

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121886.D
 Acq On : 8 Oct 2020 13:33
 Operator : JU/CG
 Sample : PB132200BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:31:24 AM

Quant Time: Oct 08 14:19:42 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	146162	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	566752	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	294062	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	540118	20.00	ng	0.00
76) Chrysene-d12	13.93	240	418796	20.00	ng	0.00
86) Perylene-d12	15.37	264	339963	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	987262	100.38	ng	0.00
7) Phenol-d6	6.42	99	1253258	97.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	843399	79.90	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	382725	104.72	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1416557	72.96	ng	0.00
79) Terphenyl-d14	12.87	244	1679798	81.26	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.56	88	153523	33.977	ng	98
3) Pyridine	3.29	79	428422	34.298	ng	99
4) n-Nitrosodimethylamine	3.25	42	220760	38.102	ng	99
6) Aniline	6.43	93	479562	28.537	ng	# 28
8) 2-Chlorophenol	6.55	128	404718	40.417	ng	96
9) Benzaldehyde	6.31	77	141978	16.832	ng	97
10) Phenol	6.43	94	486087	35.377	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	398960	38.525	ng	99
12) 1,3-Dichlorobenzene	6.70	146	421720	37.732	ng	97
13) 1,4-Dichlorobenzene	6.78	146	422154	37.617	ng	98
14) 1,2-Dichlorobenzene	6.93	146	389954	37.719	ng	98
15) Benzyl Alcohol	6.92	79	319613	36.443	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	607358	36.446	ng	82
17) 2-Methylphenol	7.03	107	330075	38.741	ng	95
18) Hexachloroethane	7.27	117	156175	38.866	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	281549	37.861	ng	97
20) 3+4-Methylphenols	7.19	107	393354	38.425	ng	# 70
22) Acetophenone	7.17	105	519888	36.155	ng	94
24) Nitrobenzene	7.35	77	432316	37.868	ng	97
25) Isophorone	7.59	82	782910	36.845	ng	100
26) 2-Nitrophenol	7.67	139	211891	39.882	ng	97
27) 2,4-Dimethylphenol	7.71	122	336391	35.466	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	491864	37.391	ng	100
29) 2,4-Dichlorophenol	7.92	162	331663	38.392	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	341621	37.547	ng	98
31) Naphthalene	8.07	128	1115457	37.284	ng	100
32) Benzoic acid	7.87	122	165546	26.949	ng	97
33) 4-Chloroaniline	8.12	127	403612	31.122	ng	99
34) Hexachlorobutadiene	8.18	225	203197	38.049	ng	99
35) Caprolactam	8.51	113	109075m	37.914	ng	
36) 4-Chloro-3-methylphenol	8.62	107	362649	38.968	ng	99
37) 2-Methylnaphthalene	8.76	142	734994	37.488	ng	98
38) 1-Methylnaphthalene	8.86	142	684703	37.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	339277	36.936	ng	99

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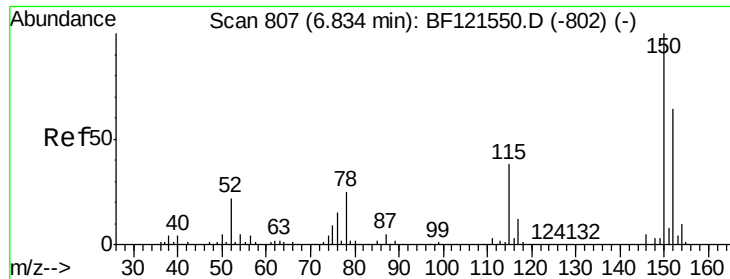
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	215139	41.013	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	222165	35.484	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	237944	35.949	nq	97
46) 1,1'-Biphenyl	9.23	154	849144	36.070	nq	98
47) 2-Chloronaphthalene	9.25	162	680311	36.672	nq	99
48) 2-Nitroaniline	9.35	65	240119	41.652	nq	99
49) Acenaphthylene	9.66	152	1038381	36.430	nq	100
50) Dimethylphthalate	9.53	163	825786	38.745	nq	100
51) 2,6-Dinitrotoluene	9.60	165	182469	40.200	nq	88
52) Acenaphthene	9.83	154	623941	34.657	nq	100
53) 3-Nitroaniline	9.76	138	162149	30.838	nq	97
54) 2,4-Dinitrophenol	9.89	184	162401	64.065	nq	97
55) Dibenzofuran	10.01	168	891750	35.173	nq	99
56) 4-Nitrophenol	9.95	139	217972	51.980	nq	90
57) 2,4-Dinitrotoluene	10.00	165	223808	39.193	nq	# 84
58) Fluorene	10.35	166	729115	37.606	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	199648	37.103	nq	97
60) Diethylphthalate	10.23	149	793257	38.174	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	357474	38.489	nq	95
62) 4-Nitroaniline	10.39	138	202336	38.755	nq	97
63) Azobenzene	10.50	77	817706	36.952	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	127799	39.907	nq	92
66) n-Nitrosodiphenylamine	10.46	169	696493	37.587	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	240761	39.151	nq	95
68) Hexachlorobenzene	10.90	284	267310	38.518	nq	# 92
69) Atrazine	10.99	200	209350	45.474	nq	99
70) Pentachlorophenol	11.10	266	204256	53.592	nq	96
71) Phenanthrene	11.32	178	1089278	37.015	nq	100
72) Anthracene	11.37	178	1119680	36.870	nq	99
73) Carbazole	11.52	167	1021745	37.284	nq	100
74) Di-n-butylphthalate	11.84	149	1214640	38.402	nq	100
75) Fluoranthene	12.50	202	1184617	37.710	nq	98
77) Benzidine	12.62	184	642840	46.301	nq	100
78) Pyrene	12.73	202	1189334	38.869	nq	99
80) Butylbenzylphthalate	13.34	149	518085	41.865	nq	98
81) Benzo(a)anthracene	13.92	228	1038927	39.212	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	290451	28.080	nq	98
83) Chrysene	13.96	228	1005085	37.462	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	704748	42.629	nq	99
85) Di-n-octyl phthalate	14.52	149	1159271	39.734	nq	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	861609	38.917	nq	99
88) Benzo(b)fluoranthene	14.96	252	909657	40.026	nq	99
89) Benzo(k)fluoranthene	14.99	252	895299	43.018	nq	99
90) Benzo(a)pyrene	15.31	252	795841	41.195	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	706801	38.351	nq	99
92) Benzo(g,h,i)perylene	17.23	276	699965	38.638	nq	99

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



#1

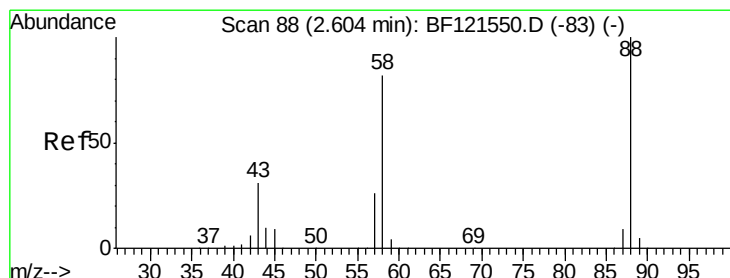
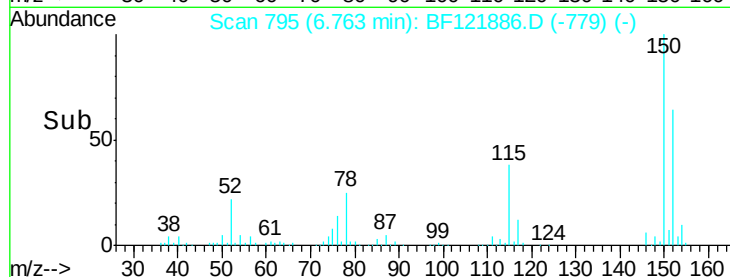
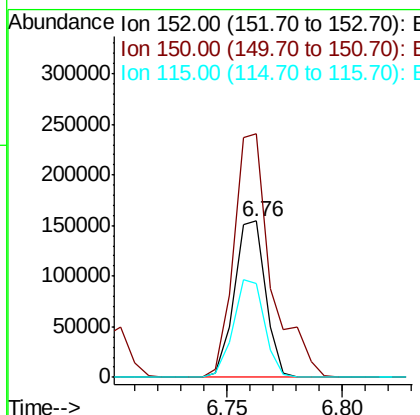
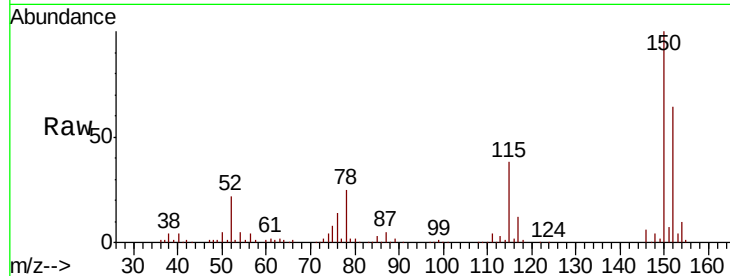
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	60.0	51.9	77.9

Manual Integrations
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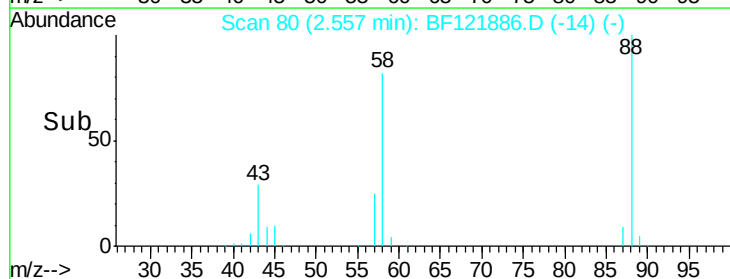
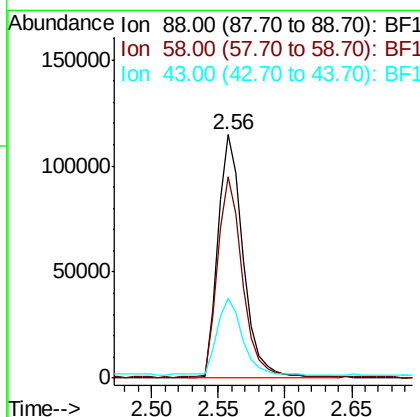
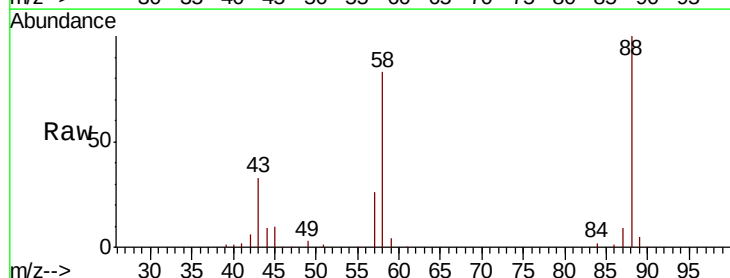
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10/12/2020 11:31:24 AM

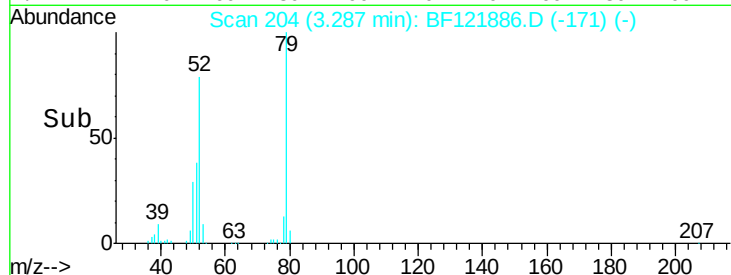
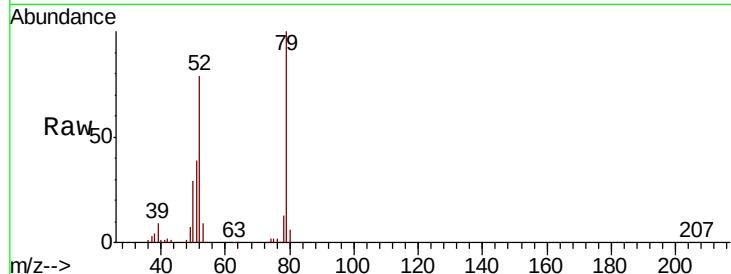
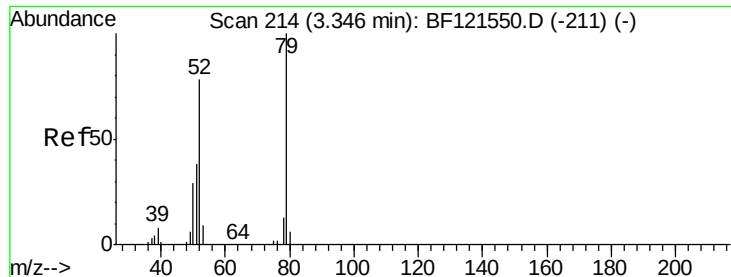


#2

1,4-Dioxane
Concen: 33.977 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.09 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	65.8	98.8
43	31.3	25.8	38.8





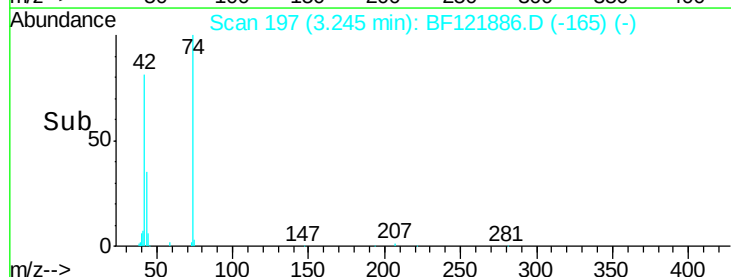
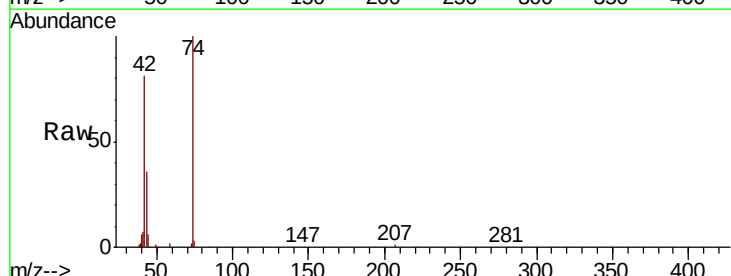
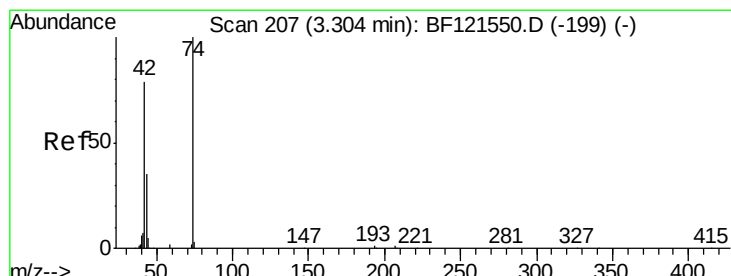
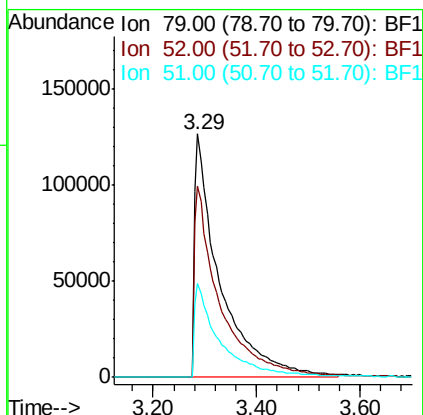
#3
Pvridine
Concen: 34.298 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.09 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	62.2	93.4
51	38.5	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
PB132200BS

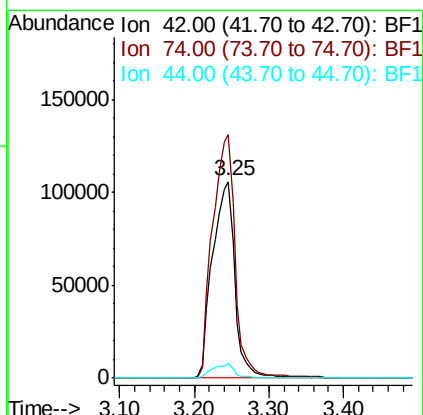
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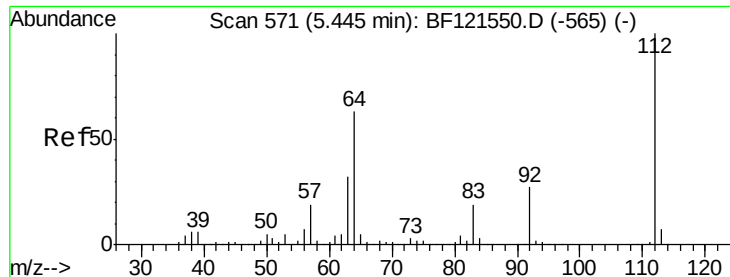
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#4
n-Nitrosodimethylamine
Concen: 38.102 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.09 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.8	100.2	150.2
44	7.2	5.8	8.6





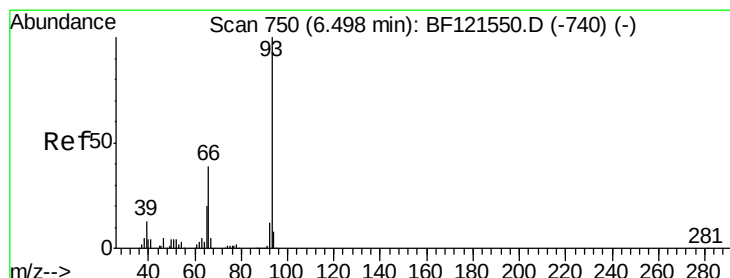
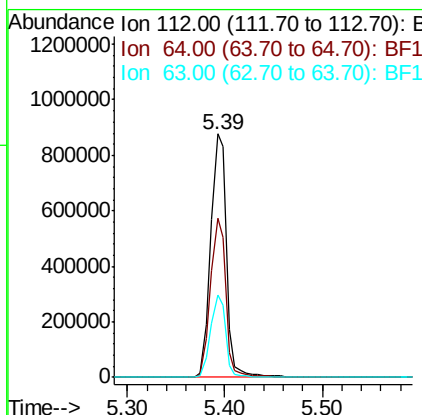
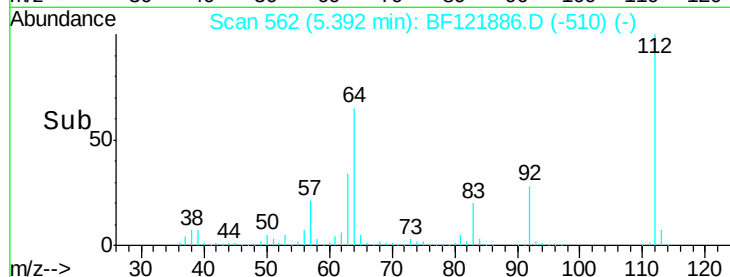
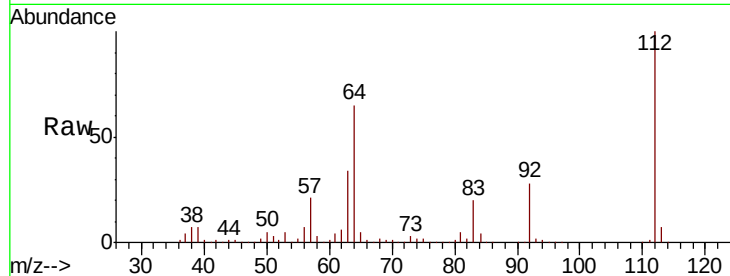
#5
2-Fluorophenol
Concen: 100.381 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:	112	Resp:	987262
Ion Ratio	Lower	Upper	
112	100		
64	65.4	50.4	75.6
63	33.7	25.8	38.6

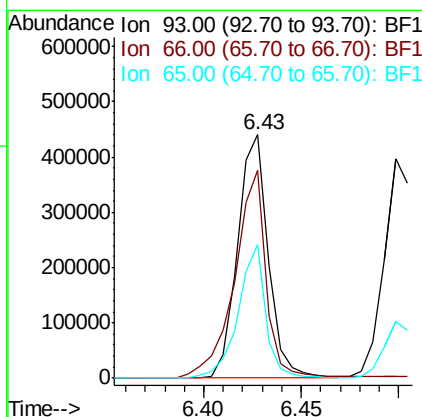
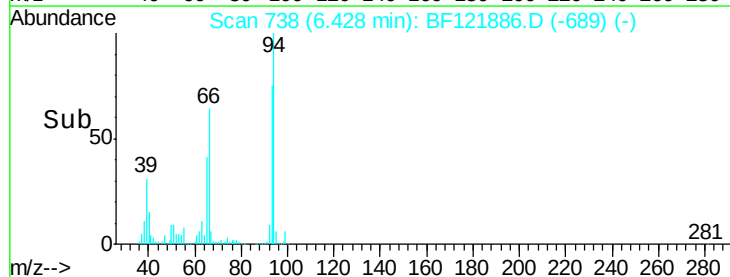
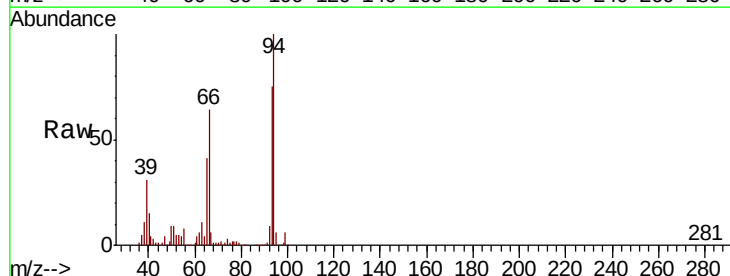
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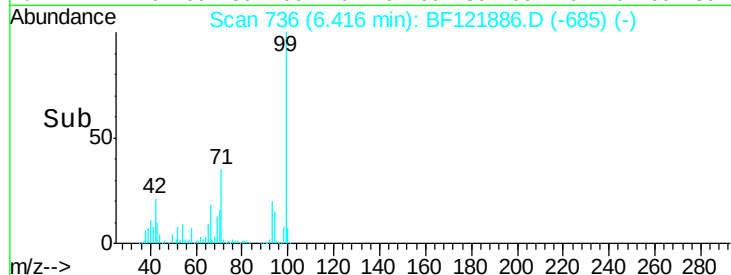
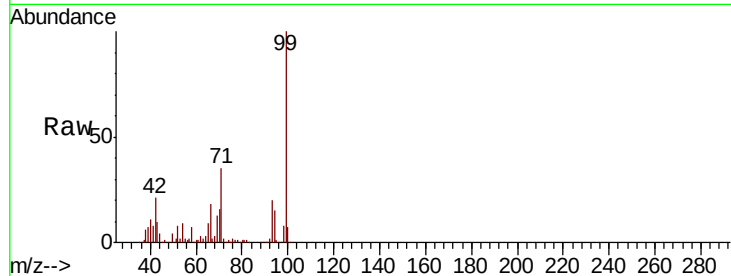
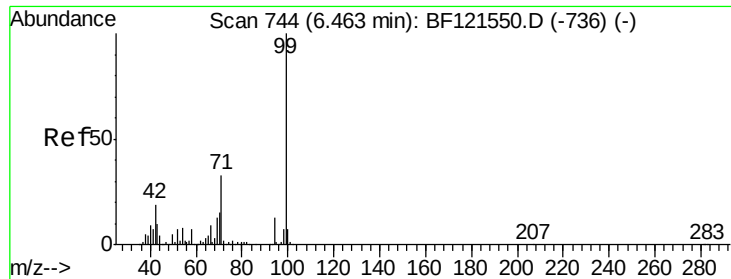
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#6
Aniline
Concen: 28.537 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:	93	Resp:	479562
Ion Ratio	Lower	Upper	
93	100		
66	85.1	32.7	49.1#
65	54.7	16.6	24.8#





#7

Phenol-d6

Concen: 97.129 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tot Ion:	99	Resp:	1253258
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.9	23.9
71	35.2	27.1	40.7

Instrument :

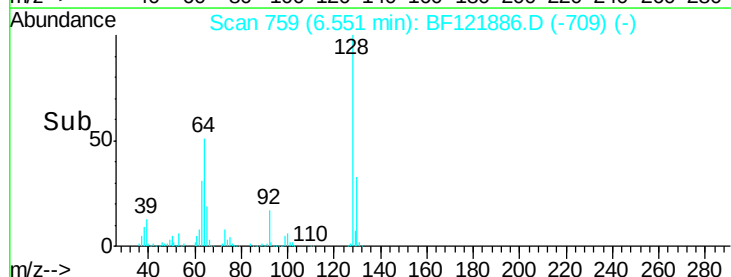
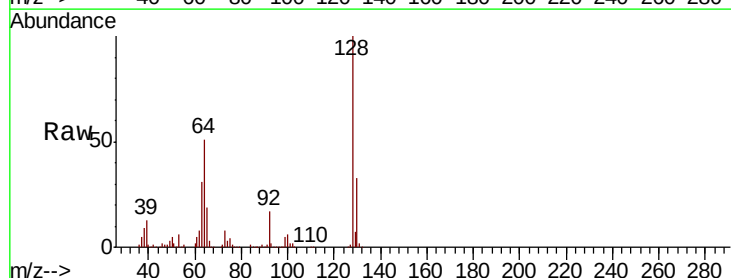
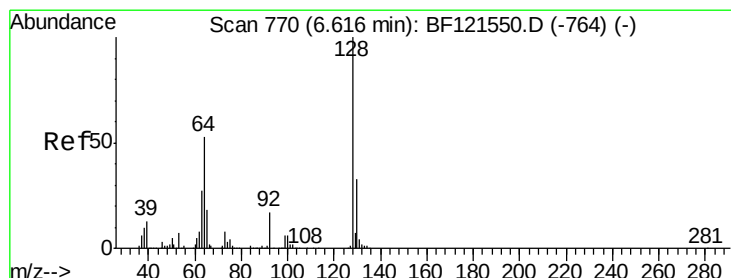
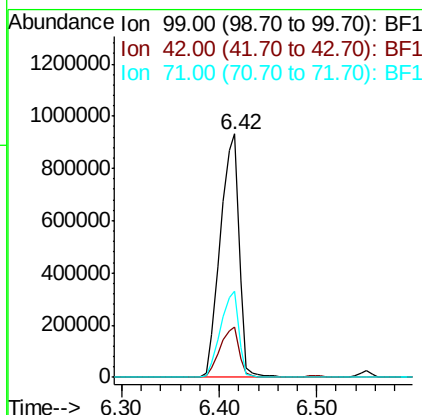
BNA_F

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PB132200BS

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#8

2-Chlorophenol

Concen: 40.417 ng

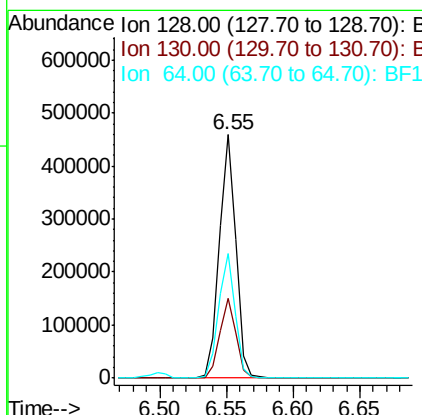
RT: 6.55 min Scan# 759

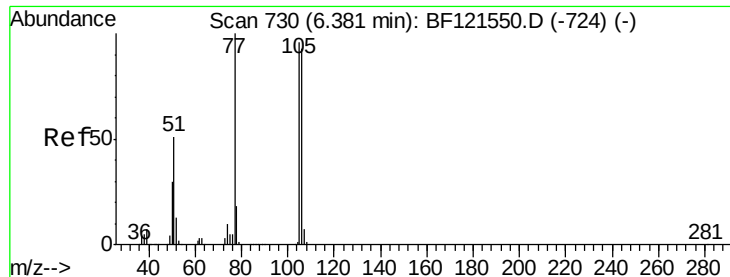
Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:	128	Resp:	404718
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	51.2	34.8	74.8





#9

Benzaldehyde

Concen: 16.832 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion: 77 Resp: 141978

Ion Ratio Lower Upper

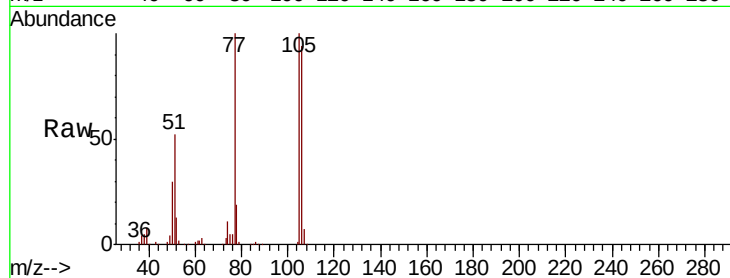
77 100

105 99.7 76.7 116.7

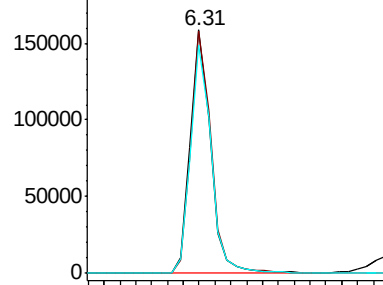
106 93.5 71.3 111.3

Manual Integrations
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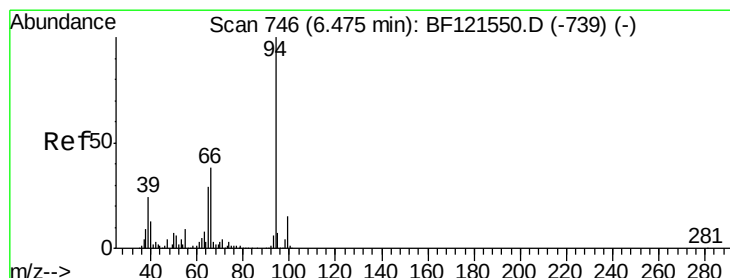
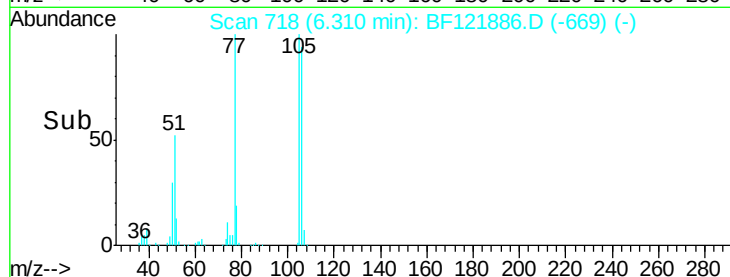
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 35.377 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

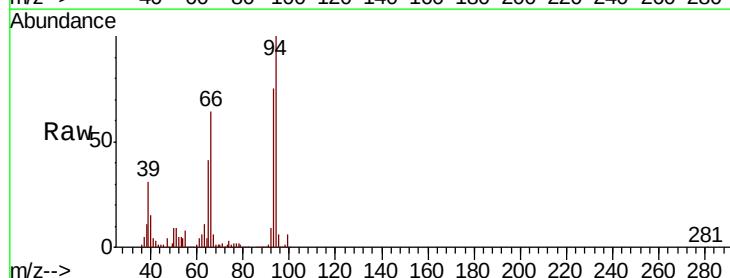
Tgt Ion: 94 Resp: 486087

Ion Ratio Lower Upper

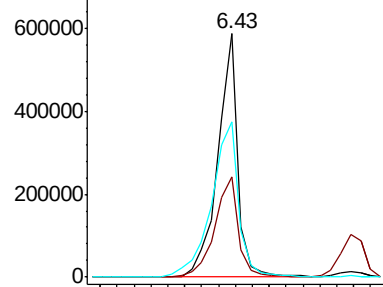
94 100

65 41.0 17.1 57.1

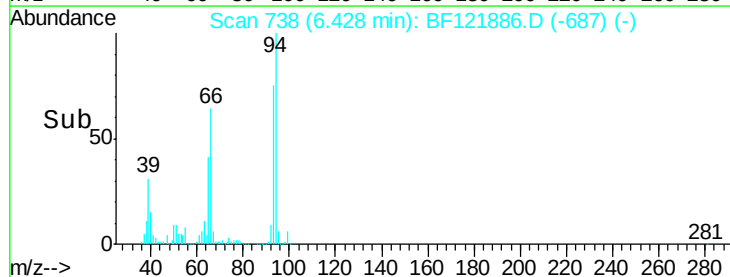
66 63.8 36.0 76.0

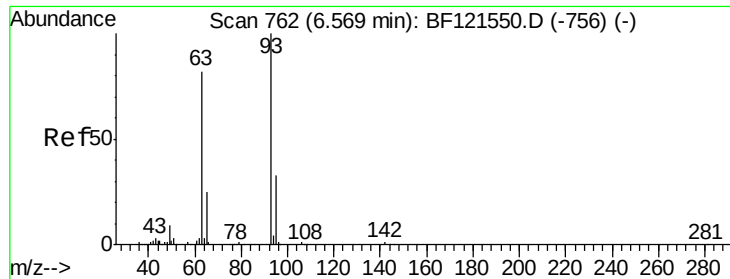


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





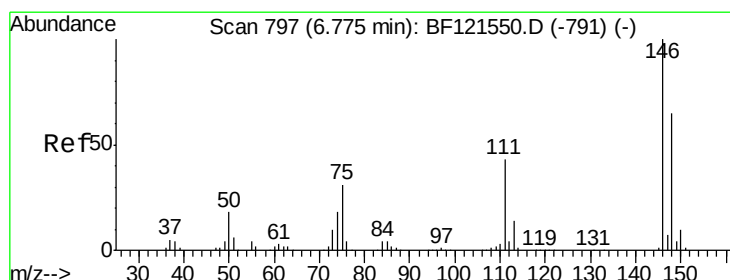
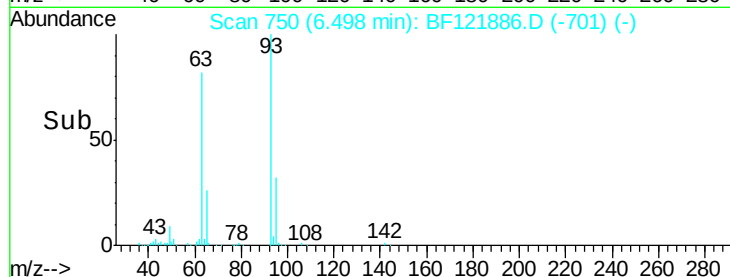
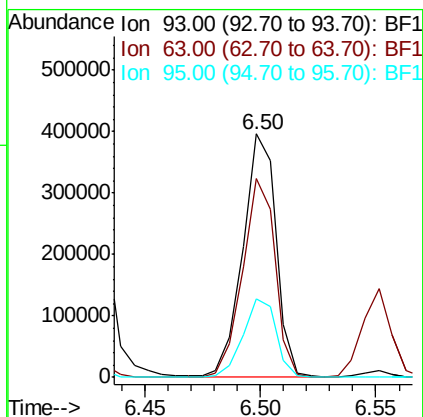
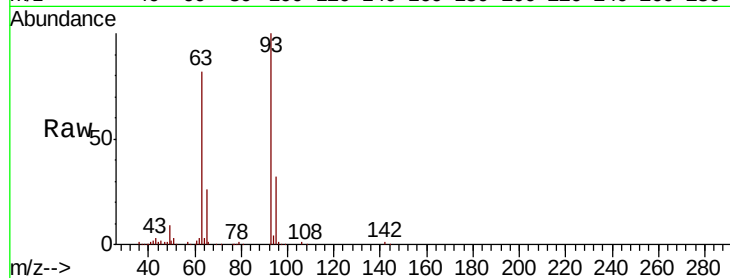
#11
bis(2-Chloroethyl)ether
Concen: 38.525 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	62.4	102.4
95	32.4	12.6	52.6

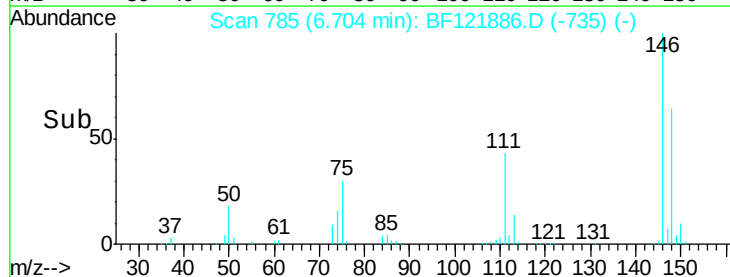
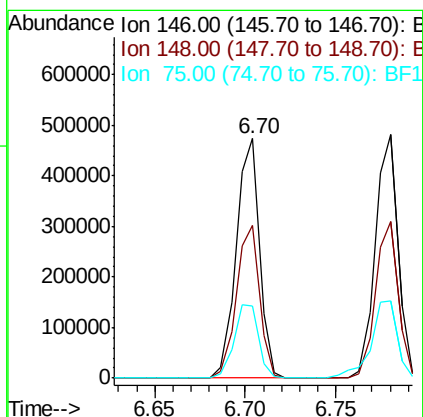
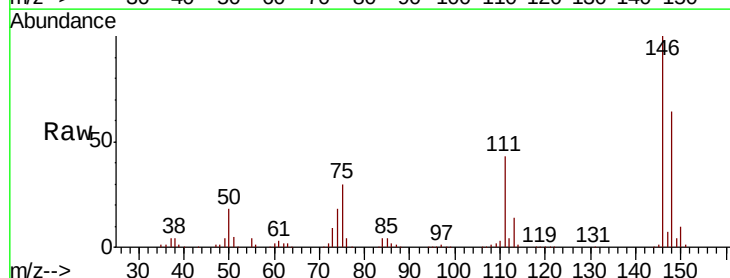
Manual Integrations
APPROVED

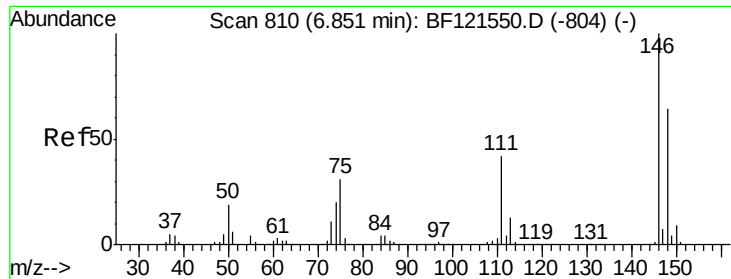
mohammad
10/12/2020 11:31:24 AM



#12
1,3-Dichlorobenzene
Concen: 37.732 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	30.1	27.6	41.4





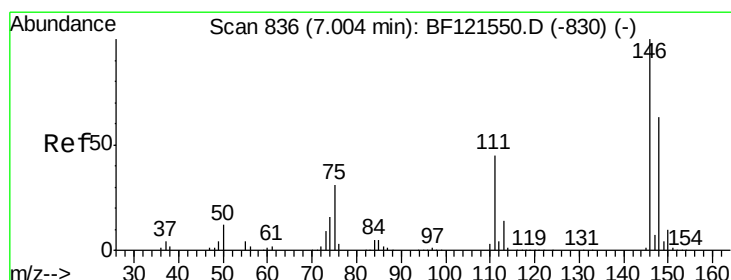
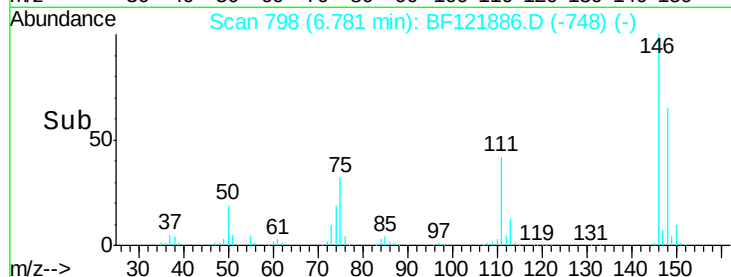
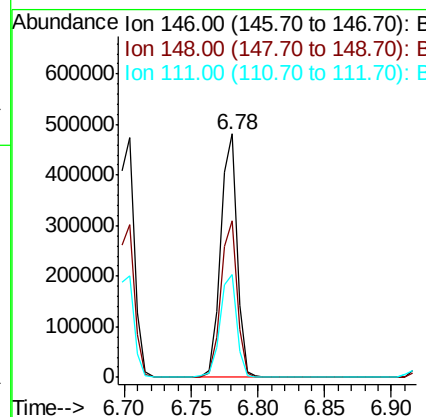
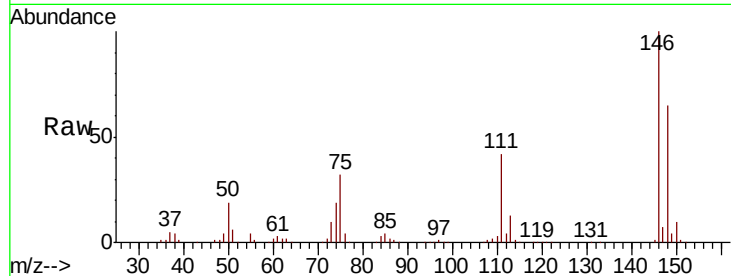
#13
1,4-Dichlorobenzene
Concen: 37.617 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.1	75.1
111	42.1	34.6	52.0

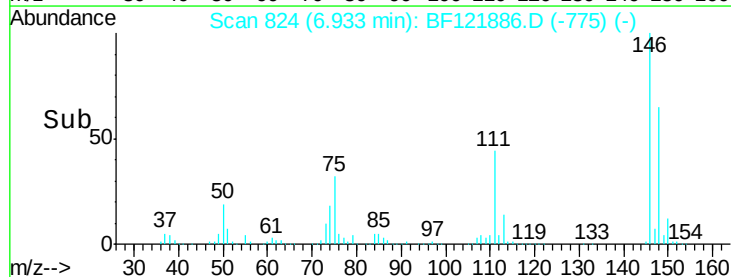
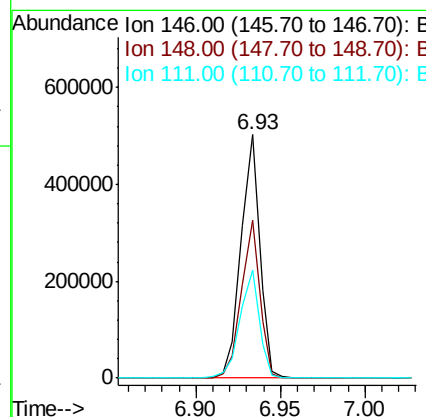
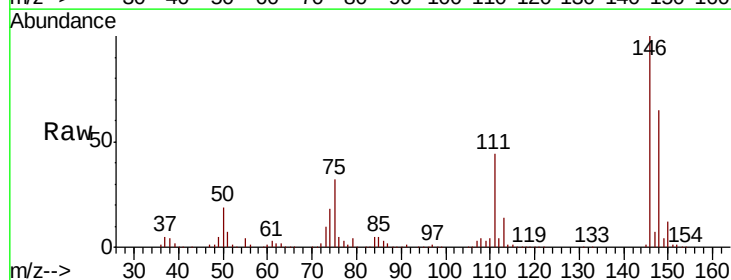
Manual Integrations
APPROVED

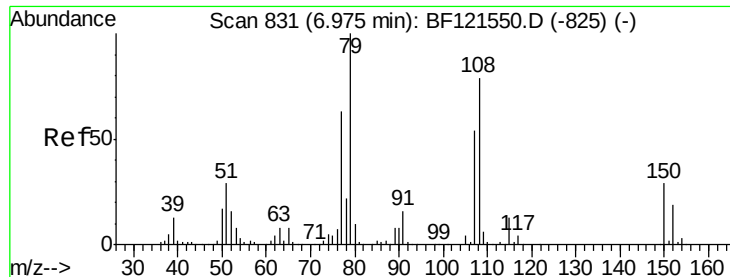
mohammad
10/12/2020 11:31:24 AM



#14
1,2-Dichlorobenzene
Concen: 37.719 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	44.4	34.2	51.4





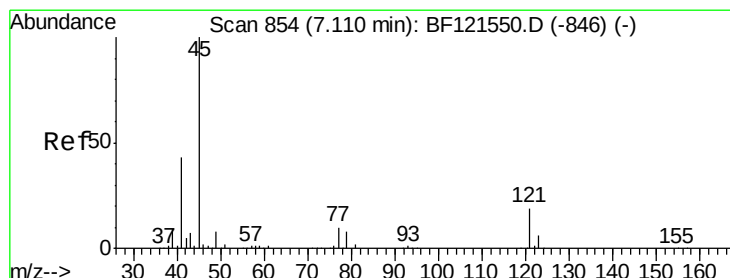
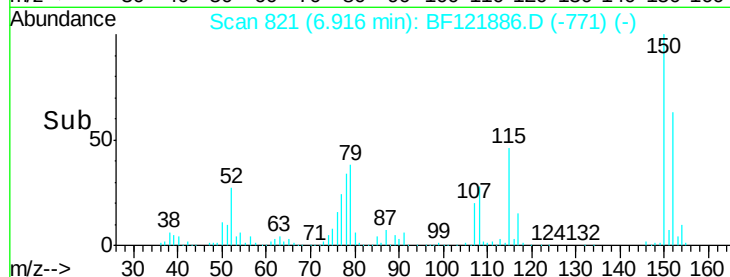
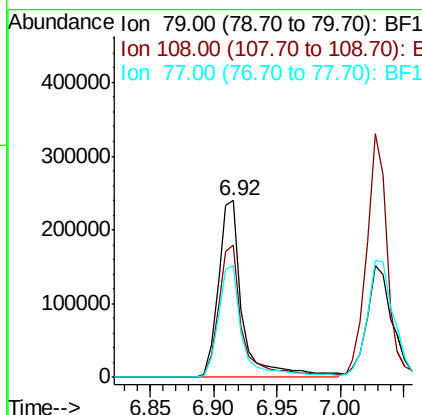
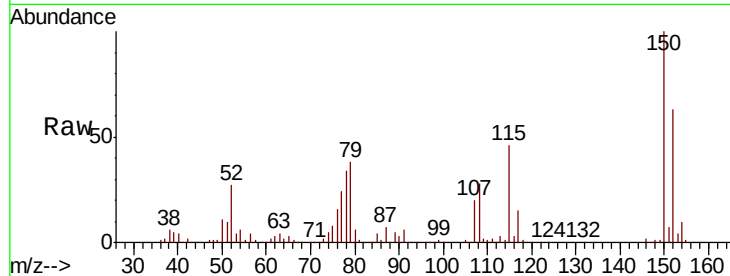
#15
Benzyl Alcohol
Concen: 36.443 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampled :
PB132200BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.6	62.3	93.5
77	63.0	50.6	75.8

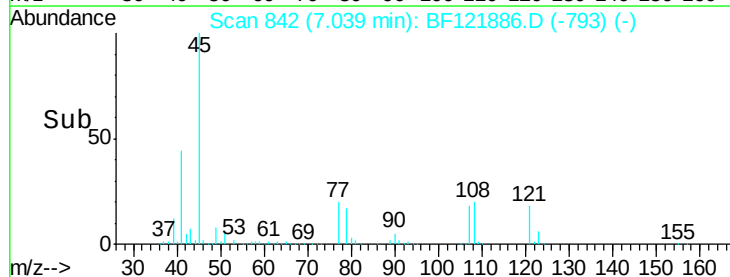
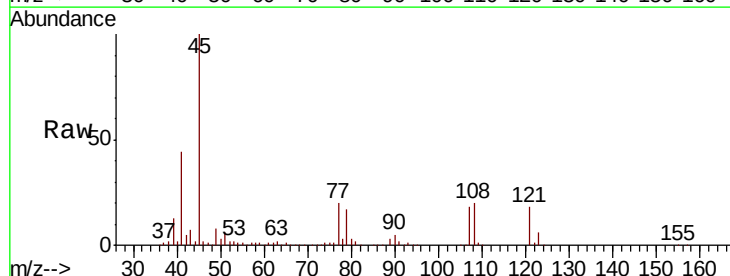
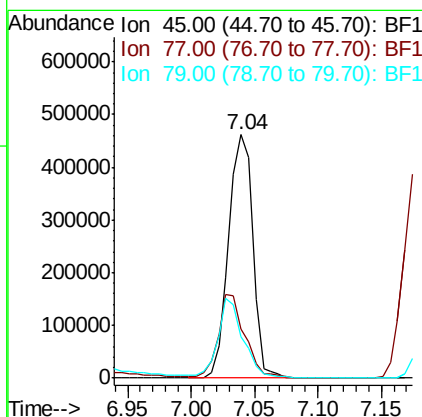
Manual Integrations
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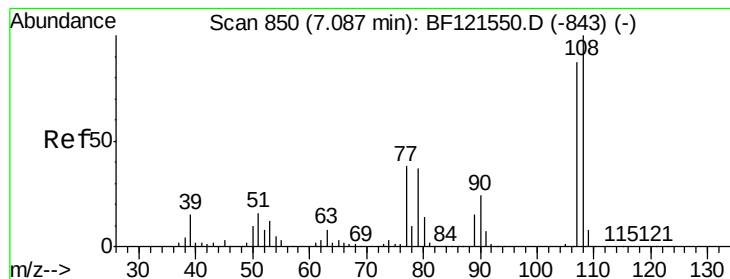
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.446 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	33.3
79	17.0	0.0	30.4





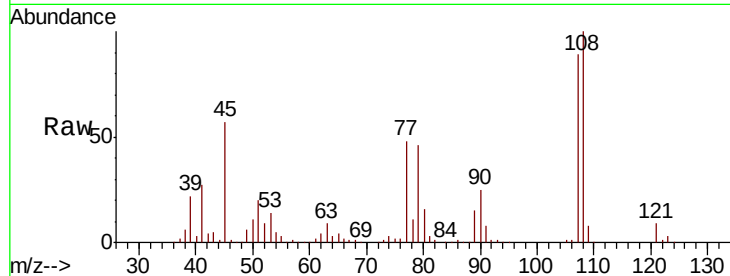
#17
2-Methylphenol
Concen: 38.741 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	54.1	37.5	56.3
79	52.0	37.4	56.0

Manual Integrations
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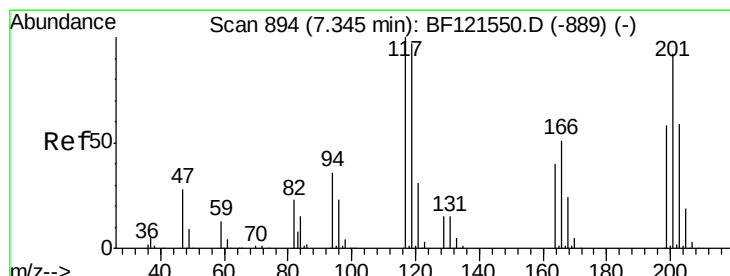
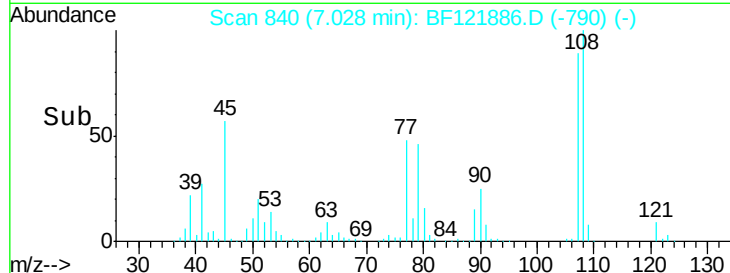
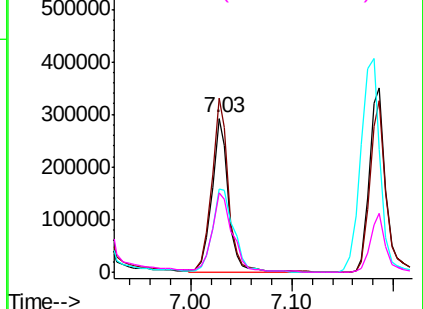
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.866 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

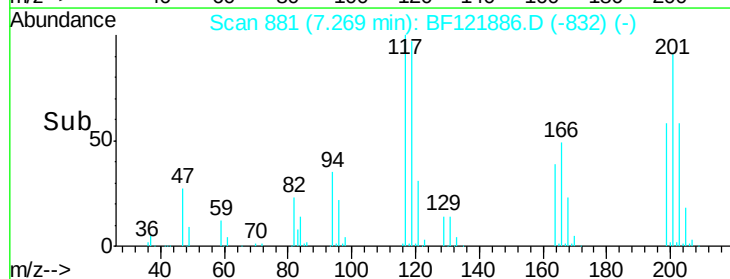
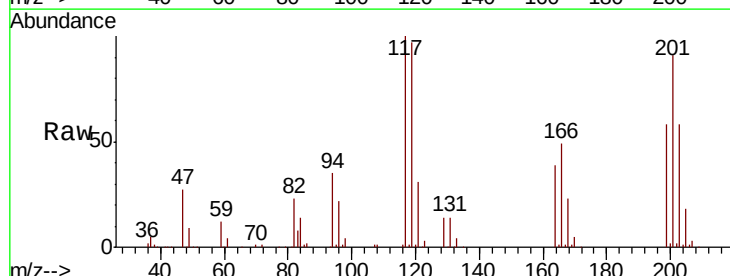
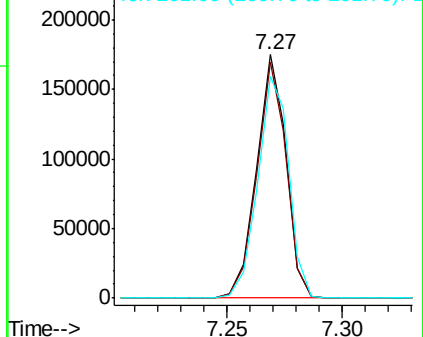
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	90.9	71.8	107.6

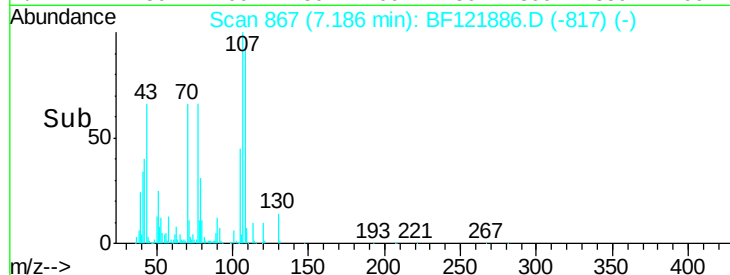
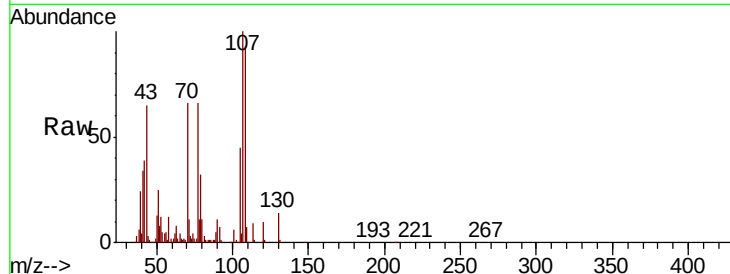
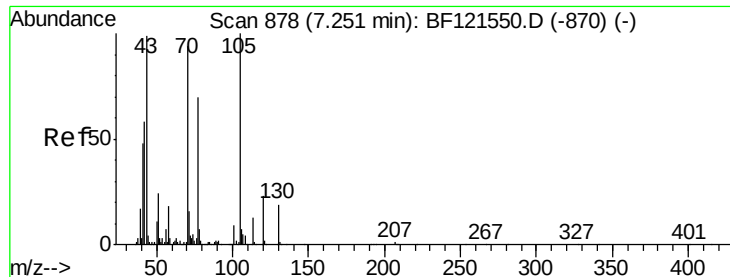
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





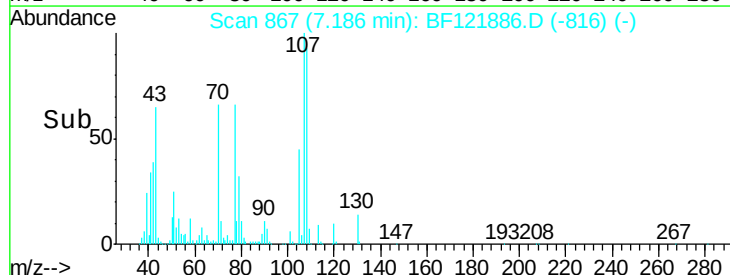
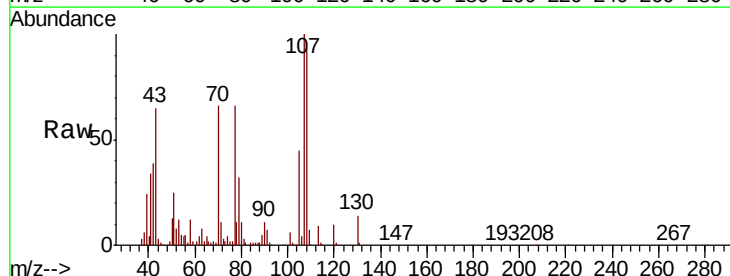
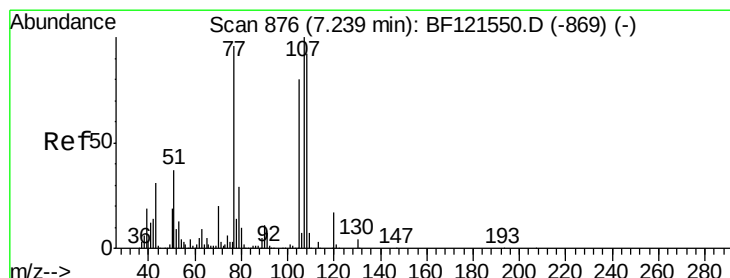
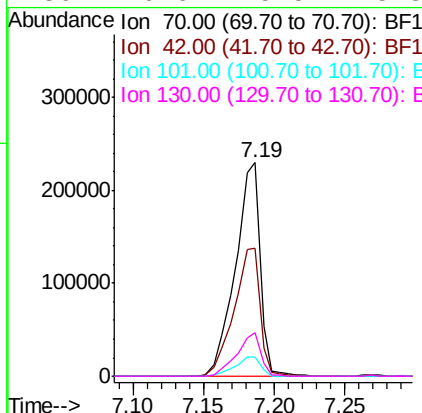
#19
n-Nitroso-di-n-propylamine
Concen: 37.861 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	50.2	75.4
101	9.3	7.5	11.3
130	20.6	15.5	23.3

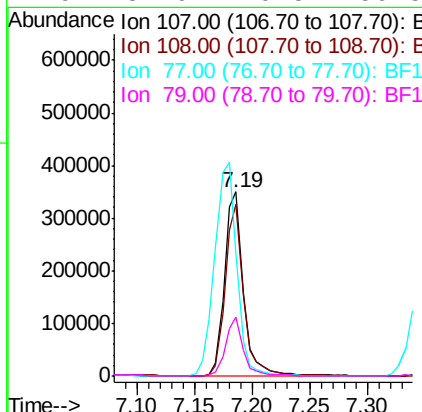
Manual Integrations
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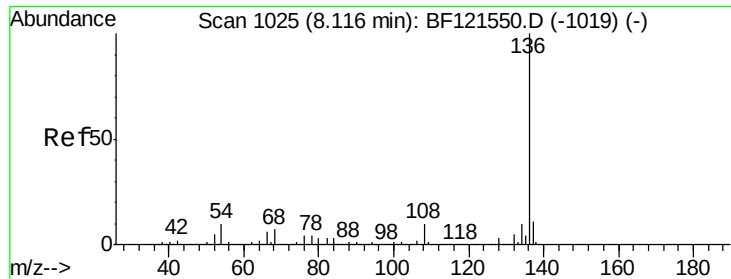
mohammad
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#20
3+4-Methylphenols
Concen: 38.425 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.9	108.9
77	66.4	108.0	148.0#
79	31.9	10.5	50.5





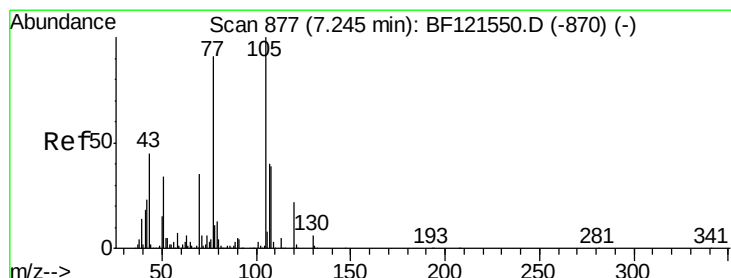
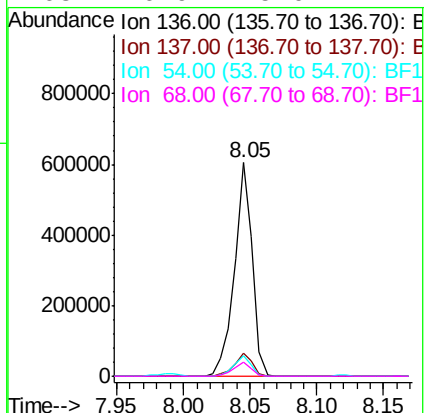
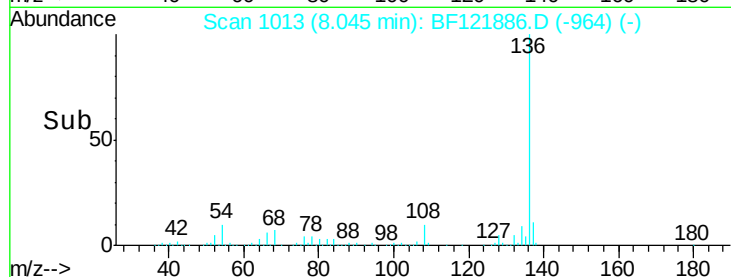
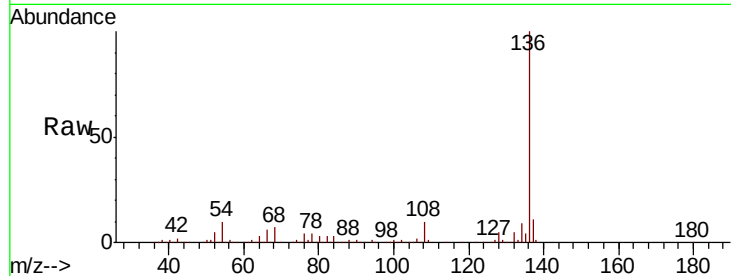
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		566752		
137	11.0	8.6	13.0		
54	9.7	7.1	10.7		
68	6.9	5.0	7.4		

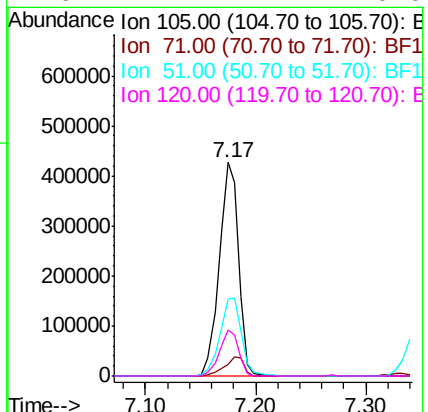
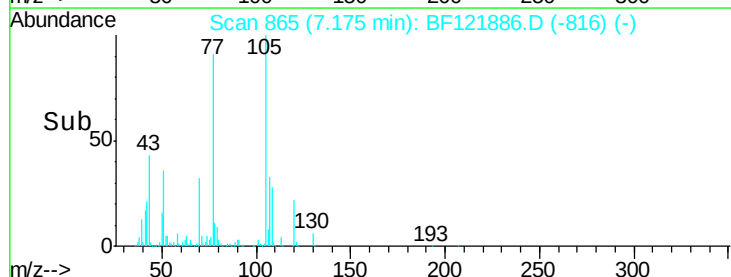
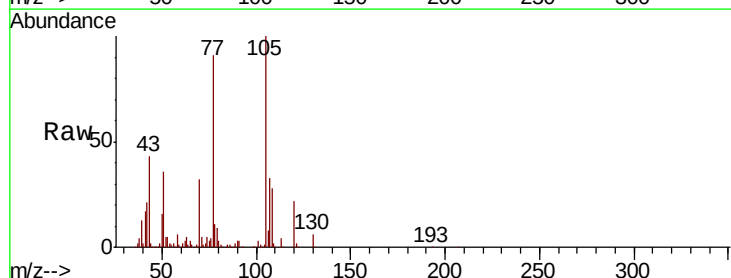
Manual Integrations
APPROVED

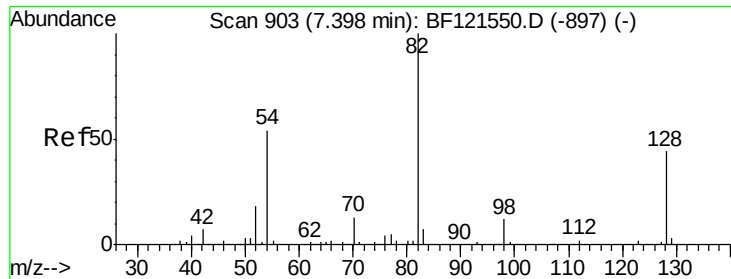
mohammad
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#22
Acetophenone
Concen: 36.155 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		519888		
71	5.4	5.3	7.9		
51	35.8	33.2	49.8		
120	21.7	17.4	26.0		





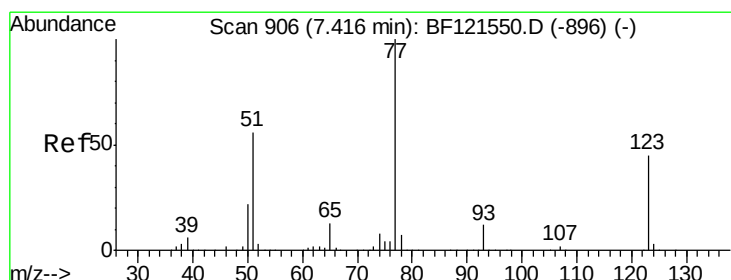
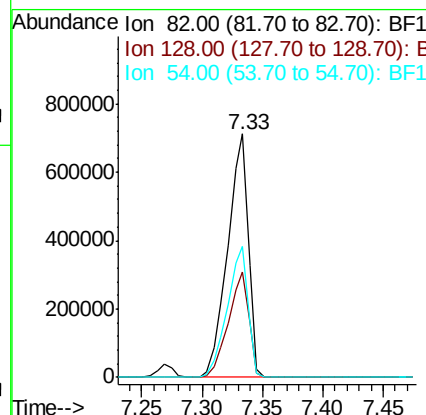
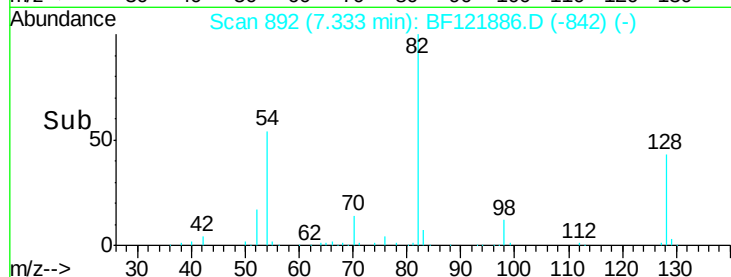
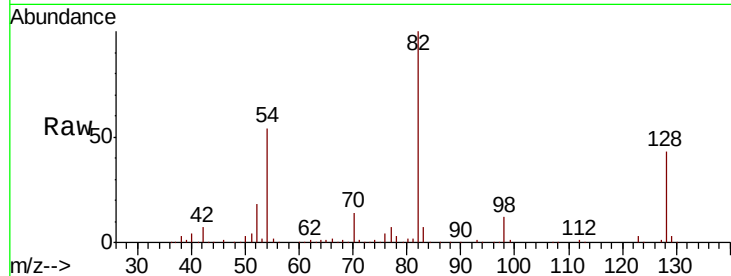
#23
Nitrobenzene-d5
Concen: 79.900 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	35.0	52.4	
54	54.0	43.9	65.9	

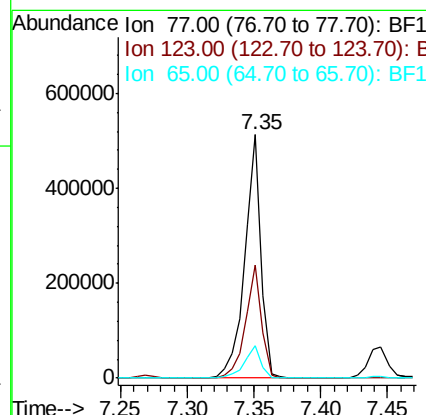
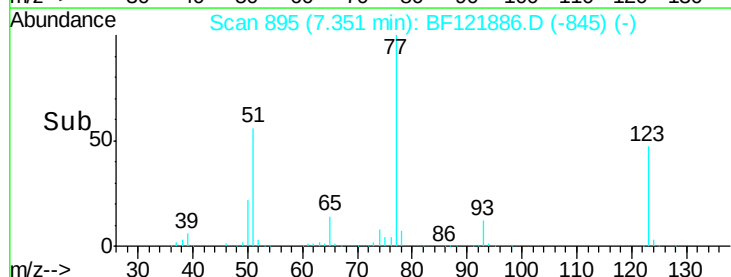
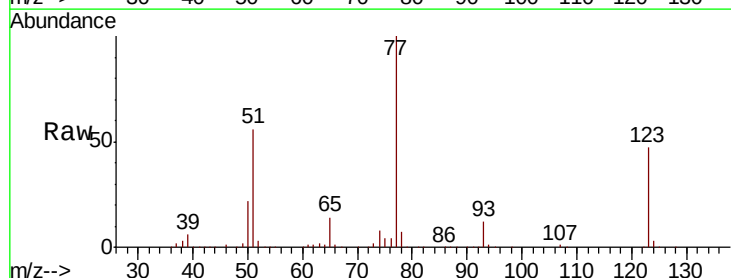
Manual Integrations
APPROVED

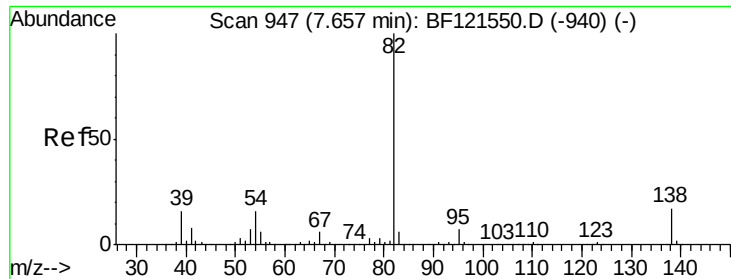
mohammad
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#24
Nitrobenzene
Concen: 37.868 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.7	35.6	53.4	
65	13.6	11.2	16.8	





#25

Isophorone

Concen: 36.845 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

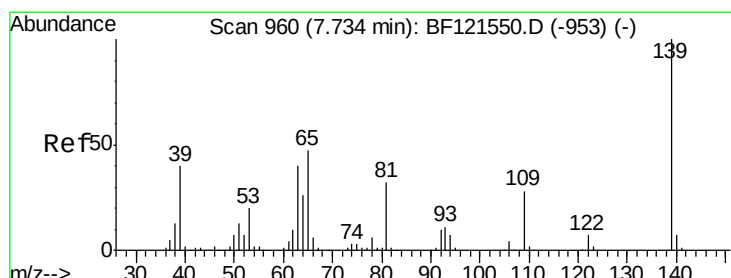
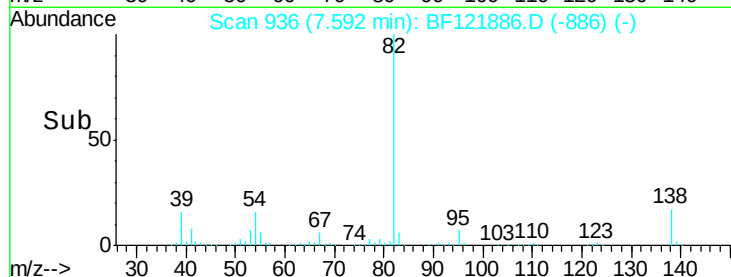
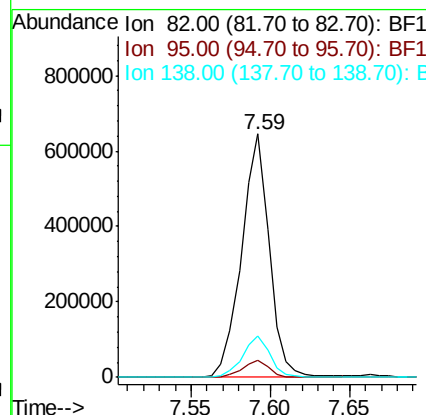
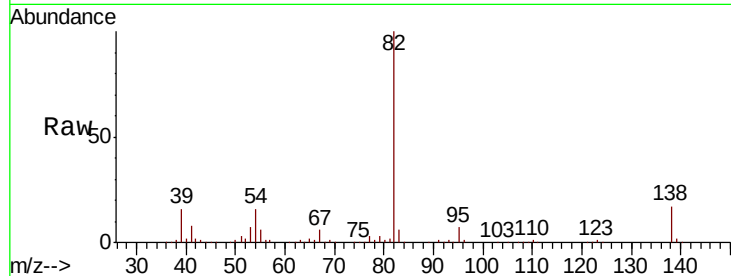
ClientSampleId :

PB132200BS

Tot Ion	82	Resp	782910
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.0
138	16.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 39.882 ng

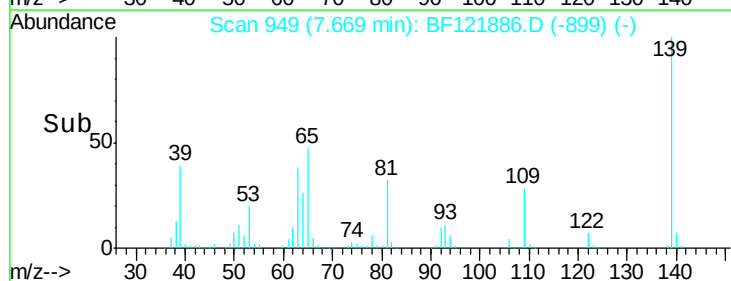
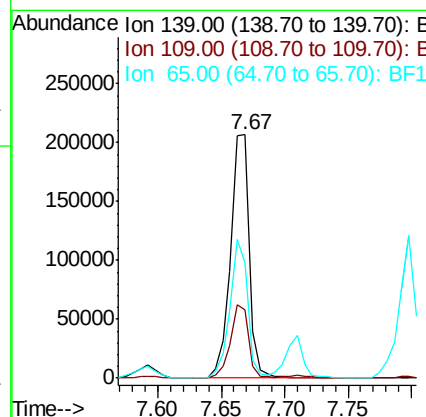
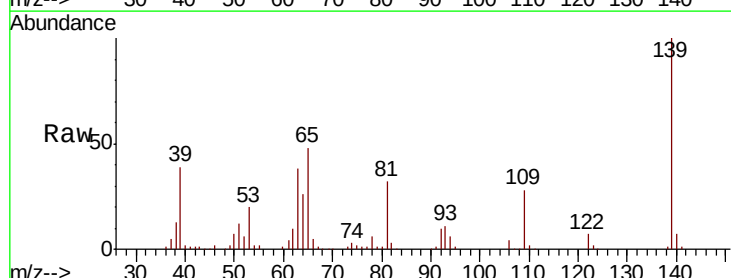
RT: 7.67 min Scan# 949

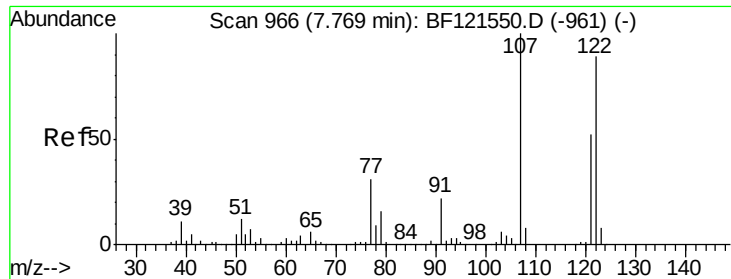
Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion	139	Resp	211891
Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.0	34.4
65	47.5	39.9	59.9





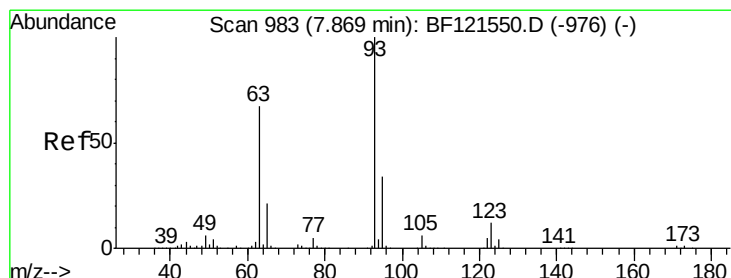
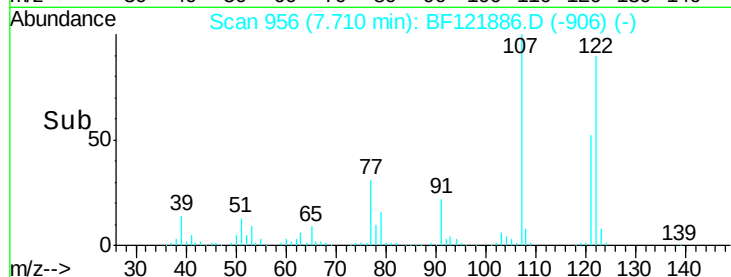
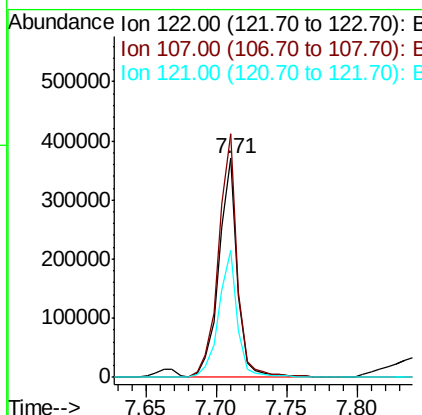
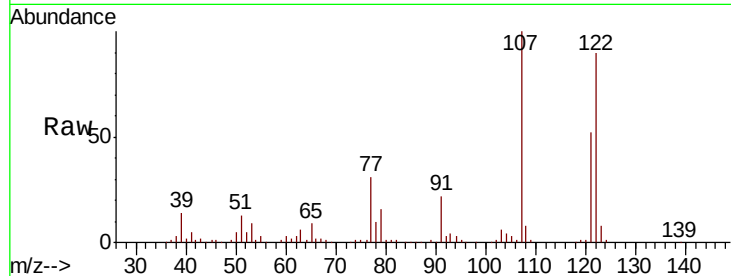
#27
2,4-Dimethylphenol
Concen: 35.466 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampled :
PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	336391		
107	111.2	90.8	136.2	
121	57.8	47.5	71.3	

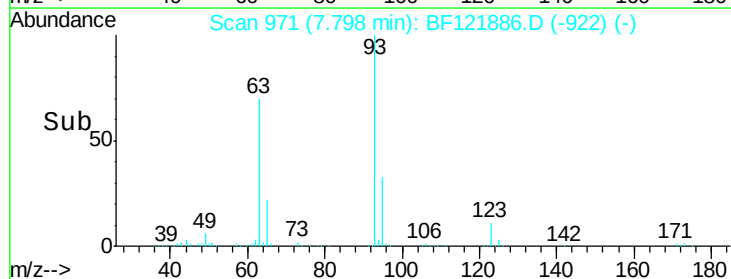
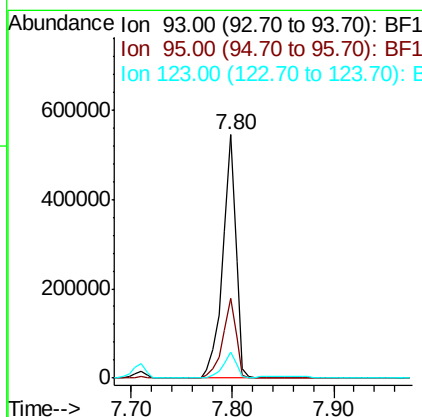
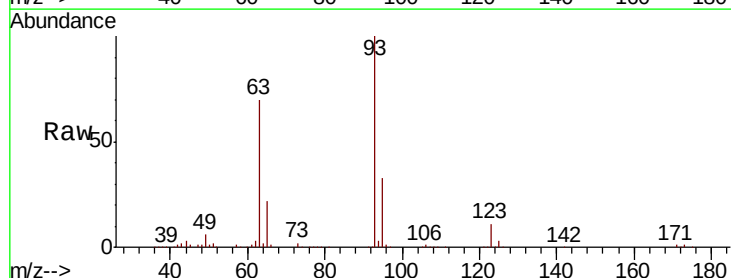
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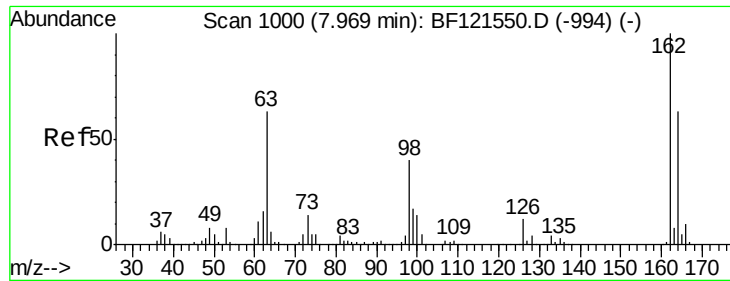
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.391 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	491864		
95	32.9	26.2	39.4	
123	10.7	8.8	13.2	





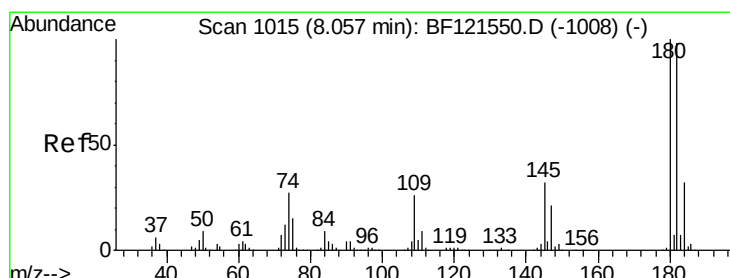
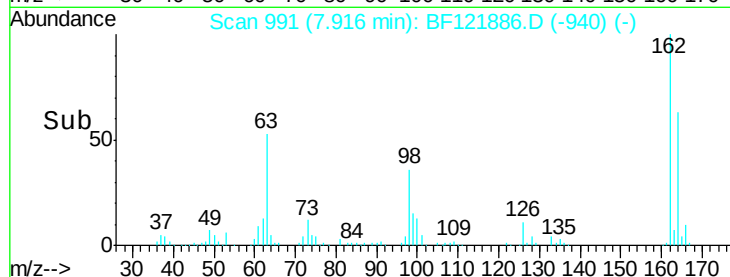
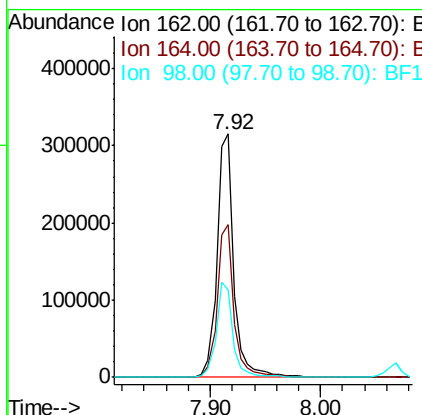
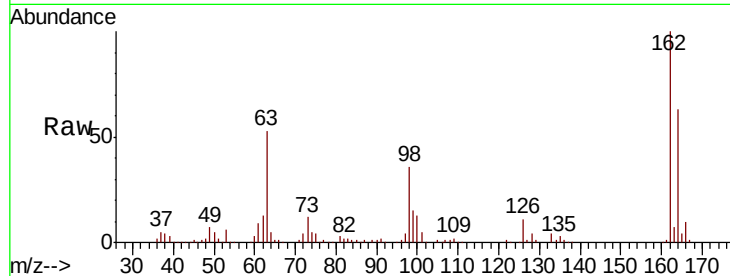
#29
2,4-Dichlorophenol
Concen: 38.392 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.0	42.5	82.5		
98	36.2	20.1	60.1		

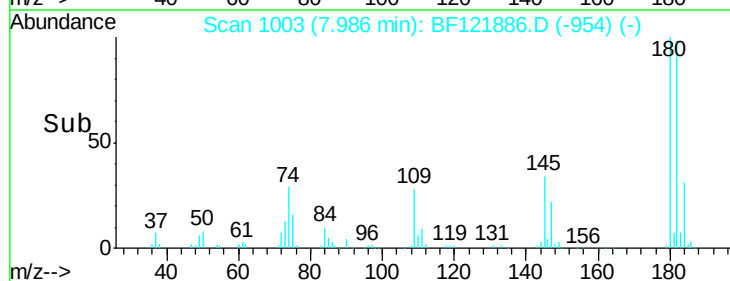
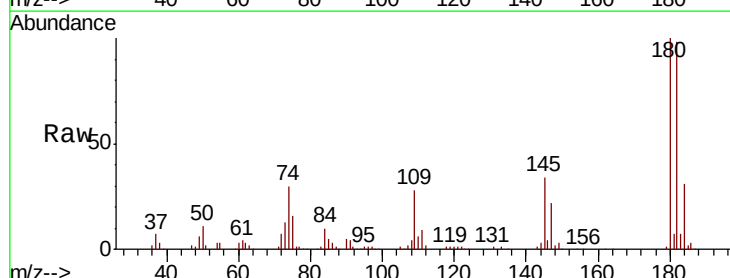
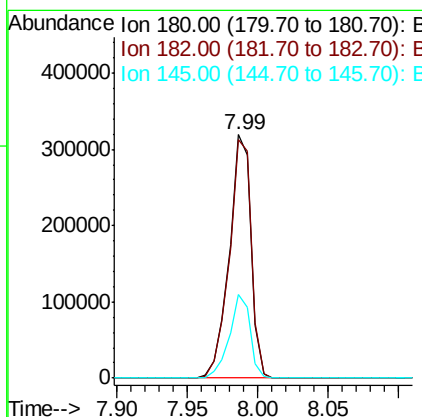
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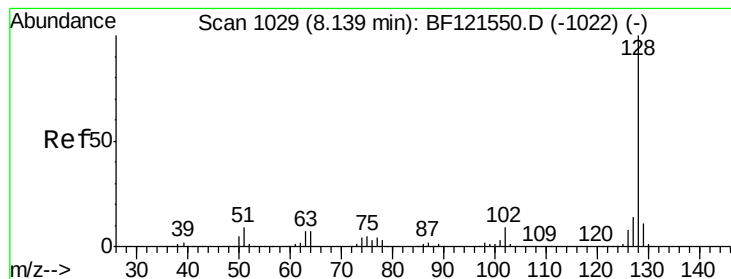
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#30
1,2,4-Trichlorobenzene
Concen: 37.547 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	97.9	79.4	119.2		
145	34.5	25.5	38.3		





#31

Naphthalene

Concen: 37.284 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion:128 Resp: 1115457

Ion Ratio Lower Upper

128 100

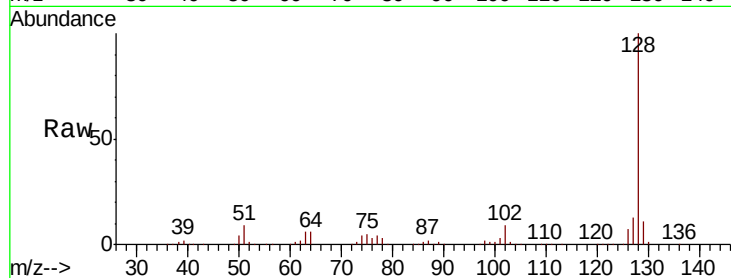
129 11.1 8.7 13.1

127 13.4 10.8 16.2

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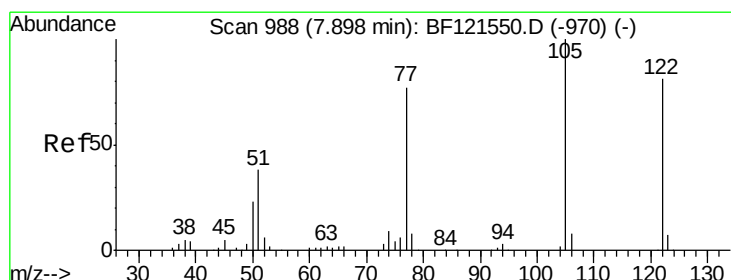
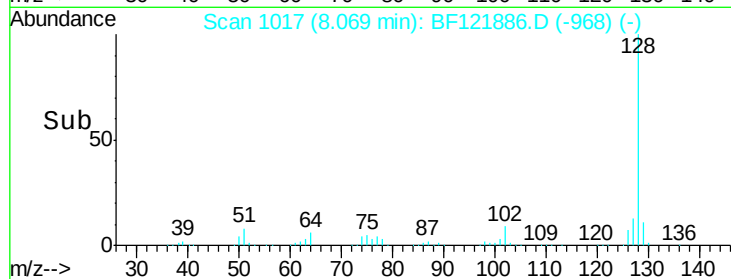
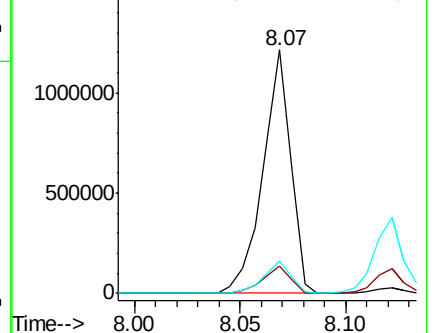
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.949 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

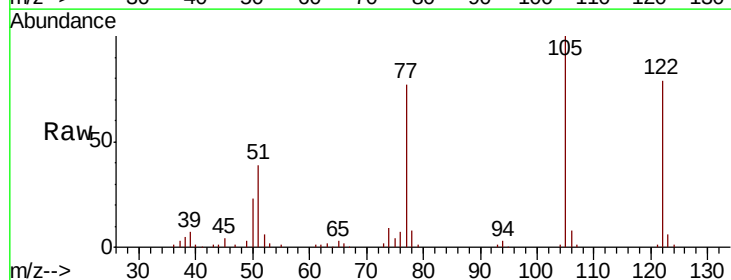
Tgt Ion:122 Resp: 165546

Ion Ratio Lower Upper

122 100

105 126.2 103.3 143.3

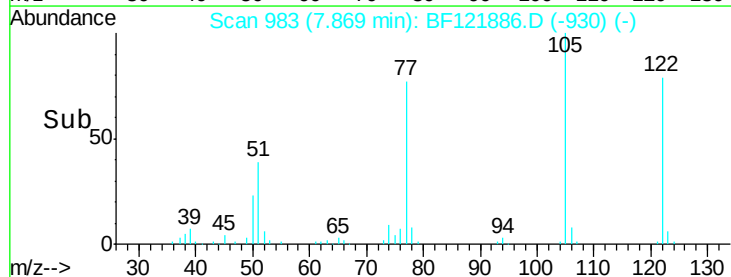
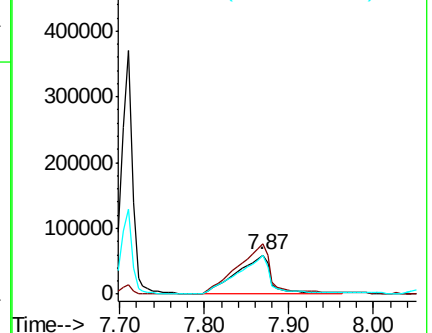
77 97.6 73.9 113.9

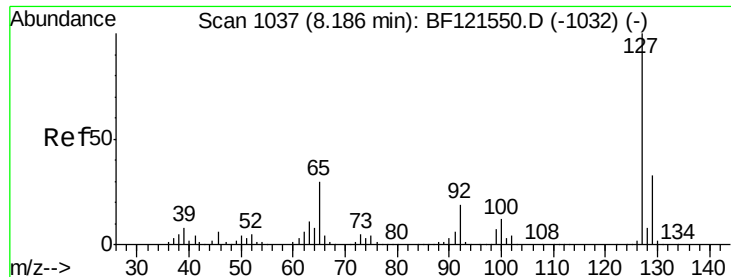


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





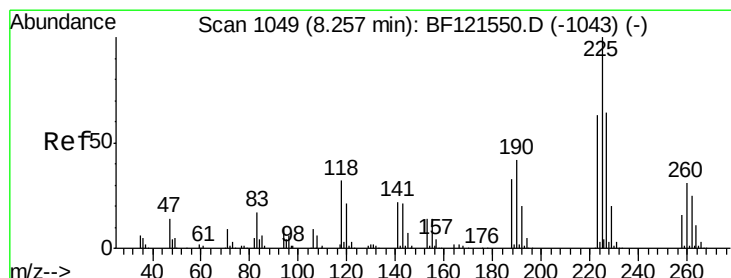
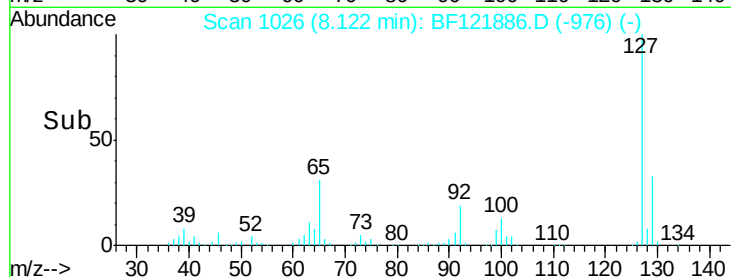
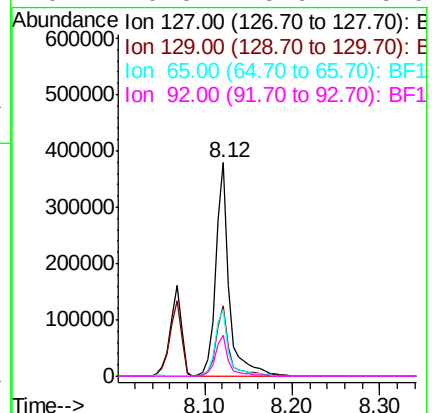
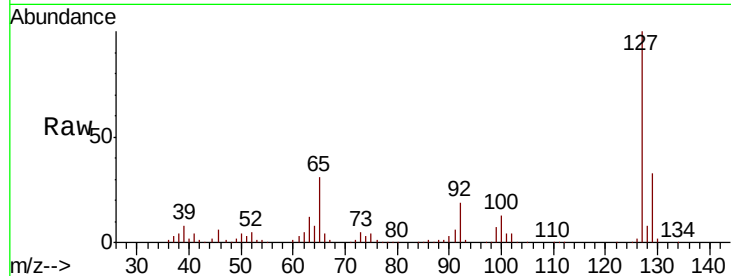
#33
4-Chloroaniline
Concen: 31.122 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.3	39.5	
65	31.4	26.2	39.2	
92	19.3	15.9	23.9	

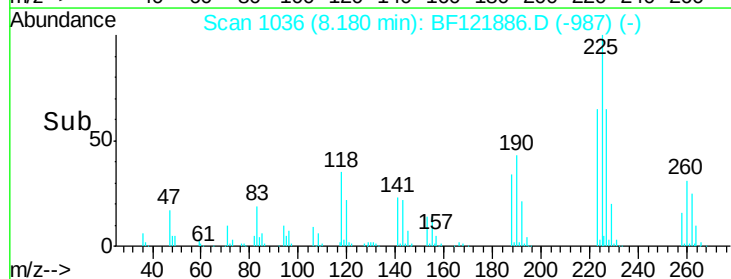
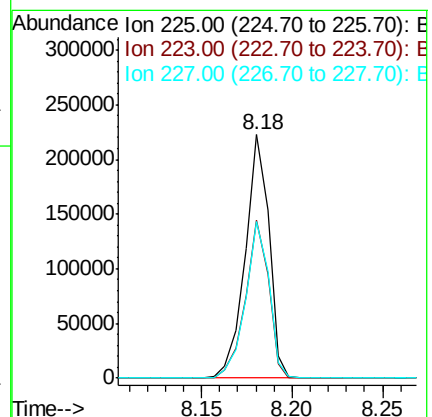
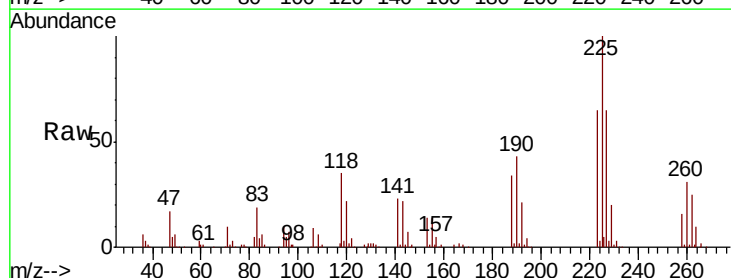
Manual Integrations
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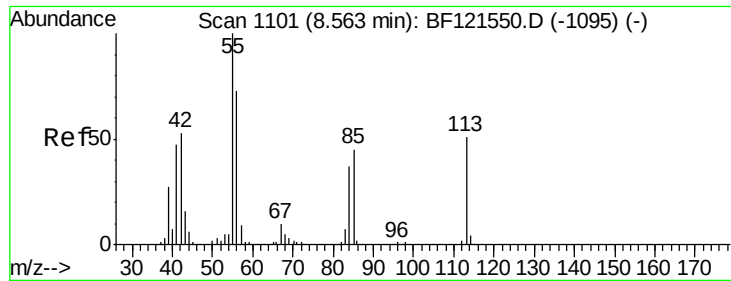
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#34
Hexachlorobutadiene
Concen: 38.049 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.1	51.1	76.7	
227	64.5	51.0	76.6	





#35

Caprolactam

Concen: 37.914 ng/mL

RT: 8.51 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

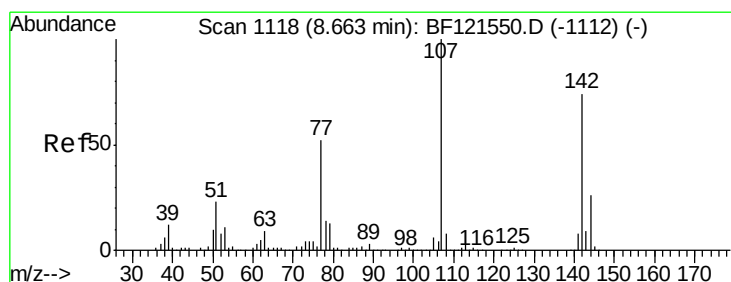
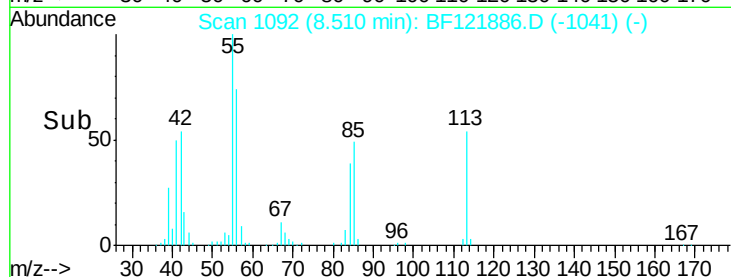
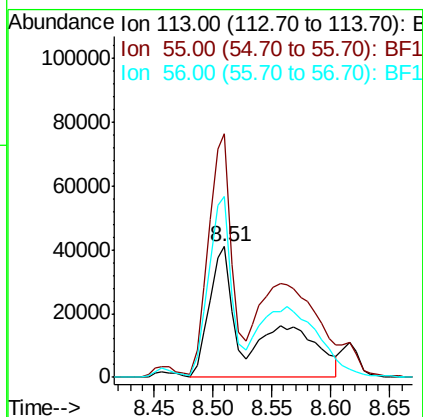
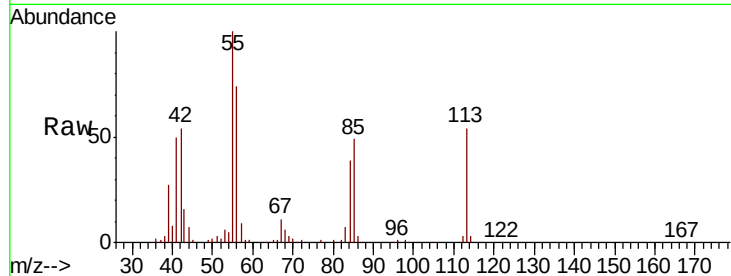
ClientSampleID :

PB132200BS

Tot Ion:	113	Resp:	109075
Ion Ratio	Lower	Upper	
113	100		
55	186.3	167.5	207.5
56	138.2	121.2	161.2

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#36

4-Chloro-3-methylphenol

Concen: 38.968 ng/mL

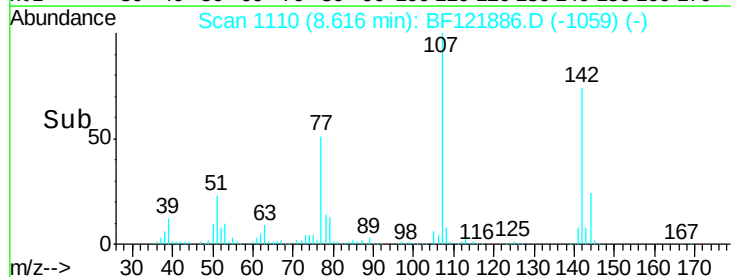
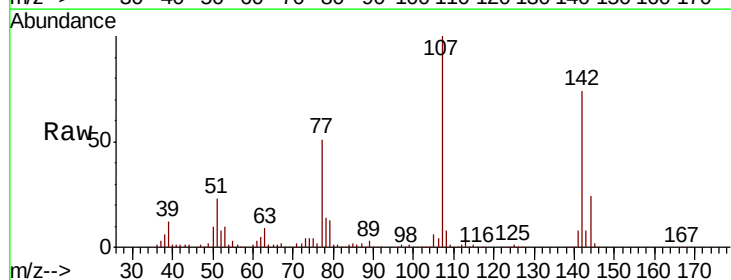
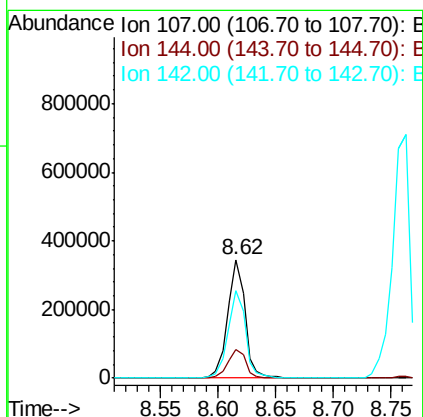
RT: 8.62 min Scan# 1110

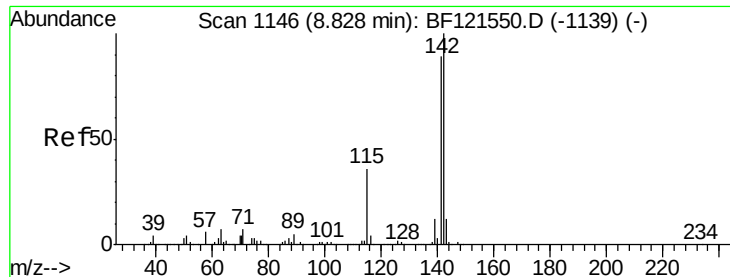
Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:	107	Resp:	362649
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.1	30.1
142	73.8	59.3	88.9





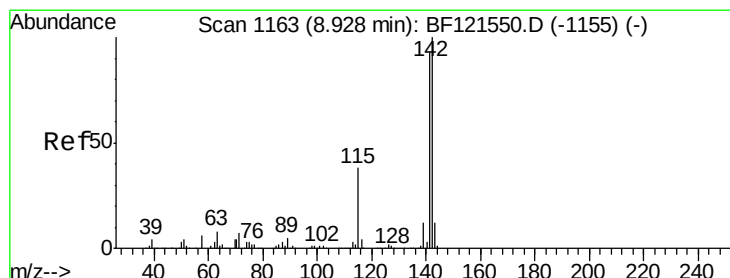
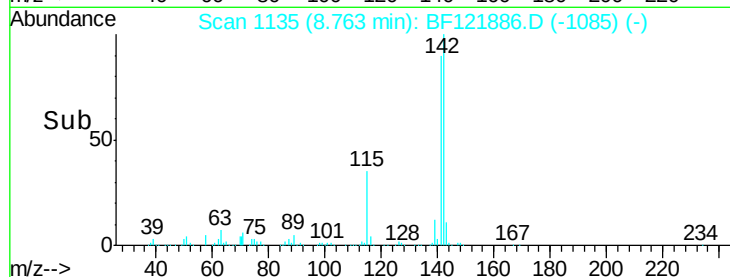
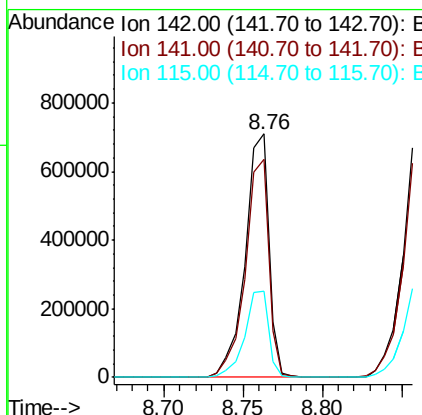
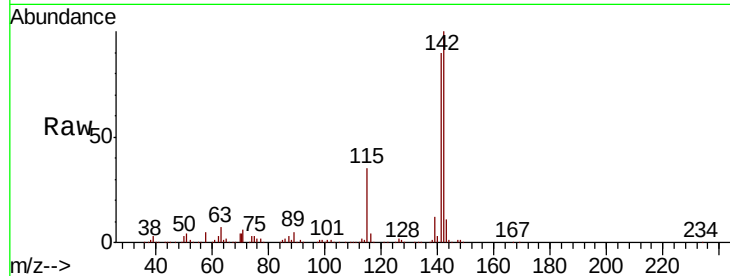
#37
2-Methylnaphthalene
Concen: 37.488 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.4
115	35.4	28.6	43.0

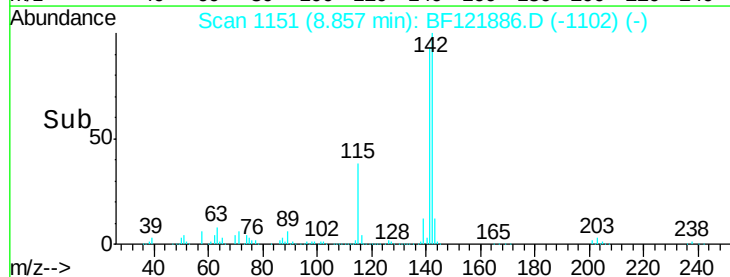
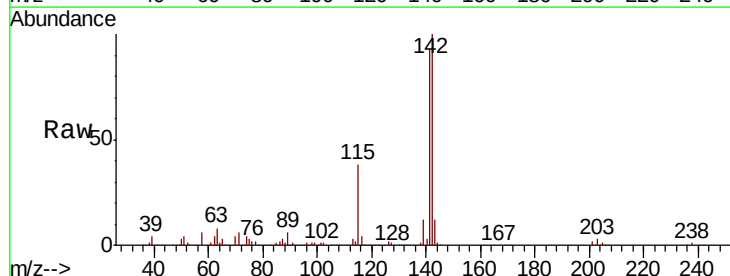
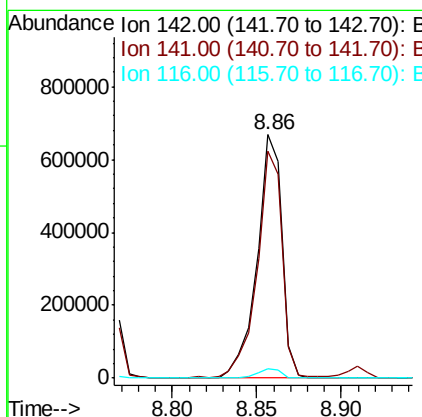
Manual Integrations
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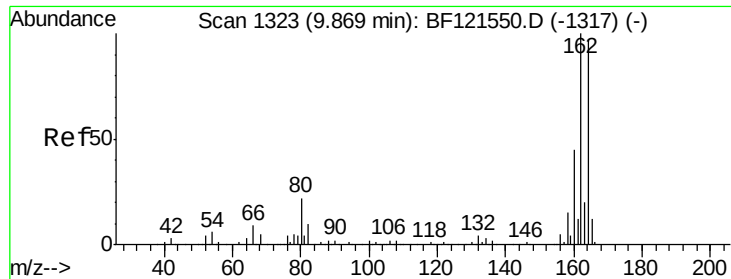
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#38
1-Methylnaphthalene
Concen: 37.524 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.5	111.7
116	4.0	3.2	4.8





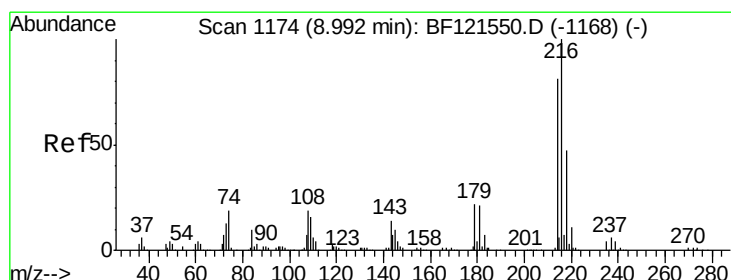
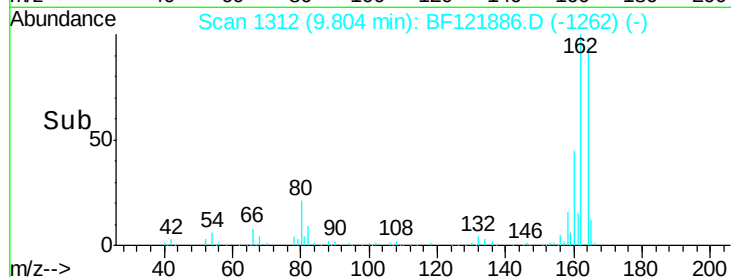
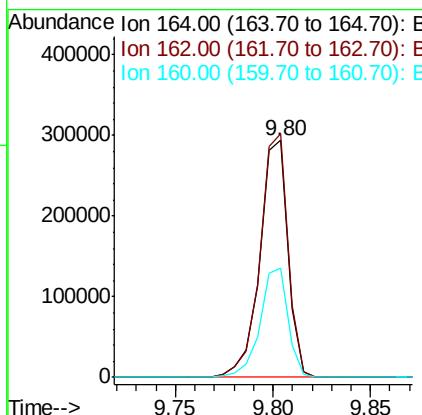
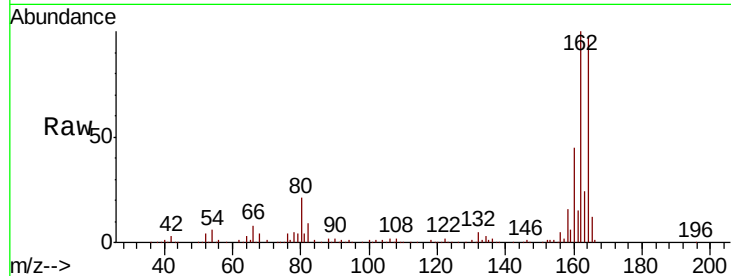
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	294062		
162	102.7	83.2	124.8	
160	46.3	37.5	56.3	

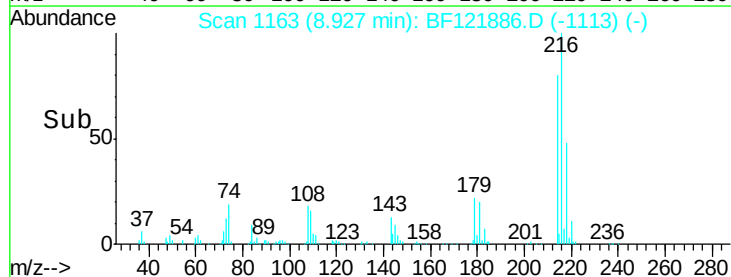
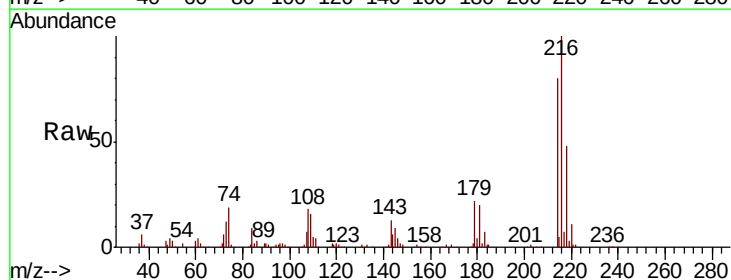
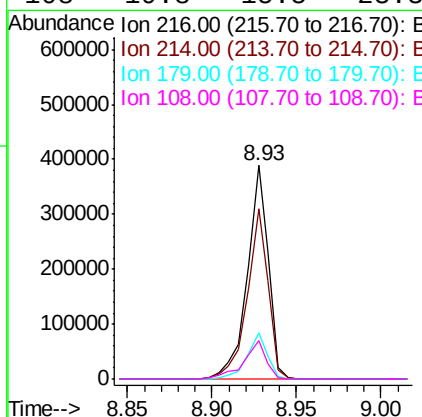
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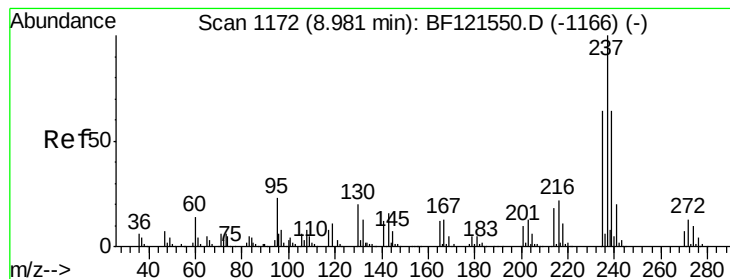
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.936 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	339277		
214	79.0	63.4	95.2	
179	20.9	17.0	25.6	
108	19.8	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 41.013 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

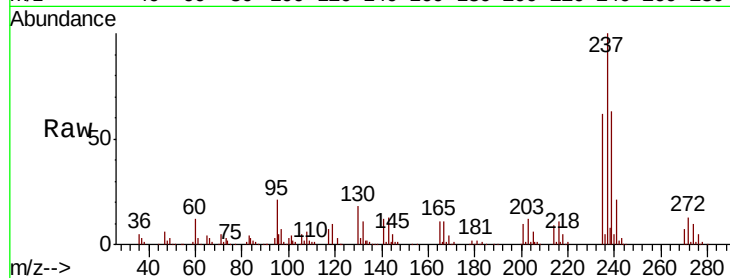
ClientSampleId :

PB132200BS

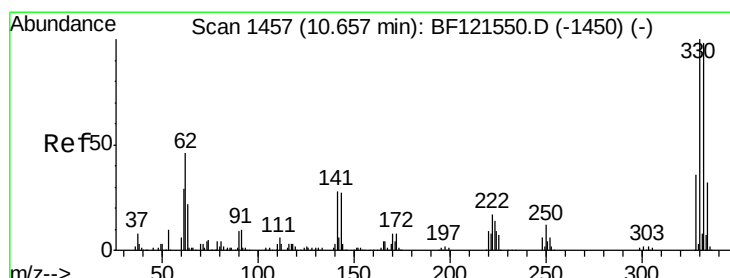
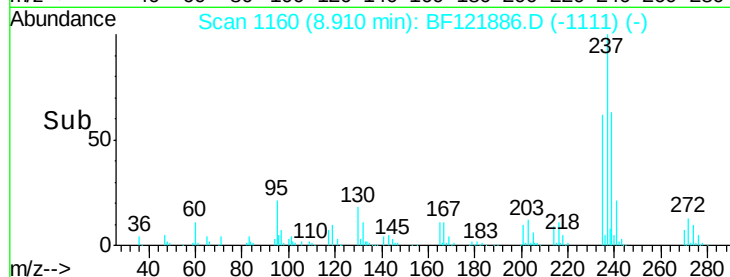
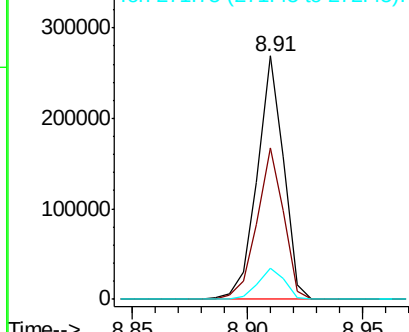
Tot Ion	Ratio	Resp	Lower	Upper
237	100	215139		
235	62.3	41.8	81.8	
272	12.8	0.0	33.5	

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



#42

2,4,6-Tribromophenol

Concen: 104.719 ng

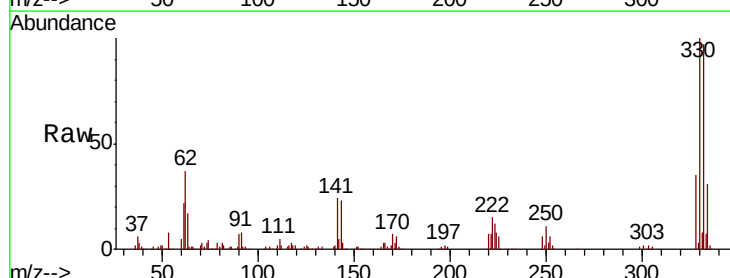
RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

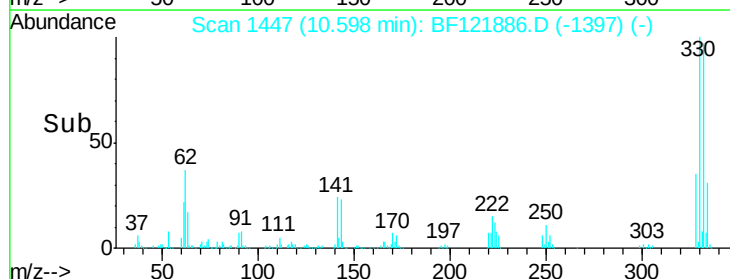
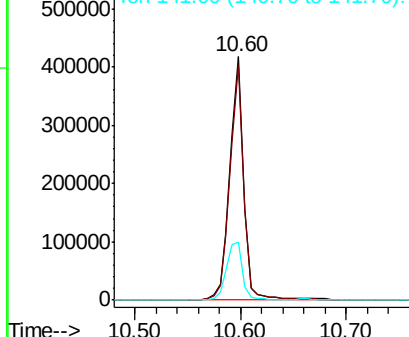
Lab File: BF121886.D

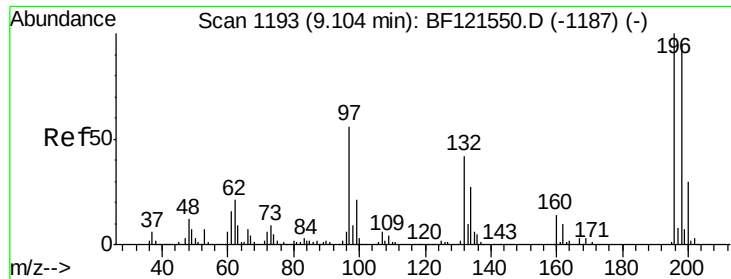
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	382725		
332	97.1	77.3	115.9	
141	27.8	22.3	33.5	



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





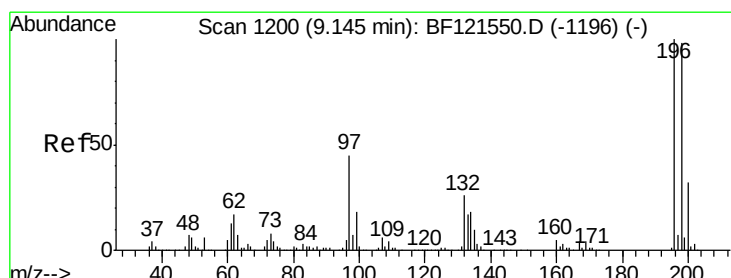
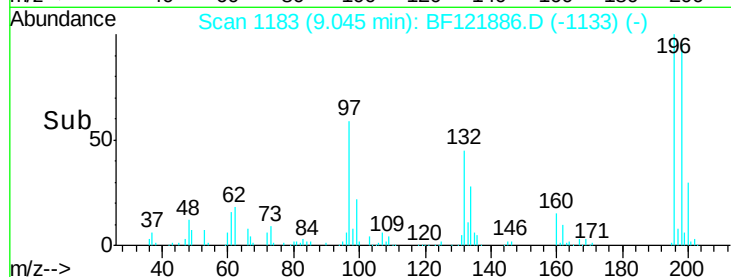
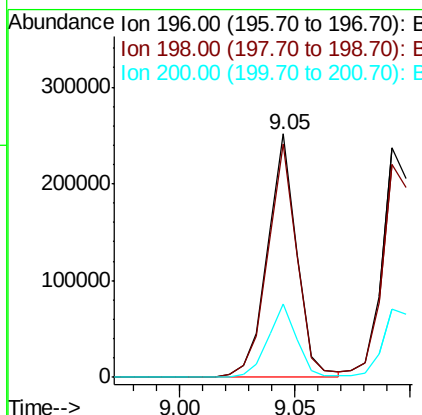
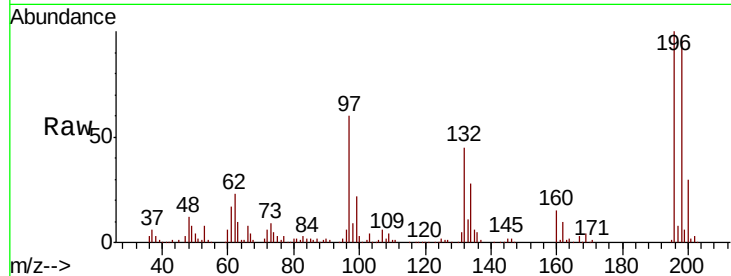
#43
 2,4,6-Trichlorophenol
 Concen: 35.484 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	222165		
198	96.0	75.8	113.6	
200	30.4	24.6	36.8	

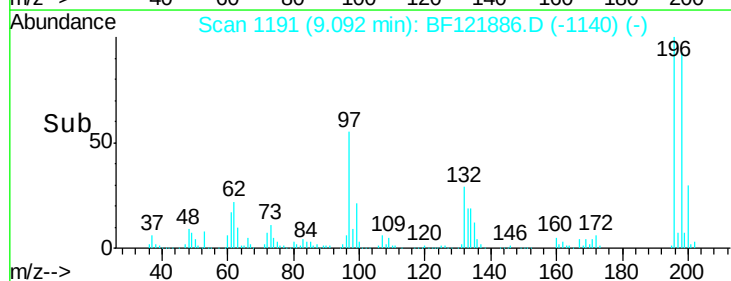
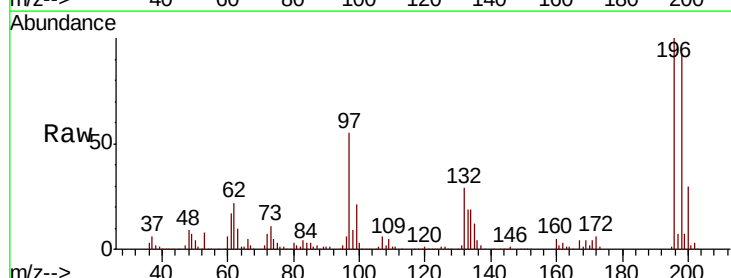
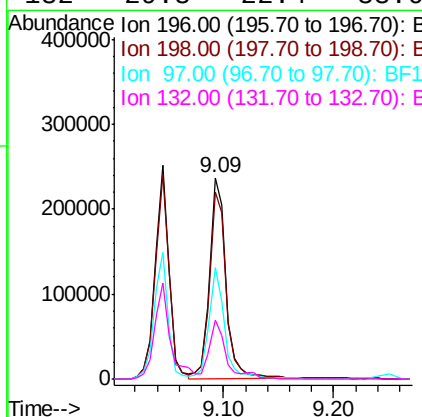
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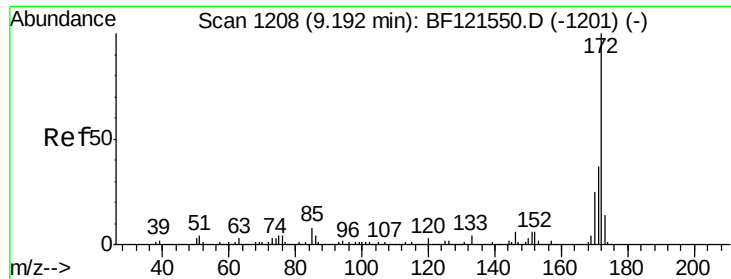
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#44
 2,4,5-Trichlorophenol
 Concen: 35.949 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237944		
198	92.7	76.1	114.1	
97	55.4	41.0	61.6	
132	29.3	22.4	33.6	





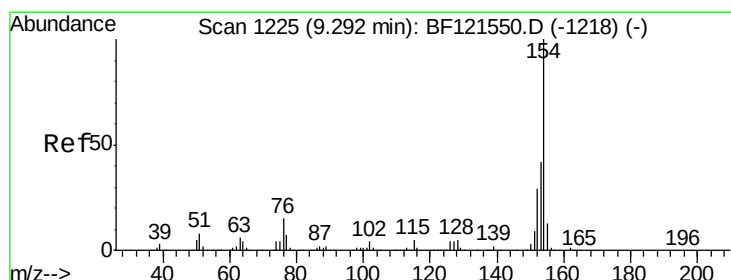
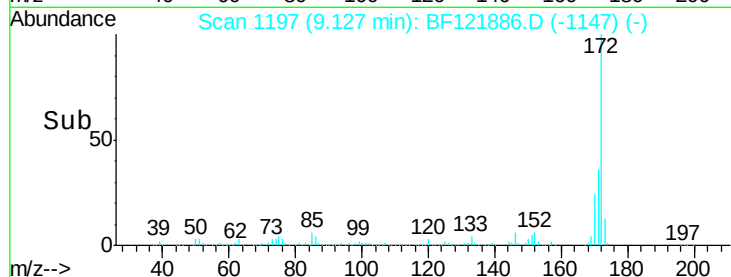
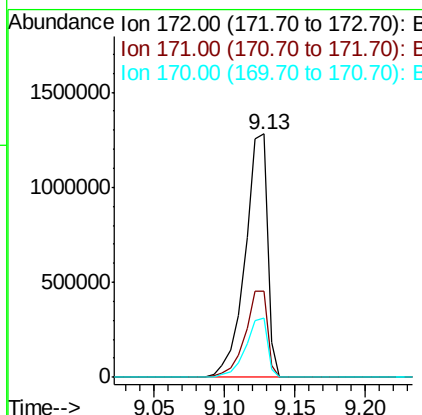
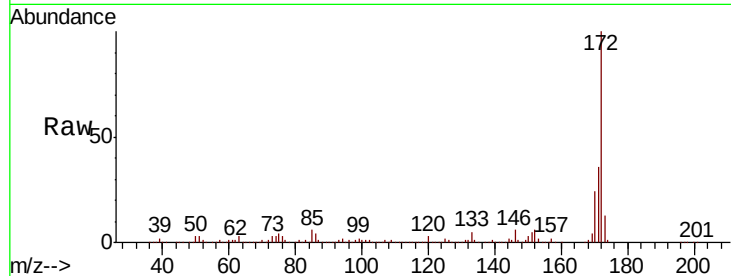
#45
2-Fluorobiphenyl
Concen: 72.958 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	24.4	19.8	29.6

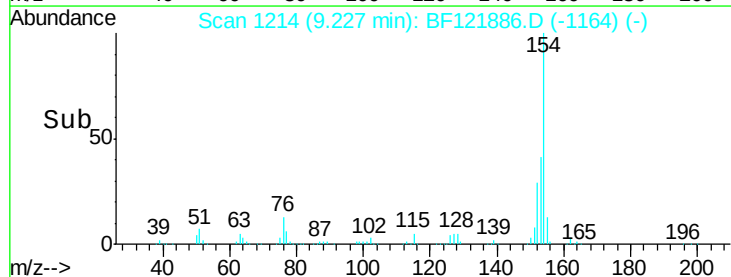
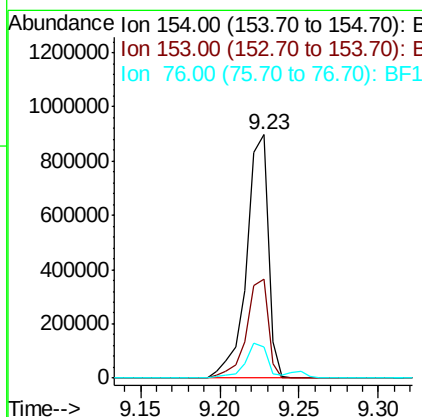
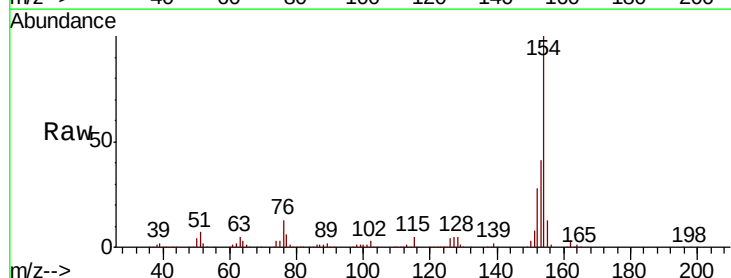
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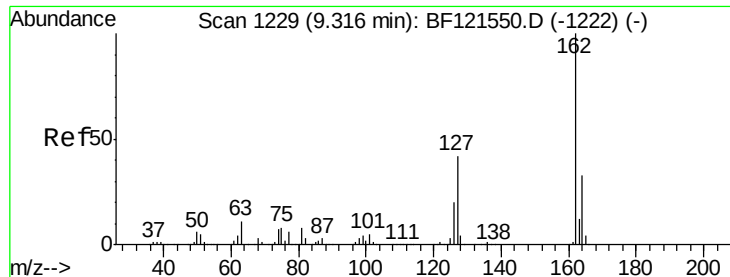
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#46
1,1'-Biphenyl
Concen: 36.070 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.0	0.0	34.7





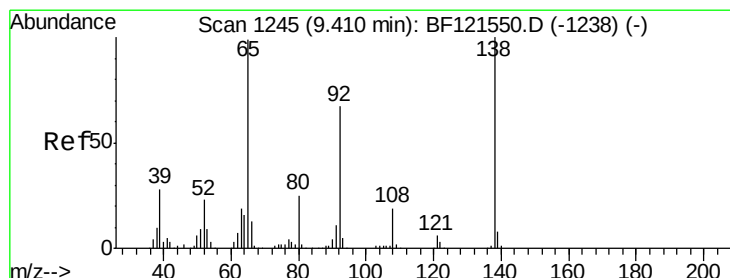
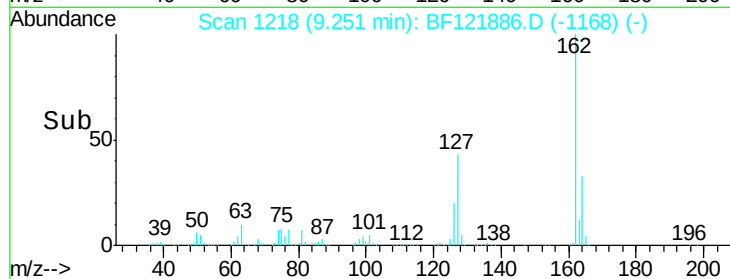
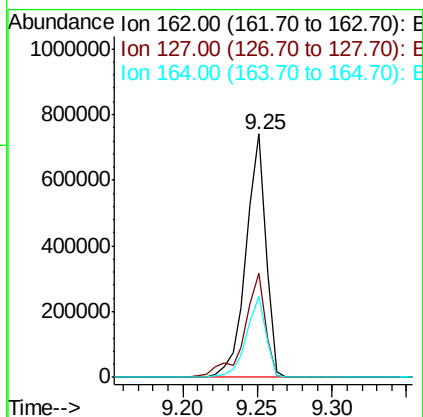
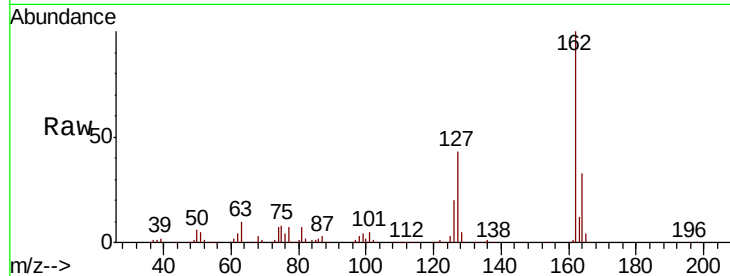
#47
 2-Chloronaphthalene
 Concen: 36.672 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		680311		
127	42.5	34.4	51.6		
164	33.0	26.3	39.5		

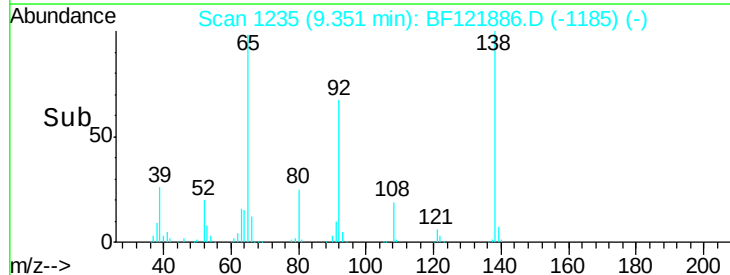
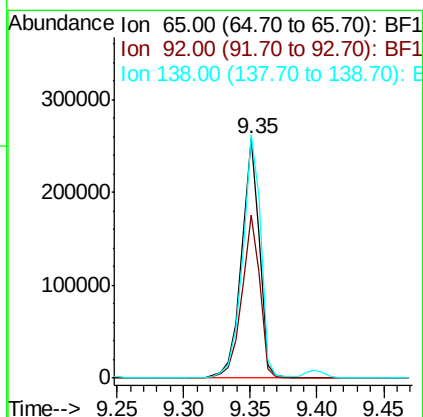
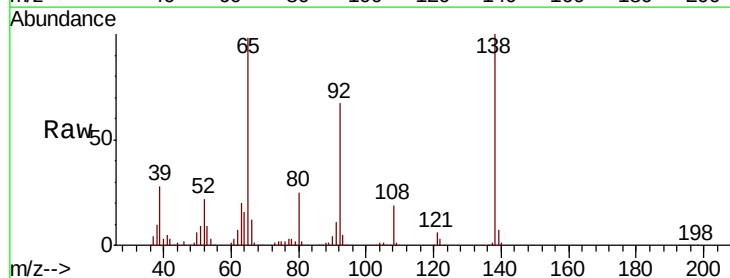
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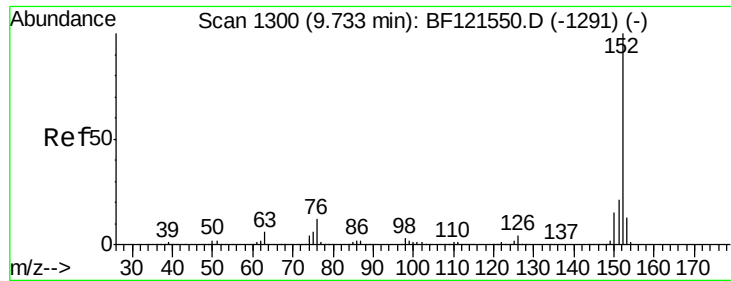
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#48
 2-Nitroaniline
 Concen: 41.652 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		240119		
92	68.3	55.1	82.7		
138	101.7	80.5	120.7		





#49

Acenaphthylene

Concen: 36.430 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

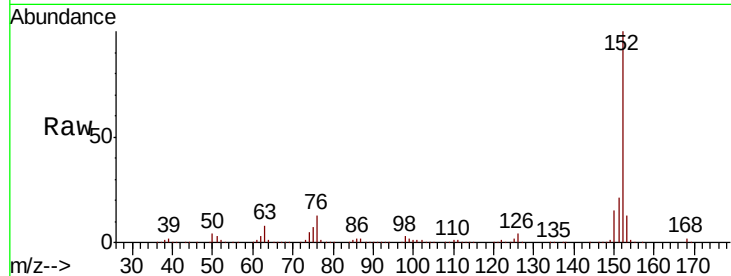
ClientSampleId :

PB132200BS

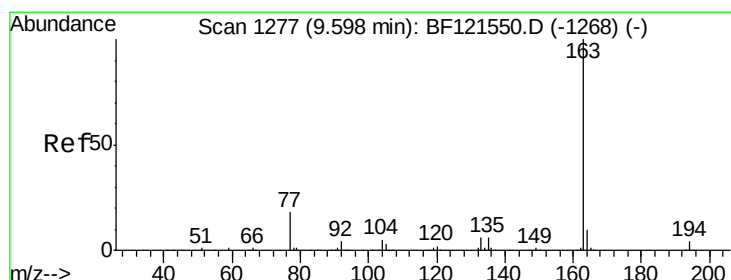
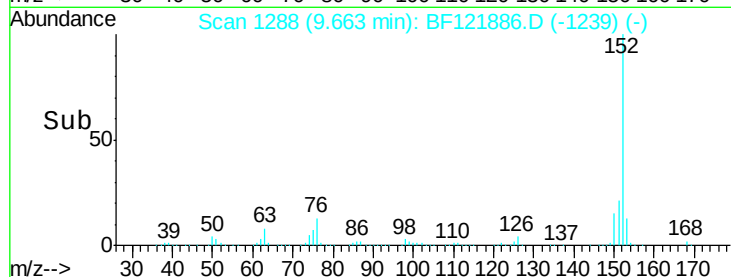
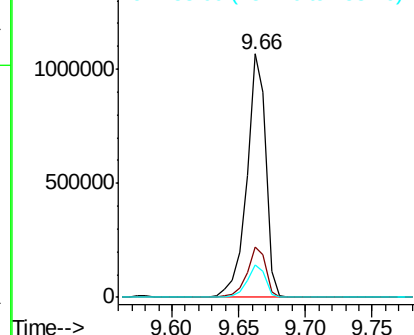
Tot Ion:	152	Resp:	1038381
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.5	10.6	15.8

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



#50

Dimethylphthalate

Concen: 38.745 ng

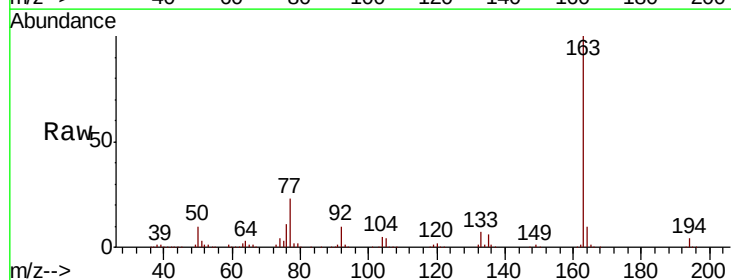
RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

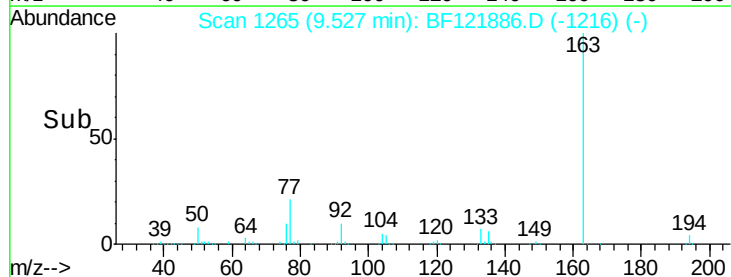
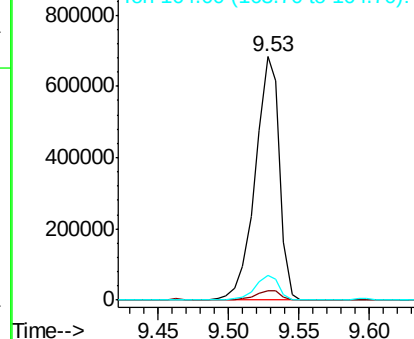
Lab File: BF121886.D

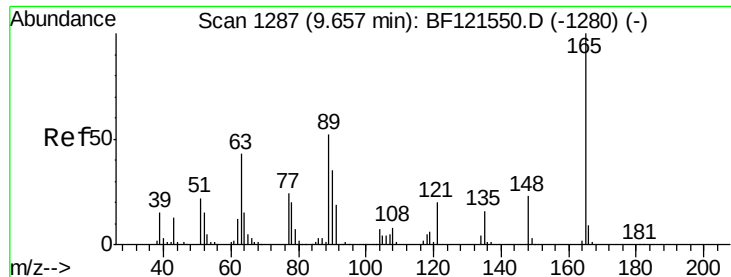
Acq: 8 Oct 2020 13:33

Tgt Ion:	163	Resp:	825786
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.3	8.2	12.4



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





#51

2,6-Dinitrotoluene

Concen: 40.200 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion:165 Resp: 182469
Ion Ratio Lower Upper

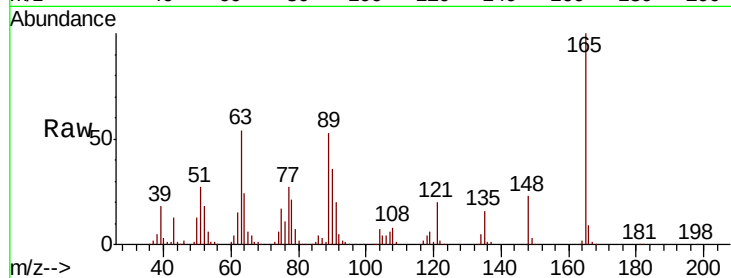
165 100

63 53.8 51.8 77.6

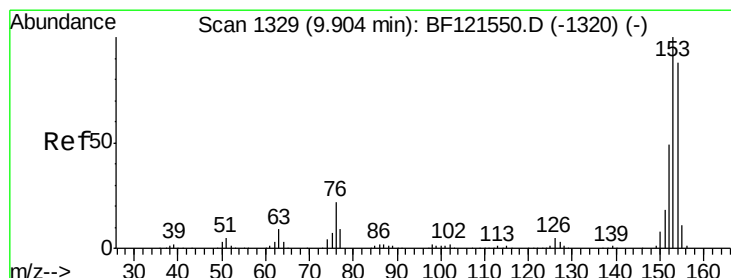
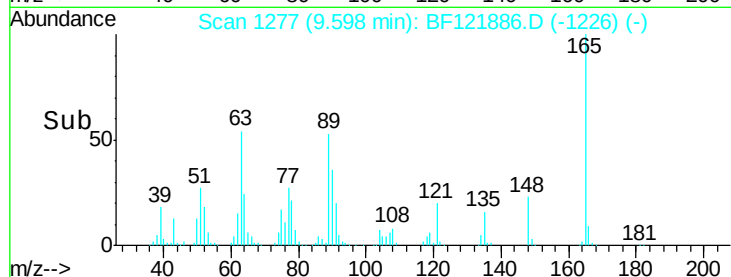
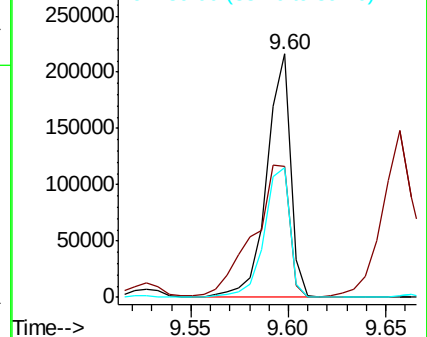
89 53.3 49.0 73.6

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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: 34.657 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121886.D

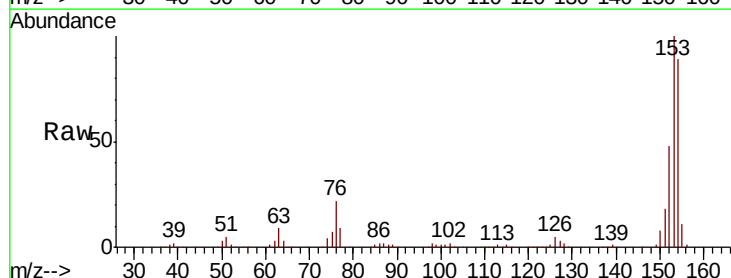
Acq: 8 Oct 2020 13:33

Tgt Ion:154 Resp: 623941
Ion Ratio Lower Upper

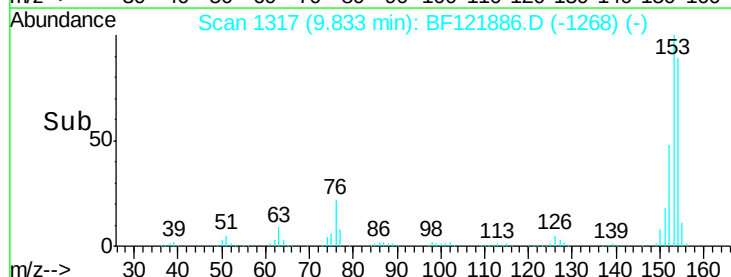
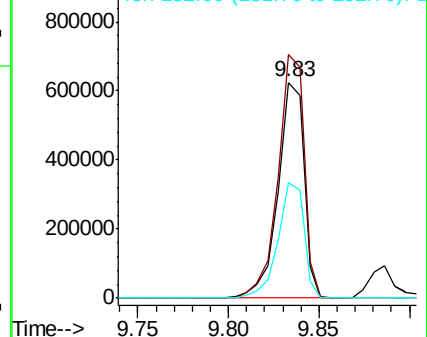
154 100

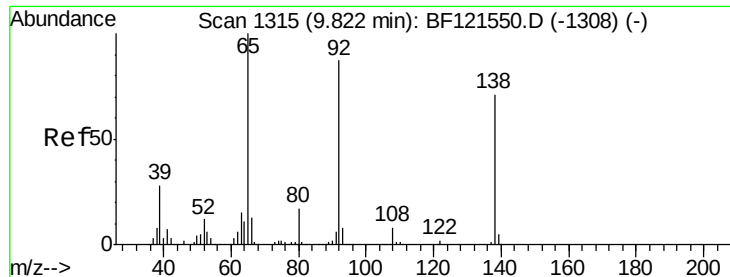
153 112.9 89.8 134.8

152 53.9 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





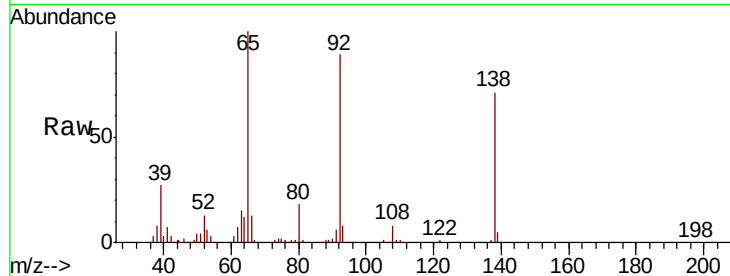
#53
3-Nitroaniline
Concen: 30.838 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	124.8	96.6	144.8

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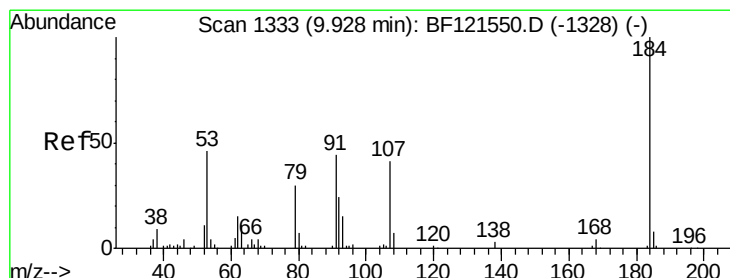
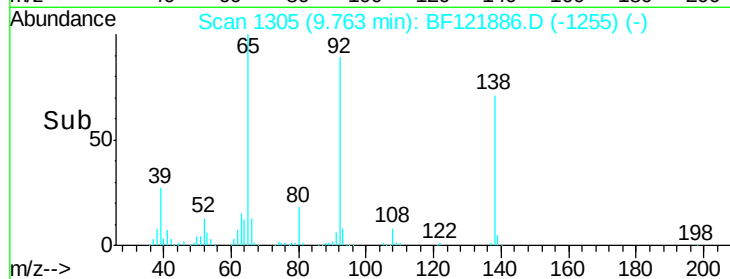
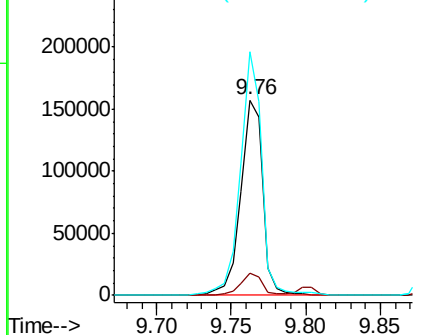


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 64.065 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

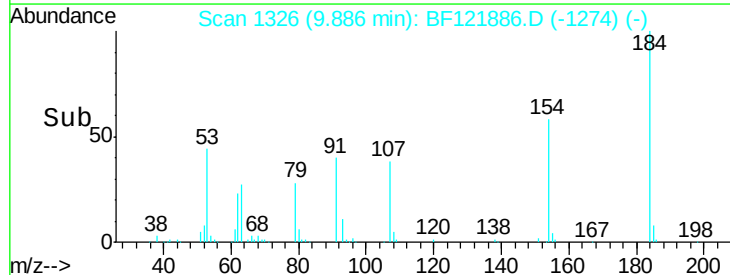
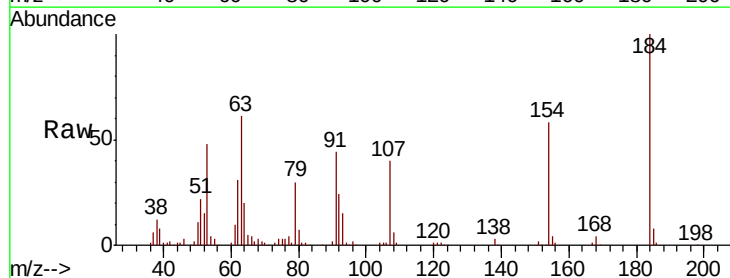
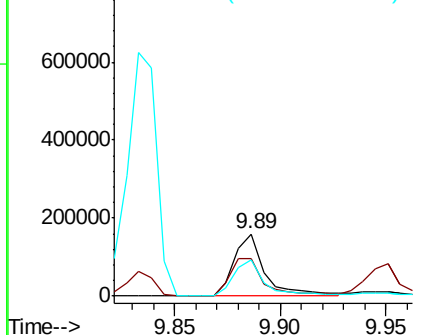
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	45.9	68.9
154	58.3	45.8	68.6

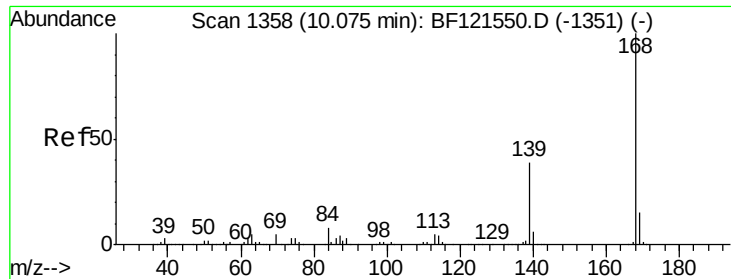
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





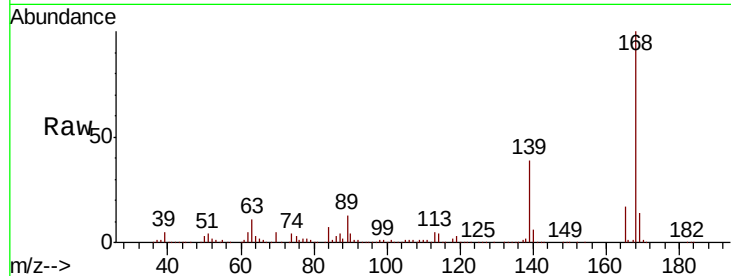
#55
Dibenzenofuran
Concen: 35.173 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	891750		
139	39.3		31.0	46.6
169	14.1		11.3	16.9

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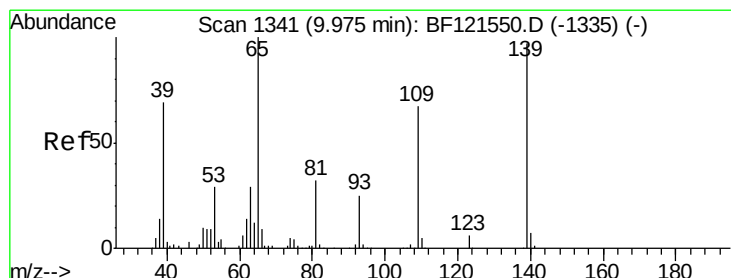
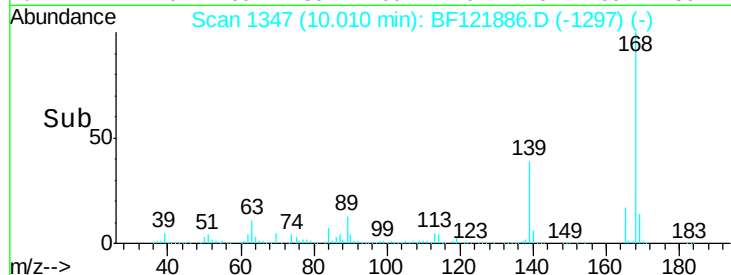
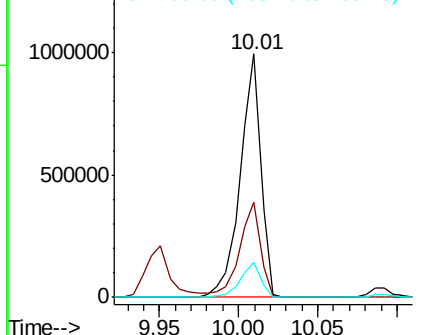


Abundance

Ion 168.00 (167.70 to 168.70): E

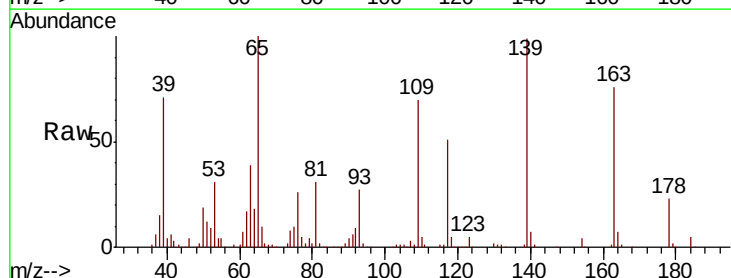
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 51.980 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	217972		
109	70.9		45.4	85.4
65	100.6		68.4	108.4

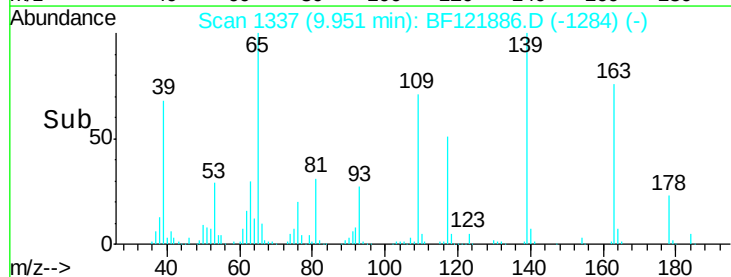
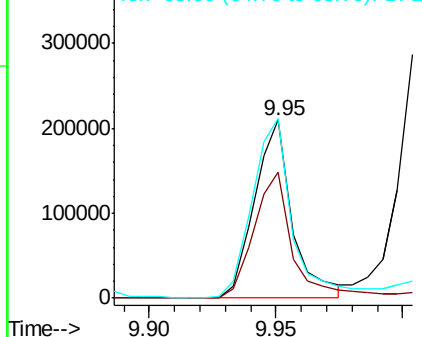


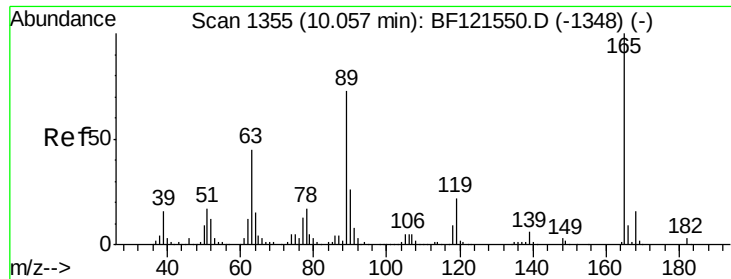
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.193 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

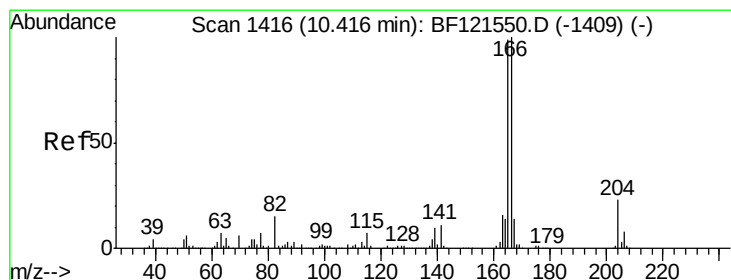
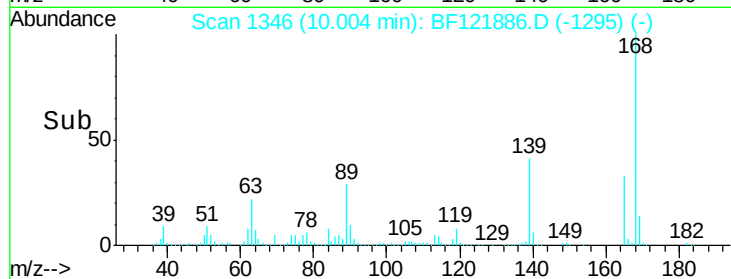
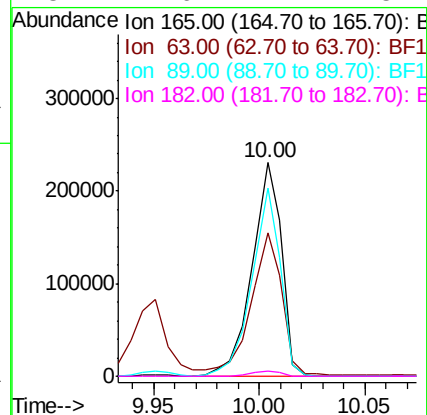
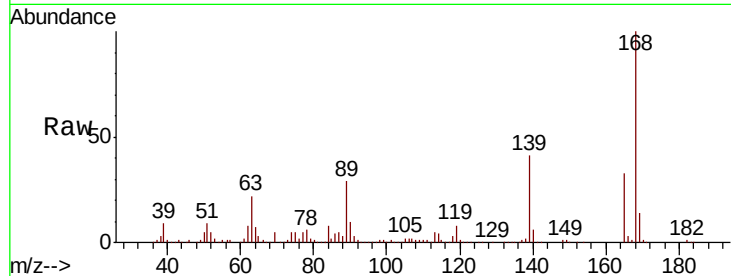
ClientSampleId :

PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.4	41.3	61.9	
89	87.9	61.8	92.8	
182	2.6	2.1	3.1	

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#58

Fluorene

Concen: 37.606 ng

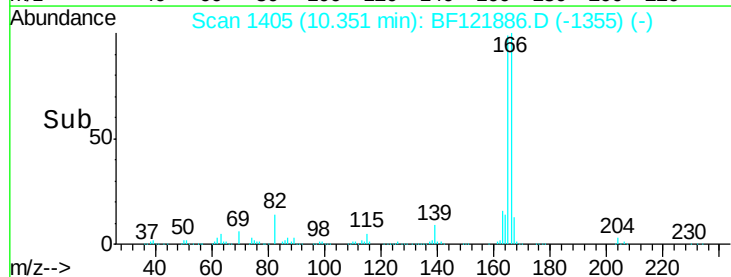
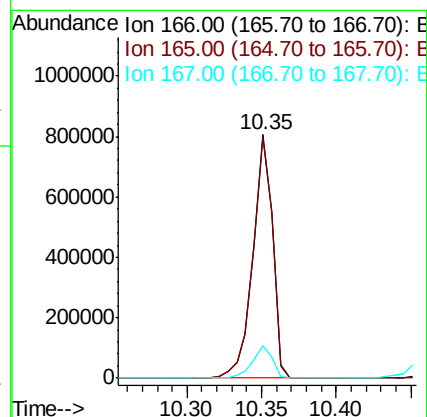
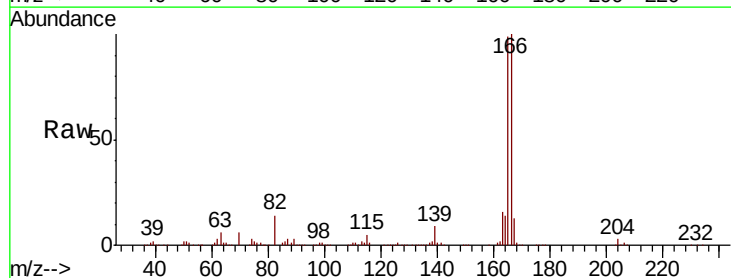
RT: 10.35 min Scan# 1405

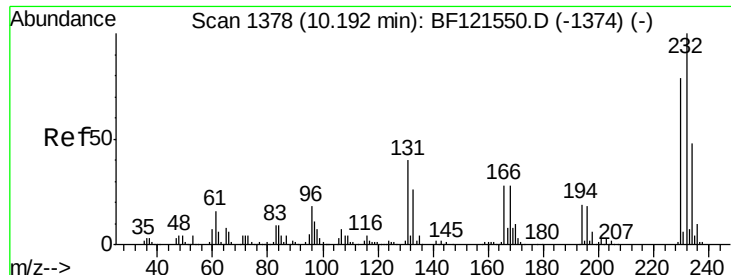
Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.1	118.7	
167	13.4	11.0	16.6	





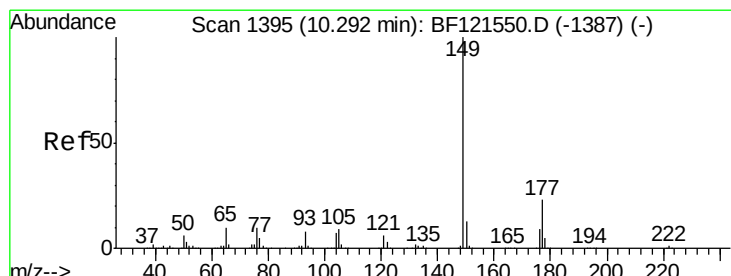
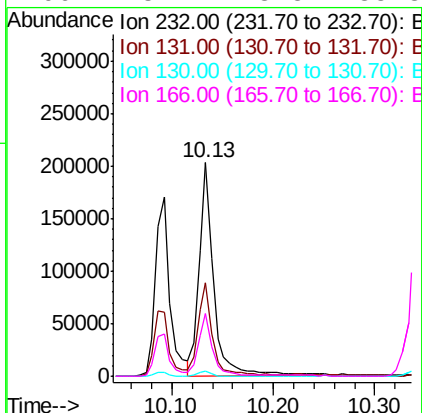
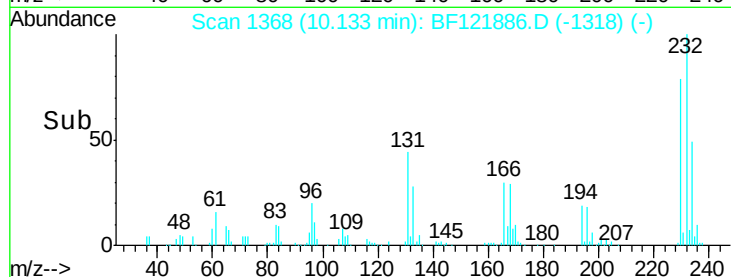
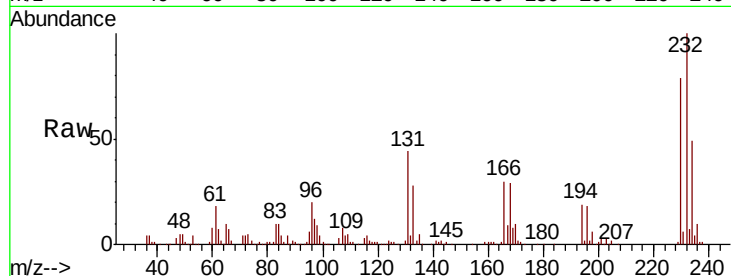
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.103 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		199648		
131	42.4	35.9	53.9		
130	2.2	1.8	2.6		
166	28.2	23.5	35.3		

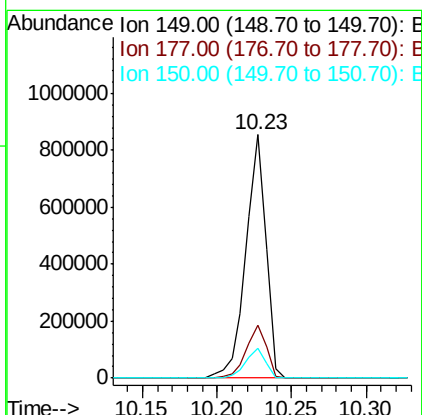
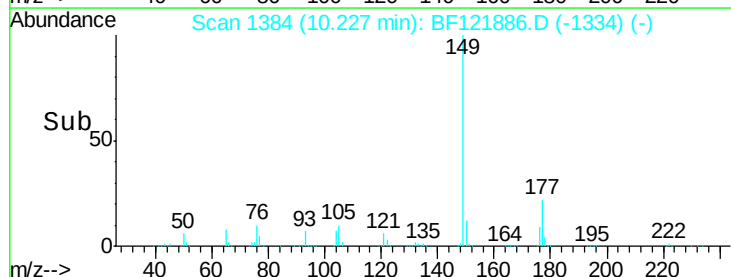
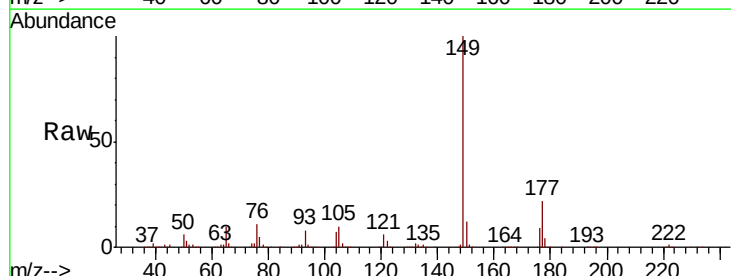
Manual Integrations
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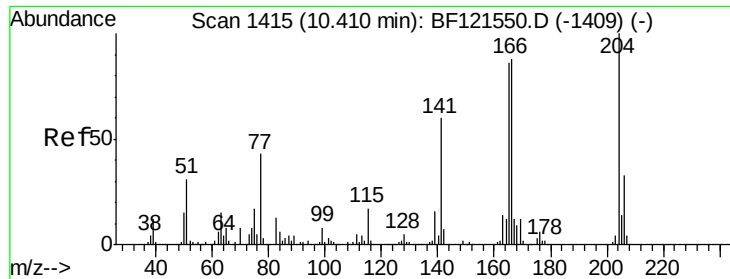
mohammad
 10/12/2020 11:31:24 AM



#60
 Diethylphthalate
 Concen: 38.174 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		793257		
177	21.9	18.1	27.1		
150	12.4	10.3	15.5		





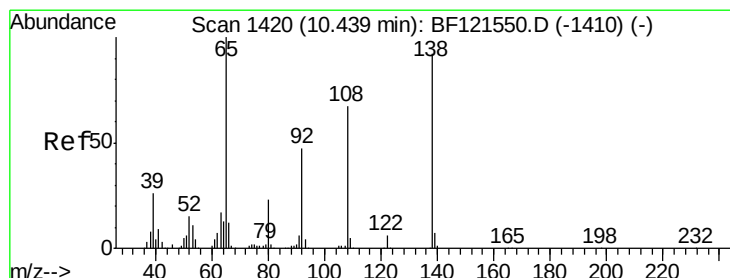
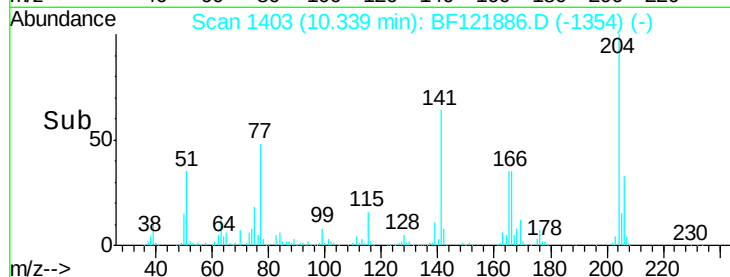
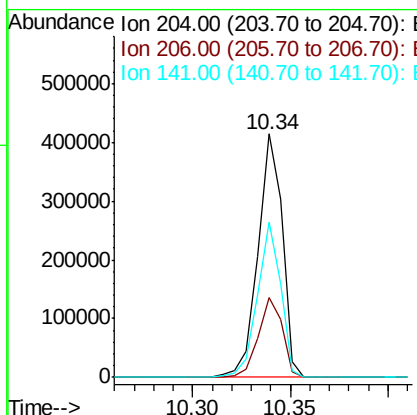
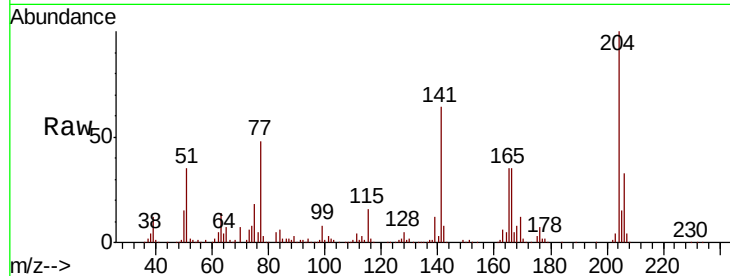
#61
 4-Chlorophenyl-phenylether
 Concen: 38.489 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleID :
 PB132200BS

Tot Ion:	204	Resp:	357474
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.0	39.0
141	63.6	46.2	69.4

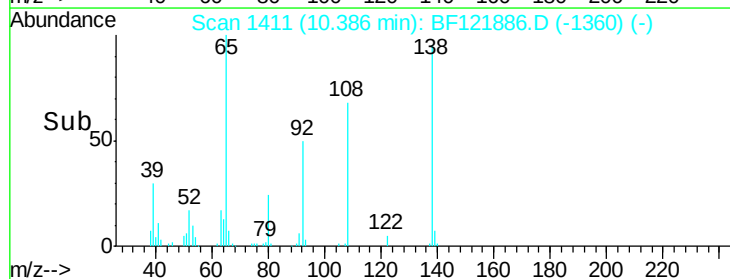
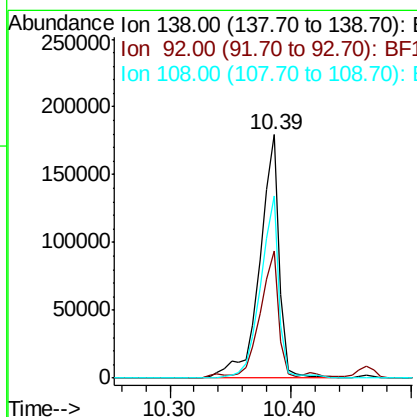
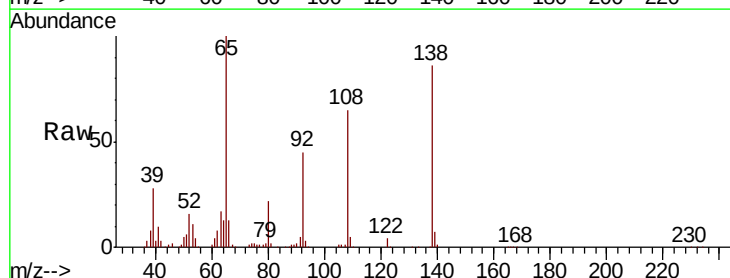
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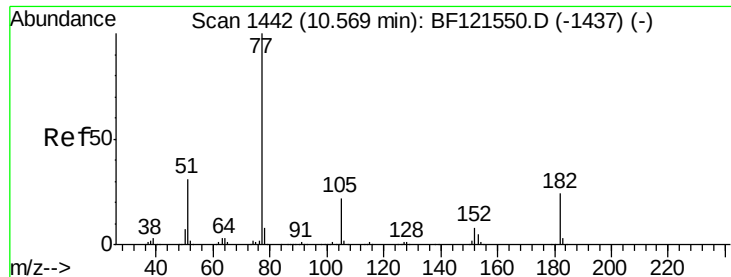
mohammad
 10/12/2020 11:31:24 AM



#62
 4-Nitroaniline
 Concen: 38.755 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:	138	Resp:	202336
Ion Ratio	Lower	Upper	
138	100		
92	52.3	31.0	71.0
108	74.8	51.5	91.5





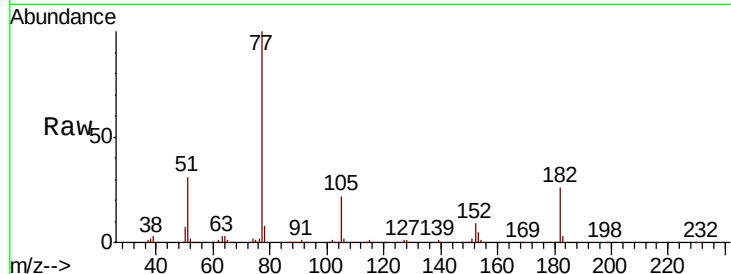
#63
Azobenzene
Concen: 36.952 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

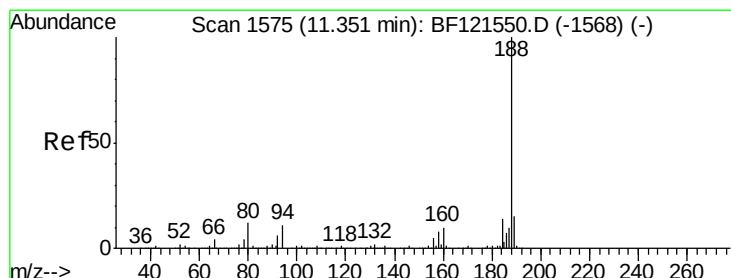
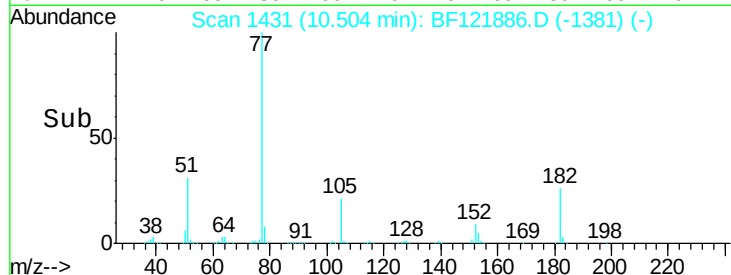
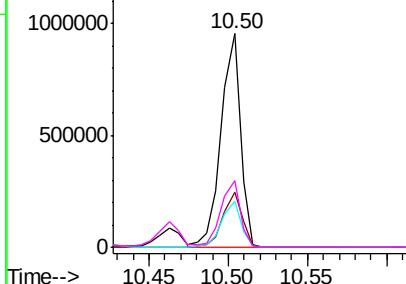
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	3.4	43.4
105	21.7	1.7	41.7
51	31.2	11.6	51.6

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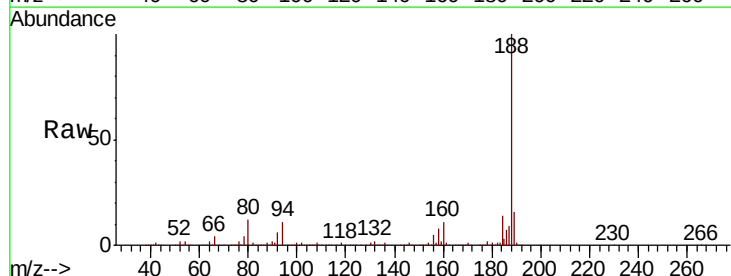


Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

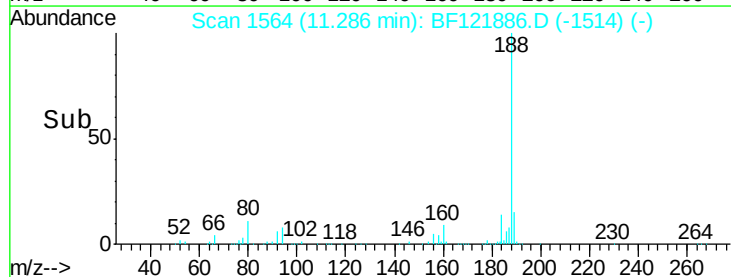
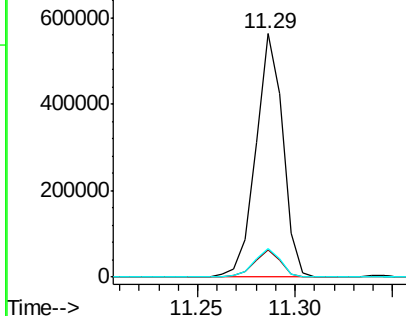


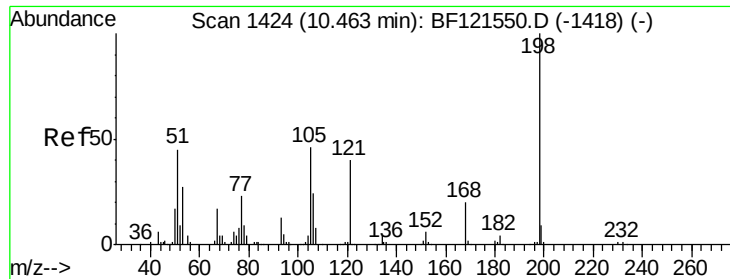
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	11.8	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





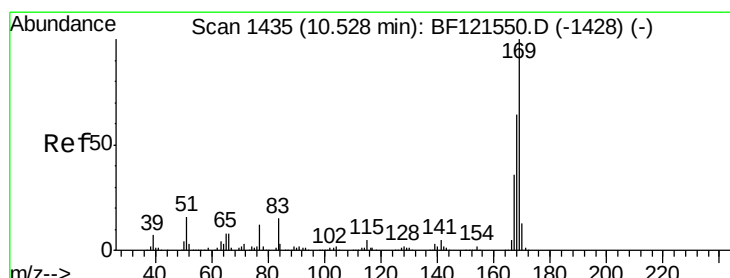
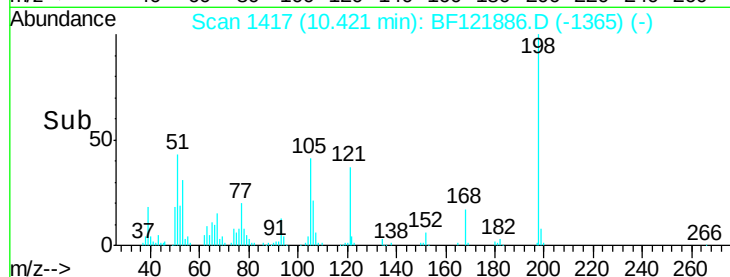
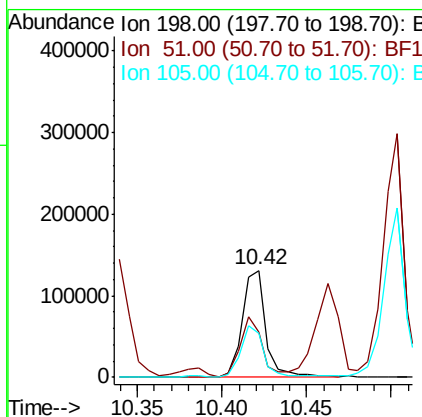
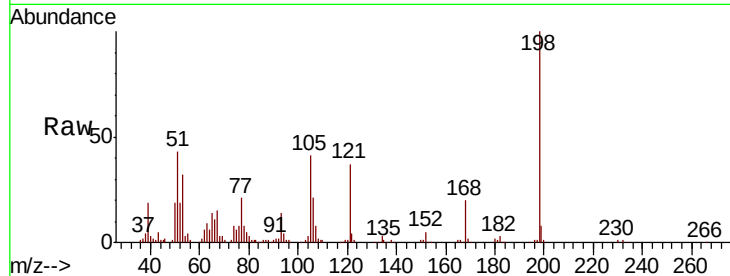
#65
4,6-Dinitro-2-methylphenol
Concen: 39.907 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127799		
51	42.7		29.6	69.6
105	40.8		24.4	64.4

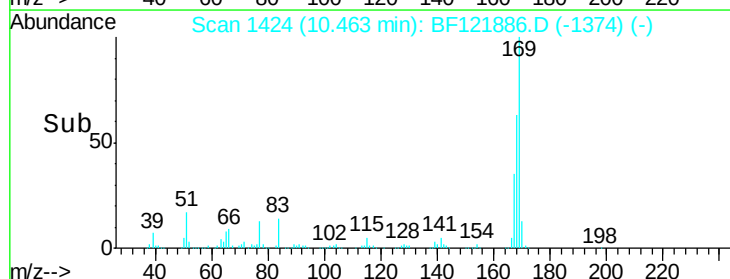
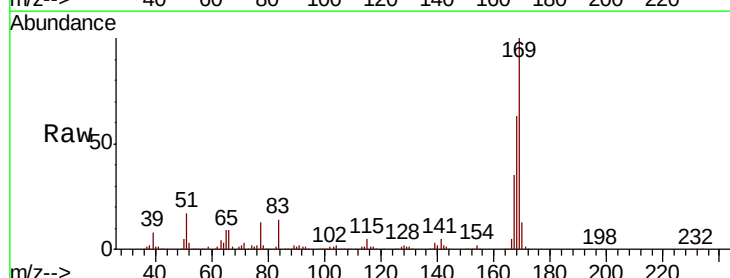
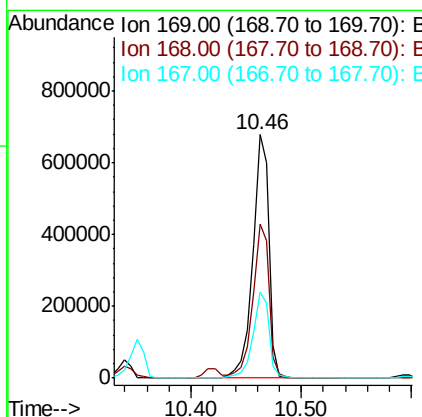
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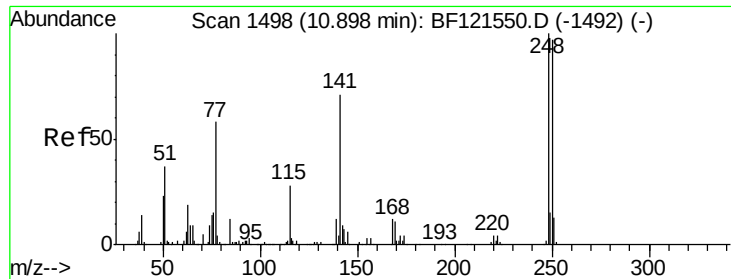
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 37.587 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	696493		
168	63.1		50.0	75.0
167	35.4		27.8	41.6





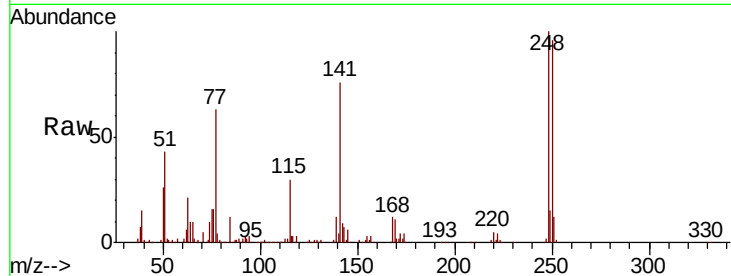
#67
4-Bromophenyl-phenylether
Concen: 39.151 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	75.5	53.7	80.5

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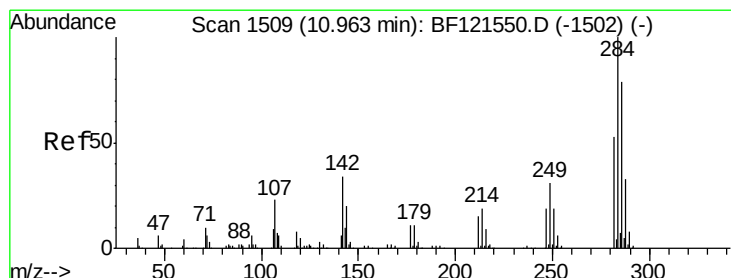
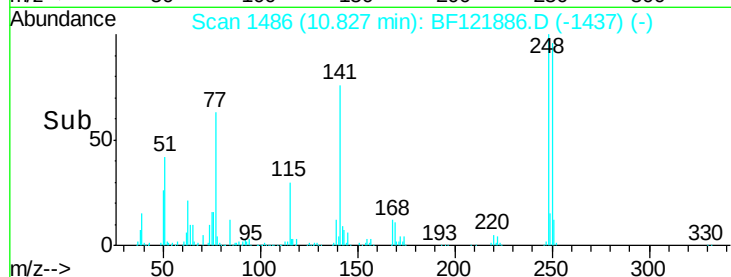
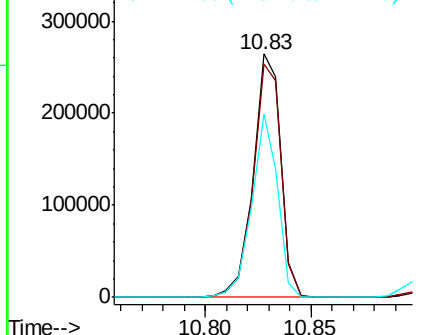


Abundance

Ion 248.00 (247.70 to 248.70): E

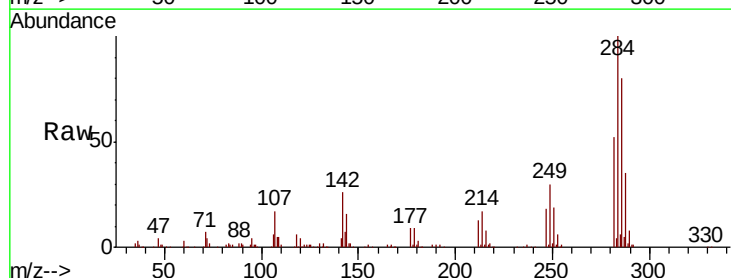
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.518 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	27.4	41.2#
249	29.5	24.2	36.4

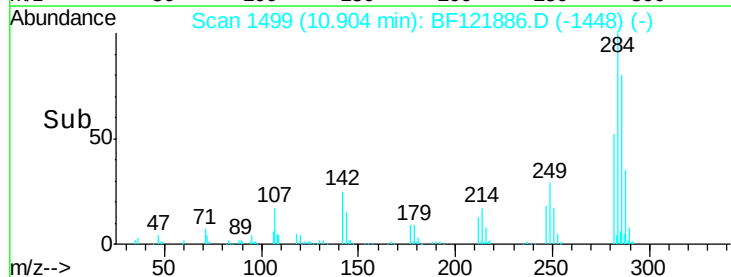
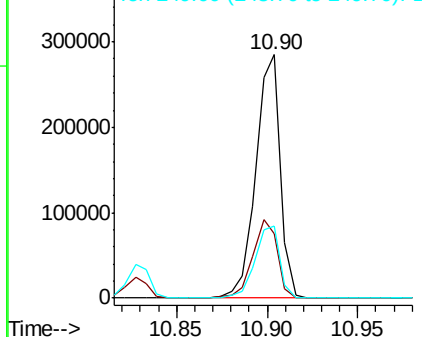


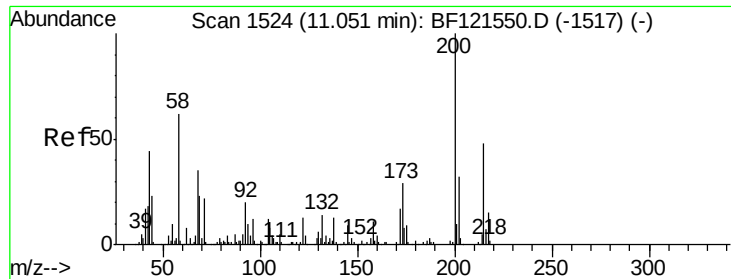
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





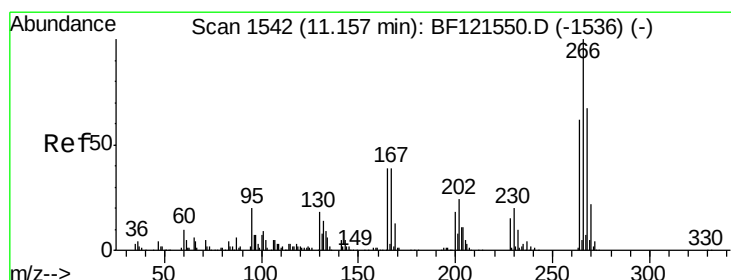
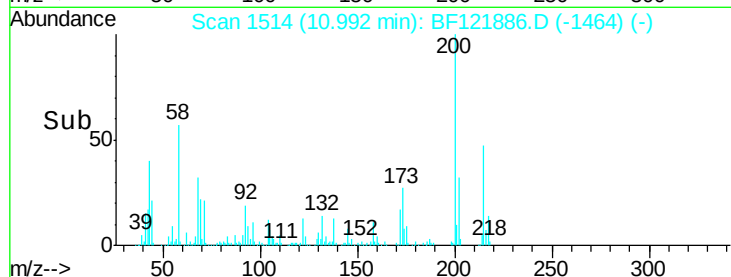
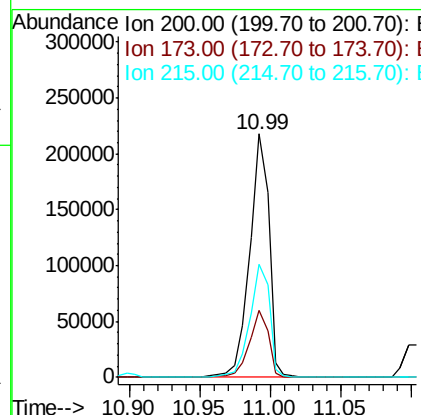
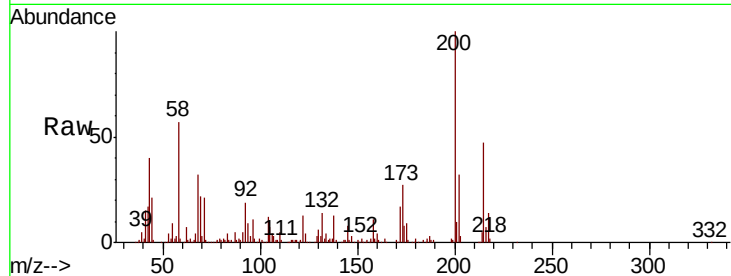
#69
Atrazine
Concen: 45.474 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	7.5	47.5
215	46.5	27.1	67.1

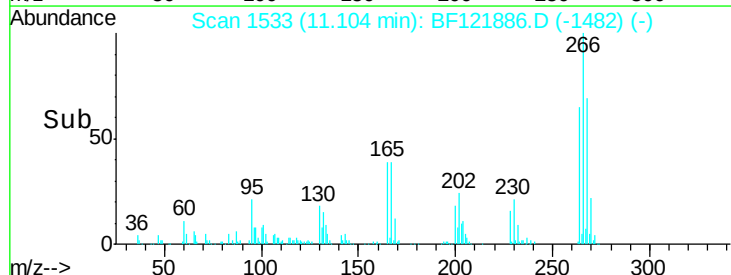
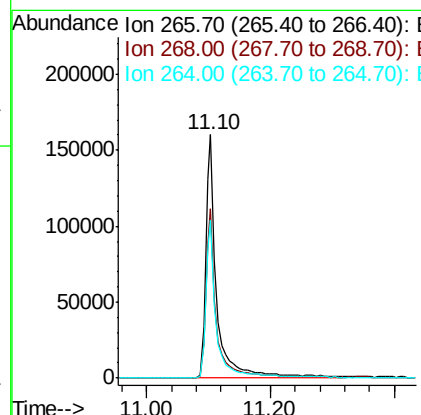
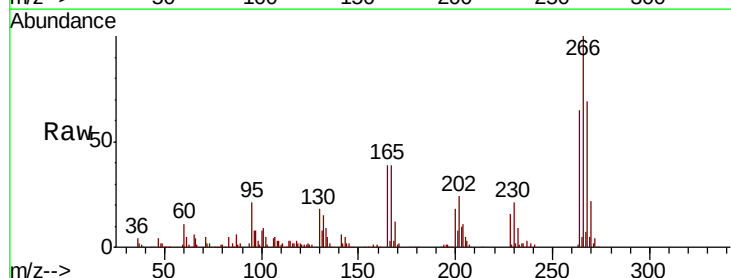
Manual Integrations
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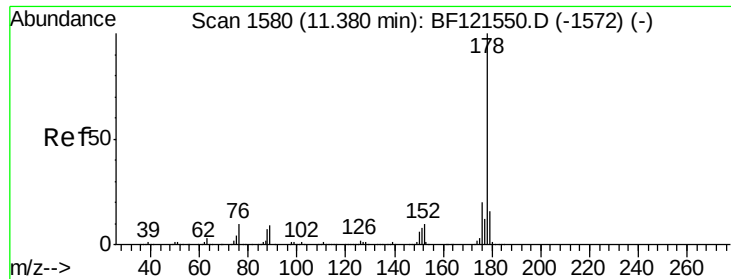
mohammad
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#70
Pentachlorophenol
Concen: 53.592 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.5	52.4	78.6
264	64.8	49.9	74.9





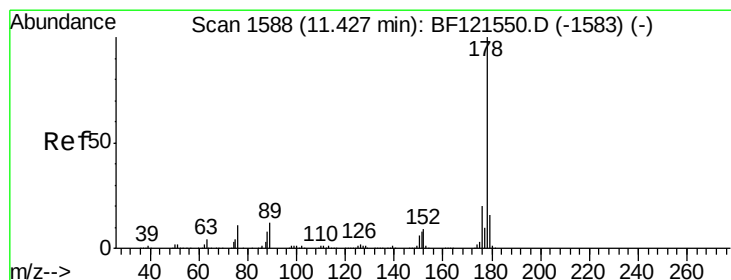
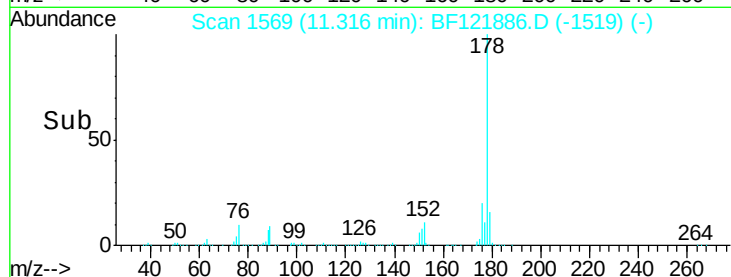
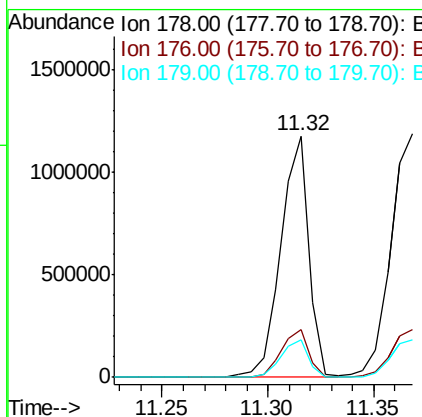
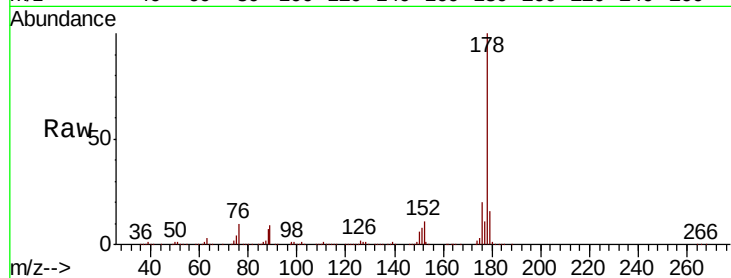
#71
Phenanthrene
Concen: 37.015 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:178 Resp: 1089278
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.2 18.4

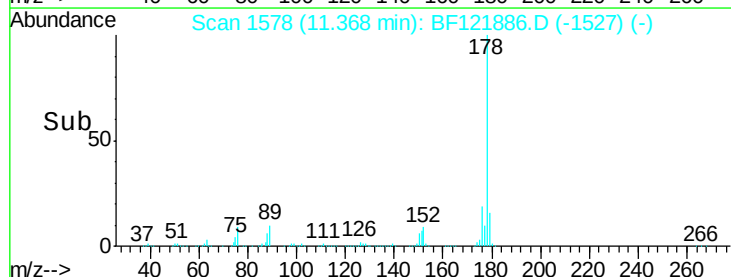
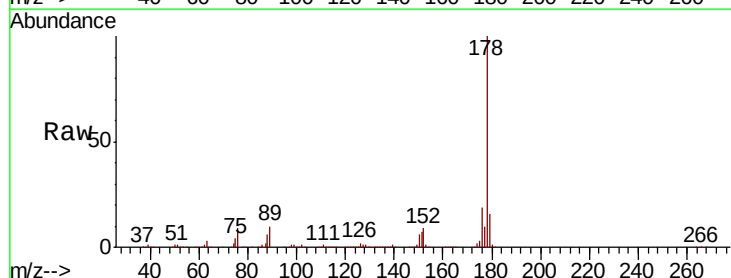
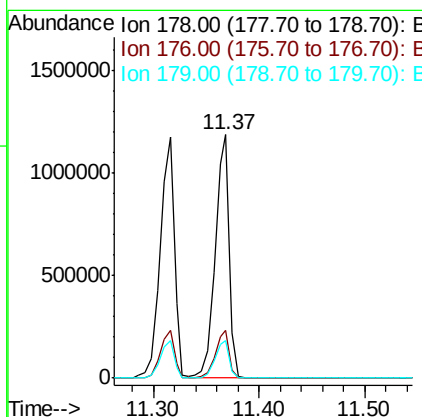
Manual Integrations
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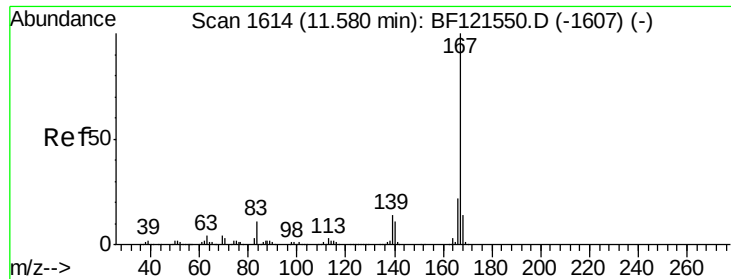
mohammad
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#72
Anthracene
Concen: 36.870 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:178 Resp: 1119680
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.7 19.1





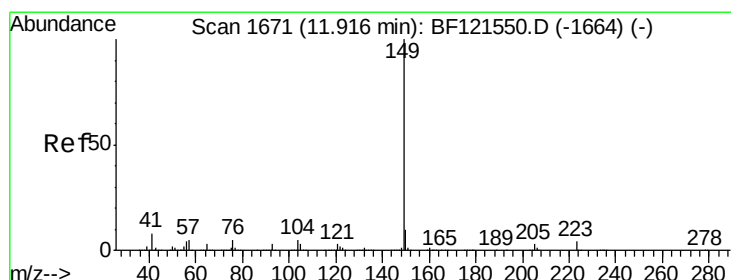
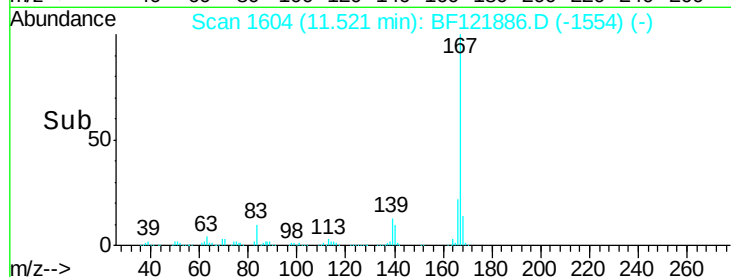
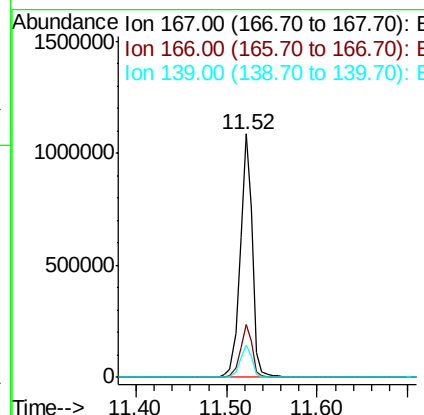
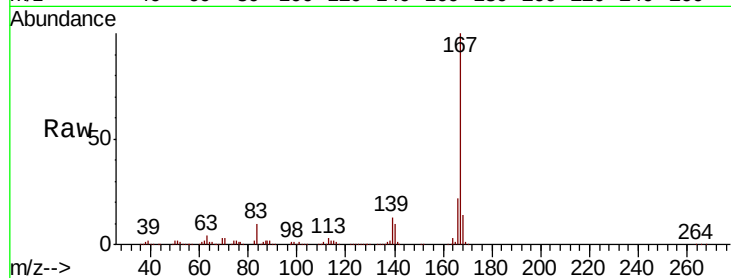
#73
 Carbazole
 Concen: 37.284 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampled :
 PB132200BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.4	10.8	16.2

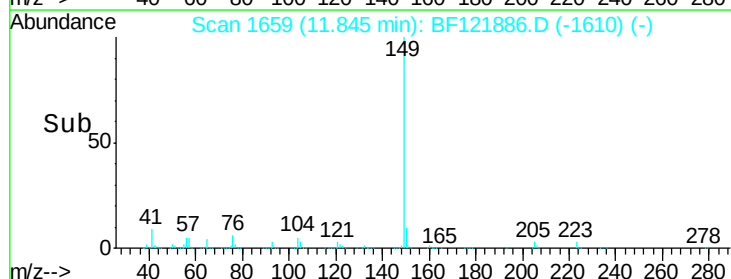
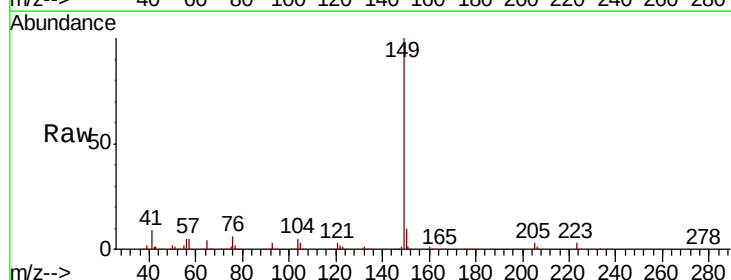
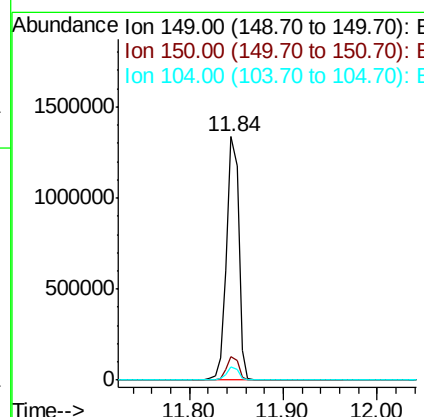
Manual Integrations
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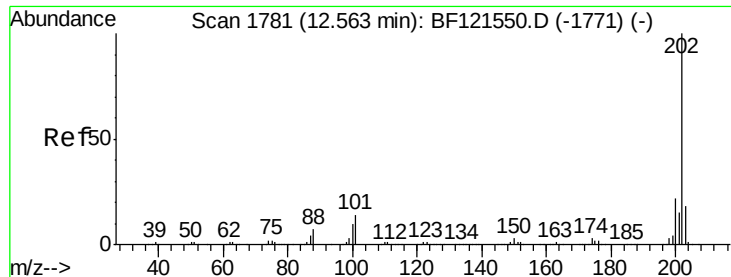
mohammad
 10/12/2020 11:31:24 AM



#74
 Di-n-butylphthalate
 Concen: 38.402 ng
 RT: 11.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.5	4.2	6.2





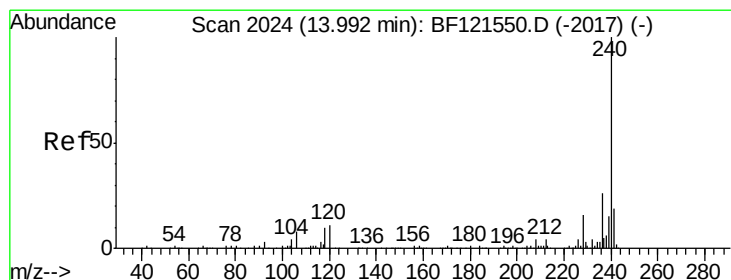
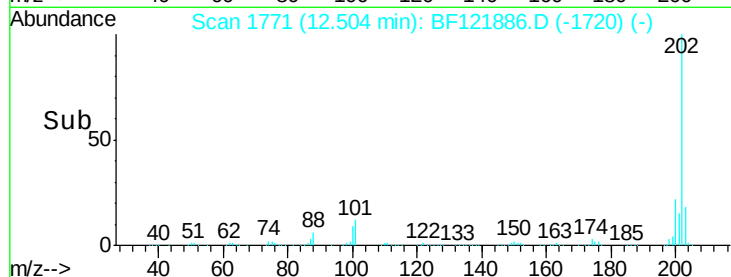
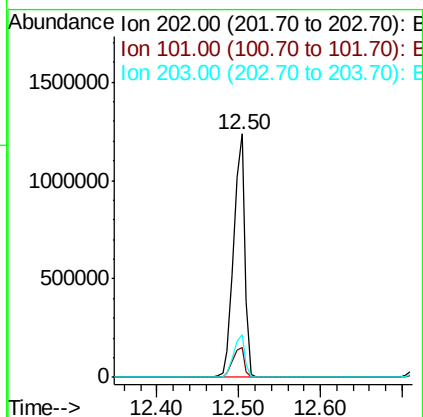
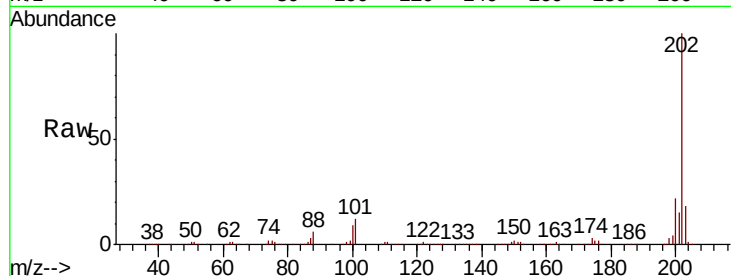
#75
 Fluoranthene
 Concen: 37.710 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.4
203	17.6	0.0	37.9

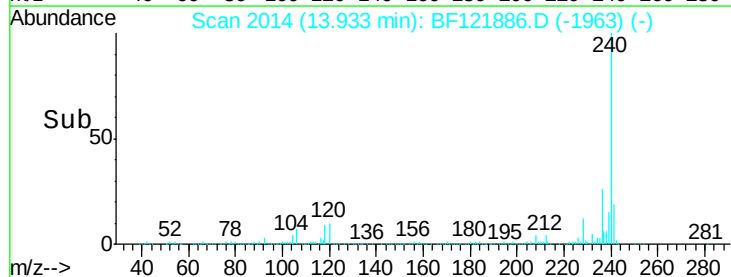
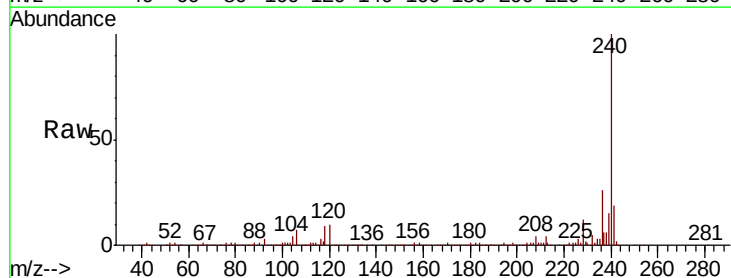
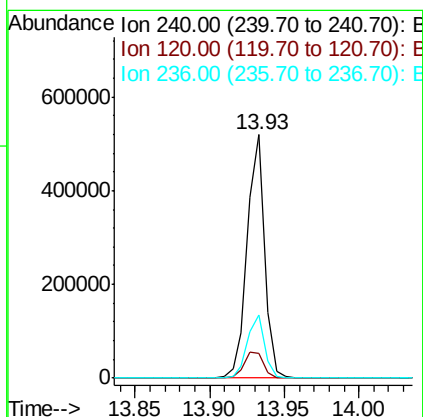
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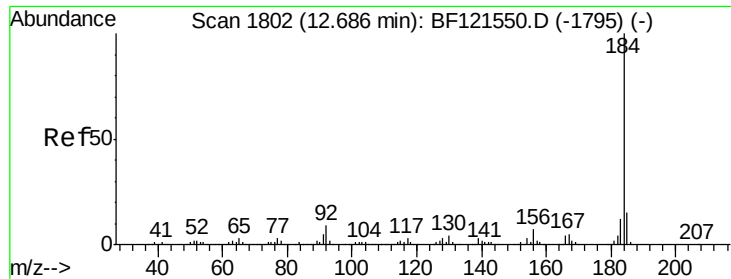
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.7	20.9	31.3





#77

Benzidine

Concen: 46.301 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

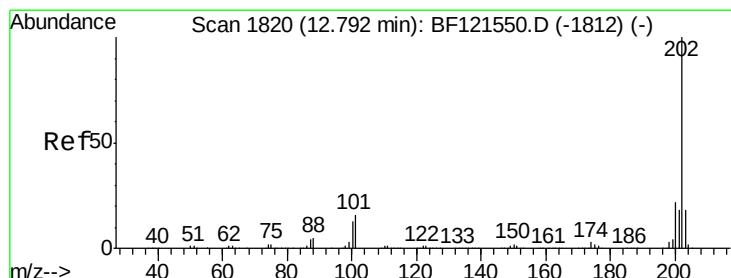
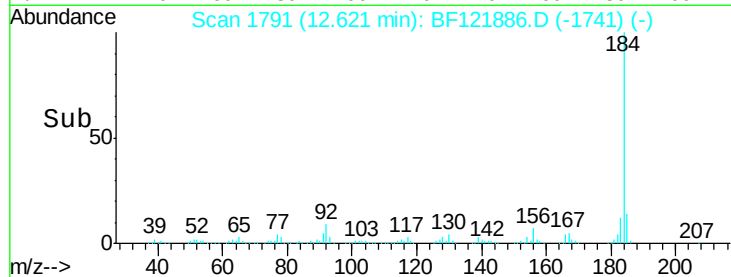
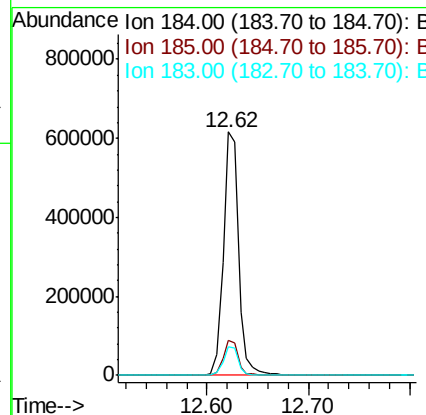
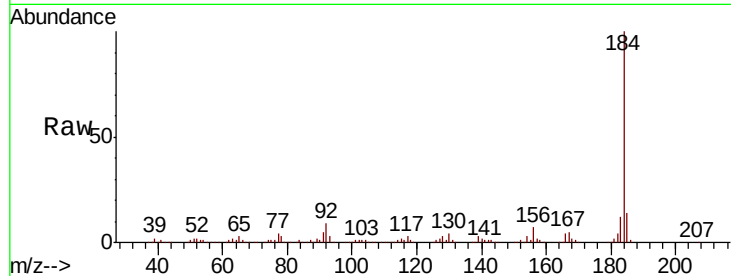
ClientSampleId :

PB132200BS

Tot Ion:	184	Resp:	642840
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.6	17.4
183	11.8	9.4	14.0

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#78

Pyrene

Concen: 38.869 ng

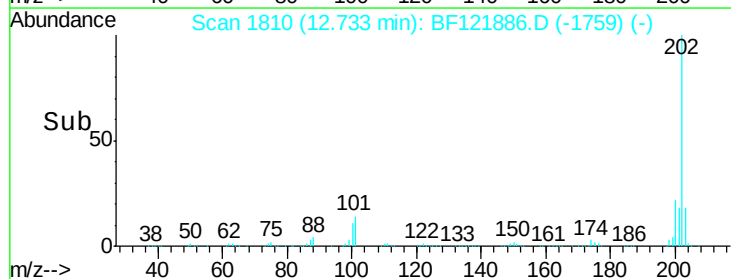
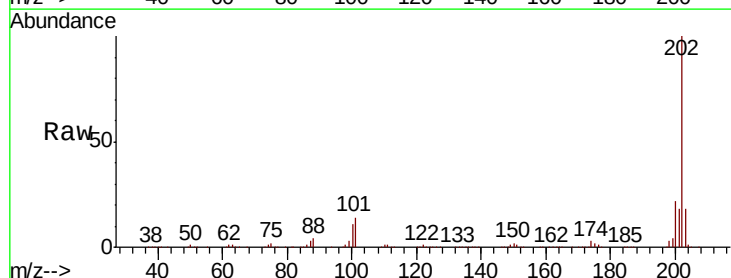
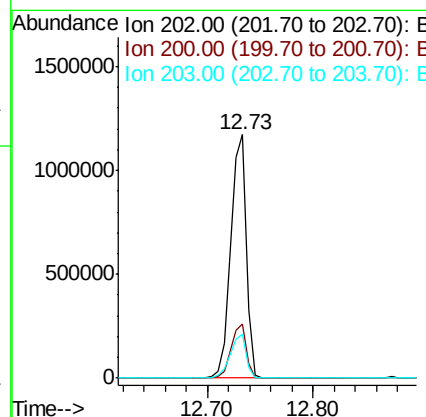
RT: 12.73 min Scan# 1810

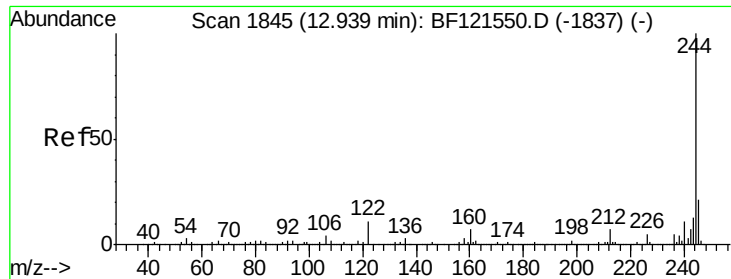
Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:	202	Resp:	1189334
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 81.259 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion:244 Resp: 1679798

Ion Ratio Lower Upper

244 100

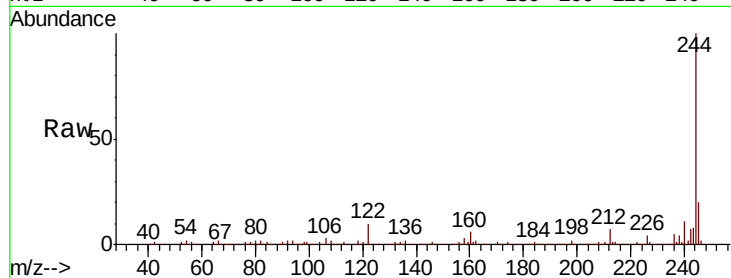
212 6.8 5.4 8.2

122 9.9 8.1 12.1

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2000000

1500000

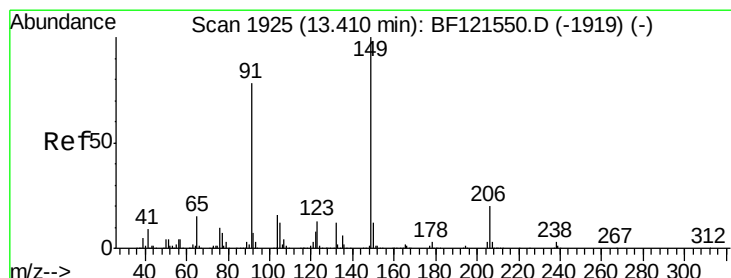
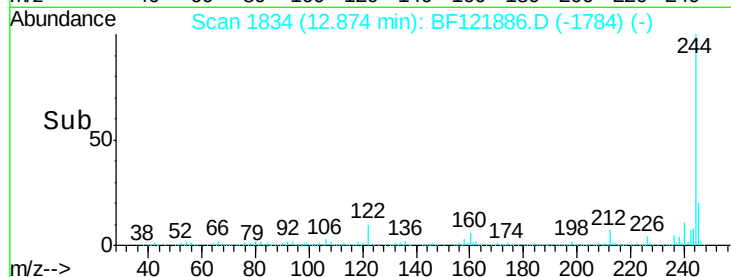
1000000

500000

0

12.87

Time-->



#80

Butylbenzylphthalate

Concen: 41.865 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

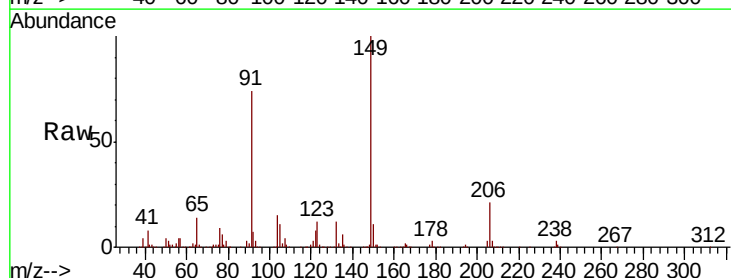
Tgt Ion:149 Resp: 518085

Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

206 20.6 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

800000

600000

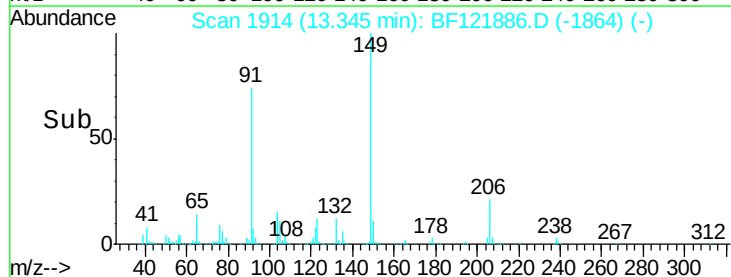
400000

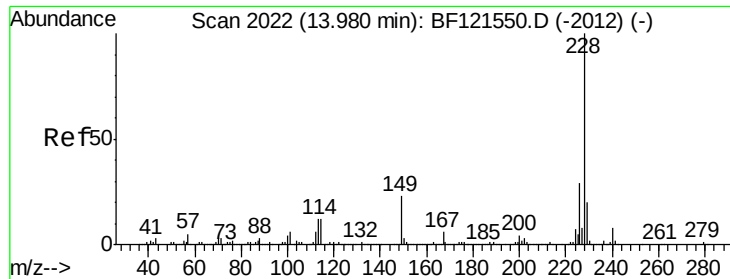
200000

0

13.34

Time-->





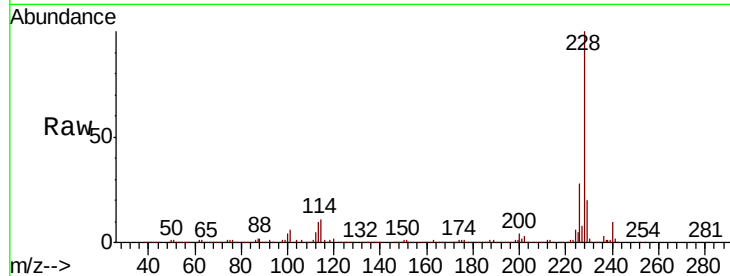
#81
Benzo(a)anthracene
Concen: 39.212 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	19.9	16.2	24.4

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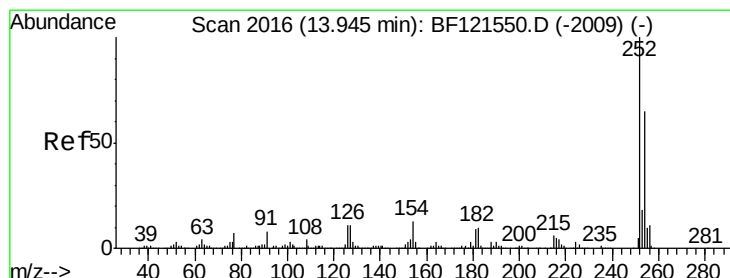
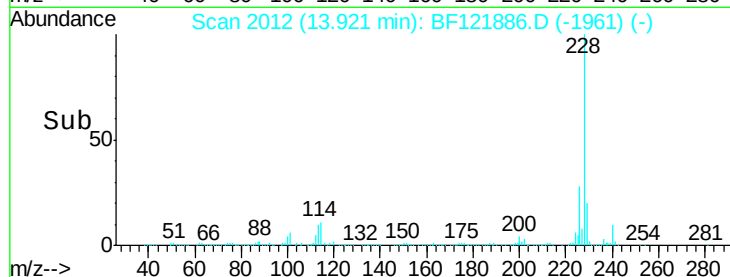
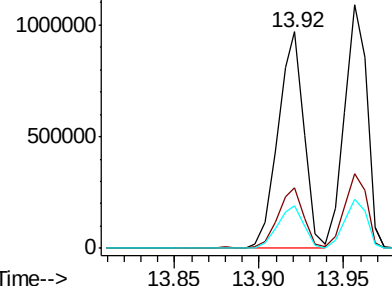


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 28.080 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

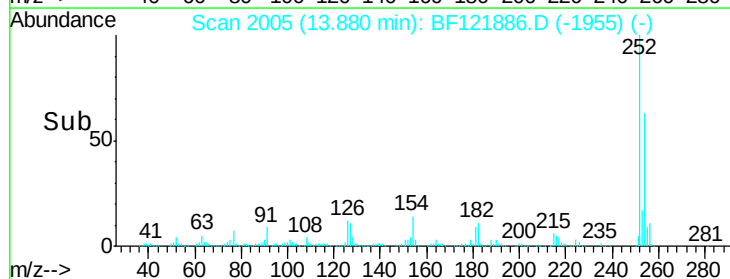
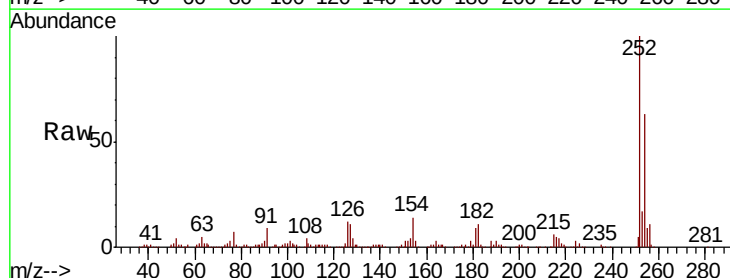
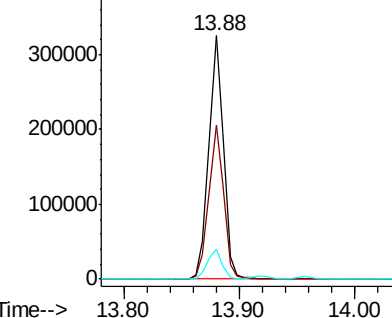
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	12.0	8.8	13.2

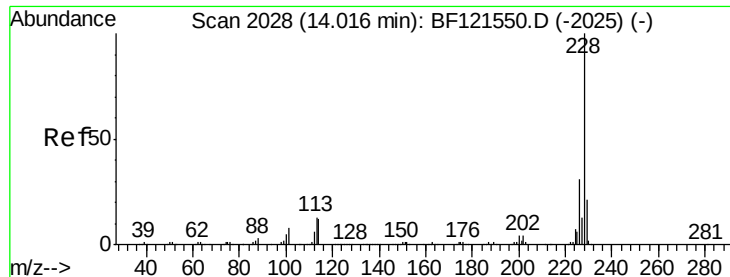
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





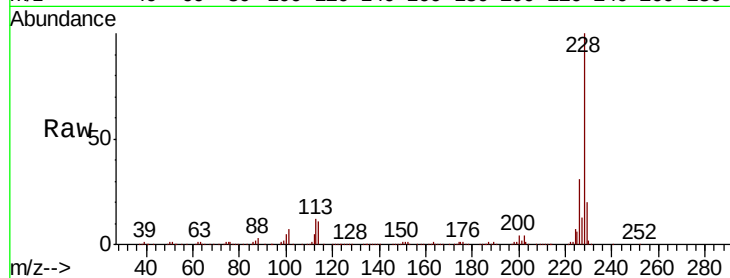
#83
 Chrysene
 Concen: 37.462 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampled :
 PB132200BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.1	15.9	23.9

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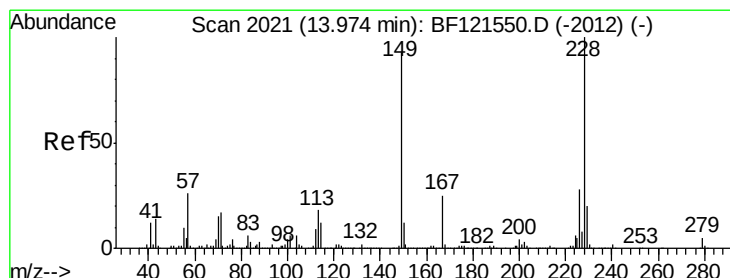
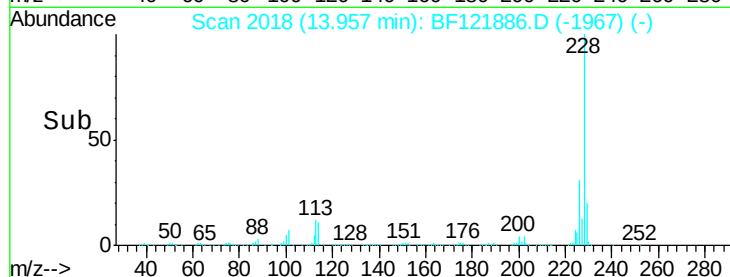
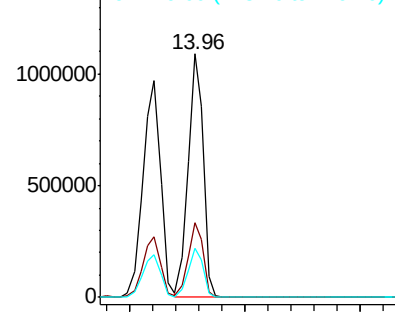


Abundance

Ion 228.00 (227.70 to 228.70): E

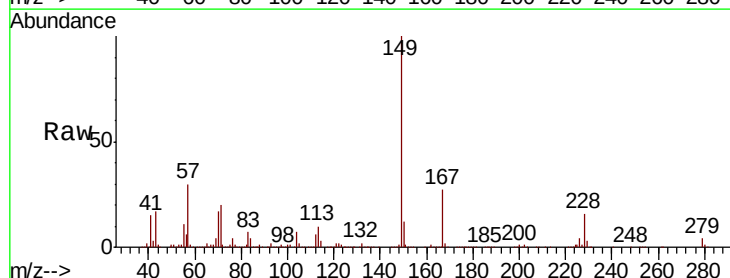
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.629 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	4.4	3.2	4.8

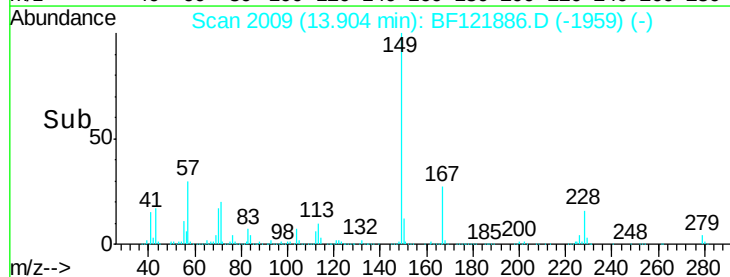
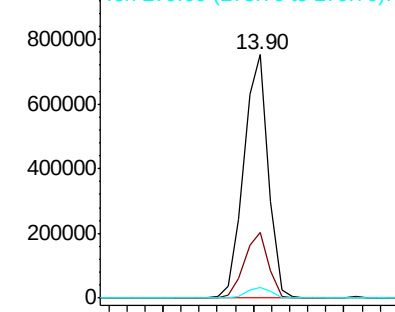


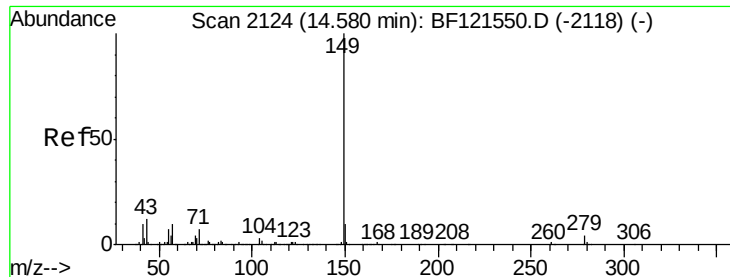
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





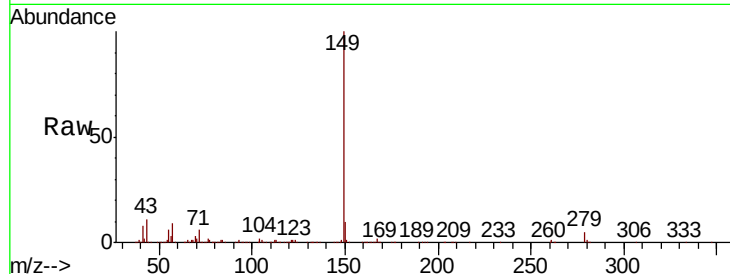
#85
Di-n-octyl phthalate
Concen: 39.734 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

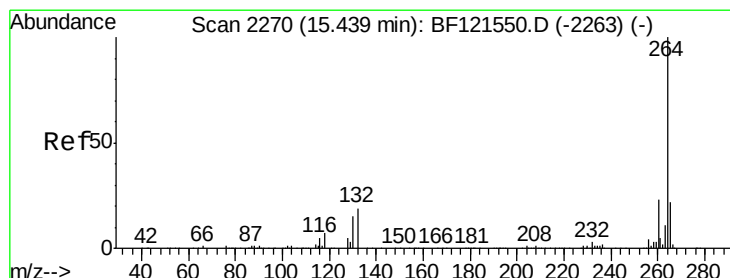
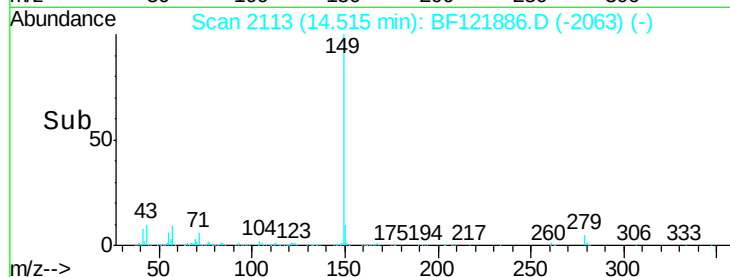
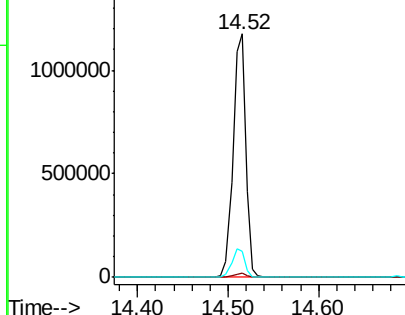
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.0	13.6

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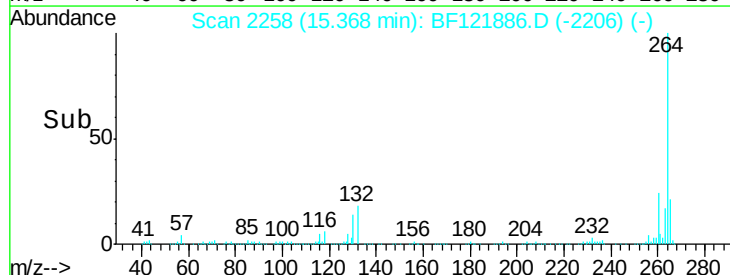
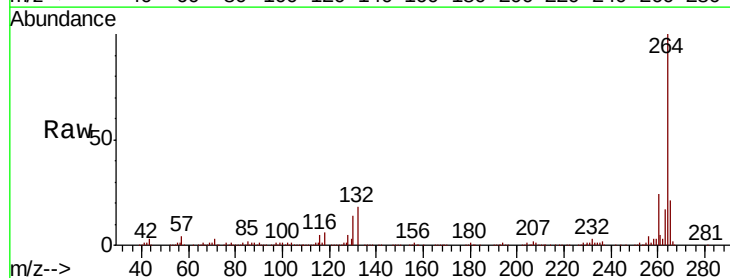
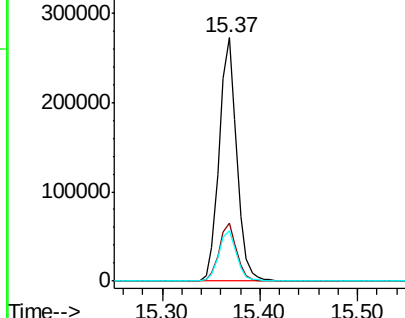
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

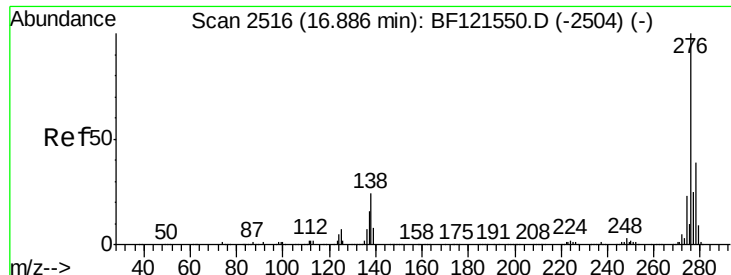


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.7	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





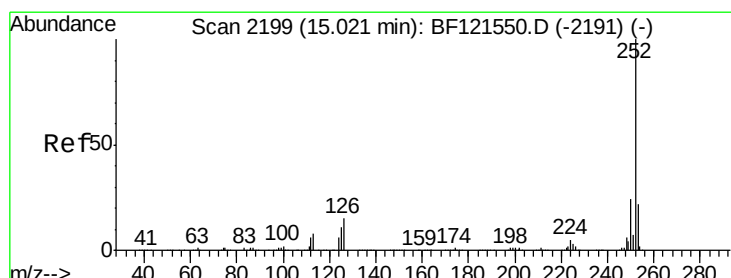
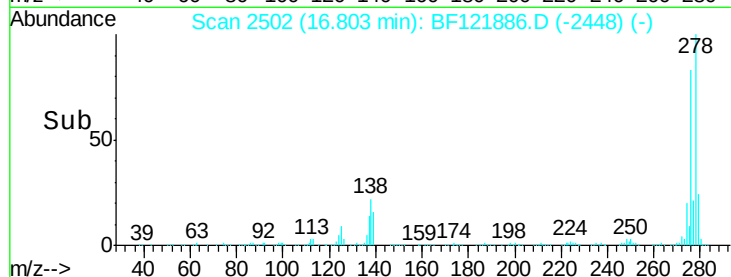
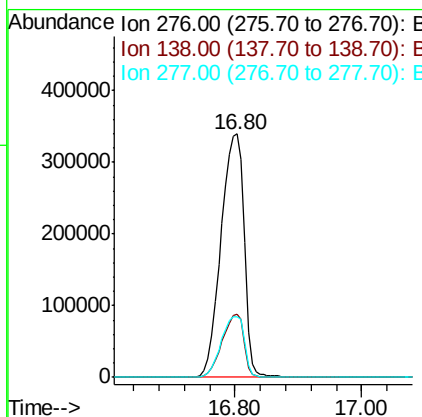
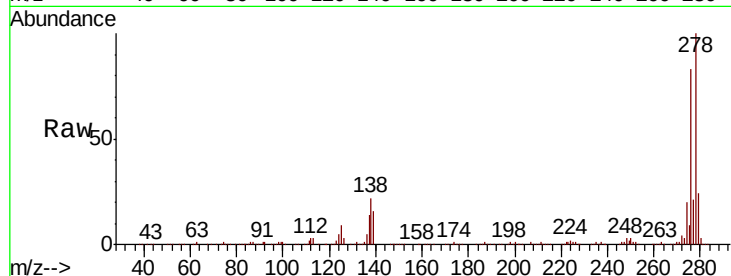
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.917 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. 0.02 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.9	29.9
277	25.1	20.4	30.6

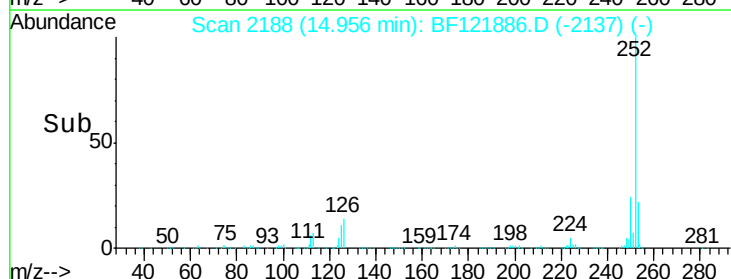
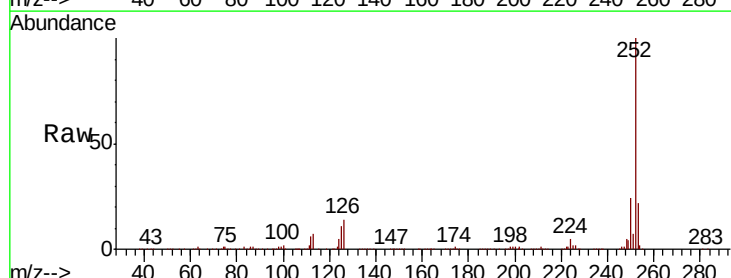
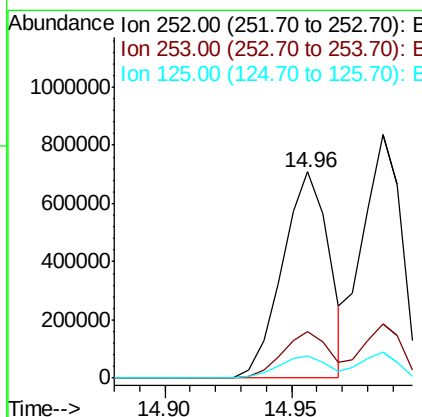
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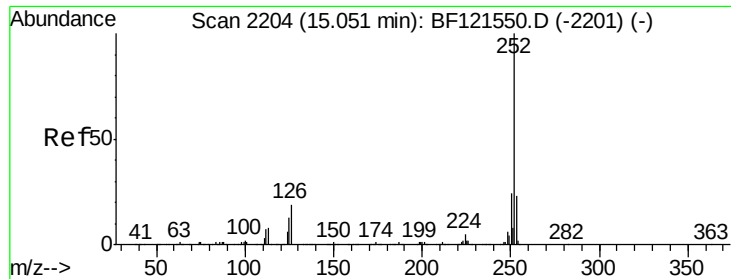
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#88
 Benzo(b)fluoranthene
 Concen: 40.026 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.7	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 43.018 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

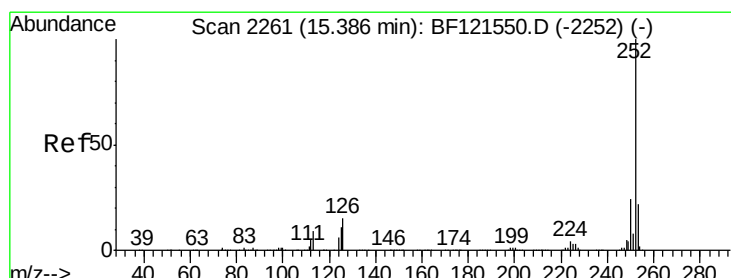
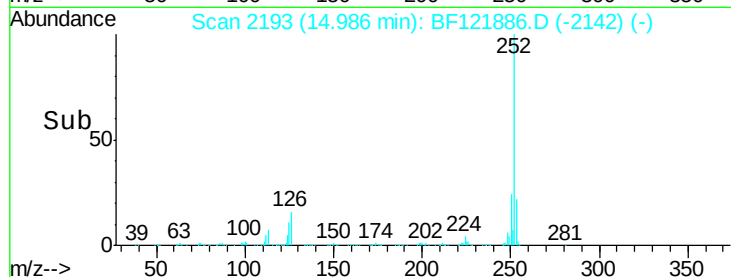
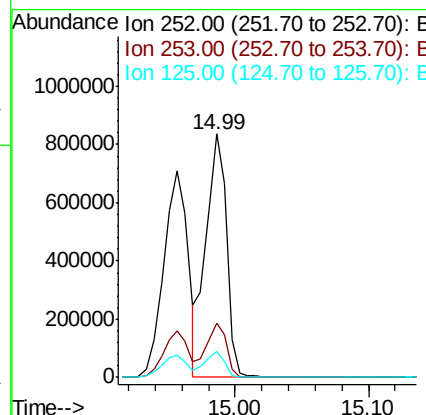
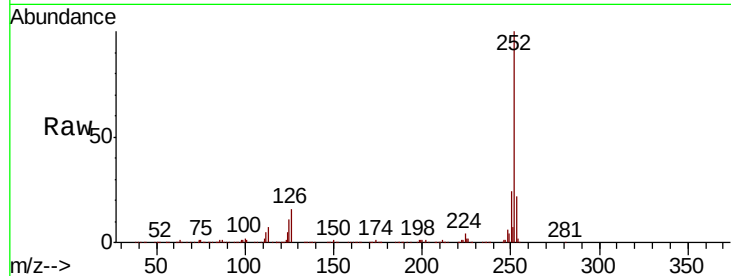
ClientSampleID :

PB132200BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.9	7.7	11.5

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#90

Benzo(a)pyrene

Concen: 41.195 ng

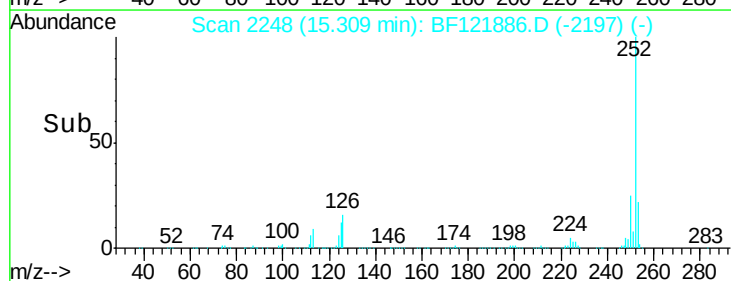
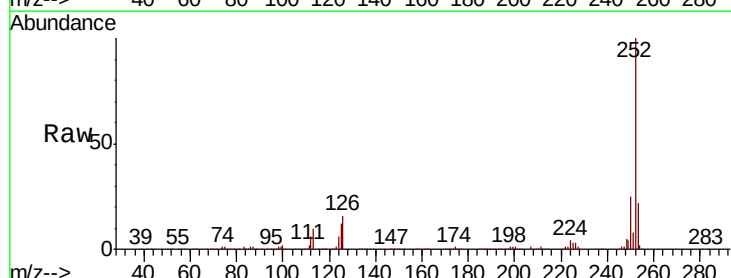
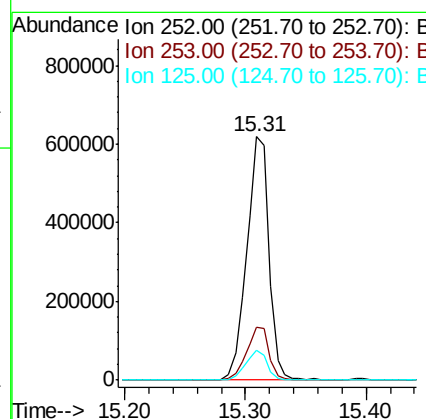
RT: 15.31 min Scan# 2248

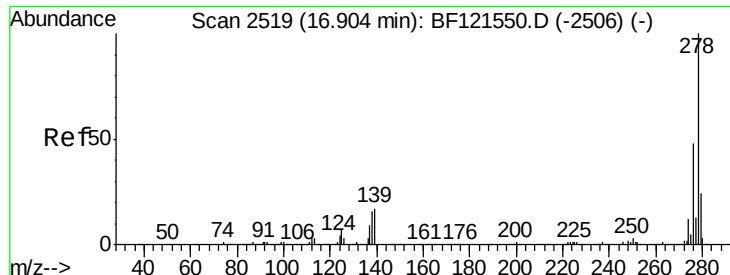
Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	12.4	8.6	13.0





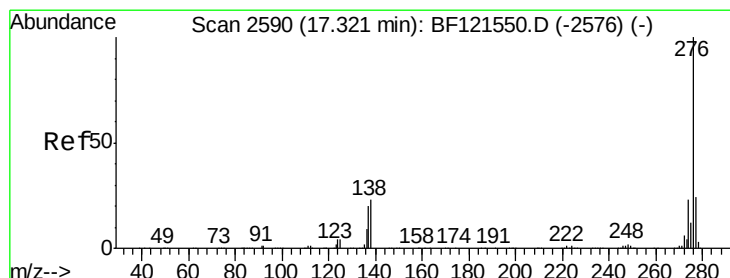
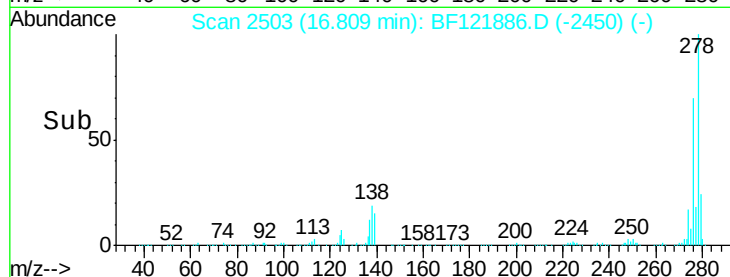
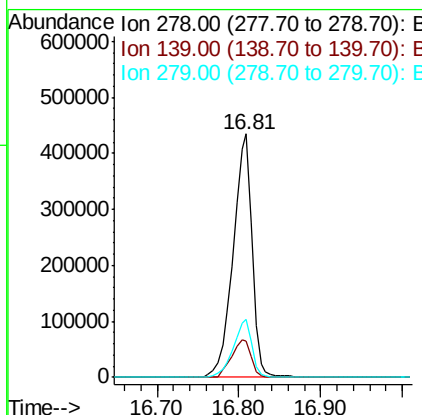
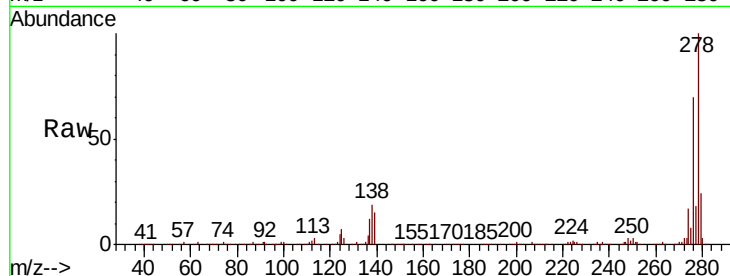
#91
Dibenzo(a,h)anthracene
Concen: 38.351 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	24.0	19.0	28.4

Manual Integrations
APPROVED

mohammad
10/12/2020 11:31:24 AM



#92
Benzo(g,h,i)perylene
Concen: 38.638 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.02 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	22.0	17.8	26.6

