

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121854.D
 Acq On : 6 Oct 2020 15:58
 Operator : JU/CG
 Sample : L4247-02MS 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:53 AM

Quant Time: Oct 07 09:16:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	117253	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	419047	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	187296	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	292737	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	292341	20.00	ng	-0.01
86) Perylene-d12	15.36	264	300669	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	18621	2.36	ng	0.00
7) Phenol-d6	6.41	99	26224	2.53	ng	0.00
23) Nitrobenzene-d5	7.32	82	15572	2.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	3784	1.63	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	33142	2.68	ng	-0.02
79) Terphenyl-d14	12.86	244	28721	1.99	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	2701	0.745	ng	# 62
3) Pyridine	3.35	79	5240m	0.523	ng	
4) n-Nitrosodimethylamine	3.19	42	2750m	0.592	ng	
6) Aniline	6.43	93	8018	0.595	ng	# 58
8) 2-Chlorophenol	6.56	128	7373	0.918	ng	96
9) Benzaldehyde	6.32	77	2223	0.329	ng	# 1
10) Phenol	6.42	94	10625	0.964	ng	76
11) bis(2-Chloroethyl)ether	6.49	93	9367	1.128	ng	94
12) 1,3-Dichlorobenzene	6.70	146	9000	1.004	ng	97
13) 1,4-Dichlorobenzene	6.78	146	9537	1.059	ng	93
14) 1,2-Dichlorobenzene	6.93	146	8837	1.066	ng	95
15) Benzyl Alcohol	6.92	79	6435	0.915	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.04	45	13387	1.001	ng	# 28
17) 2-Methylphenol	7.03	107	6902	1.010	ng	# 86
18) Hexachloroethane	7.27	117	3700	1.148	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	9331	1.564	ng	96
20) 3+4-Methylphenols	7.19	107	8136	0.991	ng	# 72
22) Acetophenone	7.16	105	24074m	2.264	ng	
24) Nitrobenzene	7.35	77	9055	1.073	ng	# 86
25) Isophorone	7.58	82	18561	1.181	ng	# 87
26) 2-Nitrophenol	7.67	139	4134m	3.544	ng	
27) 2,4-Dimethylphenol	7.71	122	6923	0.987	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	10752	1.105	ng	# 75
29) 2,4-Dichlorophenol	7.93	162	5023	0.786	ng	90
30) 1,2,4-Trichlorobenzene	7.99	180	6842	1.017	ng	95
31) Naphthalene	8.07	128	33534	1.516	ng	# 96
33) 4-Chloroaniline	8.13	127	7934	0.827	ng	95
34) Hexachlorobutadiene	8.18	225	4116	1.042	ng	96
35) Caprolactam	8.47	113	8455m	3.975	ng	
36) 4-Chloro-3-methylphenol	8.62	107	5604	0.814	ng	96
37) 2-Methylnaphthalene	8.76	142	38130	2.630	ng	100
38) 1-Methylnaphthalene	8.86	142	31972m	2.370	ng	
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	6285	1.074	ng	# 87
43) 2,4,6-Trichlorophenol	9.05	196	3267	0.819	ng	92

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.10	196	3331	0.790	nq	# 1
46) 1,1'-Biphenyl	9.22	154	20104	1.341	nq	100
47) 2-Chloronaphthalene	9.25	162	13248	1.121	nq	93
48) 2-Nitroaniline	9.35	65	4676	1.273	nq	# 80
49) Acenaphthylene	9.66	152	21108	1.163	nq	# 91
50) Dimethylphthalate	9.52	163	20311	1.496	nq	# 98
51) 2,6-Dinitrotoluene	9.59	165	2663	0.921	nq	95
52) Acenaphthene	9.83	154	13588	1.185	nq	97
53) 3-Nitroaniline	9.76	138	4488	1.340	nq	# 95
55) Dibenzofuran	10.00	168	19619	1.215	nq	# 86
56) 4-Nitrophenol	9.90	139	1192	0.446	nq	# 36
57) 2,4-Dinitrotoluene	10.00	165	3275	0.900	nq	# 78
58) Fluorene	10.35	166	17863	1.447	nq	95
59) 2,3,4,6-Tetrachlorophenol	10.14	232	1969	0.575	nq	# 6
60) Diethylphthalate	10.22	149	14070	1.063	nq	94
61) 4-Chlorophenyl-phenylether	10.34	204	6491	1.097	nq	93
62) 4-Nitroaniline	10.38	138	2071	0.623	nq	# 68
63) Azobenzene	10.50	77	13505	0.958	nq	86
66) n-Nitrosodiphenylamine	10.46	169	20989	2.090	nq	# 89
67) 4-Bromophenyl-phenylether	10.83	248	3718	1.116	nq	# 82
68) Hexachlorobenzene	10.90	284	3526	0.937	nq	# 90
69) Atrazine	10.98	200	3440	1.379	nq	92
70) Pentachlorophenol	11.12	266	360	0.174	nq	# 18
71) Phenanthrene	11.30	178	27202	1.706	nq	97
72) Anthracene	11.36	178	19330	1.174	nq	98
73) Carbazole	11.52	167	15396	1.037	nq	94
74) Di-n-butylphthalate	11.85	149	21122	1.232	nq	99
75) Fluoranthene	12.49	202	22670	1.331	nq	99
77) Benzidine	12.63	184	4739	0.489	nq	# 75
78) Pyrene	12.72	202	26470	1.239	nq	97
80) Butylbenzylphthalate	13.34	149	7925	0.917	nq	99
81) Benzo(a)anthracene	13.91	228	23692	1.281	nq	98
82) 3,3'-Dichlorobenzidine	13.87	252	7099	0.983	nq	# 97
83) Chrysene	13.94	228	22935	1.225	nq	97
84) Bis(2-ethylhexyl)phthalate	13.90	149	11988	1.039	nq	# 84
85) Di-n-octyl phthalate	14.51	149	21669	1.064	nq	# 66
87) Indeno(1,2,3-cd)pyrene	16.77	276	22174	1.132	nq	# 82
88) Benzo(b)fluoranthene	14.94	252	22910	1.140	nq	# 83
89) Benzo(k)fluoranthene	14.97	252	21599	1.173	nq	# 62
90) Benzo(a)pyrene	15.30	252	20569	1.204	nq	# 86
91) Dibenzo(a,h)anthracene	16.79	278	18180	1.115	nq	95
92) Benzo(g,h,i)perylene	17.20	276	18561	1.158	nq	93

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



#1

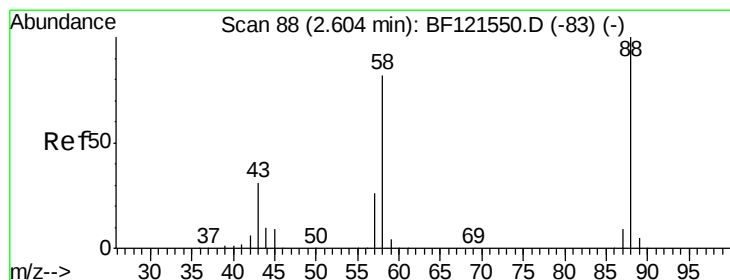
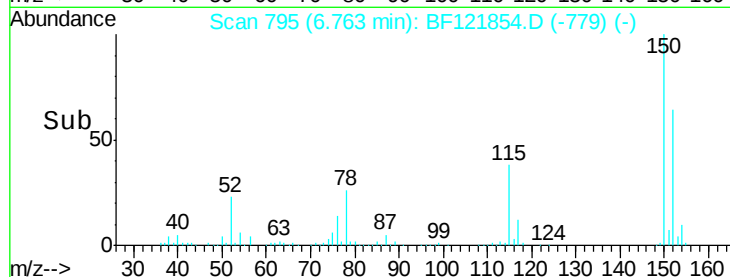
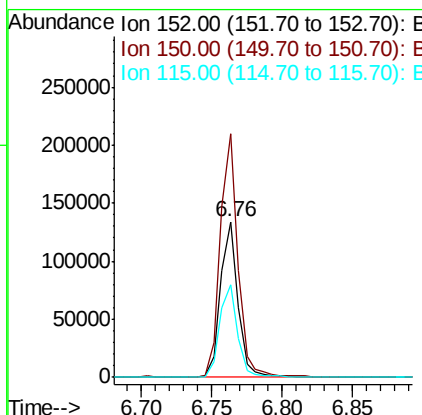
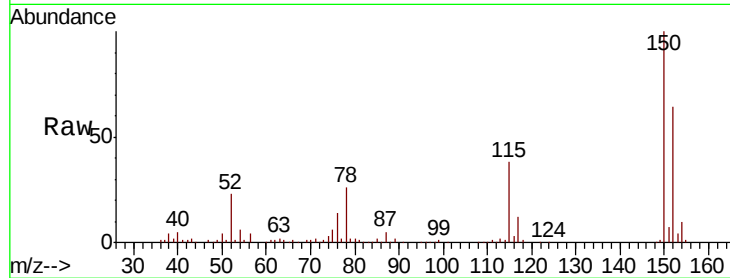
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.3	187.9
115	59.8	51.9	77.9

Manual Integrations
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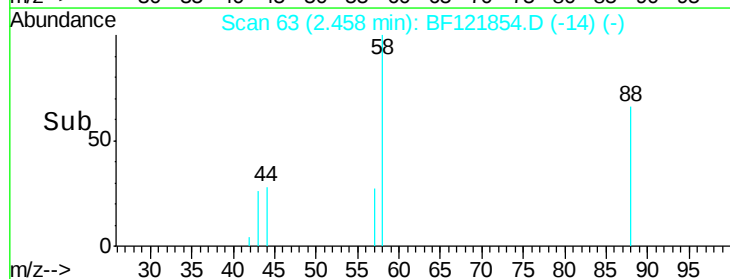
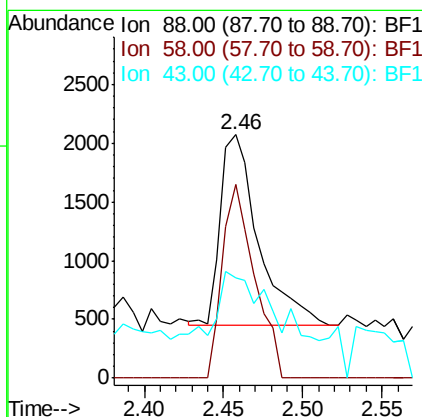
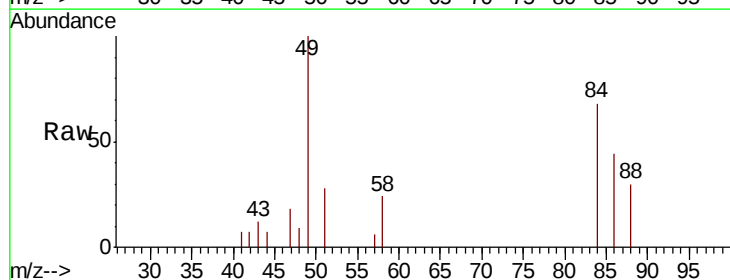
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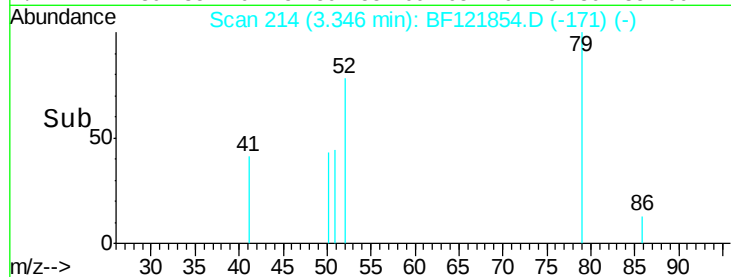
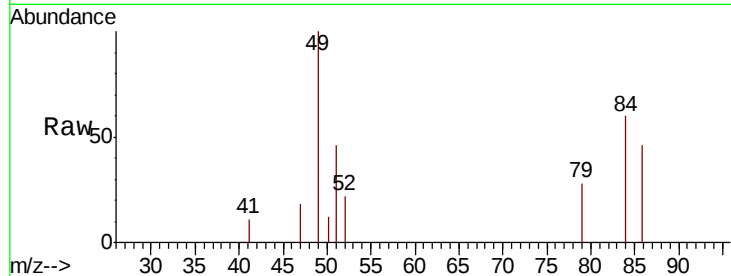
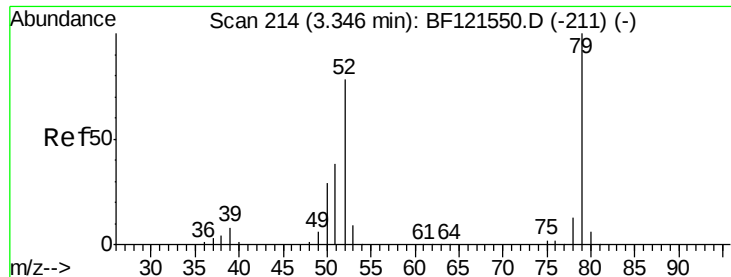


#2

1,4-Dioxane
Concen: 0.745 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	65.8	98.8
43	102.7	25.8	38.8





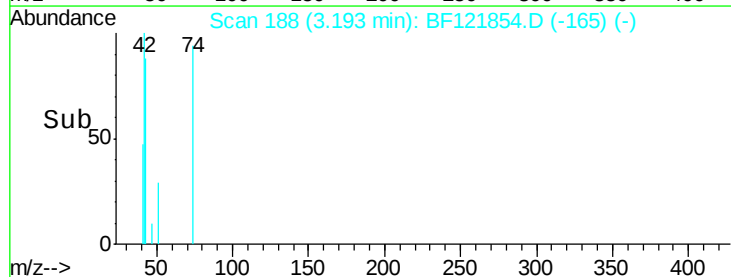
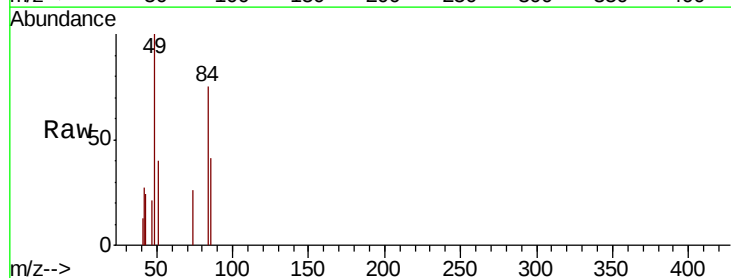
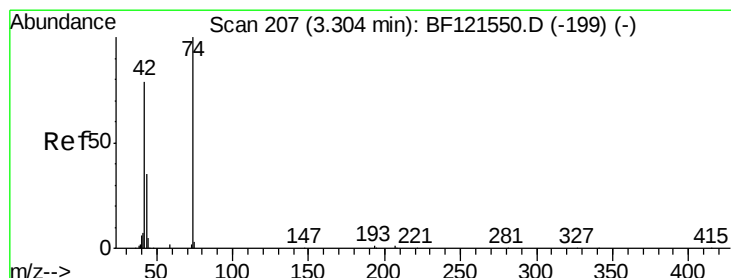
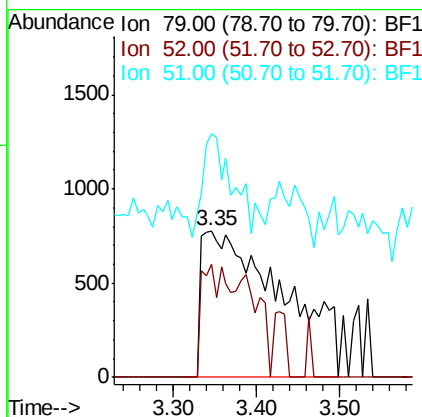
#3
 Pvridine
 Concen: 0.523 ng m
 RT: 3.35 min Scan# 214
 Delta R.T. 0.15 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.5	62.2	93.4
51	166.1	31.1	46.7#

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

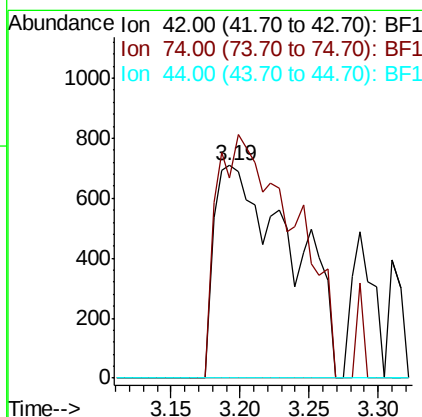
Manual Integrations
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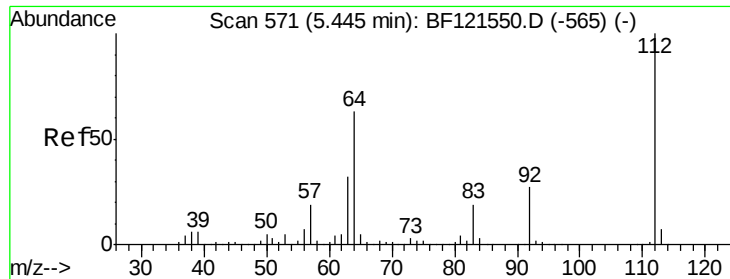
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#4
 n-Nitrosodimethylamine
 Concen: 0.592 ng m
 RT: 3.19 min Scan# 188
 Delta R.T. 0.04 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.1	100.2	150.2#
44	0.0	5.8	8.6#





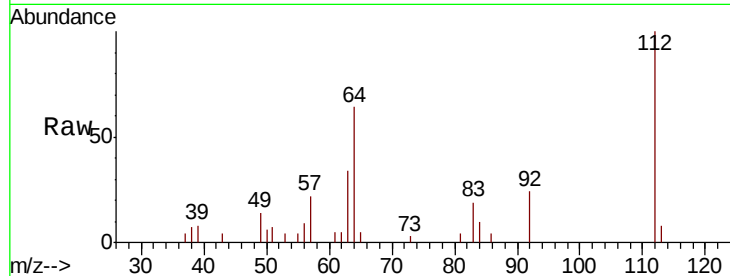
#5
2-Fluorophenol
Concen: 2.360 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampled :
B-18(0-1)MS

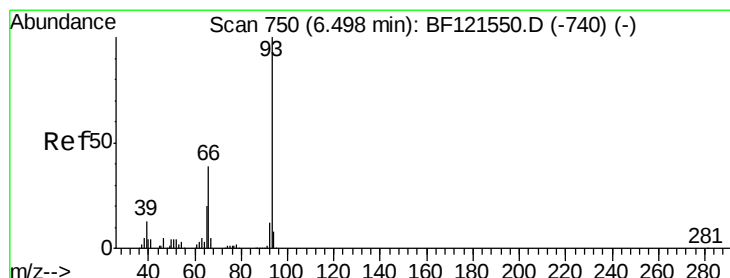
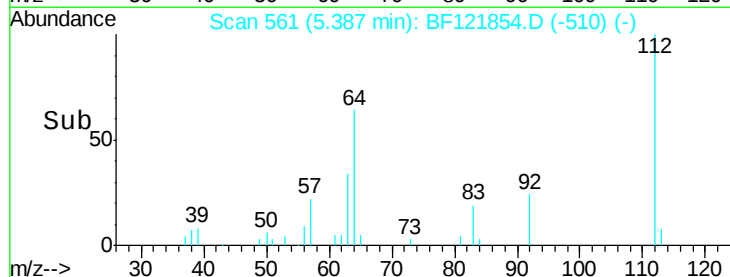
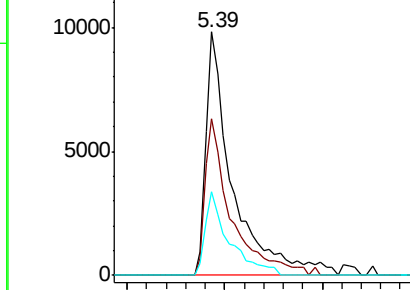
Tot Ion	Ratio	Resp	Lower	Upper
112	100	18621		
64	64.1	50.4	75.6	
63	34.1	25.8	38.6	

Manual Integrations
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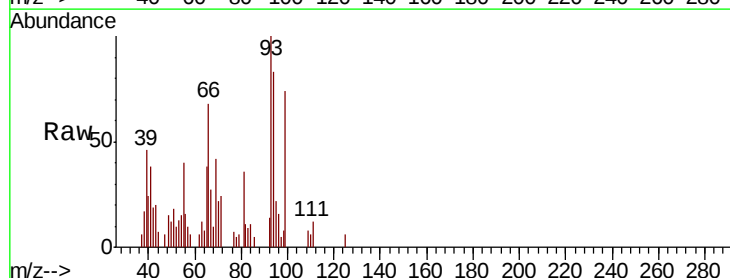


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

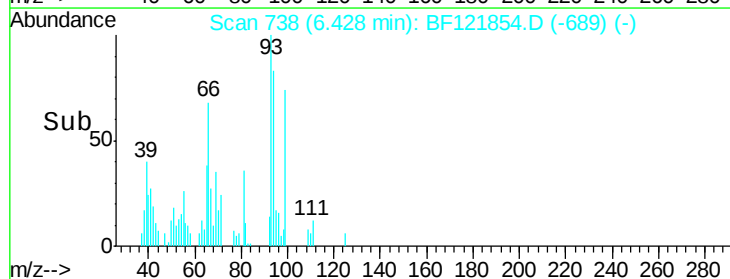
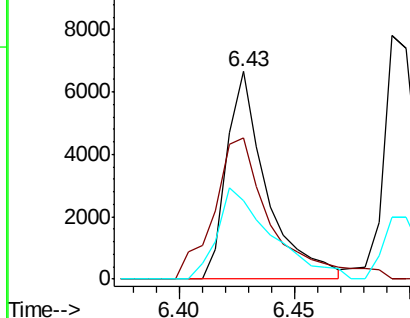


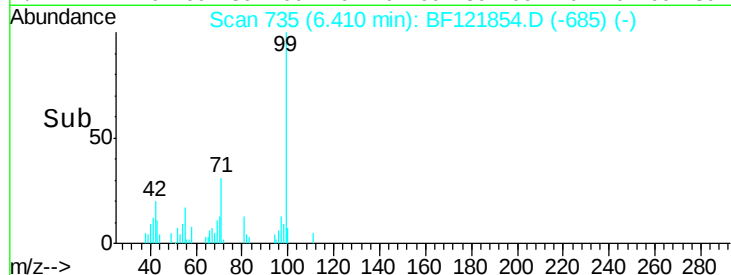
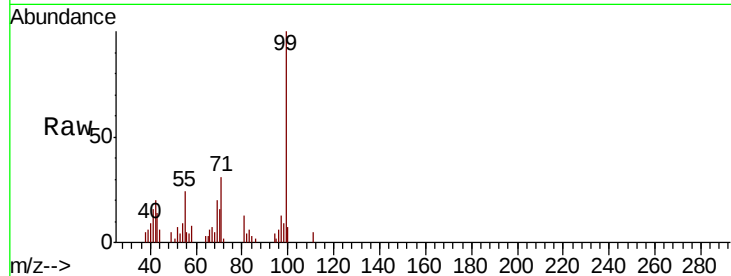
#6
Aniline
Concen: 0.595 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	8018		
66	68.4	32.7	49.1#	
65	37.7	16.6	24.8#	



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: 2.533 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tot Ion:	99	Resp:	26224
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.9	23.9
71	31.4	27.1	40.7

Instrument :

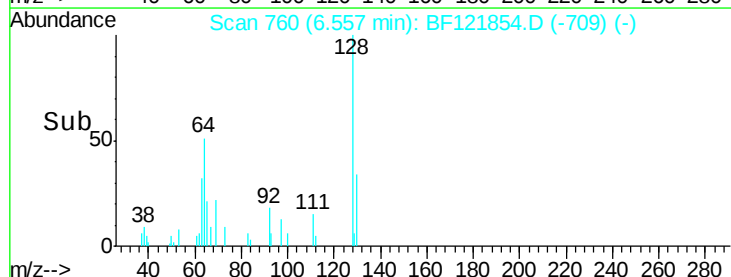
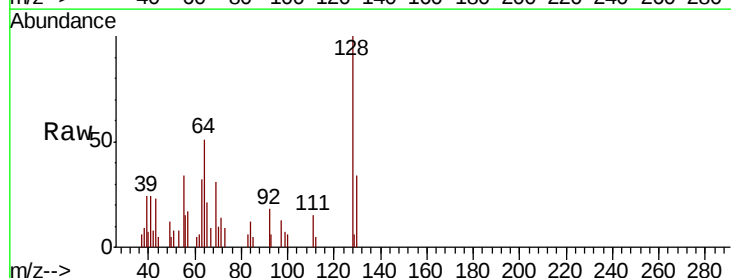
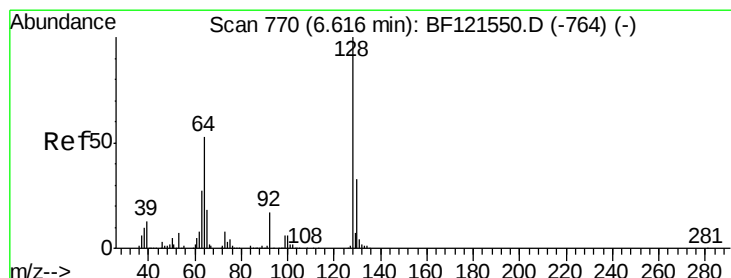
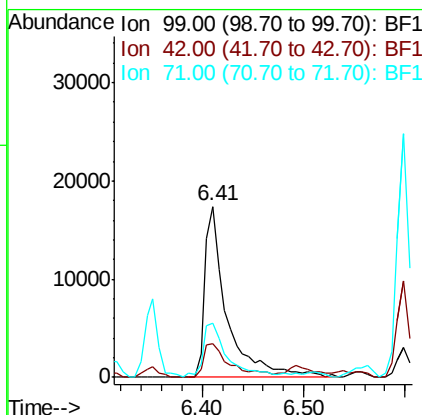
BNA_F

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B-18(0-1)MS

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#8

2-Chlorophenol

Concen: 0.918 ng

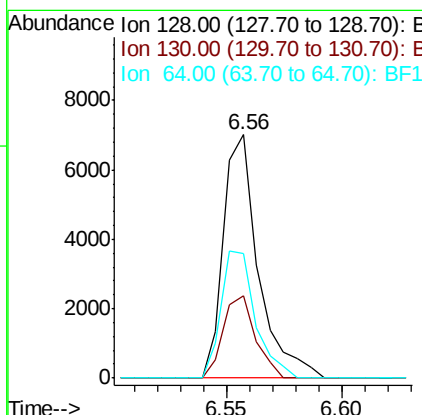
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion:	128	Resp:	7373
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.4	52.4
64	51.0	34.8	74.8





#9

Benzaldehyde

Concen: 0.329 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

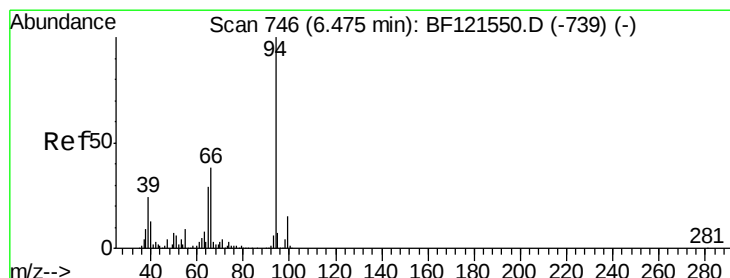
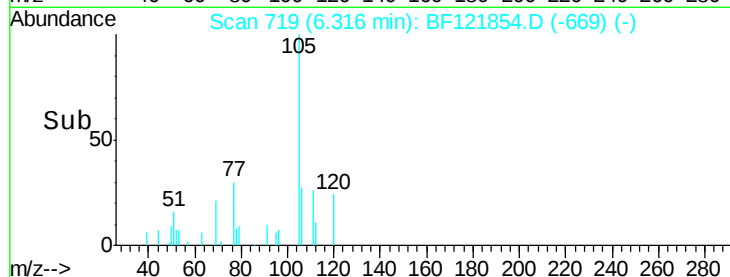
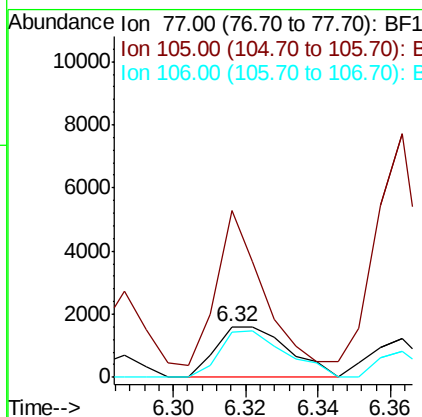
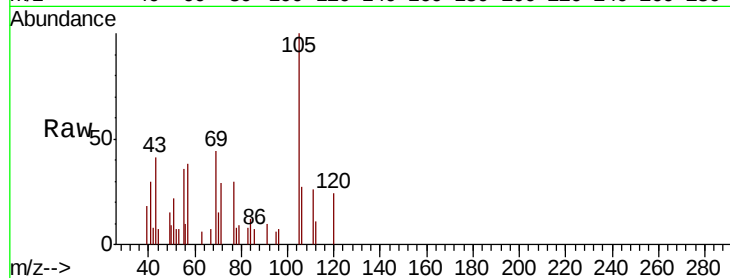
ClientSampled :

B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	331.9	76.7	116.7#
106	90.6	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 0.964 ng

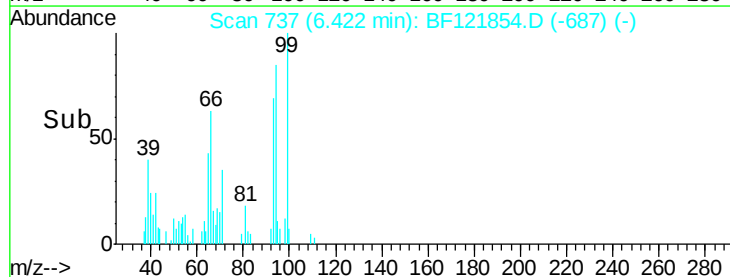
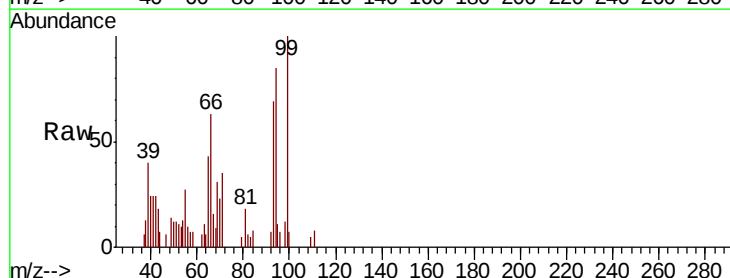
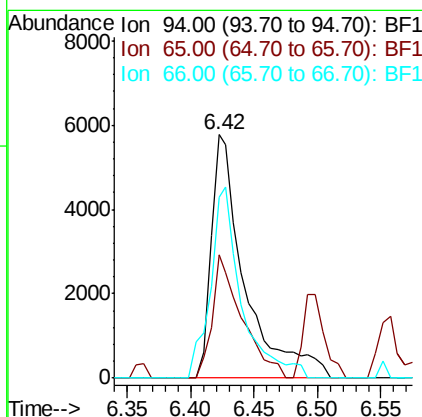
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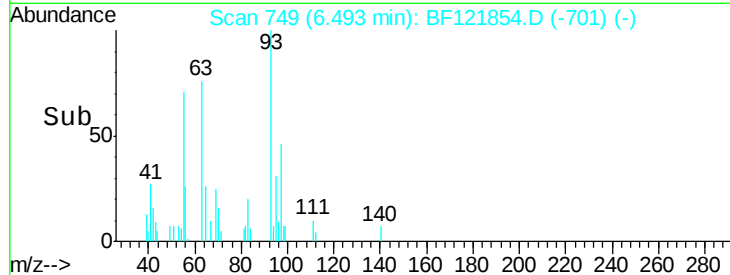
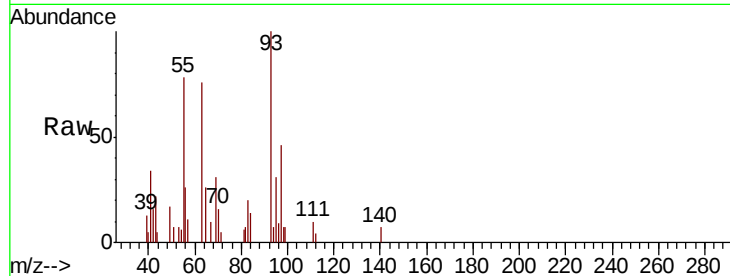
Delta R.T. -0.01 min

Lab File: BF121854.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	50.5	17.1	57.1
66	74.5	36.0	76.0





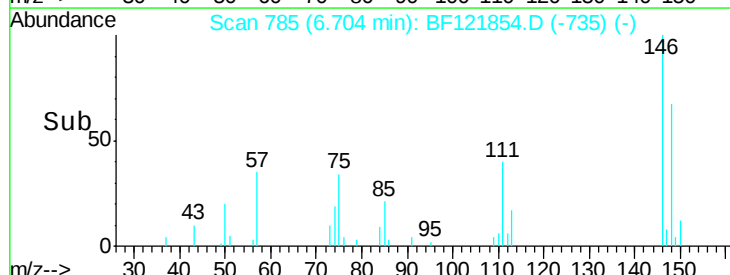
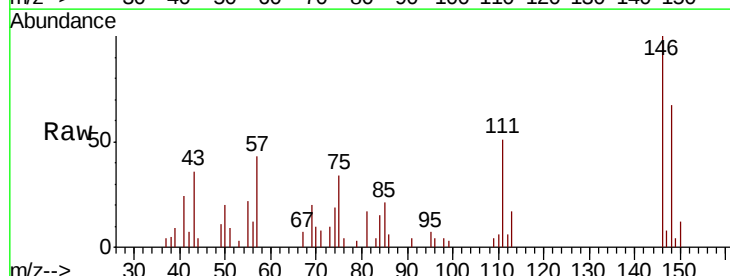
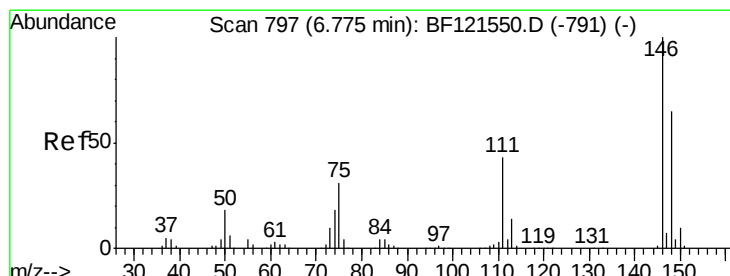
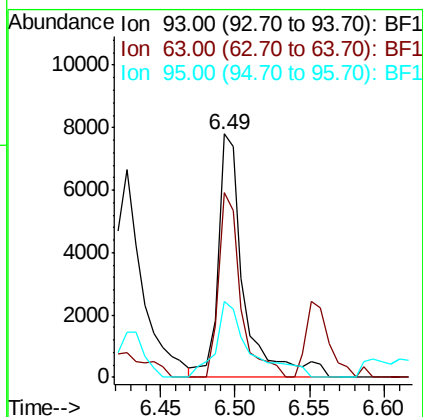
#11
bis(2-Chloroethyl)ether
Concen: 1.128 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tot Ion:	93	Resp:	9367
Ion	Ratio	Lower	Upper
93	100		
63	75.7	62.4	102.4
95	31.3	12.6	52.6

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

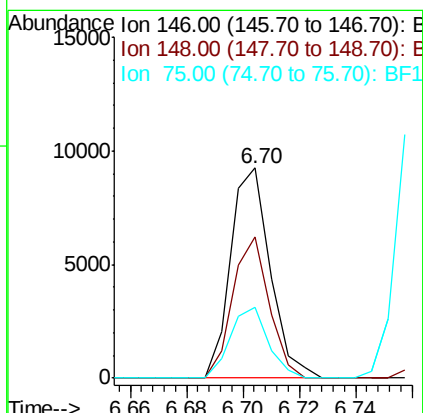
Manual Integrations
APPROVED

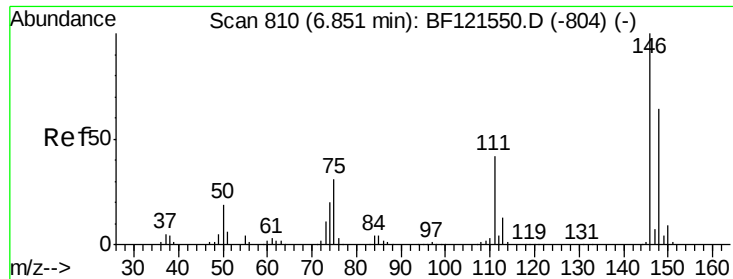
mohammad
10/7/2020 10:40:53 AM



#12
1,3-Dichlorobenzene
Concen: 1.004 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion:	146	Resp:	9000
Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.0	76.4
75	33.7	27.6	41.4





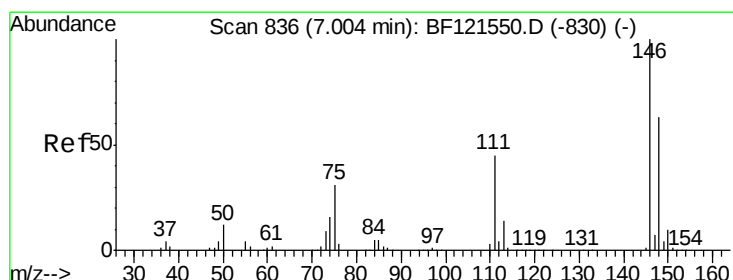
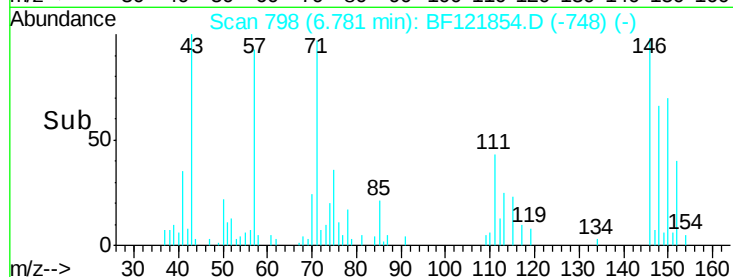
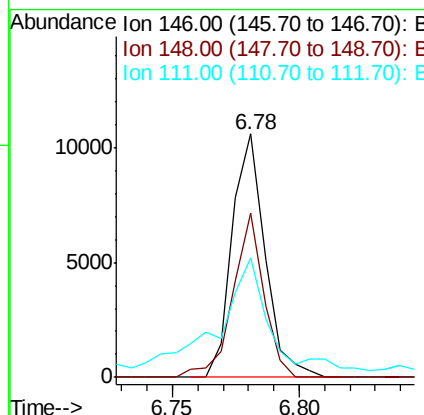
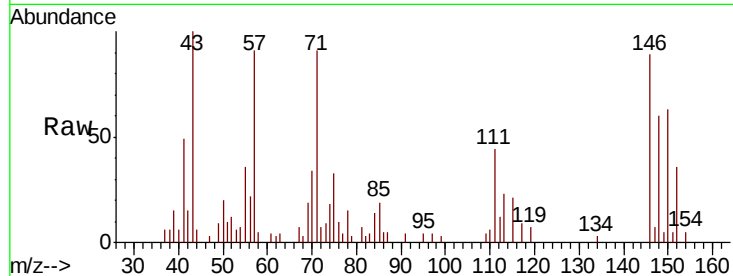
#13
1,4-Dichlorobenzene
Concen: 1.059 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.1	75.1
111	49.1	34.6	52.0

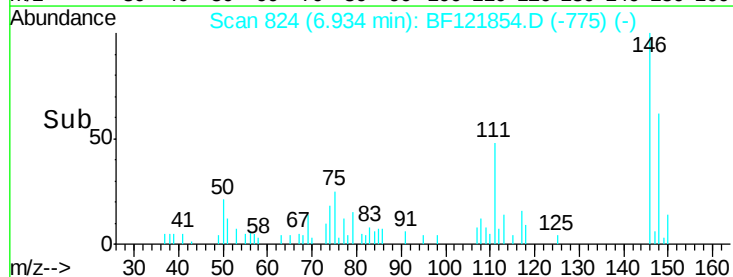
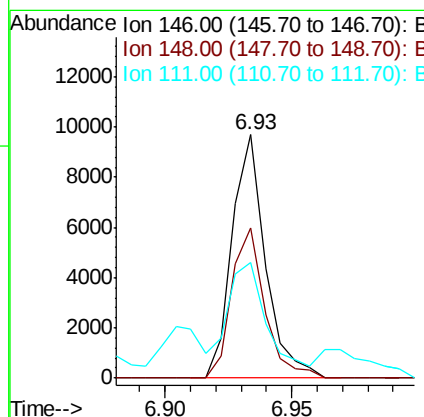
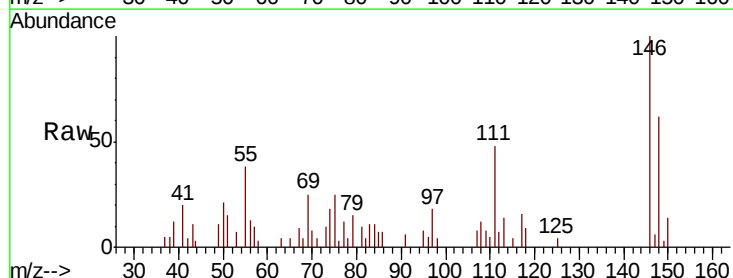
Manual Integrations
APPROVED

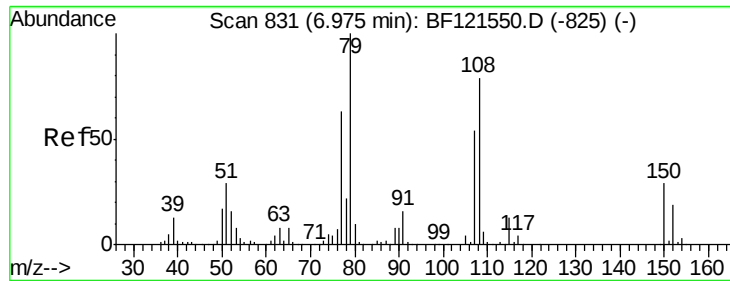
mohammad
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#14
1,2-Dichlorobenzene
Concen: 1.066 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.1	76.7
111	47.6	34.2	51.4





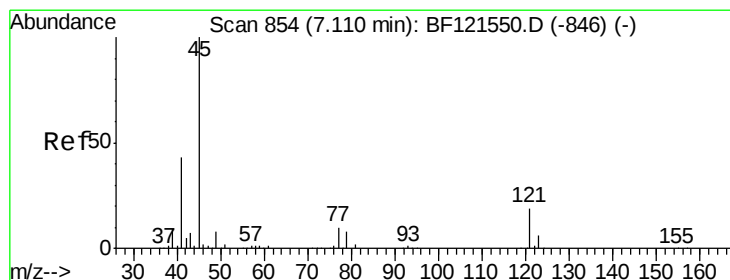
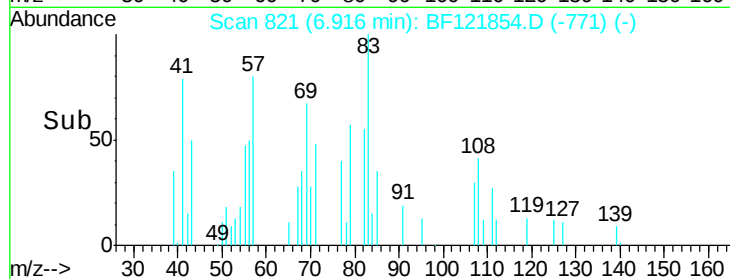
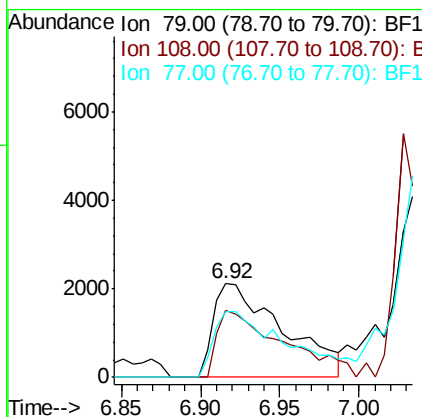
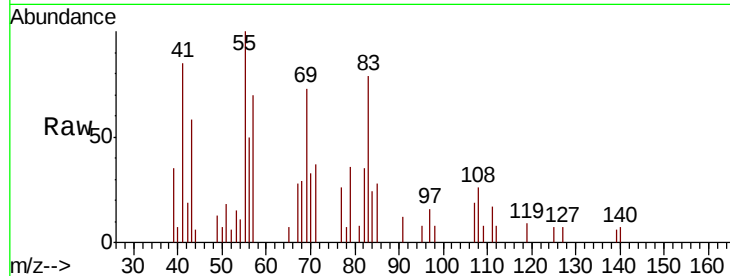
#15
Benzyl Alcohol
Concen: 0.915 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	62.3	93.5
77	70.1	50.6	75.8

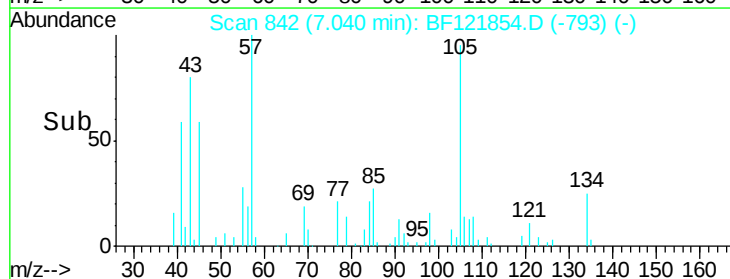
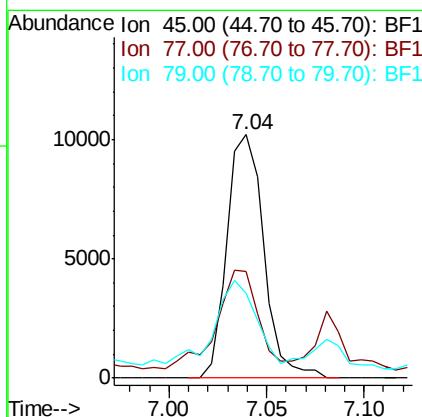
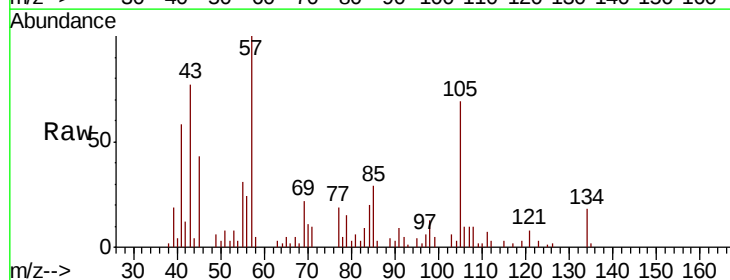
Manual Integrations
APPROVED

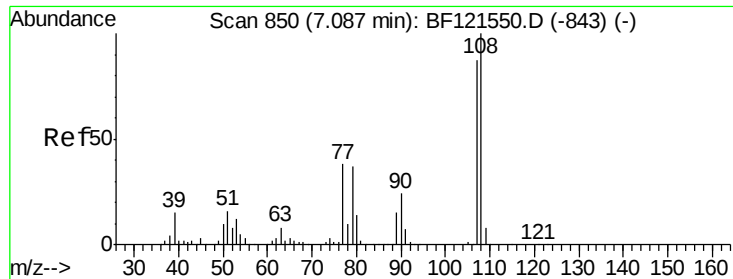
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.001 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	44.0	0.0	33.3#
79	34.9	0.0	30.4#





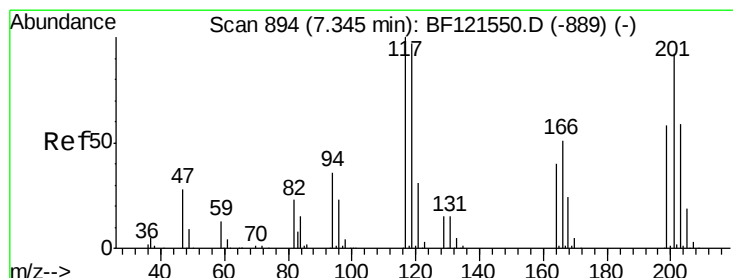
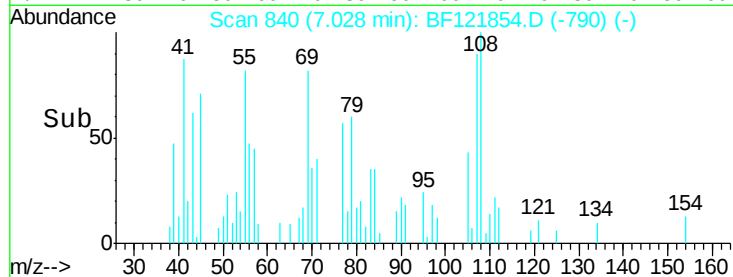
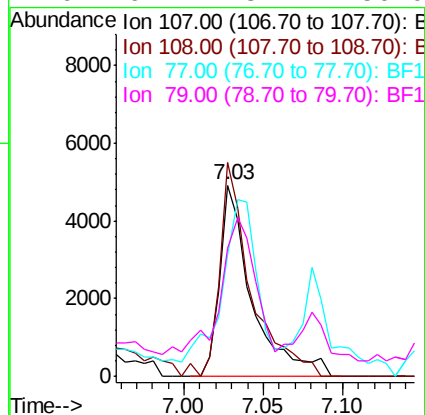
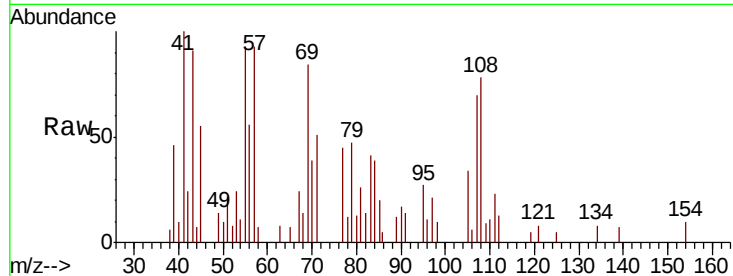
#17
2-Methylphenol
Concen: 1.010 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion:	107	Resp:	6902
Ion Ratio	Lower	Upper	
107	100		
108	111.6	90.9	136.3
77	63.5	37.5	56.3#
79	67.2	37.4	56.0#

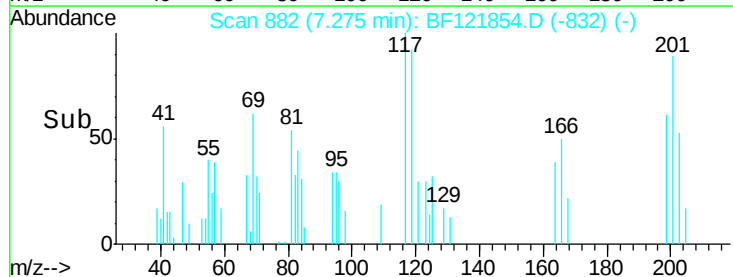
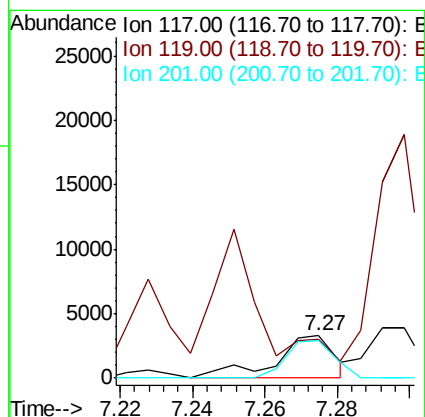
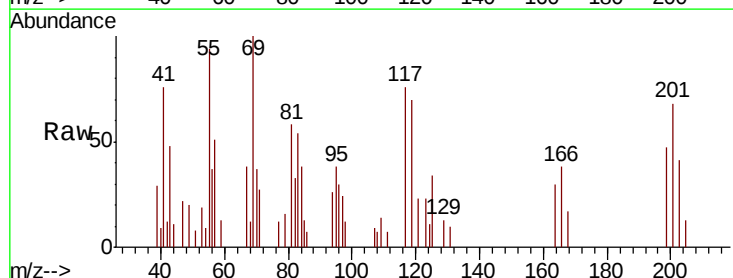
Manual Integrations
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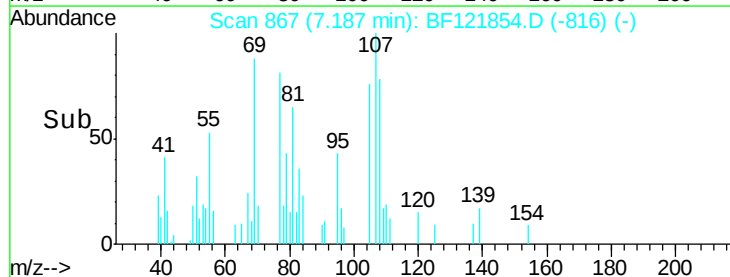
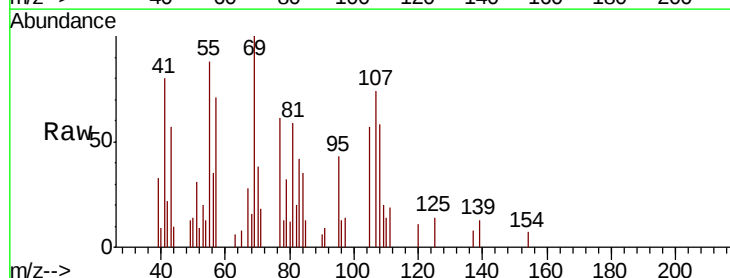
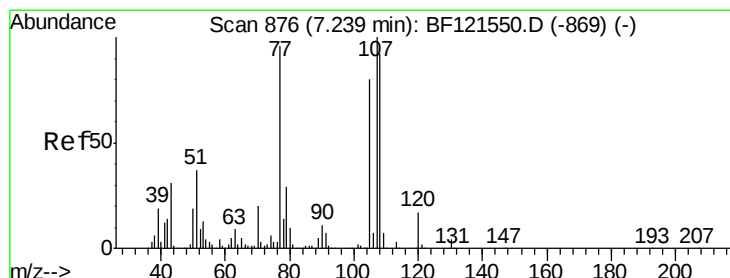
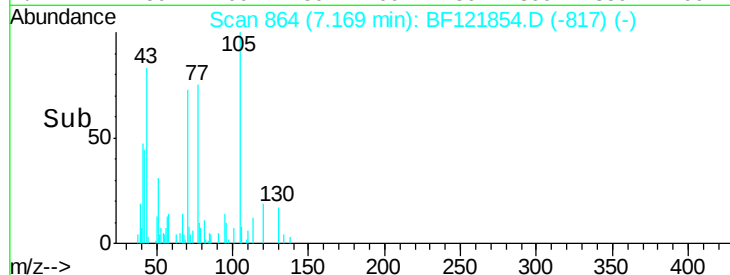
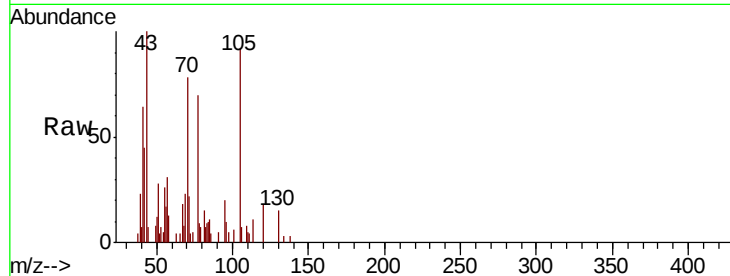
mohammad
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#18
Hexachloroethane
Concen: 1.148 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion:	117	Resp:	3700
Ion Ratio	Lower	Upper	
117	100		
119	91.8	76.3	114.5
201	88.6	71.8	107.6





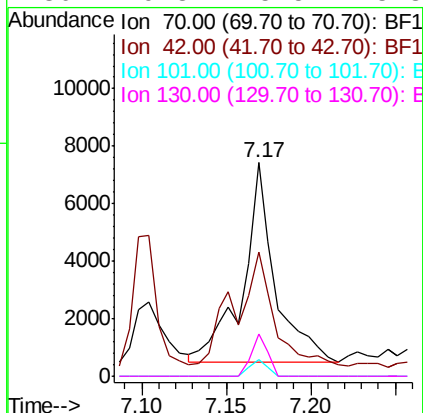
#19
n-Nitroso-di-n-propylamine
Concen: 1.564 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	50.2	75.4
101	8.0	7.5	11.3
130	19.8	15.5	23.3

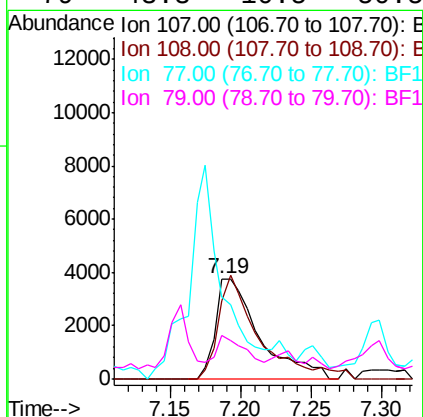
Manual Integrations
APPROVED

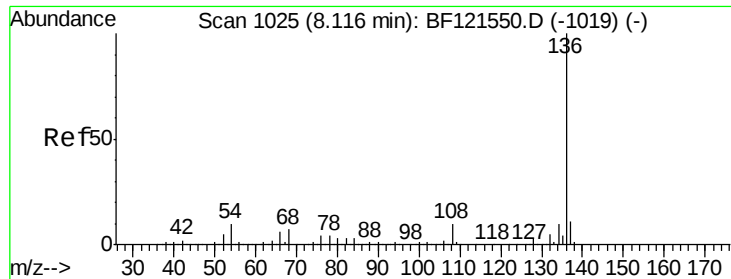
mohammad
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#20
3+4-Methylphenols
Concen: 0.991 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.0	68.9	108.9
77	81.4	108.0	148.0
79	43.3	10.5	50.5





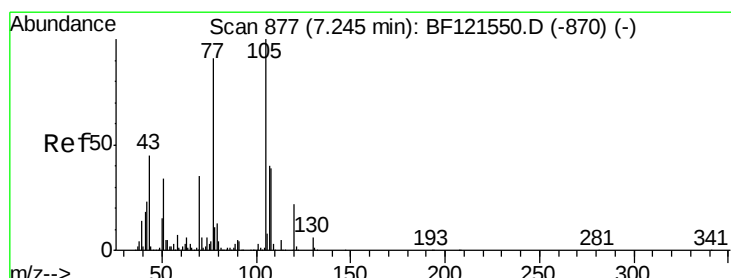
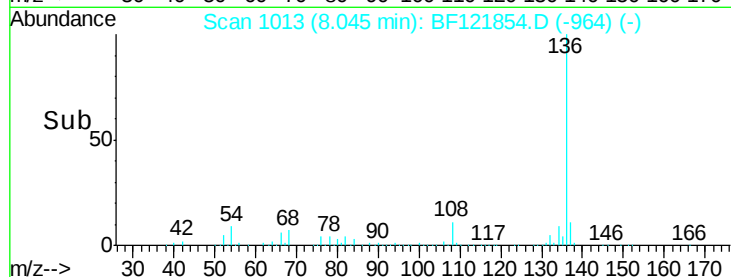
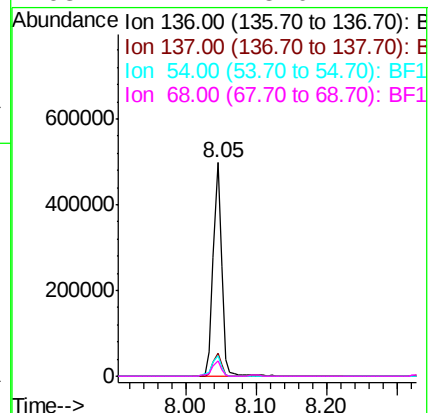
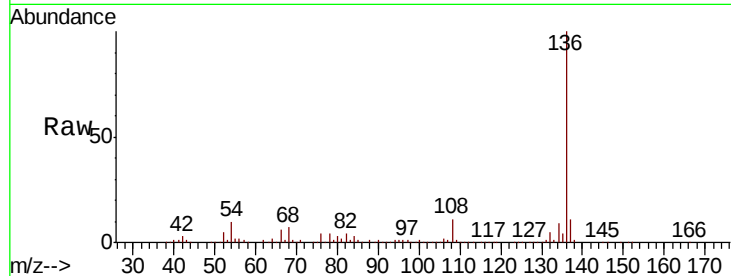
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.1	10.7
68	7.1	5.0	7.4

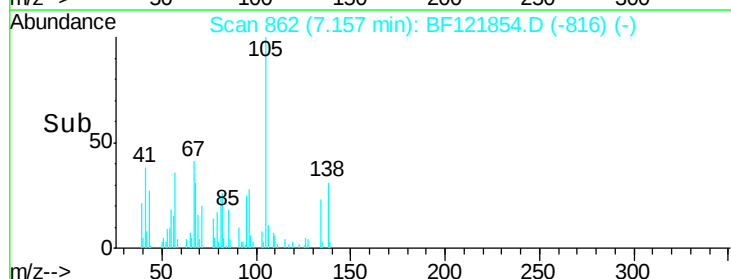
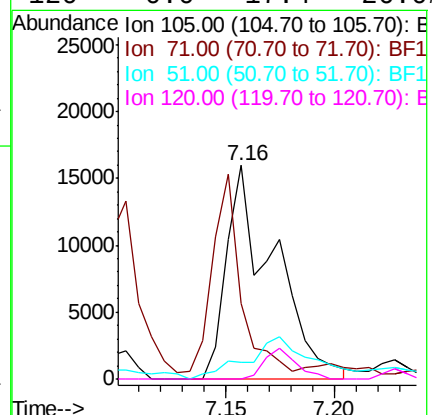
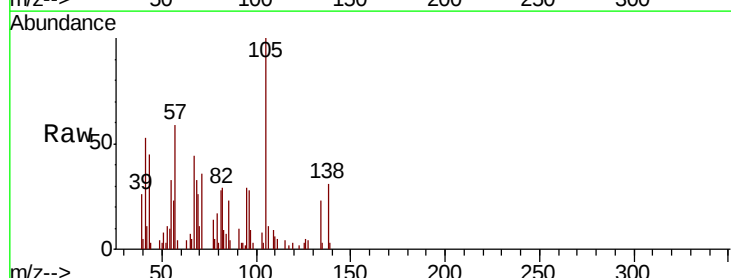
Manual Integrations
APPROVED

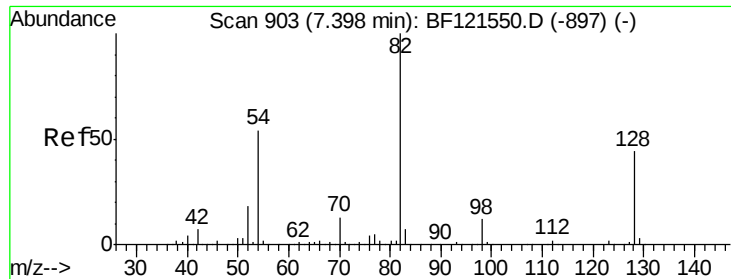
mohammad
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#22
Acetophenone
Concen: 2.264 ng m
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
105	100		
71	35.6	5.3	7.9#
51	7.6	33.2	49.8#
120	0.0	17.4	26.0#





#23

Nitrobenzene-d5

Concen: 1.995 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

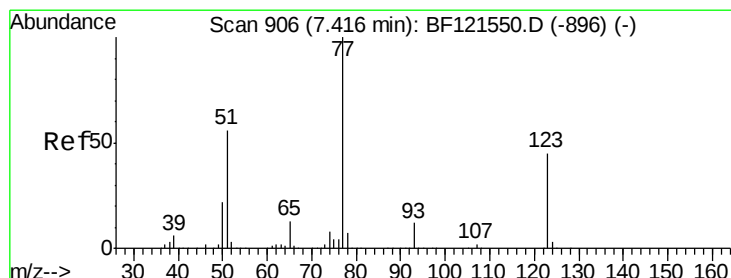
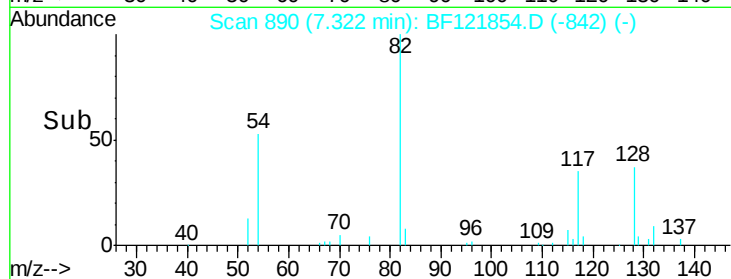
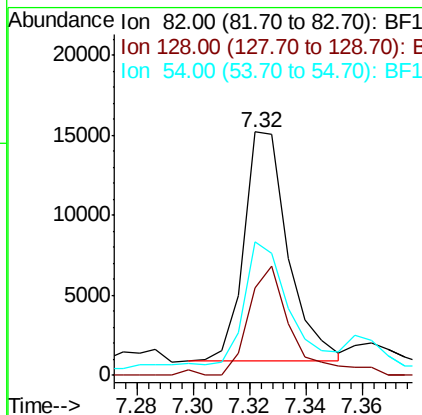
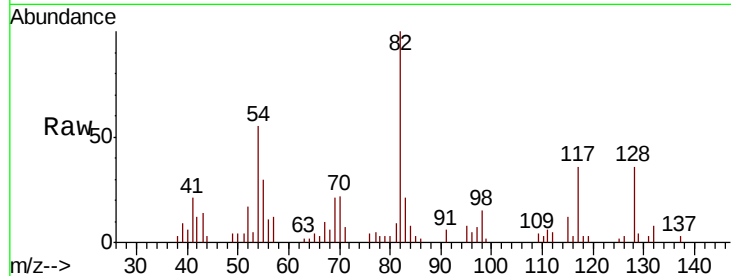
ClientSampleId :

B-18(0-1)MS

Tot Ion:	82	Resp:	15572
Ion Ratio	Lower	Upper	
82	100		
128	35.8	35.0	52.4
54	55.1	43.9	65.9

Manual Integrations
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#24

Nitrobenzene

Concen: 1.073 ng

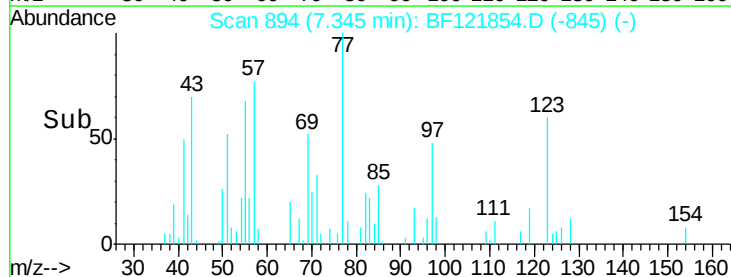
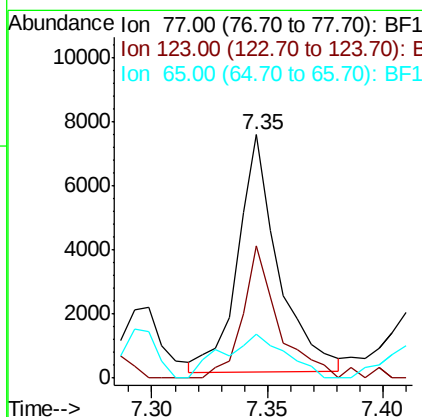
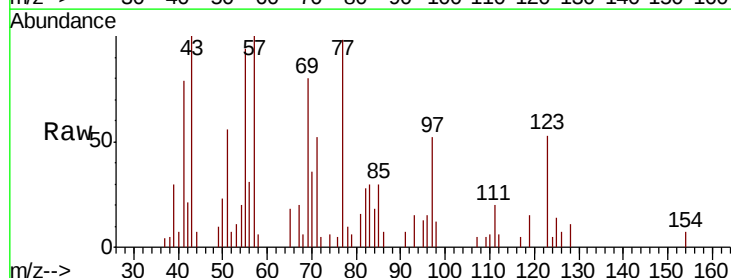
RT: 7.35 min Scan# 894

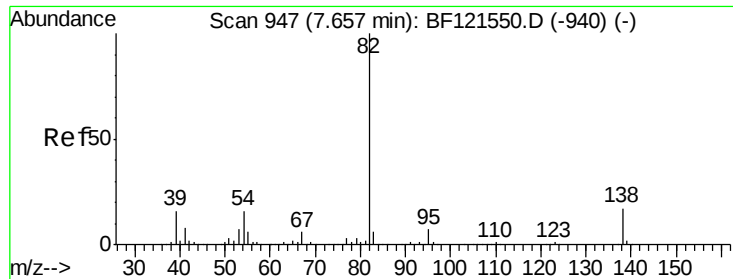
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion:	77	Resp:	9055
Ion Ratio	Lower	Upper	
77	100		
123	54.1	35.6	53.4#
65	18.1	11.2	16.8#





#25

Isophorone

Concen: 1.181 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

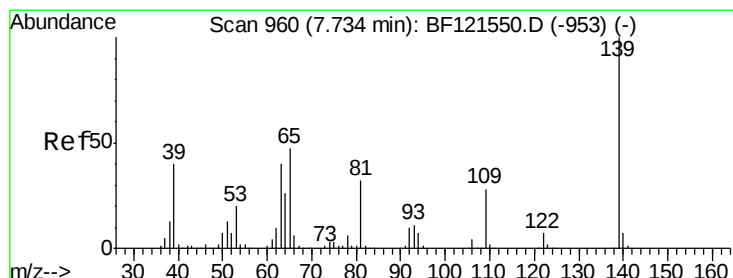
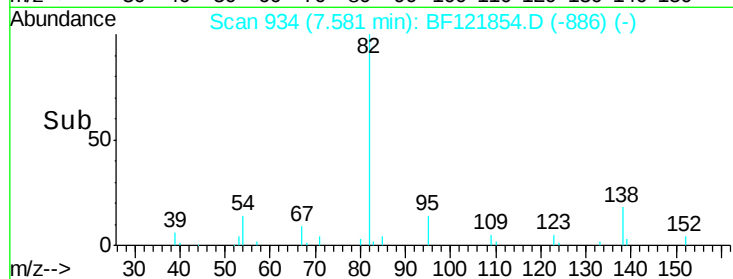
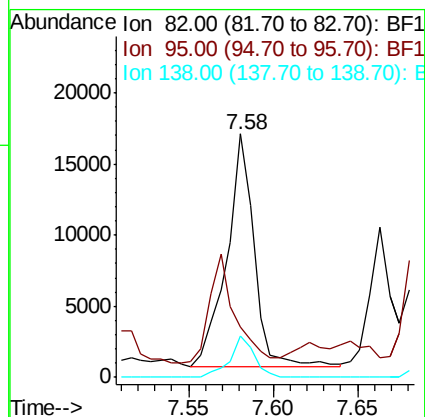
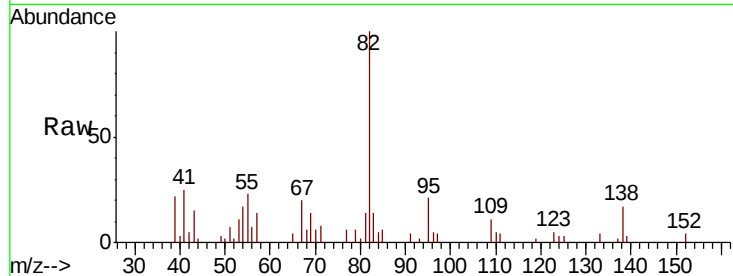
ClientSampleId :

B-18(0-1)MS

Tot Ion:	82	Resp:	18561
Ion Ratio	Lower	Upper	
82	100		
95	20.9	5.4	8.0#
138	17.2	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 3.544 ng m

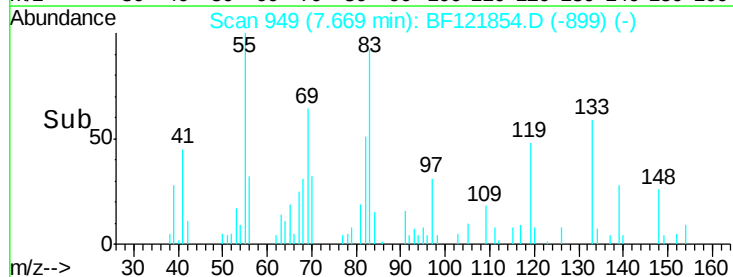
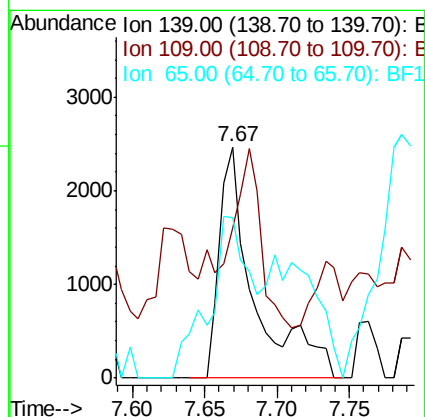
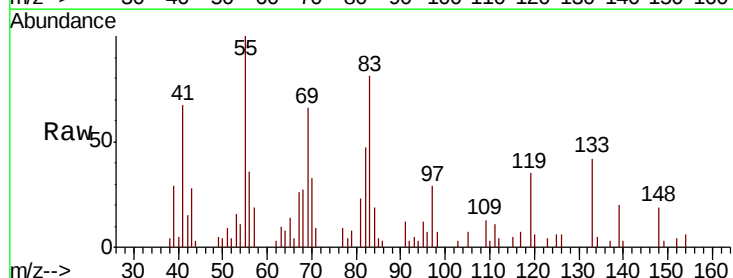
RT: 7.67 min Scan# 949

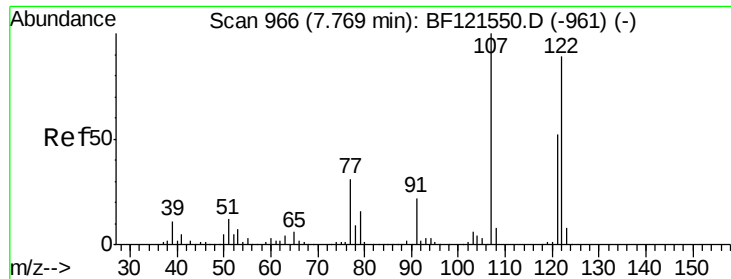
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion:	139	Resp:	4134
Ion Ratio	Lower	Upper	
139	100		
109	64.9	23.0	34.4#
65	69.4	39.9	59.9#





#27

2,4-Dimethylphenol

Concen: 0.987 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

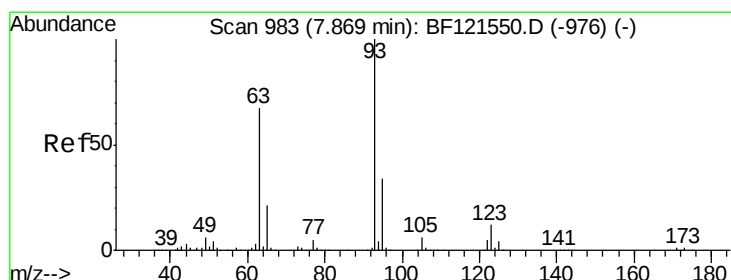
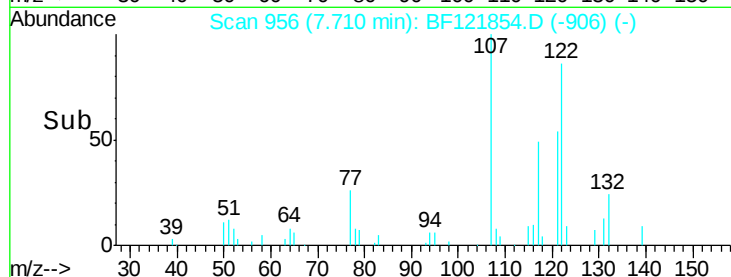
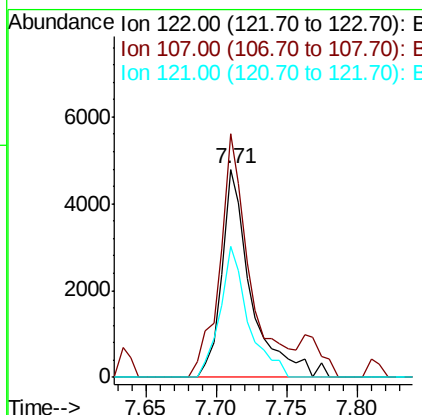
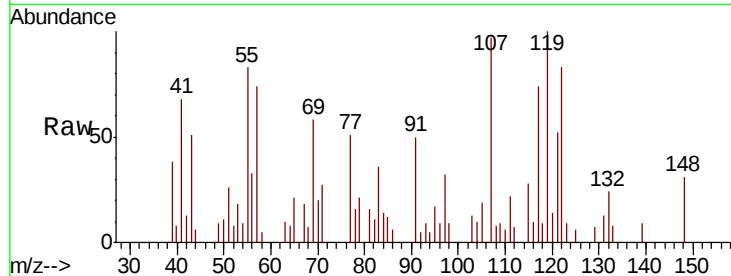
ClientSampleId :

B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	90.8	136.2
121	63.0	47.5	71.3

Manual Integrations
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mohammad
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#28

bis(2-Chloroethoxy)methane

Concen: 1.105 ng

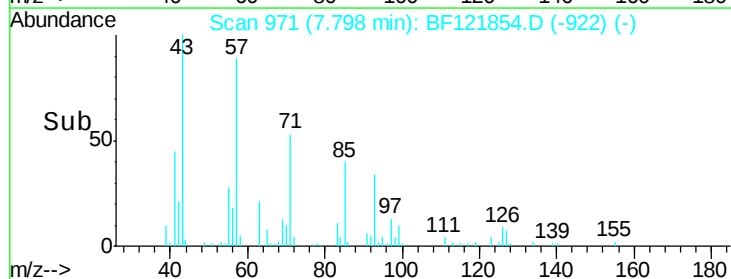
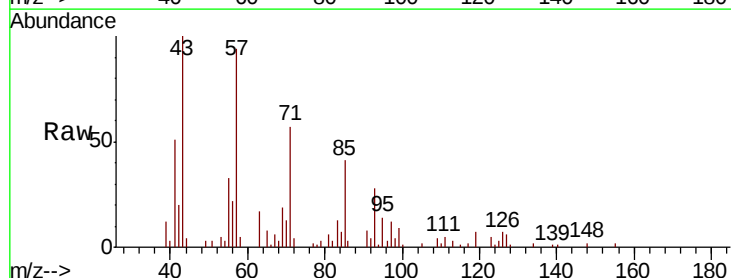
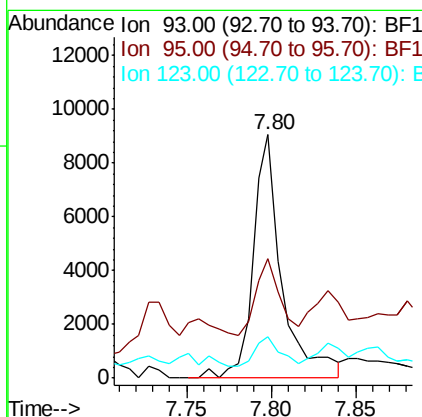
RT: 7.80 min Scan# 971

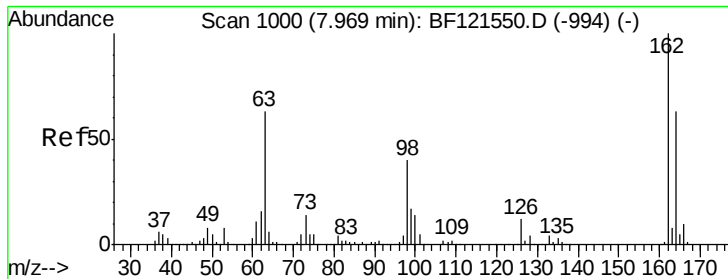
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	49.0	26.2	39.4#
123	16.9	8.8	13.2#





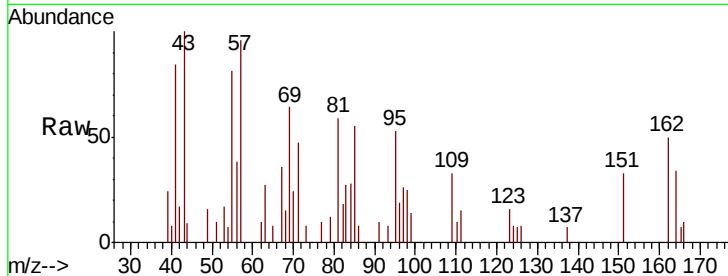
#29
2,4-Dichlorophenol
Concen: 0.786 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	42.5	82.5
98	49.3	20.1	60.1

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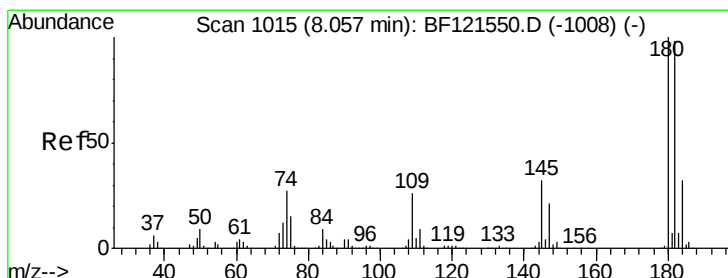
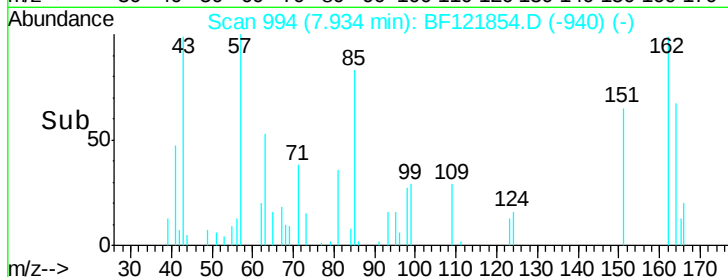
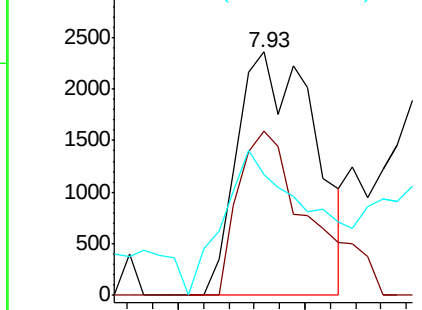


Abundance

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: 1.017 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

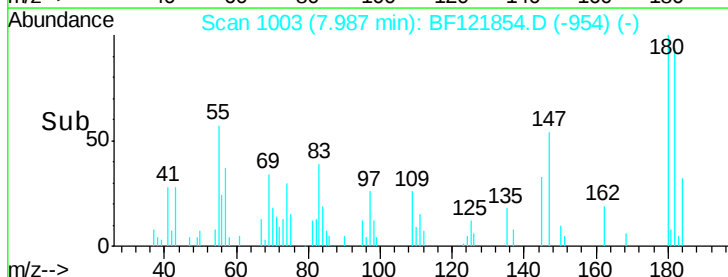
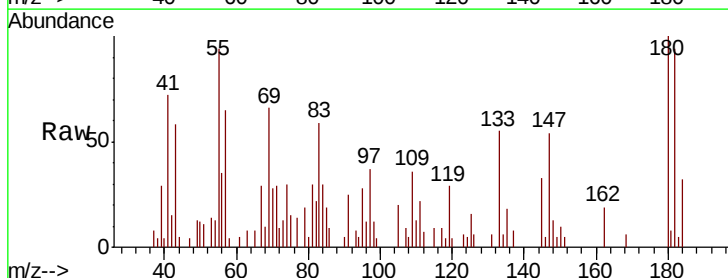
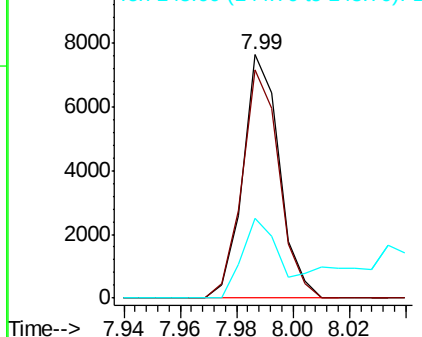
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.4	119.2
145	32.9	25.5	38.3

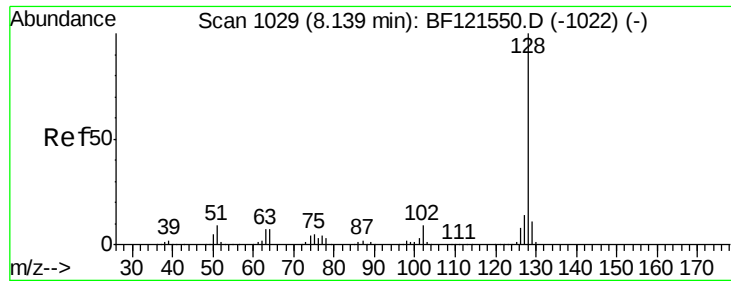
Abundance

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





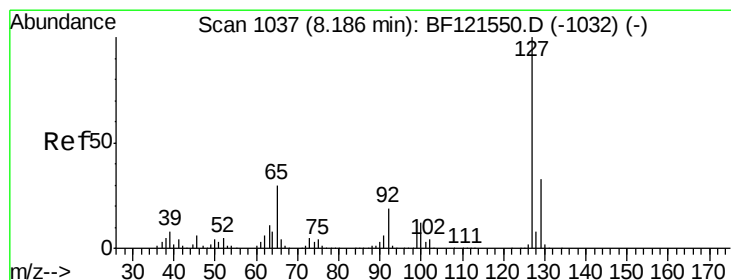
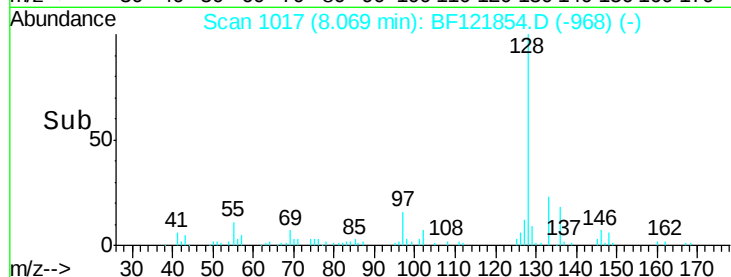
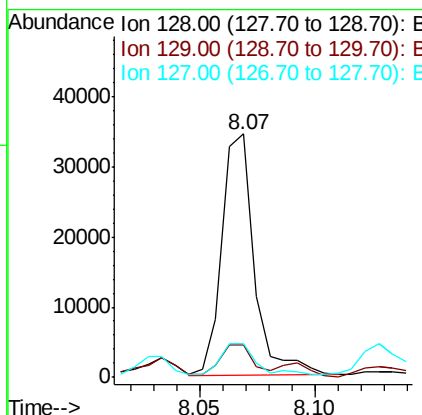
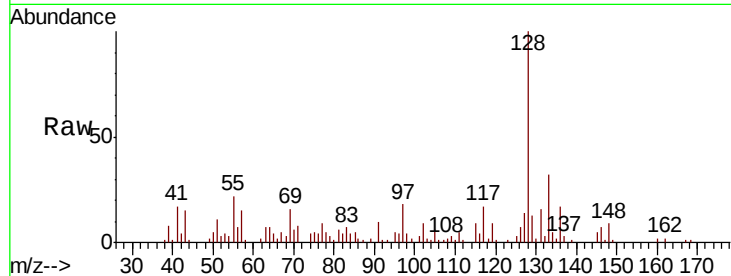
#31
Naphthalene
Concen: 1.516 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.7	13.1#
127	14.0	10.8	16.2

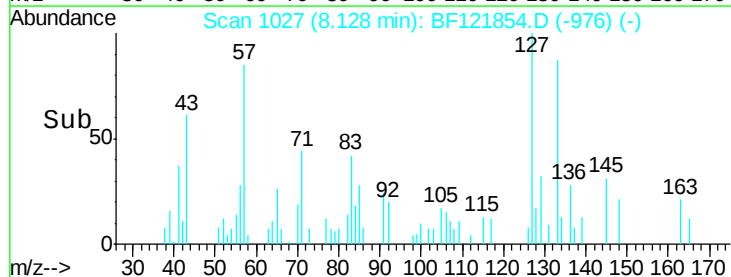
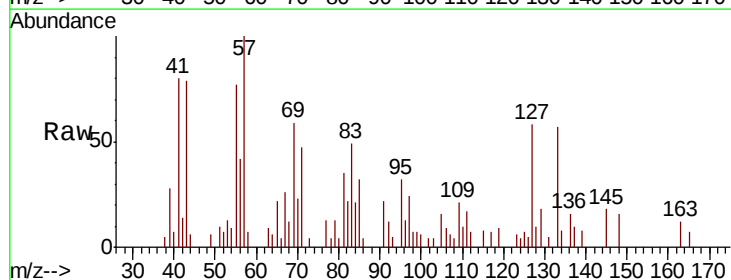
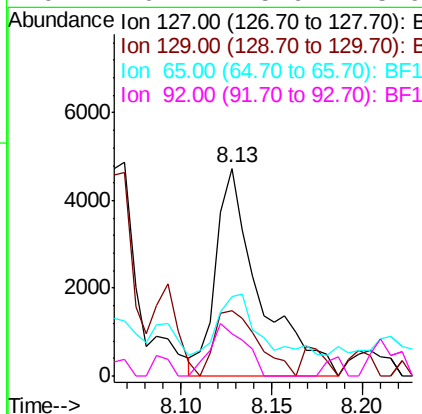
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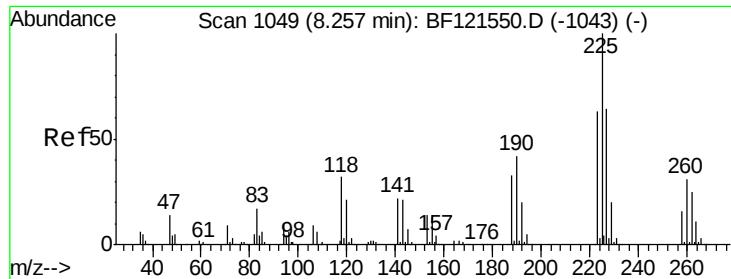
mohammad
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#33
4-Chloroaniline
Concen: 0.827 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	38.4	26.2	39.2
92	20.2	15.9	23.9





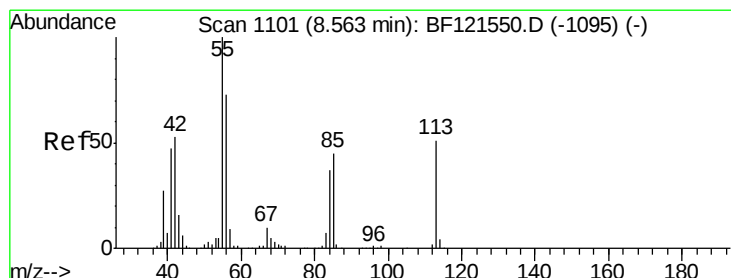
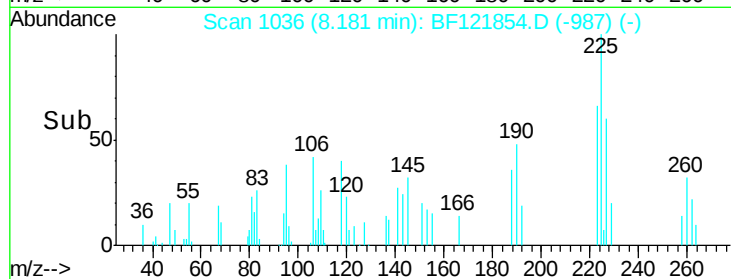
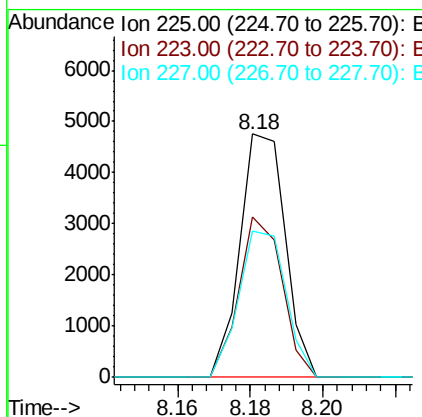
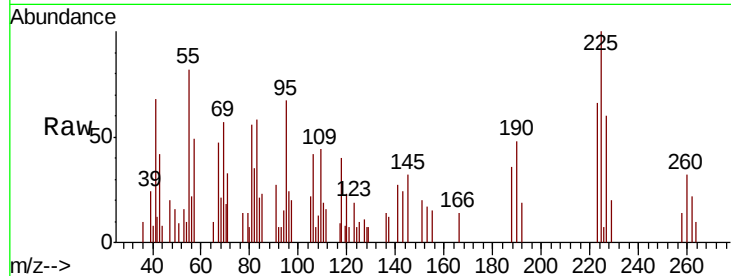
#34
Hexachlorobutadiene
Concen: 1.042 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.7	51.1	76.7
227	60.0	51.0	76.6

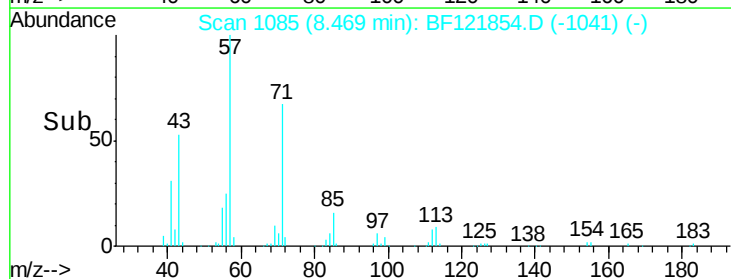
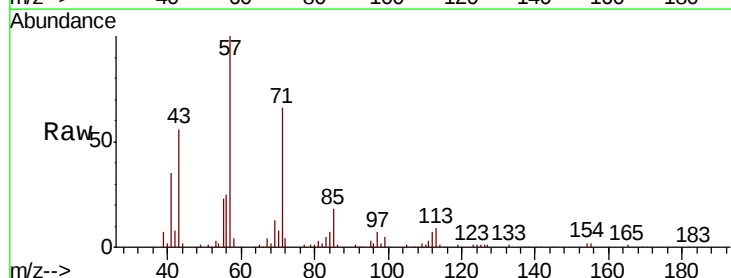
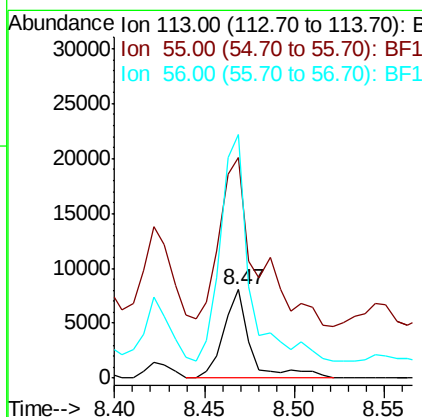
Manual Integrations
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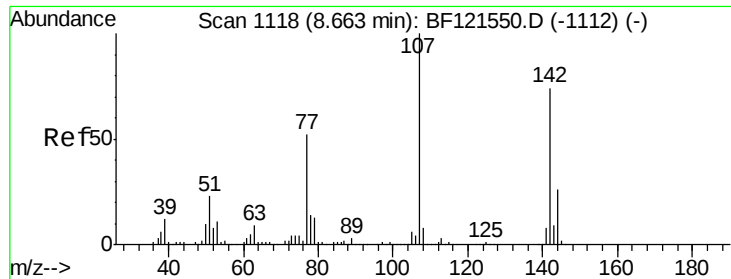
mohammad
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#35
Caprolactam
Concen: 3.975 ng m
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
55	249.7	167.5	207.5#
56	275.3	121.2	161.2#





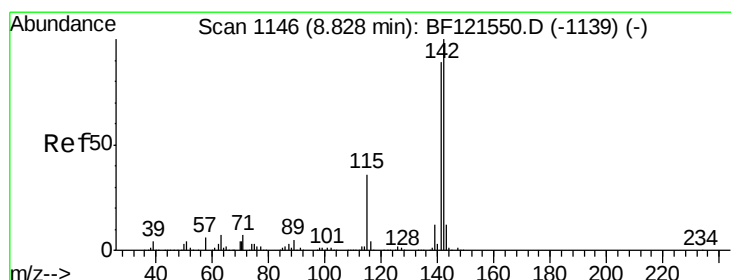
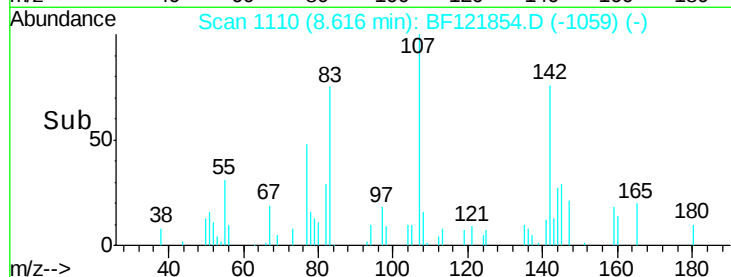
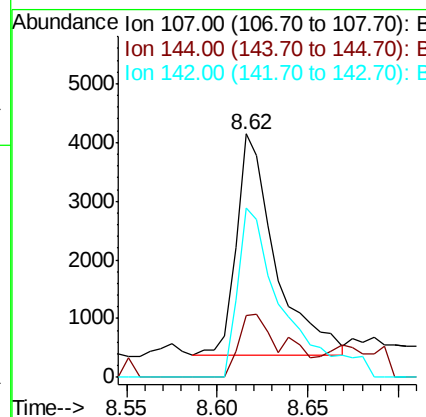
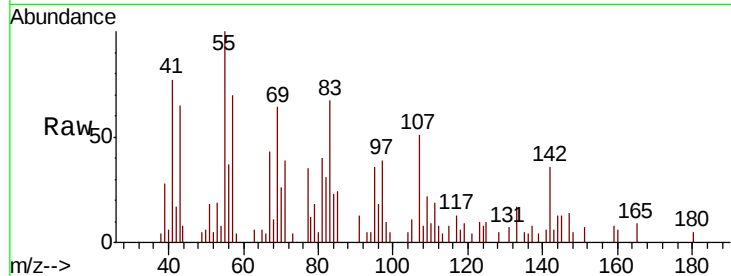
#36
4-Chloro-3-methylphenol
Concen: 0.814 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.1	30.1
142	69.5	59.3	88.9

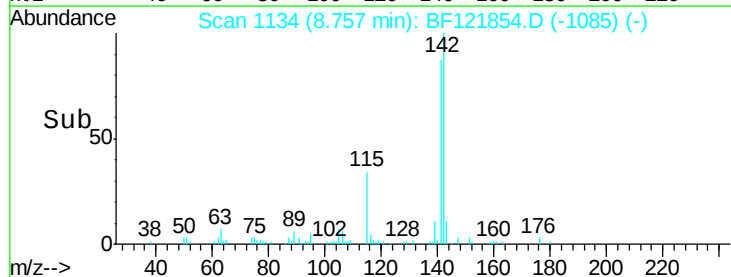
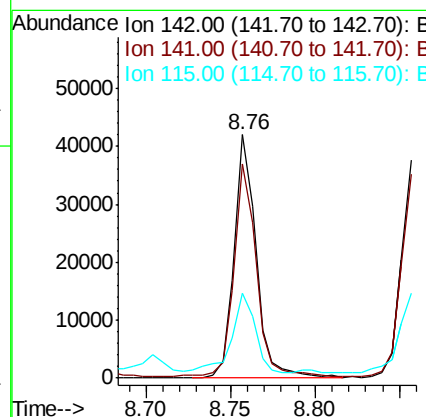
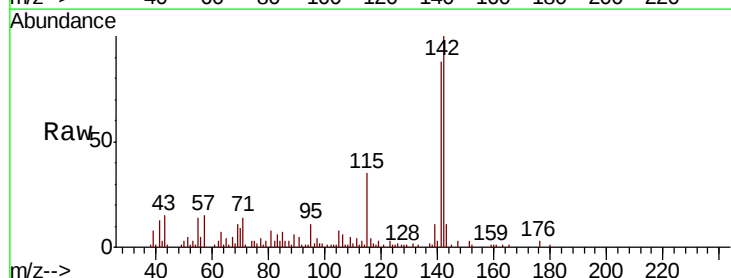
Manual Integrations
APPROVED

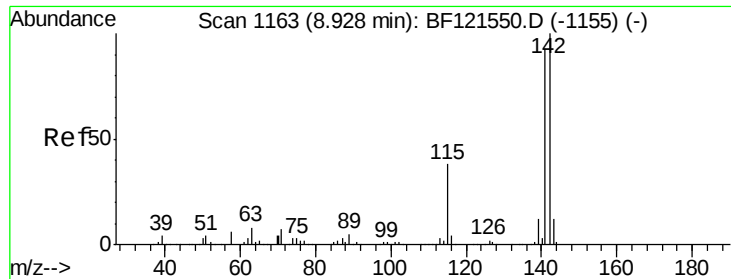
mohammad
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#37
2-Methylnaphthalene
Concen: 2.630 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	35.1	28.6	43.0





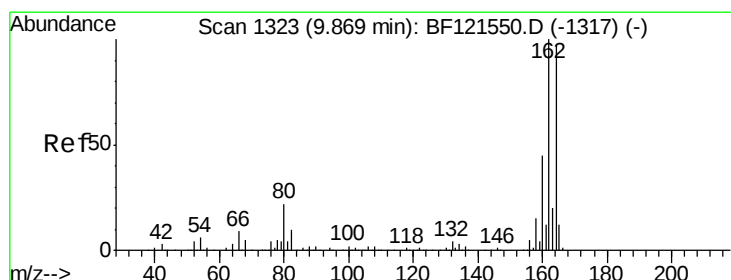
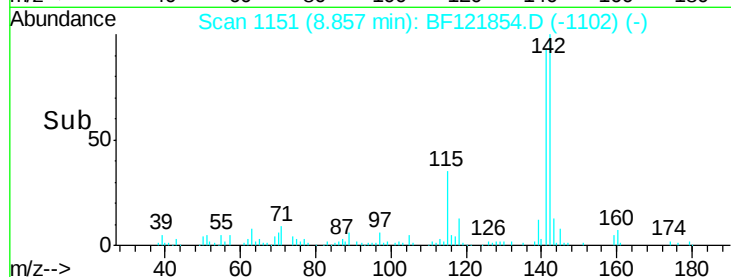
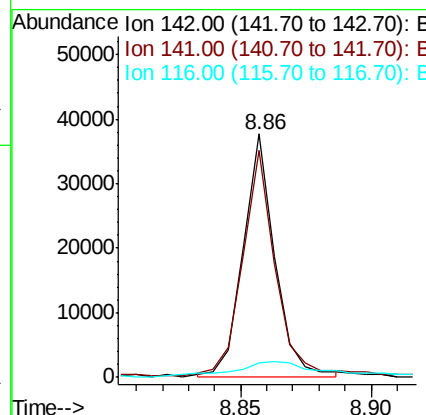
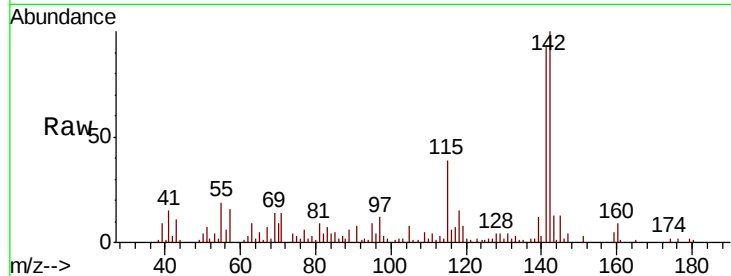
#38
1-Methylnaphthalene
Concen: 2.370 ng m
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.5	111.7
116	6.0	3.2	4.8#

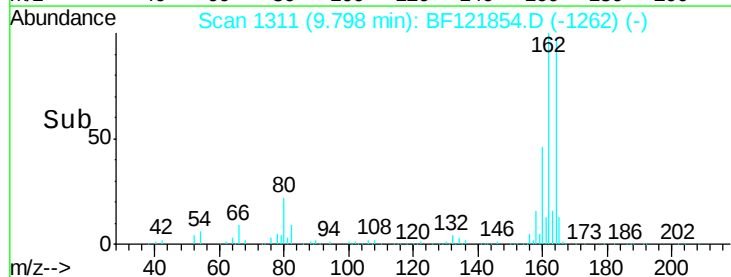
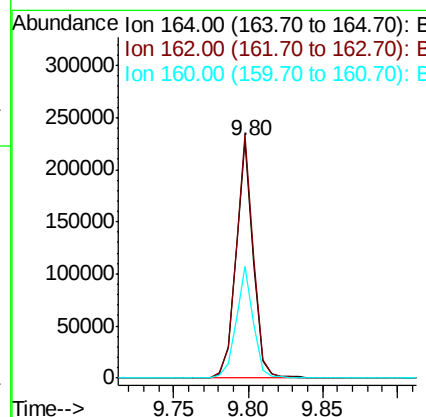
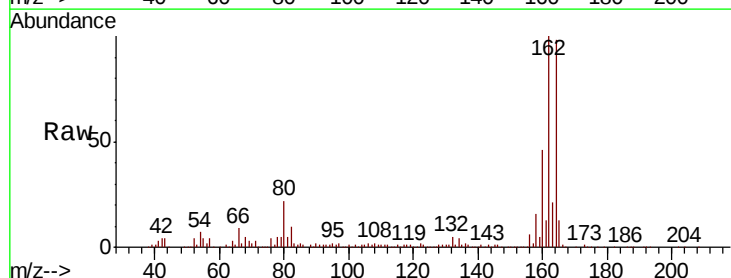
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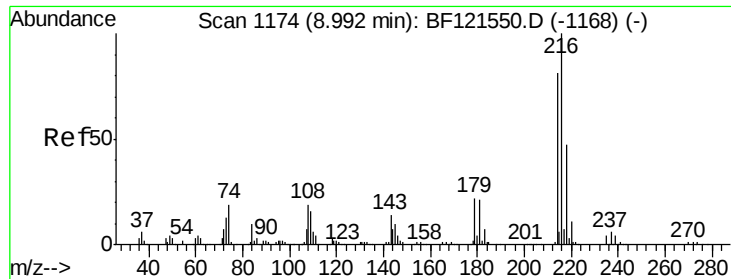
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	47.0	37.5	56.3





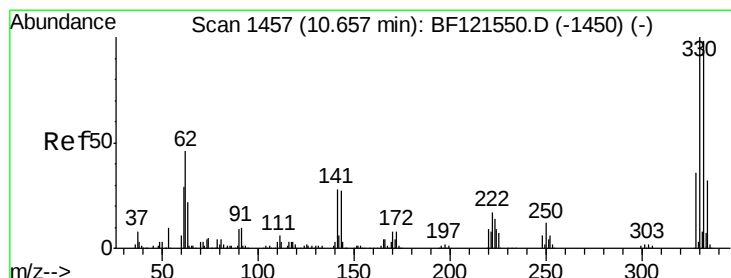
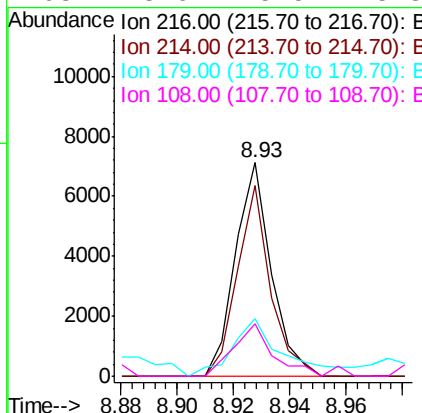
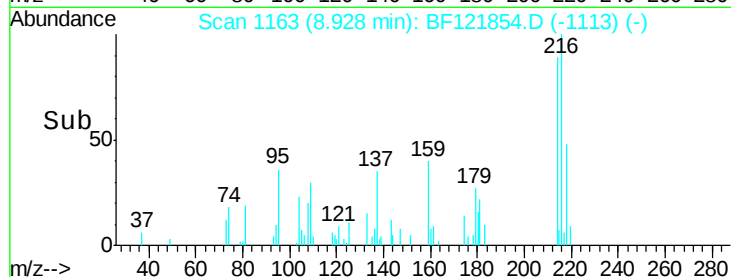
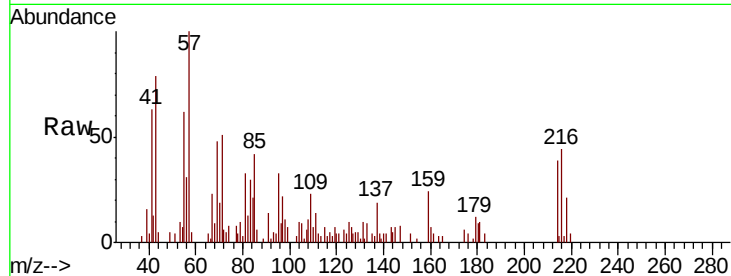
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.074 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	83.0	63.4	95.2
179	38.9	17.0	25.6
108	28.6	15.5	23.3

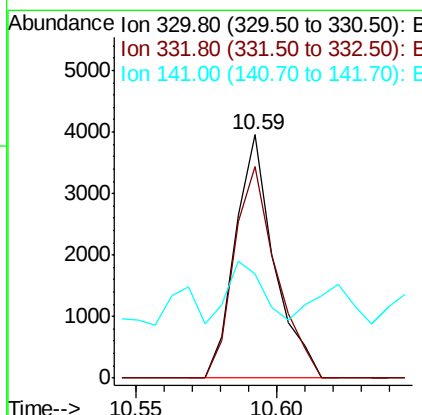
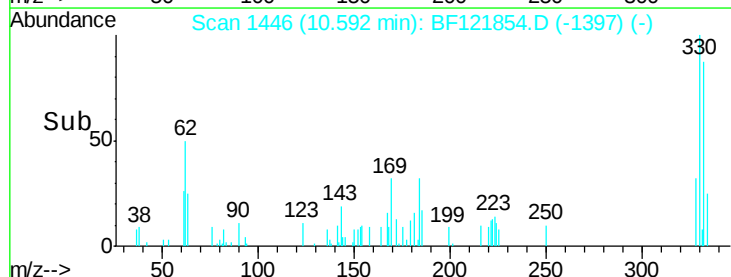
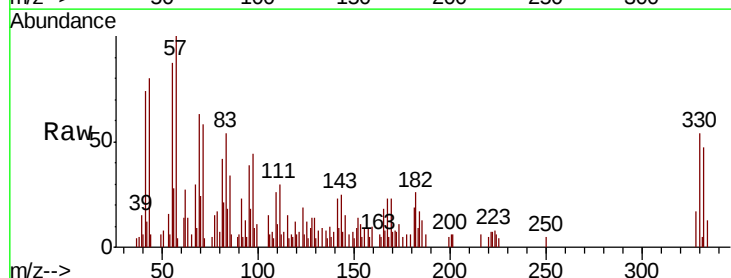
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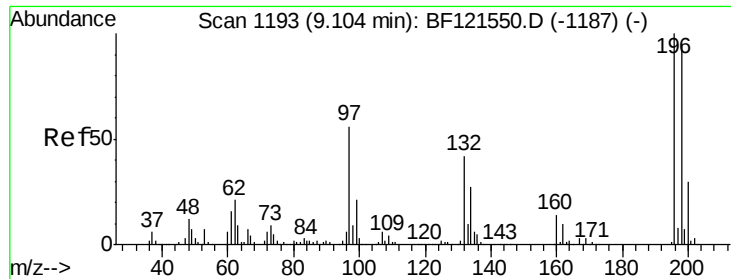
mohammad
 10/7/2020 10:40:53 AM



#42
 2,4,6-Tribromophenol
 Concen: 1.626 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	22.6	22.3	33.5





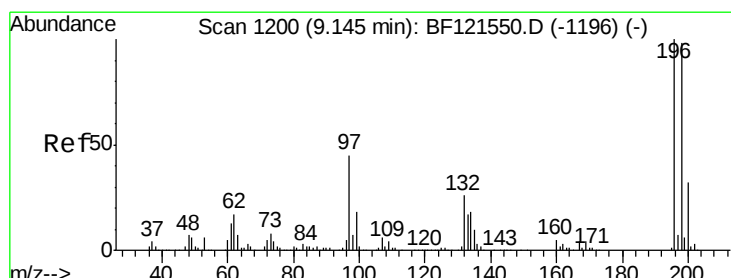
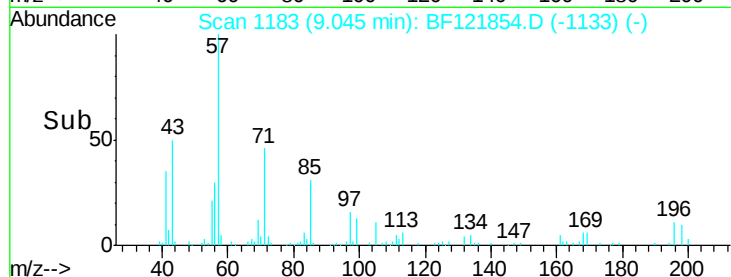
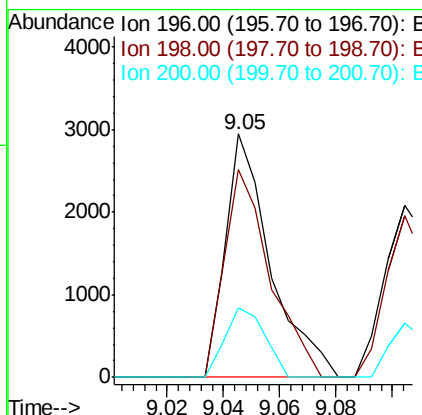
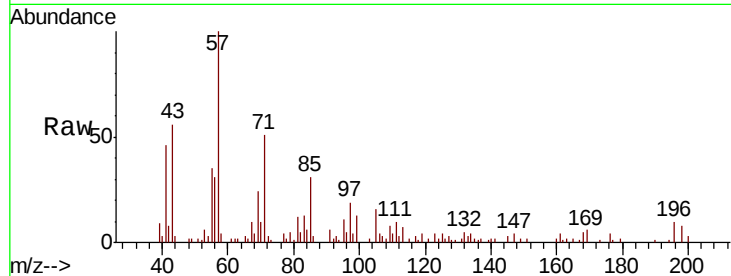
#43
2,4,6-Trichlorophenol
Concen: 0.819 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	85.2	75.8	113.6
200	28.4	24.6	36.8

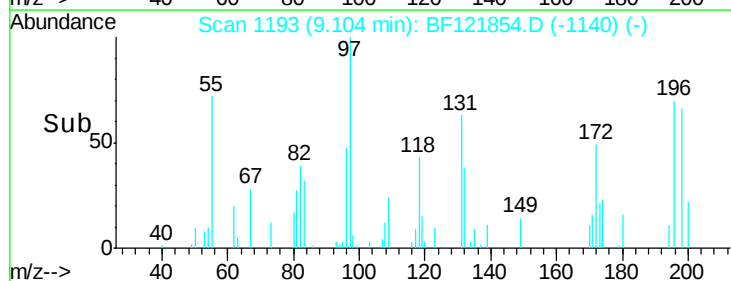
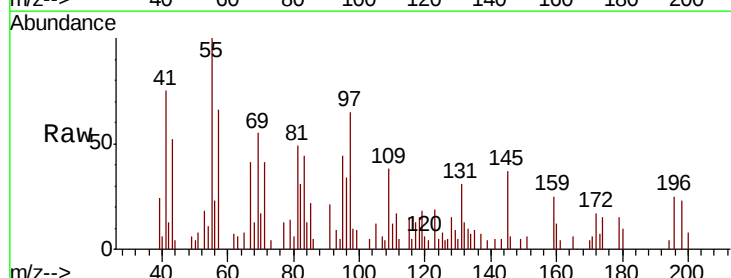
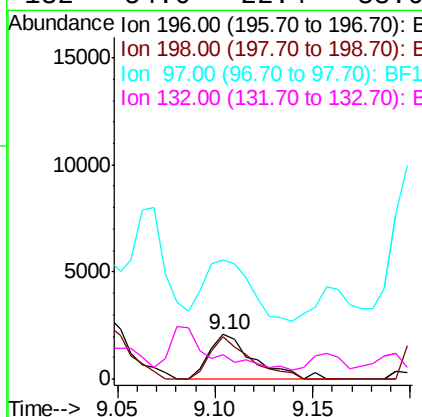
Manual Integrations
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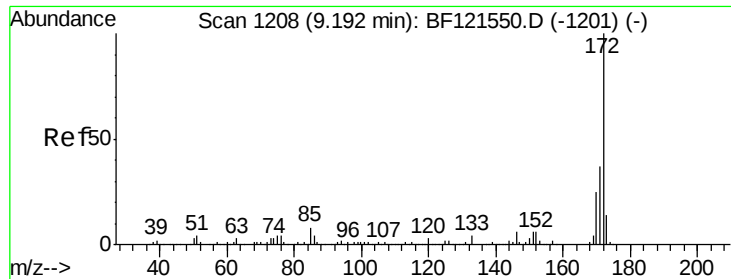
mohammad
10/7/2020 10:40:53 AM



#44
2,4,5-Trichlorophenol
Concen: 0.790 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.1	114.1
97	265.7	41.0	61.6#
132	54.6	22.4	33.6#





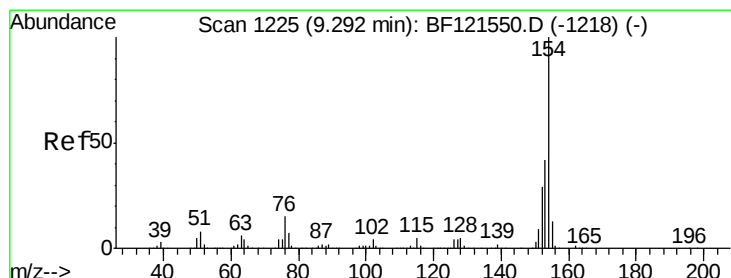
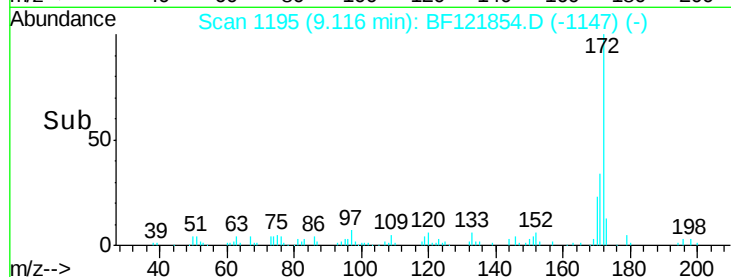
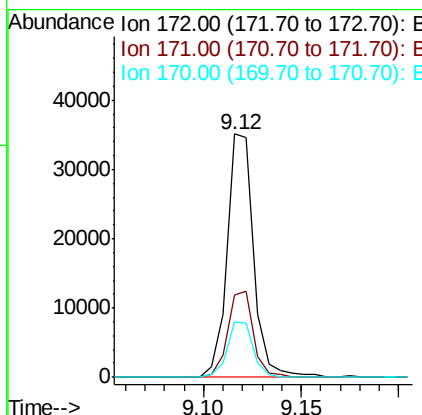
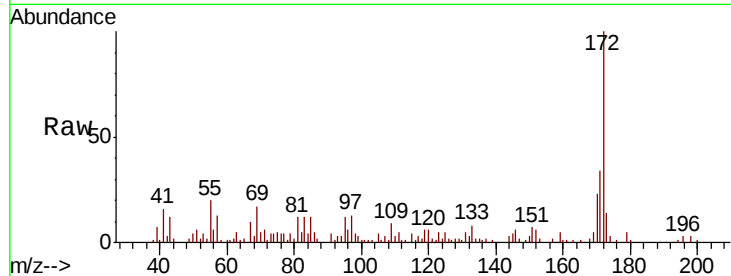
#45
2-Fluorobiphenyl
Concen: 2.680 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.1	43.7
170	22.7	19.8	29.6

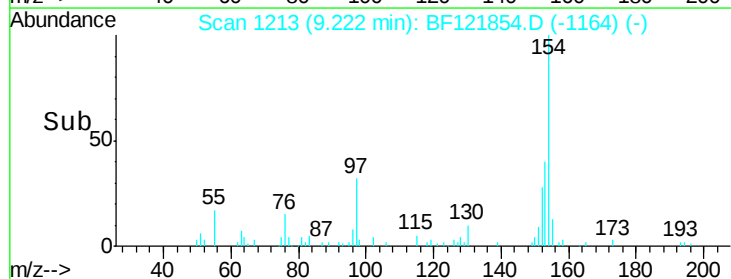
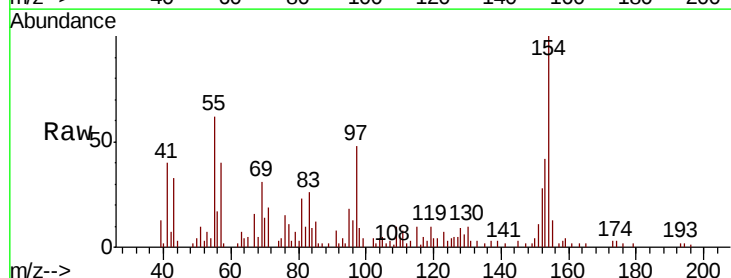
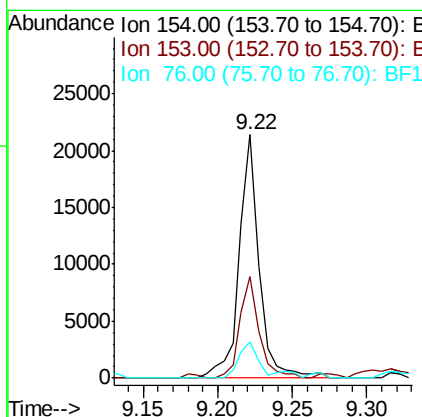
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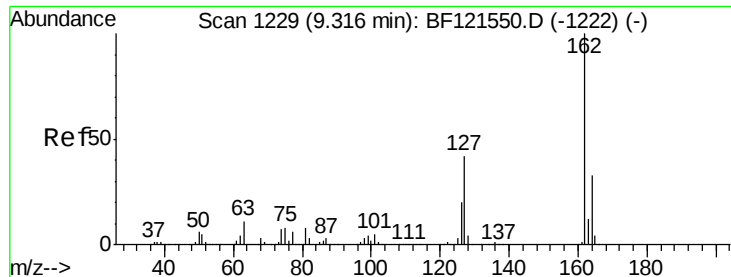
mohammad
10/7/2020 10:40:53 AM



#46
1,1'-Biphenyl
Concen: 1.341 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	14.7	0.0	34.7





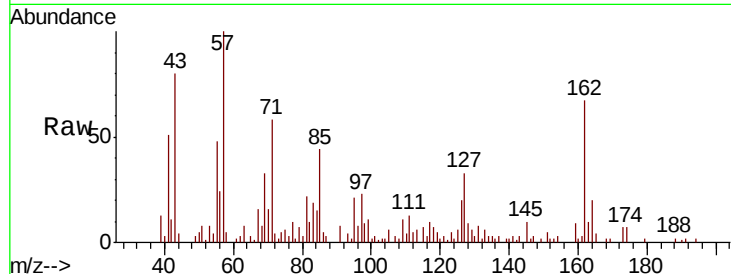
#47
 2-Chloronaphthalene
 Concen: 1.121 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

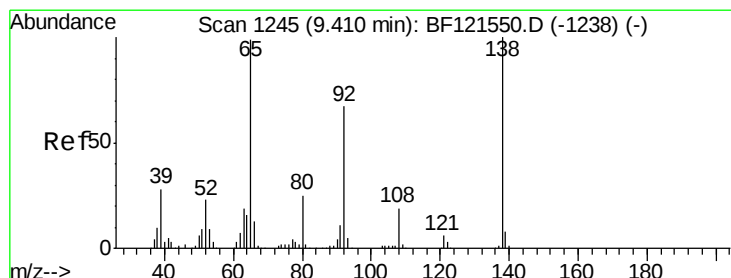
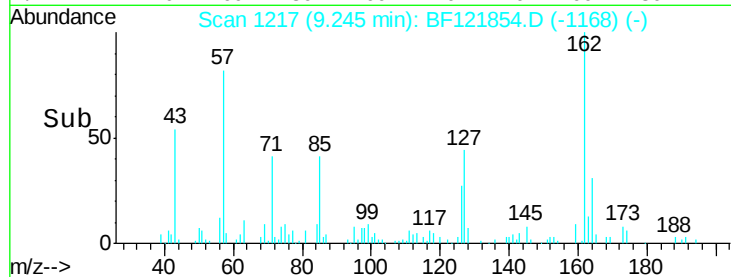
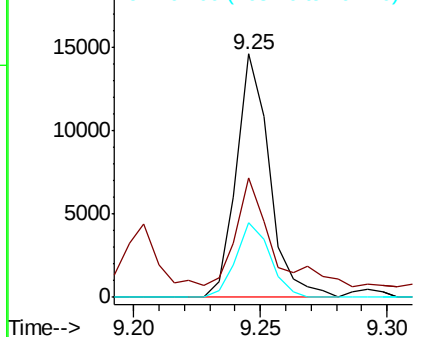
Tot Ion	Ratio	Lower	Upper
162	100		
127	49.0	34.4	51.6
164	30.5	26.3	39.5

Manual Integrations
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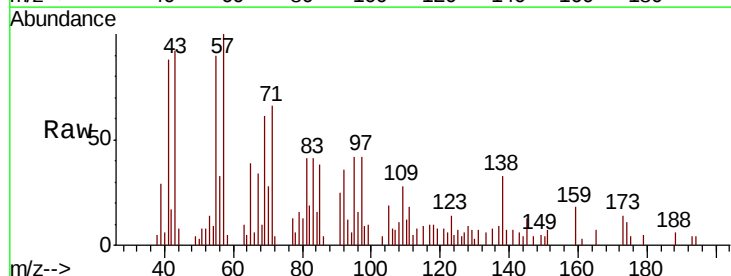


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

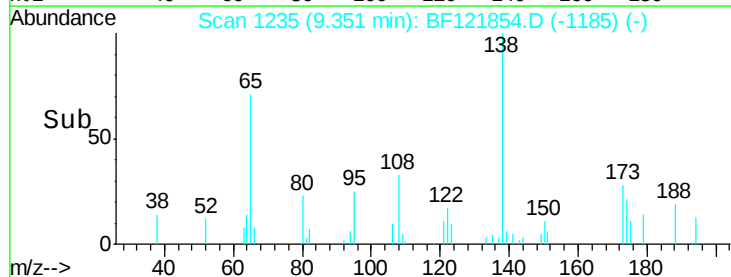
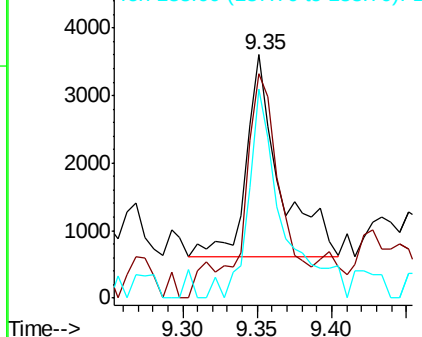


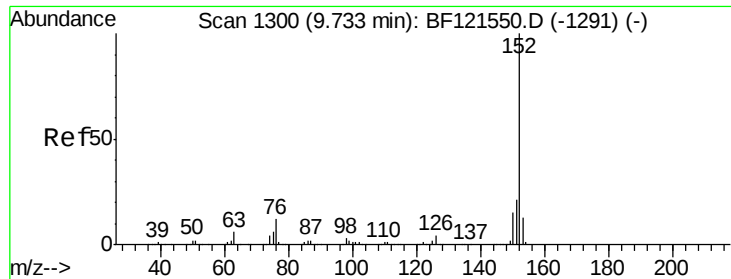
#48
 2-Nitroaniline
 Concen: 1.273 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	91.9	55.1	82.7#
138	85.8	80.5	120.7



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





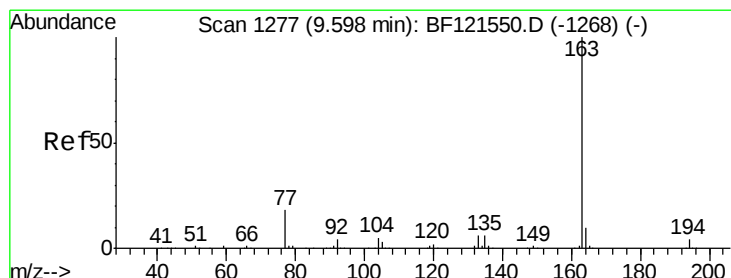
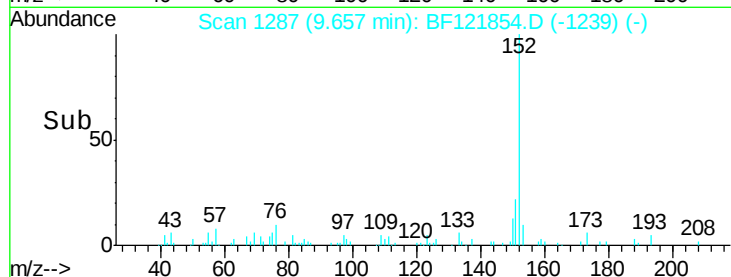
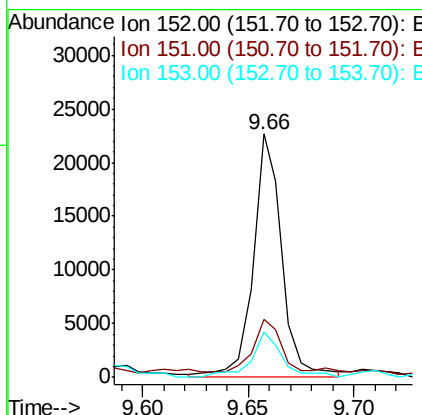
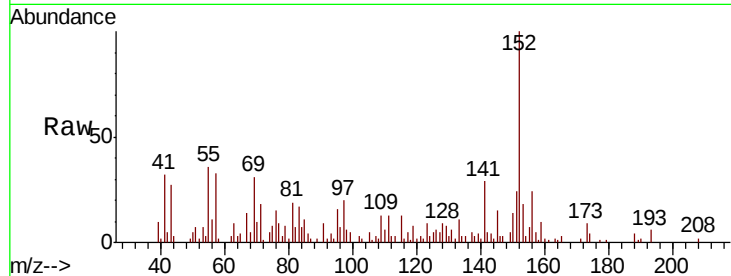
#49
Acenaphthylene
Concen: 1.163 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.4	24.6
153	18.4	10.6	15.8

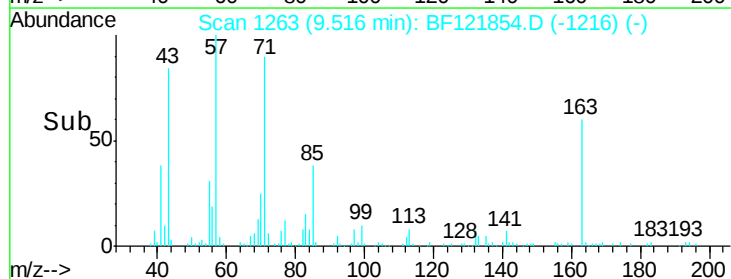
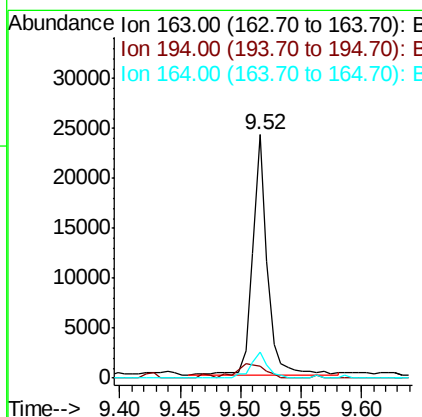
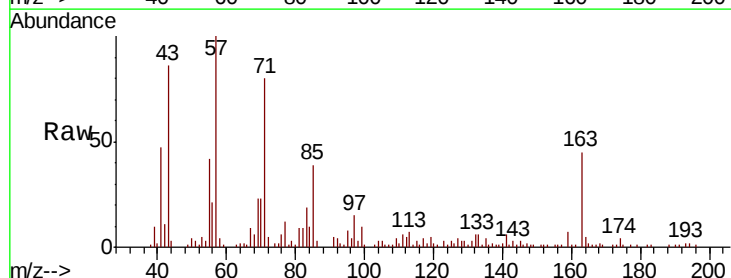
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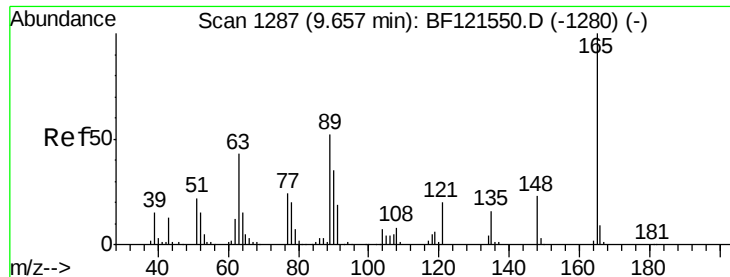
mohammad
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#50
Dimethylphthalate
Concen: 1.496 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9
164	10.7	8.2	12.4





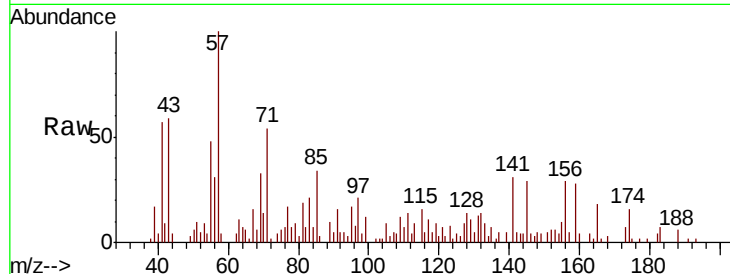
#51
2,6-Dinitrotoluene
Concen: 0.921 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

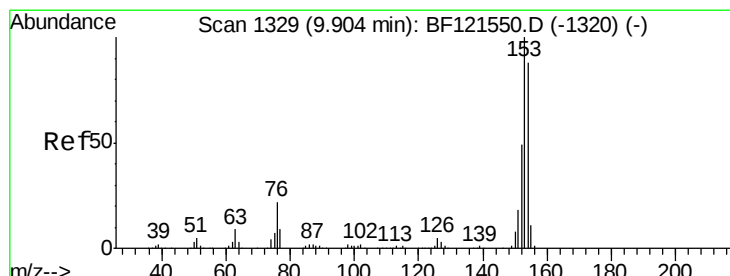
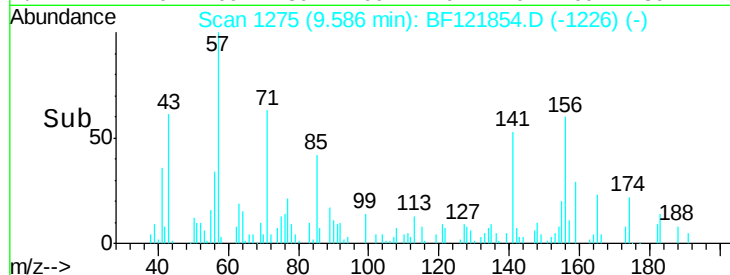
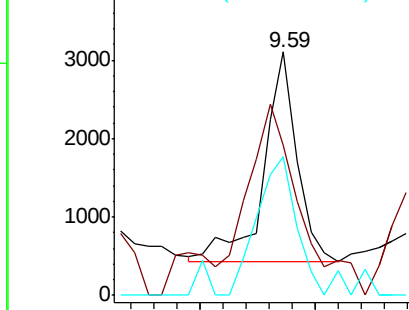
Tot Ion	Ratio	Resp	Lower	Upper
165	100	2663		
63	61.7		51.8	77.6
89	56.7		49.0	73.6

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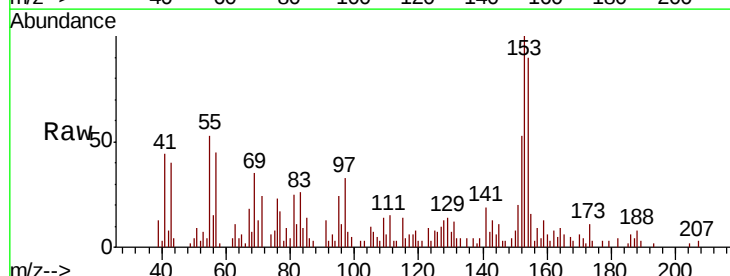


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

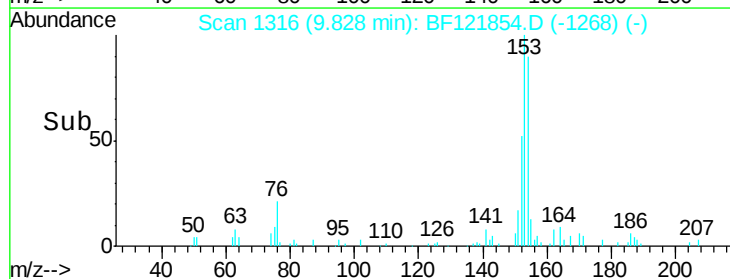
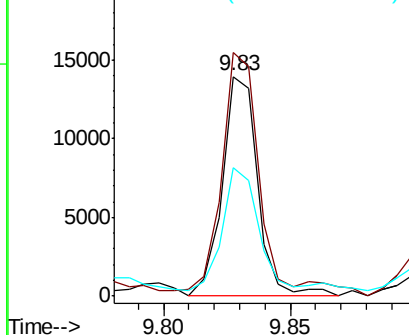


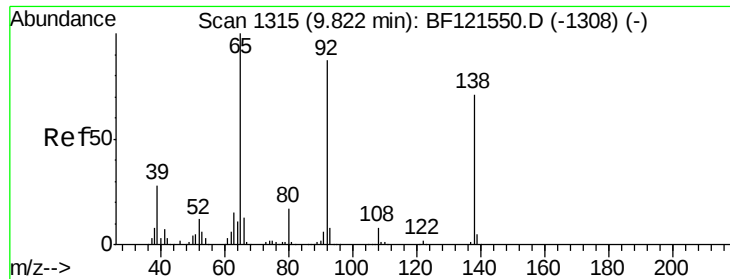
#52
Acenaphthene
Concen: 1.185 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	13588		
153	111.0		89.8	134.8
152	58.6		43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





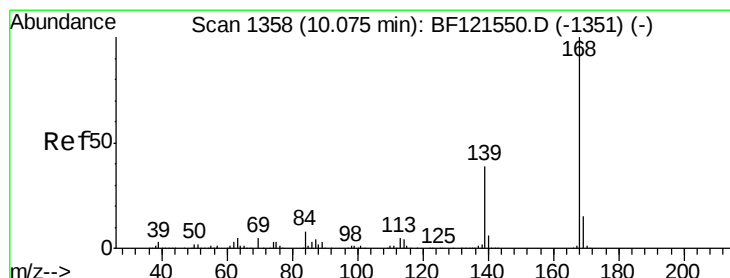
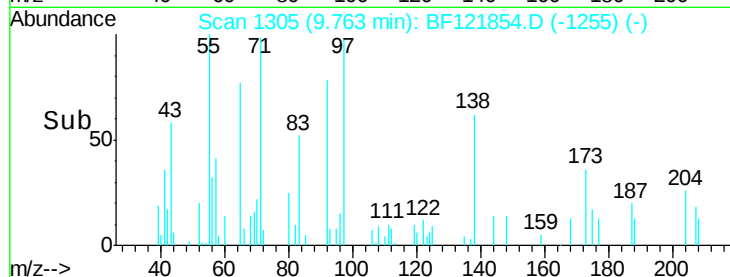
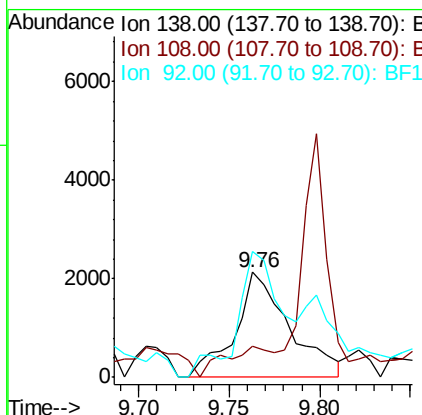
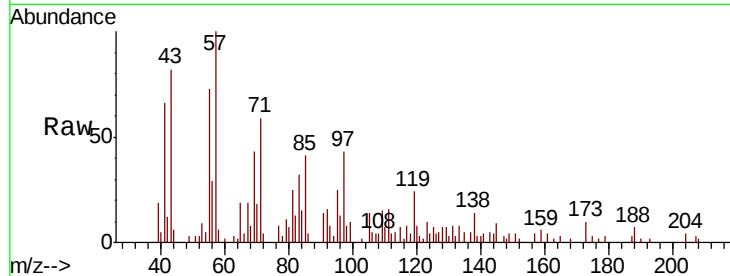
#53
3-Nitroaniline
Concen: 1.340 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	29.1	8.6	13.0#
92	119.6	96.6	144.8

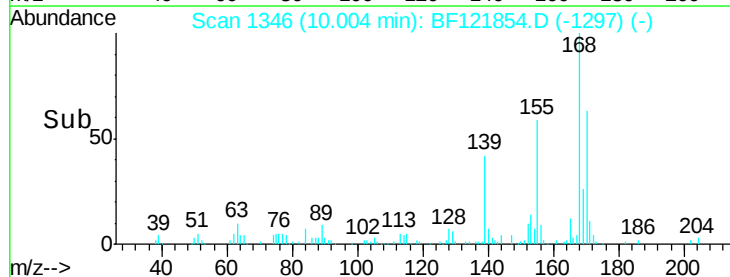
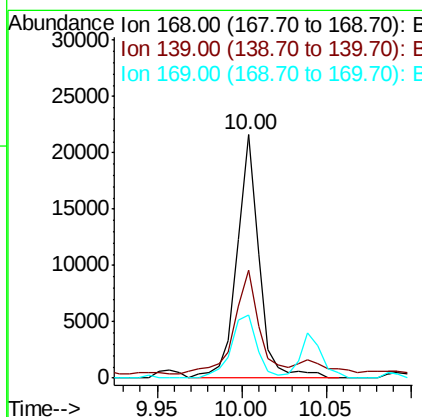
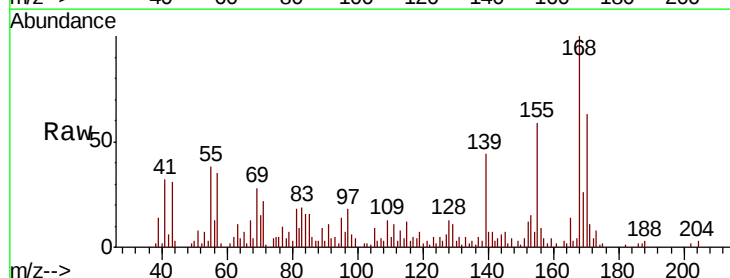
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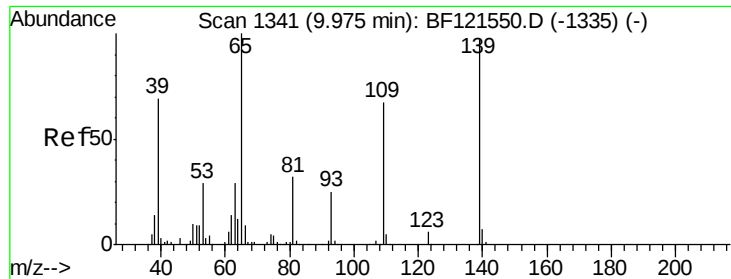
mohammad
10/7/2020 10:40:53 AM



#55
Dibenzofuran
Concen: 1.215 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.2	31.0	46.6
169	25.7	11.3	16.9#





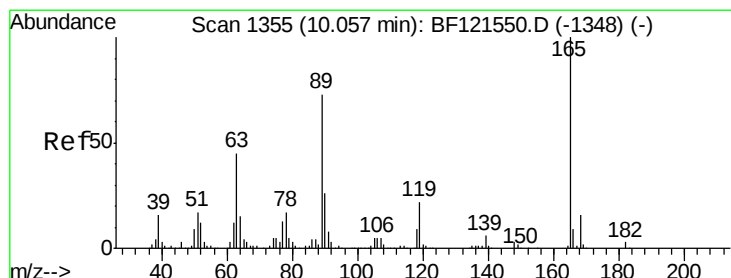
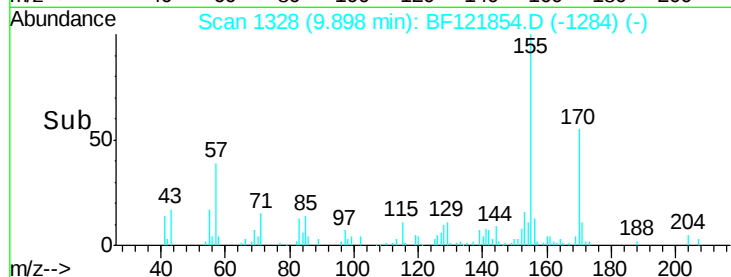
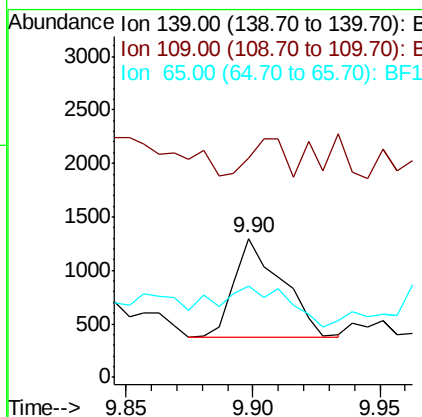
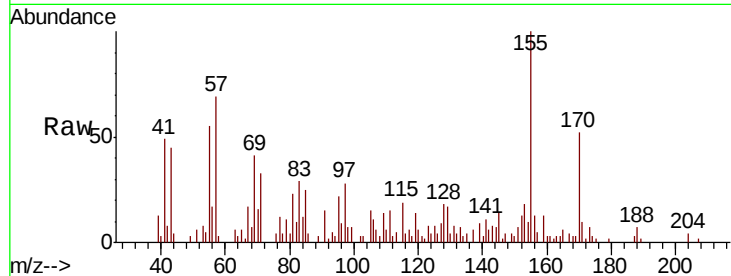
#56
4-Nitrophenol
Concen: 0.446 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	158.0	45.4	85.4#
65	65.8	68.4	108.4#

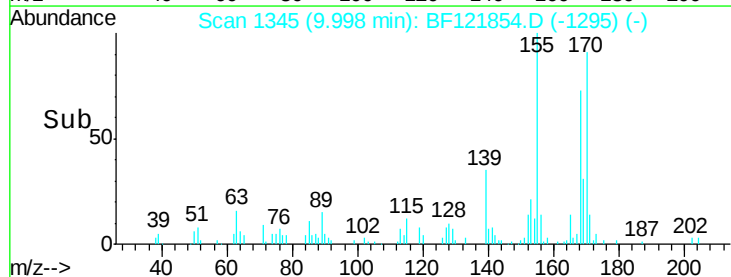
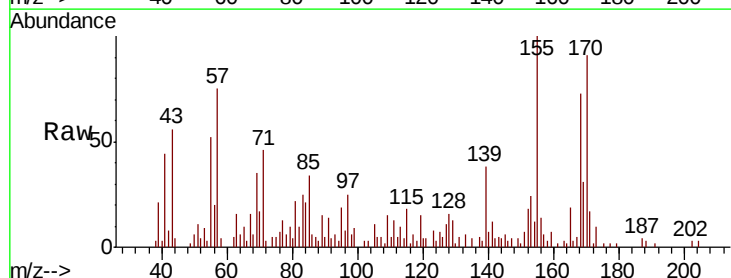
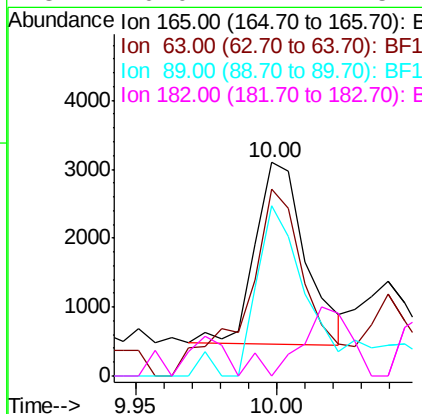
Manual Integrations
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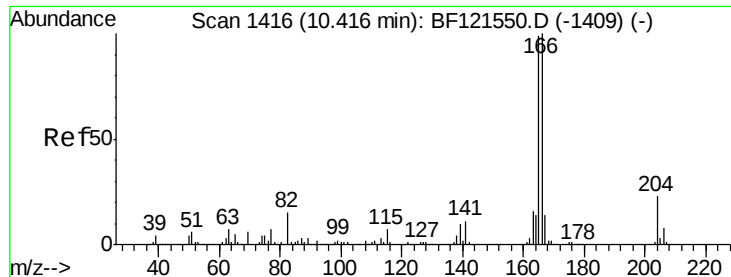
mohammad
10/7/2020 10:40:53 AM



#57
2,4-Dinitrotoluene
Concen: 0.900 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	87.4	41.3	61.9#
89	79.8	61.8	92.8
182	0.0	2.1	3.1#





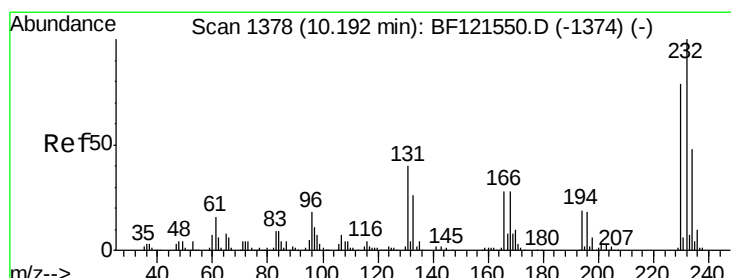
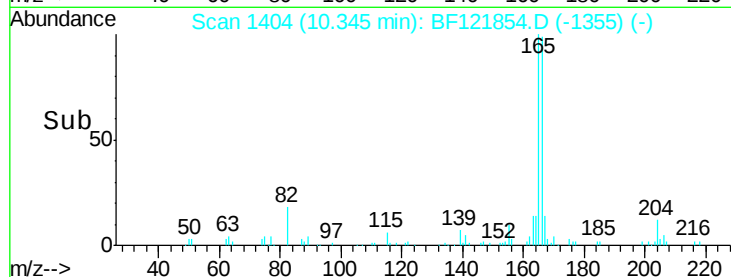
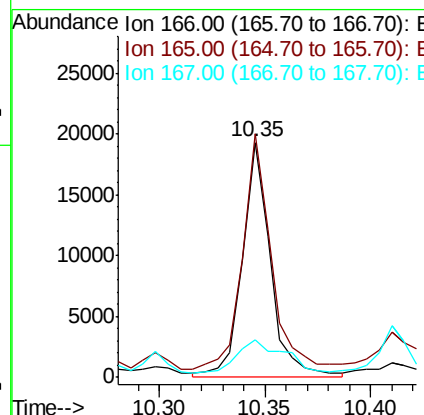
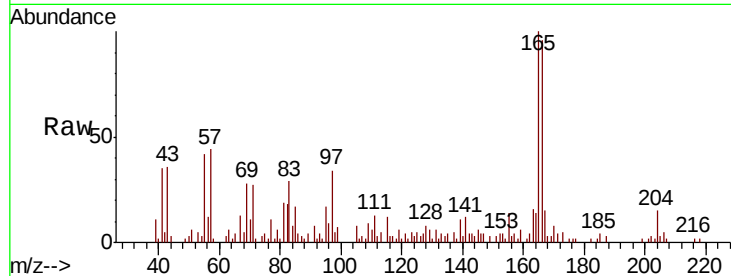
#58
Fluorene
Concen: 1.447 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampled :
B-18(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	103.8	79.1	118.7		
167	15.9	11.0	16.6		

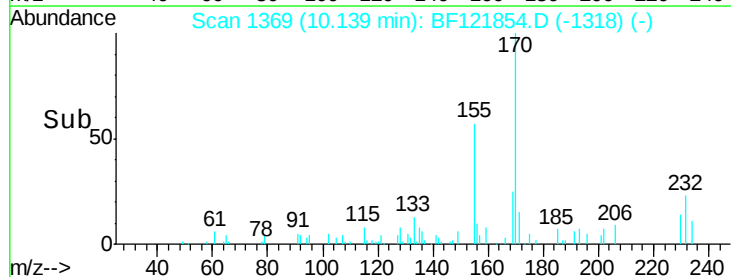
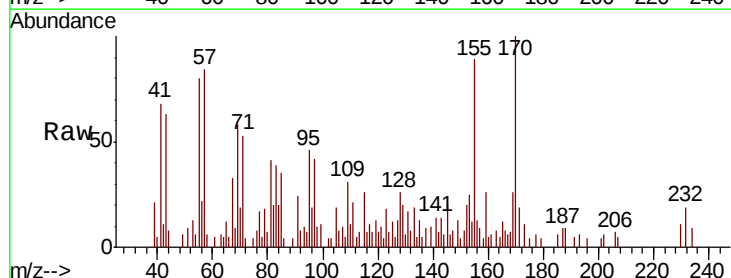
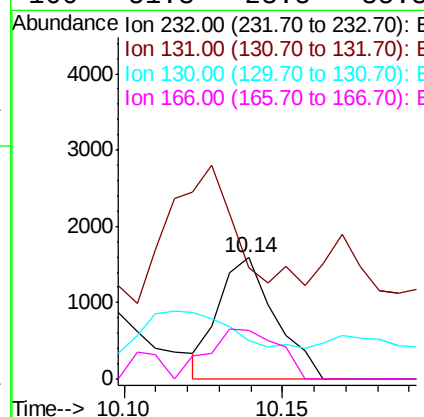
Manual Integrations
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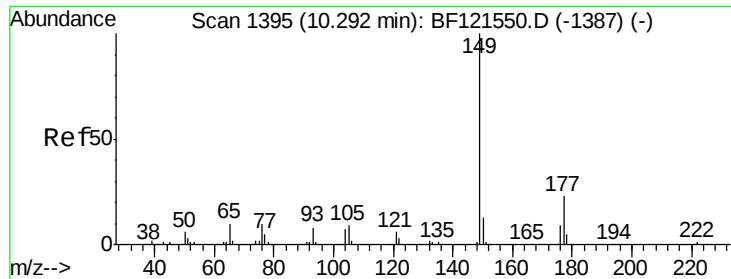
mohammad
10/7/2020 10:40:53 AM



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.575 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	131.4	35.9	53.9#		
130	0.0	1.8	2.6#		
166	51.3	23.5	35.3#		





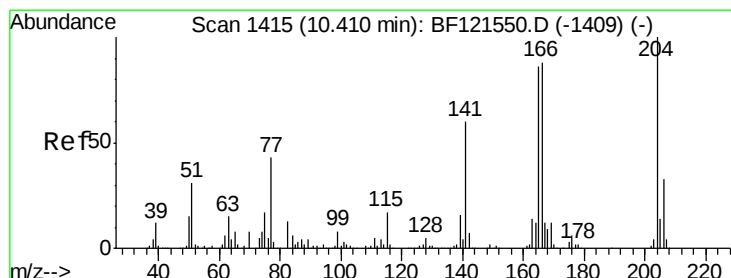
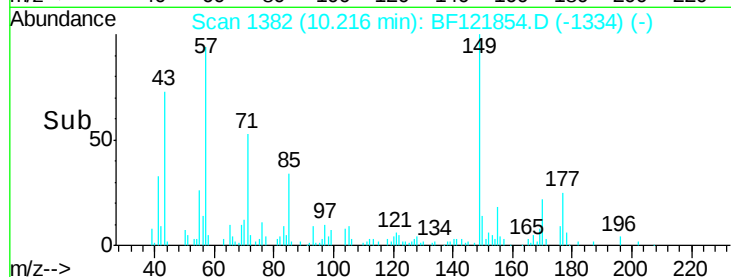
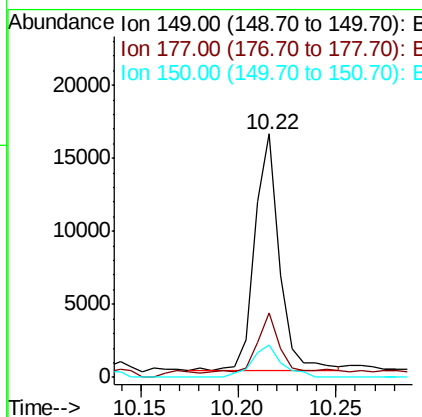
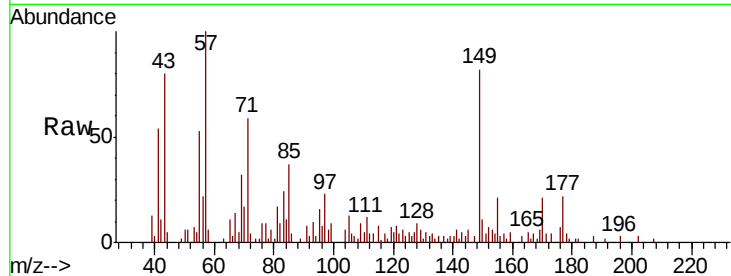
#60
Diethylphthalate
Concen: 1.063 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.5	18.1	27.1
150	13.5	10.3	15.5

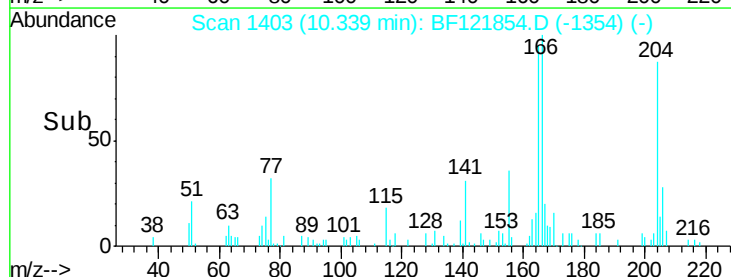
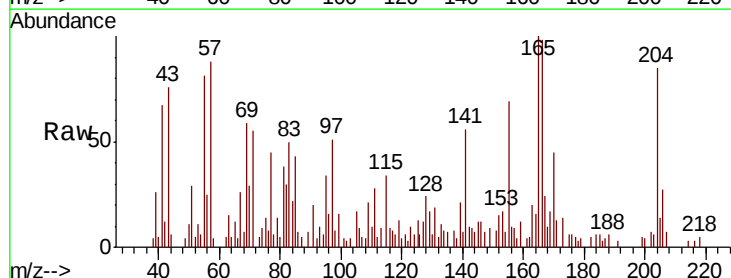
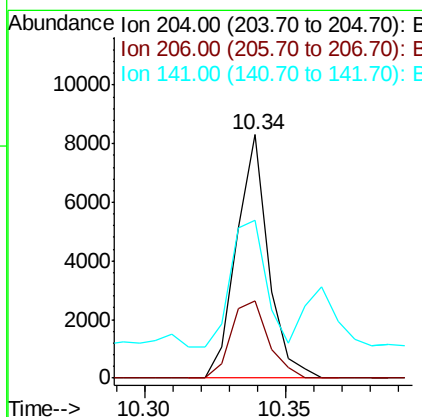
Manual Integrations
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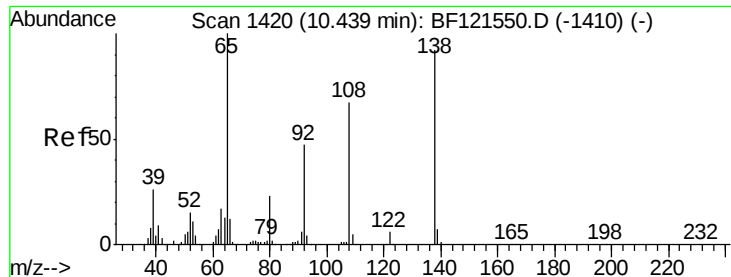
mohammad
10/7/2020 10:40:53 AM



#61
4-Chlorophenyl-phenylether
Concen: 1.097 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.0	39.0
141	65.0	46.2	69.4





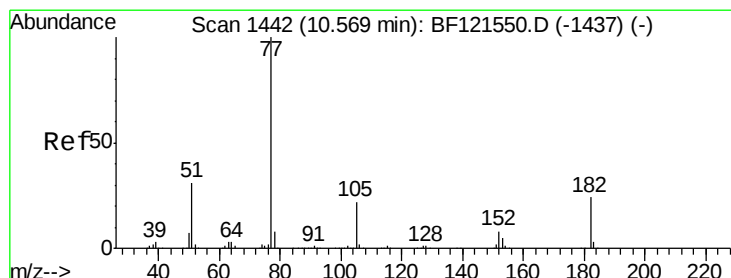
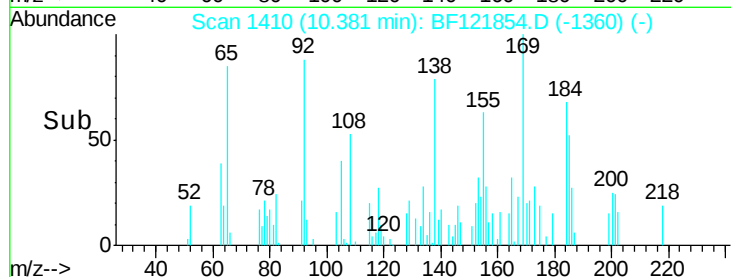
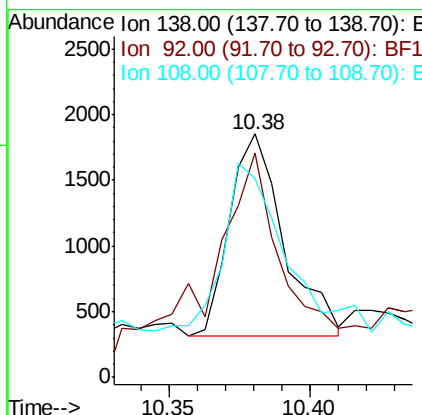
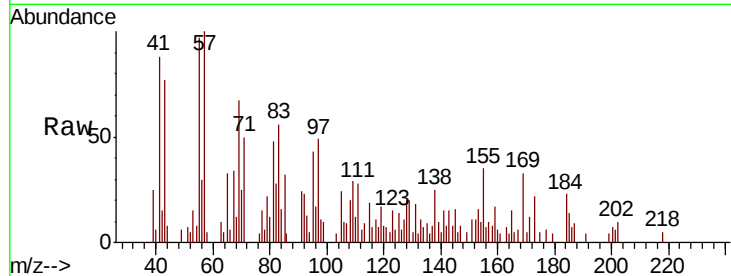
#62
4-Nitroaniline
Concen: 0.623 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	92.1	31.0	71.0#
108	81.5	51.5	91.5

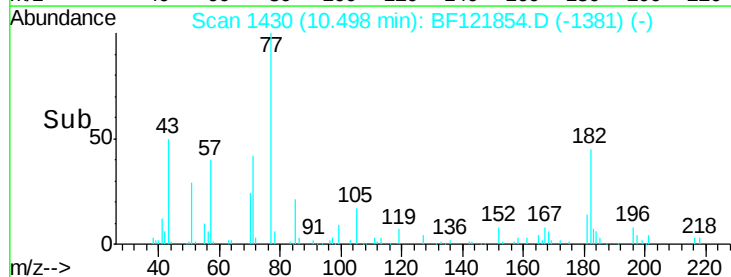
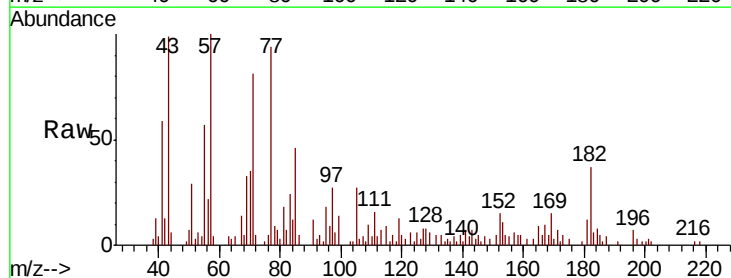
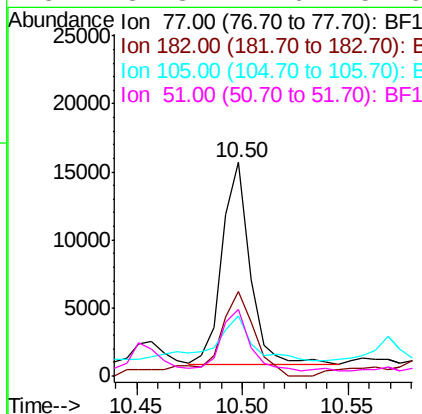
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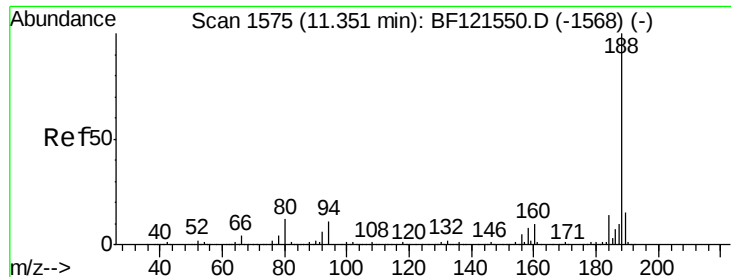
mohammad
10/7/2020 10:40:53 AM



#63
Azobenzene
Concen: 0.958 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	39.7	3.4	43.4
105	28.4	1.7	41.7
51	31.3	11.6	51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

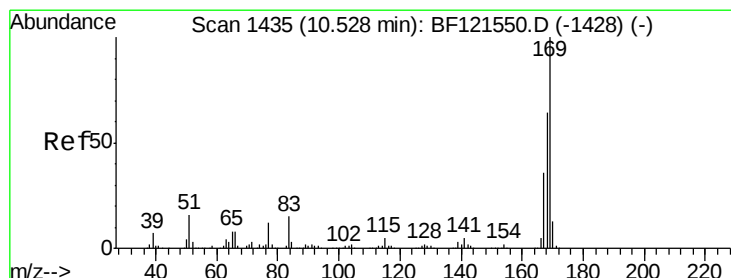
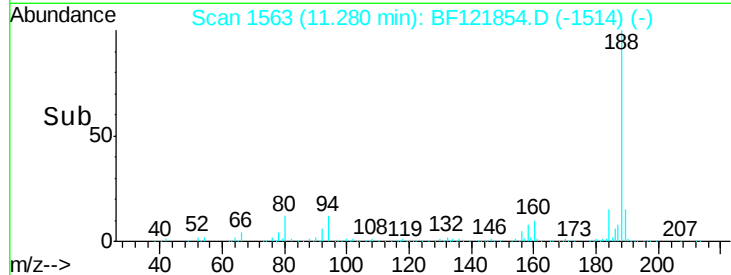
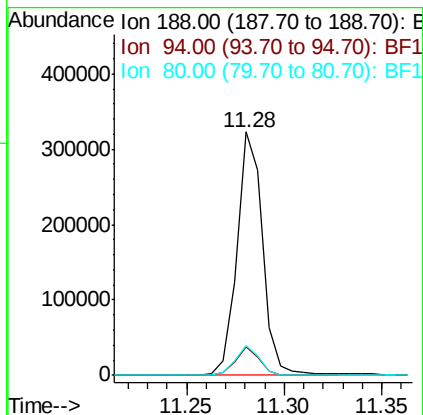
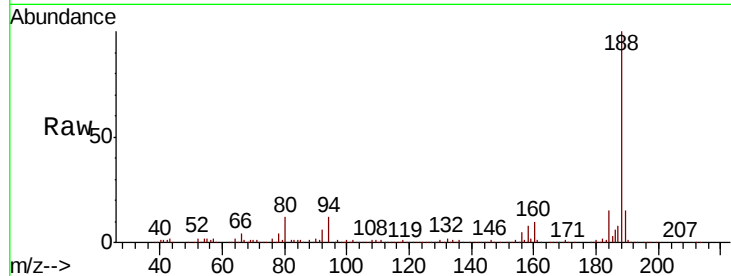
ClientSampleId :

B-18(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	292737		
94	11.7		8.3	12.5
80	12.2		9.1	13.7

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#66

n-Nitrosodiphenylamine

Concen: 2.090 ng

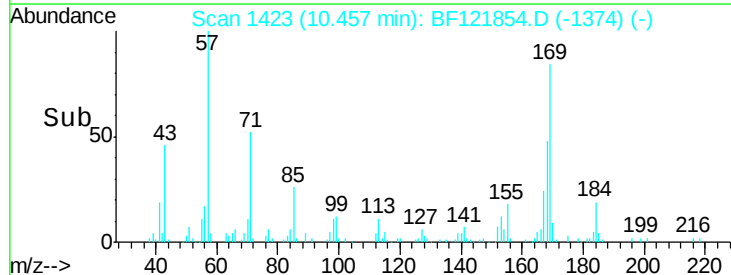
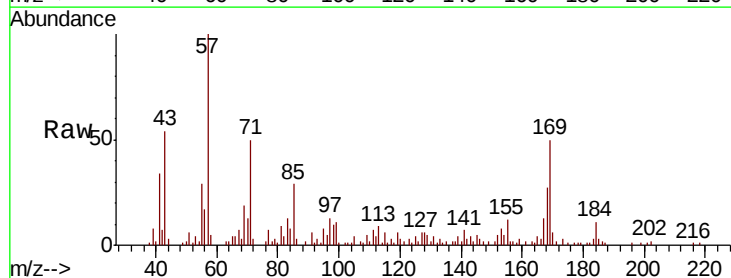
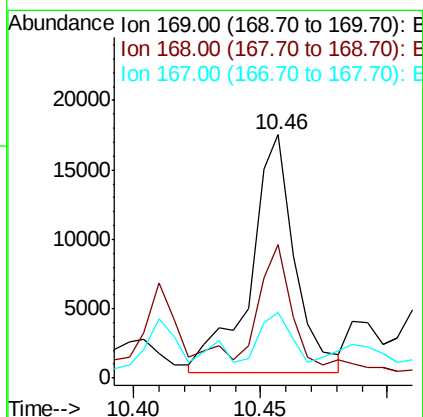
RT: 10.46 min Scan# 1423

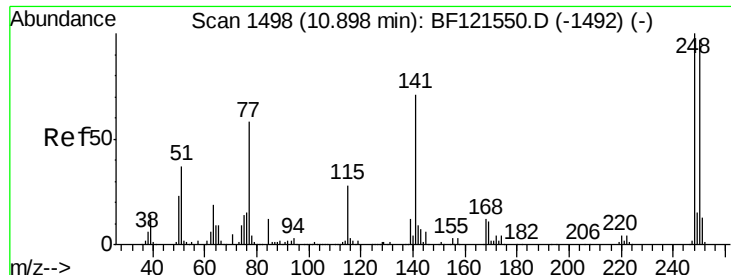
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	20989		
168	54.7		50.0	75.0
167	26.9		27.8	41.6#





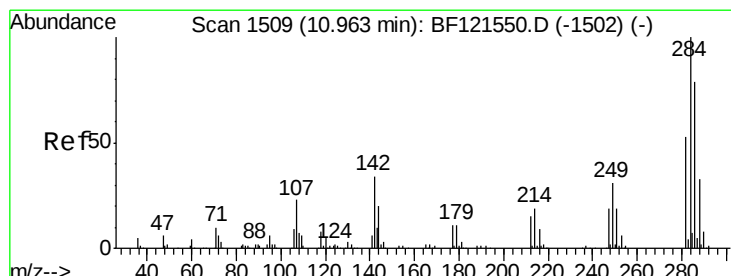
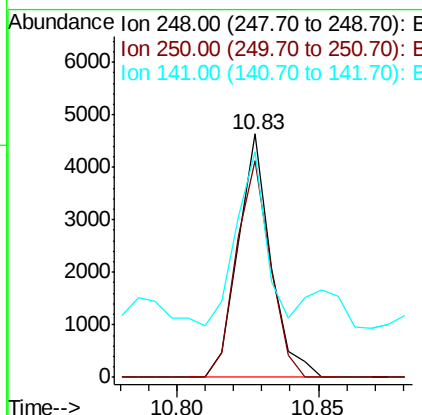
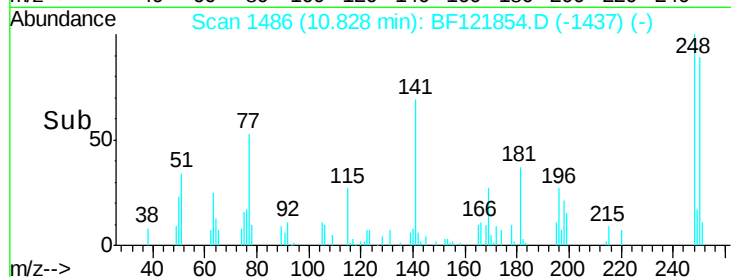
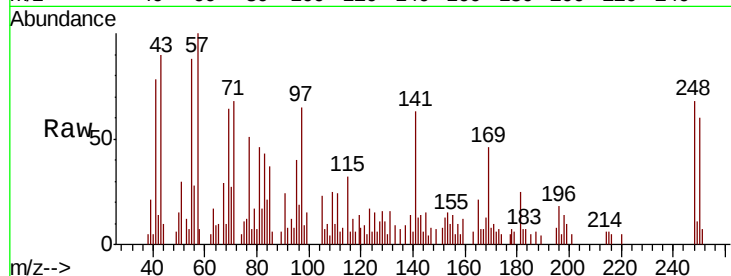
#67
 4-Bromophenyl-phenylether
 Concen: 1.116 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	88.9	77.0	115.6
141	92.6	53.7	80.5

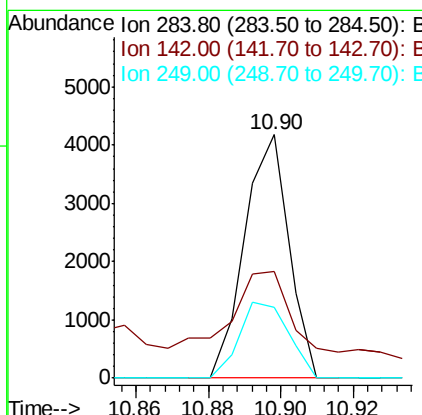
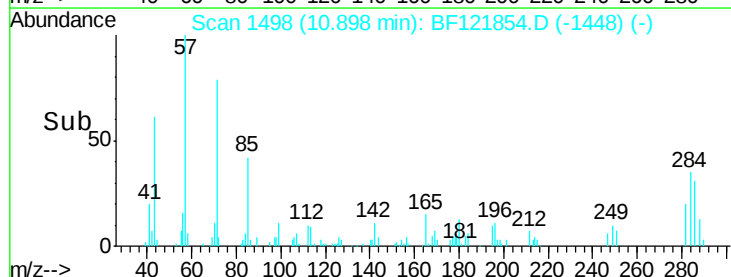
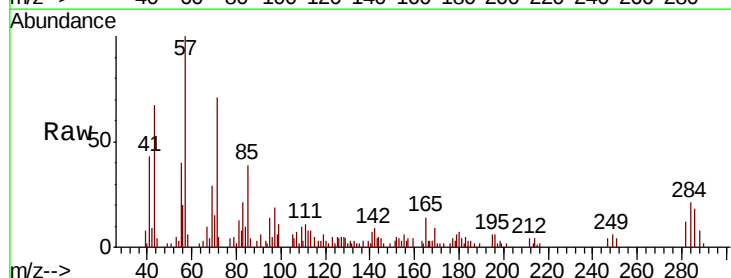
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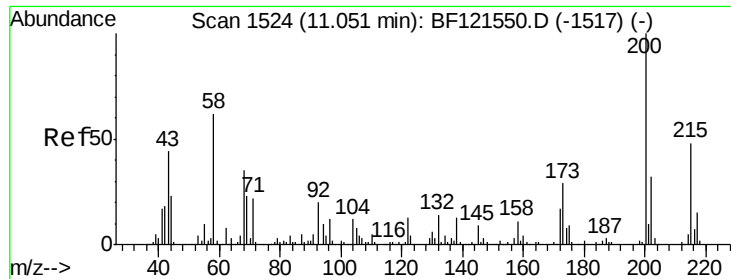
mohammad
 10/7/2020 10:40:53 AM



#68
 Hexachlorobenzene
 Concen: 0.937 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.1	27.4	41.2
249	29.2	24.2	36.4





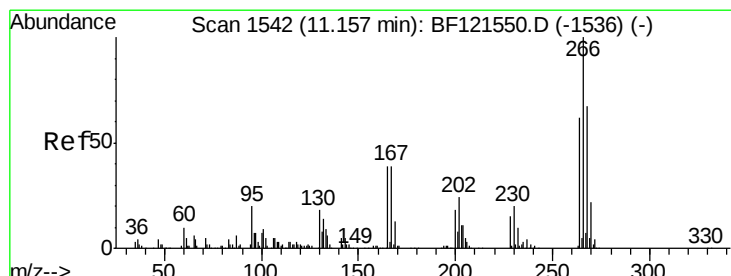
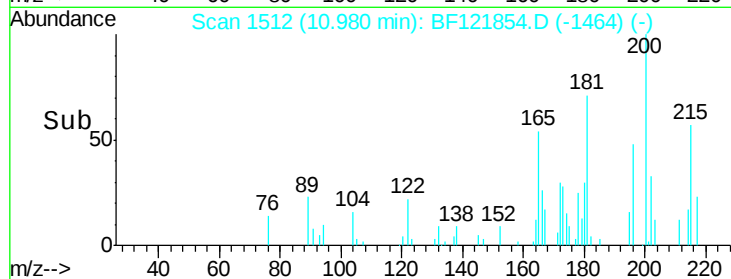
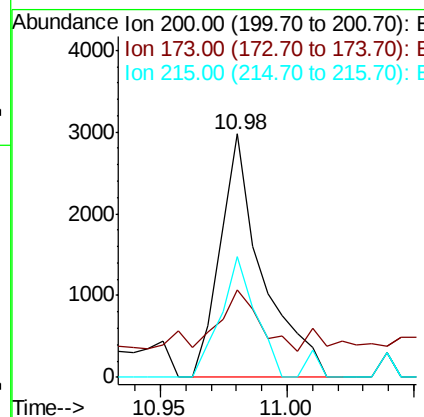
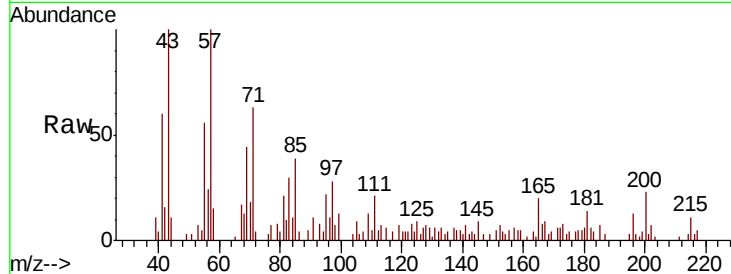
#69
Atrazine
Concen: 1.379 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampled :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	35.8	7.5	47.5
215	49.7	27.1	67.1

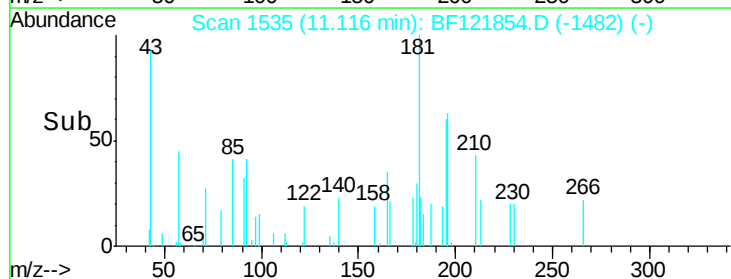
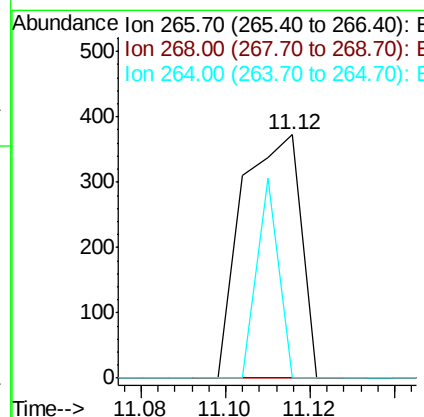
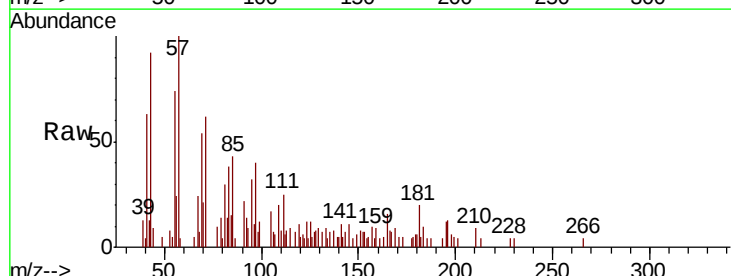
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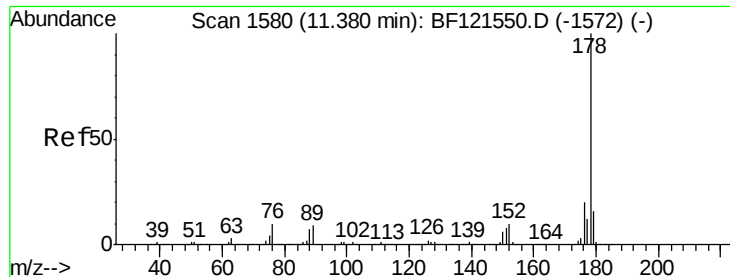
mohammad
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#70
Pentachlorophenol
Concen: 0.174 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.4	78.6#
264	0.0	49.9	74.9#





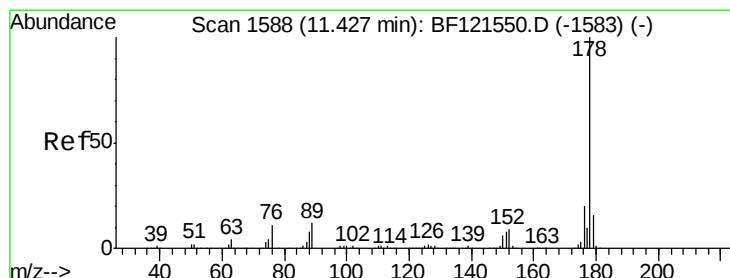
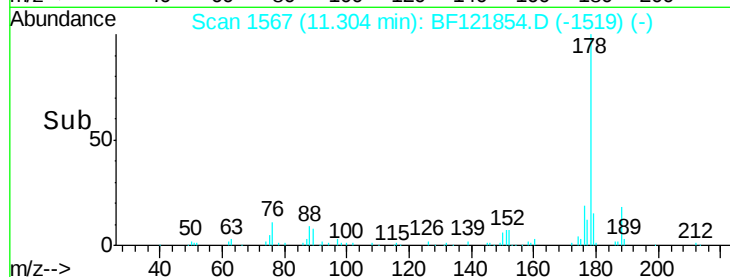
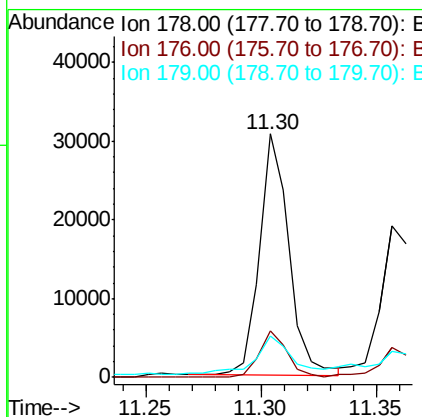
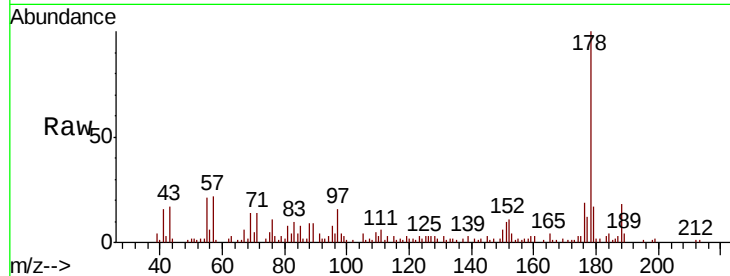
#71
Phenanthrene
Concen: 1.706 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.9	12.2	18.4

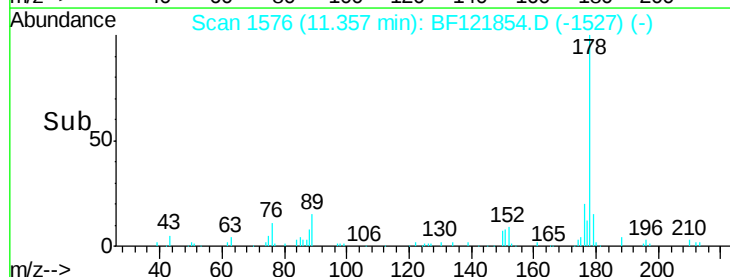
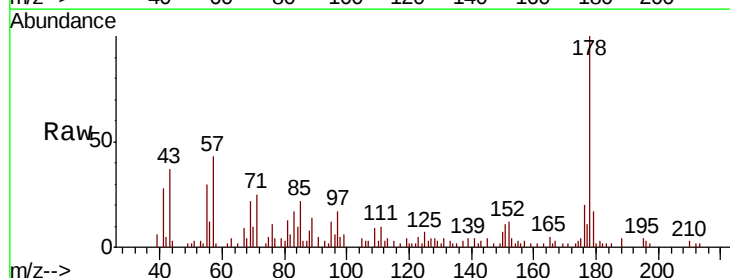
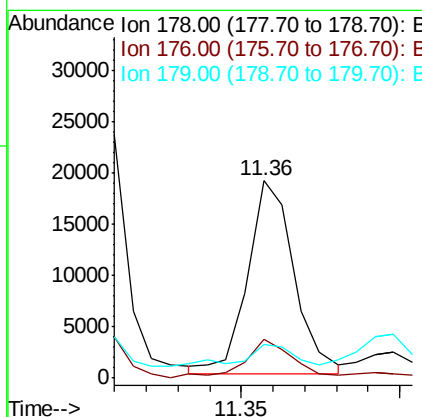
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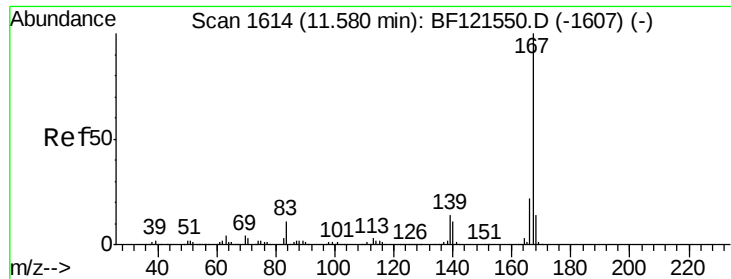
mohammad
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#72
Anthracene
Concen: 1.174 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	17.0	12.7	19.1





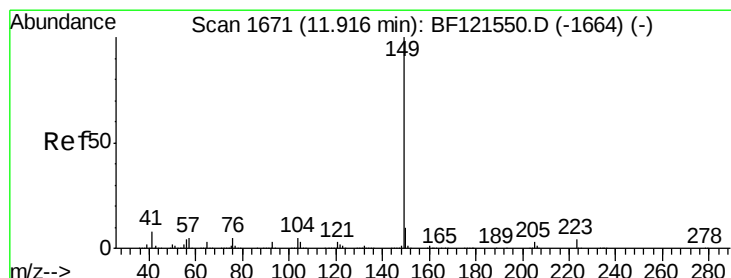
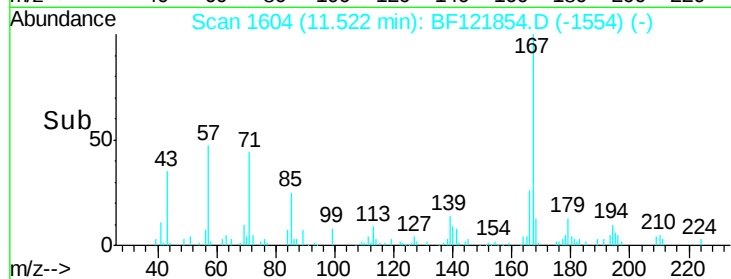
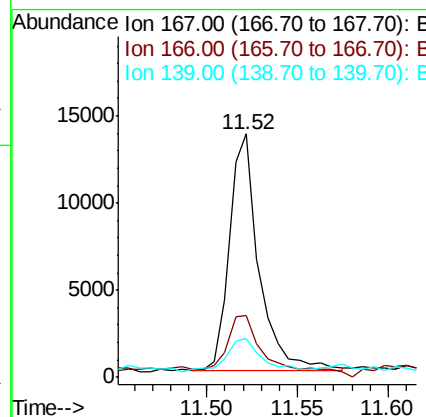
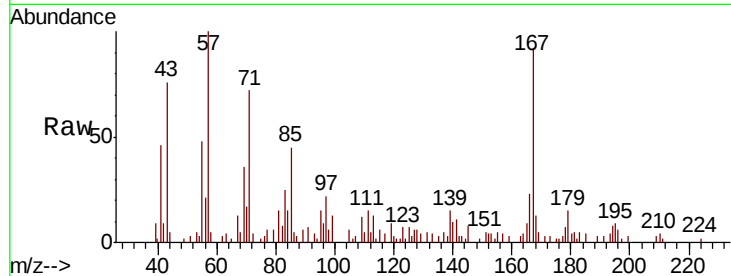
#73
 Carbazole
 Concen: 1.037 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.8	26.6
139	16.1	10.8	16.2

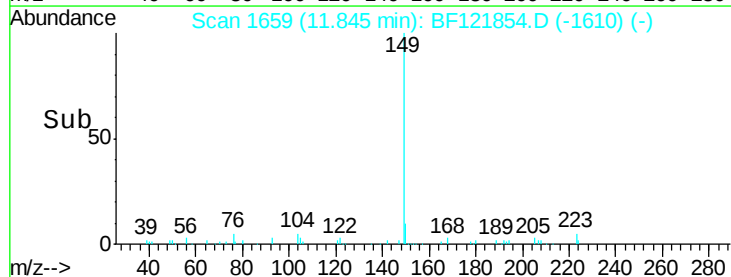
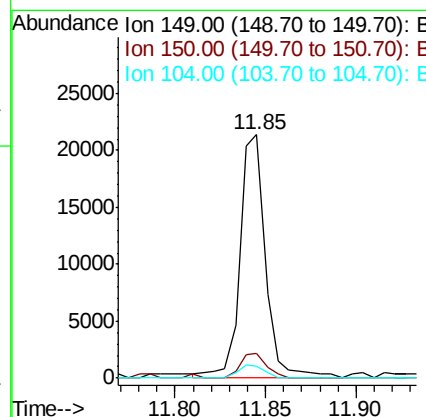
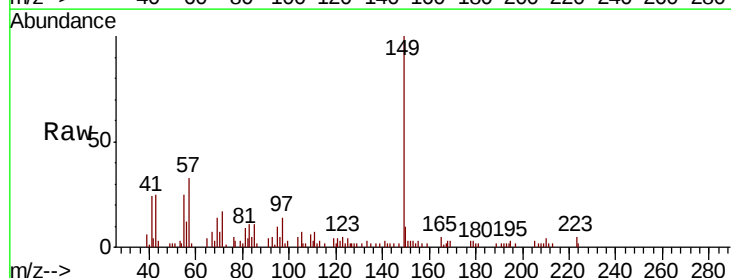
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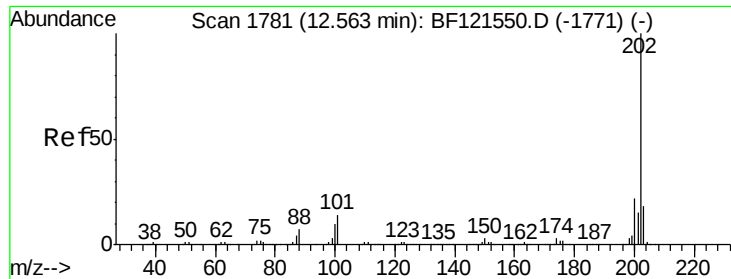
mohammad
 10/7/2020 10:40:53 AM



#74
 Di-n-butylphthalate
 Concen: 1.232 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 1.331 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

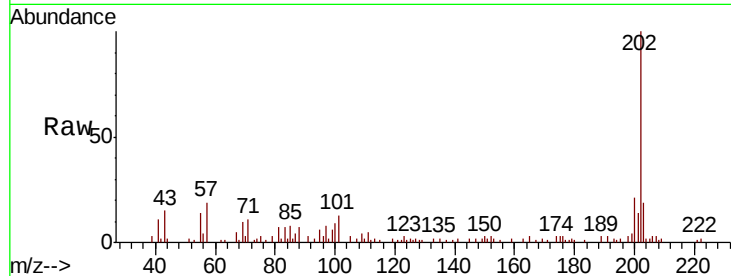
ClientSampleId :

B-18(0-1)MS

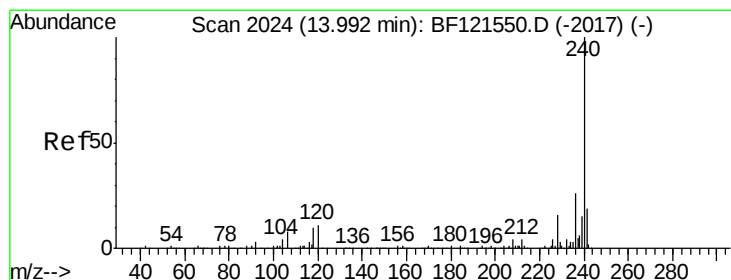
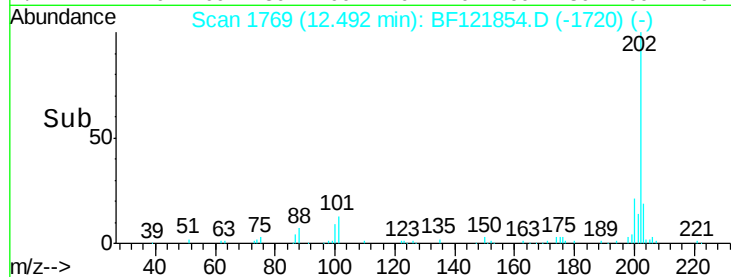
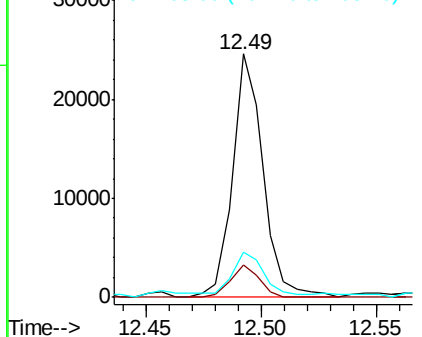
Tot Ion:	202	Resp:	22670
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.4
203	18.6	0.0	37.9

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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

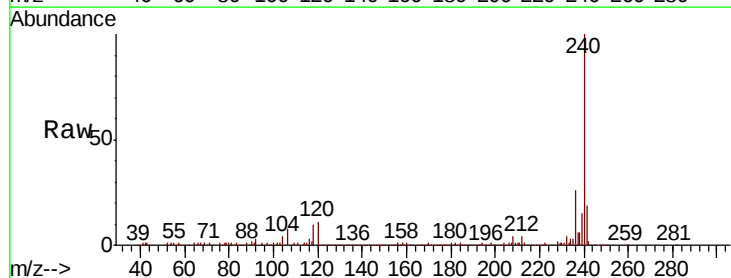
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

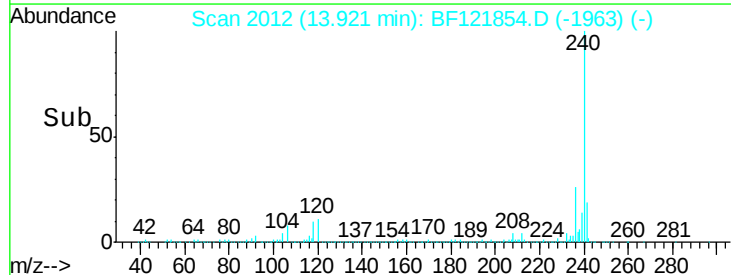
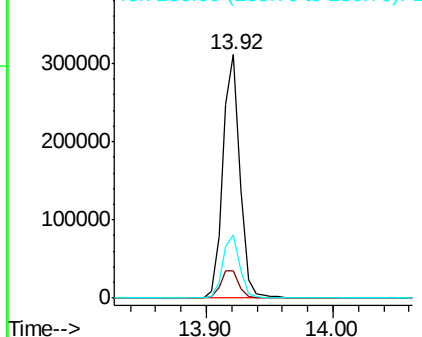
Lab File: BF121854.D

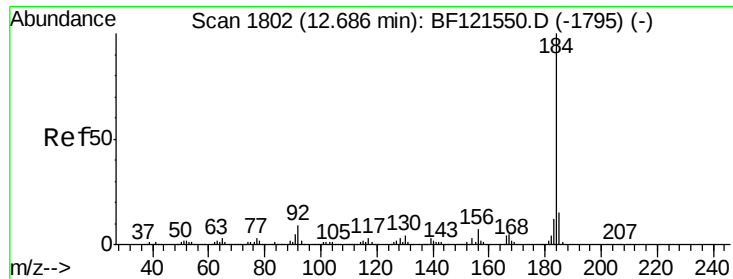
Acq: 6 Oct 2020 15:58

Tgt Ion:	240	Resp:	292341
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.2	13.8
236	25.9	20.9	31.3



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: 0.489 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

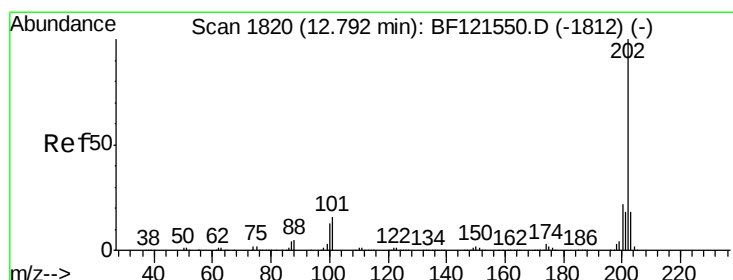
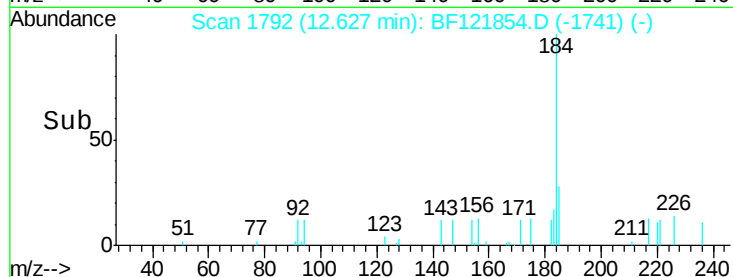
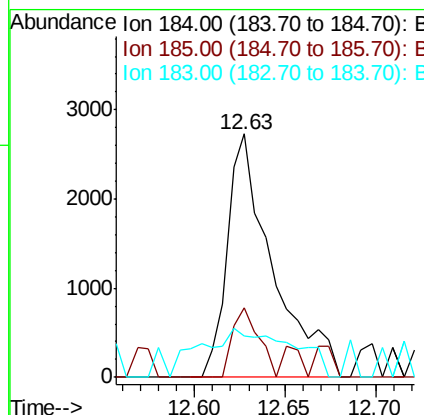
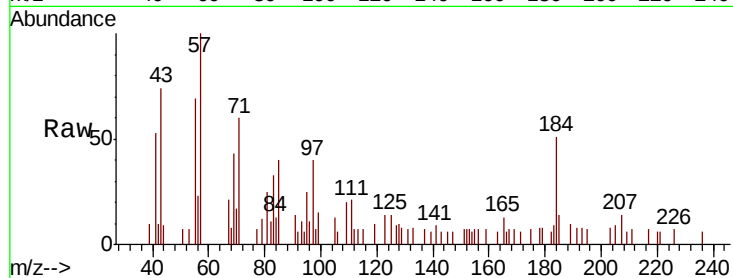
ClientSampleId :

B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	28.3	11.6	17.4
183	17.0	9.4	14.0

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#78

Pyrene

Concen: 1.239 ng

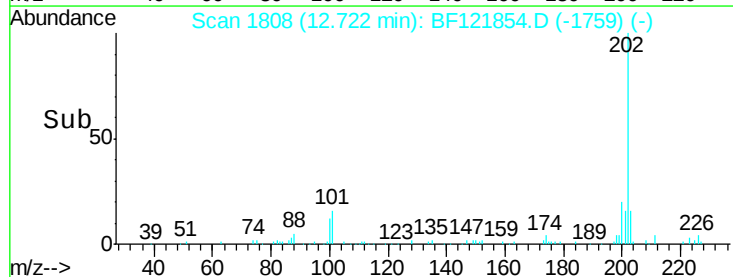
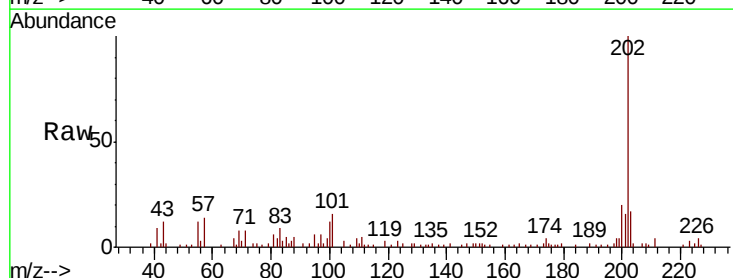
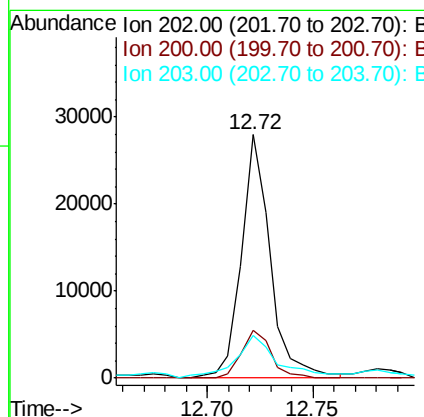
RT: 12.72 min Scan# 1808

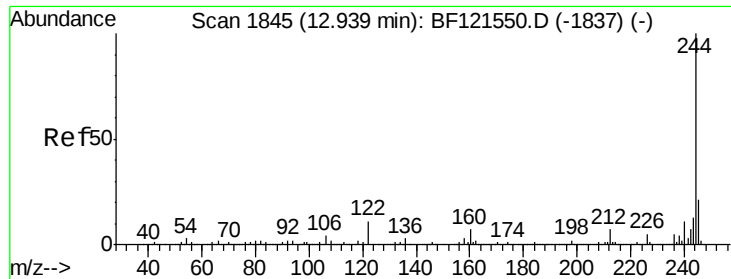
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.4	14.6	21.8





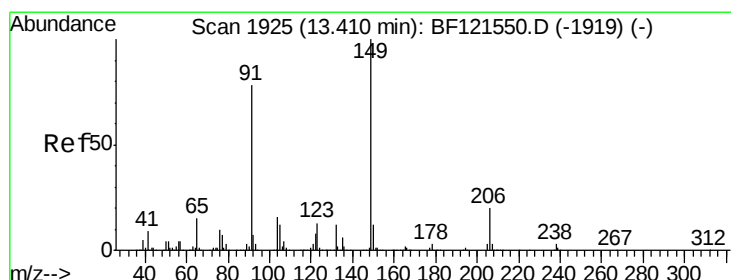
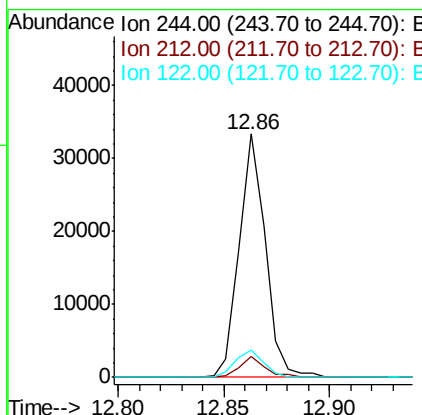
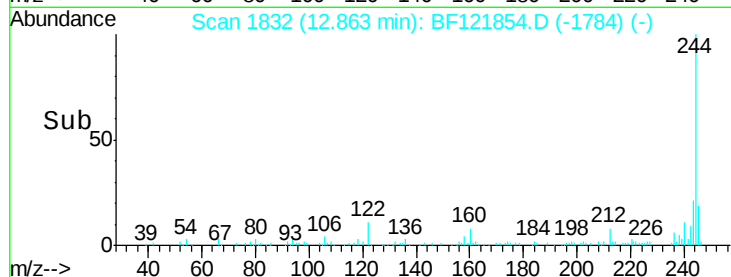
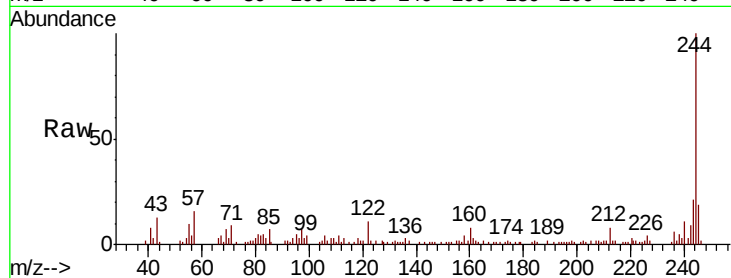
#79
 Terphenyl-d14
 Concen: 1.990 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.4	8.2
122	11.3	8.1	12.1

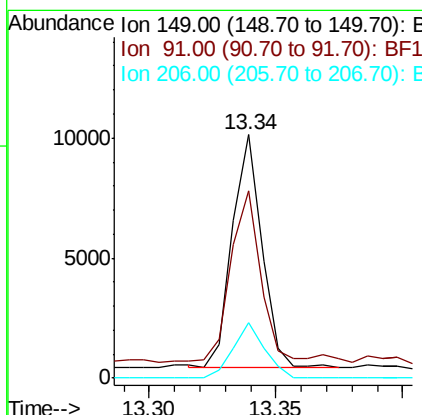
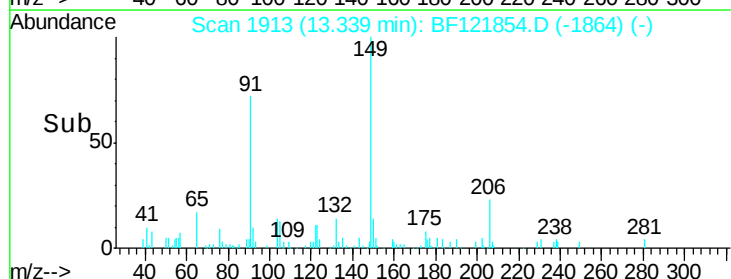
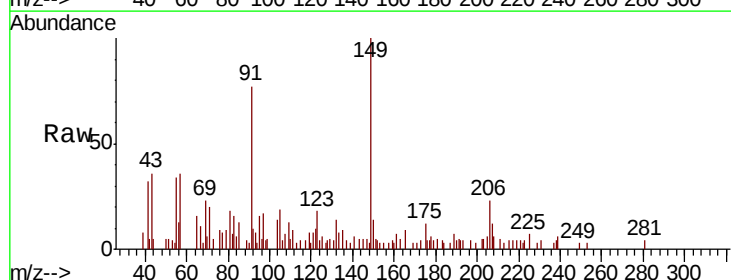
Manual Integrations
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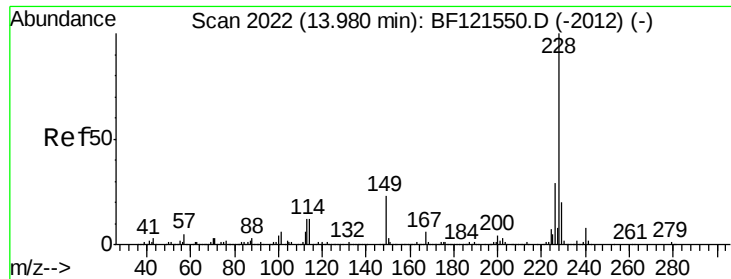
mohammad
 10/7/2020 10:40:53 AM



#80
 Butylbenzylphthalate
 Concen: 0.917 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	61.0	91.4
206	22.6	16.7	25.1





#81

Benzo(a)anthracene

Concen: 1.281 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

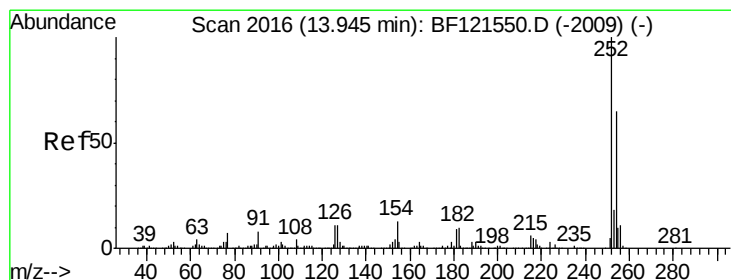
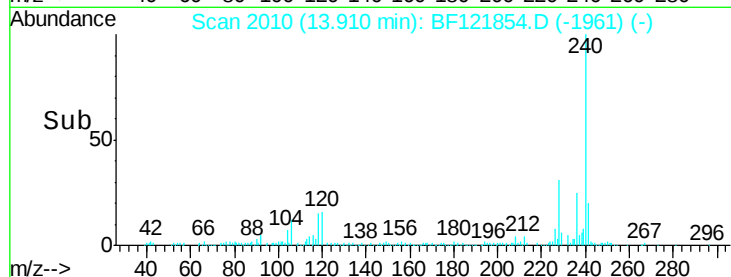
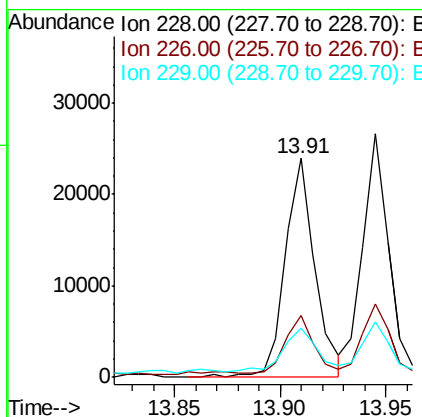
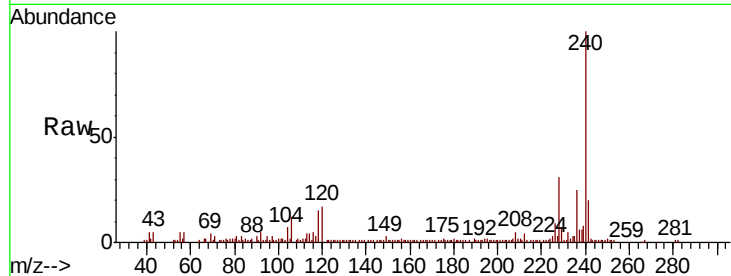
ClientSampleId :

B-18(0-1)MS

Tot Ion:	228	Resp:	23692
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.3	33.5
229	22.3	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 0.983 ng

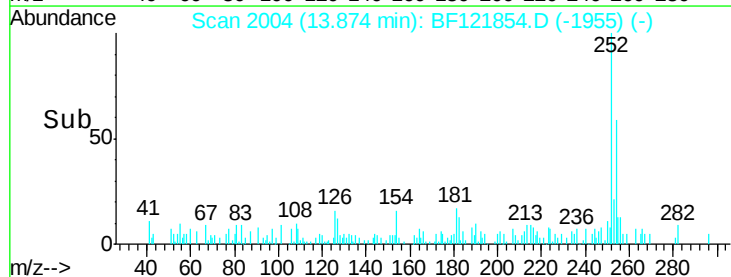
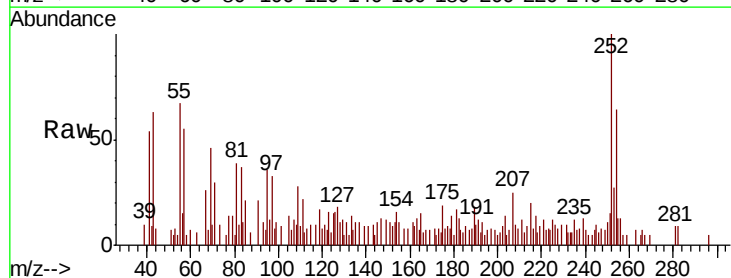
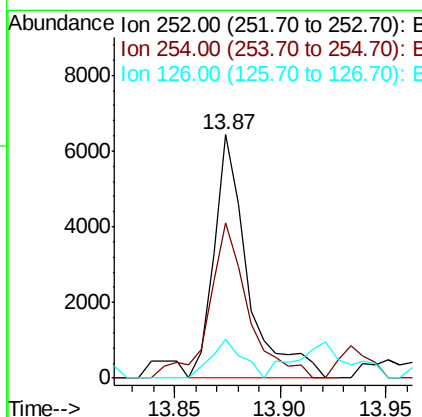
RT: 13.87 min Scan# 2004

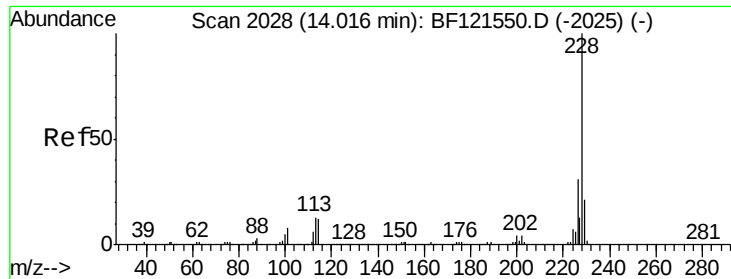
Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion:	252	Resp:	7099
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.8	77.6
126	16.1	8.8	13.2#





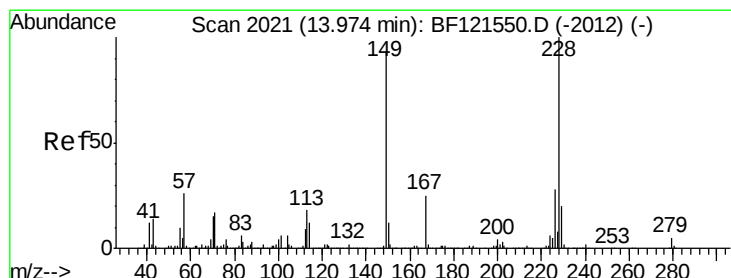
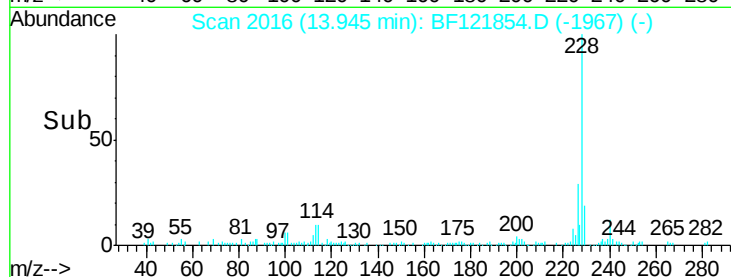
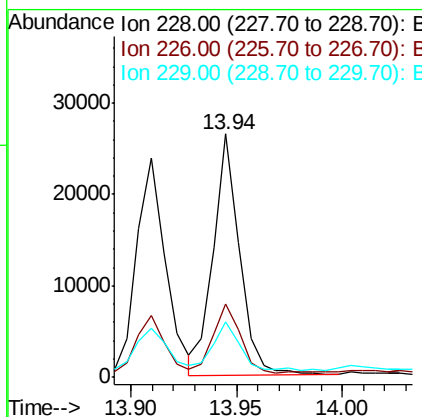
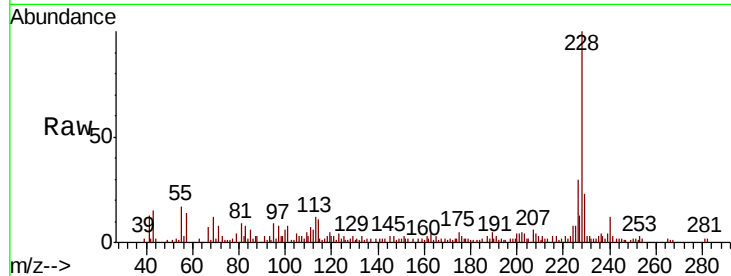
#83
 Chrysene
 Concen: 1.225 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	23.0	15.9	23.9

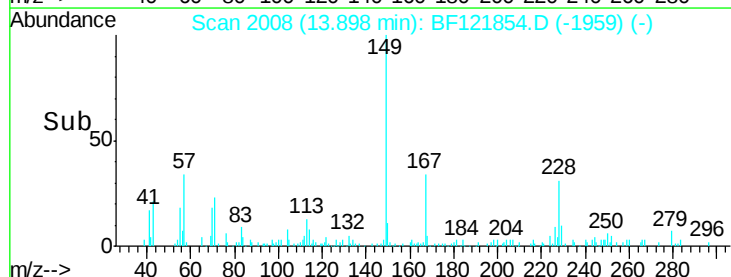
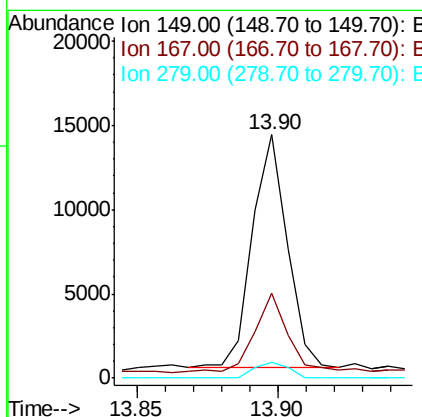
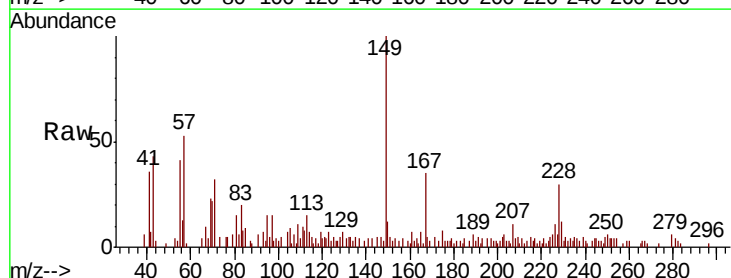
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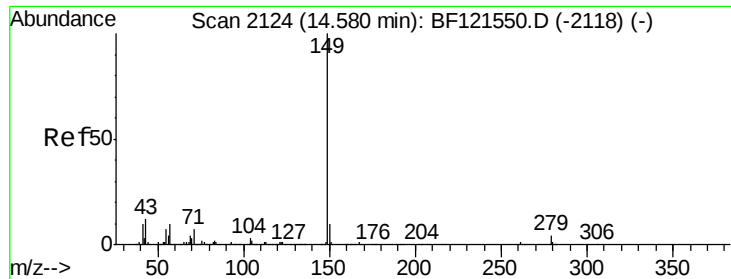
mohammad
 10/7/2020 10:40:53 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.039 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.0	20.9	31.3#
279	6.2	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 1.064 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

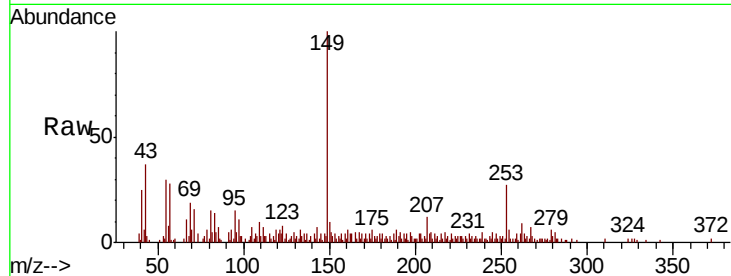
ClientSampleId :

B-18(0-1)MS

Tot Ion:	149	Resp:	21669
Ion Ratio	Lower	Upper	
149	100		
167	4.7	1.2	1.8#
43	25.6	9.0	13.6#

Manual Integrations
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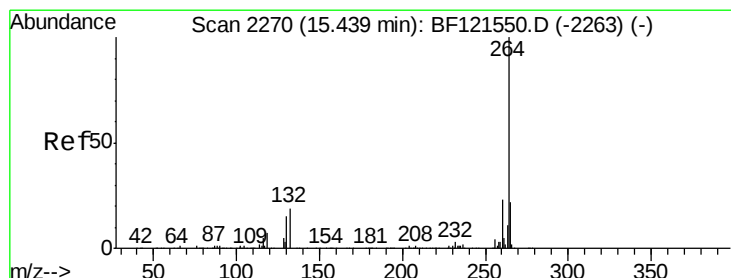
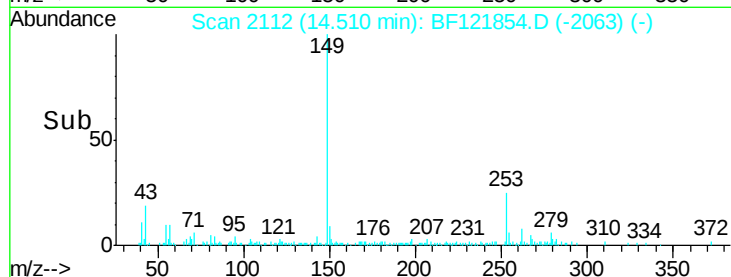
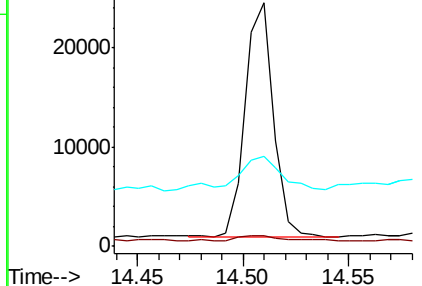
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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

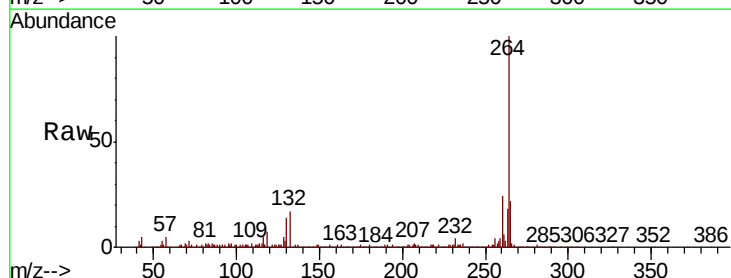
RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

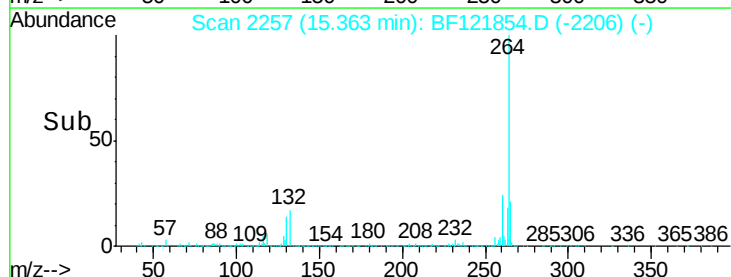
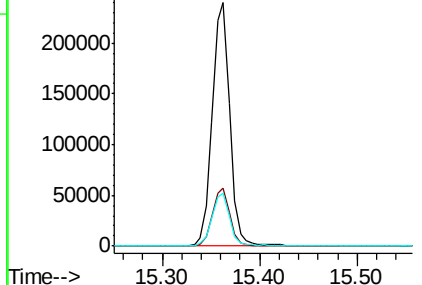
Tgt Ion:	264	Resp:	300669
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.7	17.3	25.9

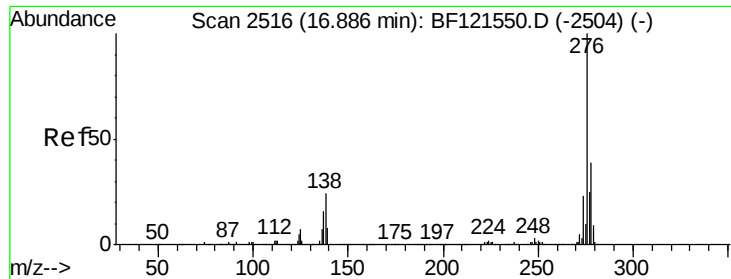


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





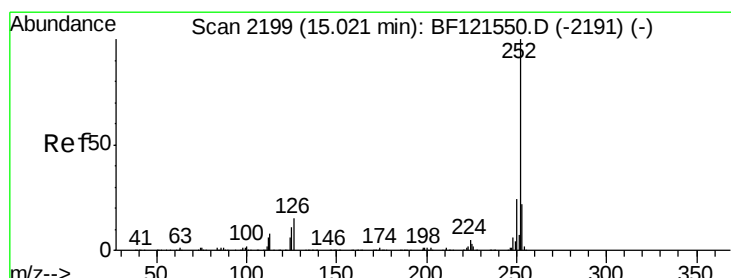
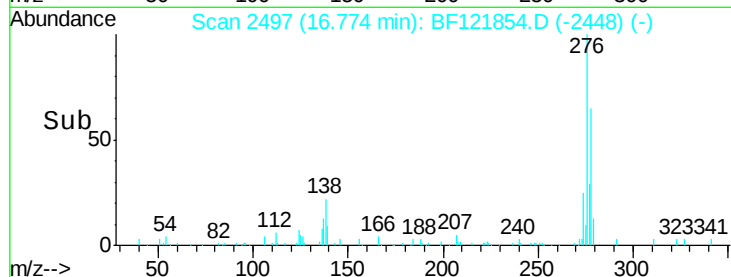
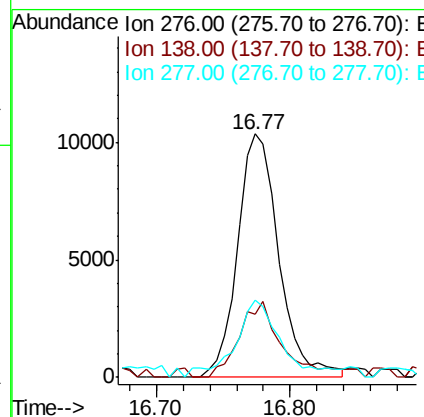
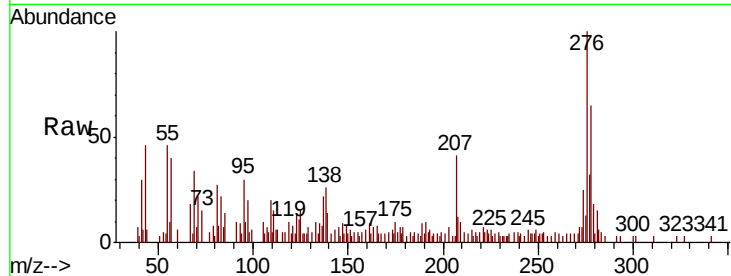
#87
Indeno(1,2,3-cd)pyrene
Concen: 1.132 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampled :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	19.9	29.9#
277	35.5	20.4	30.6#

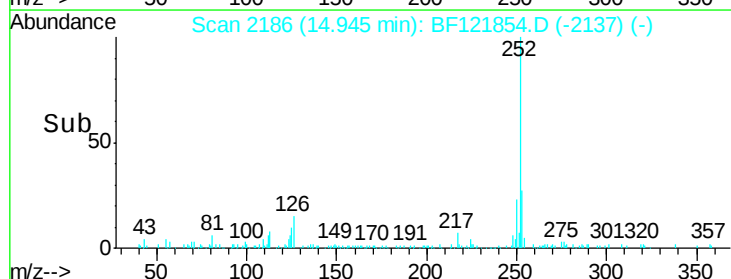
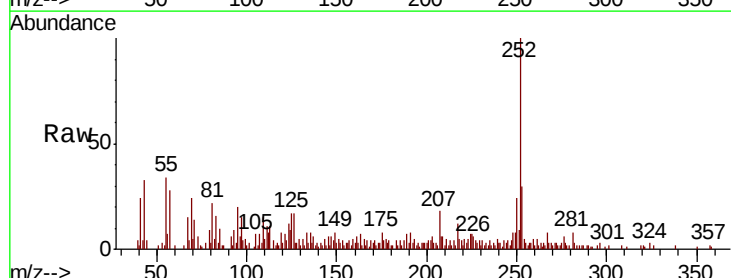
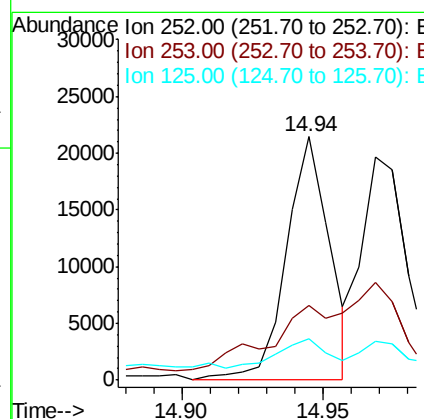
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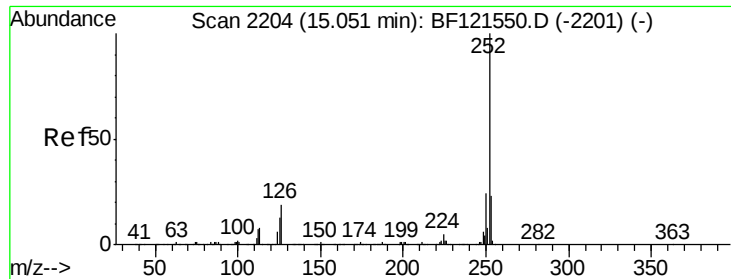
mohammad
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#88
Benzo(b)fluoranthene
Concen: 1.140 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.2	27.2#
125	16.7	8.0	12.0#





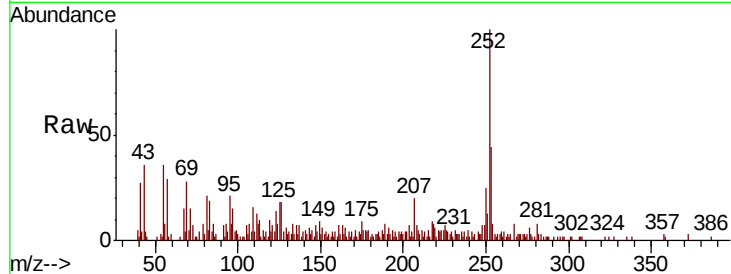
#89
Benzo(k)fluoranthene
Concen: 1.173 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.8	17.8	26.6#
125	17.5	7.7	11.5#

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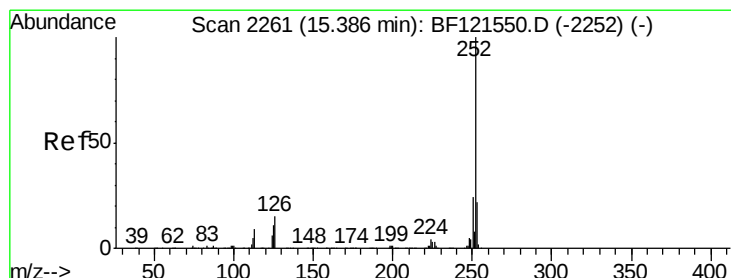
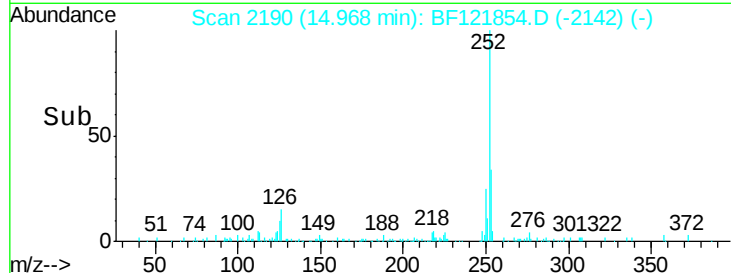
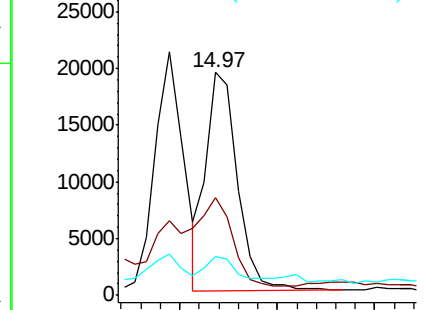


Abundance

Ion 252.00 (251.70 to 252.70): E

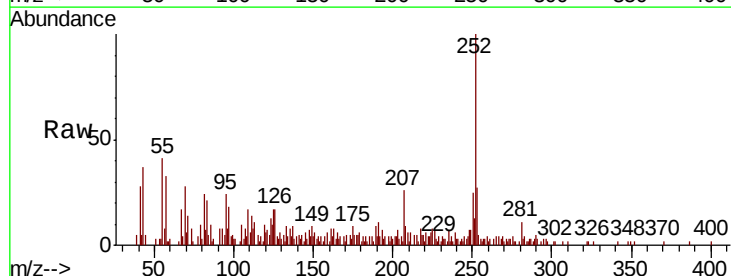
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 1.204 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.3	25.9#
125	17.5	8.6	13.0#

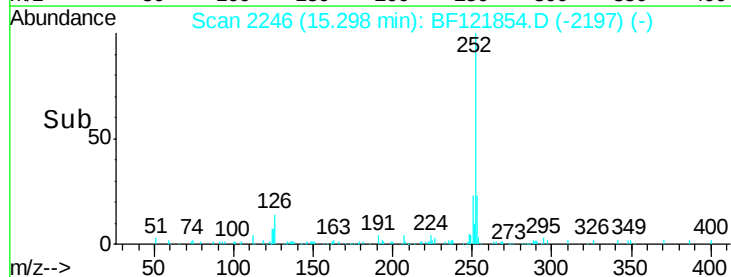
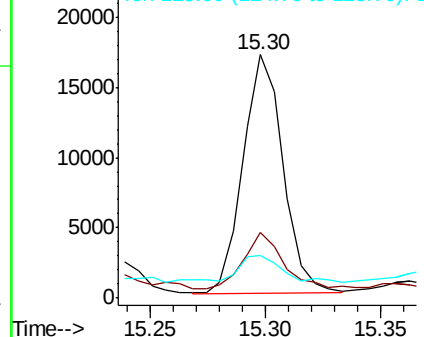


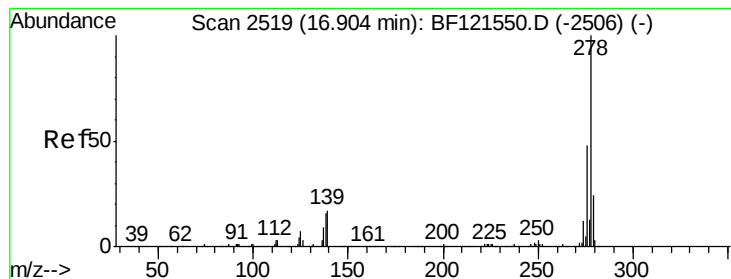
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 1.115 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

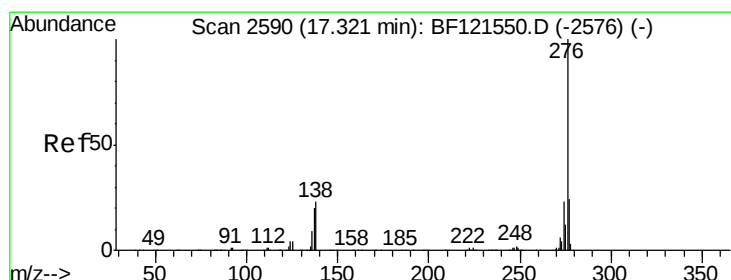
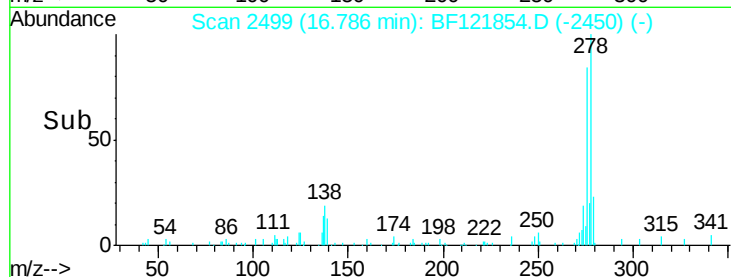
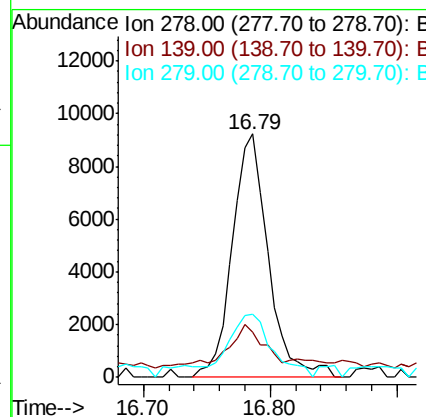
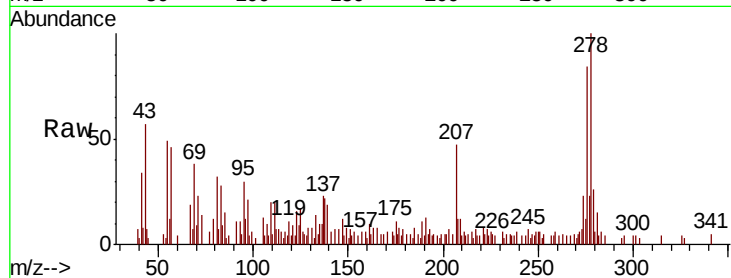
ClientSampleId :

B-18(0-1)MS

Tot Ion:	278	Resp:	18180
Ion Ratio	Lower	Upper	
278	100		
139	18.8	13.0	19.4
279	26.0	19.0	28.4

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#92

Benzo(g,h,i)perylene

Concen: 1.158 ng

RT: 17.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion:	276	Resp:	18561
Ion Ratio	Lower	Upper	
276	100		
277	27.9	19.4	29.2
138	25.2	17.8	26.6

