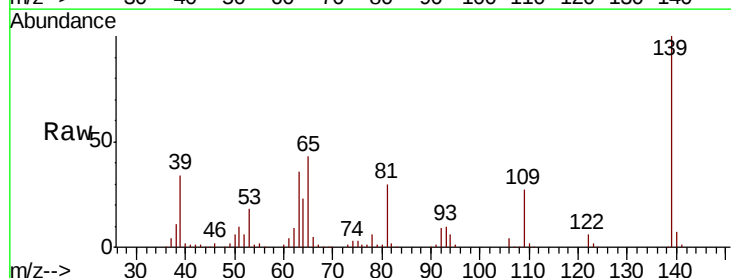
RT: 7.70 min Scan# 954

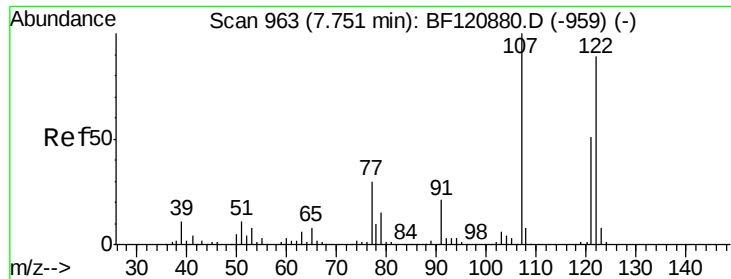
Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	139	Resp:	213929
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.7	32.5
65	43.4	36.3	54.5





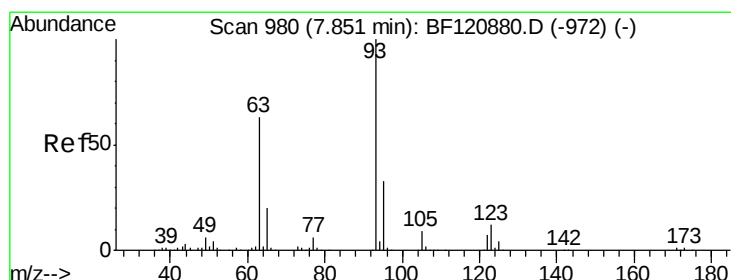
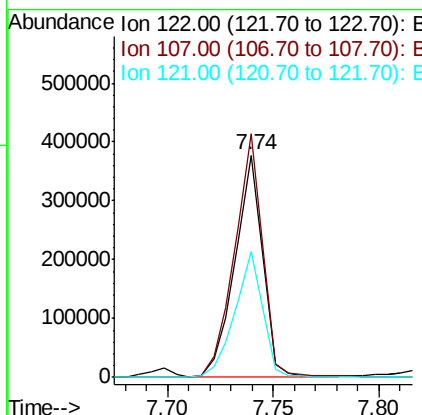
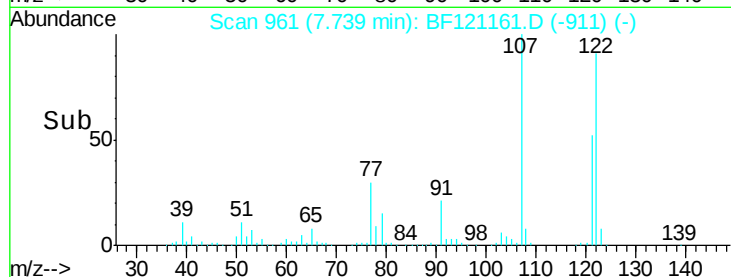
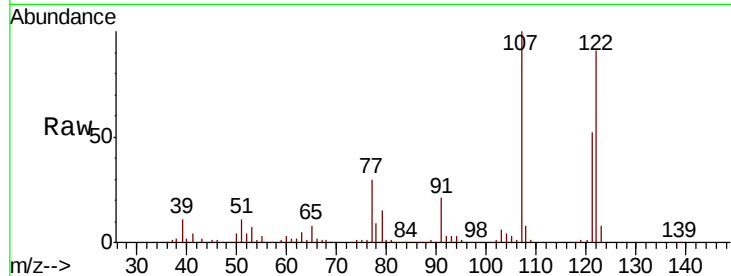
#27
2,4-Dimethylphenol
Concen: 46.991 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	87.1	130.7
121	56.8	45.5	68.3

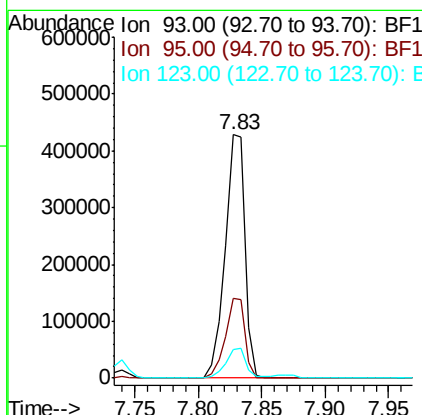
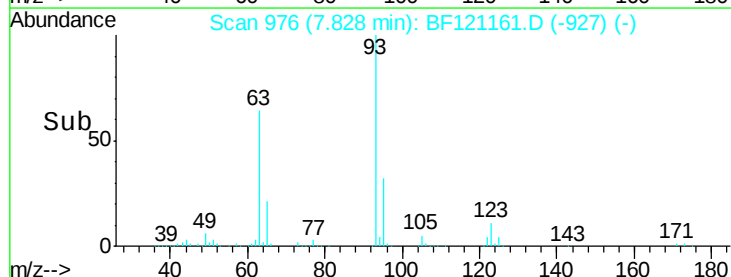
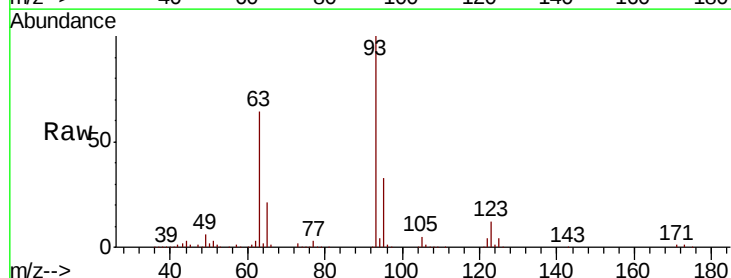
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#28
bis(2-Chloroethoxy)methane
Concen: 43.227 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.5	9.5	14.3





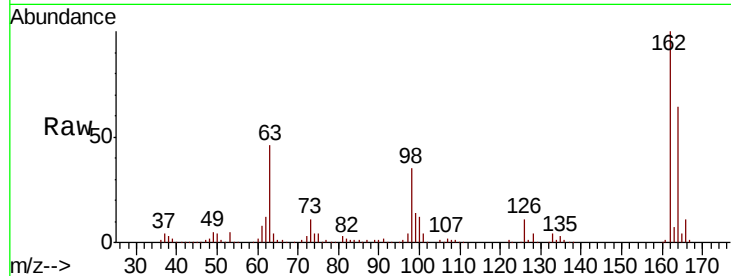
#29
2,4-Dichlorophenol
Concen: 42.790 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	319583		
164	63.9	44.7	84.7	
98	34.5	14.2	54.2	

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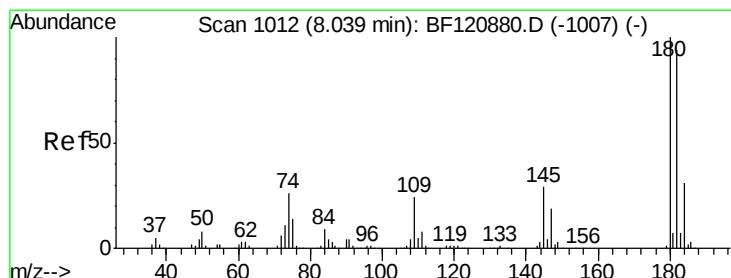
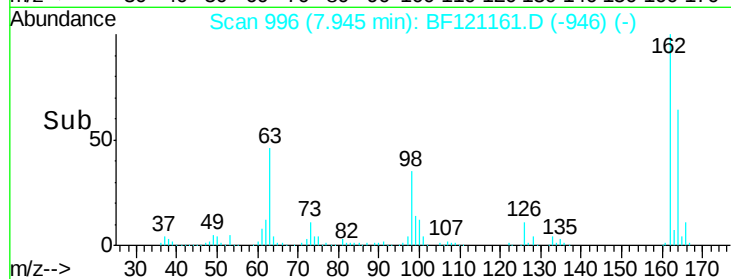
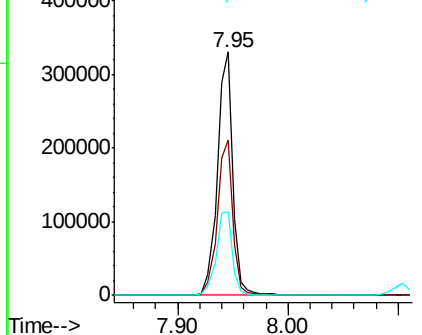


Abundance

Ion 162.00 (161.70 to 162.70): E

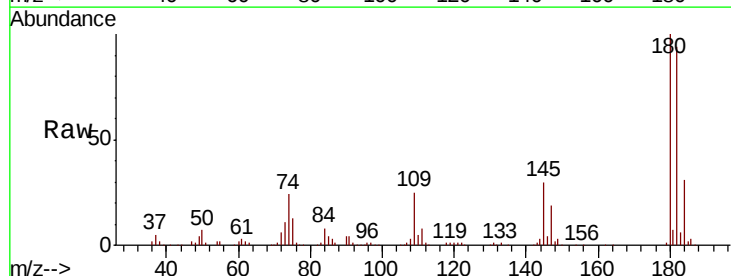
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.459 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351824		
182	93.5	76.4	114.6	
145	29.6	24.2	36.4	

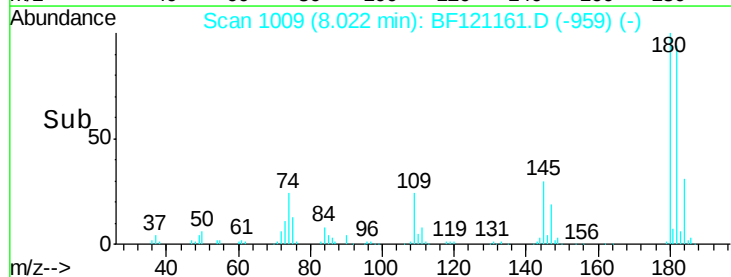
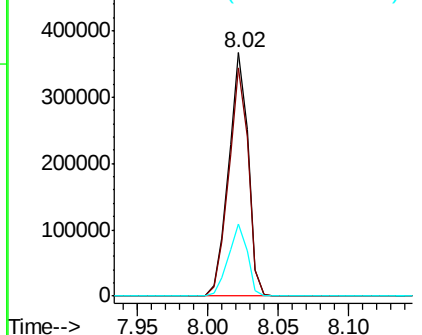


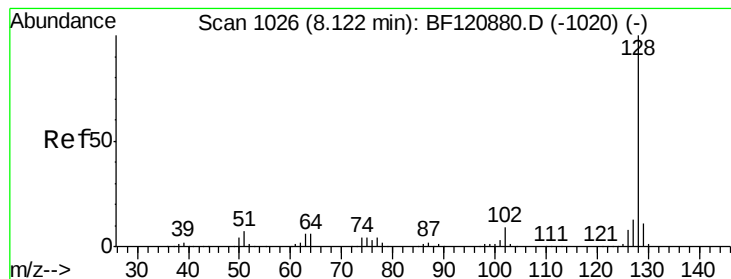
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.038 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tot Ion:128 Resp: 1097292

Ion Ratio Lower Upper

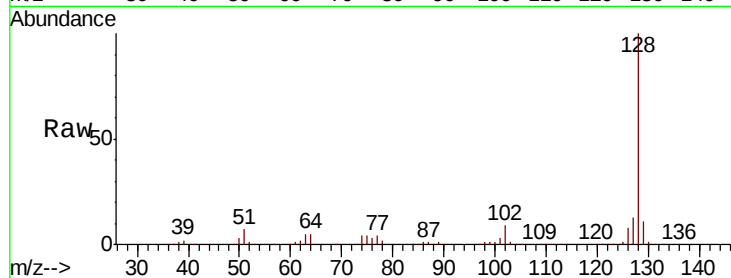
128 100

129 11.3 9.3 13.9

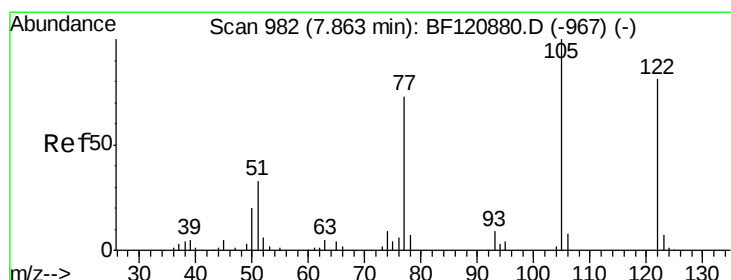
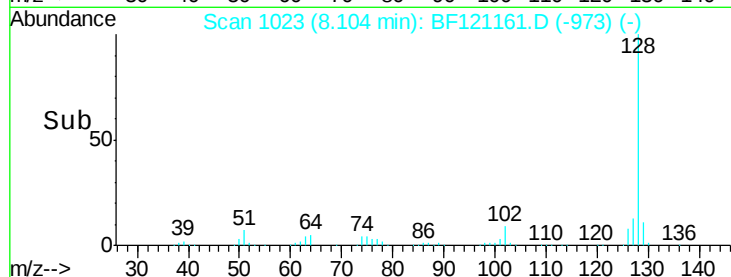
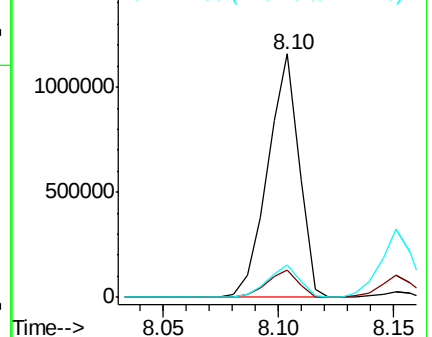
127 13.4 10.8 16.2

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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: 28.954 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

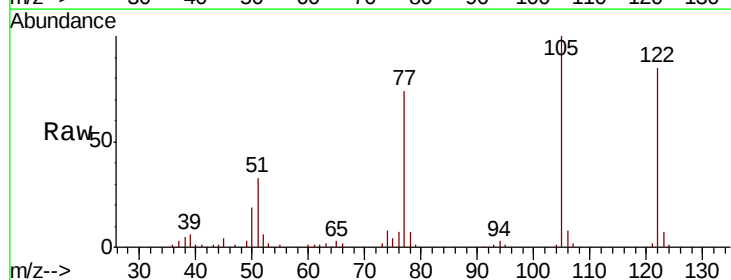
Tgt Ion:122 Resp: 158856

Ion Ratio Lower Upper

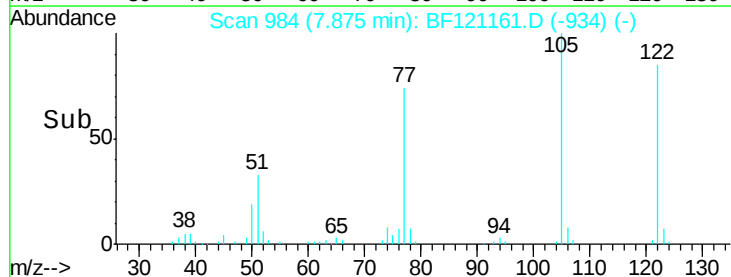
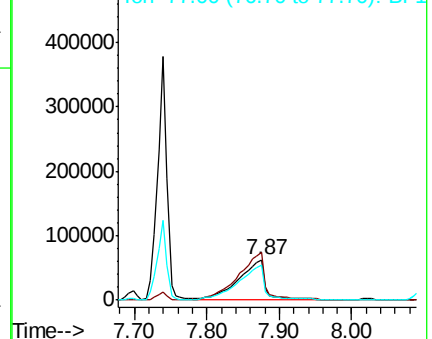
122 100

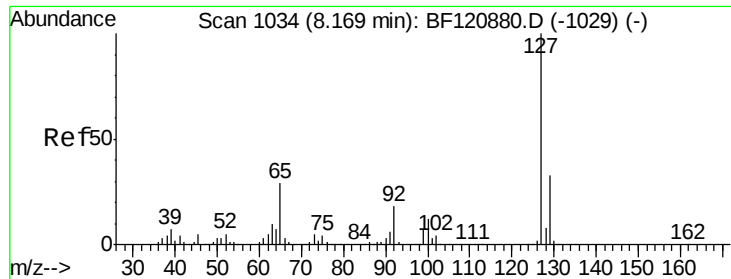
105 117.8 100.9 140.9

77 87.1 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





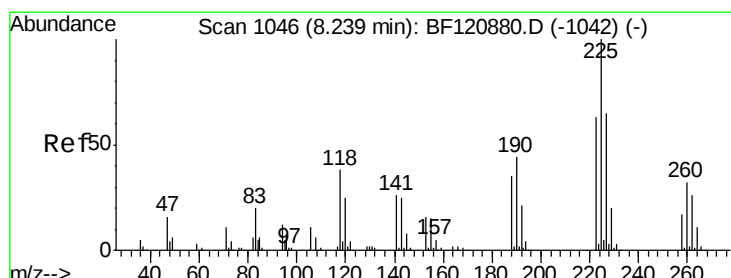
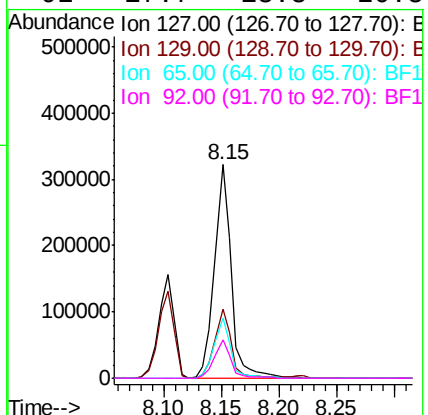
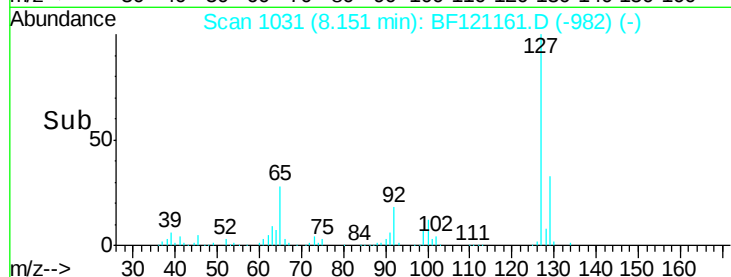
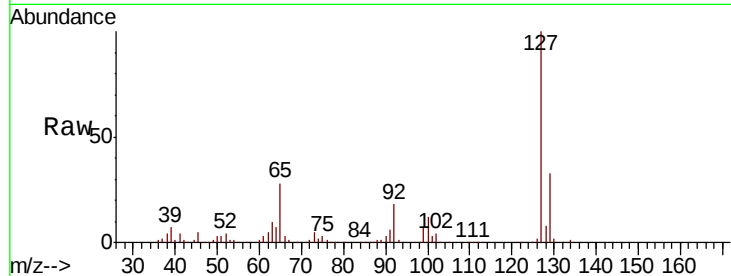
#33
4-Chloroaniline
Concen: 28.084 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	28.3	21.4	32.0
92	17.7	13.8	20.8

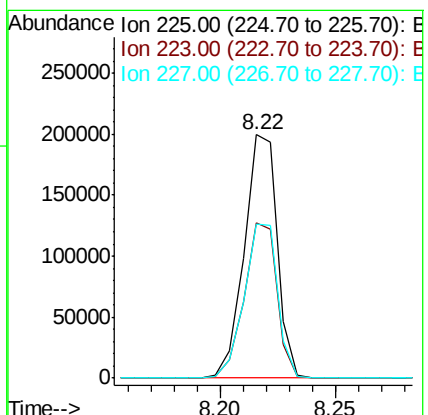
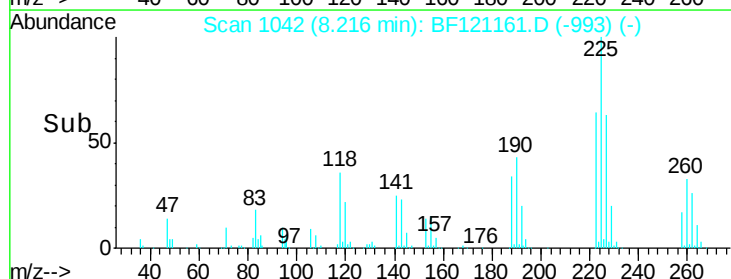
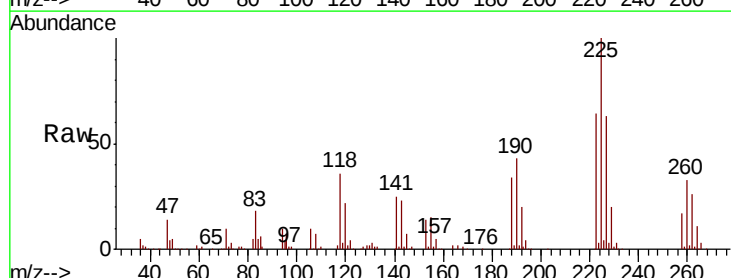
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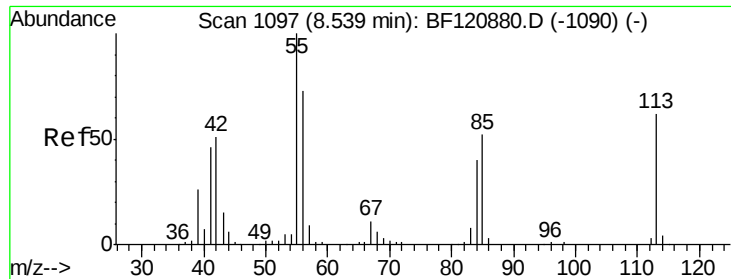
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#34
Hexachlorobutadiene
Concen: 40.857 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	63.1	51.4	77.0





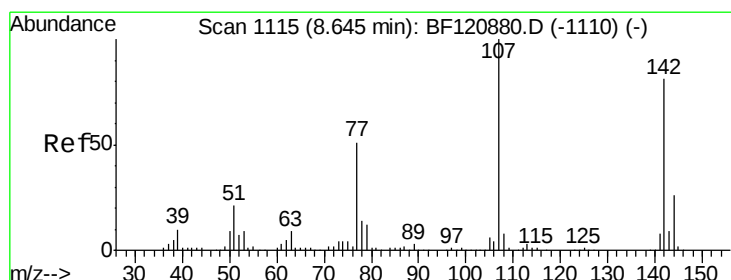
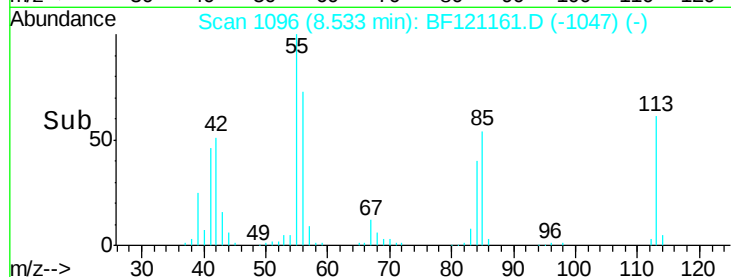
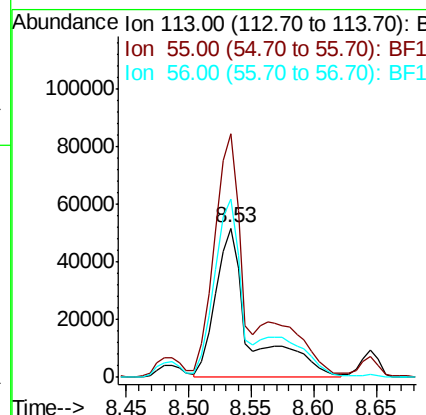
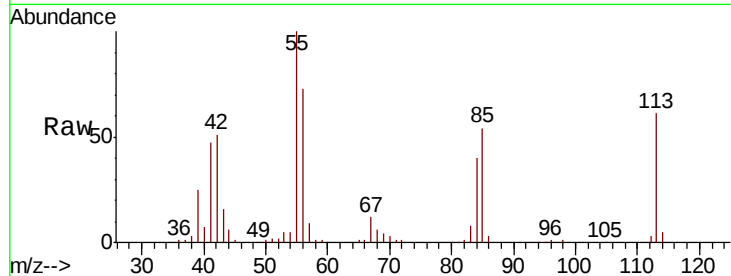
#35
Caprolactam
Concen: 42.086 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.3	131.0	171.0
56	119.3	90.4	130.4

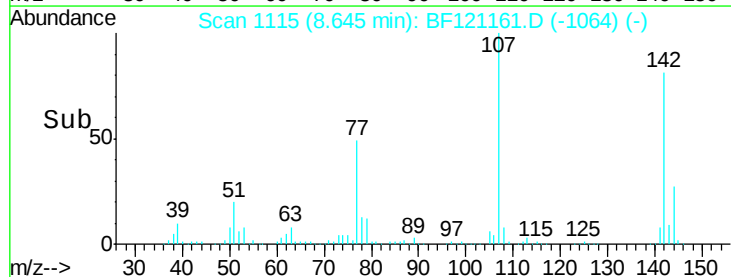
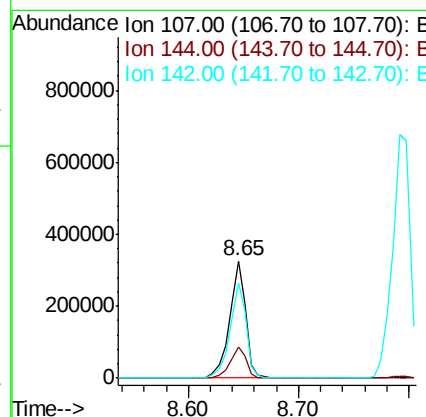
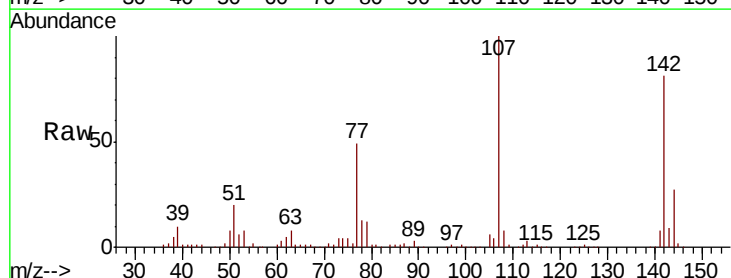
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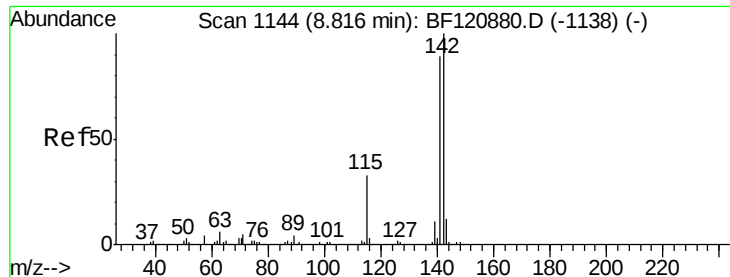
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#36
4-Chloro-3-methylphenol
Concen: 43.178 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.9	31.3
142	81.3	64.5	96.7





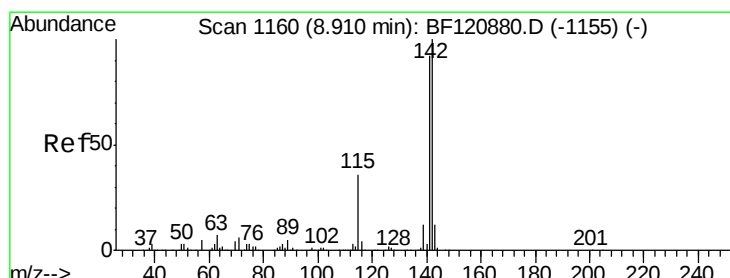
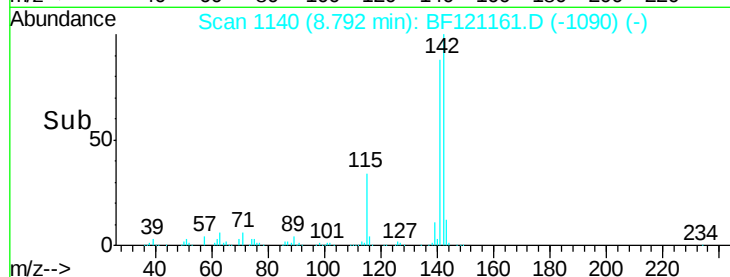
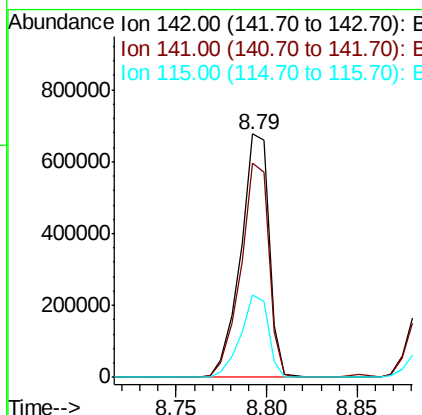
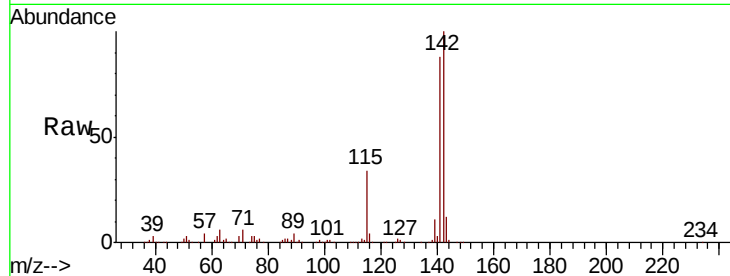
#37
2-Methylnaphthalene
Concen: 43.679 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	33.6	27.1	40.7

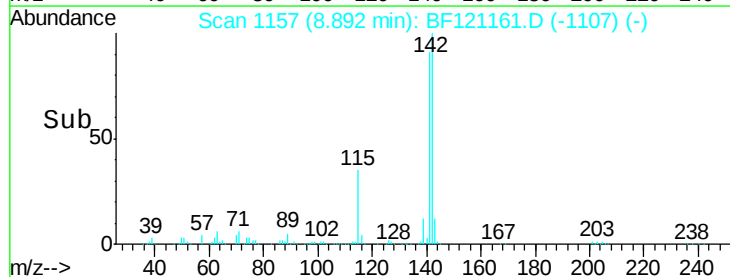
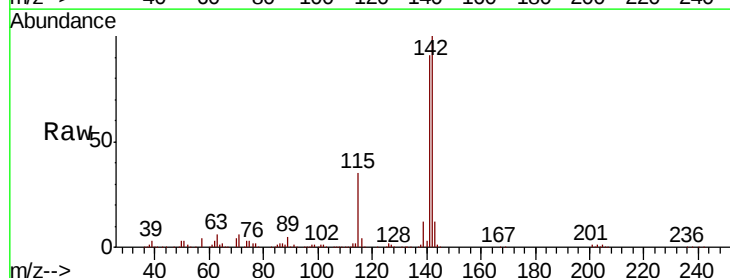
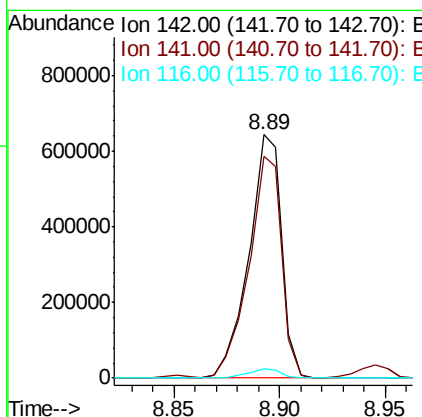
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#38
1-Methylnaphthalene
Concen: 43.159 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	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: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

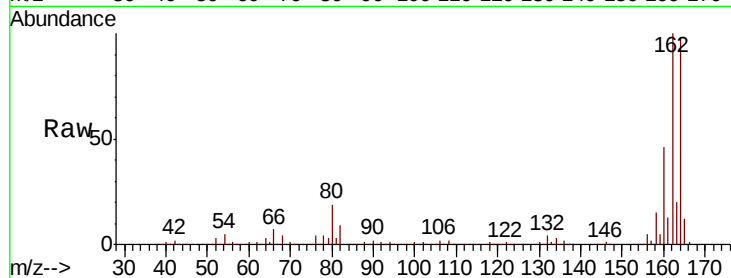
ClientSampleId :

TP-9MS

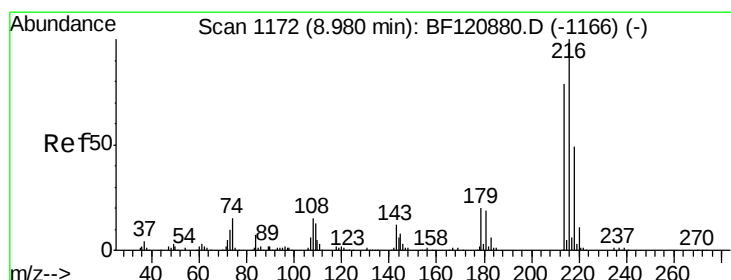
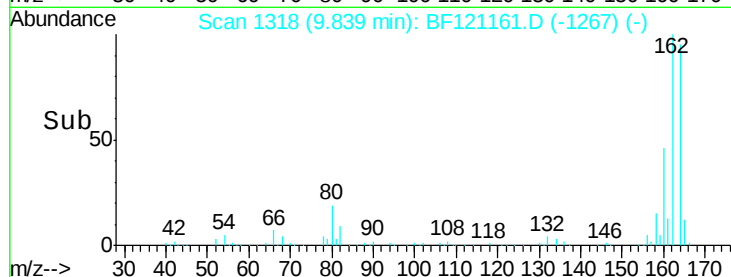
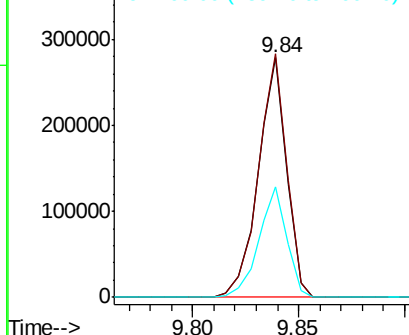
Tot Ion:	164	Resp:	259860
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.2	123.2
160	46.3	37.2	55.8

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.713 ng

RT: 8.96 min Scan# 1169

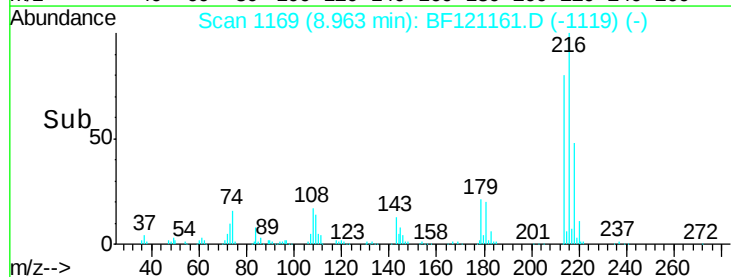
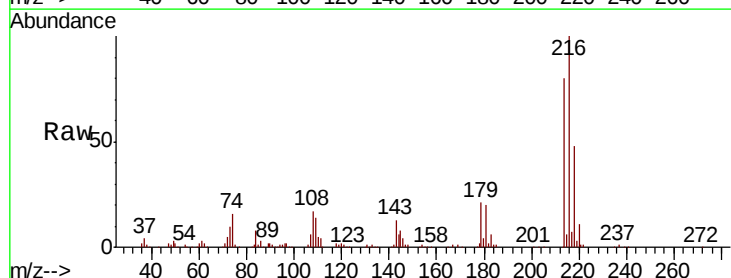
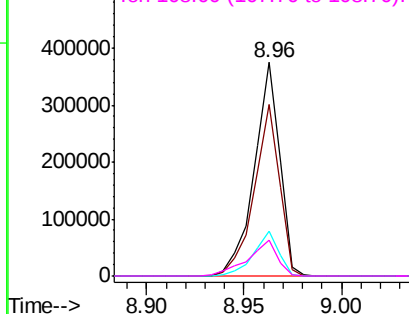
Delta R.T. -0.01 min

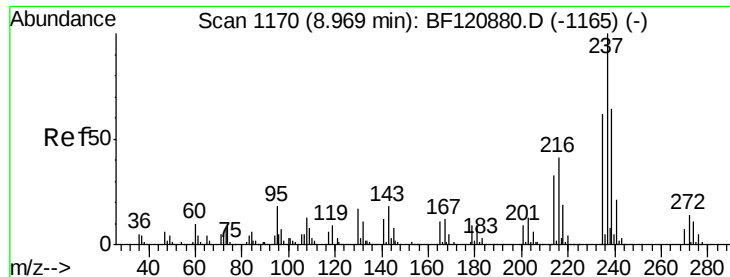
Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	216	Resp:	338535
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.9	95.9
179	20.5	16.6	24.8
108	19.6	15.0	22.4

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





#41

Hexachlorocyclopentadiene

Concen: 71.370 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

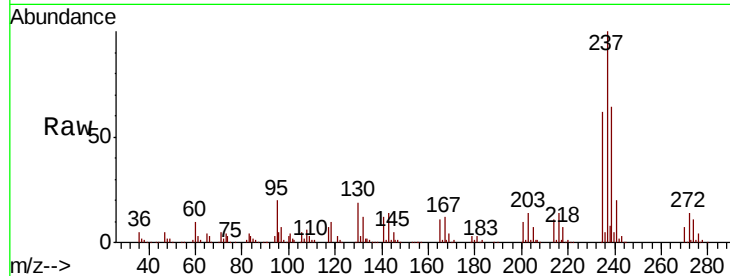
ClientSampleId :

TP-9MS

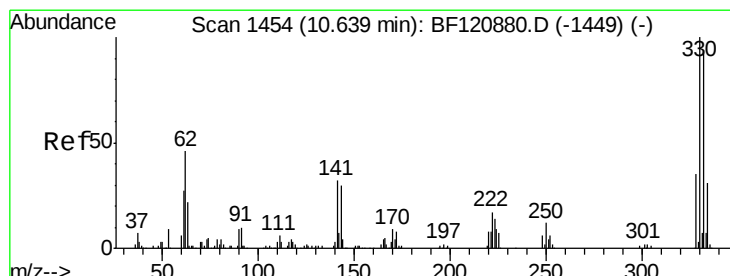
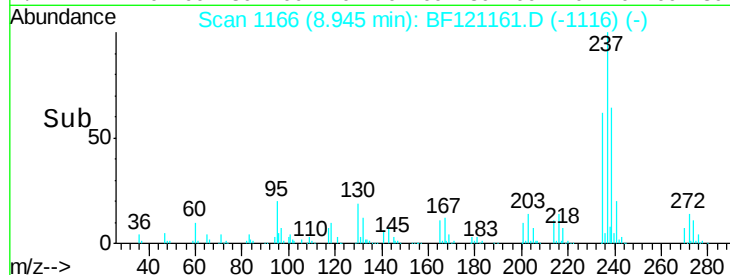
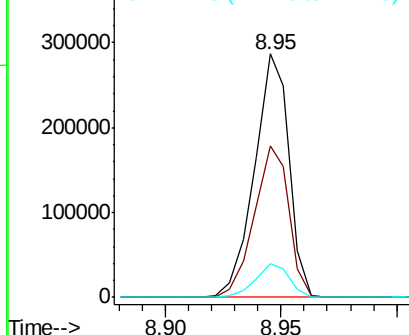
Tot Ion:	237	Resp:	298645
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.2	83.2
272	13.9	0.0	33.6

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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: 66.275 ng

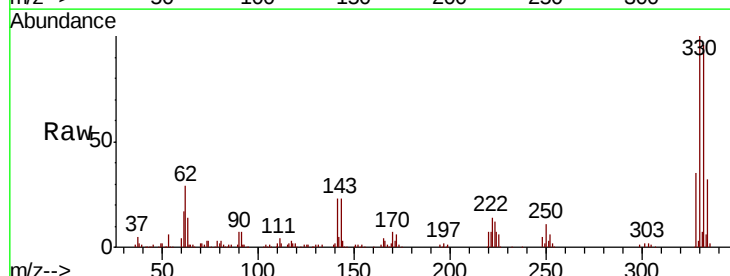
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

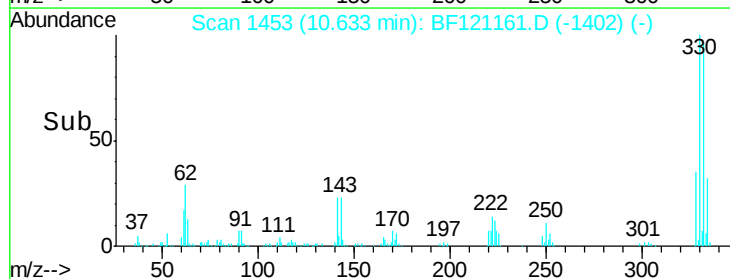
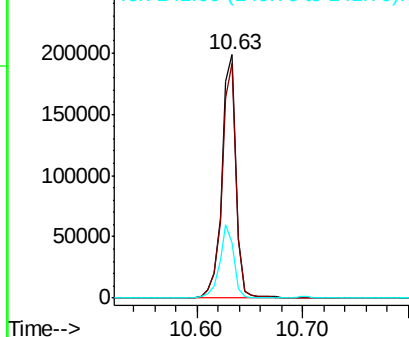
Lab File: BF121161.D

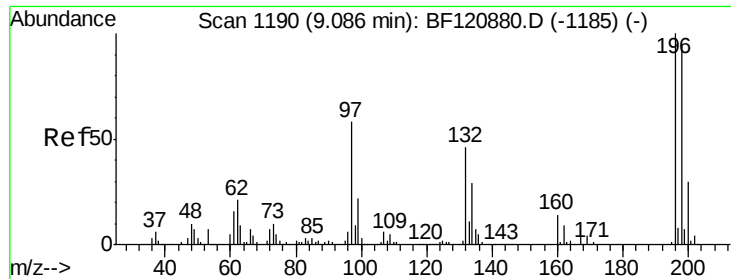
Acq: 31 Jul 2020 16:40

Tgt Ion:	330	Resp:	188514
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.1	114.1
141	29.8	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





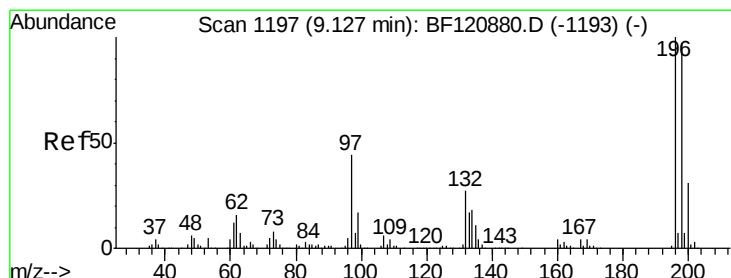
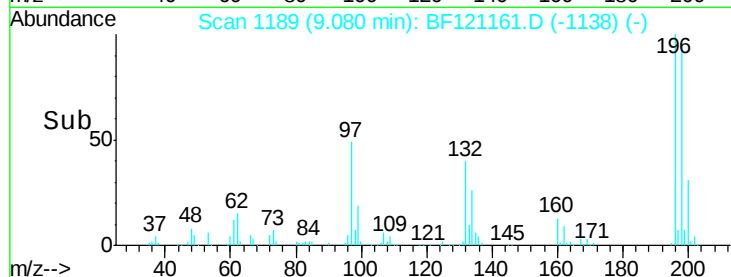
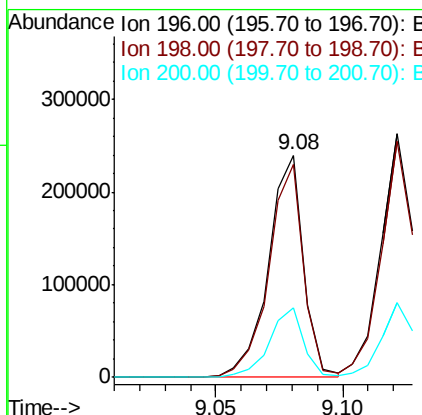
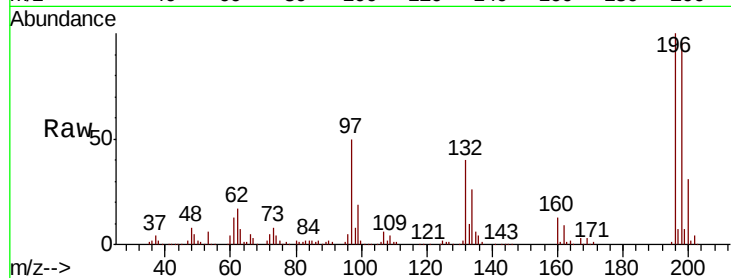
#43
 2,4,6-Trichlorophenol
 Concen: 43.480 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampled :
 TP-9MS

Tot Ion:	196	Resp:	231782
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.5	116.3
200	31.3	24.6	37.0

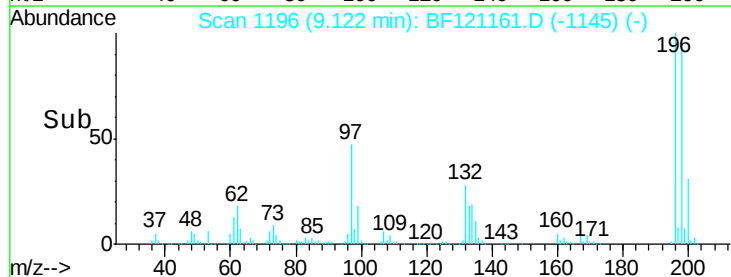
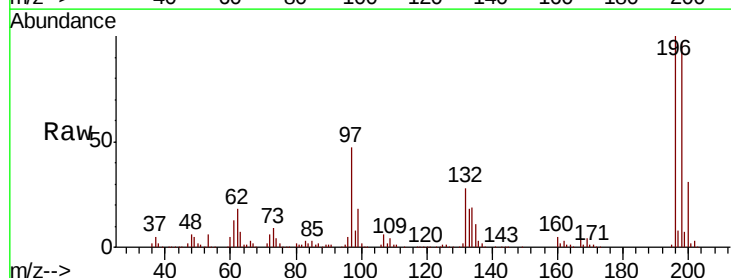
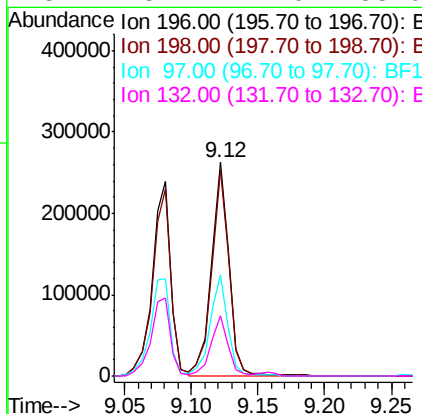
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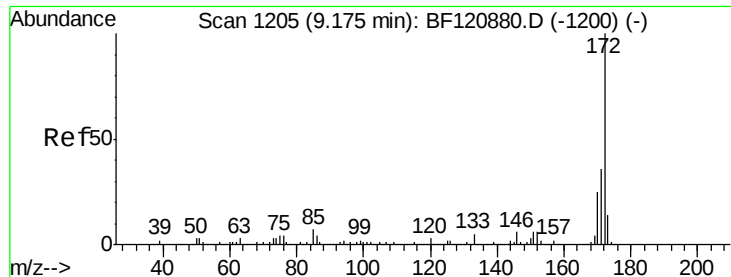
mohammad
 8/3/2020 12:22:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.076 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion:	196	Resp:	242335
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.4
97	47.4	37.3	55.9
132	28.2	22.0	33.0





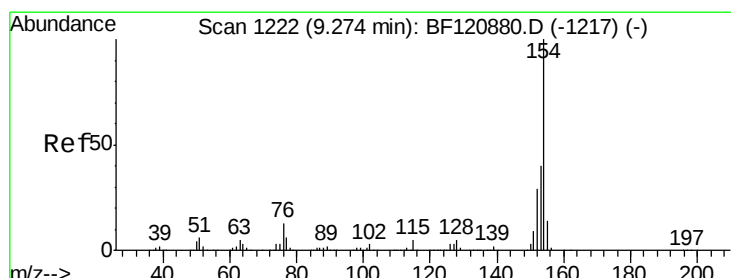
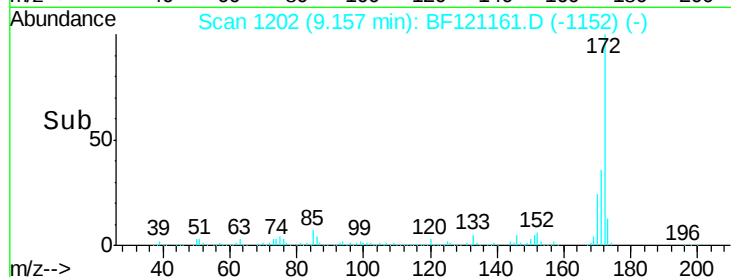
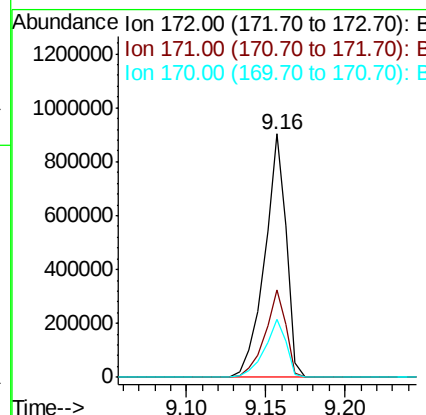
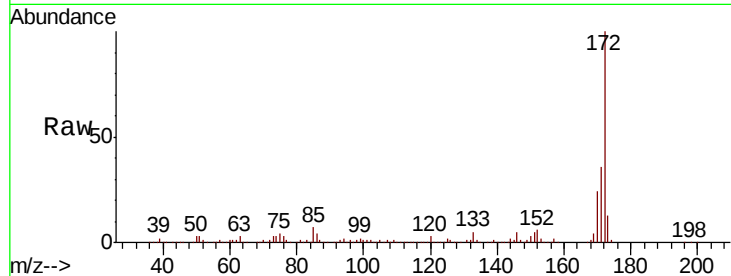
#45
2-Fluorobiphenyl
Concen: 49.283 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.7	19.6	29.4

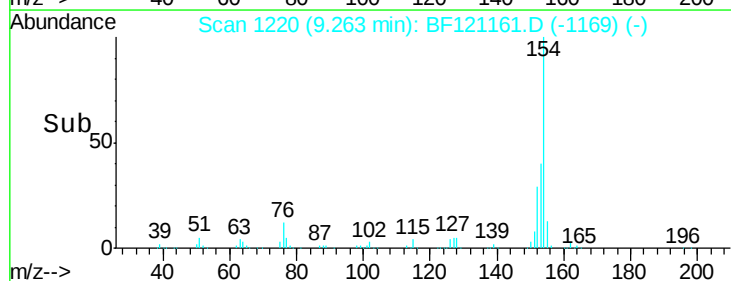
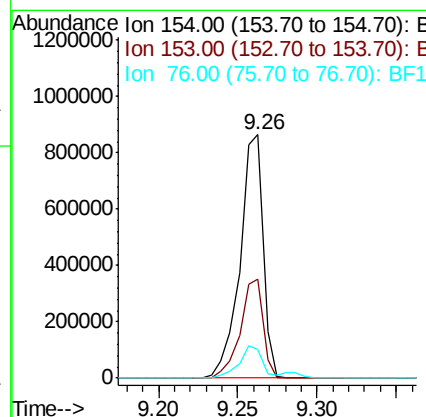
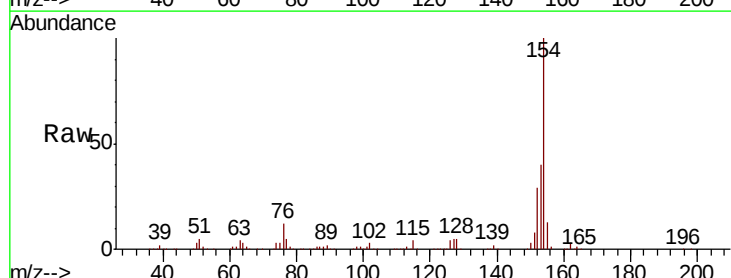
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#46
1,1'-Biphenyl
Concen: 44.098 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	11.6	0.0	33.4





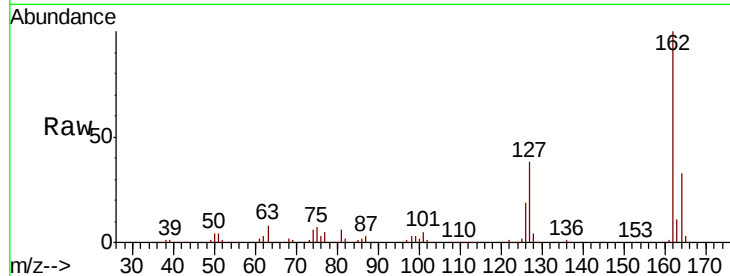
#47
 2-Chloronaphthalene
 Concen: 42.176 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

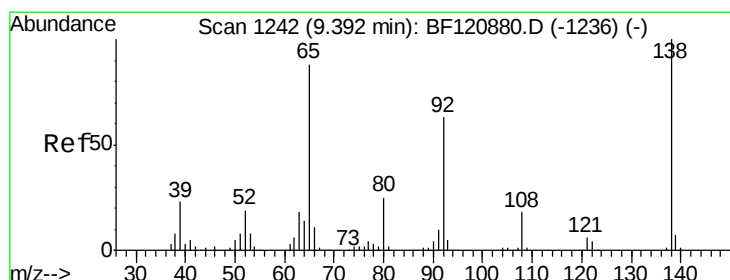
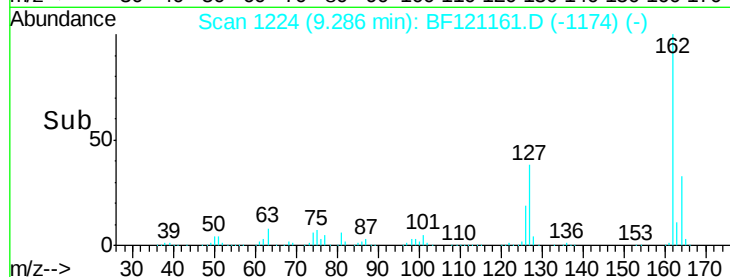
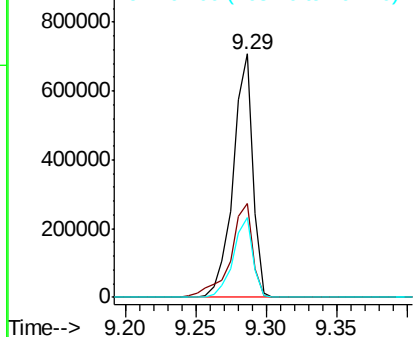
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	32.9	26.6	40.0

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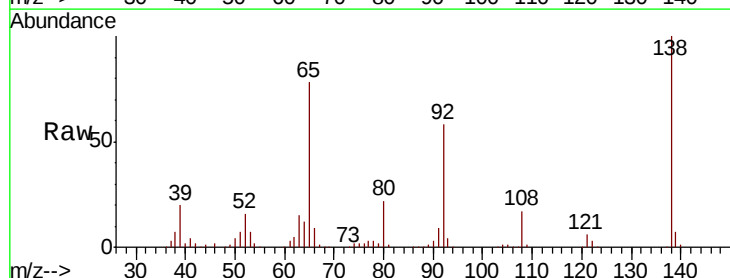


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

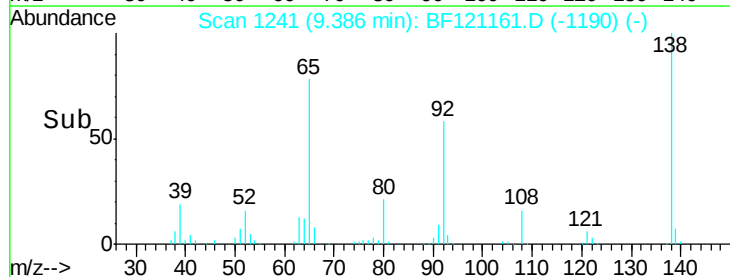
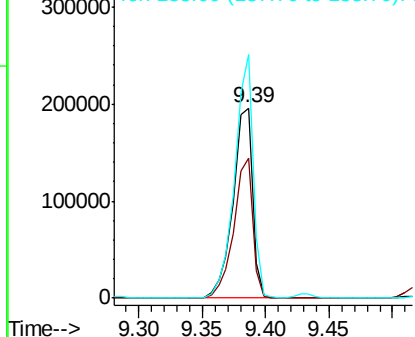


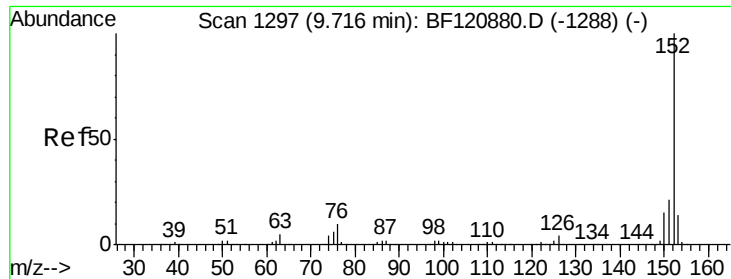
#48
 2-Nitroaniline
 Concen: 42.902 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.0	87.0
138	127.8	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.422 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tot Ion:152 Resp: 1090186

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

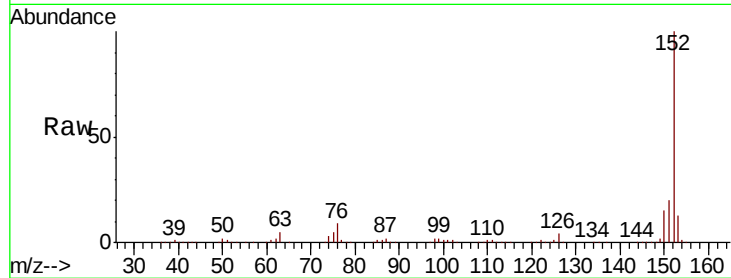
153 13.1 11.0 16.4

Manual Integrations

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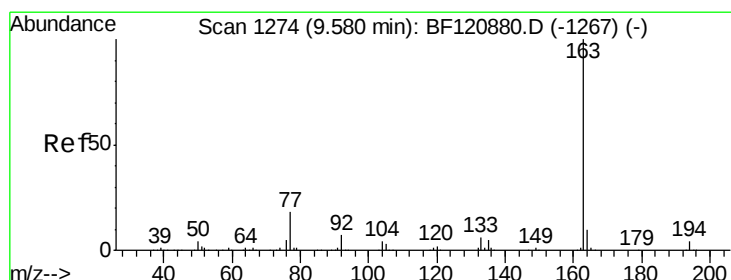
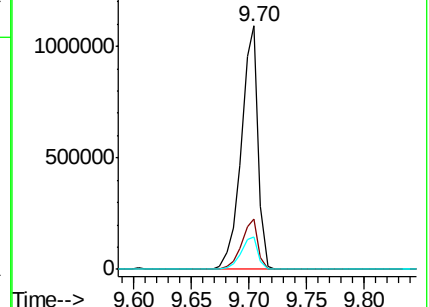
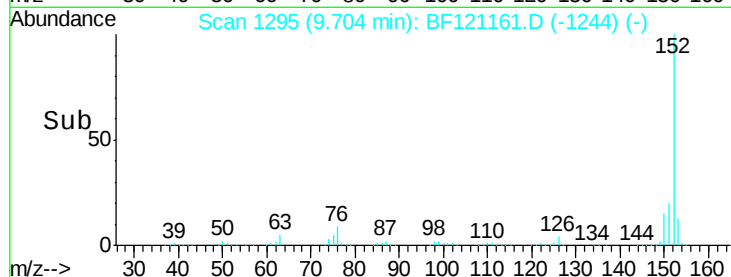
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.623 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

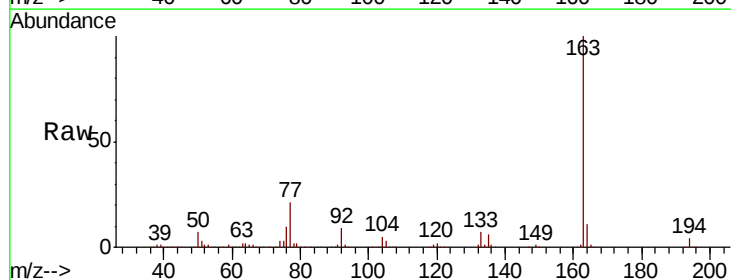
Tgt Ion:163 Resp: 874063

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

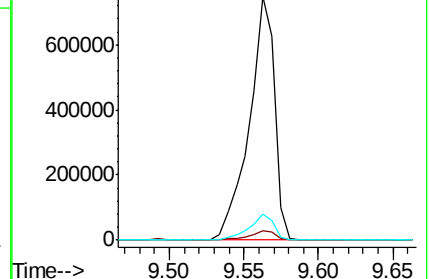
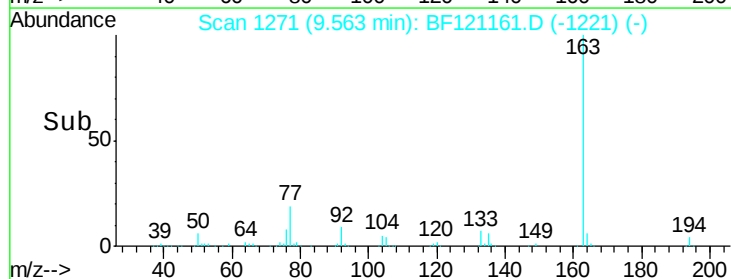
164 10.5 8.4 12.6

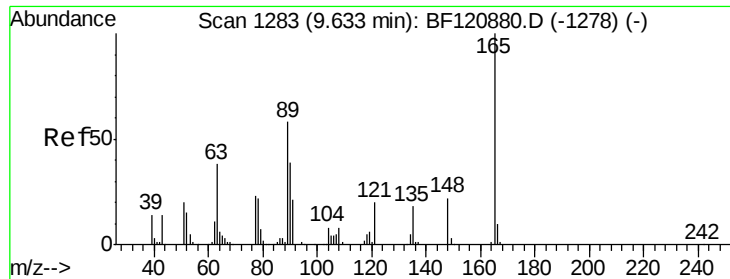


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





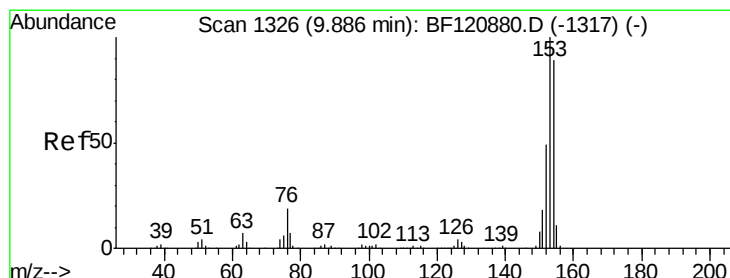
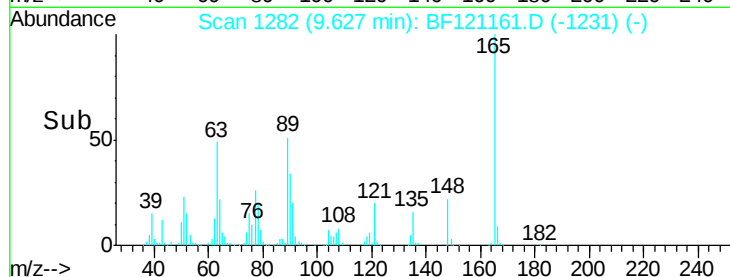
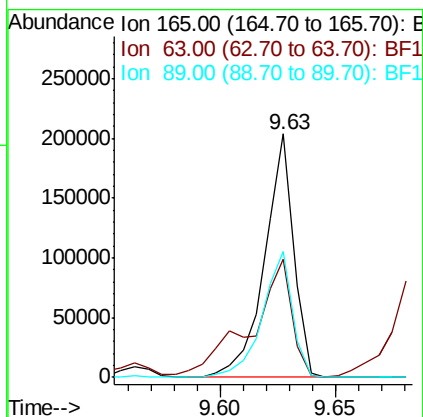
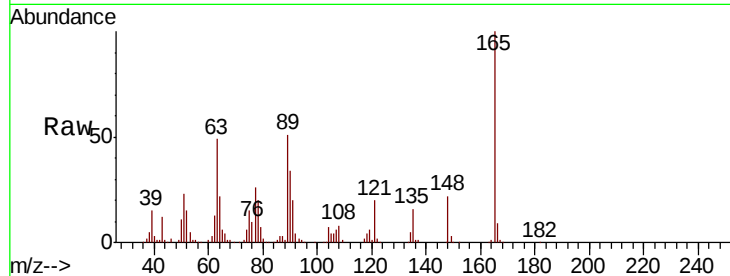
#51
2,6-Dinitrotoluene
Concen: 44.302 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178434		
63	48.7		41.1	61.7
89	51.5		43.5	65.3

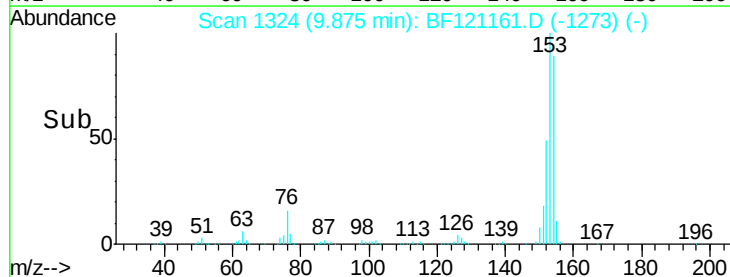
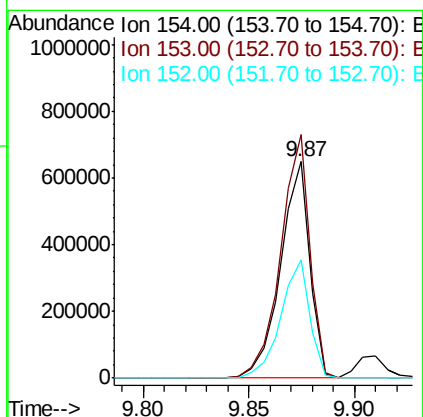
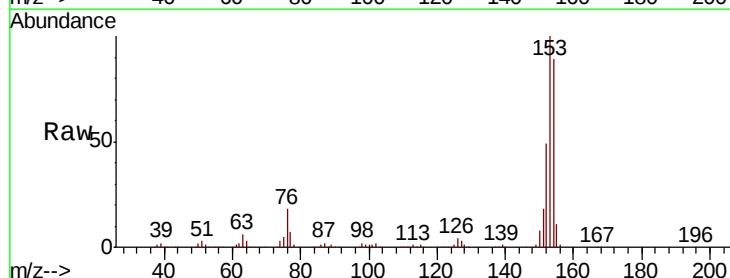
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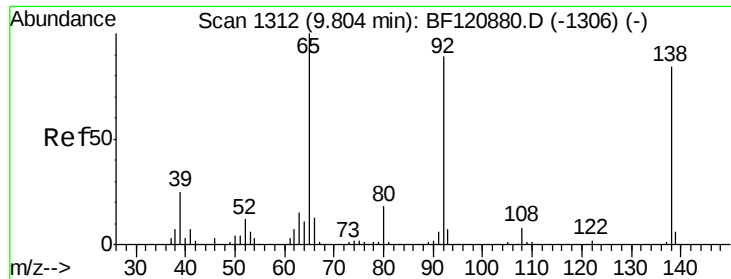
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#52
Acenaphthene
Concen: 39.332 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	627816		
153	112.5		89.6	134.4
152	54.8		43.8	65.6





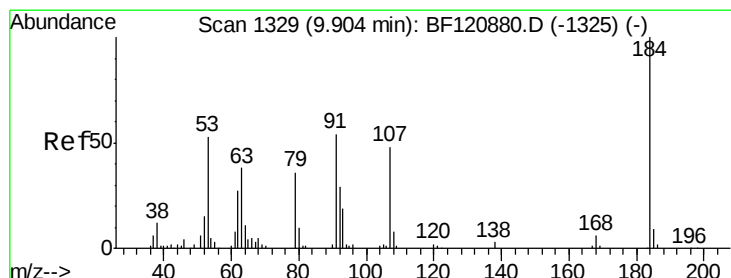
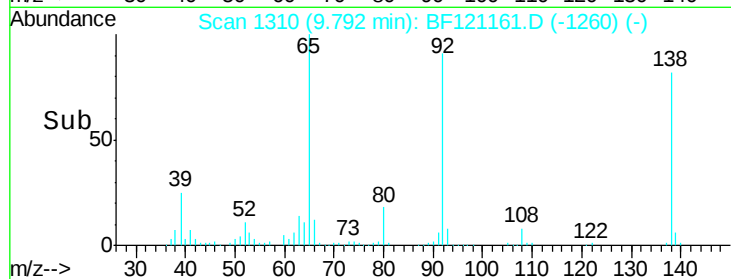
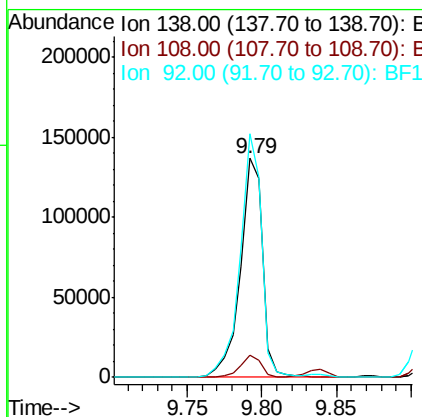
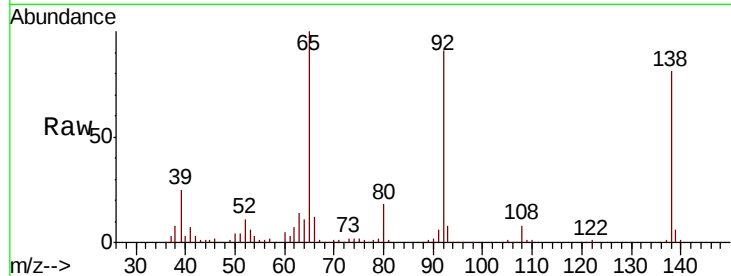
#53
3-Nitroaniline
Concen: 27.943 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	111.3	85.0	127.4

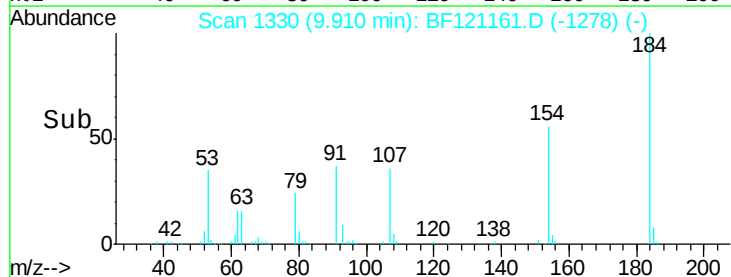
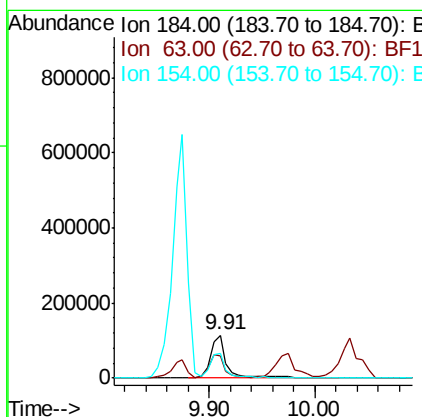
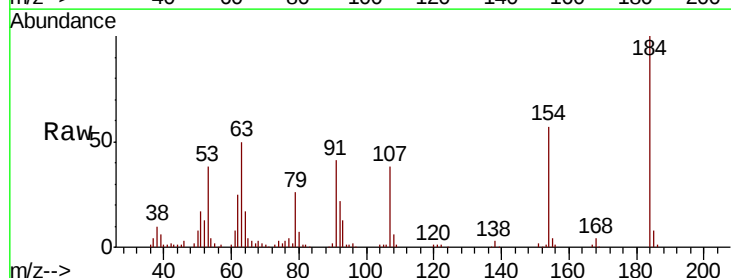
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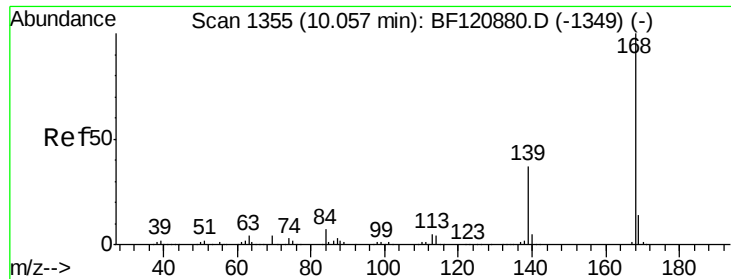
mohammad
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#54
2,4-Dinitrophenol
Concen: 55.070 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	42.5	63.7
154	56.6	46.8	70.2





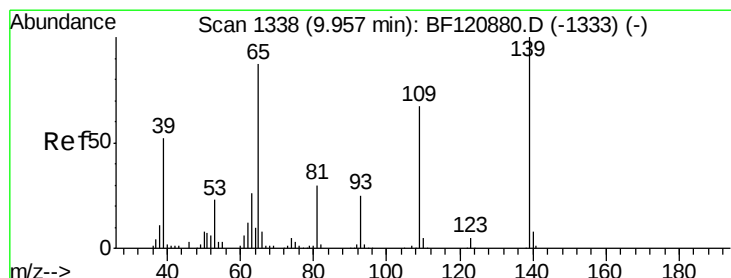
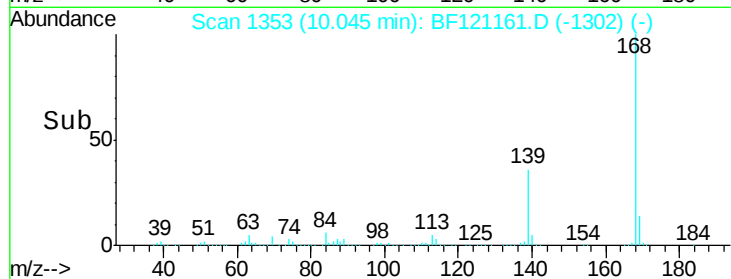
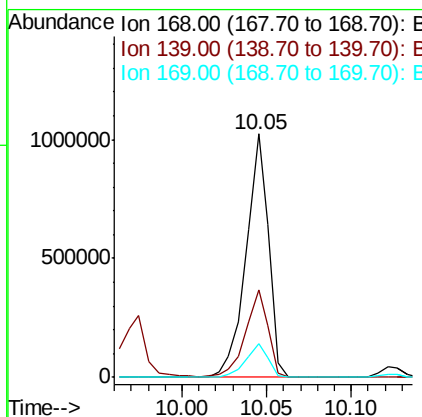
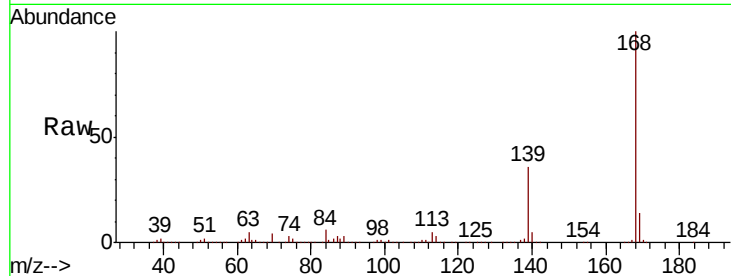
#55
Dibenzenofuran
Concen: 41.331 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.7	11.3	16.9

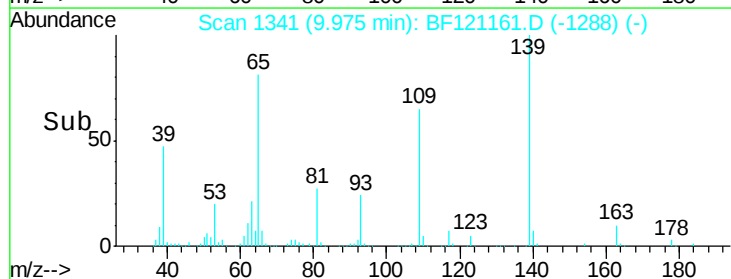
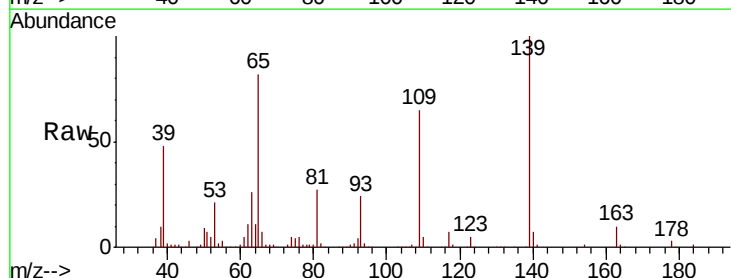
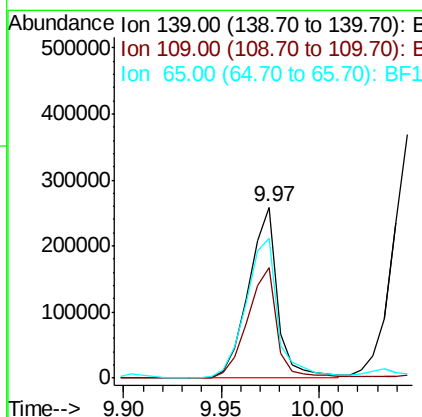
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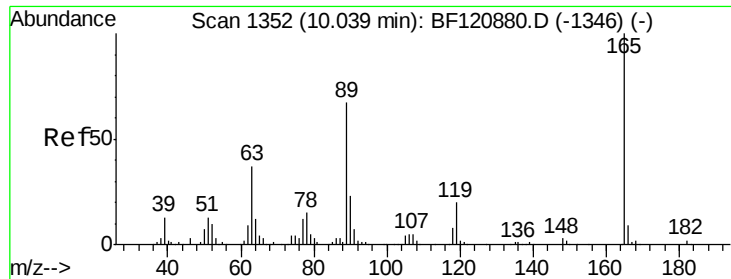
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#56
4-Nitrophenol
Concen: 69.649 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	44.8	84.8
65	81.8	65.6	105.6





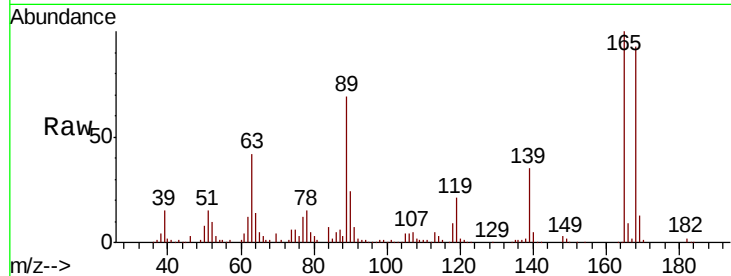
#57
 2,4-Dinitrotoluene
 Concen: 43.281 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

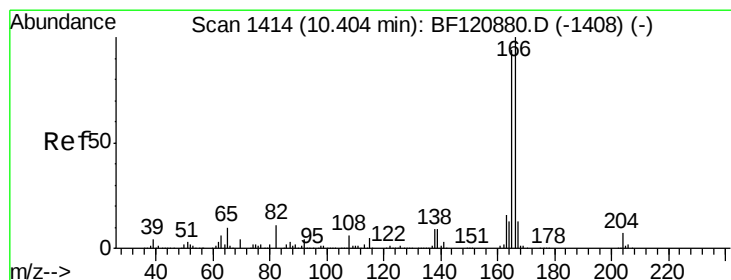
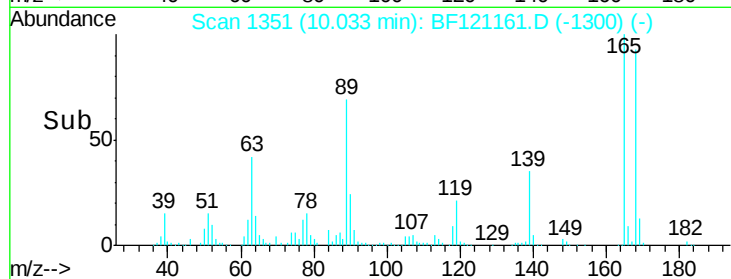
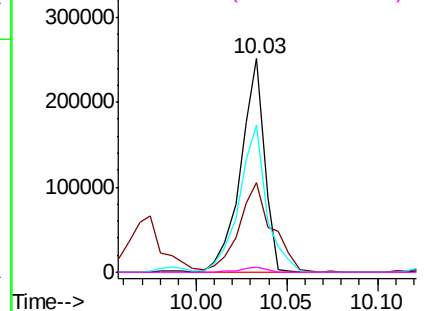
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.2	29.8	44.8	
89	69.0	50.3	75.5	
182	2.4	2.1	3.1	

Manual Integrations
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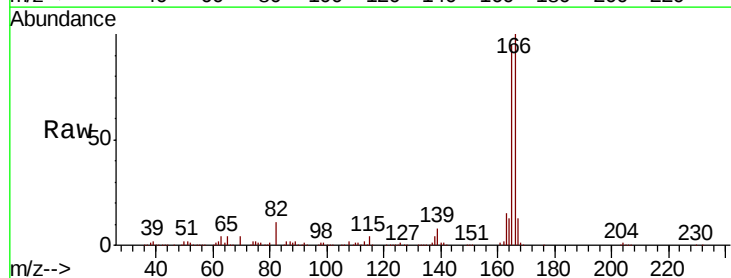


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

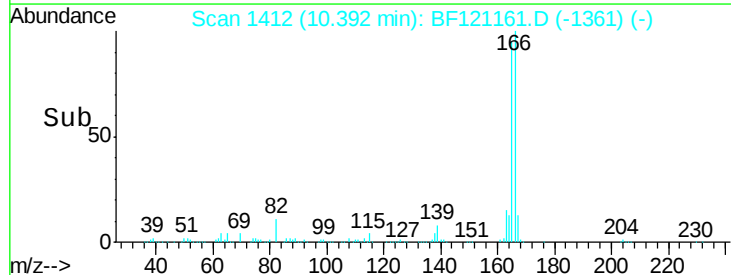
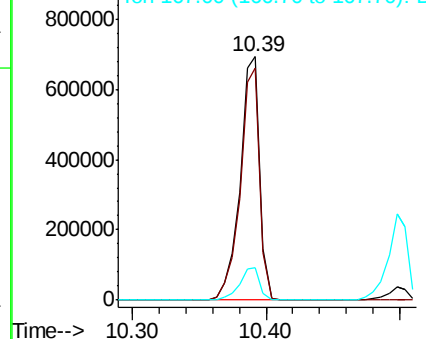


#58
 Fluorene
 Concen: 41.148 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.1	76.4	114.6	
167	13.3	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: 43.370 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

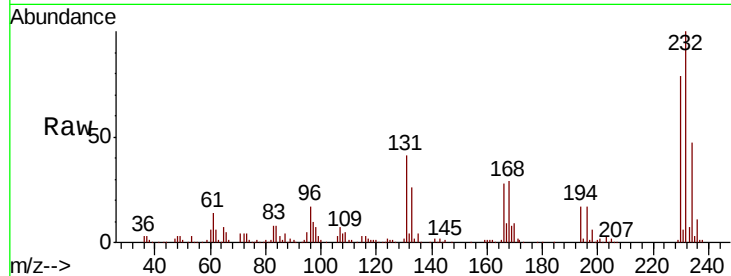
ClientSampleId :

TP-9MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	199674		
131	42.2		34.2	51.2
130	2.0		1.7	2.5
166	28.4		23.1	34.7

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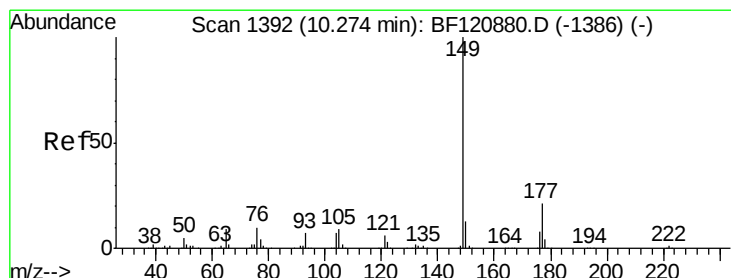
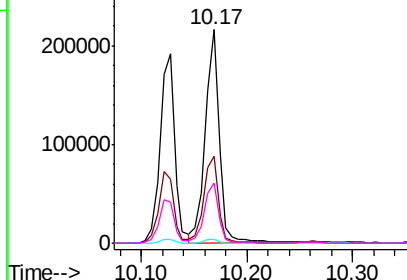
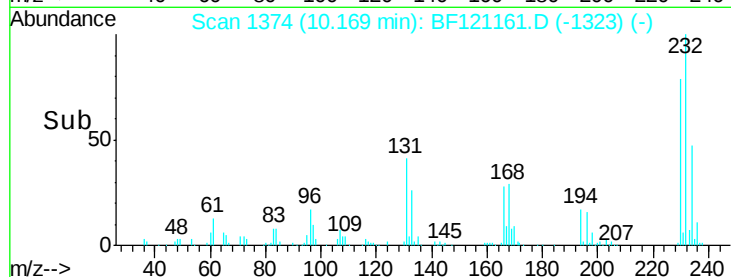


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.333 ng

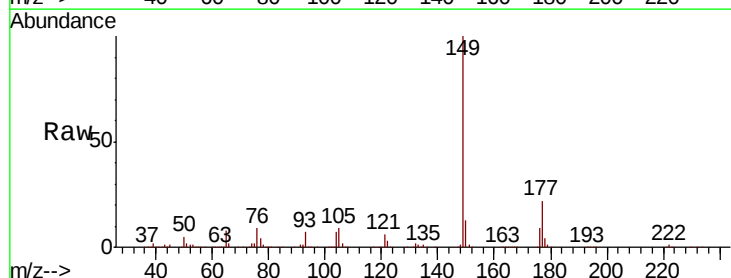
RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

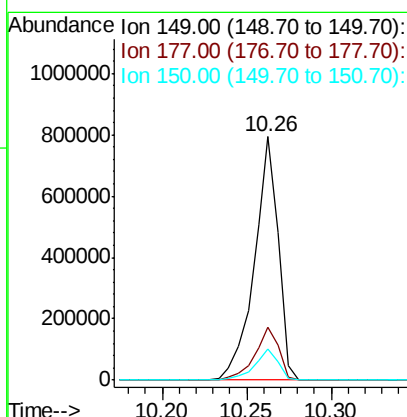
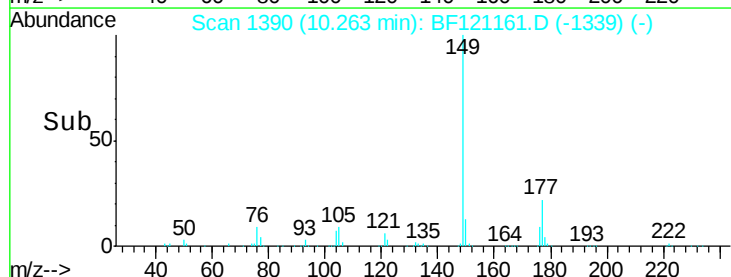
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	783769		
177	21.6		17.6	26.4
150	12.7		10.2	15.4



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





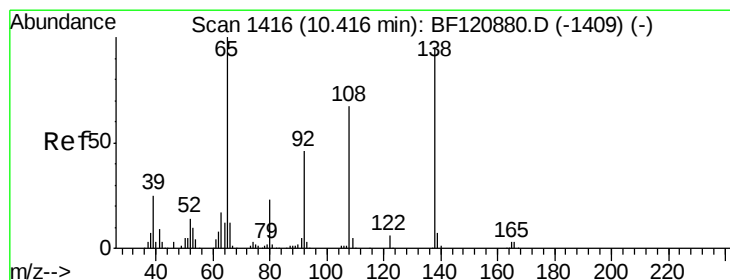
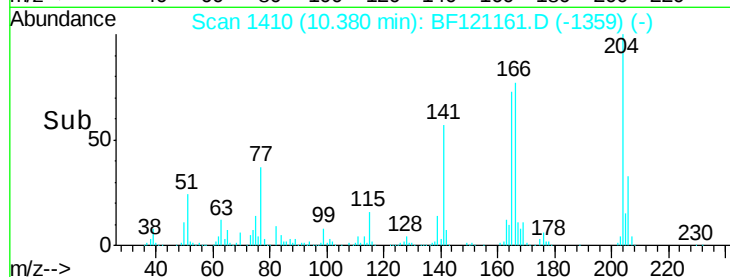
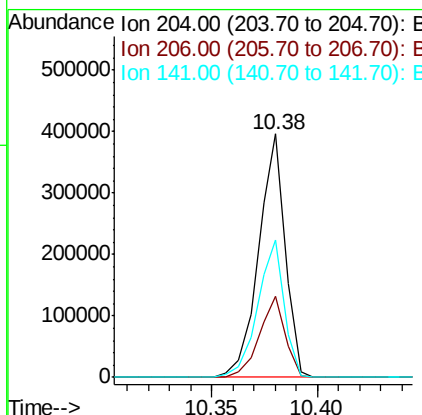
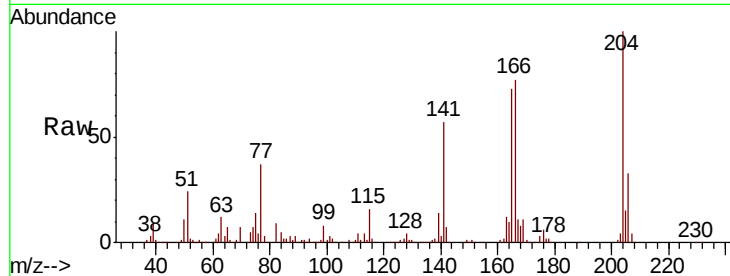
#61
4-Chlorophenyl-phenylether
Concen: 37.699 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	56.6	46.9	70.3

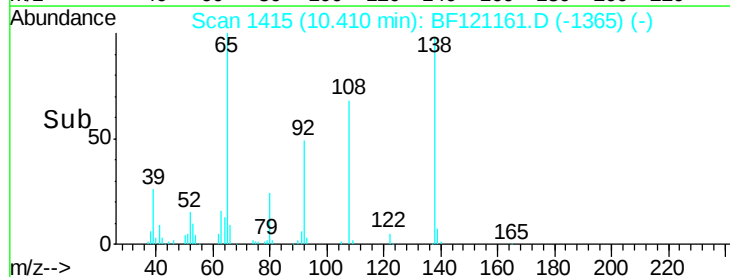
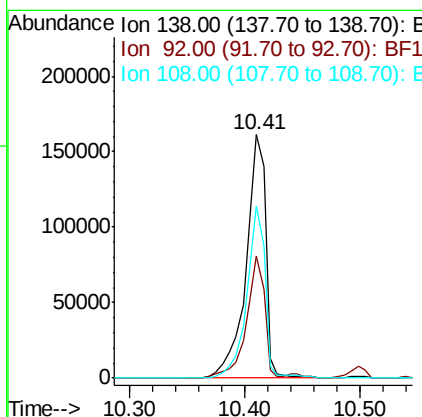
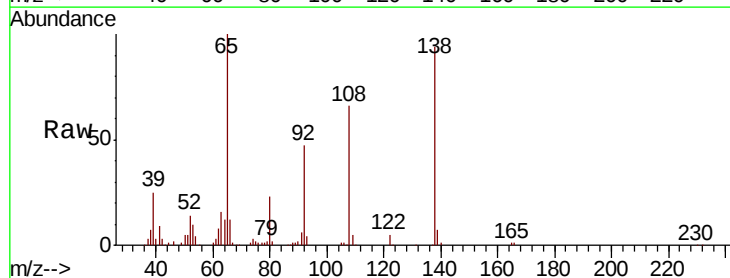
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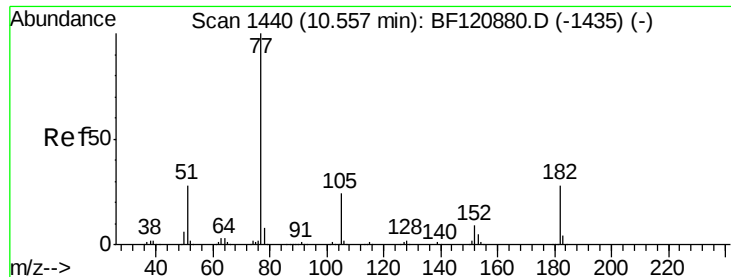
mohammad
8/3/2020 12:22:53 PM



#62
4-Nitroaniline
Concen: 38.789 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	25.2	65.2
108	70.5	46.7	86.7





#63

Azobenzene

Concen: 40.785 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tot Ion: 77 Resp: 736279

Ion Ratio Lower Upper

77 100

182 26.0 4.5 44.5

105 23.8 3.4 43.4

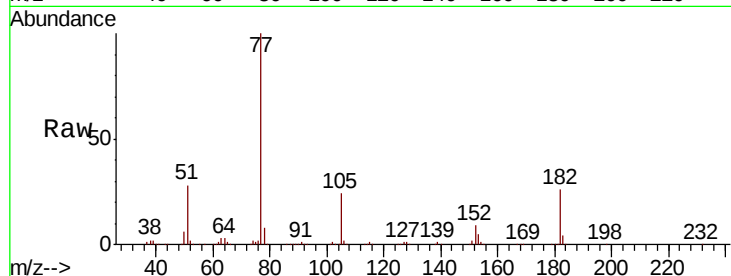
51 28.3 8.7 48.7

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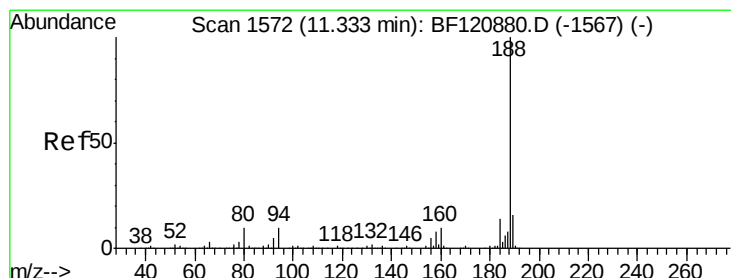
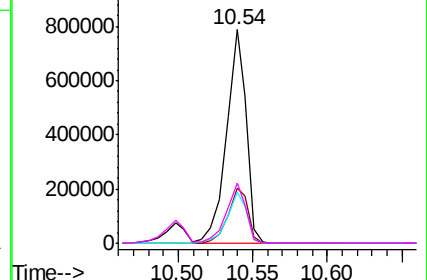
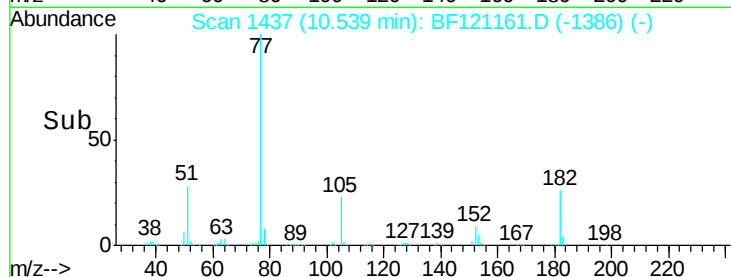


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

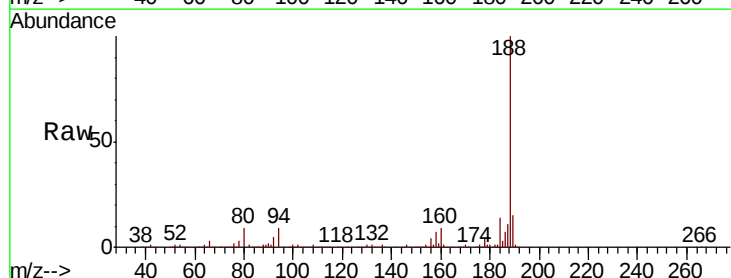
Tgt Ion: 188 Resp: 486443

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

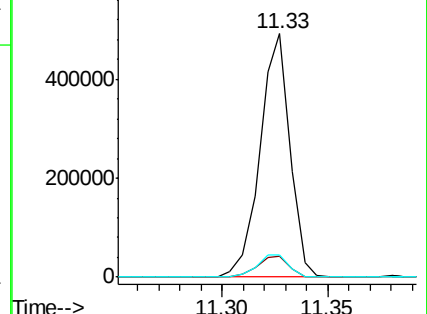
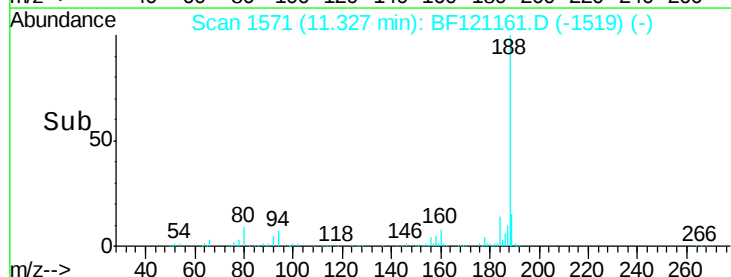
80 9.1 8.3 12.5

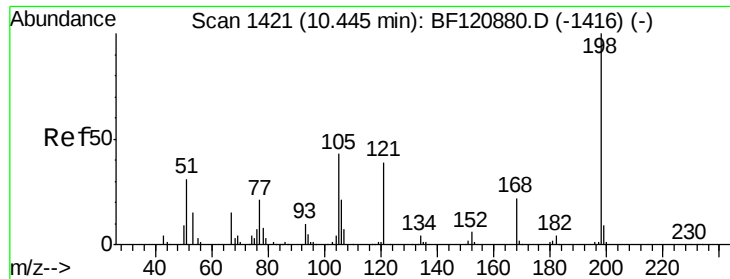


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





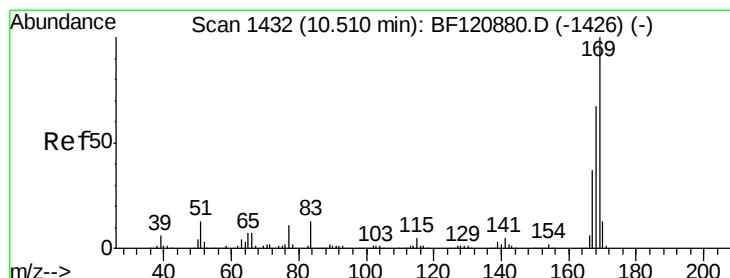
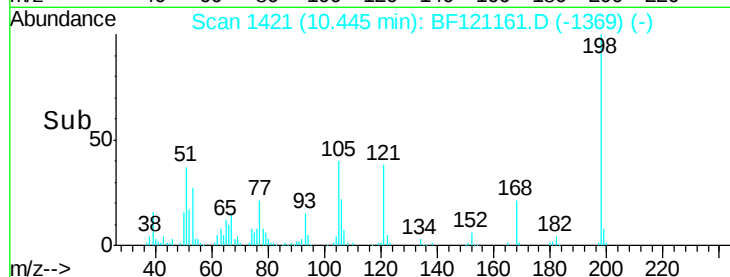
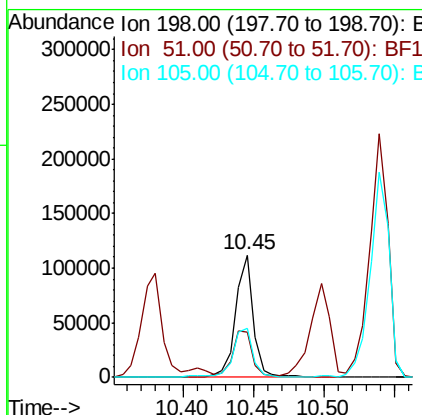
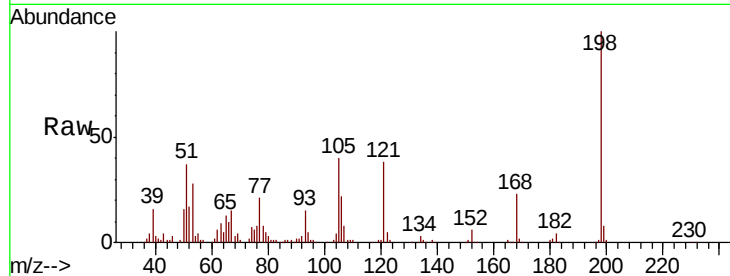
#65
4,6-Dinitro-2-methylphenol
Concen: 36.046 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.4	23.4	63.4
105	40.3	23.7	63.7

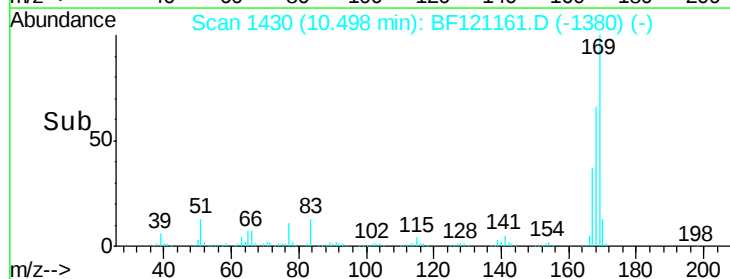
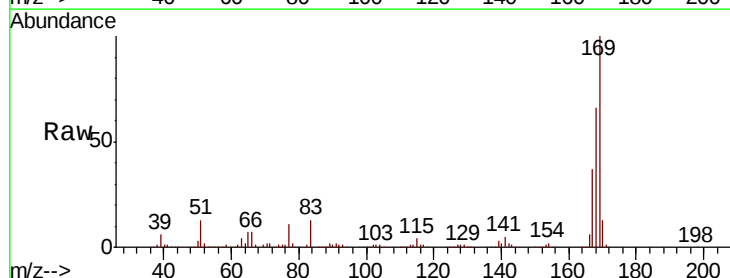
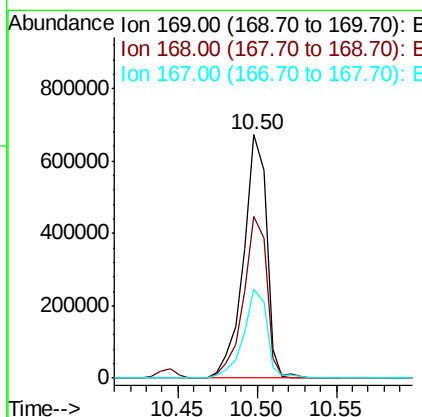
Manual Integrations
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#66
n-Nitrosodiphenylamine
Concen: 44.071 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	36.7	30.0	45.0





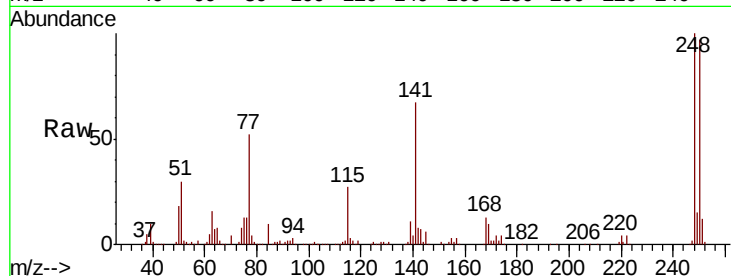
#67
4-Bromophenyl-phenylether
Concen: 42.501 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.6
141	67.4	56.6	85.0

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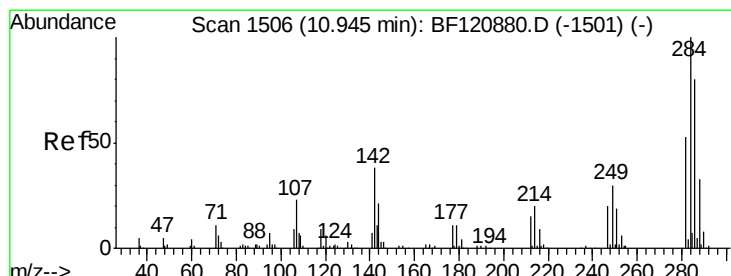
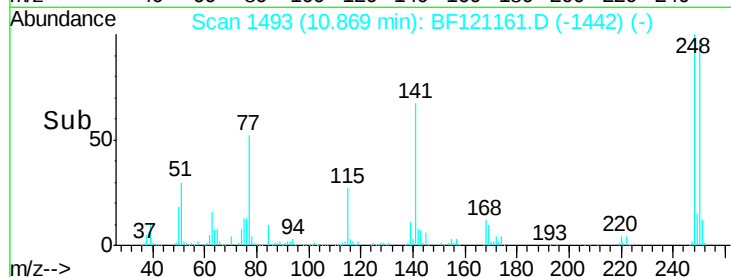
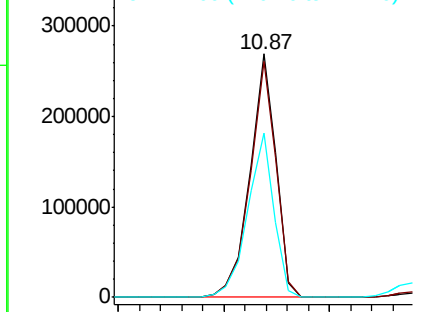


Abundance

Ion 248.00 (247.70 to 248.70): E

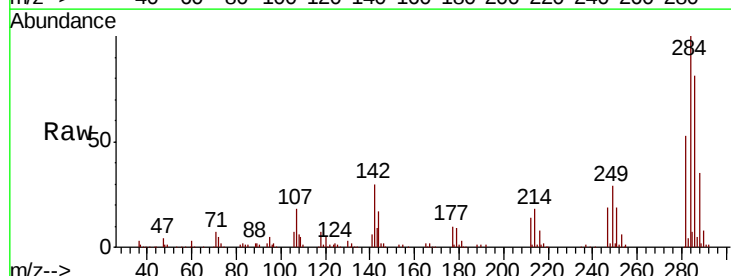
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.790 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.1	31.7
249	29.4	22.5	33.7

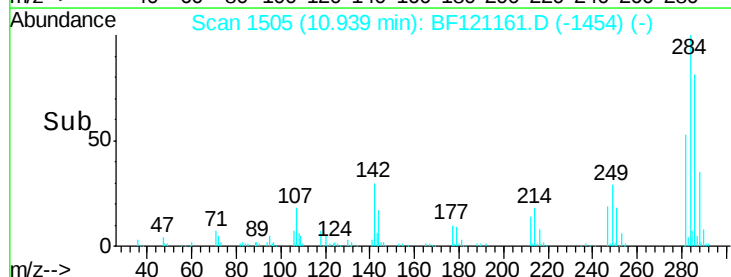
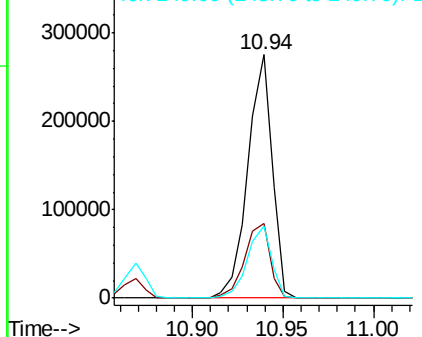


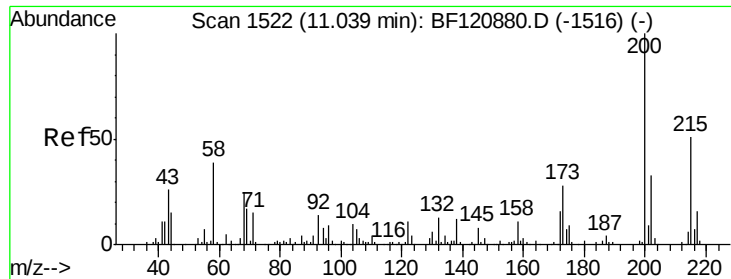
Abundance

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





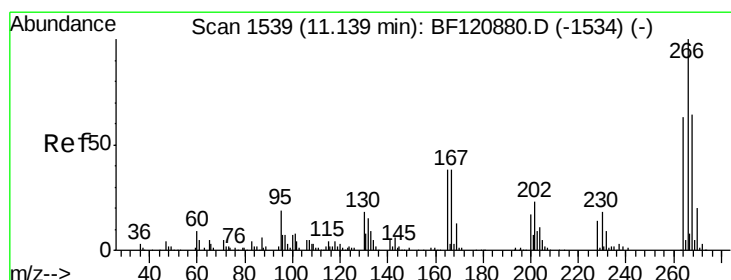
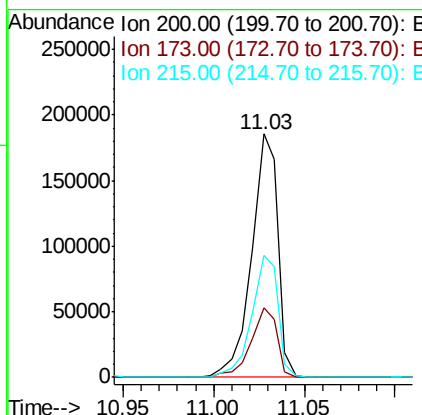
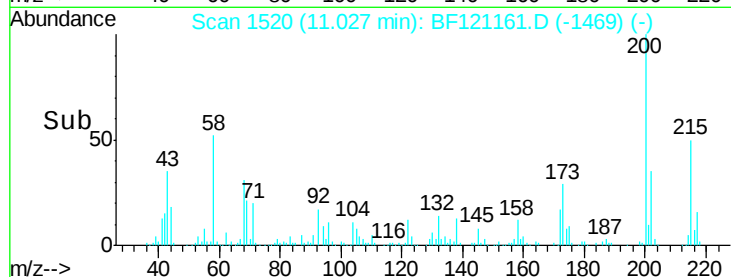
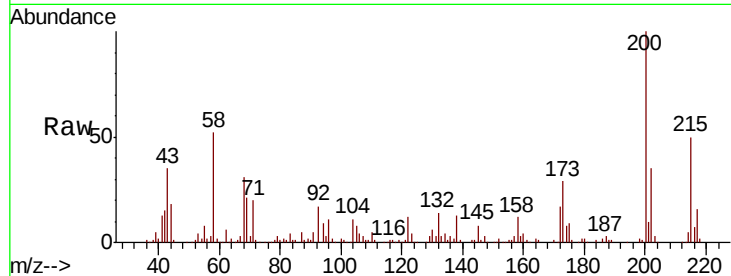
#69
Atrazine
Concen: 49.195 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampled :
TP-9MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	7.6	47.6
215	49.9	28.8	68.8

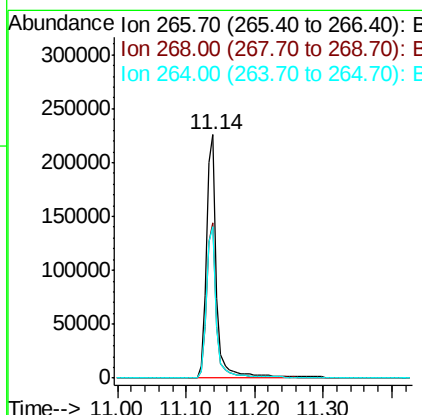
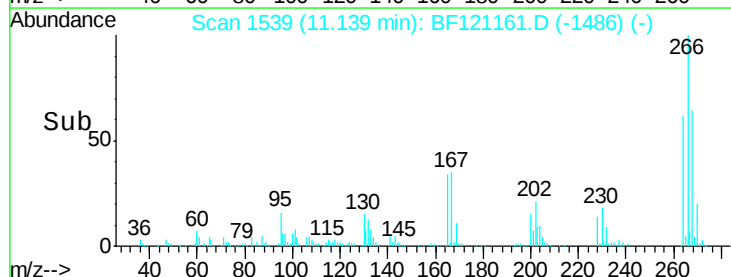
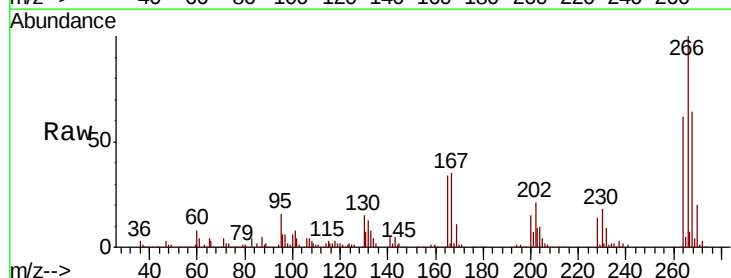
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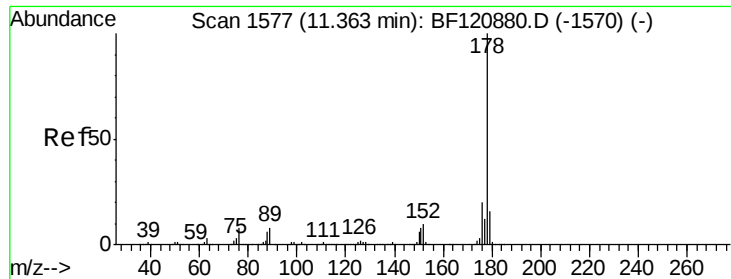
mohammad
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#70
Pentachlorophenol
Concen: 72.111 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	49.7	74.5
264	62.1	50.4	75.6





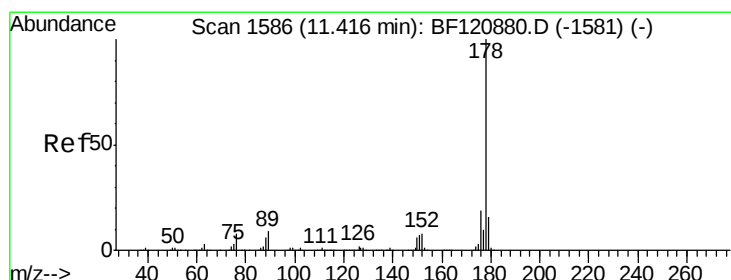
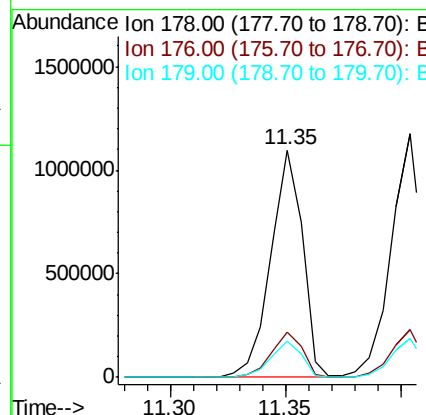
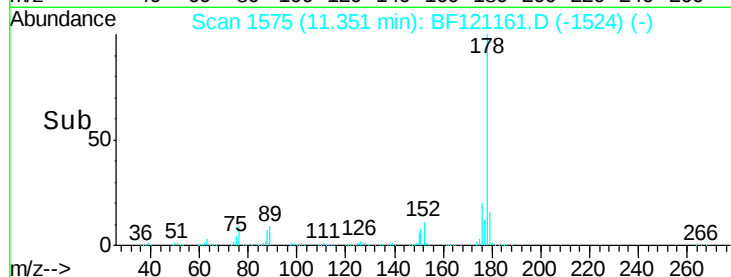
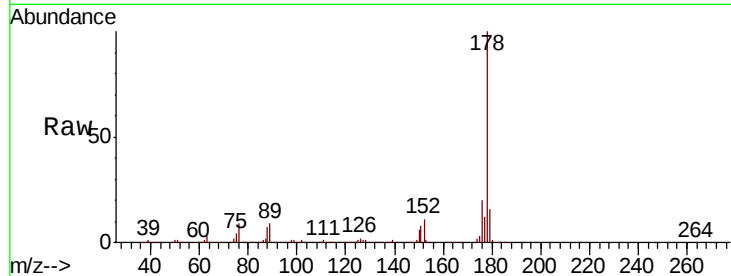
#71
Phenanthrene
Concen: 42.035 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion:178 Resp: 1051620
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.0 12.6 19.0

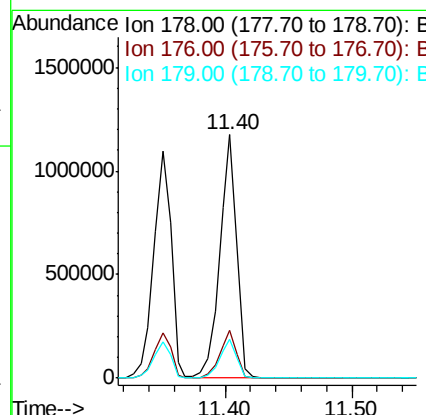
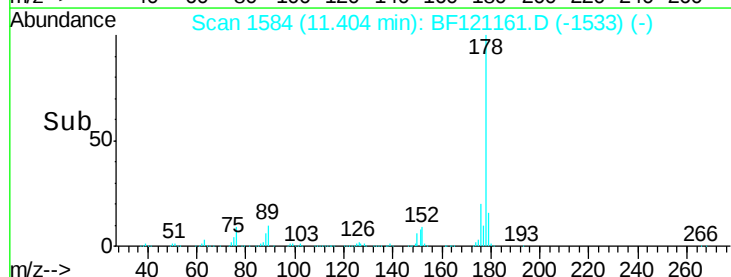
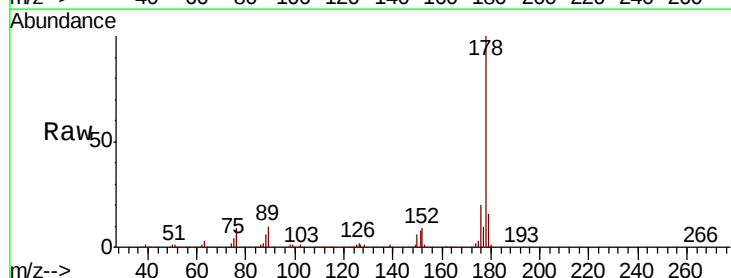
Manual Integrations
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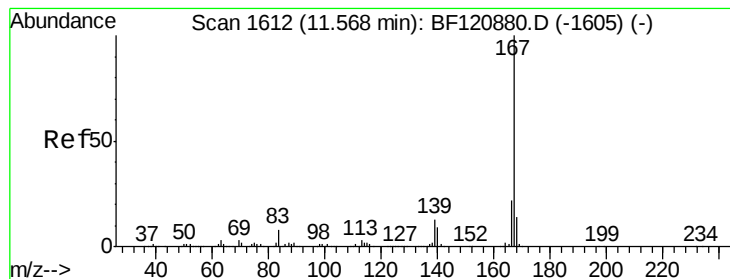
mohammad
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#72
Anthracene
Concen: 43.831 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion:178 Resp: 1101113
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.0 12.6 19.0





#73

Carbazole

Concen: 40.454 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tot Ion:167 Resp: 1008551

Ion Ratio Lower Upper

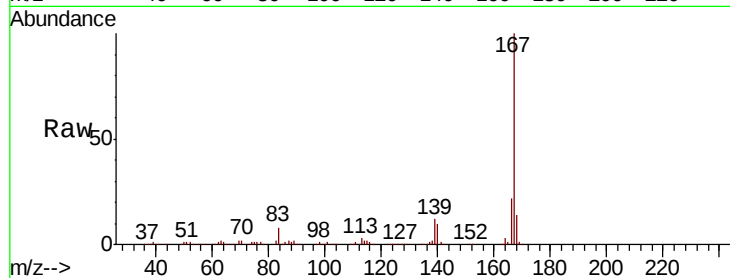
167 100

166 22.1 17.5 26.3

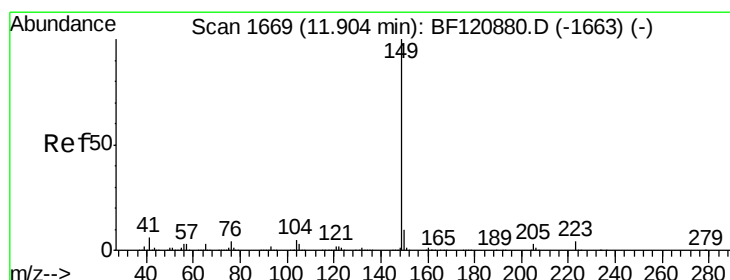
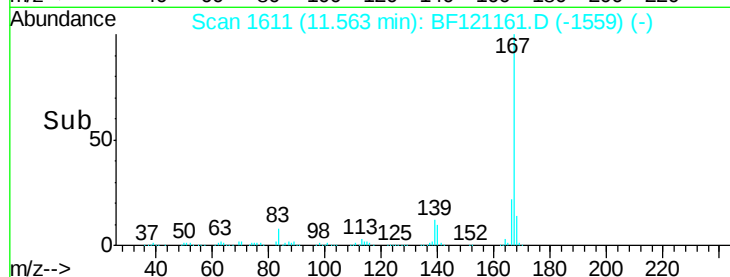
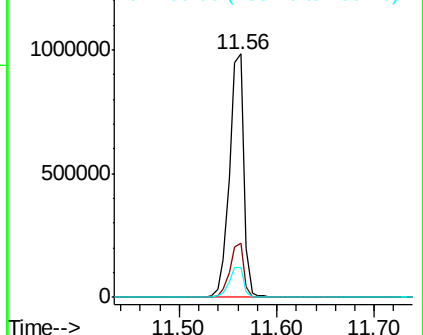
139 12.5 10.5 15.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.971 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

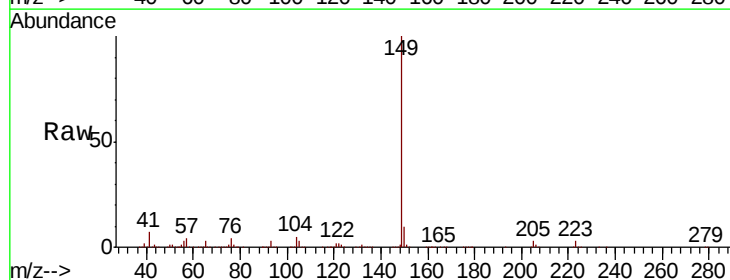
Tgt Ion:149 Resp: 1207518

Ion Ratio Lower Upper

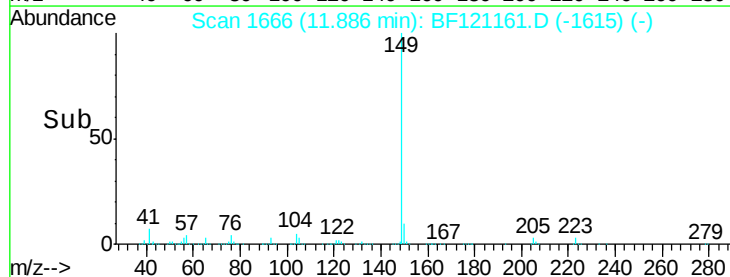
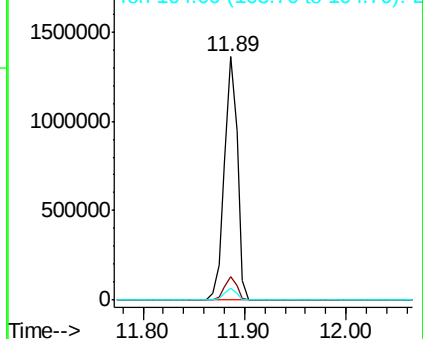
149 100

150 9.6 7.8 11.8

104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





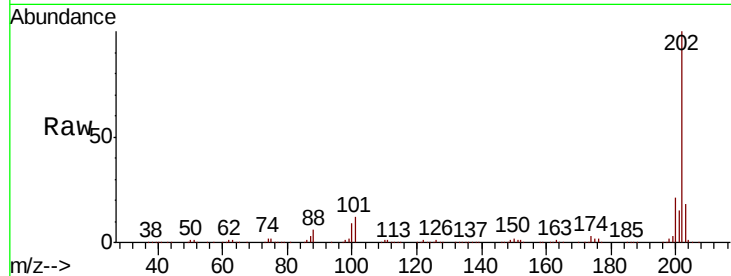
#75
 Fluoranthene
 Concen: 41.029 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.1	0.0	37.7

Manual Integrations
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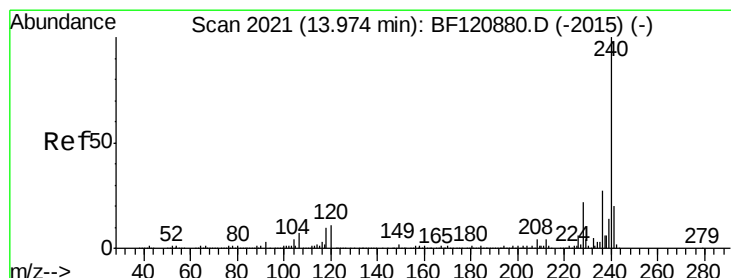
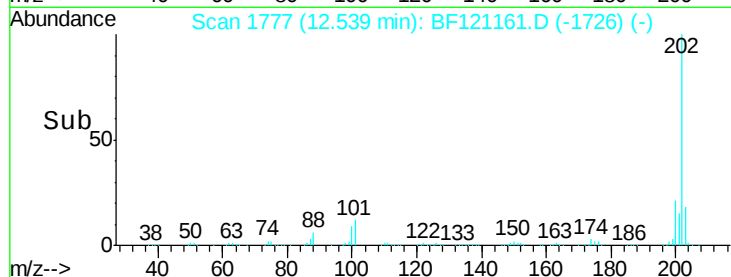
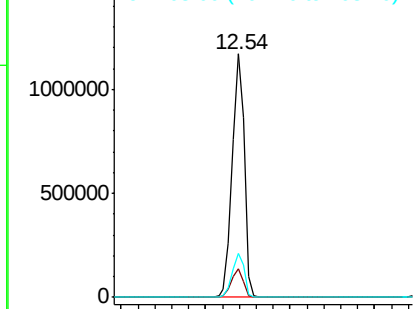


Abundance

Ion 202.00 (201.70 to 202.70): E

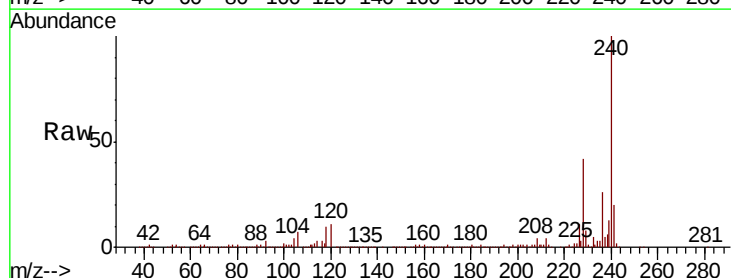
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.3	13.9
236	25.6	21.1	31.7

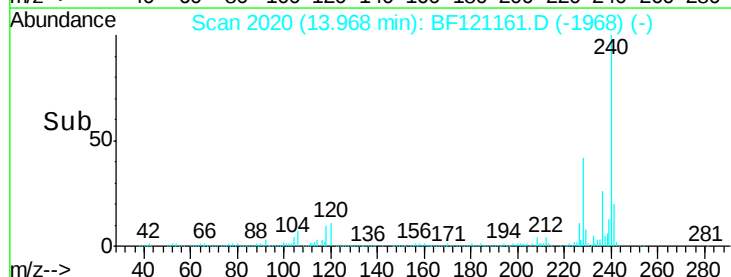
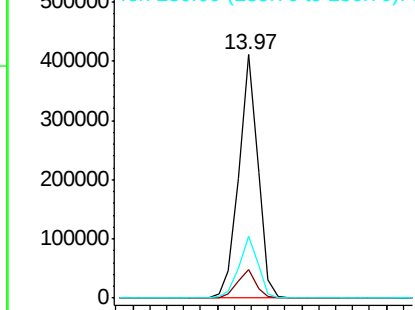


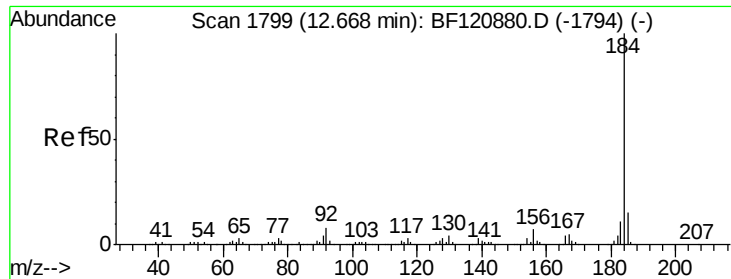
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.318 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

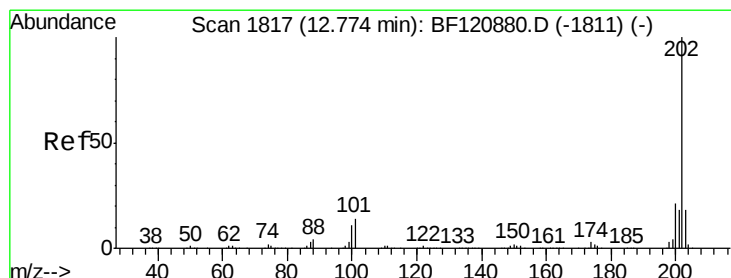
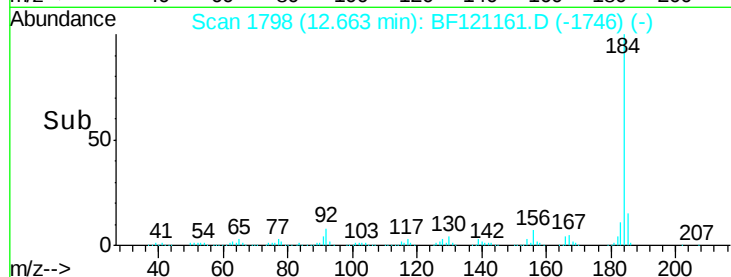
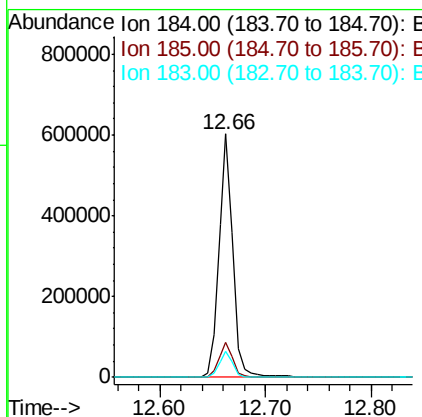
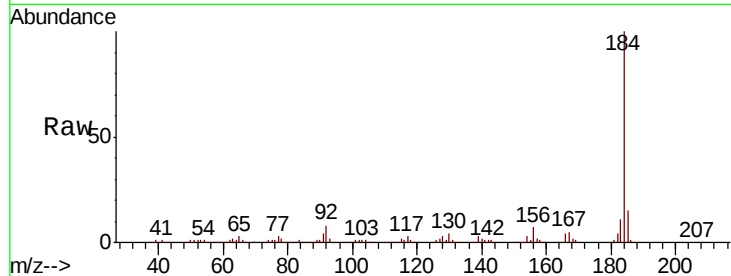
ClientSampleId :

TP-9MS

Tot Ion:	184	Resp:	563891
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.1	18.1
183	10.9	9.0	13.4

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#78

Pyrene

Concen: 49.923 ng

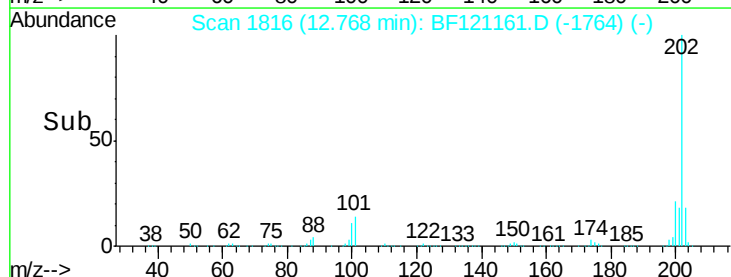
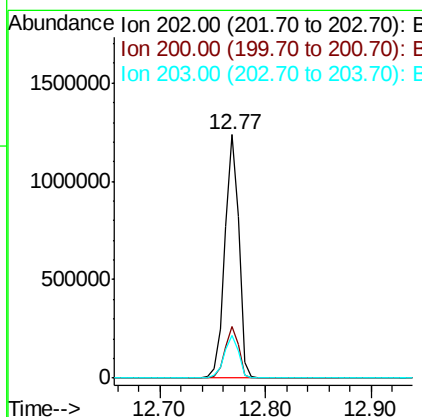
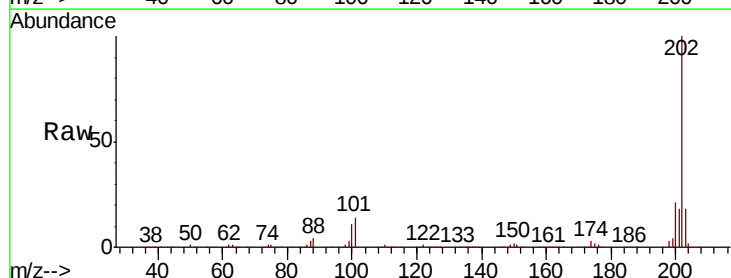
RT: 12.77 min Scan# 1816

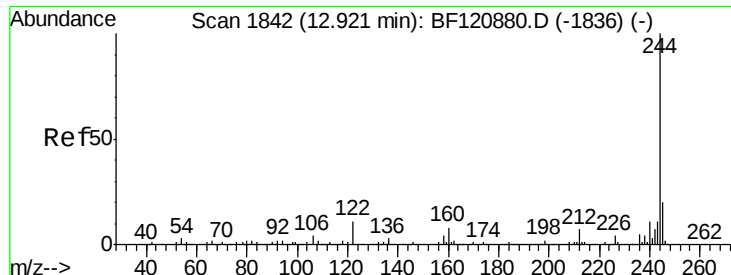
Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	202	Resp:	1141473
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	17.8	14.6	21.8





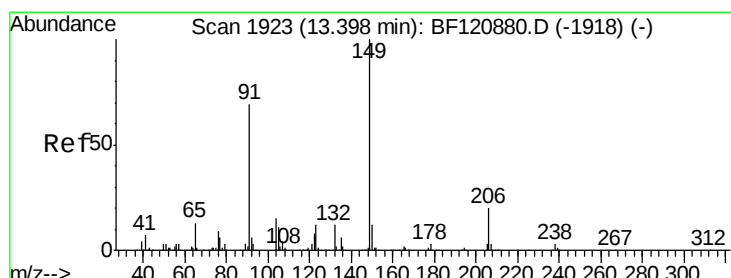
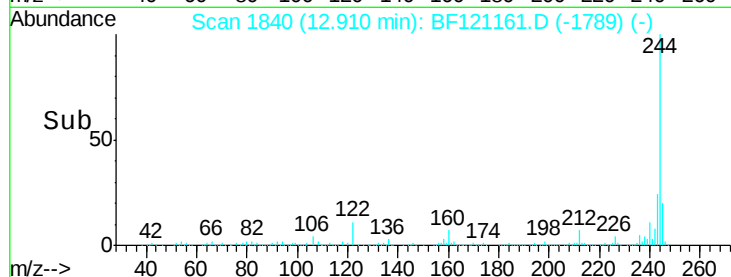
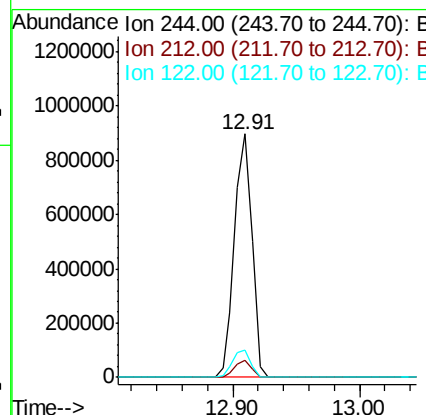
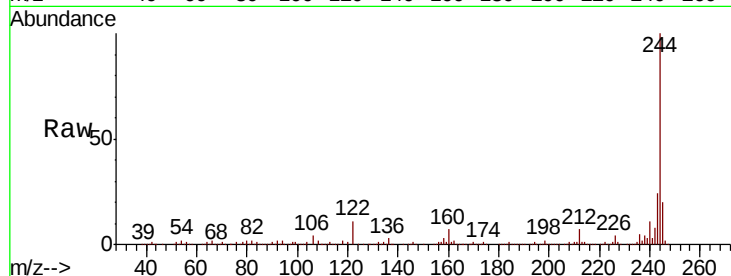
#79
Terphenyl-d14
Concen: 57.427 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	8.3	12.5

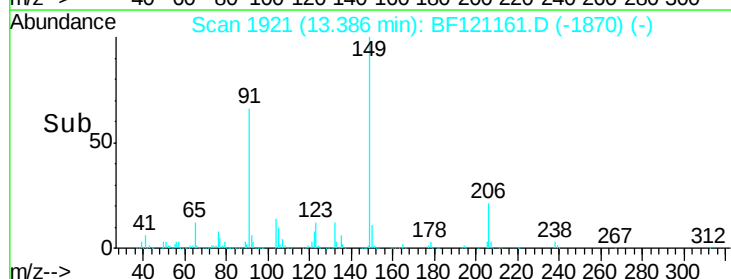
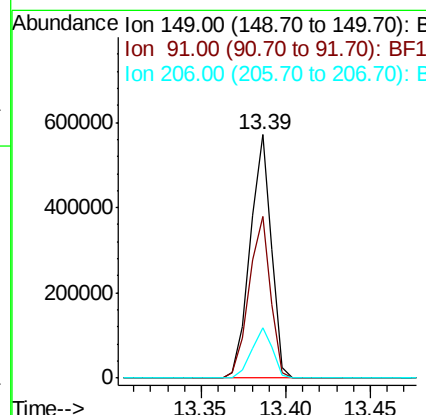
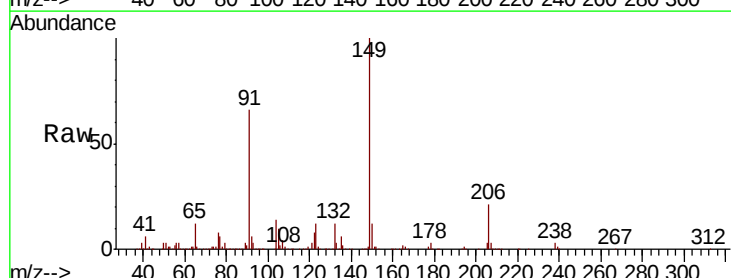
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#80
Butylbenzylphthalate
Concen: 49.171 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	51.4	77.0
206	20.8	17.9	26.9





#81

Benzo(a)anthracene

Concen: 44.691 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

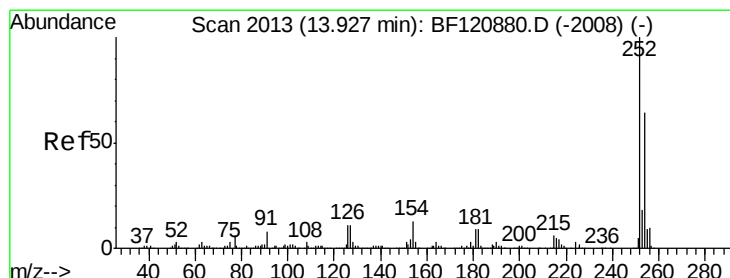
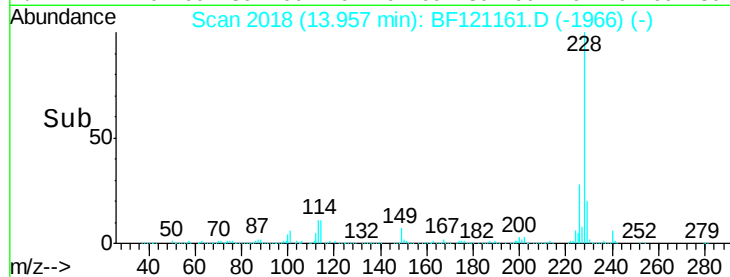
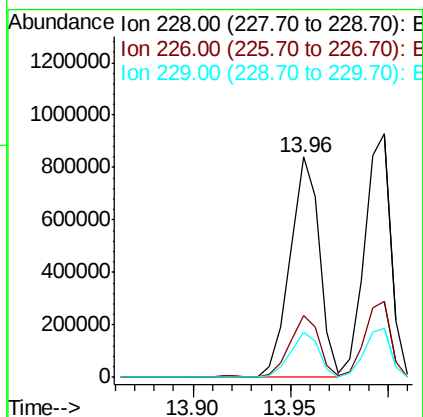
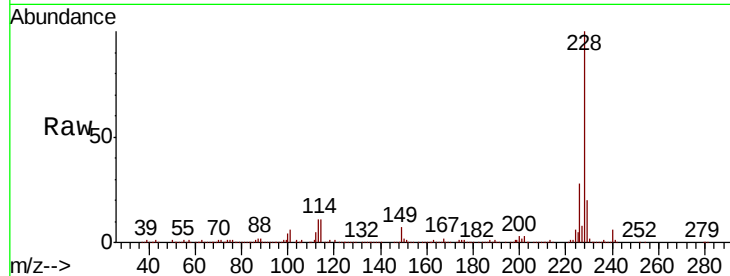
ClientSampleId :

TP-9MS

Tot Ion:	228	Resp:	875208
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	34.0
229	20.3	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 37.236 ng

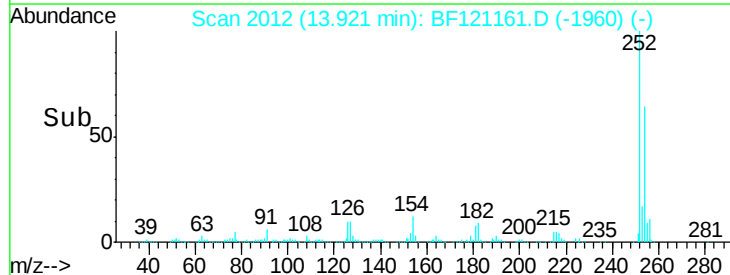
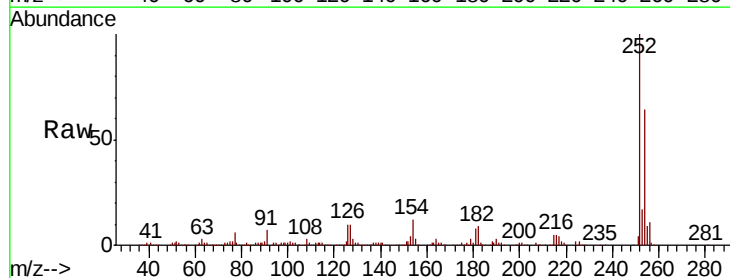
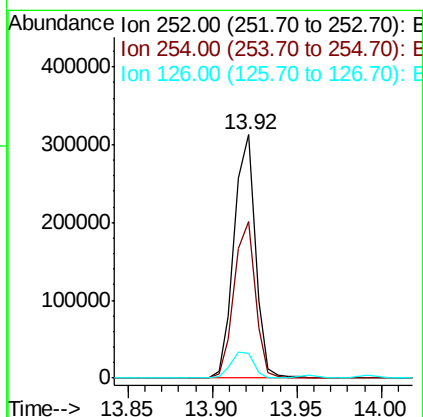
RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Tgt Ion:	252	Resp:	275111
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.3	76.9
126	10.0	9.2	13.8





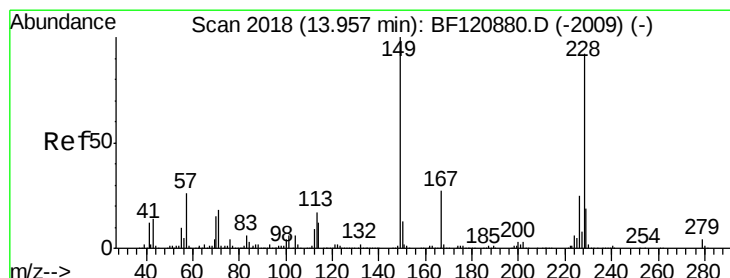
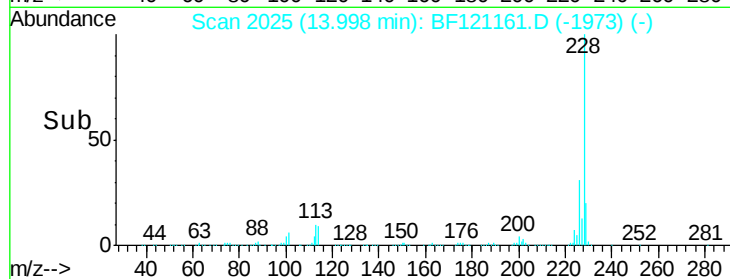
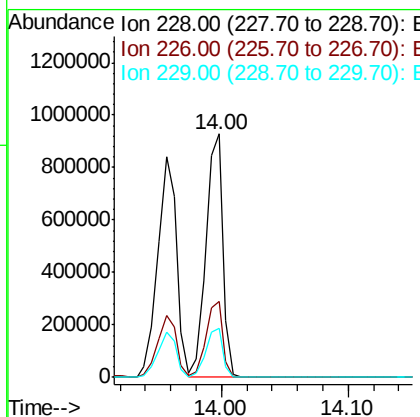
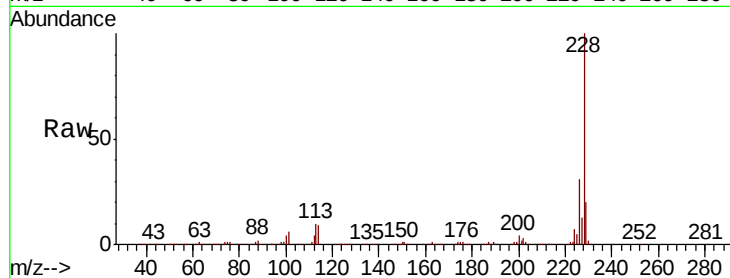
#83
 Chrvsene
 Concen: 42.052 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.9	16.2	24.4

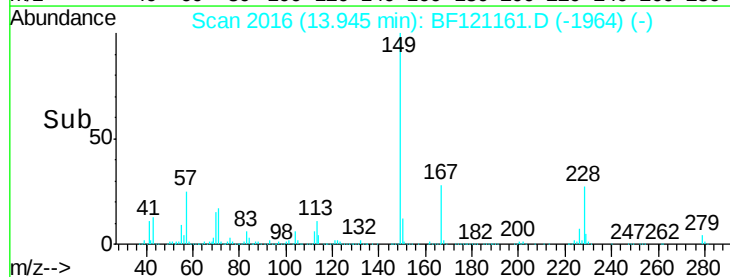
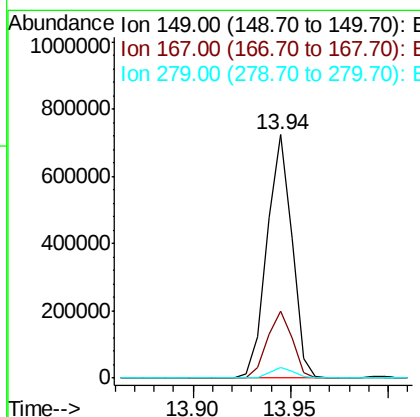
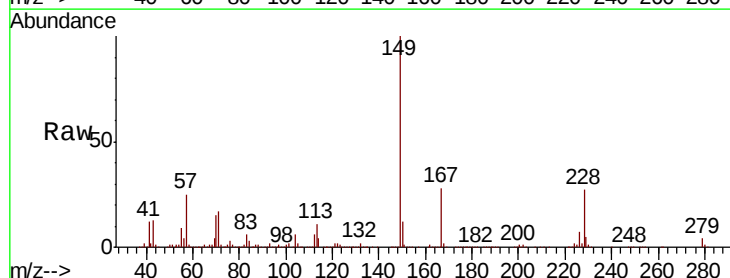
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.073 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 42.363 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121161.D

Acq: 31 Jul 2020 16:40

Instrument :

BNA_F

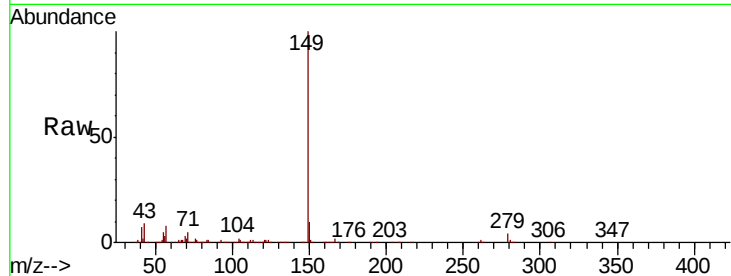
ClientSampleId :

TP-9MS

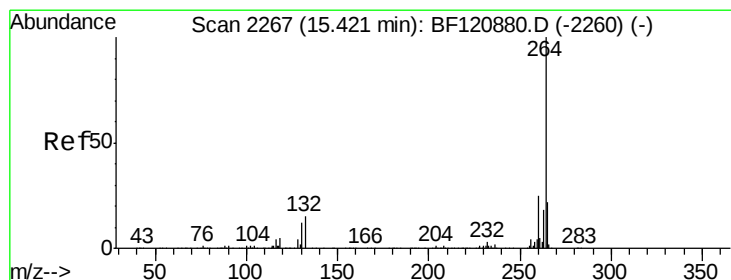
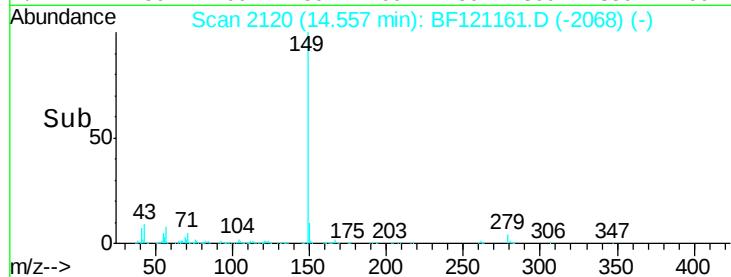
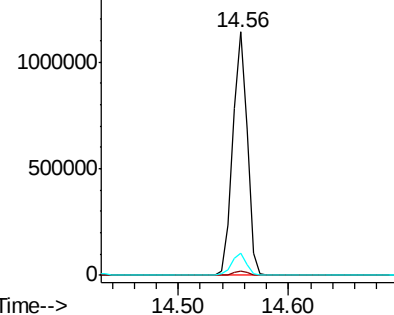
Tot Ion:	149	Resp:	1059335
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.5	11.3

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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

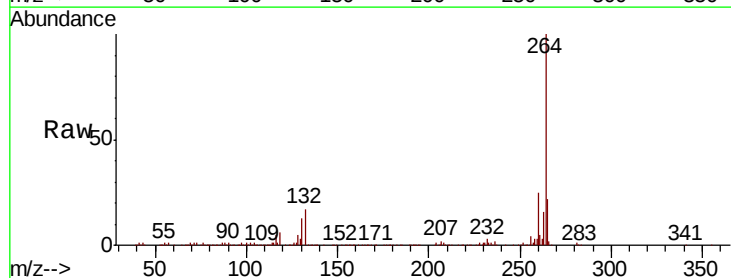
RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

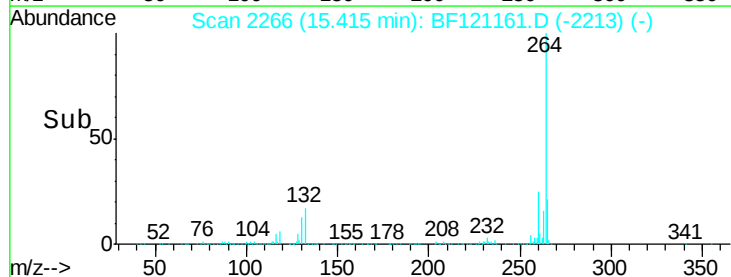
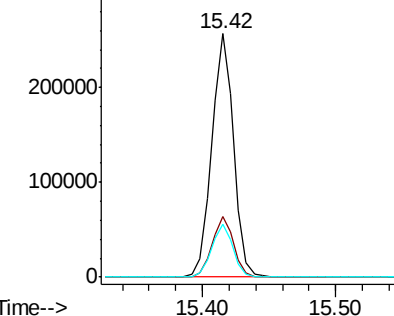
Lab File: BF121161.D

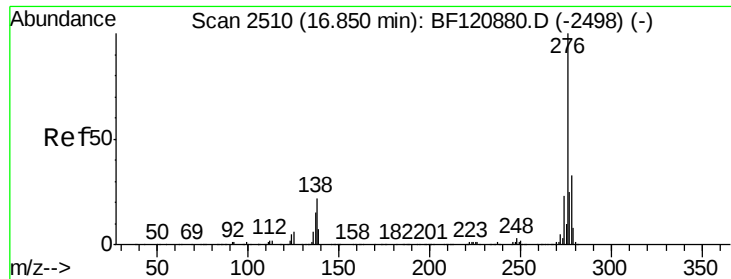
Acq: 31 Jul 2020 16:40

Tgt Ion:	264	Resp:	295261
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.5	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





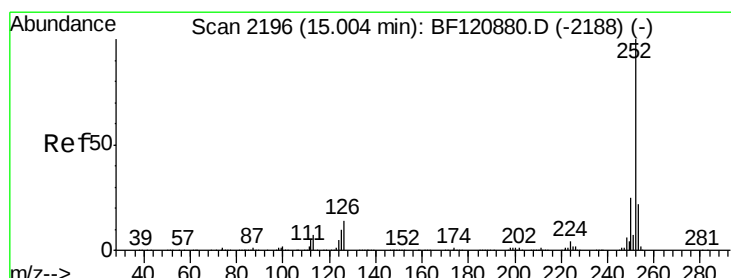
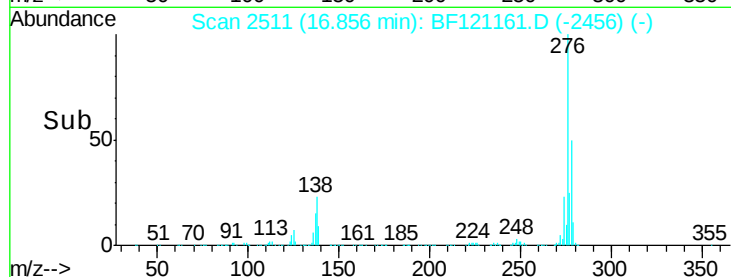
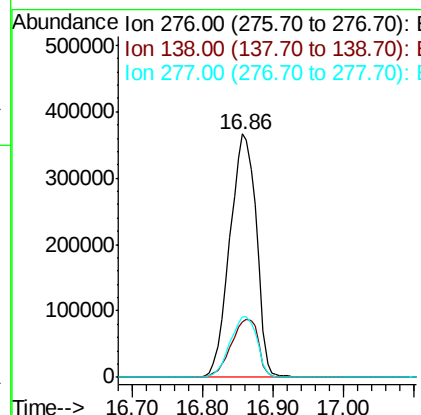
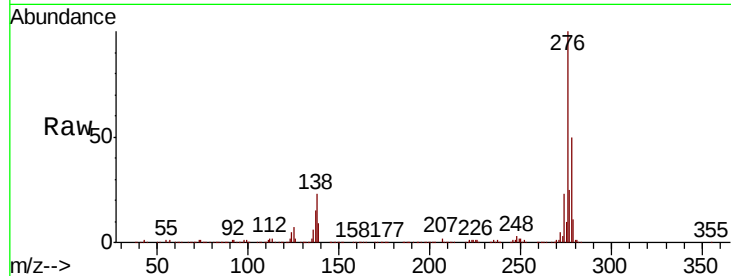
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.601 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.6	19.3	28.9	
277	25.3	20.1	30.1	

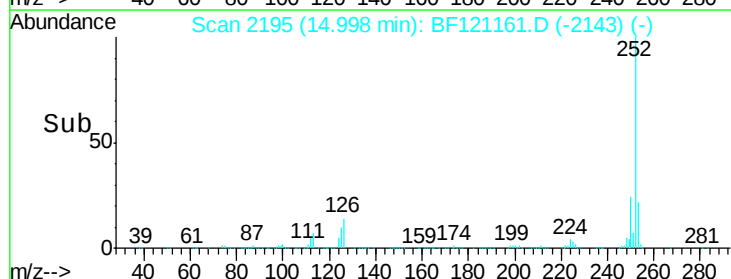
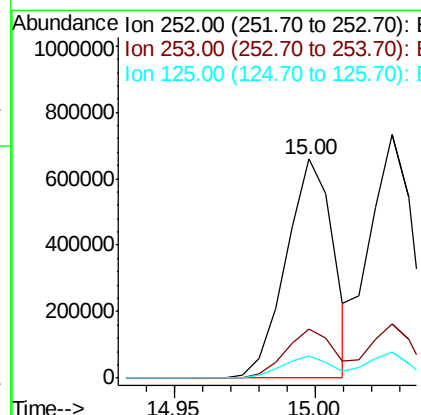
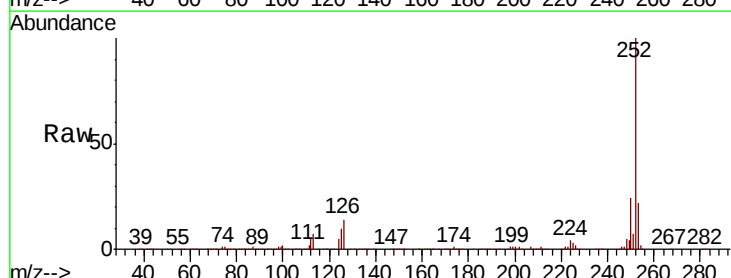
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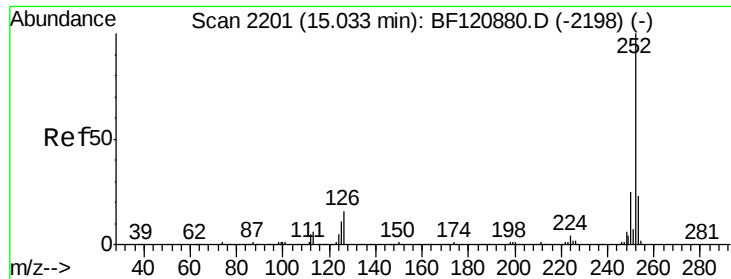
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 43.094 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121161.D
 Acq: 31 Jul 2020 16:40

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	17.9	26.9	
125	10.3	8.1	12.1	





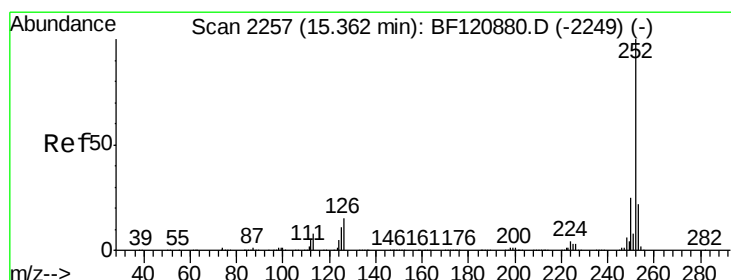
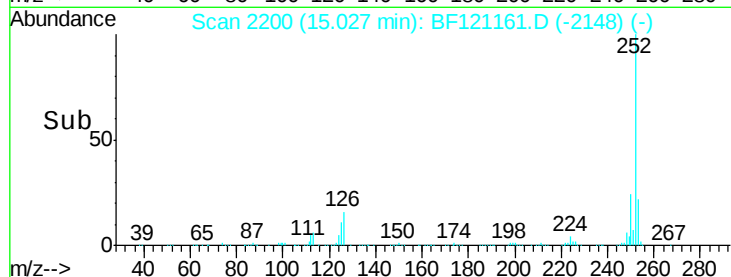
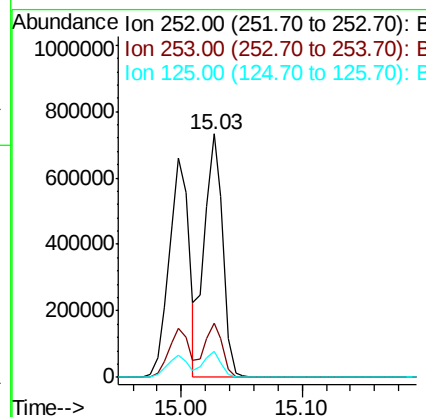
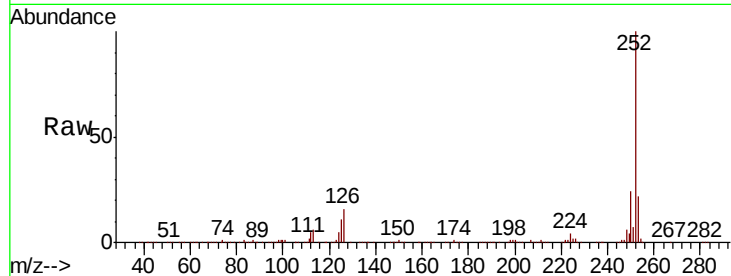
#89
Benzo(k)fluoranthene
Concen: 47.338 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.6	8.0	12.0

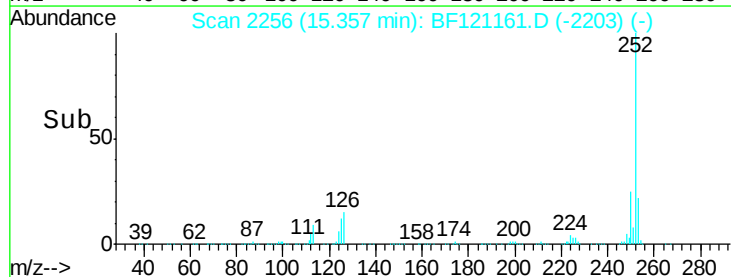
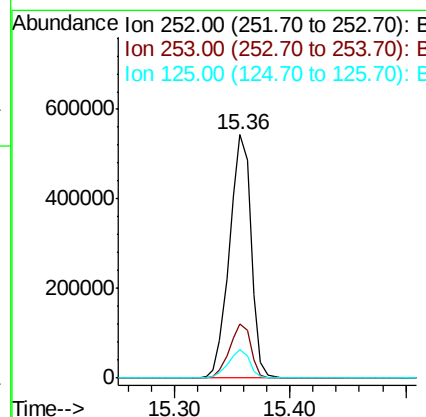
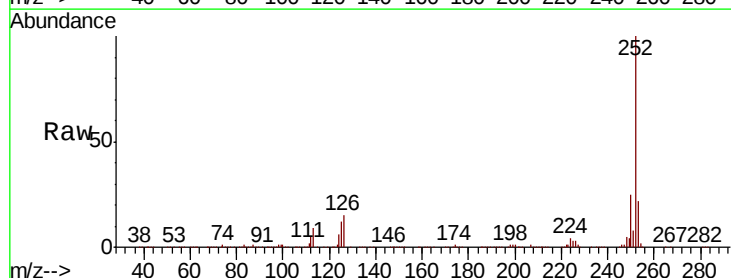
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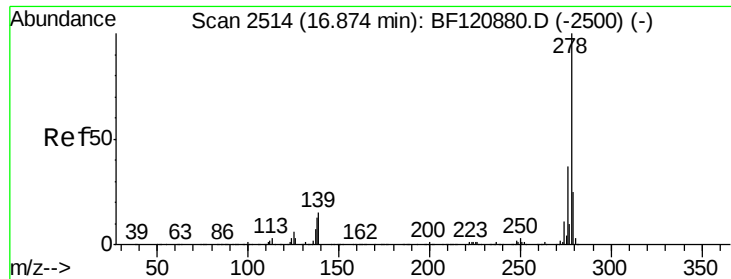
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#90
Benzo(a)pyrene
Concen: 43.566 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.7	9.5	14.3





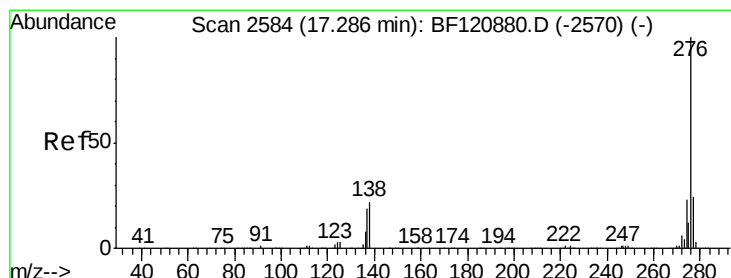
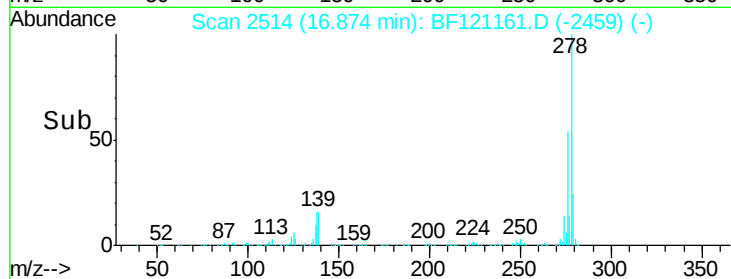
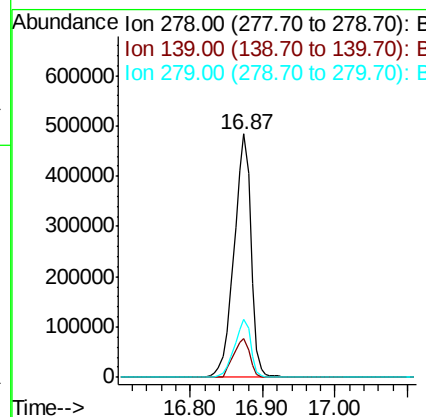
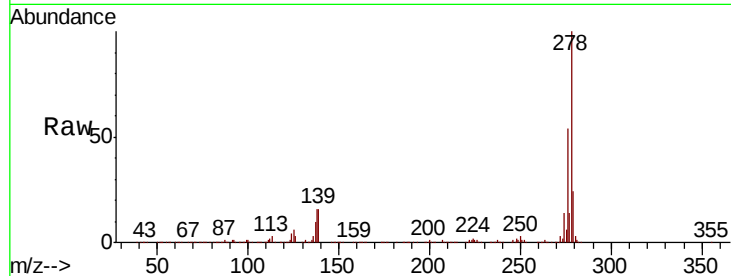
#91
Dibenzo(a,h)anthracene
Concen: 46.997 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	24.1	19.5	29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.249 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121161.D
Acq: 31 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	21.1	17.2	25.8

