

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121766.D
 Acq On : 1 Oct 2020 14:38
 Operator : JU/CG
 Sample : PB132004BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Manual Integrations
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Quant Time: Oct 01 15:55:21 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	6.77	152	154870	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597793	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	308531	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	583448	20.00	ng	0.00
76) Chrysene-d12	13.93	240	449156	20.00	ng	0.00
86) Perylene-d12	15.37	264	398993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1293696	124.14	ng	0.01
7) Phenol-d6	6.42	99	1673160	122.38	ng	0.00
23) Nitrobenzene-d5	7.34	82	1114486	100.10	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	546692	142.57	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1868350	91.71	ng	0.00
79) Terphenyl-d14	12.88	244	2264742	102.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	173895	36.322	ng	99
3) Pyridine	3.28	79	488716	36.925	ng	99
4) n-Nitrosodimethylamine	3.23	42	258911	42.174	ng	99
6) Aniline	6.44	93	599118	33.647	ng	95
8) 2-Chlorophenol	6.56	128	486147	45.819	ng	97
9) Benzaldehyde	6.32	77	264011	29.539	ng	99
10) Phenol	6.43	94	571878	39.281	ng	91
11) bis(2-Chloroethyl)ether	6.51	93	472077	43.022	ng	99
12) 1,3-Dichlorobenzene	6.71	146	496888	41.958	ng	99
13) 1,4-Dichlorobenzene	6.79	146	502773	42.281	ng	99
14) 1,2-Dichlorobenzene	6.95	146	453920	41.438	ng	99
15) Benzyl Alcohol	6.92	79	384669	41.395	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	739578	41.885	ng	99
17) 2-Methylphenol	7.03	107	393091	43.542	ng	98
18) Hexachloroethane	7.28	117	187451	44.026	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	330144	41.899	ng	99
20) 3+4-Methylphenols	7.19	107	452875	41.752	ng	93
22) Acetophenone	7.19	105	608433	40.115	ng	99
24) Nitrobenzene	7.36	77	515196	42.784	ng	100
25) Isophorone	7.60	82	944256	42.131	ng	98
26) 2-Nitrophenol	7.67	139	252392	44.707	ng	100
27) 2,4-Dimethylphenol	7.72	122	392923	39.275	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	591439	42.626	ng	100
29) 2,4-Dichlorophenol	7.92	162	388288	42.612	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	410043	42.727	ng	100
31) Naphthalene	8.07	128	1312034	41.577	ng	99
32) Benzoic acid	7.87	122	254749	36.133	ng	99
33) 4-Chloroaniline	8.13	127	492424	35.999	ng	99
34) Hexachlorobutadiene	8.19	225	247068	43.861	ng	99
35) Caprolactam	8.52	113	143684m	47.351	ng	
36) 4-Chloro-3-methylphenol	8.62	107	421761	42.967	ng	98
37) 2-Methylnaphthalene	8.77	142	864337	41.795	ng	98
38) 1-Methylnaphthalene	8.87	142	817242	42.461	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	399854	41.489	ng	99

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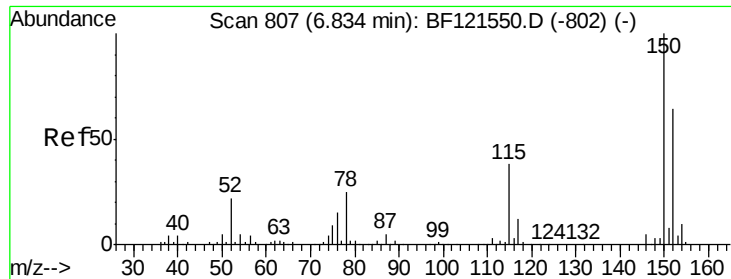
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	356300	64.738	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	278856	42.450	nq	100
44) 2,4,5-Trichlorophenol	9.10	196	300009	43.201	nq	97
46) 1,1'-Biphenyl	9.23	154	1020468	41.315	nq	99
47) 2-Chloronaphthalene	9.26	162	813114	41.775	nq	100
48) 2-Nitroaniline	9.36	65	285197	47.152	nq	98
49) Acenaphthylene	9.67	152	1250971	41.830	nq	100
50) Dimethylphthalate	9.54	163	984161	44.011	nq	100
51) 2,6-Dinitrotoluene	9.60	165	220649	46.332	nq #	84
52) Acenaphthene	9.85	154	742752	39.322	nq	100
53) 3-Nitroaniline	9.77	138	199981	36.249	nq	98
54) 2,4-Dinitrophenol	9.89	184	228718	82.898	nq	99
55) Dibenzofuran	10.02	168	1094436	41.143	nq	98
56) 4-Nitrophenol	9.95	139	340962	77.497	nq	98
57) 2,4-Dinitrotoluene	10.01	165	280540	46.824	nq	98
58) Fluorene	10.36	166	861956	42.372	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	252719	44.763	nq	99
60) Diethylphthalate	10.24	149	947839	43.474	nq	100
61) 4-Chlorophenyl-phenylether	10.35	204	421282	43.232	nq	99
62) 4-Nitroaniline	10.39	138	242867	44.337	nq	99
63) Azobenzene	10.51	77	994306	42.825	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	172968	48.267	nq	93
66) n-Nitrosodiphenylamine	10.47	169	833182	41.624	nq	99
67) 4-Bromophenyl-phenylether	10.84	248	288235	43.390	nq	97
68) Hexachlorobenzene	10.91	284	326697	43.579	nq #	90
69) Atrazine	11.00	200	253520	50.979	nq	99
70) Pentachlorophenol	11.10	266	306156	74.363	nq	100
71) Phenanthrene	11.32	178	1295609	40.757	nq	99
72) Anthracene	11.37	178	1338722	40.809	nq	100
73) Carbazole	11.53	167	1201667	40.593	nq	100
74) Di-n-butylphthalate	11.86	149	1480100	43.320	nq	100
75) Fluoranthene	12.50	202	1412001	41.610	nq	99
77) Benzidine	12.63	184	787031	52.855	nq	99
78) Pyrene	12.73	202	1423575	43.380	nq	99
80) Butylbenzylphthalate	13.35	149	626591	47.211	nq	97
81) Benzo(a)anthracene	13.92	228	1199953	42.228	nq	100
82) 3,3'-Dichlorobenzidine	13.89	252	362519	32.678	nq	100
83) Chrysene	13.96	228	1210045	42.052	nq	99
84) Bis(2-ethylhexyl)phthalate	13.91	149	825341	46.549	nq	99
85) Di-n-octyl phthalate	14.52	149	1437943	45.954	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1209566	46.551	nq	100
88) Benzo(b)fluoranthene	14.96	252	1164186	43.646	nq	99
89) Benzo(k)fluoranthene	14.99	252	1147414	46.976	nq	99
90) Benzo(a)pyrene	15.31	252	1048617	46.249	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	1003456	46.393	nq	100
92) Benzo(g,h,i)perylene	17.22	276	976624	45.934	nq	98

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



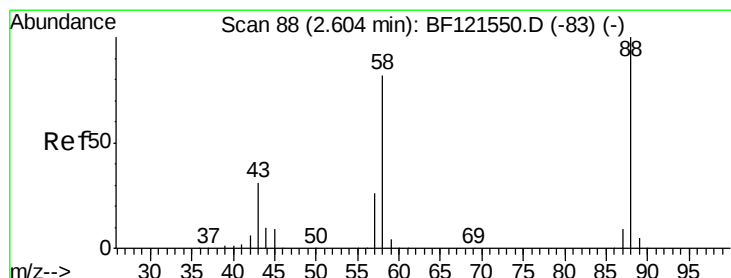
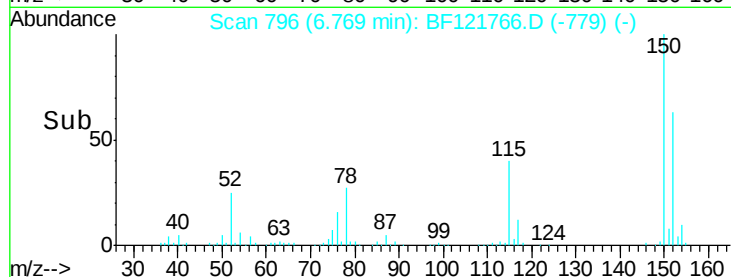
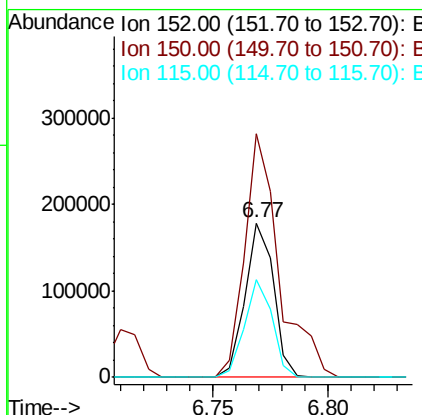
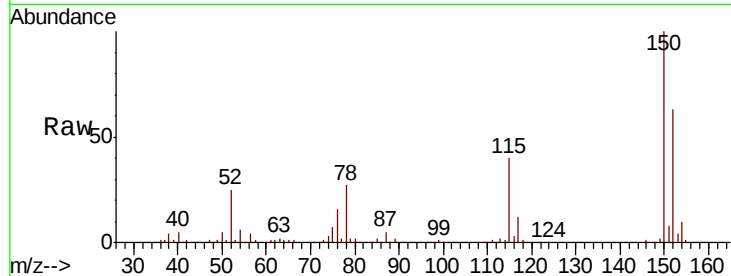
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.3	187.9
115	63.5	51.9	77.9

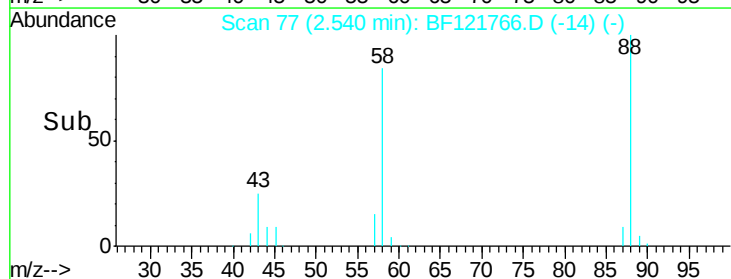
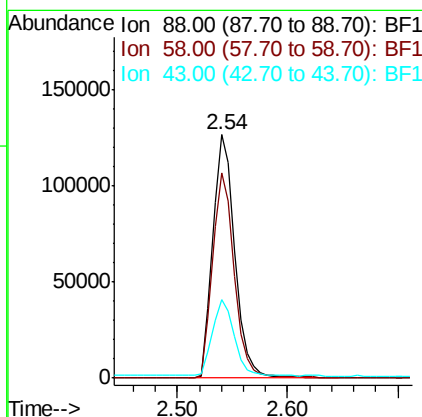
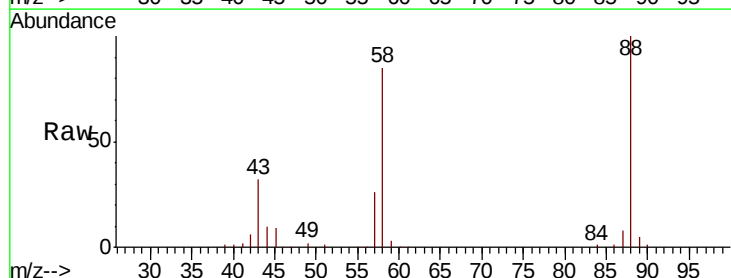
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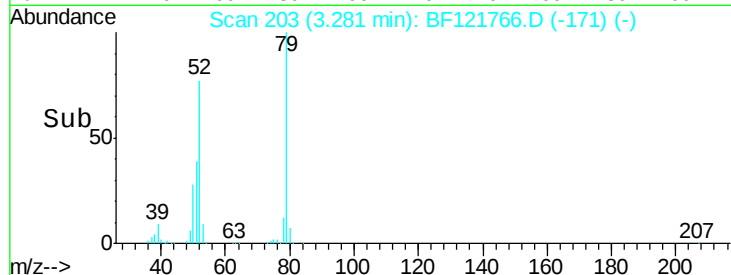
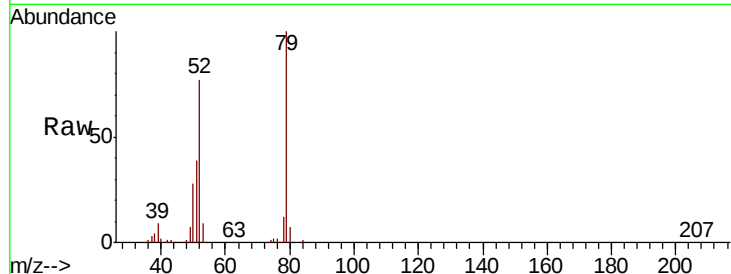
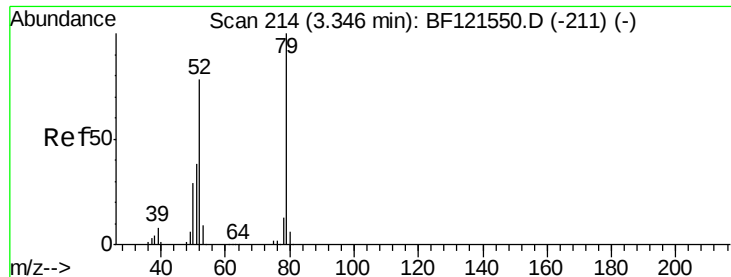
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#2
 1,4-Dioxane
 Concen: 36.322 ng
 RT: 2.54 min Scan# 77
 Delta R.T. 0.07 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	65.8	98.8
43	30.9	25.8	38.8





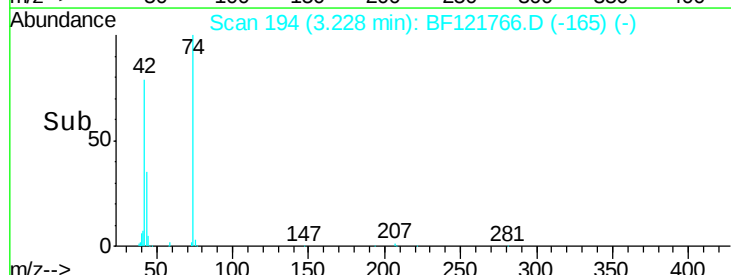
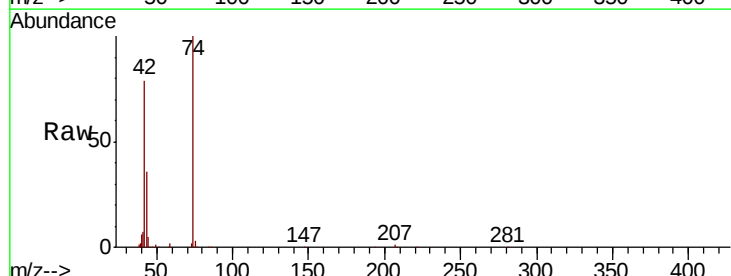
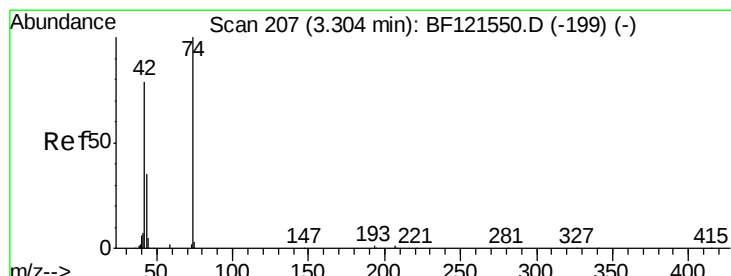
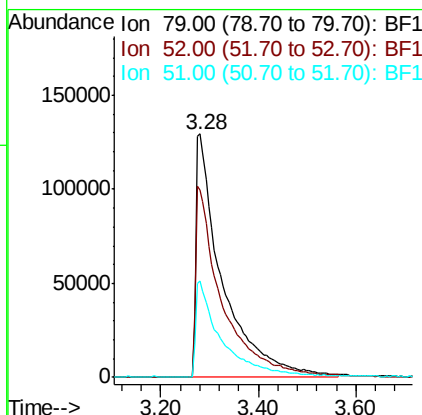
#3
Pvridine
Concen: 36.925 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.09 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tot Ion:	79	Resp:	488716
Ion Ratio	Lower	Upper	
79	100		
52	77.1	62.2	93.4
51	39.4	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
PB132004BS

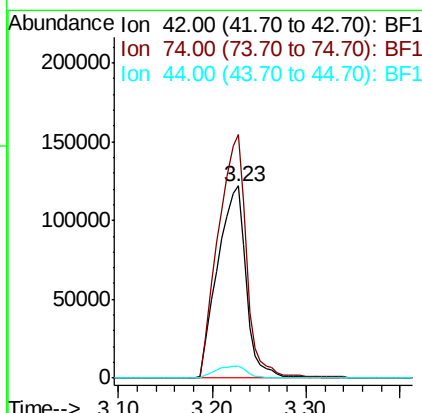
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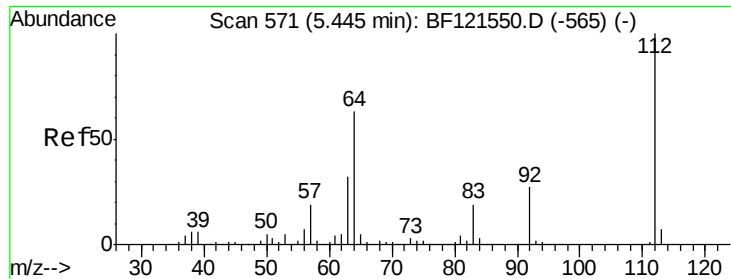
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#4
n-Nitrosodimethylamine
Concen: 42.174 ng
RT: 3.23 min Scan# 194
Delta R.T. 0.07 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:	42	Resp:	258911
Ion Ratio	Lower	Upper	
42	100		
74	126.6	100.2	150.2
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 124.142 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

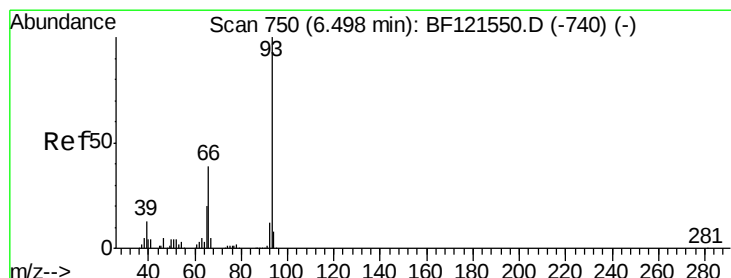
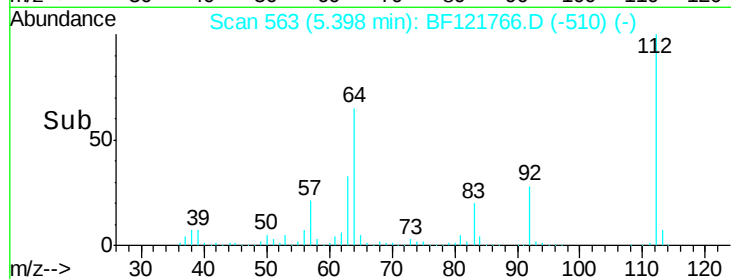
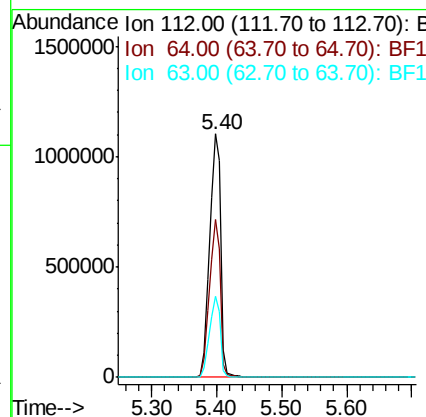
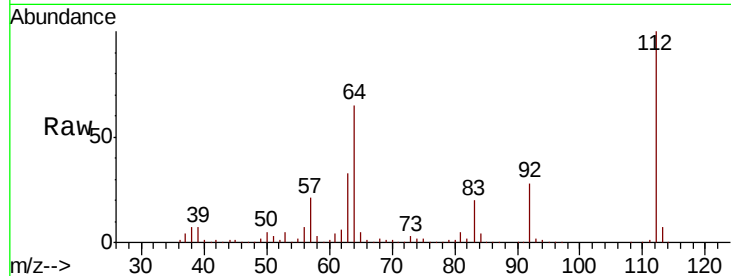
ClientSampled :

PB132004BS

Tot Ion:	112	Resp:	1293696
Ion Ratio	Lower	Upper	
112	100		
64	65.1	50.4	75.6
63	33.5	25.8	38.6

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#6

Aniline

Concen: 33.647 ng

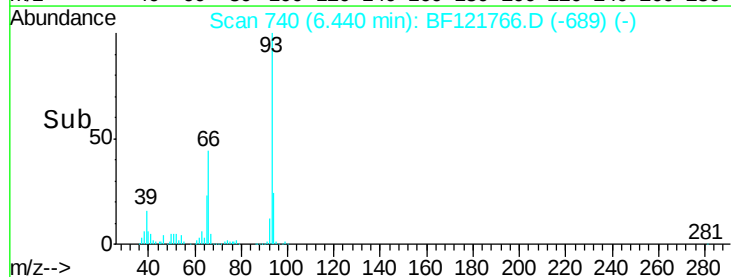
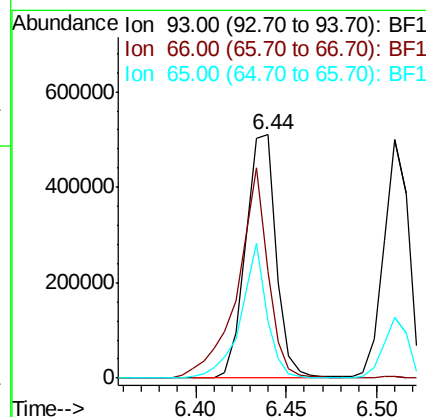
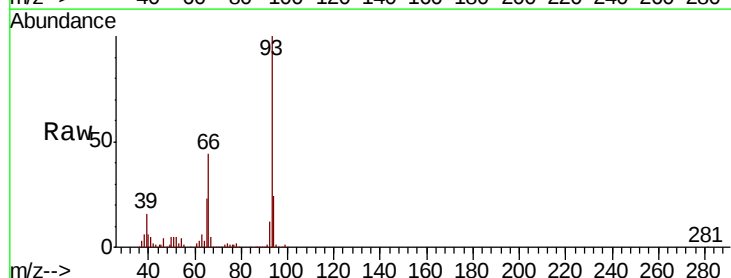
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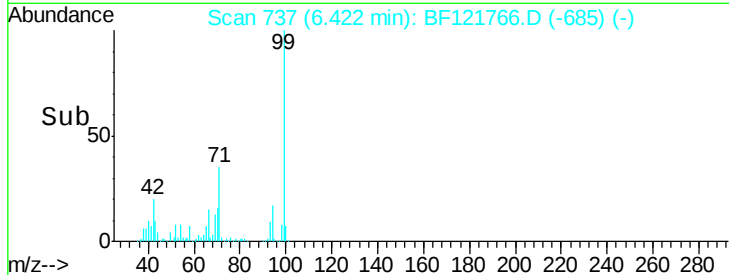
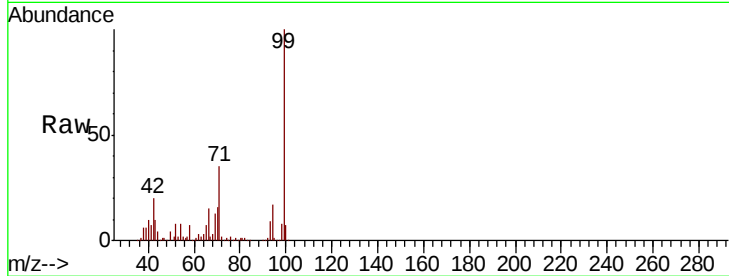
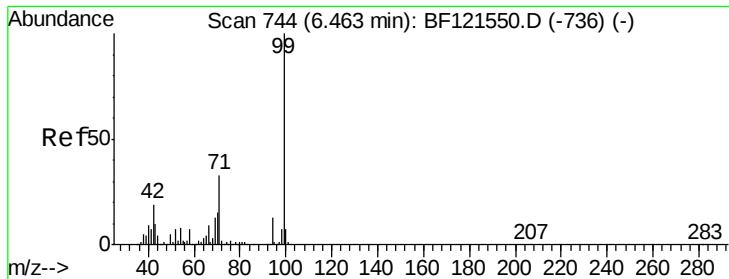
Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:	93	Resp:	599118
Ion Ratio	Lower	Upper	
93	100		
66	44.0	32.7	49.1
65	23.3	16.6	24.8





#7

Phenol-d6

Concen: 122.380 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tot Ion:	99	Resp:	1673160
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.8	27.1	40.7

Instrument :

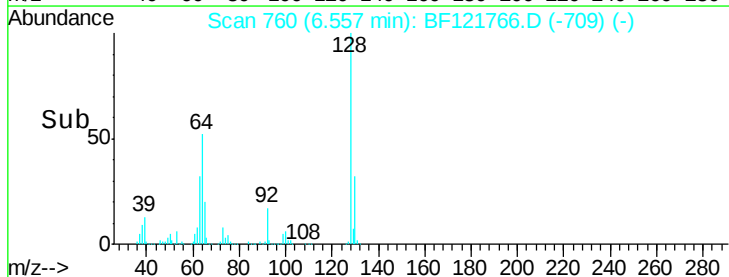
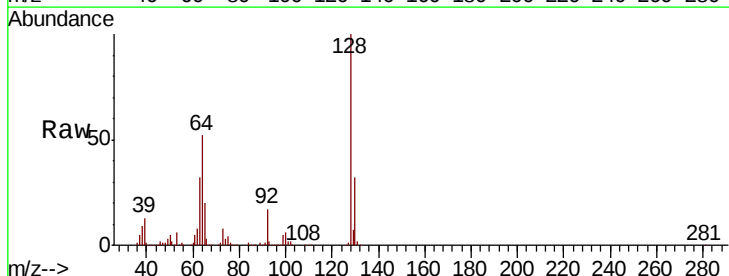
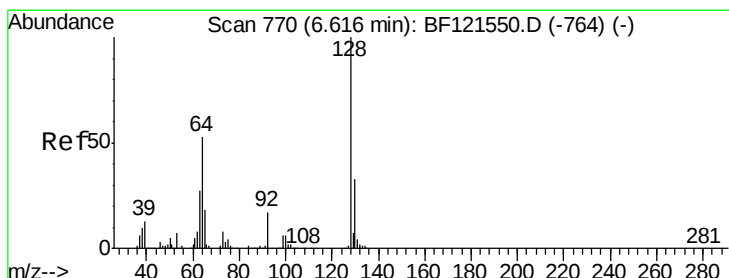
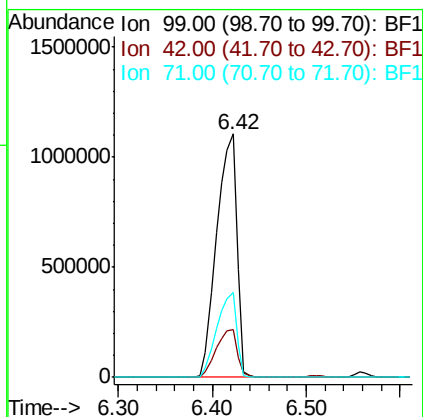
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#8

2-Chlorophenol

Concen: 45.819 ng

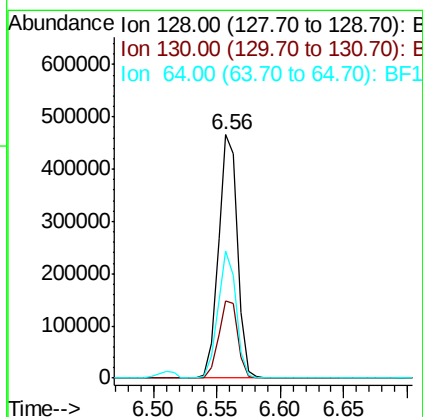
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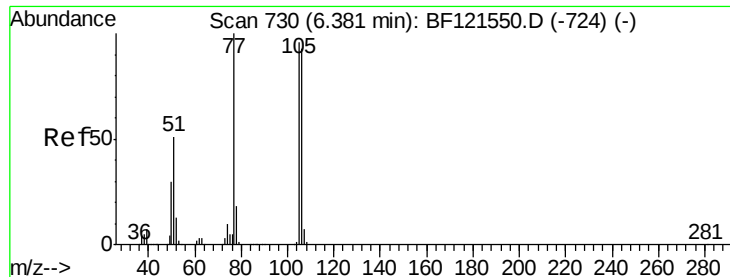
Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:	128	Resp:	486147
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	52.1	34.8	74.8





#9

Benzaldehyde

Concen: 29.539 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

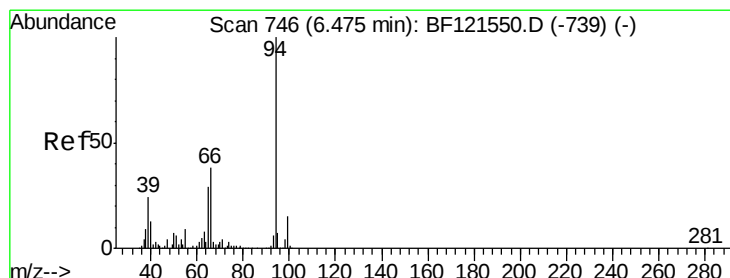
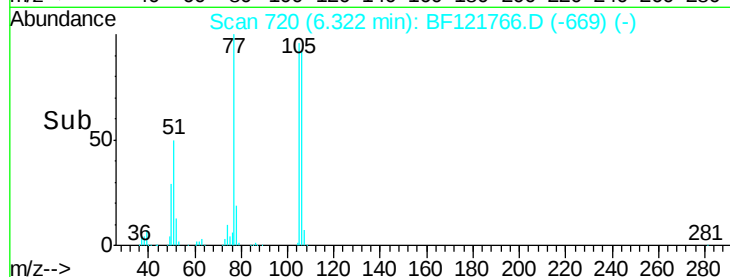
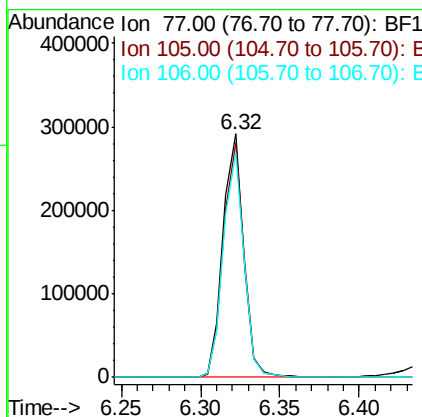
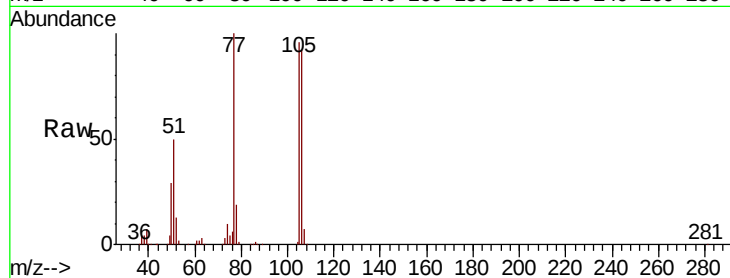
ClientSampleId :

PB132004BS

Tot Ion:	77	Resp:	264011
Ion Ratio	Lower	Upper	
77	100		
105	96.4	76.7	116.7
106	92.1	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 39.281 ng

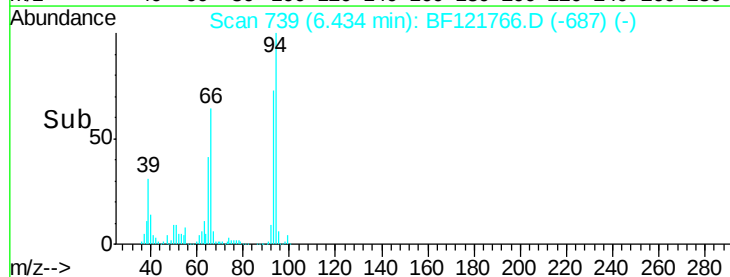
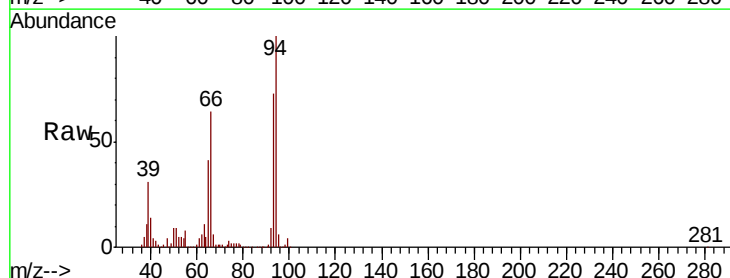
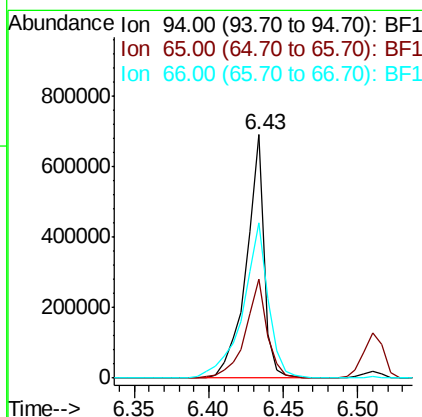
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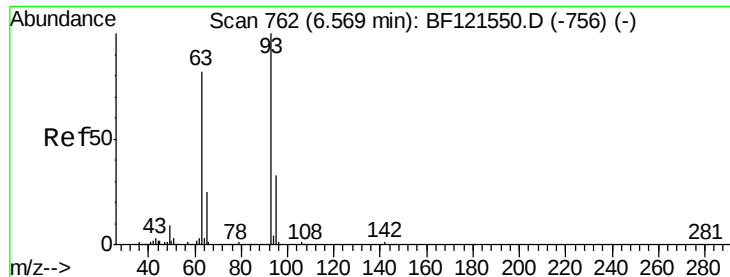
Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:	94	Resp:	571878
Ion Ratio	Lower	Upper	
94	100		
65	40.9	17.1	57.1
66	63.7	36.0	76.0





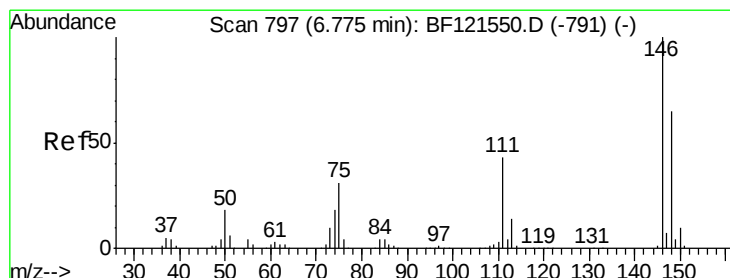
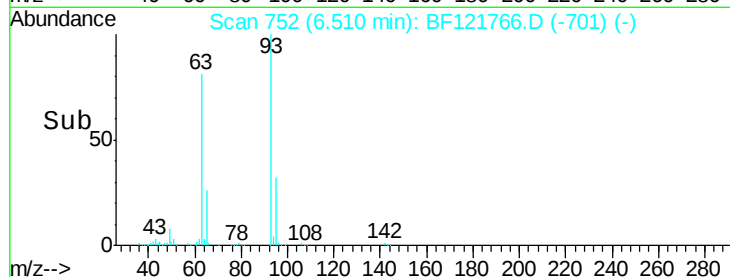
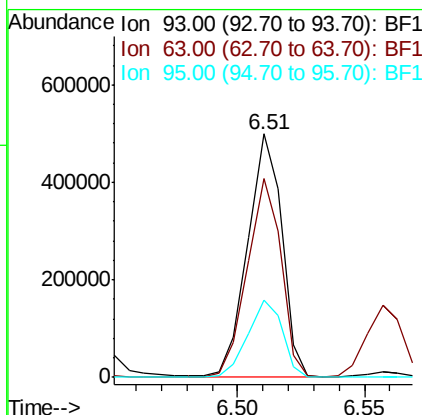
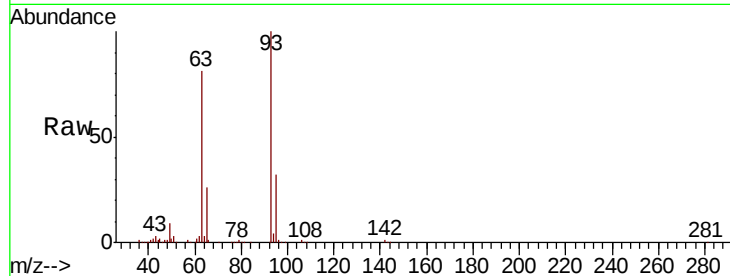
#11
bis(2-Chloroethyl)ether
Concen: 43.022 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	62.4	102.4
95	31.7	12.6	52.6

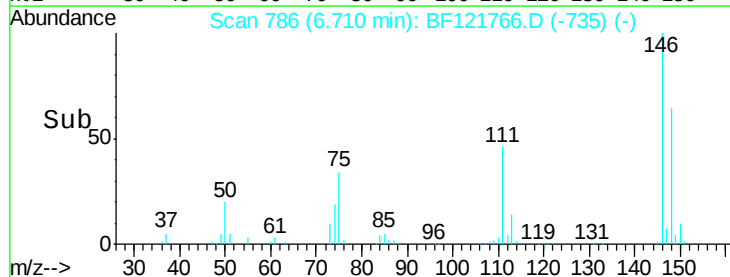
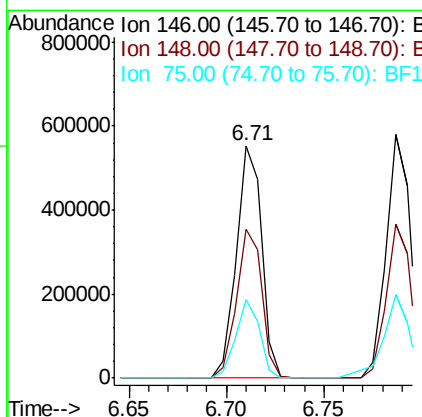
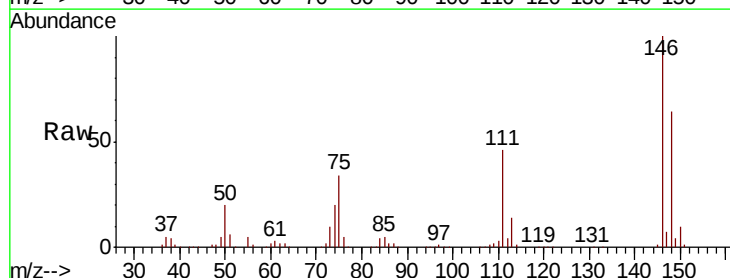
Manual Integrations
APPROVED

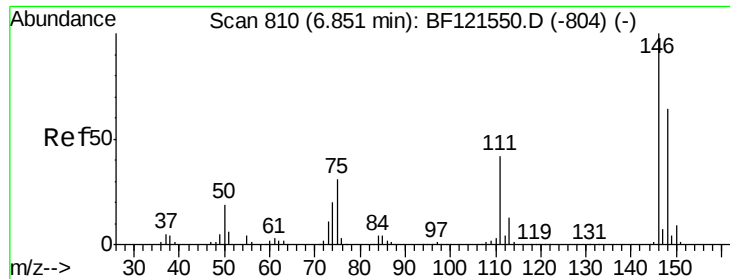
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.958 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	33.9	27.6	41.4





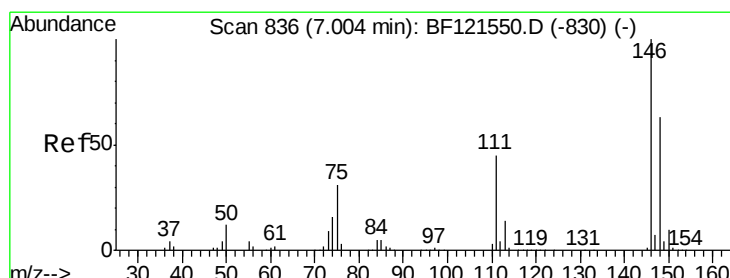
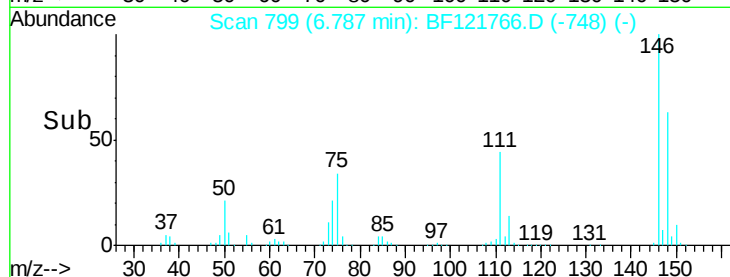
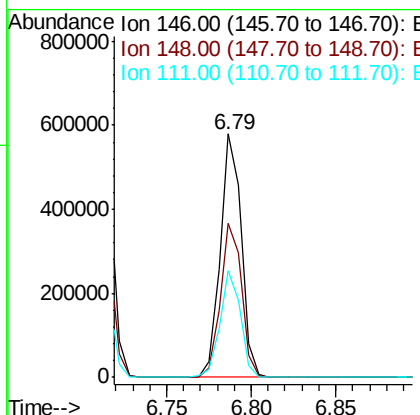
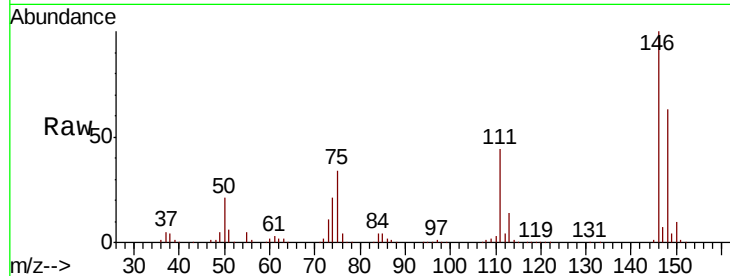
#13
1,4-Dichlorobenzene
Concen: 42.281 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.1	75.1
111	43.7	34.6	52.0

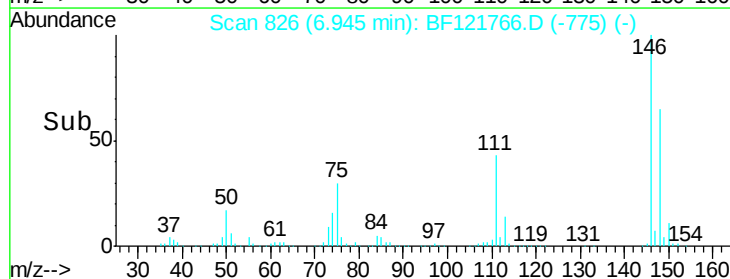
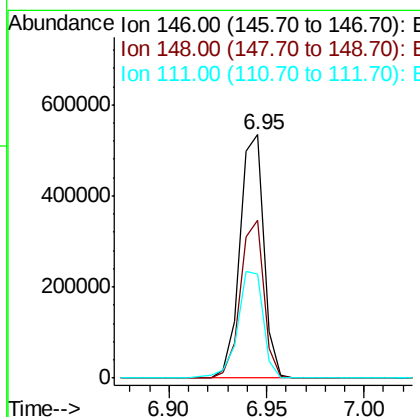
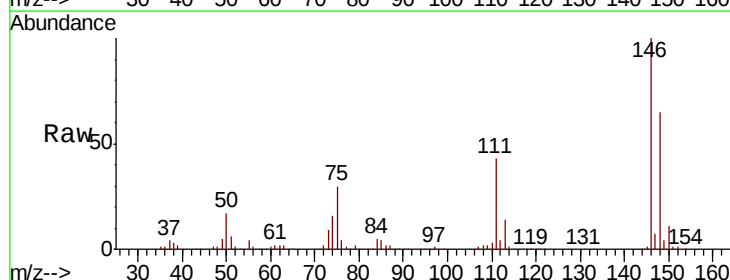
Manual Integrations
APPROVED

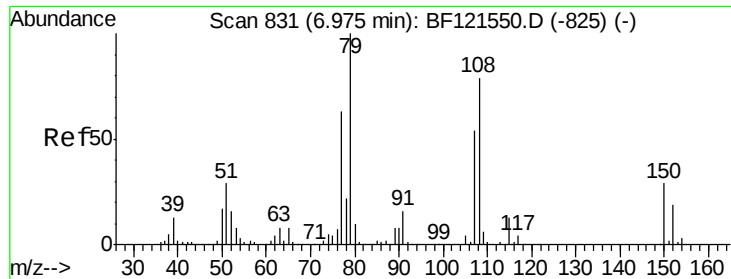
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.438 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	42.5	34.2	51.4





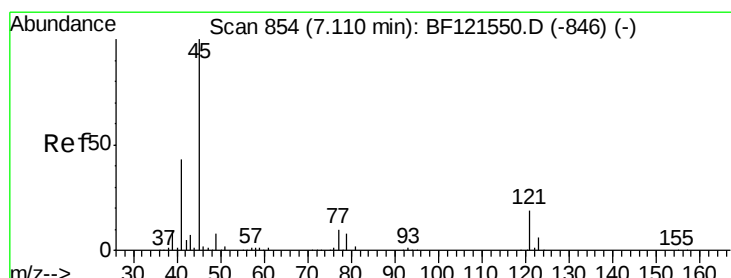
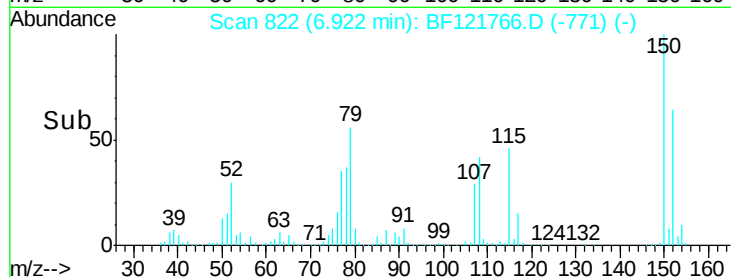
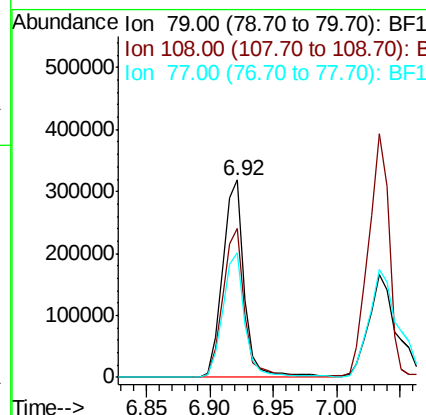
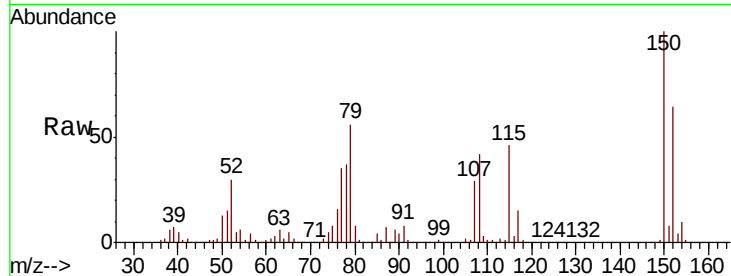
#15
Benzyl Alcohol
Concen: 41.395 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampled :
PB132004BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.3	93.5
77	63.3	50.6	75.8

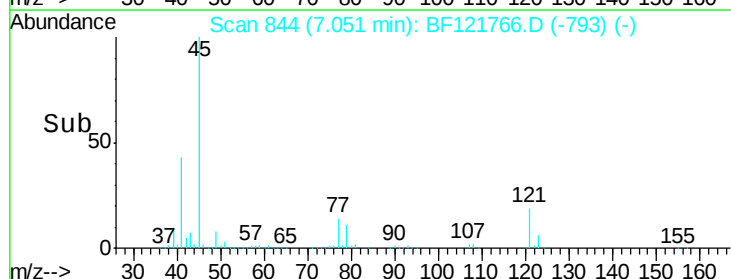
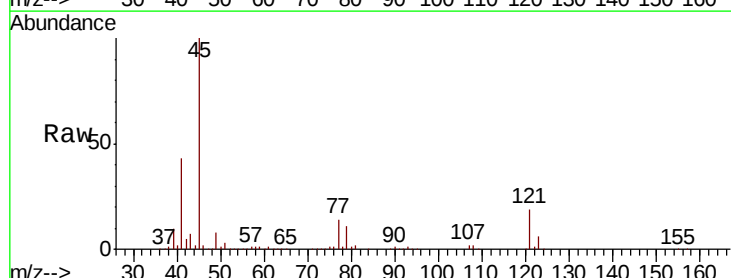
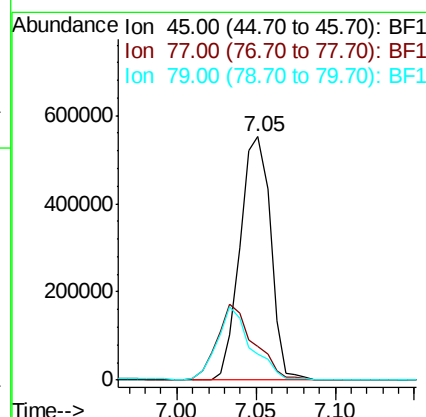
Manual Integrations
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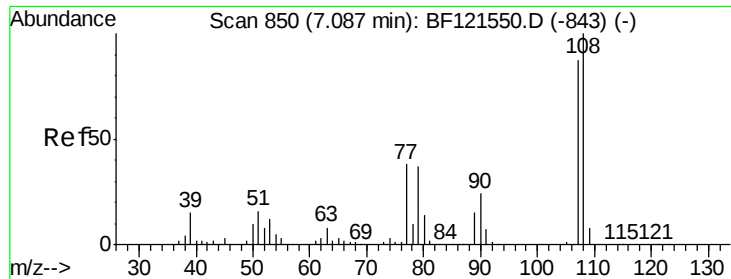
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.885 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.3
79	10.9	0.0	30.4





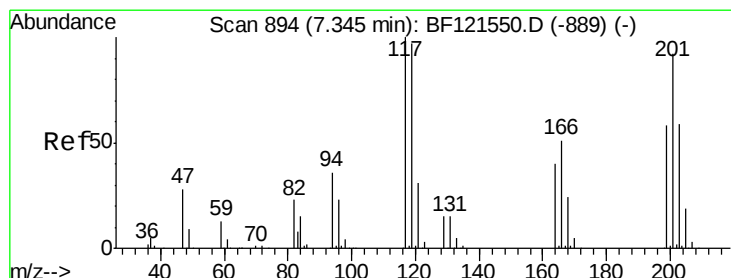
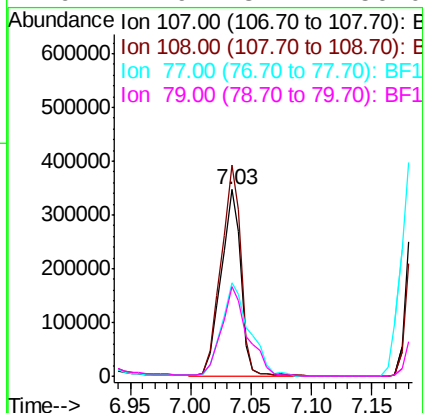
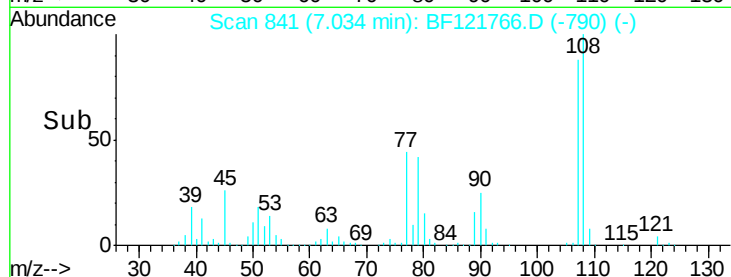
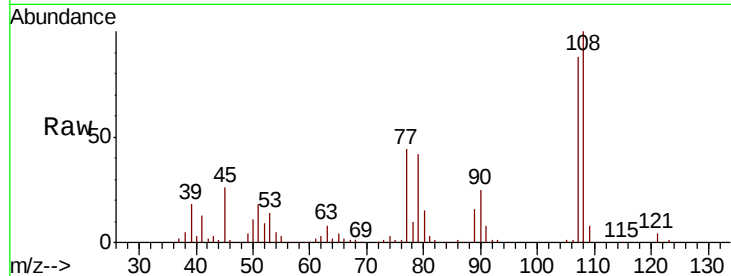
#17
2-Methylphenol
Concen: 43.542 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	393091		
108	113.4	90.9	136.3	
77	50.1	37.5	56.3	
79	47.9	37.4	56.0	

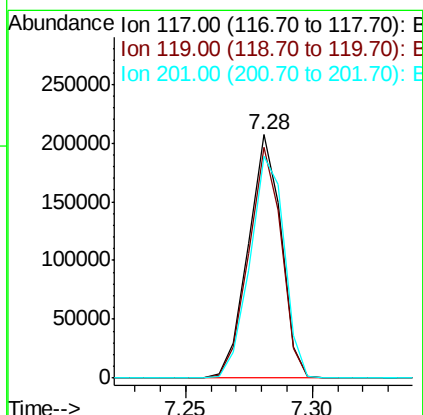
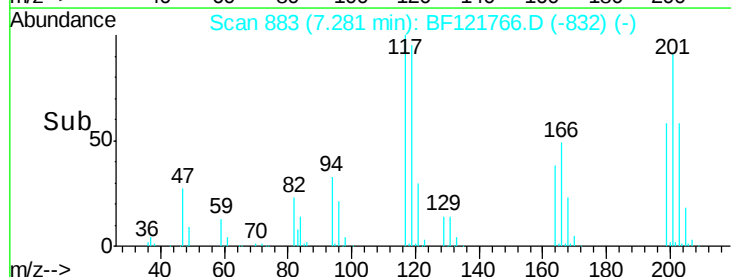
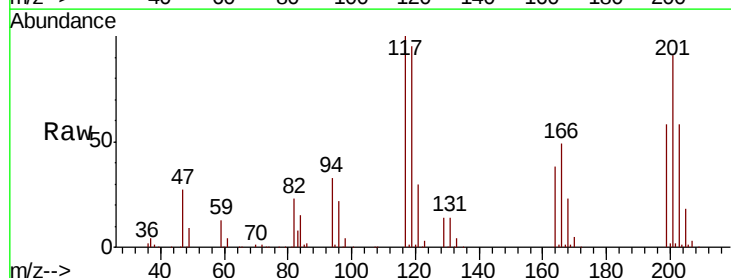
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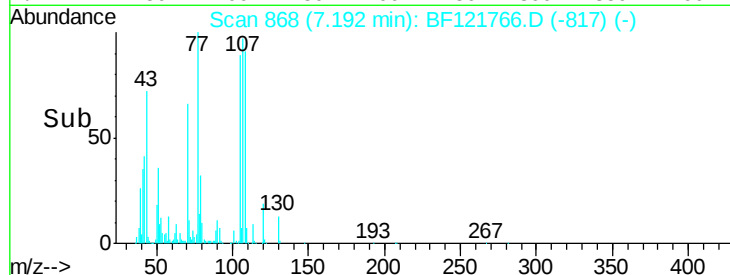
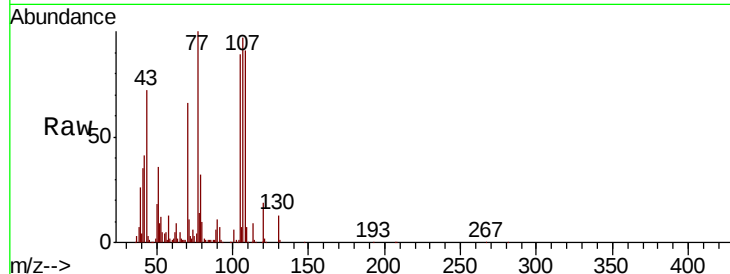
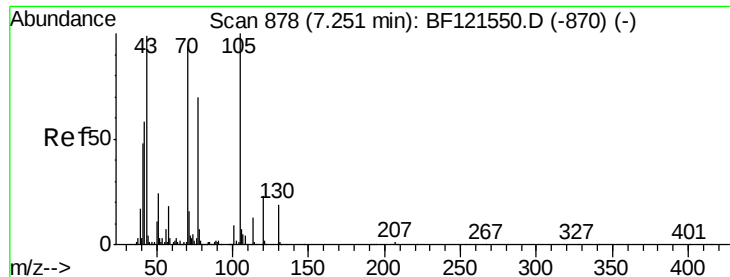
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#18
Hexachloroethane
Concen: 44.026 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	187451		
119	94.9	76.3	114.5	
201	91.2	71.8	107.6	





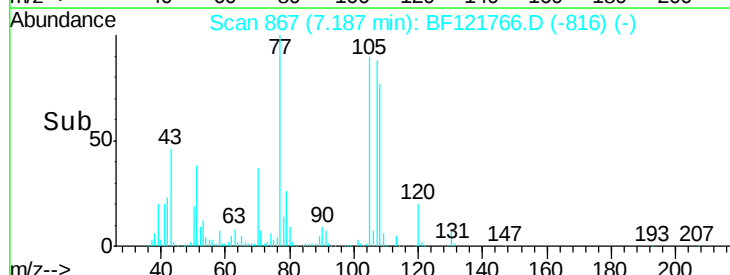
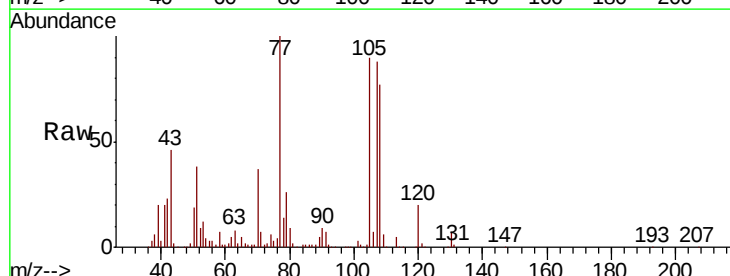
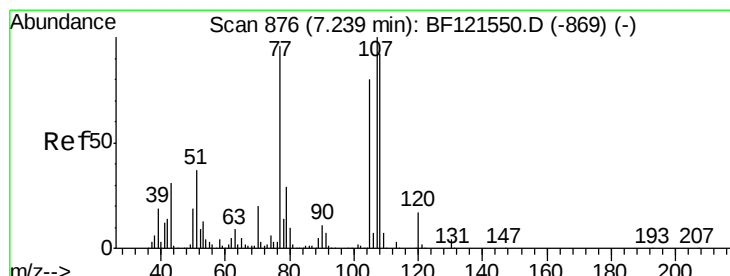
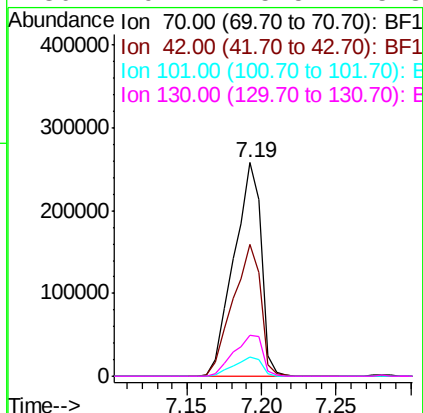
#19
n-Nitroso-di-n-propylamine
Concen: 41.899 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Manual Integrations
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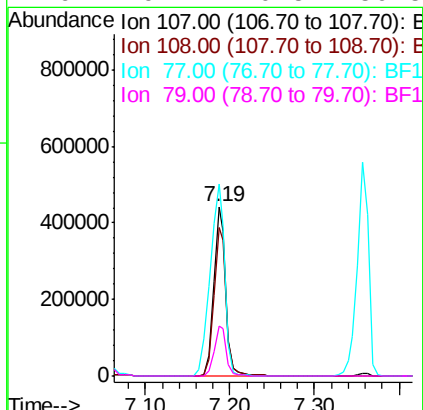
mohammad
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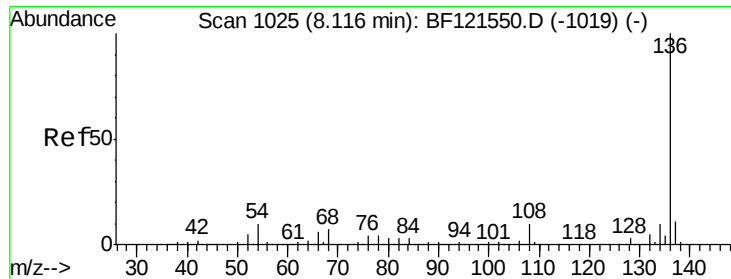
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.0	50.2	75.4	
101	9.3	7.5	11.3	
130	19.4	15.5	23.3	



#20
3+4-Methylphenols
Concen: 41.752 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	68.9	108.9	
77	113.5	108.0	148.0	
79	29.1	10.5	50.5	





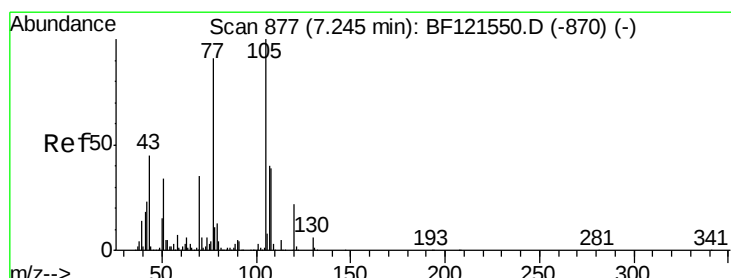
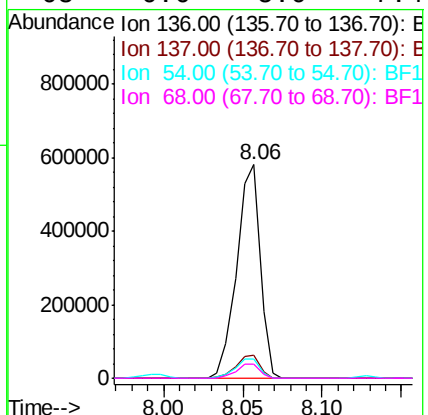
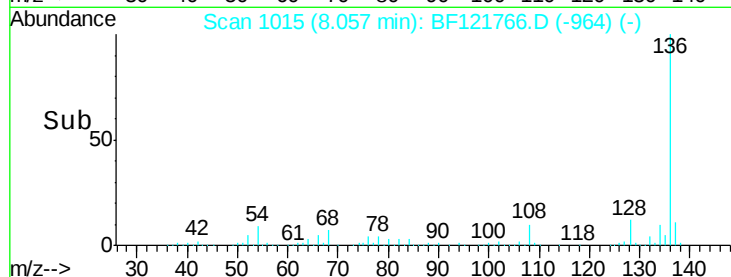
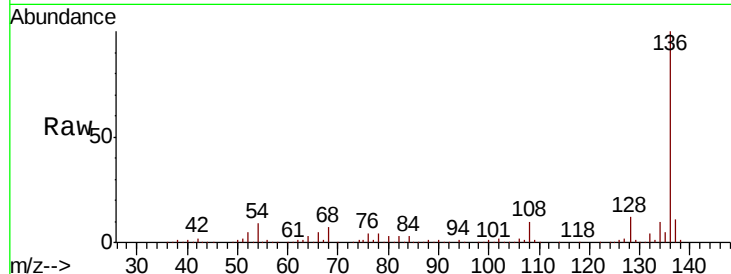
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	597793		
137	10.9	8.6	13.0	
54	8.7	7.1	10.7	
68	6.6	5.0	7.4	

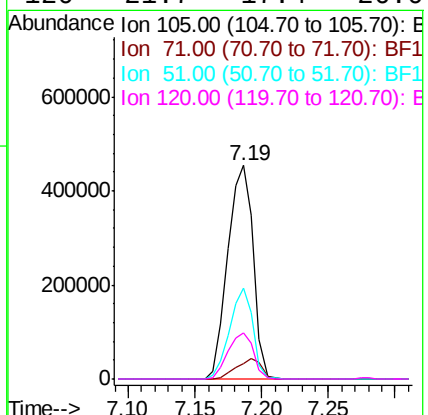
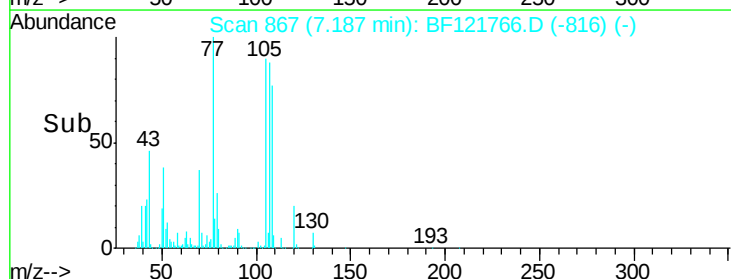
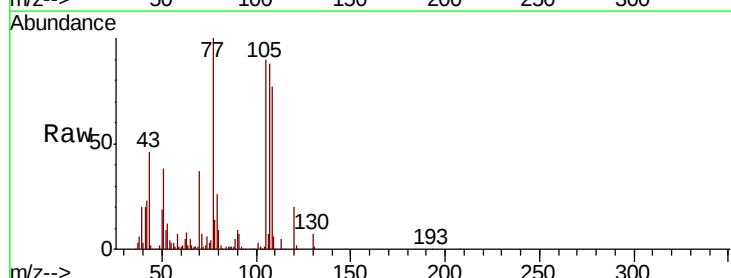
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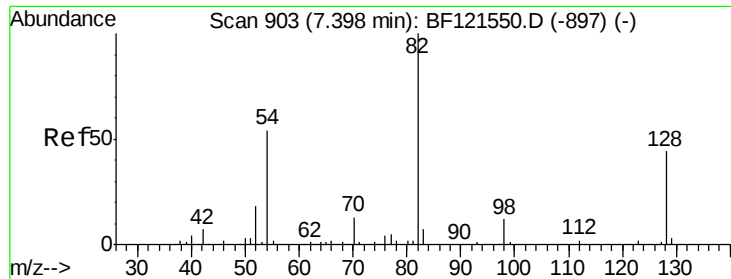
mohammad
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#22
Acetophenone
Concen: 40.115 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608433		
71	7.2	5.3	7.9	
51	42.6	33.2	49.8	
120	21.7	17.4	26.0	





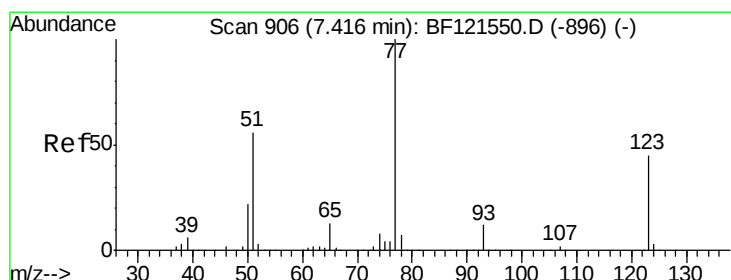
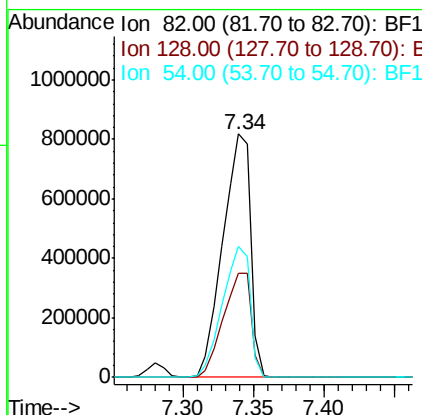
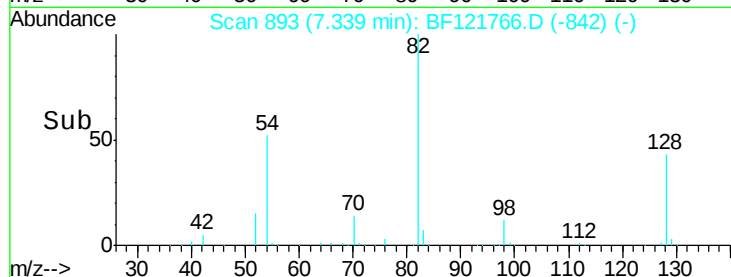
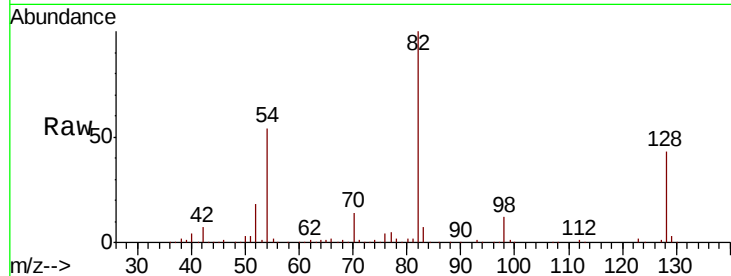
#23
Nitrobenzene-d5
Concen: 100.099 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion: 82 Resp: 1114486
Ion Ratio Lower Upper
82 100
128 42.7 35.0 52.4
54 53.9 43.9 65.9

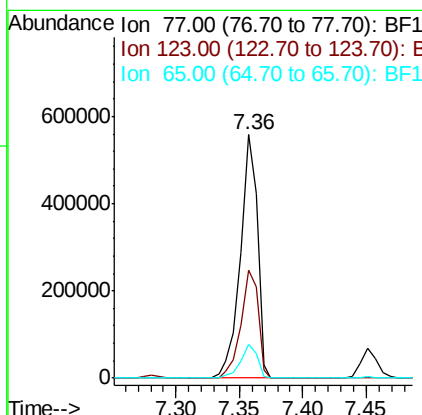
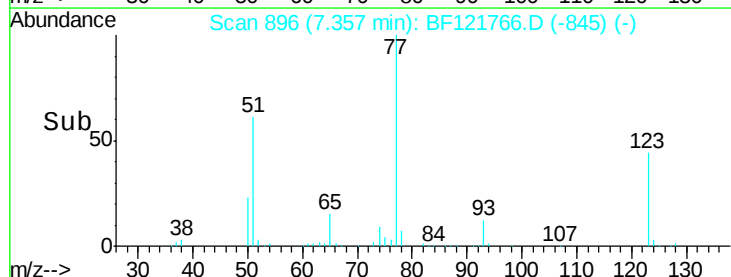
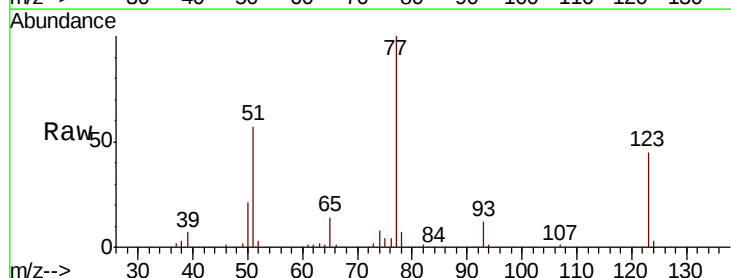
Manual Integrations
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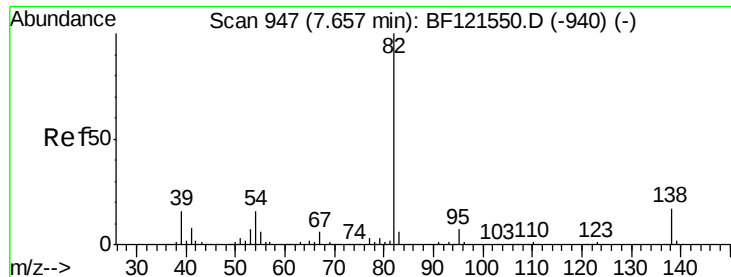
mohammad
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#24
Nitrobenzene
Concen: 42.784 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion: 77 Resp: 515196
Ion Ratio Lower Upper
77 100
123 44.5 35.6 53.4
65 13.8 11.2 16.8





#25

Isophorone

Concen: 42.131 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

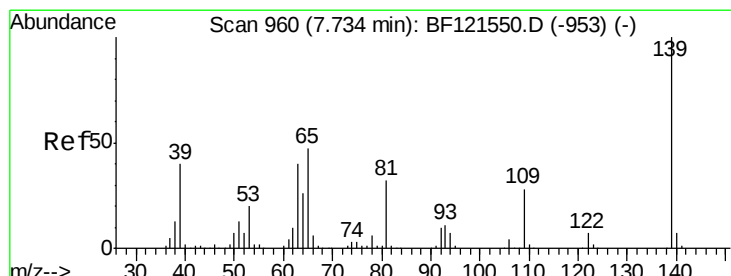
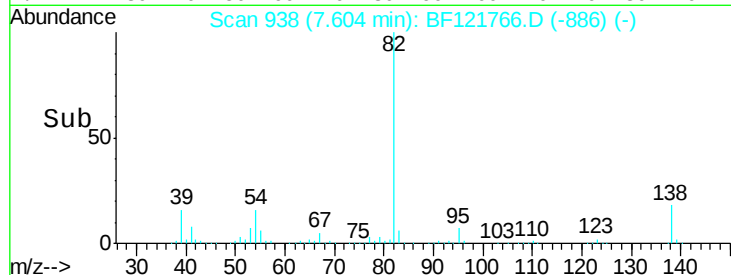
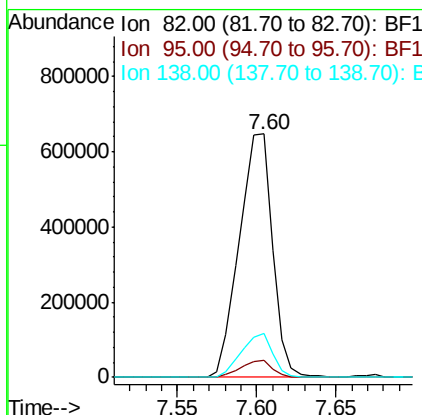
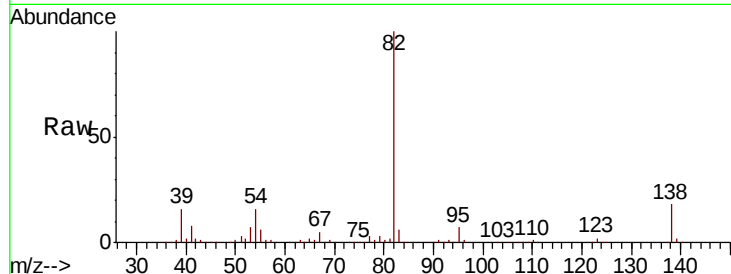
ClientSampleId :

PB132004BS

Tot Ion:	82	Resp:	944256
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.0
138	17.9	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.707 ng

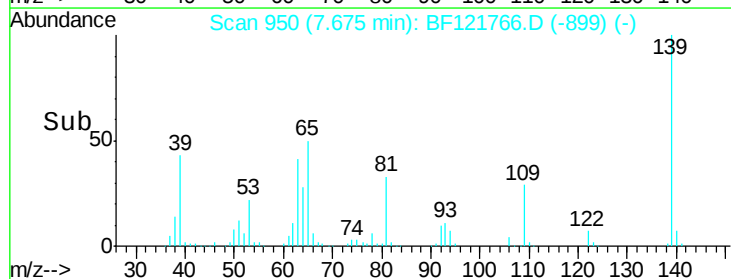
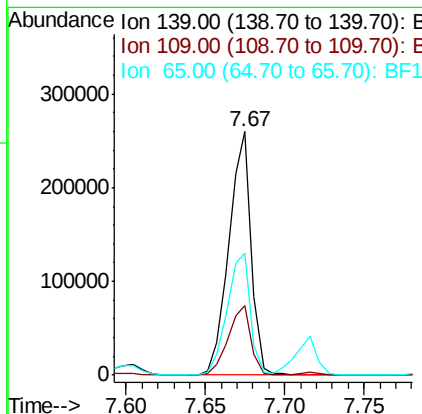
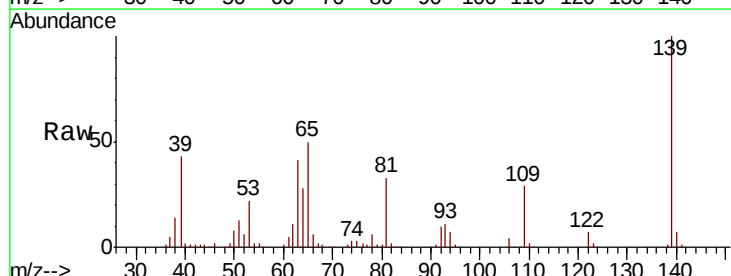
RT: 7.67 min Scan# 950

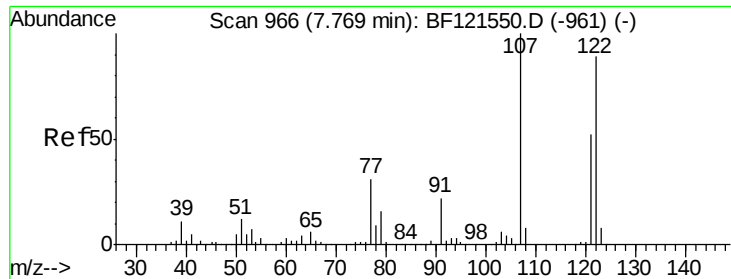
Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:	139	Resp:	252392
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.0	34.4
65	50.2	39.9	59.9





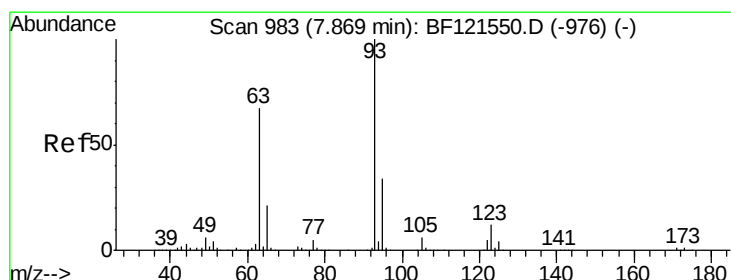
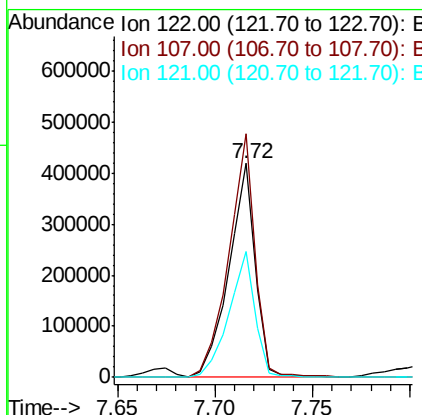
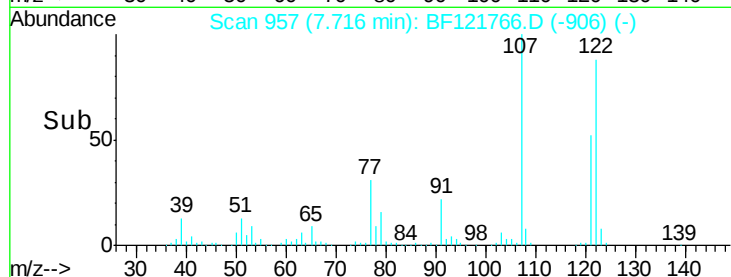
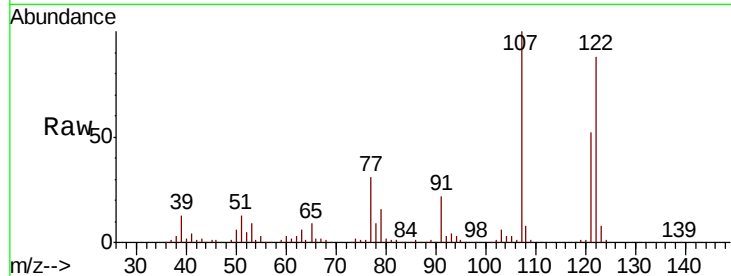
#27
2,4-Dimethylphenol
Concen: 39.275 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	90.8	136.2
121	58.8	47.5	71.3

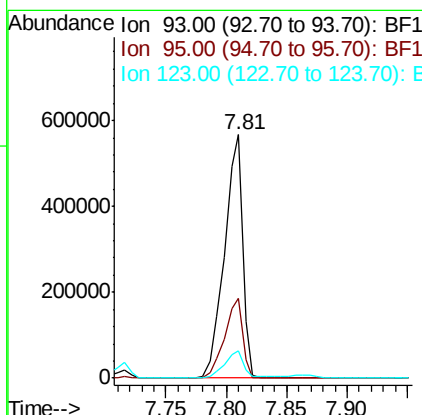
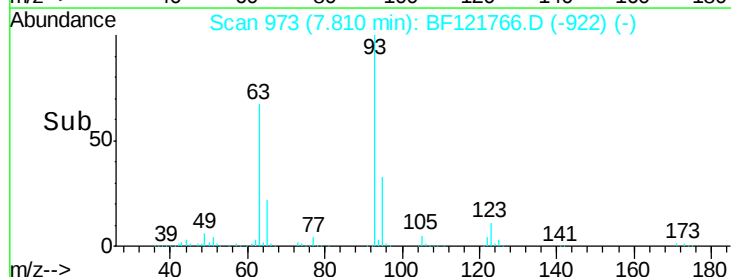
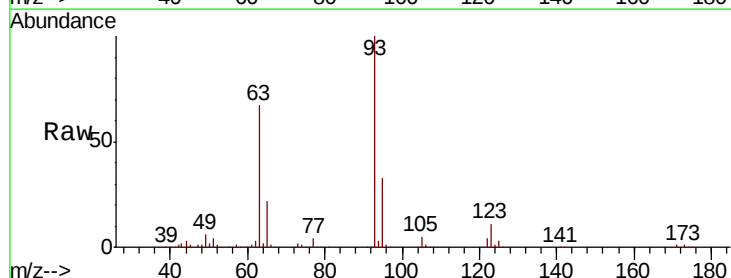
Manual Integrations
APPROVED

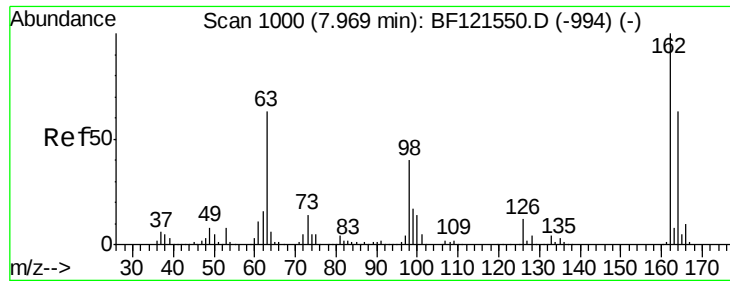
mohammad
10/2/2020 12:10:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.626 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.3	8.8	13.2





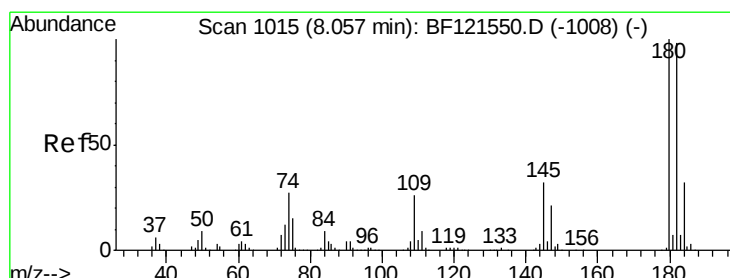
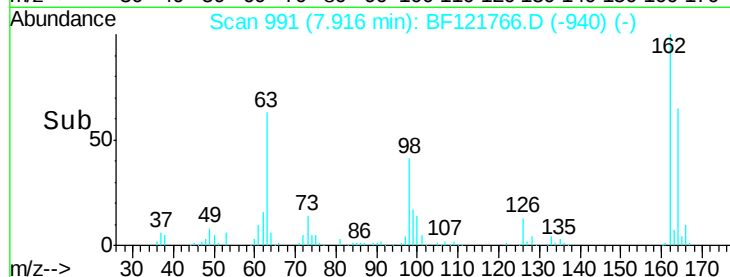
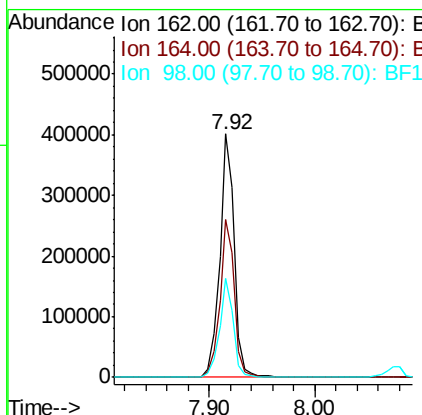
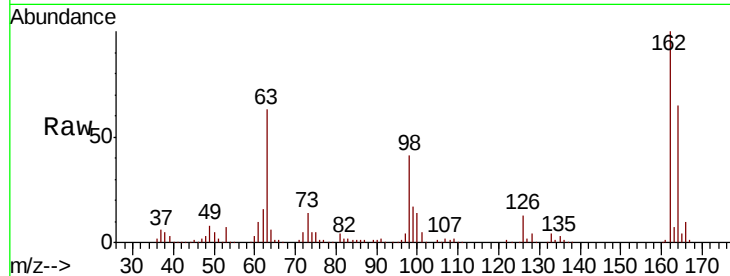
#29
2,4-Dichlorophenol
Concen: 42.612 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleID :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388288		
164	64.8	42.5	82.5	
98	40.9	20.1	60.1	

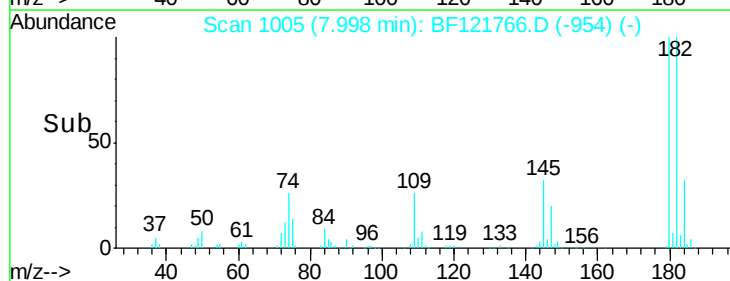
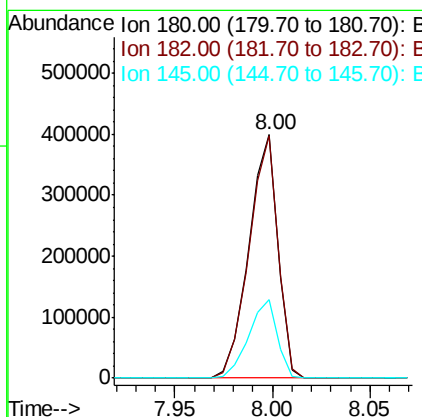
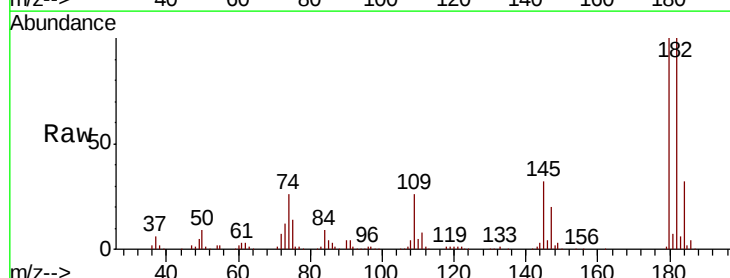
Manual Integrations
APPROVED

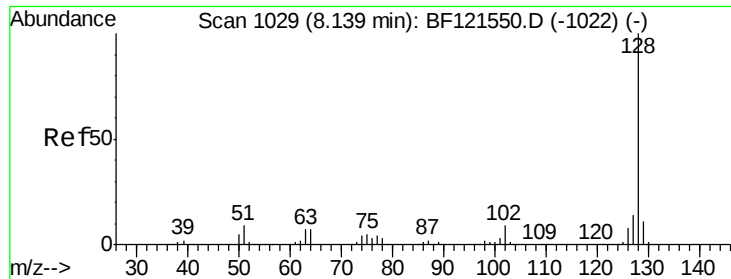
mohammad
10/2/2020 12:10:24 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.727 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410043		
182	99.6	79.4	119.2	
145	32.2	25.5	38.3	





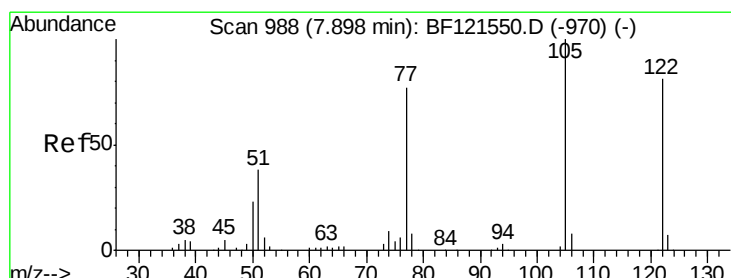
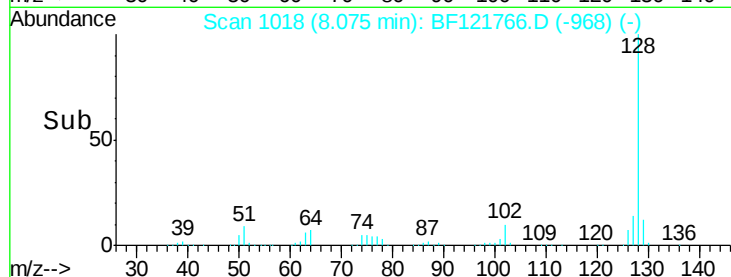
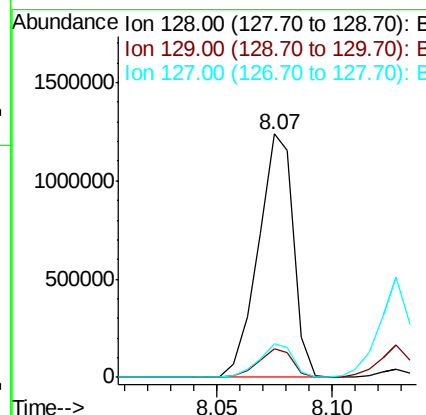
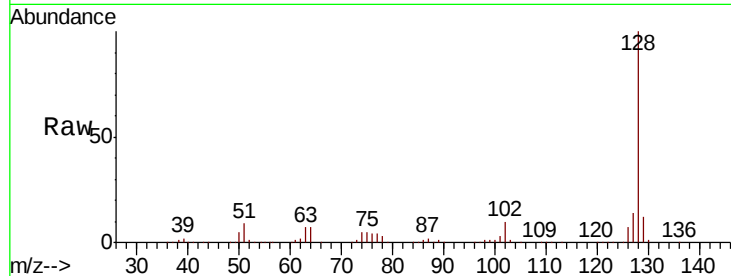
#31
Naphthalene
Concen: 41.577 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:128 Resp: 1312034
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.6 10.8 16.2

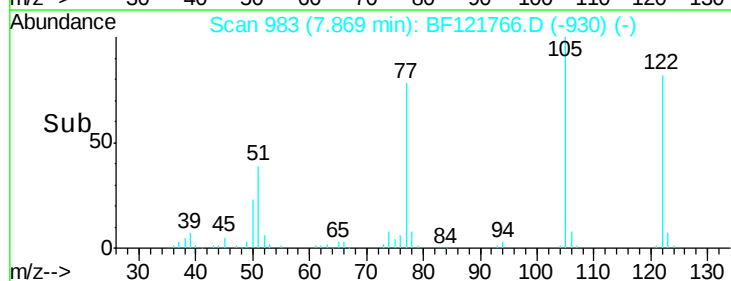
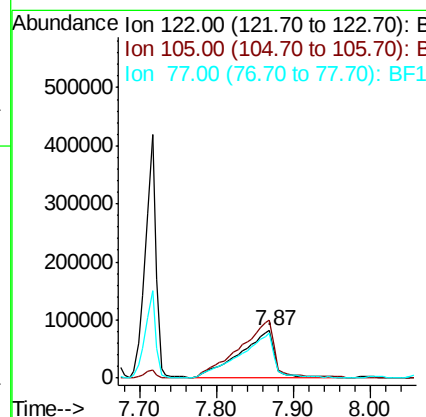
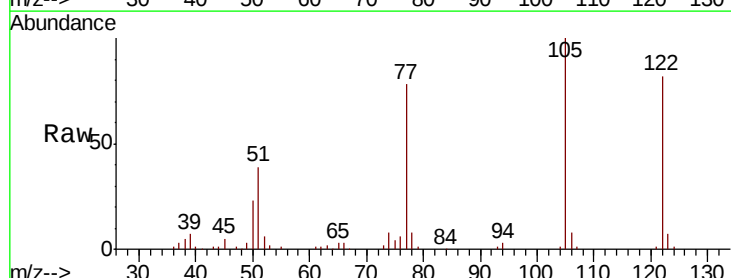
Manual Integrations
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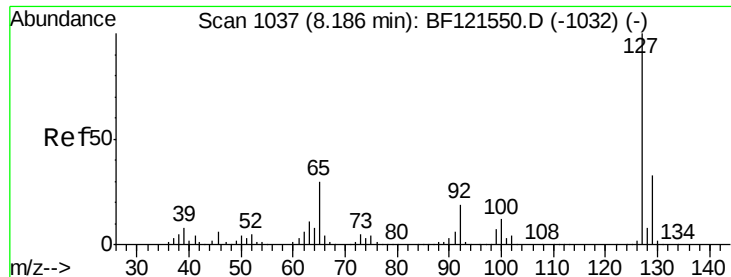
mohammad
10/2/2020 12:10:24 PM



#32
Benzoic acid
Concen: 36.133 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:122 Resp: 254749
Ion Ratio Lower Upper
122 100
105 122.0 103.3 143.3
77 95.1 73.9 113.9





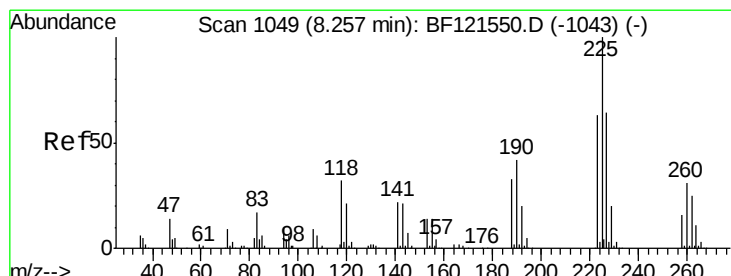
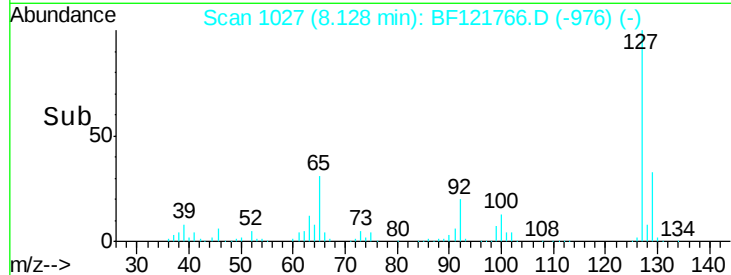
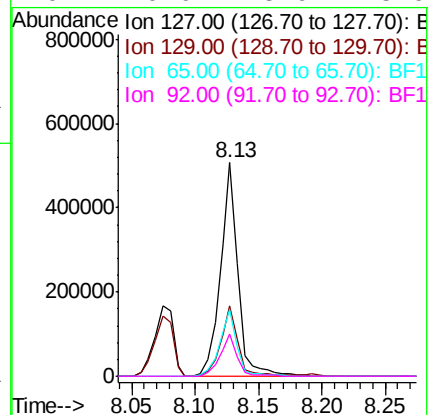
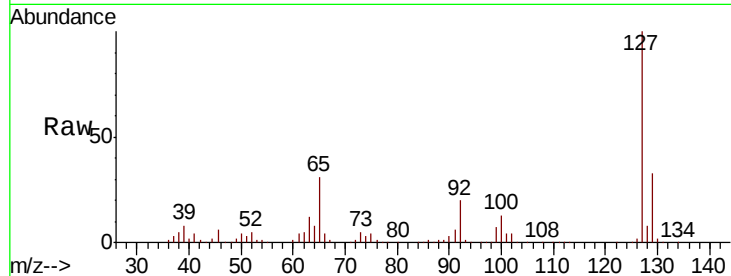
#33
 4-Chloroaniline
 Concen: 35.999 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	492424		
129	32.8	26.3	39.5	
65	31.1	26.2	39.2	
92	19.9	15.9	23.9	

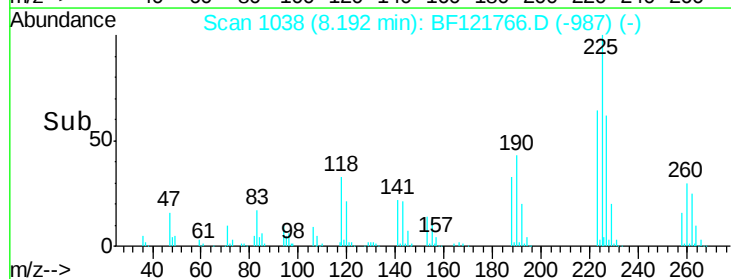
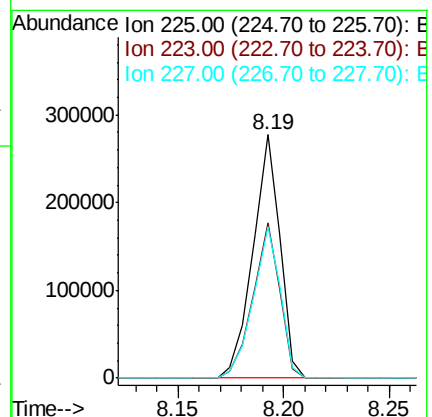
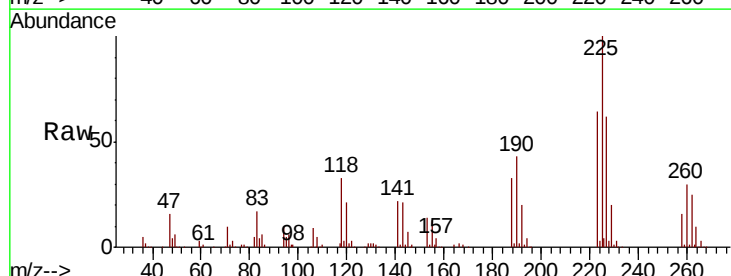
Manual Integrations
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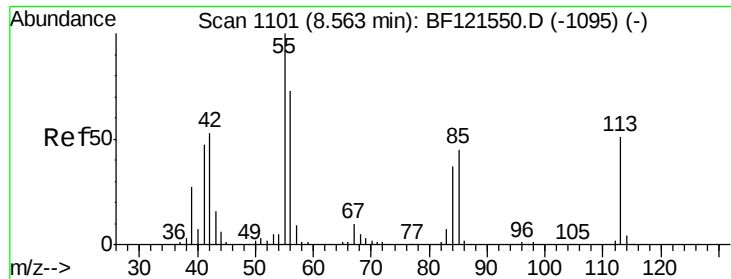
mohammad
 10/2/2020 12:10:24 PM



#34
 Hexachlorobutadiene
 Concen: 43.861 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	247068		
223	63.7	51.1	76.7	
227	62.1	51.0	76.6	





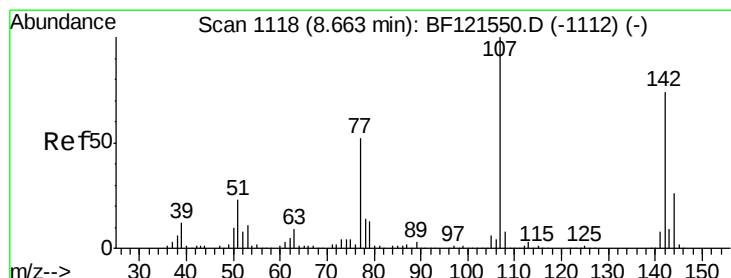
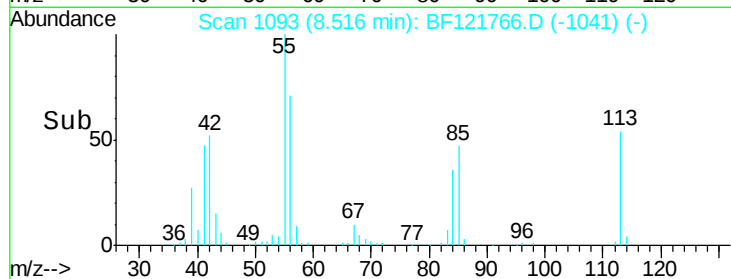
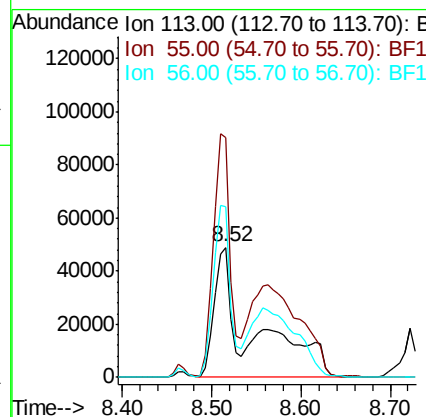
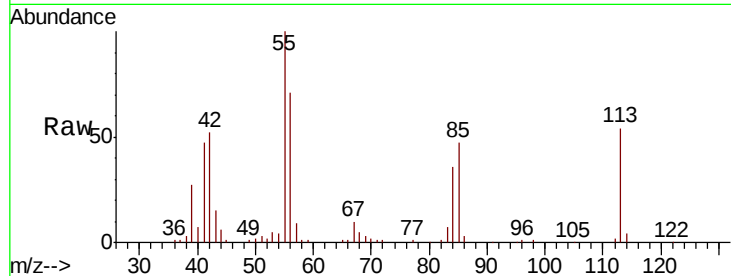
#35
Caprolactam
Concen: 47.351 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	185.2	167.5	207.5		
56	132.0	121.2	161.2		

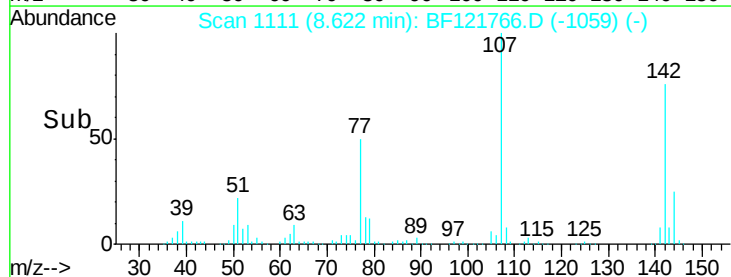
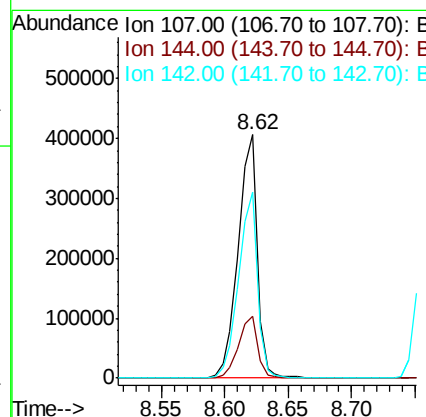
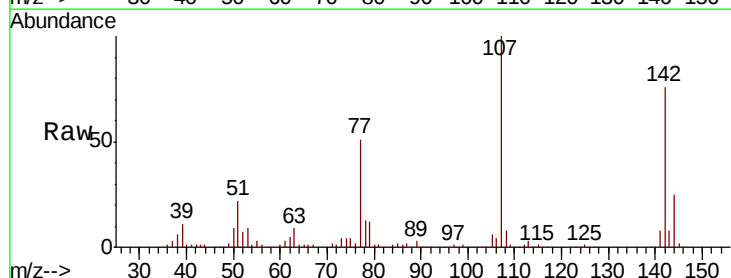
Manual Integrations
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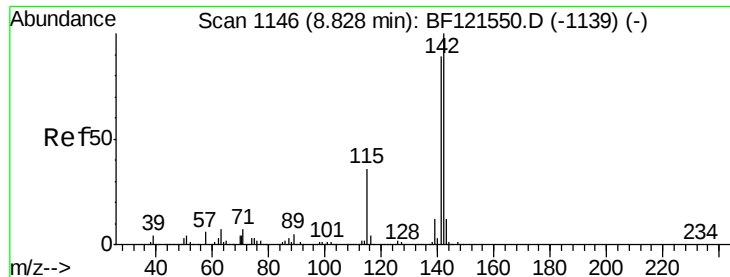
mohammad
10/2/2020 12:10:24 PM



#36
4-Chloro-3-methylphenol
Concen: 42.967 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	20.1	30.1		
142	76.3	59.3	88.9		





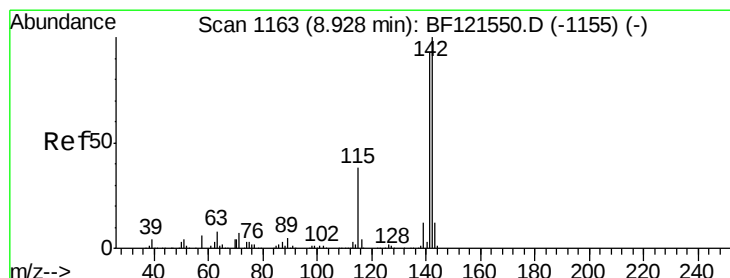
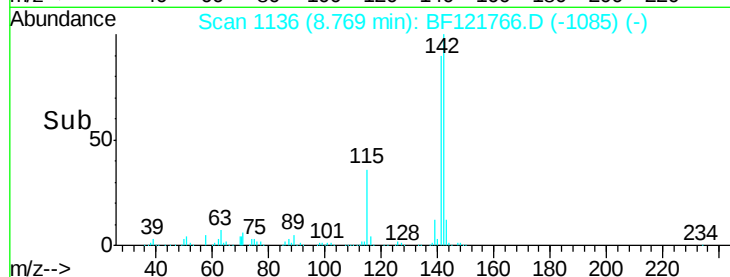
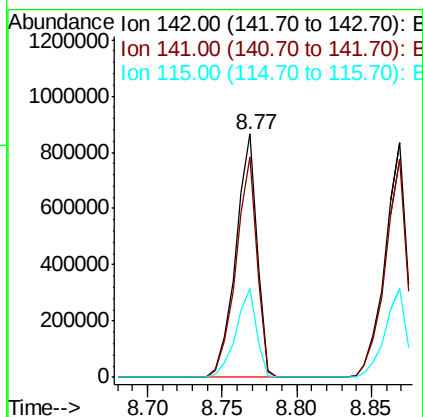
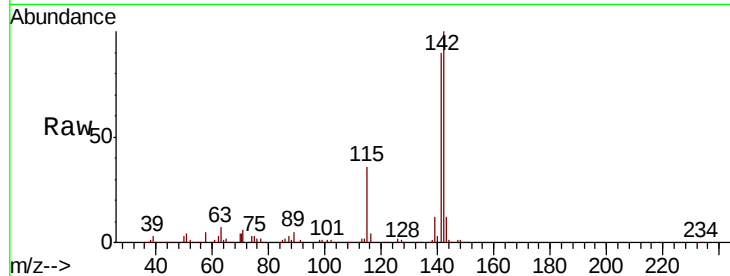
#37
2-Methylnaphthalene
Concen: 41.795 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.2	105.4
115	36.5	28.6	43.0

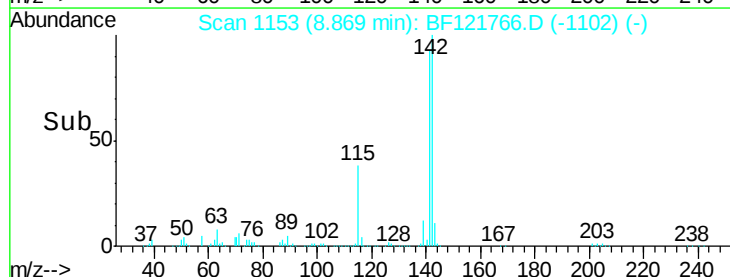
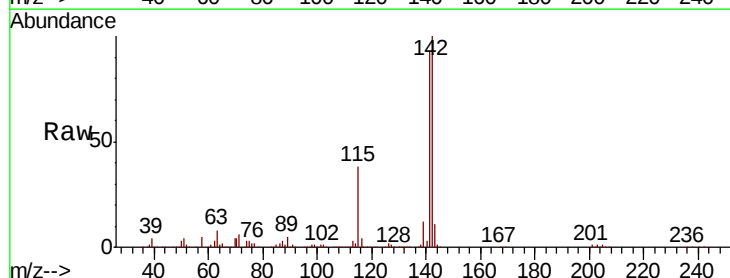
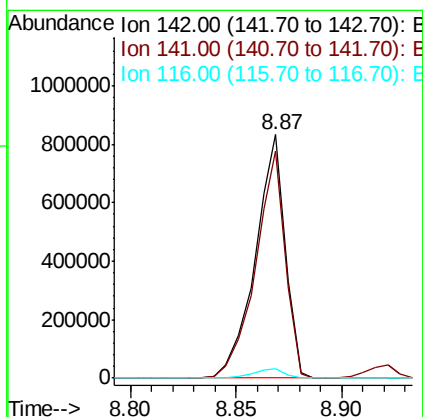
Manual Integrations
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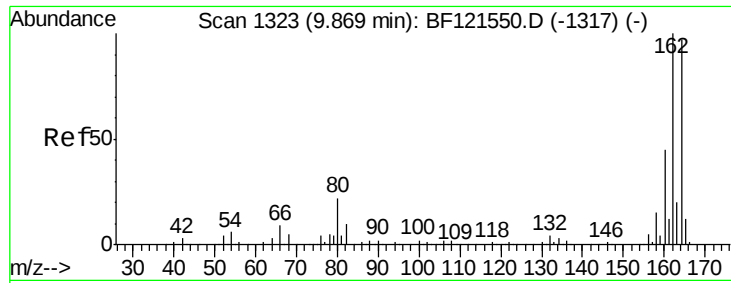
mohammad
10/2/2020 12:10:24 PM



#38
1-Methylnaphthalene
Concen: 42.461 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.5	111.7
116	3.8	3.2	4.8





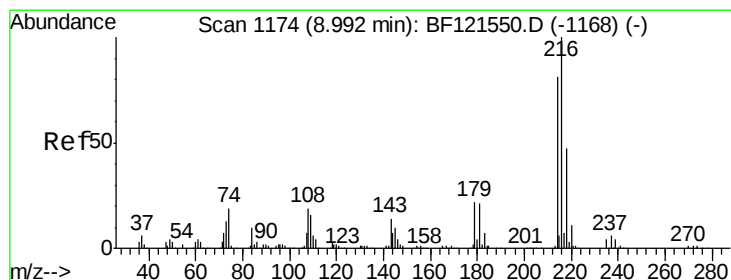
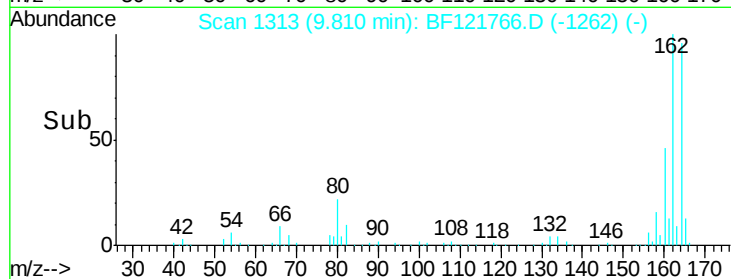
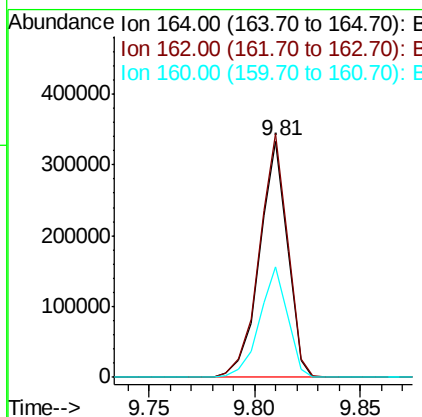
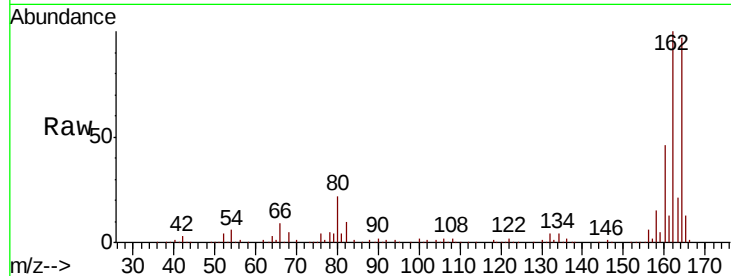
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	83.2	124.8	
160	47.0	37.5	56.3	

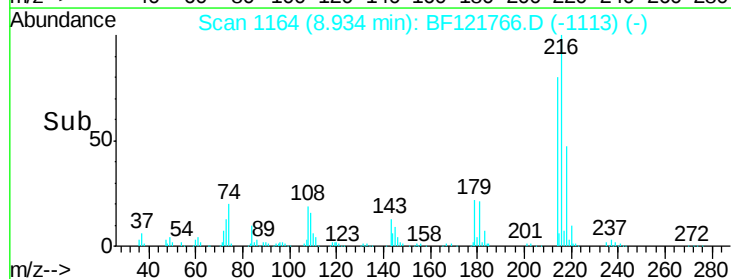
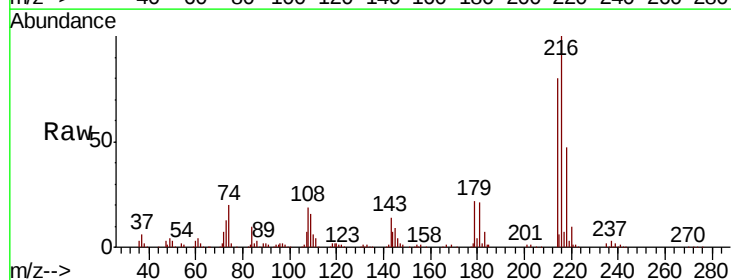
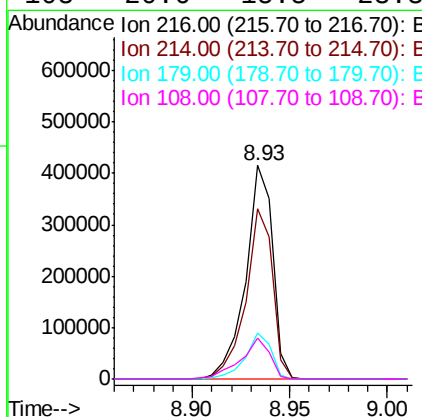
Manual Integrations
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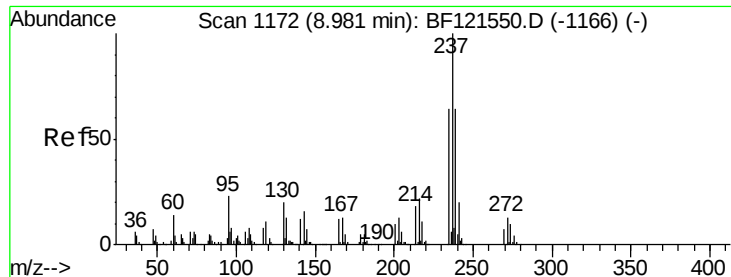
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.489 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.4	95.2	
179	20.7	17.0	25.6	
108	20.6	15.5	23.3	





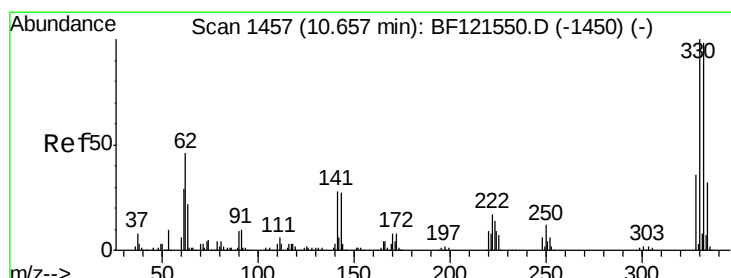
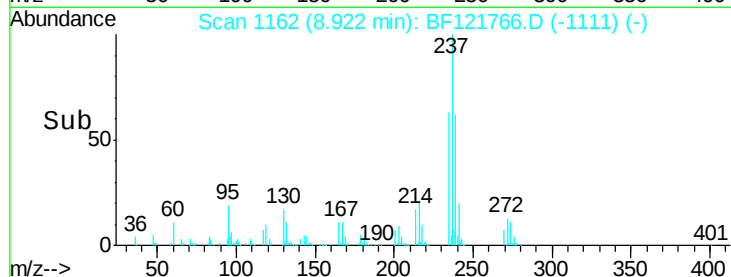
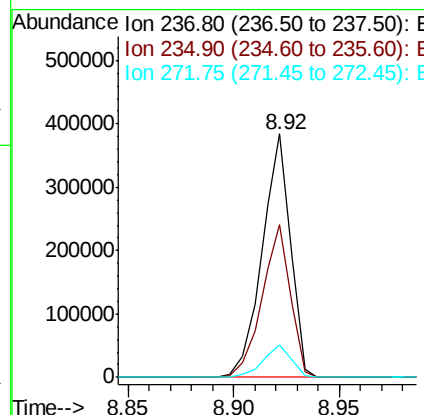
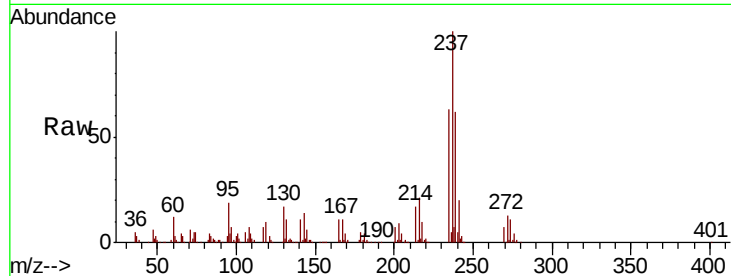
#41
Hexachlorocyclopentadiene
Concen: 64.738 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	41.8	81.8	
272	13.5	0.0	33.5	

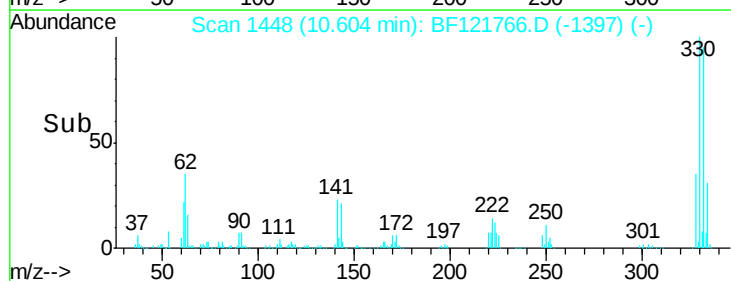
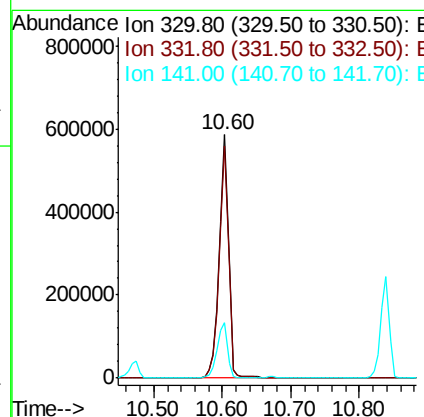
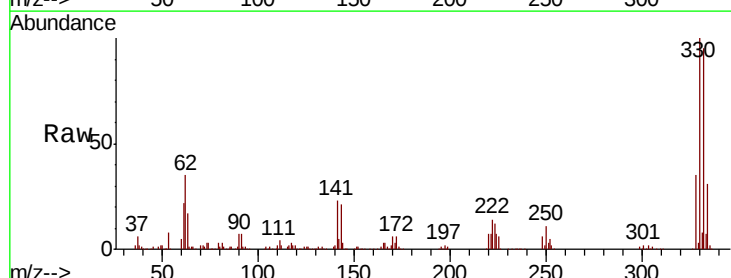
Manual Integrations
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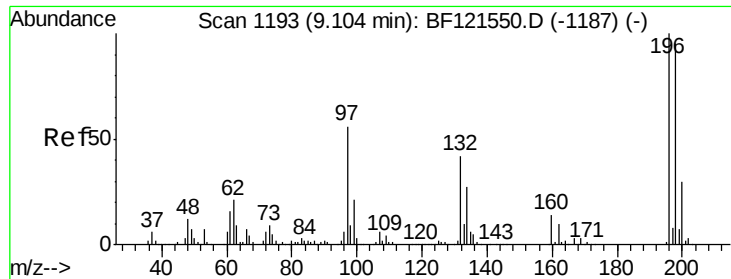
mohammad
10/2/2020 12:10:24 PM



#42
2,4,6-Tribromophenol
Concen: 142.567 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.3	115.9	
141	25.7	22.3	33.5	





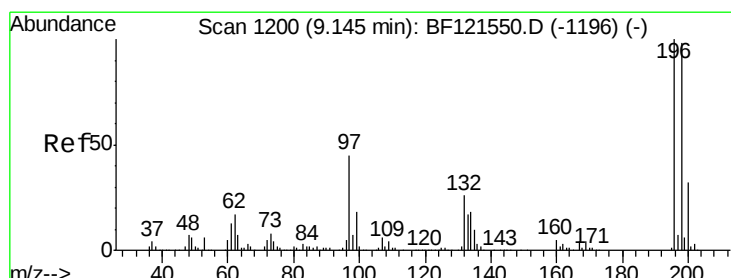
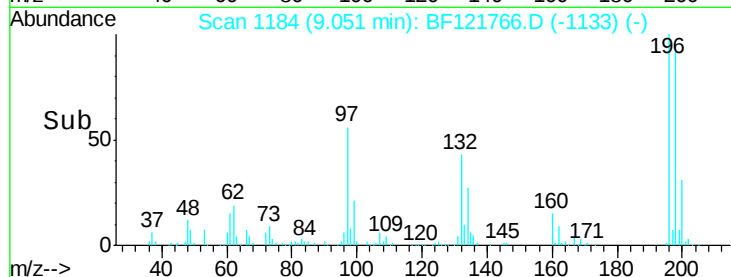
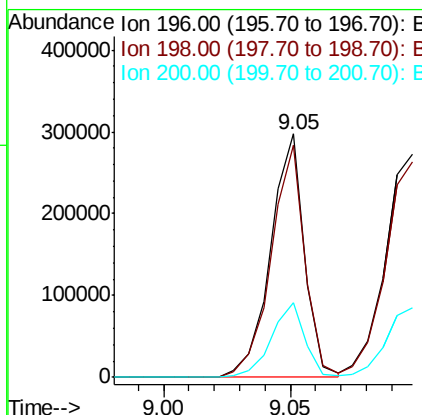
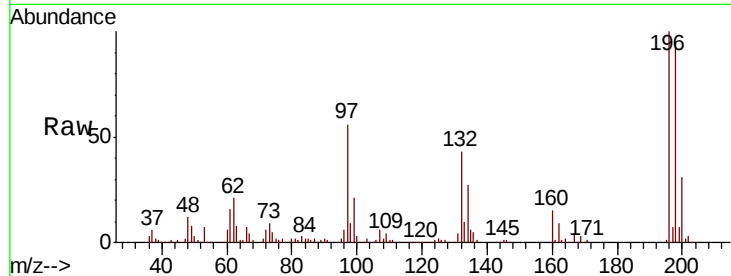
#43
2,4,6-Trichlorophenol
Concen: 42.450 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	278856		
198	95.1	75.8	113.6	
200	30.5	24.6	36.8	

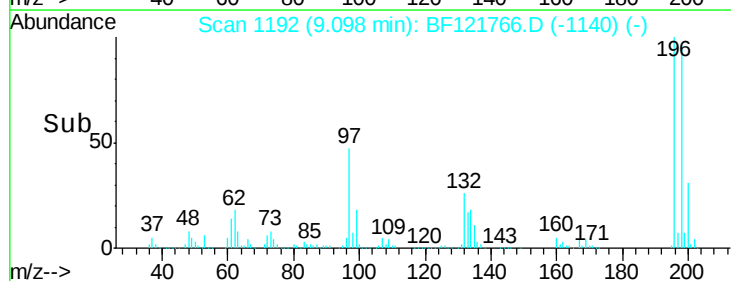
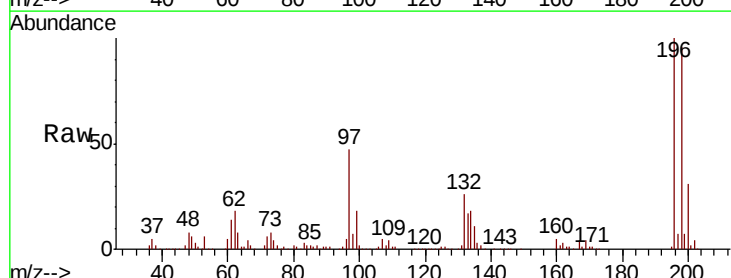
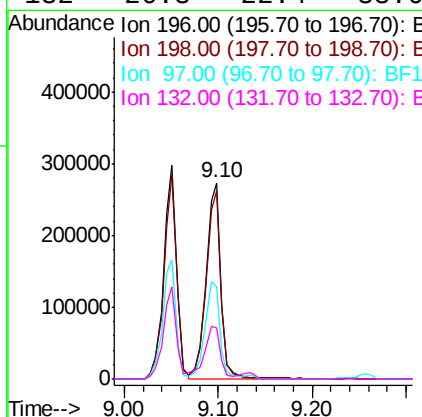
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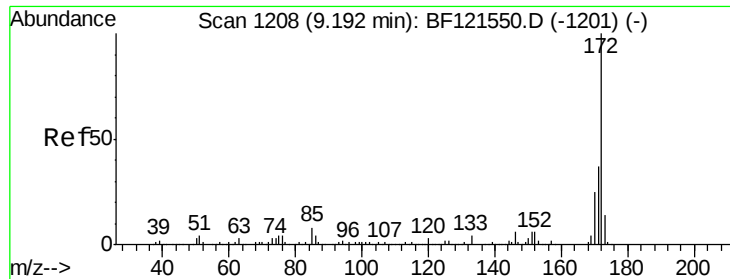
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 43.201 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300009		
198	96.3	76.1	114.1	
97	46.7	41.0	61.6	
132	26.3	22.4	33.6	





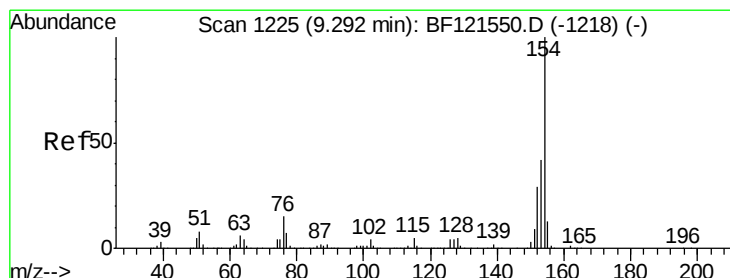
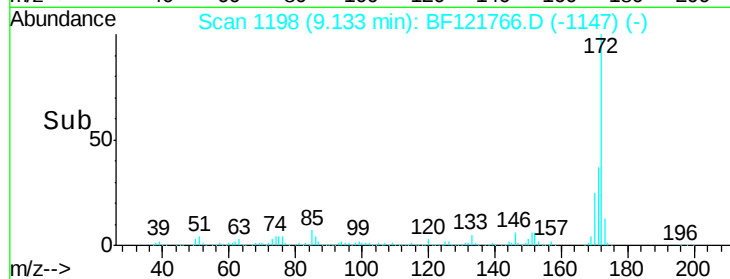
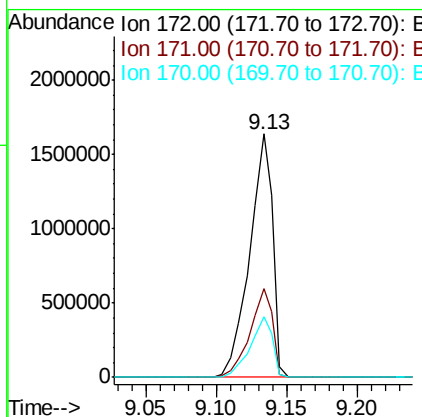
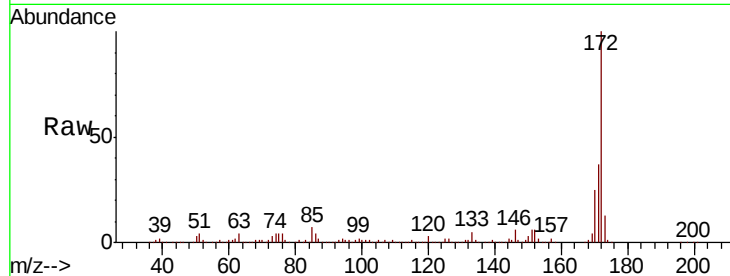
#45
2-Fluorobiphenyl
Concen: 91.714 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.7	19.8	29.6

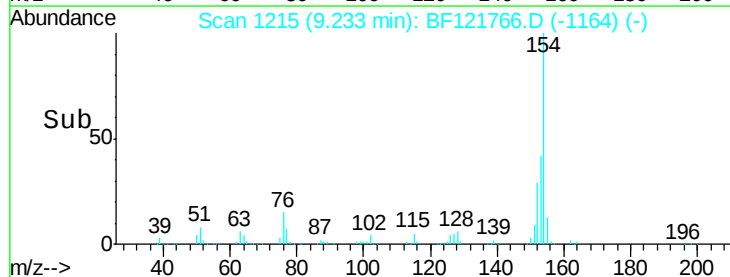
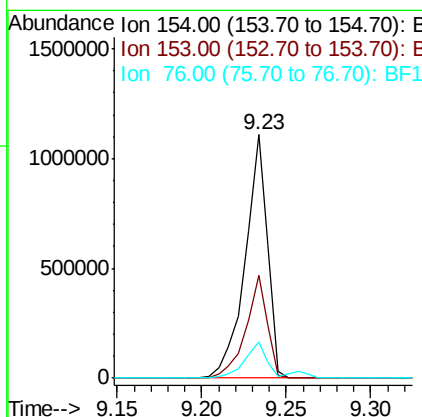
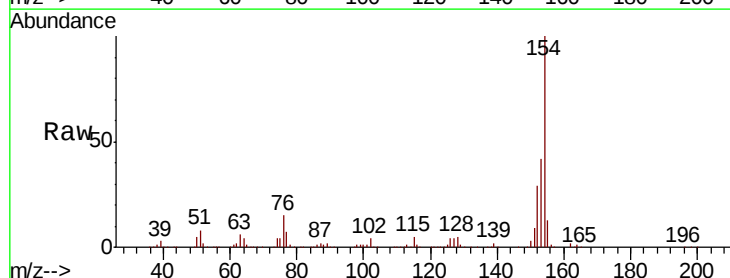
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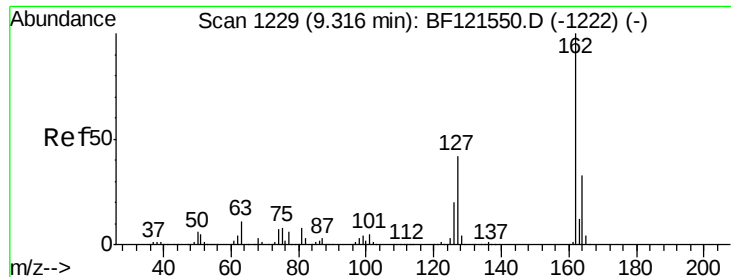
mohammad
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#46
1,1'-Biphenyl
Concen: 41.315 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.3	61.3
76	14.6	0.0	34.7





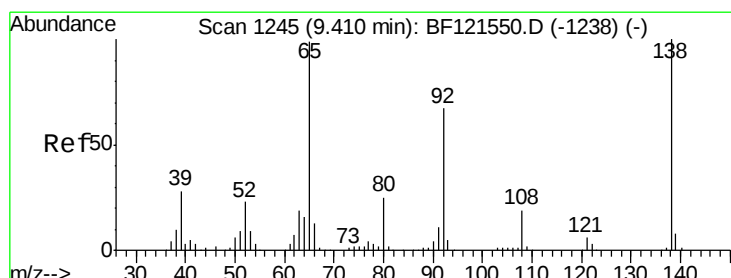
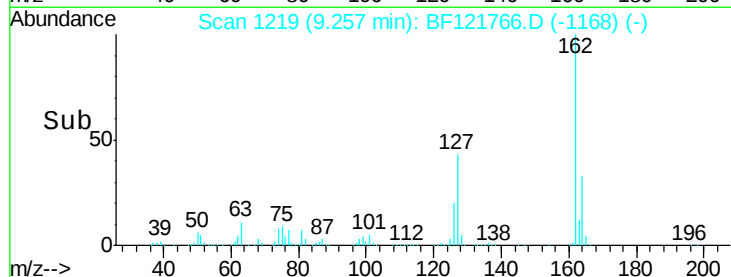
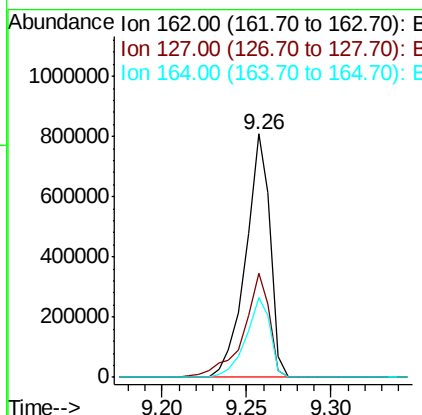
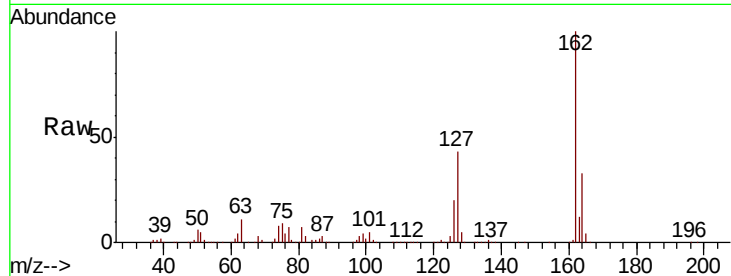
#47
 2-Chloronaphthalene
 Concen: 41.775 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB132004BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.9	34.4	51.6		
164	32.9	26.3	39.5		

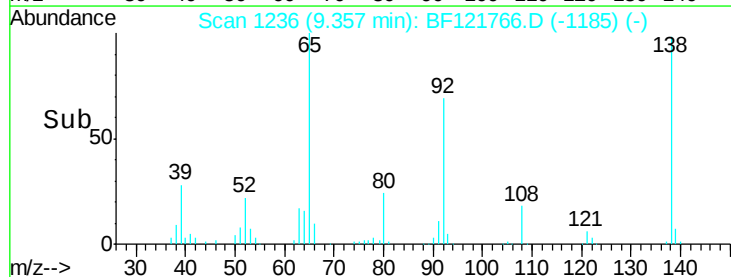
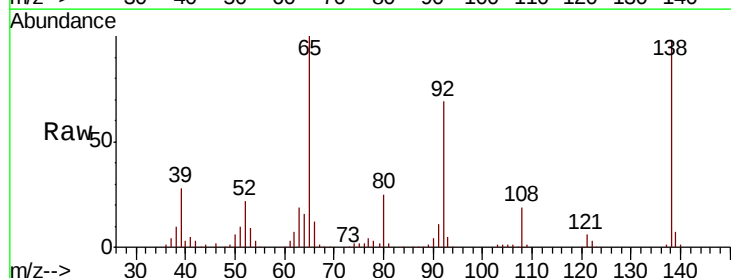
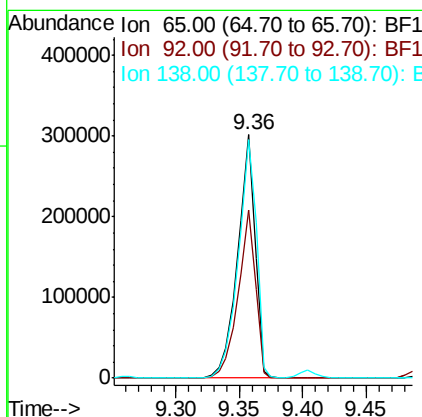
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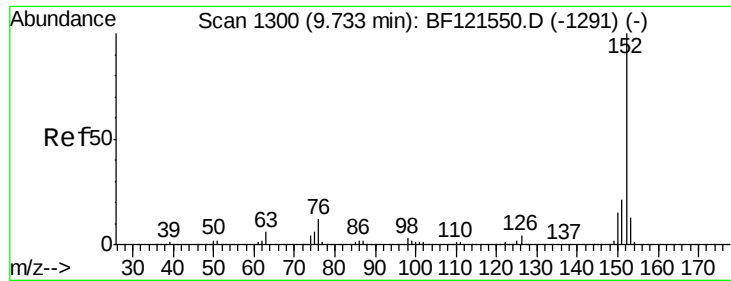
mohammad
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#48
 2-Nitroaniline
 Concen: 47.152 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.0	55.1	82.7		
138	97.9	80.5	120.7		





#49

Acenaphthylene

Concen: 41.830 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

Tot Ion:152 Resp: 1250971

Ion Ratio Lower Upper

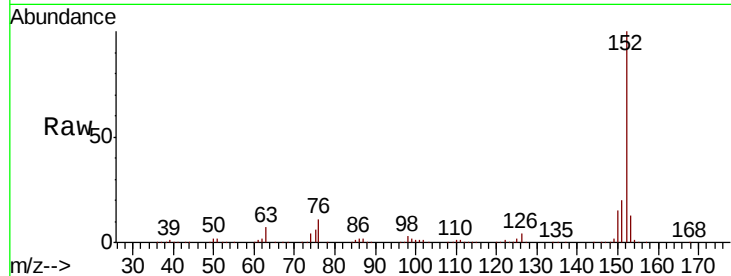
152 100

151 20.4 16.4 24.6

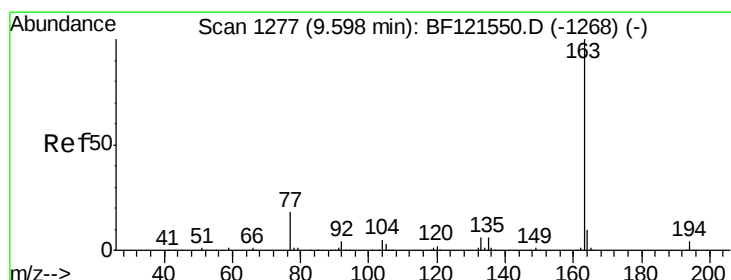
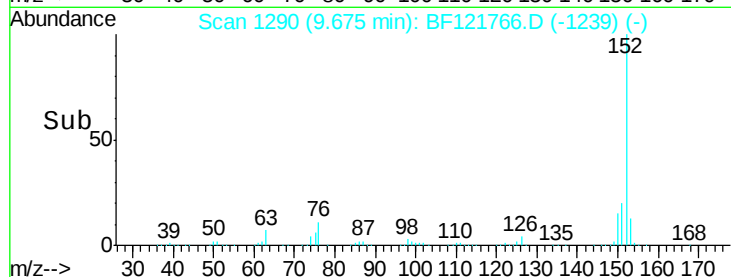
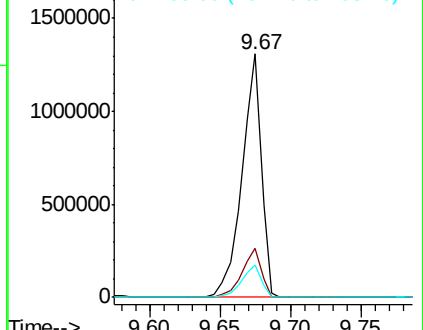
153 13.3 10.6 15.8

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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: 44.011 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

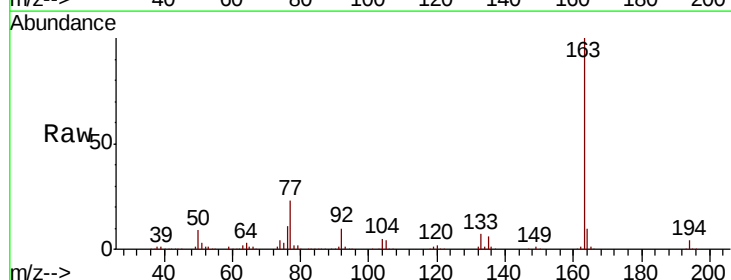
Tgt Ion:163 Resp: 984161

Ion Ratio Lower Upper

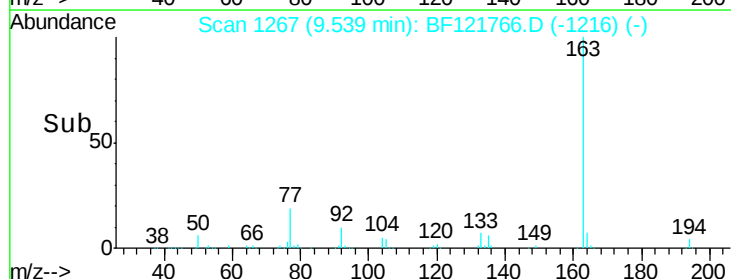
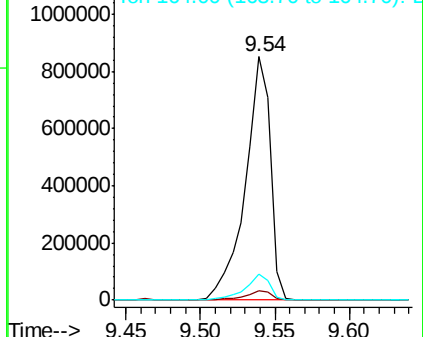
163 100

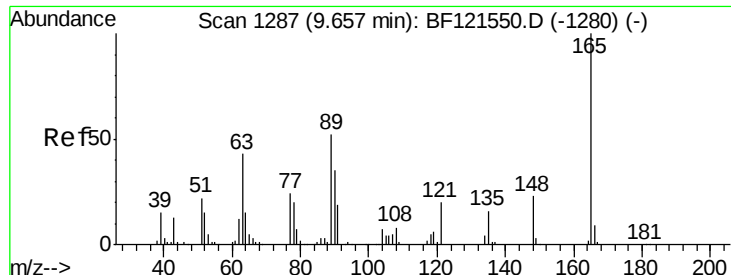
194 4.1 3.3 4.9

164 10.5 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





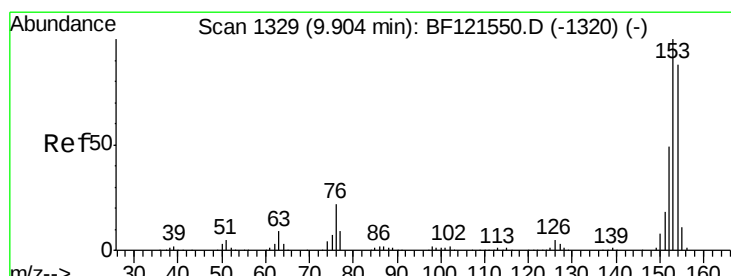
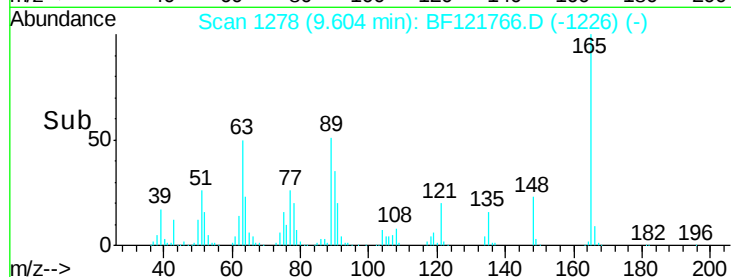
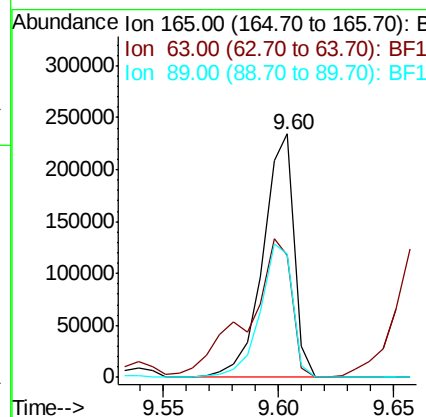
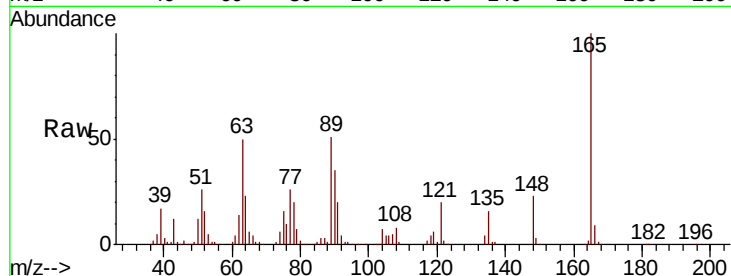
#51
2,6-Dinitrotoluene
Concen: 46.332 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	220649		
63	50.0		51.8	77.6#
89	50.8		49.0	73.6

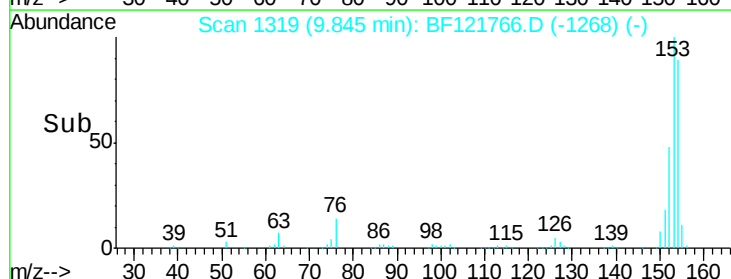
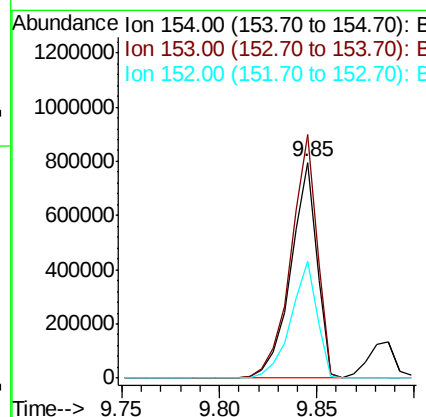
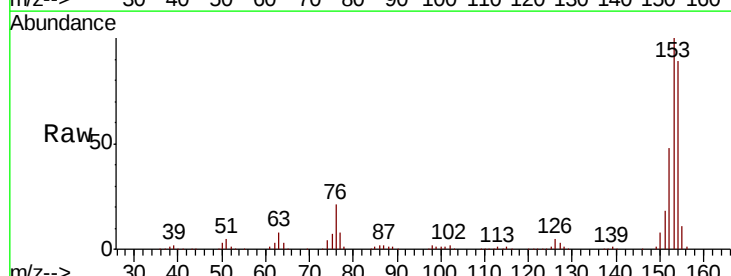
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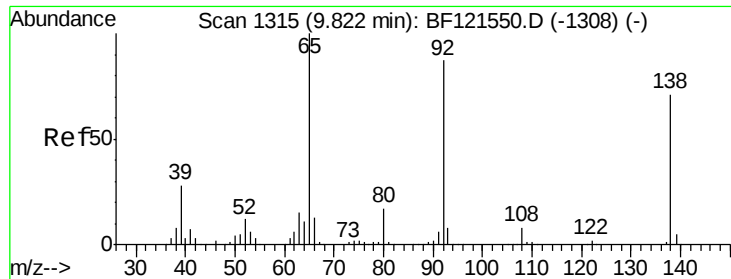
mohammad
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#52
Acenaphthene
Concen: 39.322 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	742752		
153	112.9		89.8	134.8
152	54.1		43.2	64.8





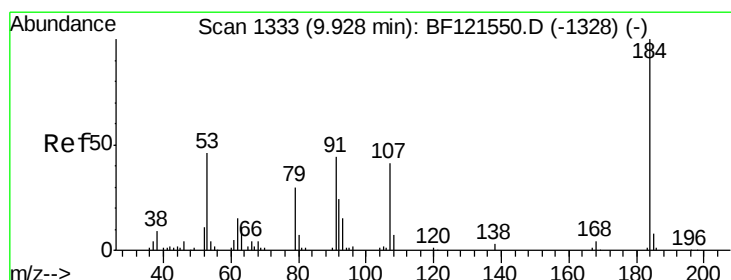
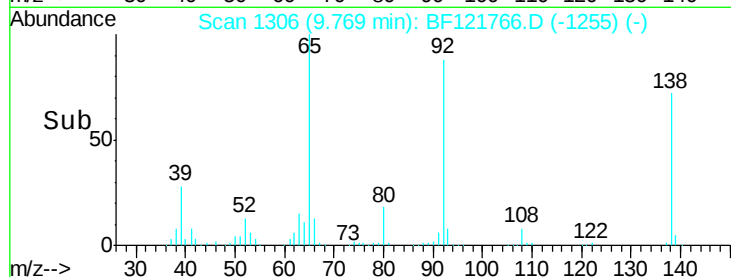
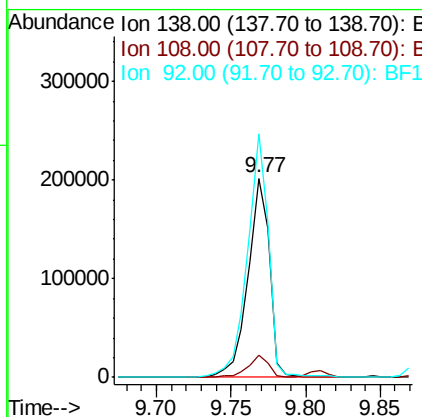
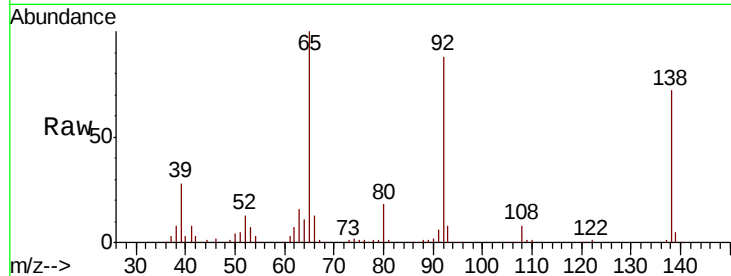
#53
3-Nitroaniline
Concen: 36.249 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.6	13.0
92	122.5	96.6	144.8

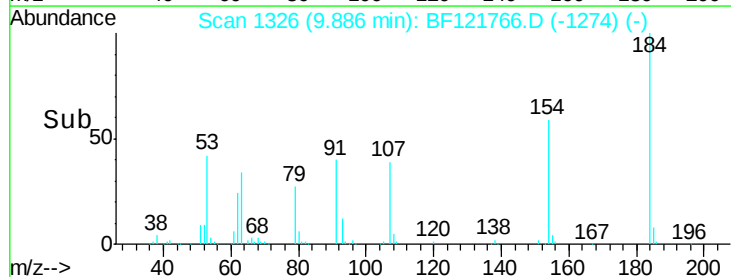
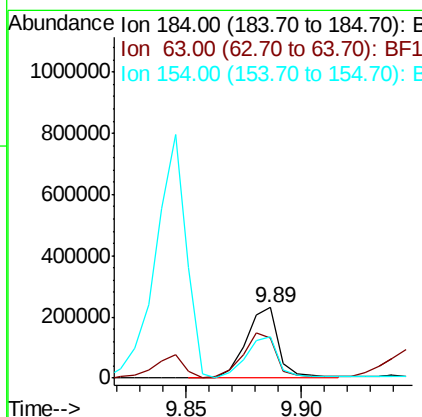
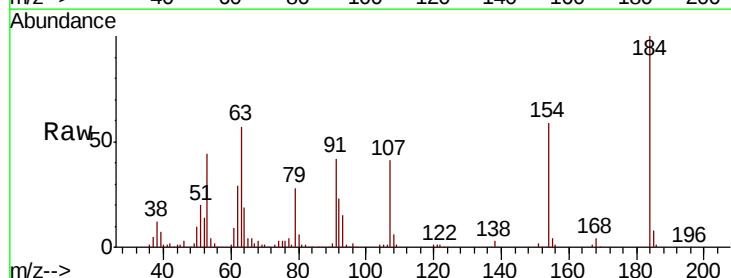
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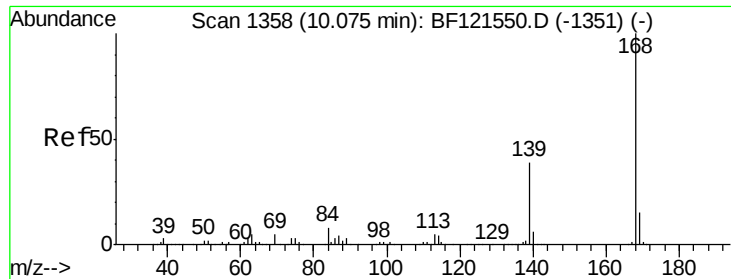
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#54
2,4-Dinitrophenol
Concen: 82.898 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	45.9	68.9
154	58.7	45.8	68.6





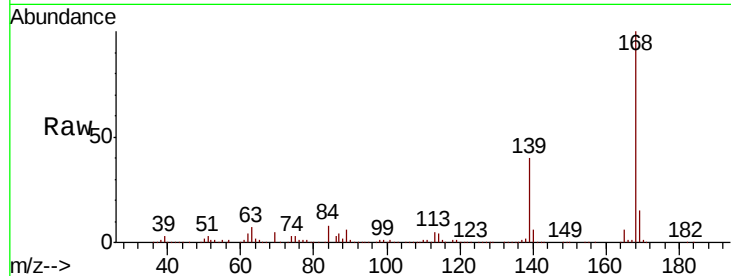
#55
Dibenzofuran
Concen: 41.143 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampled :
PB132004BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.0	46.6
169	14.6	11.3	16.9

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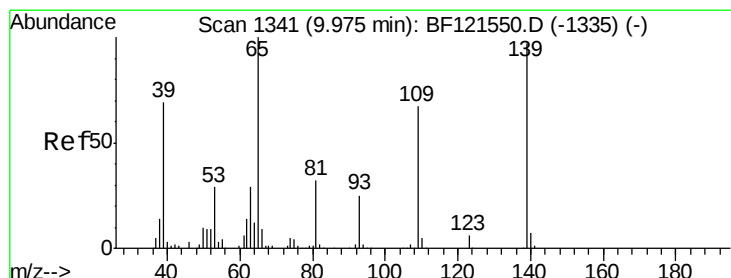
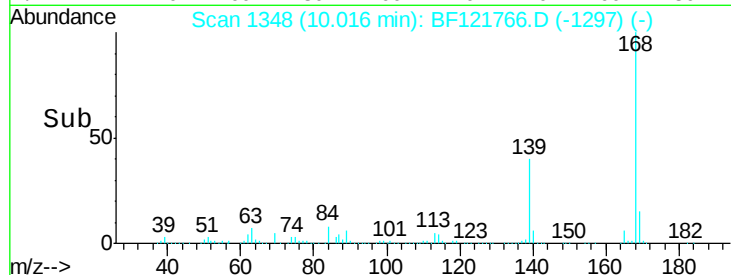
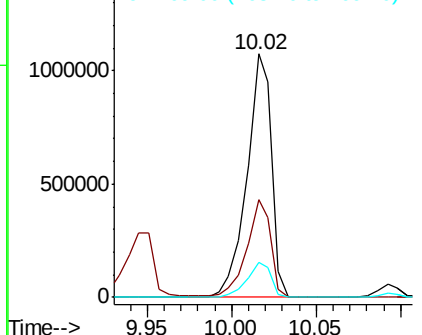


Abundance

Ion 168.00 (167.70 to 168.70): E

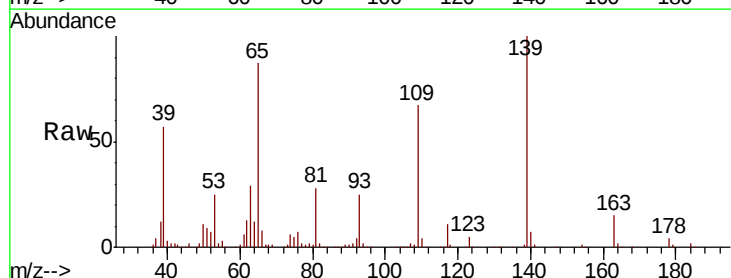
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.497 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	45.4	85.4
65	86.8	68.4	108.4

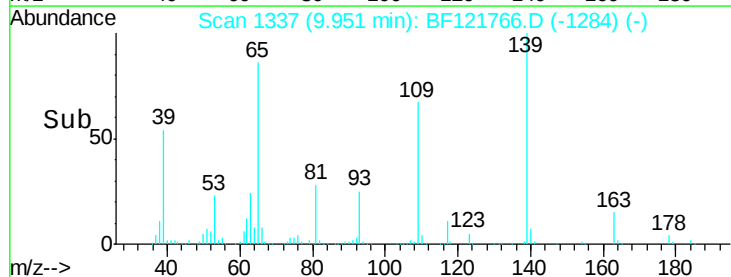
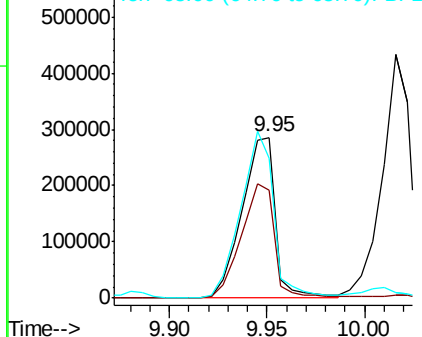


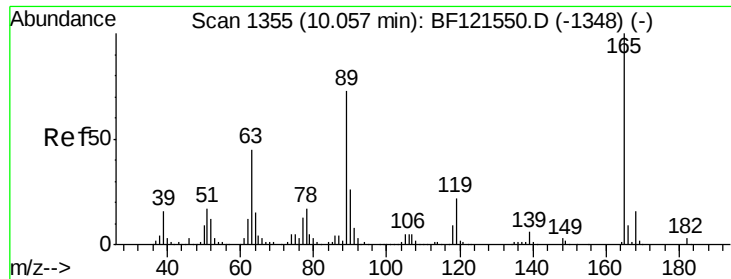
Abundance

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





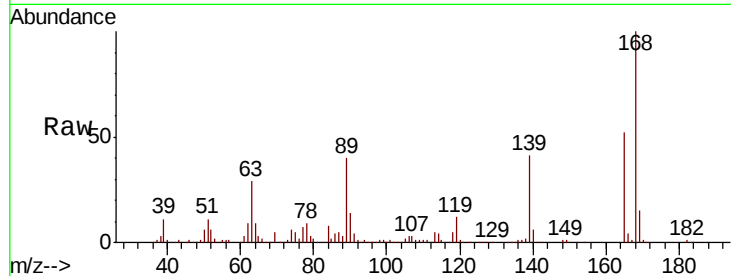
#57
2,4-Dinitrotoluene
Concen: 46.824 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

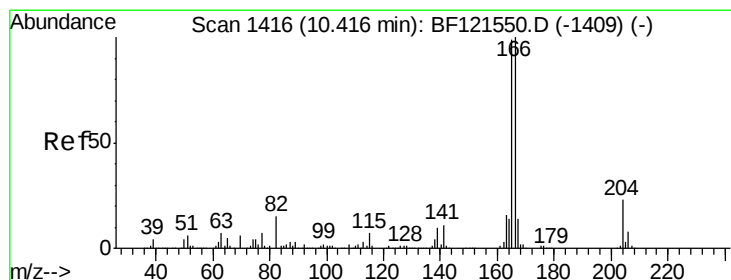
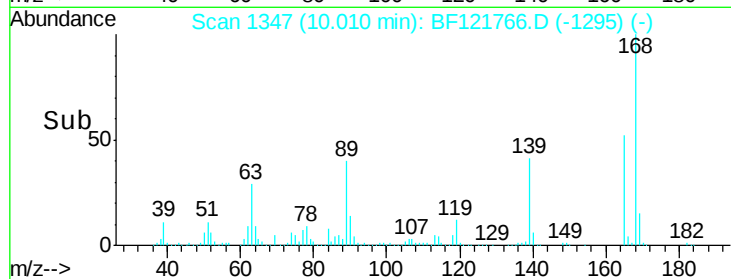
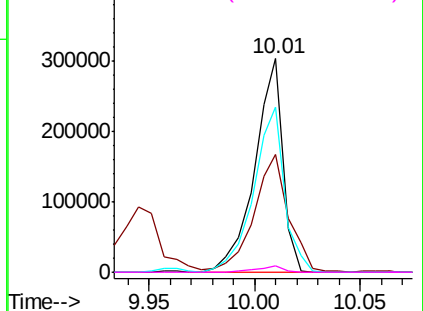
Tot Ion	Ratio	Resp	Lower	Upper
165	100	280540		
63	55.1	41.3	61.9	
89	77.6	61.8	92.8	
182	2.8	2.1	3.1	

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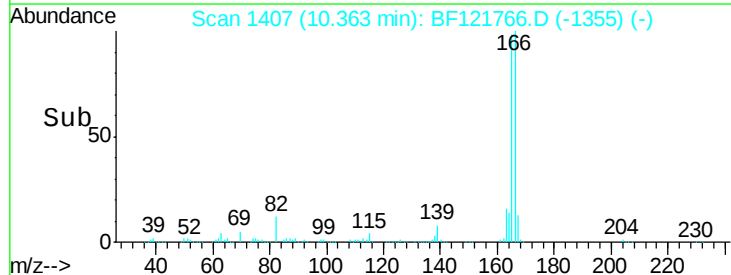
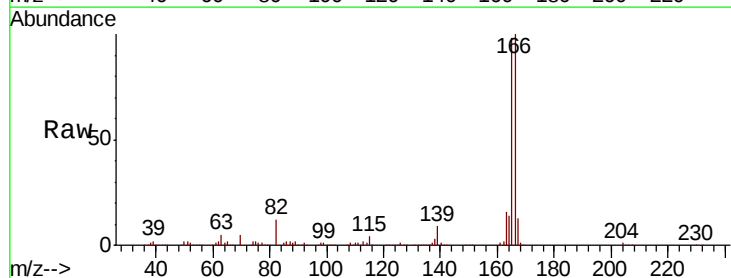
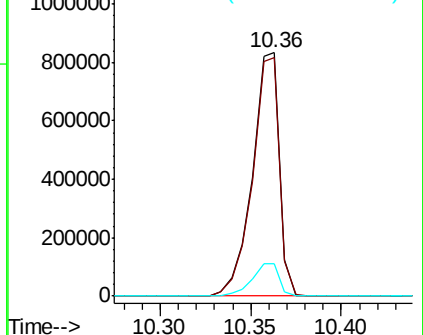
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

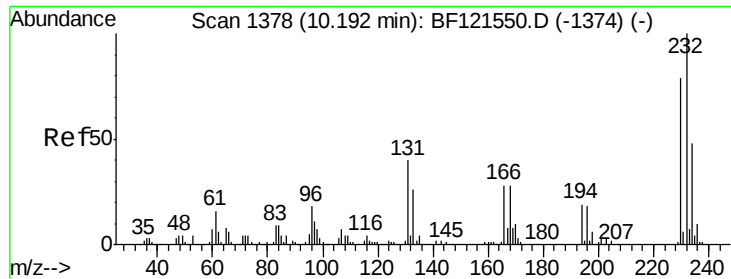


#58
Fluorene
Concen: 42.372 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	861956		
165	98.2	79.1	118.7	
167	13.1	11.0	16.6	

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





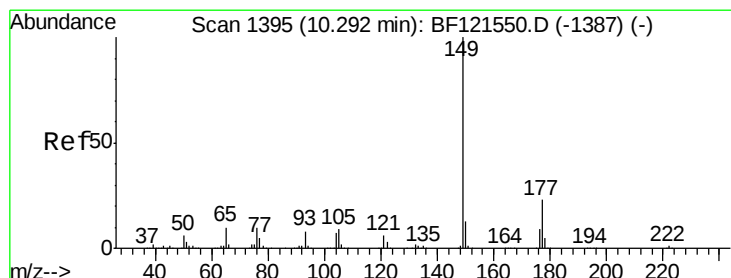
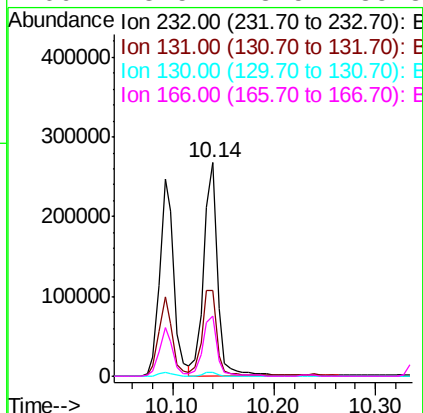
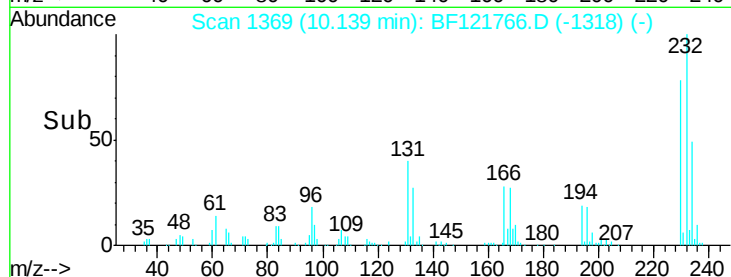
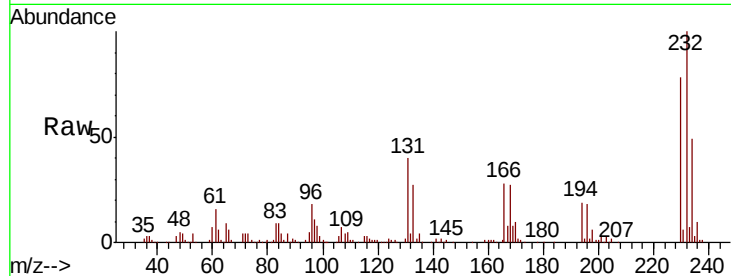
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.763 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		252719		
131	44.5	35.9	53.9		
130	2.1	1.8	2.6		
166	28.5	23.5	35.3		

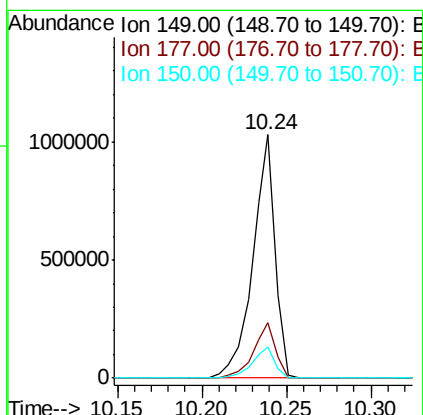
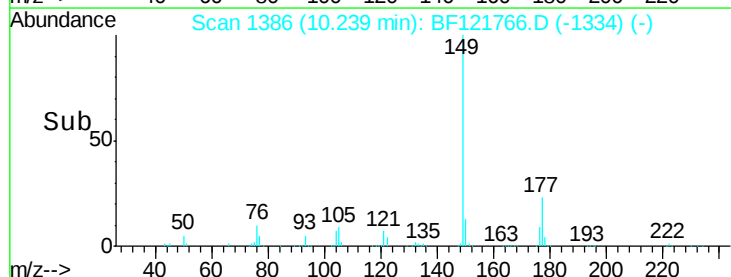
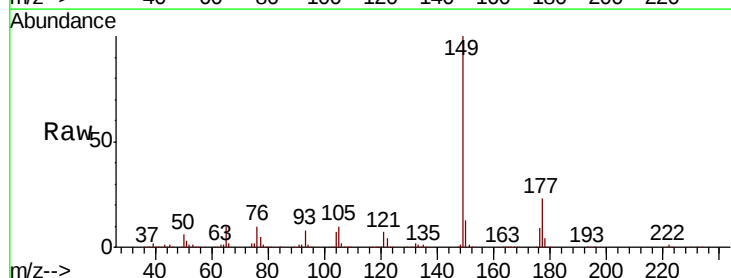
Manual Integrations
APPROVED

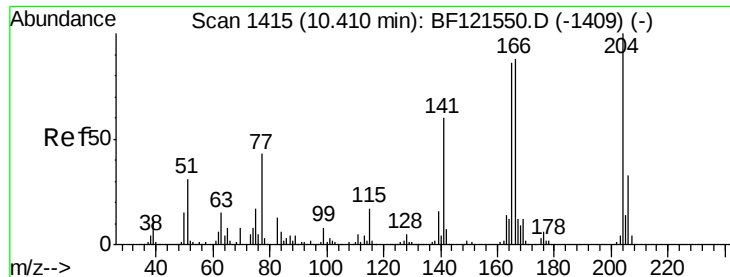
mohammad
10/2/2020 12:10:24 PM



#60
Diethylphthalate
Concen: 43.474 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		947839		
177	22.7	18.1	27.1		
150	12.7	10.3	15.5		





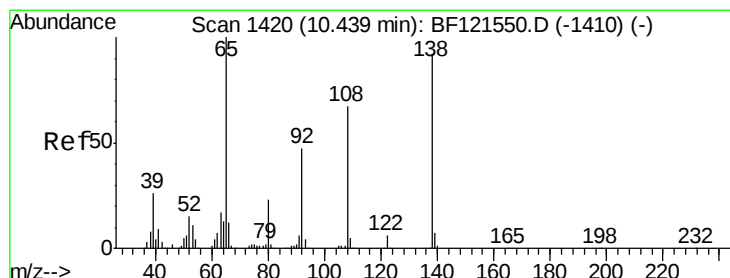
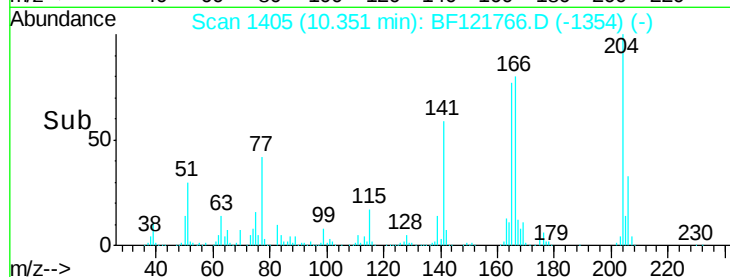
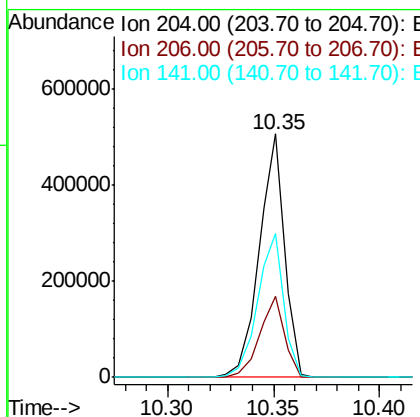
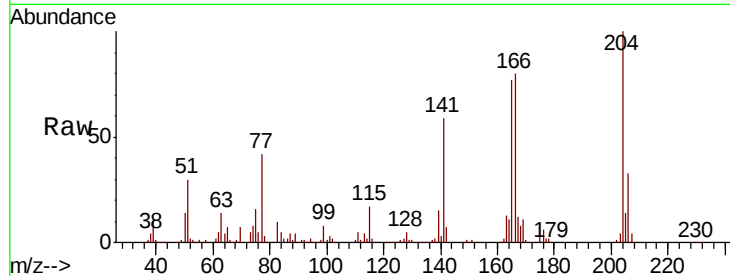
#61
4-Chlorophenyl-phenylether
Concen: 43.232 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	58.9	46.2	69.4

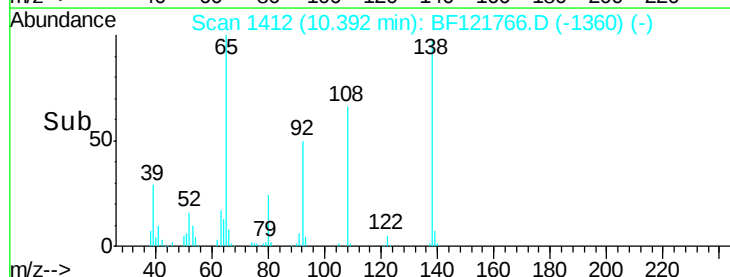
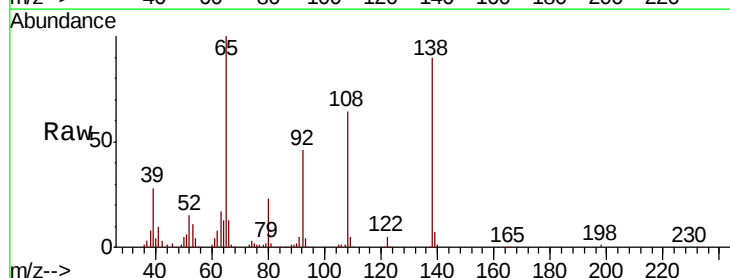
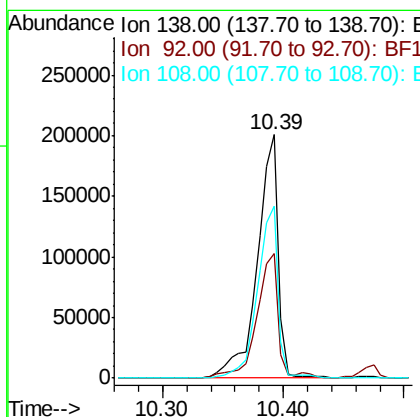
Manual Integrations
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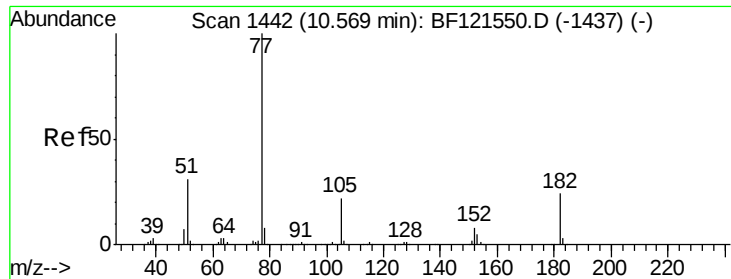
mohammad
10/2/2020 12:10:24 PM



#62
4-Nitroaniline
Concen: 44.337 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.0	71.0
108	70.8	51.5	91.5





#63

Azobenzene

Concen: 42.825 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

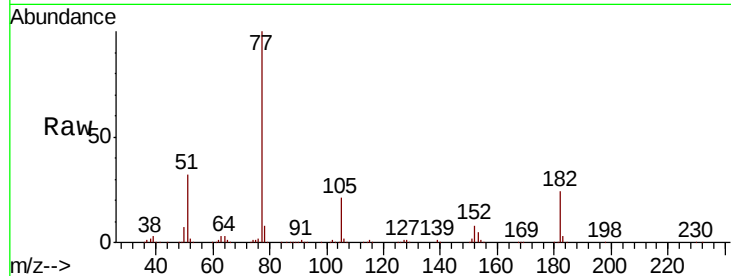
ClientSampleId :

PB132004BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	3.4	43.4
105	20.9	1.7	41.7
51	31.8	11.6	51.6

Manual Integrations
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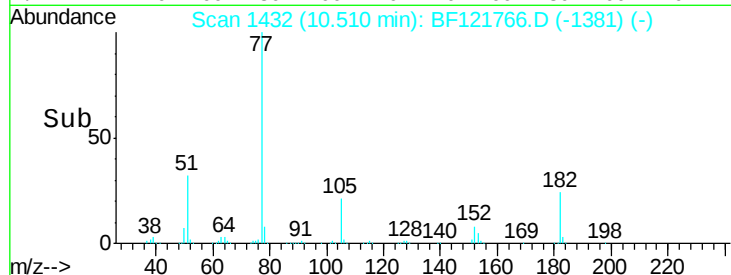
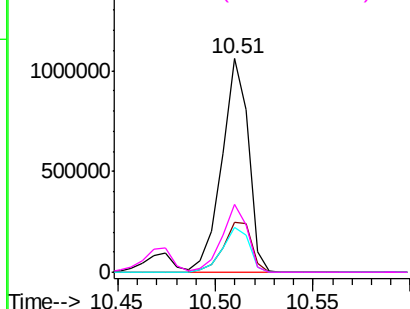


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF121766.D

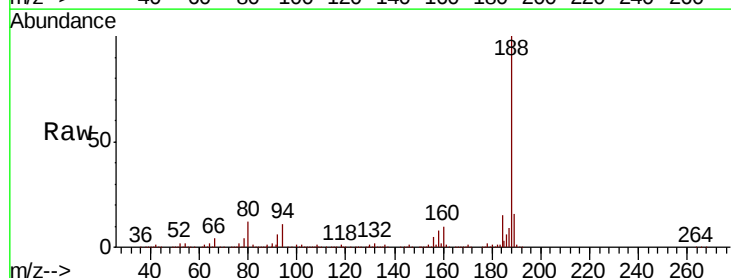
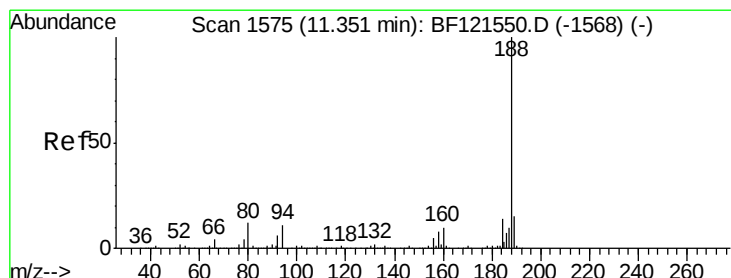
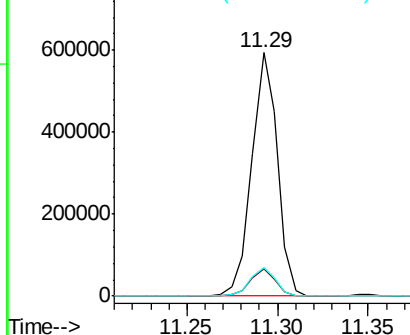
Acq: 1 Oct 2020 14:38

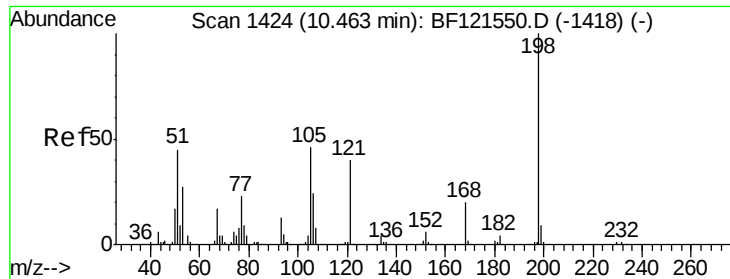
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.9	9.1	13.7

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





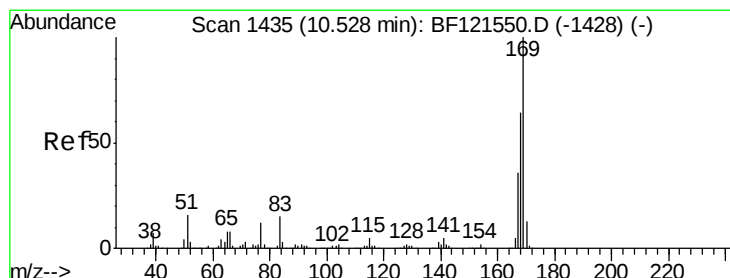
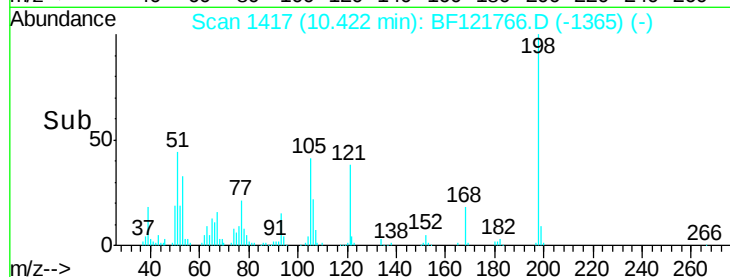
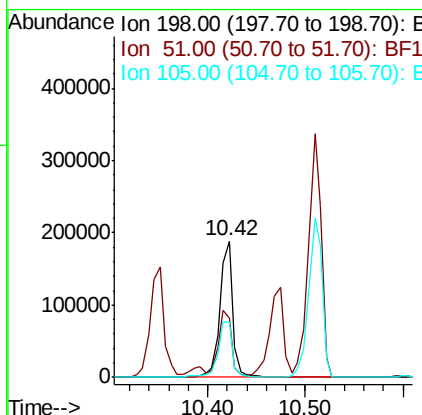
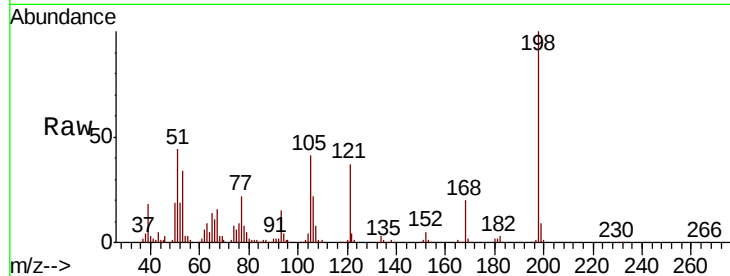
#65
4,6-Dinitro-2-methylphenol
Concen: 48.267 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	29.6	69.6
105	41.1	24.4	64.4

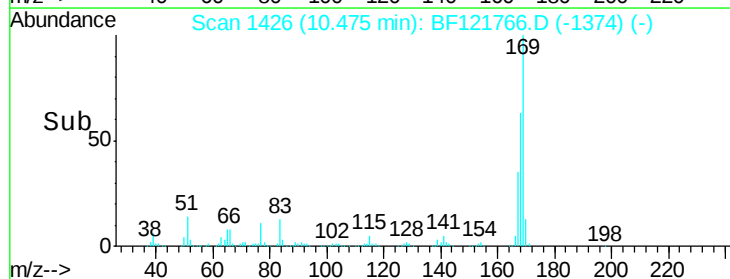
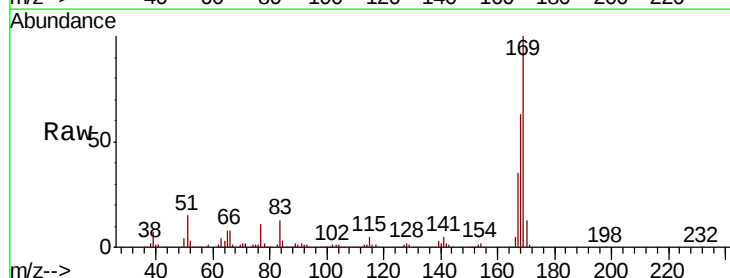
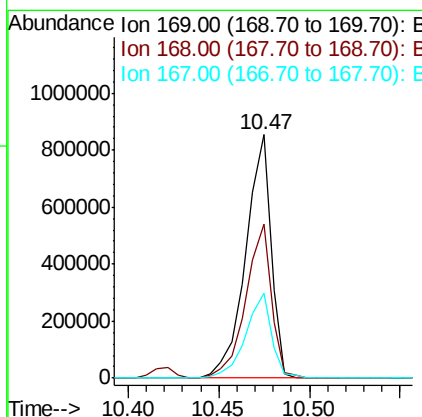
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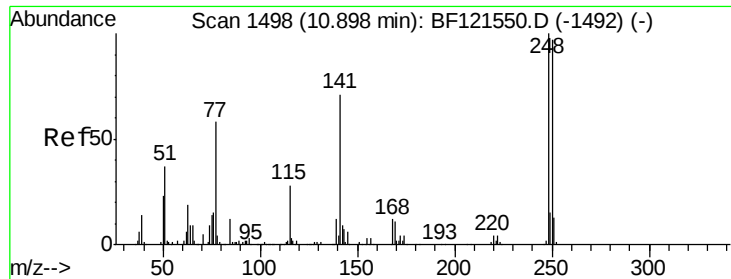
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.624 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.4	50.0	75.0
167	35.1	27.8	41.6





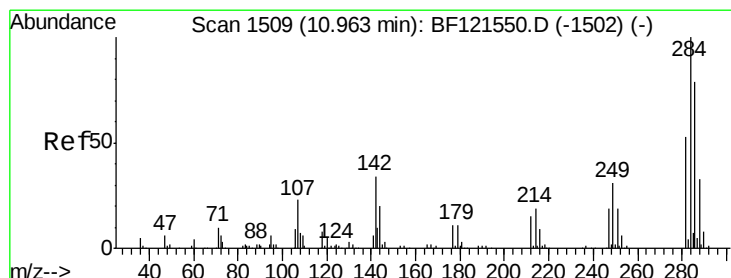
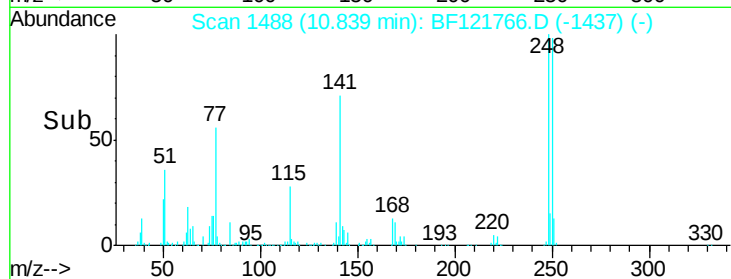
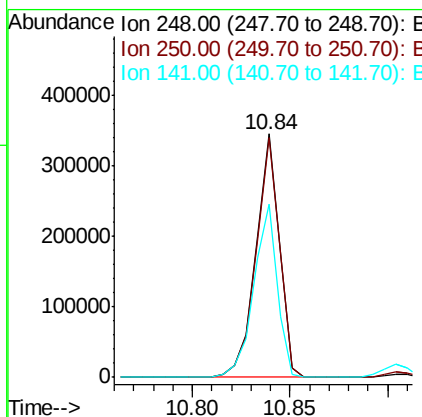
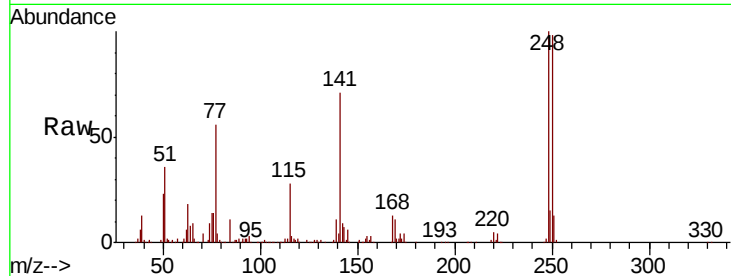
#67
 4-Bromophenyl-phenylether
 Concen: 43.390 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:	248	Resp:	288235
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.0	115.6
141	71.2	53.7	80.5

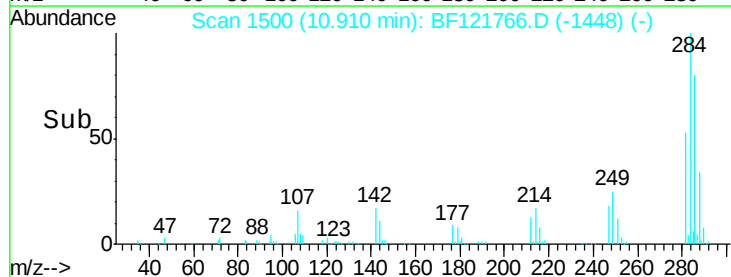
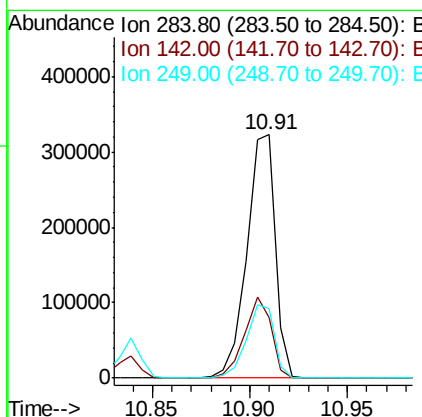
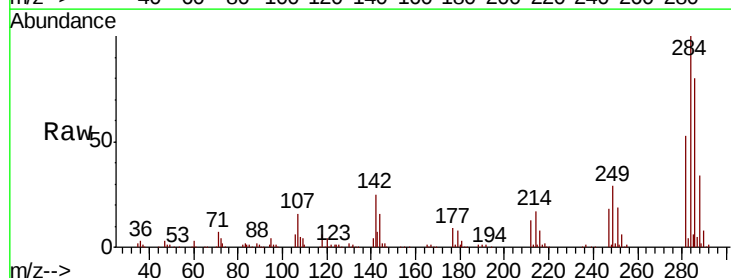
Manual Integrations
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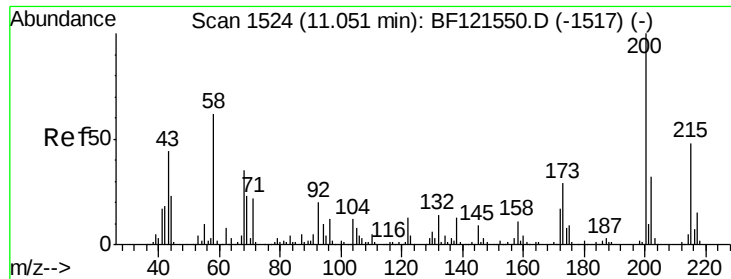
mohammad
 10/2/2020 12:10:24 PM



#68
 Hexachlorobenzene
 Concen: 43.579 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.01 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion:	284	Resp:	326697
Ion Ratio	Lower	Upper	
284	100		
142	24.9	27.4	41.2#
249	28.6	24.2	36.4





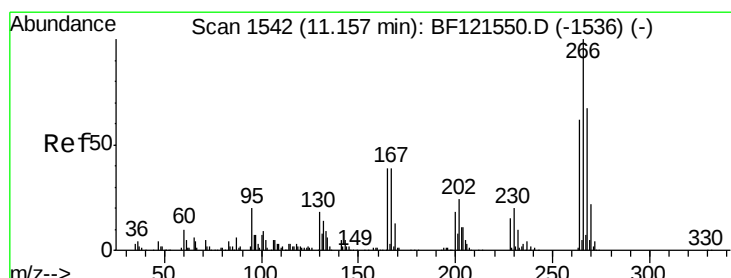
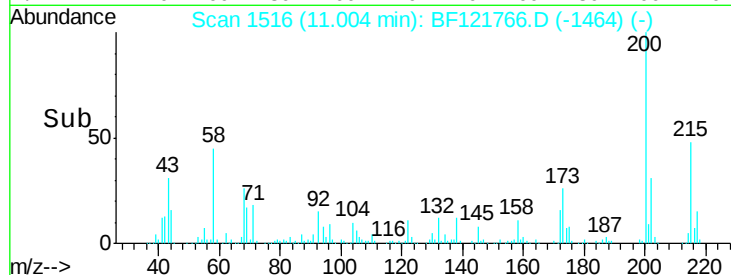
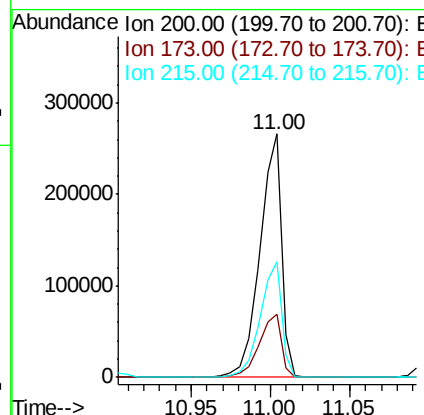
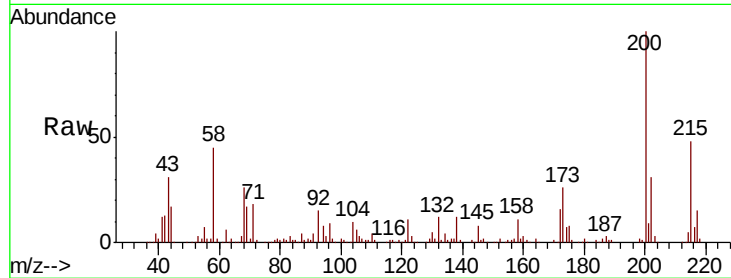
#69
Atrazine
Concen: 50.979 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.5	47.5
215	47.6	27.1	67.1

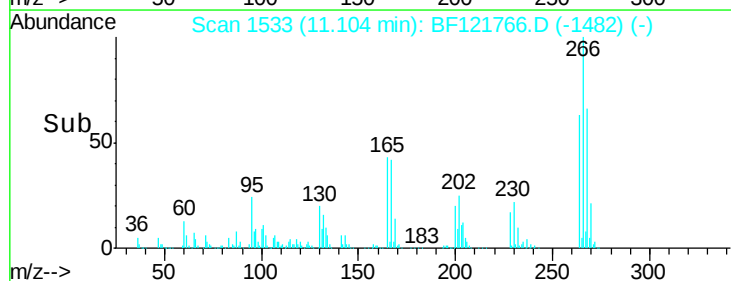
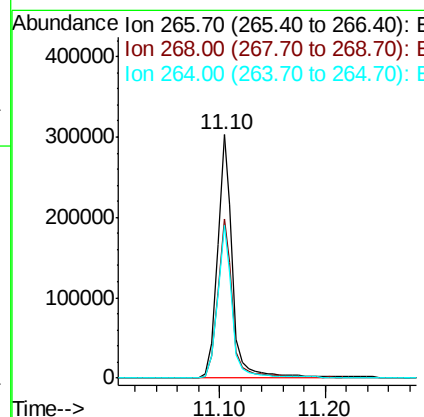
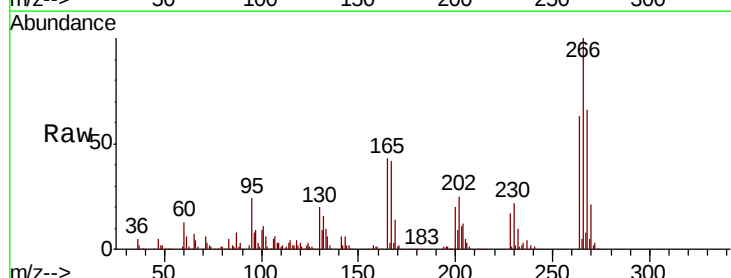
Manual Integrations
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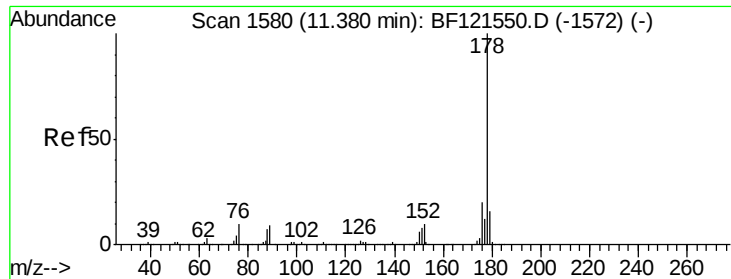
mohammad
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#70
Pentachlorophenol
Concen: 74.363 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.4	78.6
264	62.8	49.9	74.9





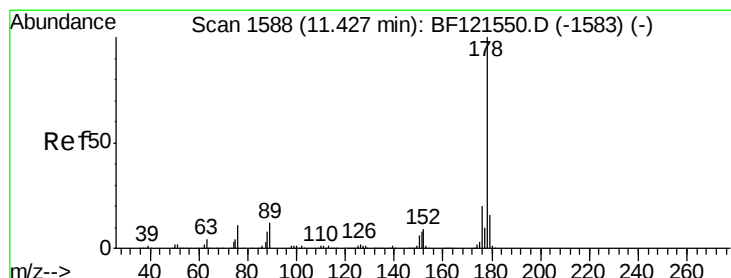
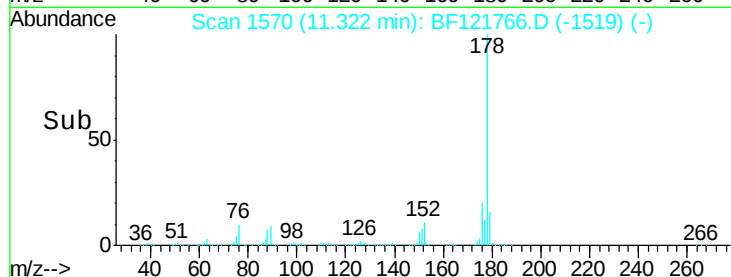
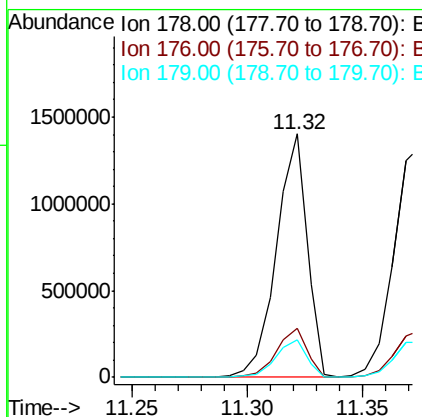
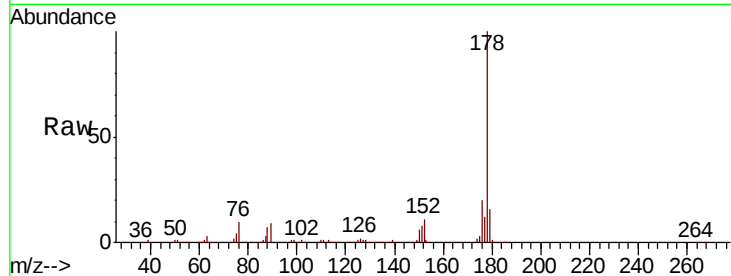
#71
Phenanthrene
Concen: 40.757 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:178 Resp: 1295609
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.6 12.2 18.4

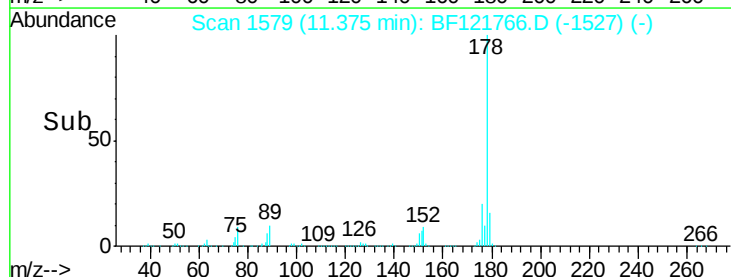
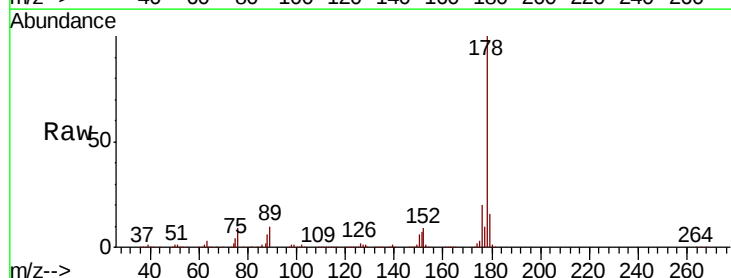
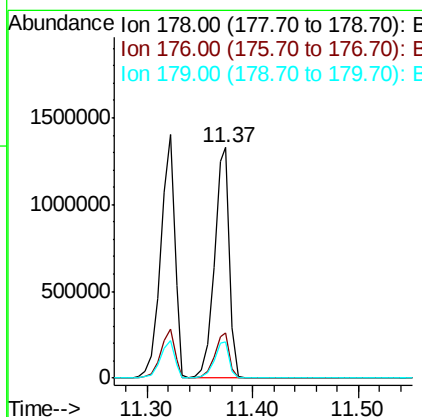
Manual Integrations
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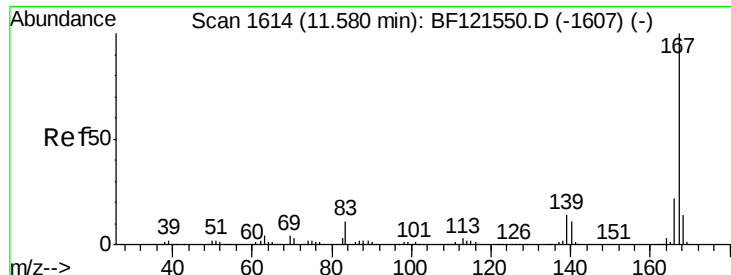
mohammad
10/2/2020 12:10:24 PM



#72
Anthracene
Concen: 40.809 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:178 Resp: 1338722
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.6 12.7 19.1





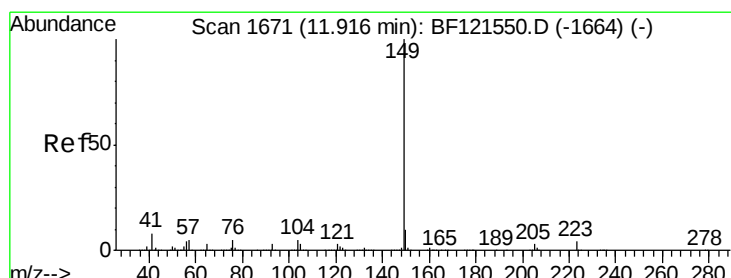
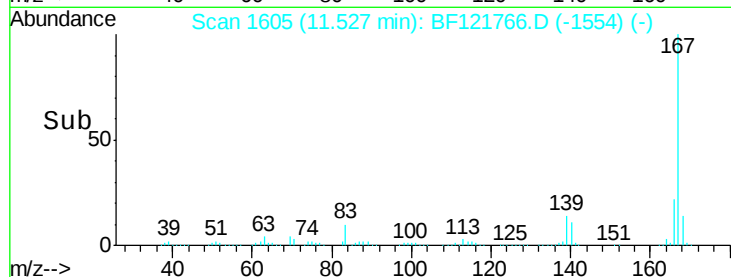
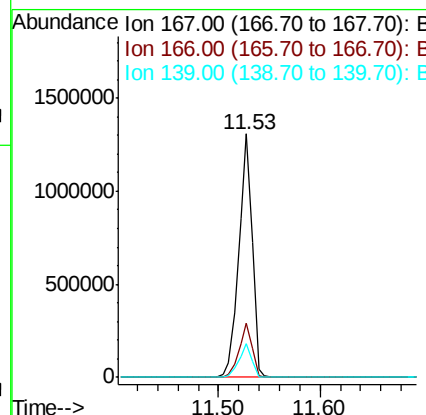
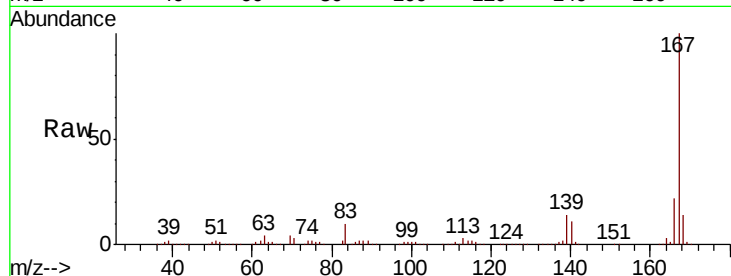
#73
 Carbazole
 Concen: 40.593 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:167 Resp: 1201667
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.8 10.8 16.2

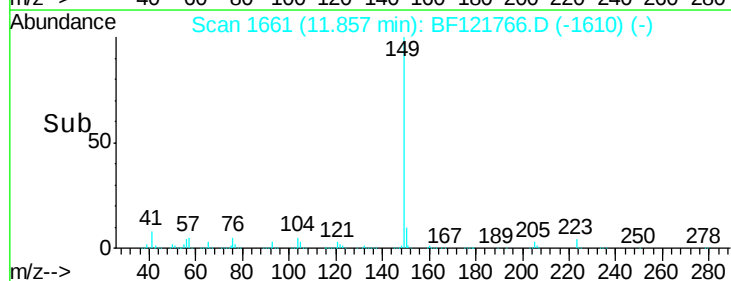
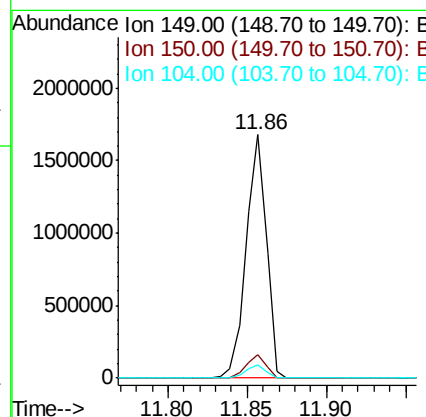
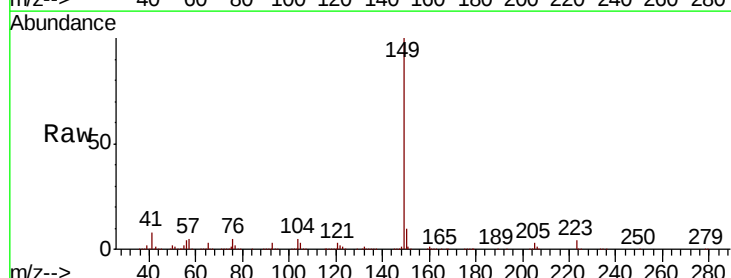
Manual Integrations
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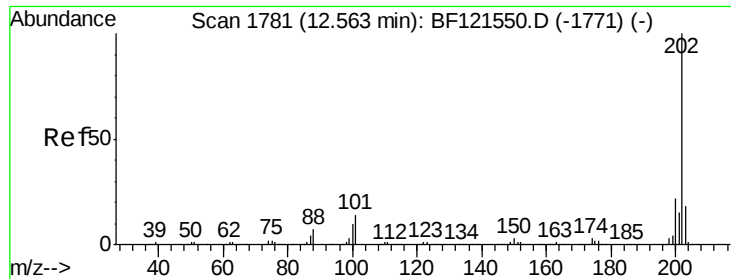
mohammad
 10/2/2020 12:10:24 PM



#74
 Di-n-butylphthalate
 Concen: 43.320 ng
 RT: 11.86 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion:149 Resp: 1480100
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.2 6.2





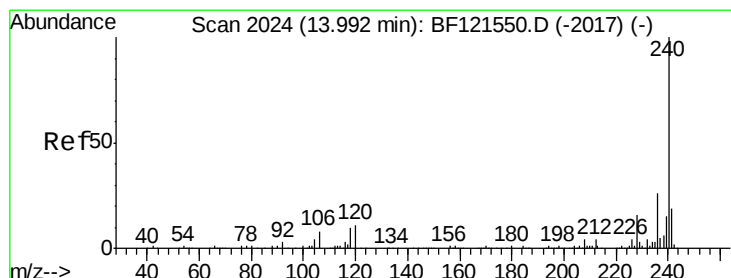
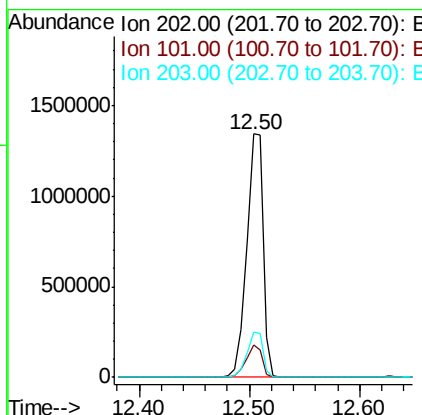
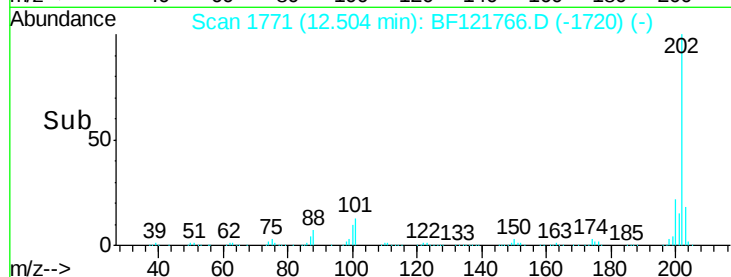
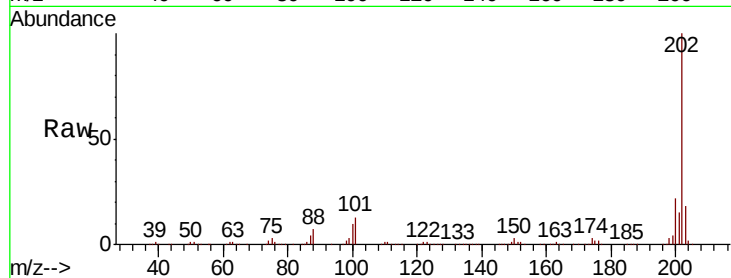
#75
Fluoranthene
Concen: 41.610 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.4
203	18.5	0.0	37.9

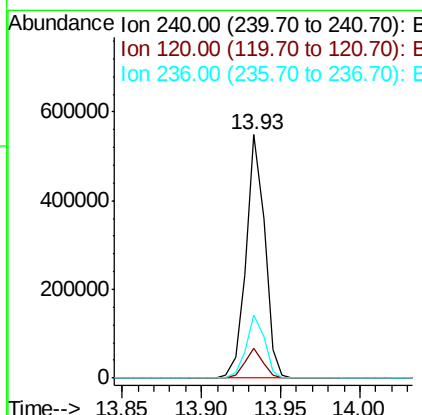
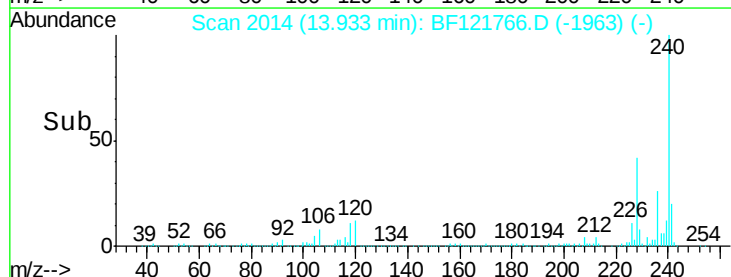
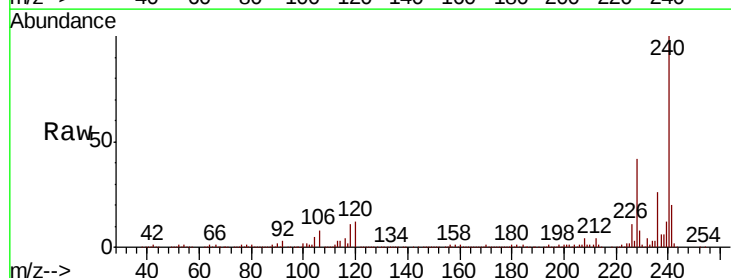
Manual Integrations
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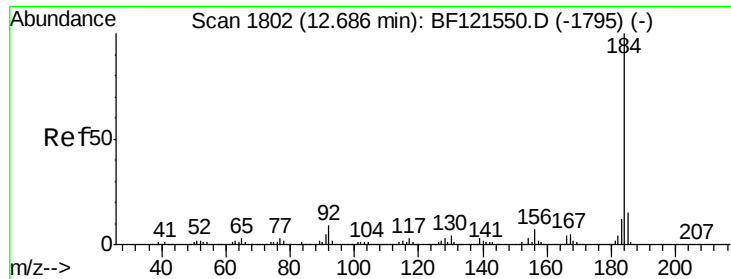
mohammad
10/2/2020 12:10:24 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	25.9	20.9	31.3





#77

Benzidine

Concen: 52.855 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

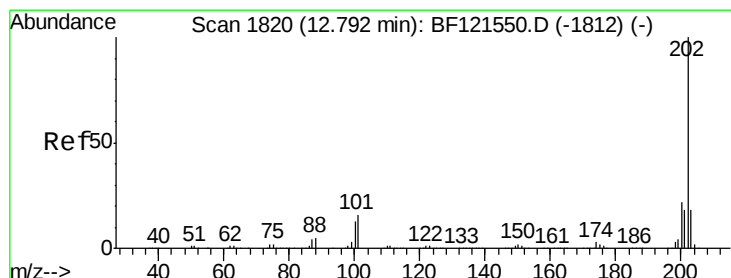
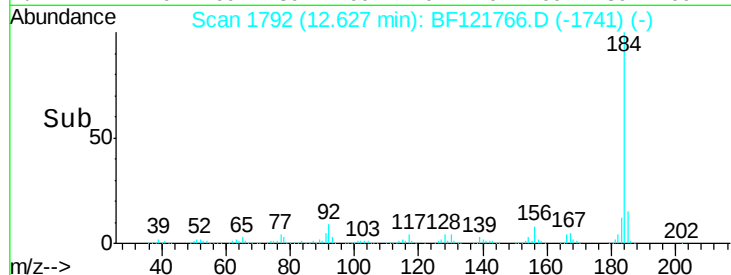
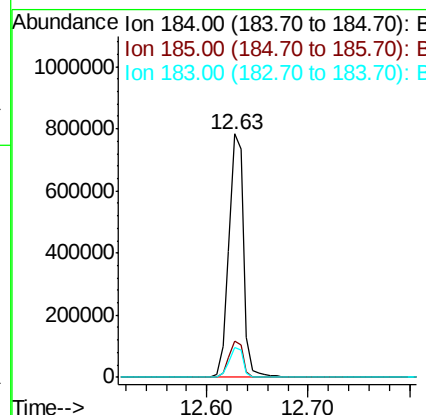
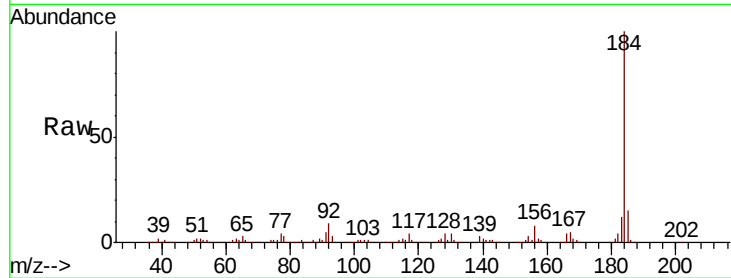
ClientSampleId :

PB132004BS

Tot Ion:	184	Resp:	787031
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.6	17.4
183	12.4	9.4	14.0

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#78

Pyrene

Concen: 43.380 ng

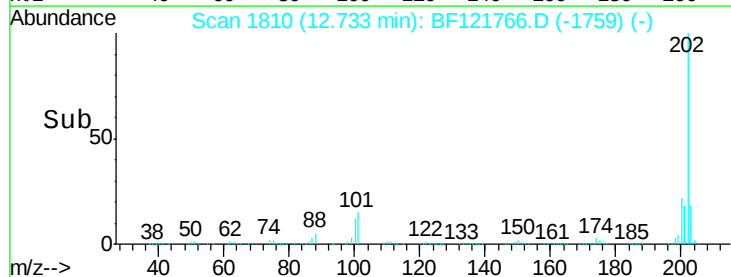
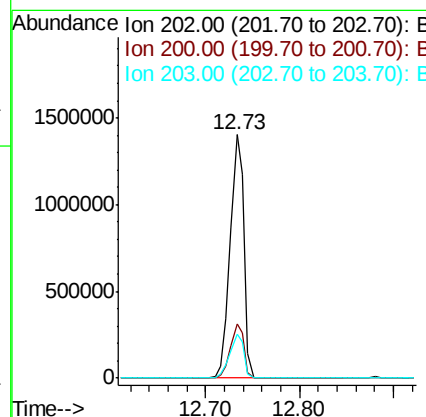
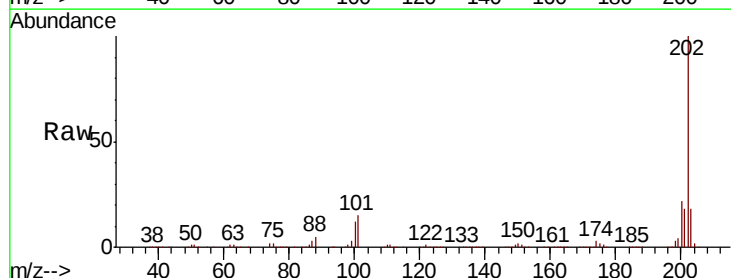
RT: 12.73 min Scan# 1810

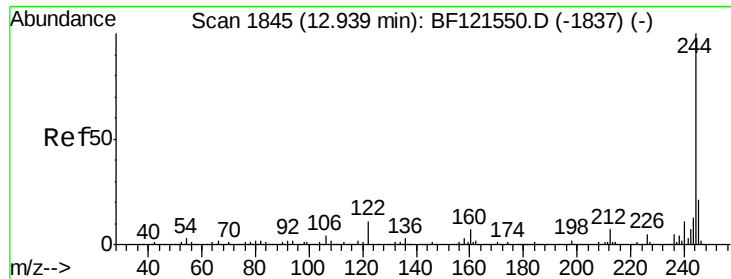
Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:	202	Resp:	1423575
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.4	26.2
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 102.150 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

Tot Ion:244 Resp: 2264742

Ion Ratio Lower Upper

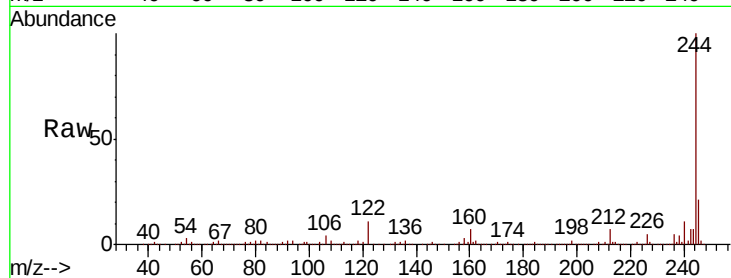
244 100

212 7.1 5.4 8.2

122 10.5 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

12.88

2500000

2000000

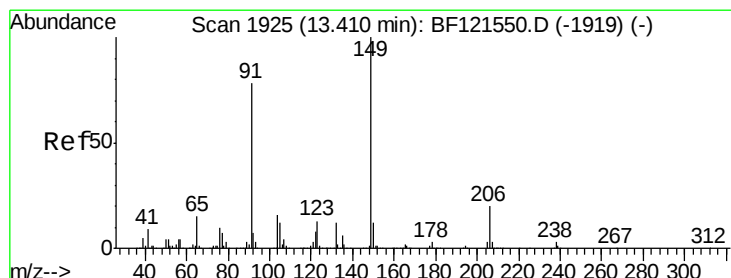
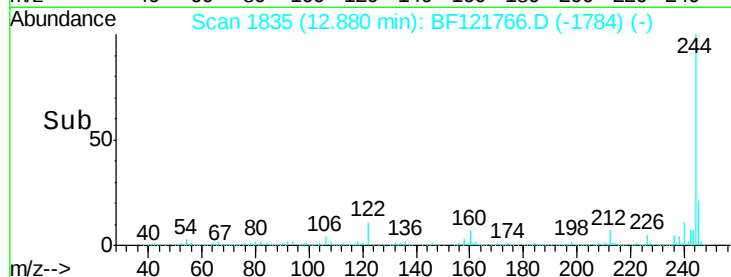
1500000

1000000

500000

0

Time-->



#80

Butylbenzylphthalate

Concen: 47.211 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

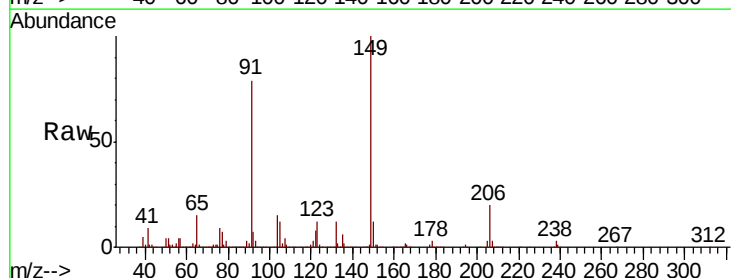
Tgt Ion:149 Resp: 626591

Ion Ratio Lower Upper

149 100

91 79.3 61.0 91.4

206 20.0 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

13.35

800000

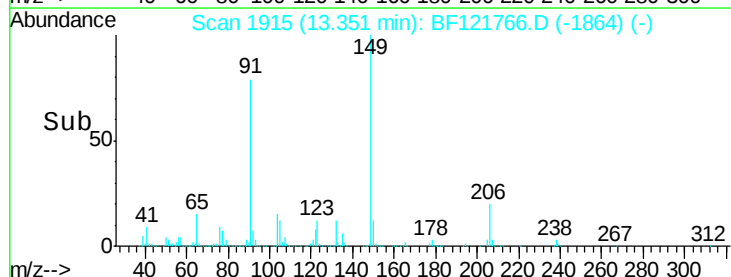
600000

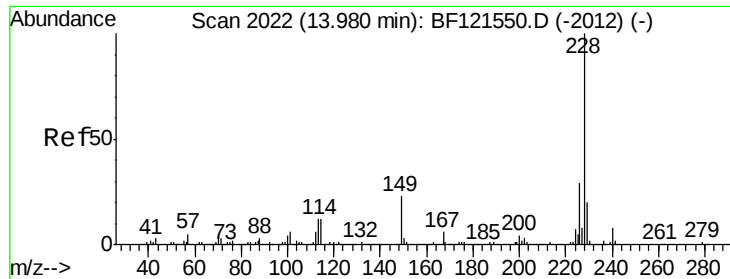
400000

200000

0

Time-->





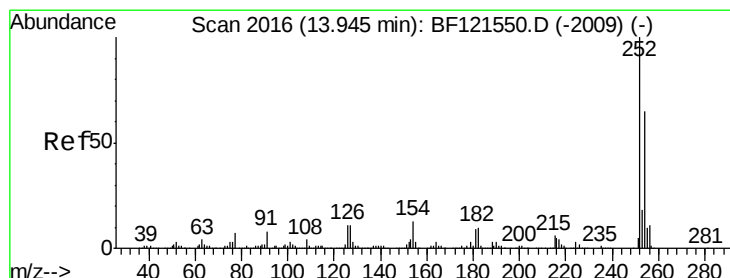
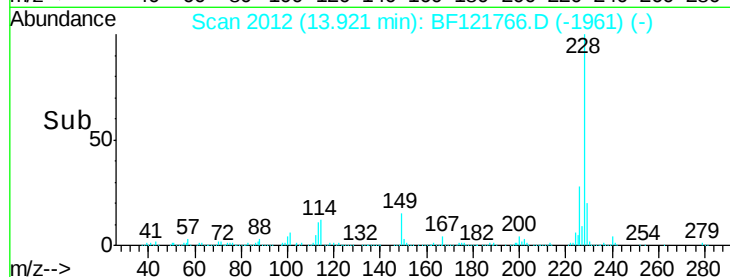
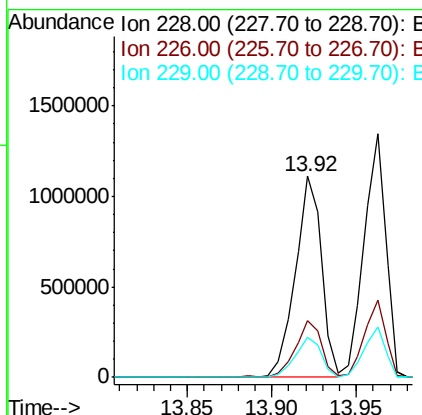
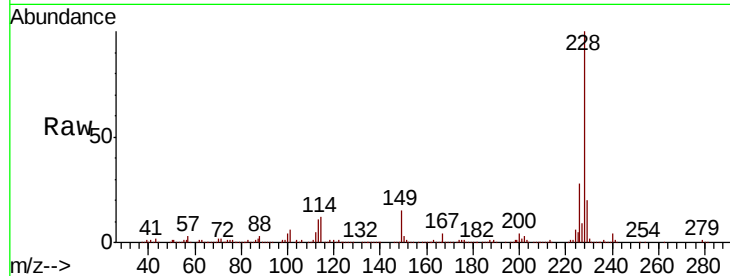
#81
Benzo(a)anthracene
Concen: 42.228 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.1	16.2	24.4

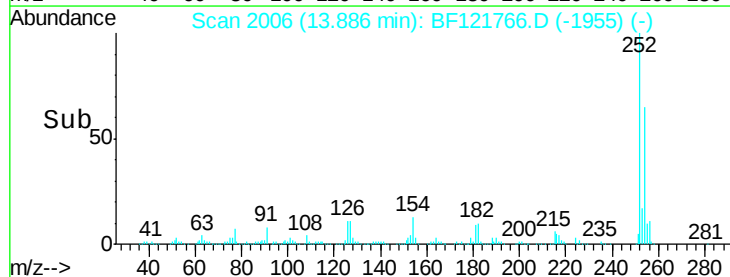
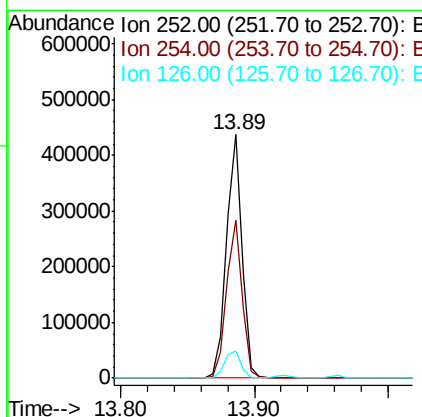
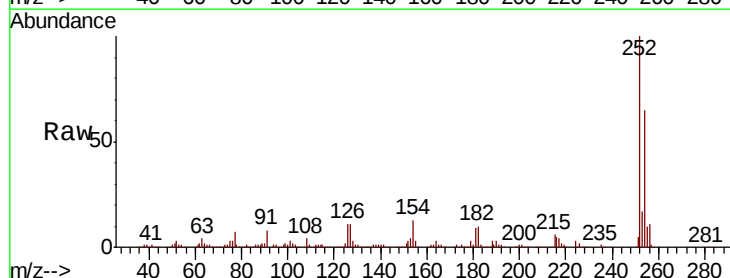
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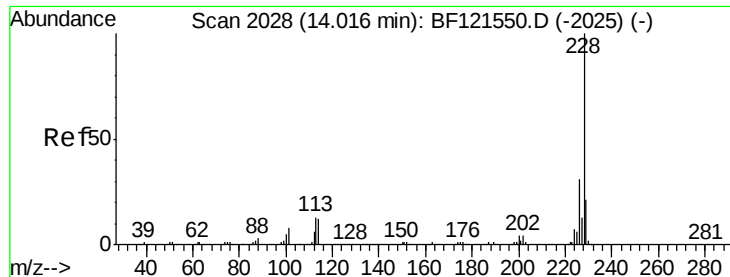
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#82
3,3'-Dichlorobenzidine
Concen: 32.678 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	11.4	8.8	13.2





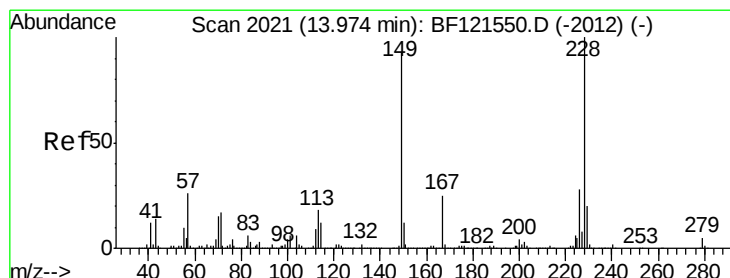
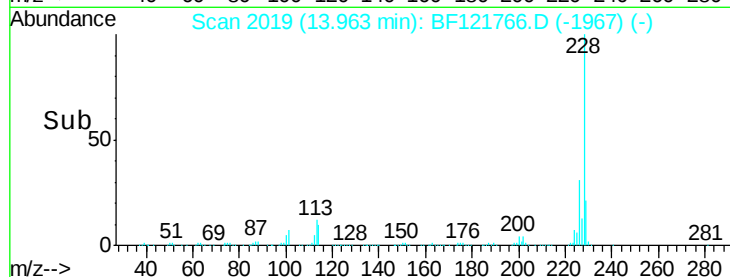
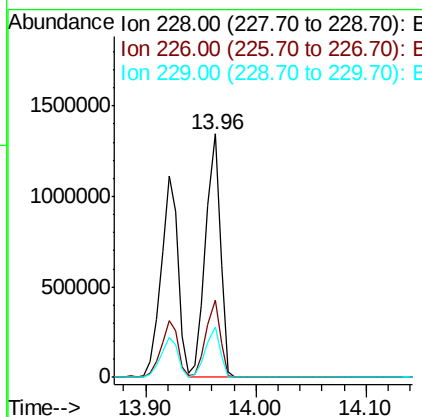
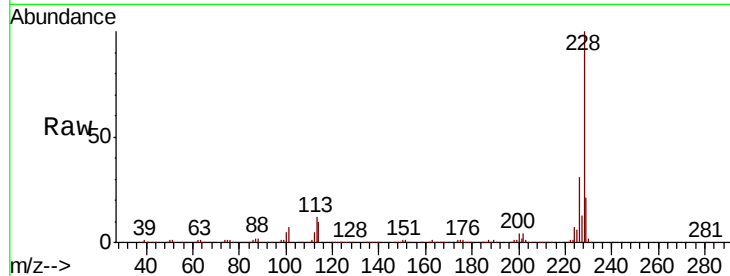
#83
Chrysene
Concen: 42.052 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:228 Resp: 1210045
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 20.6 15.9 23.9

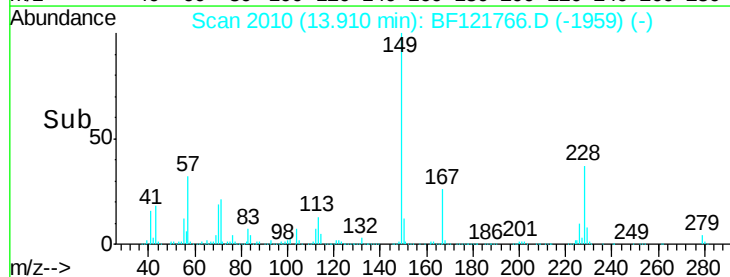
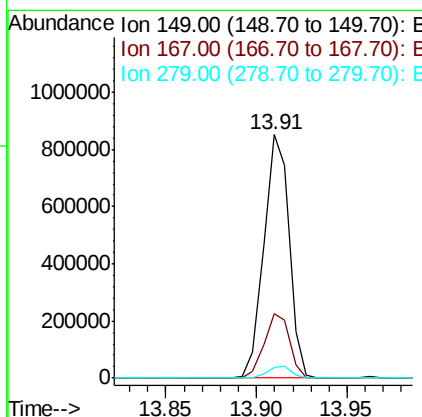
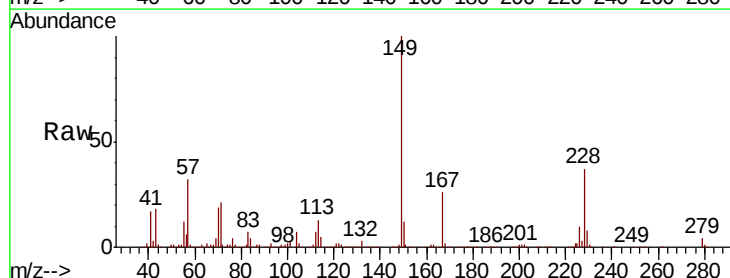
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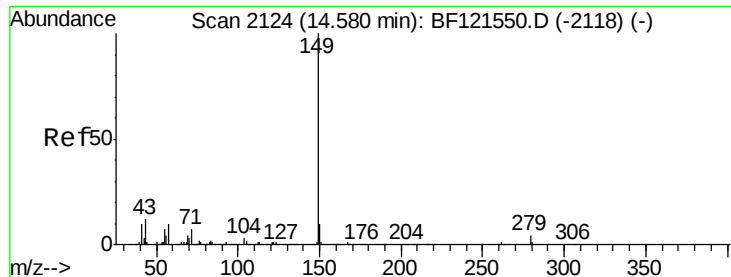
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.549 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:149 Resp: 825341
Ion Ratio Lower Upper
149 100
167 26.3 20.9 31.3
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.954 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

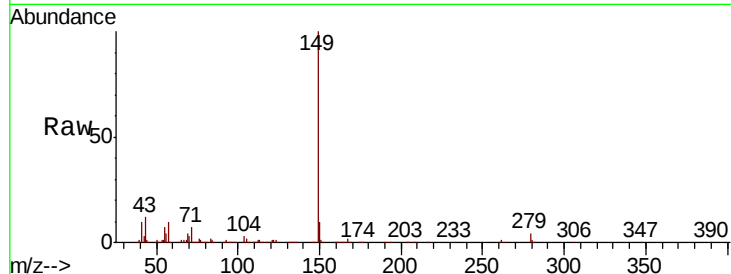
ClientSampleId :

PB132004BS

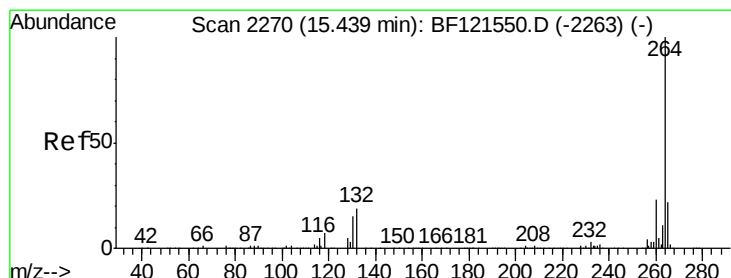
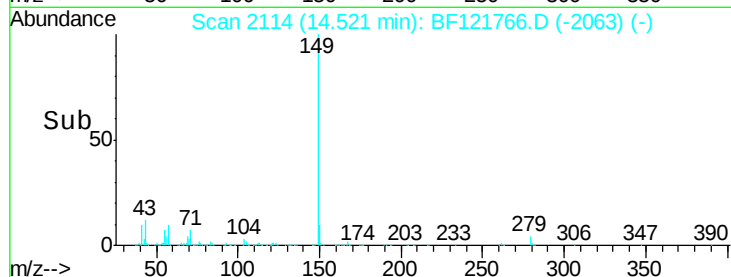
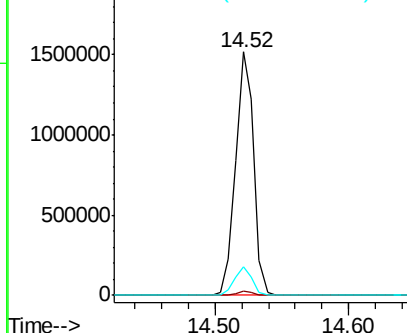
Tot Ion:	149	Resp:	1437943
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.0	13.6

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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

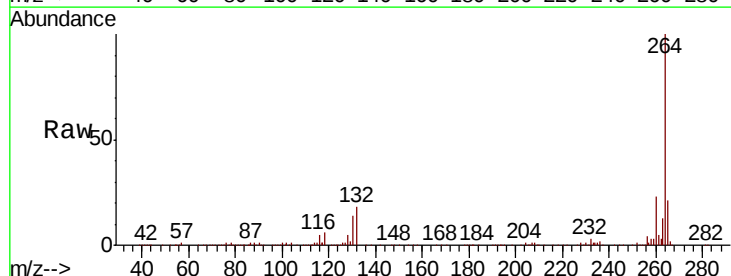
RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

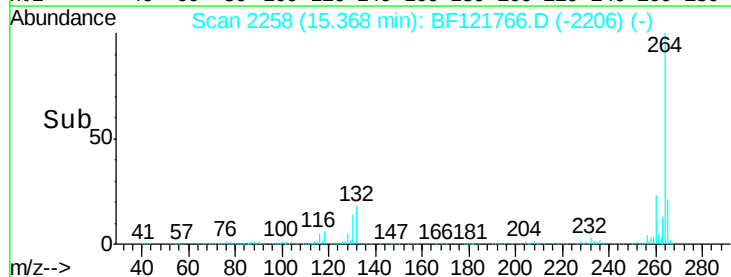
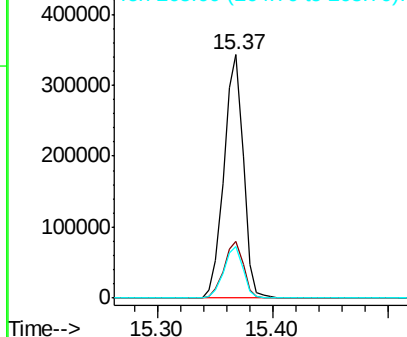
Lab File: BF121766.D

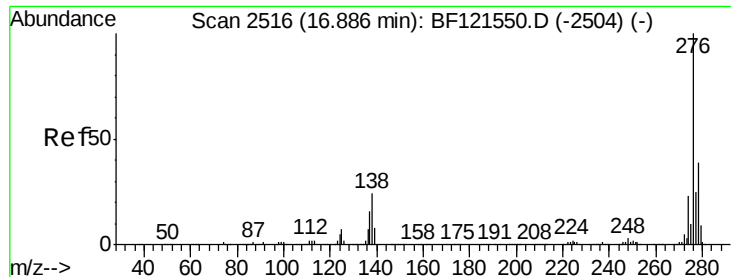
Acq: 1 Oct 2020 14:38

Tgt Ion:	264	Resp:	398993
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	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





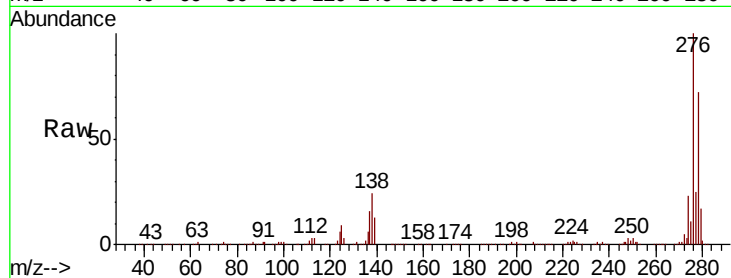
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.551 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

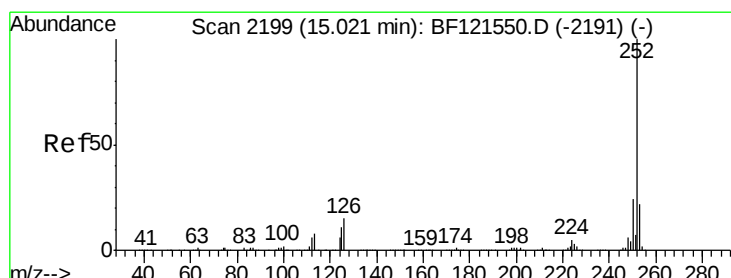
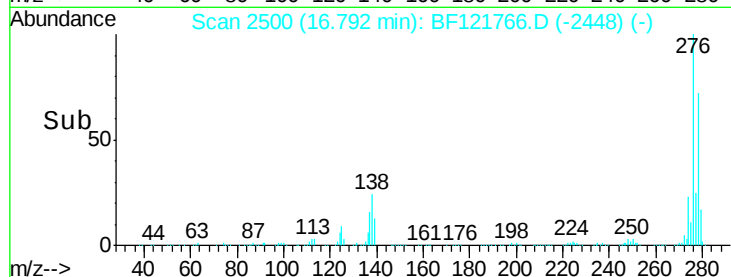
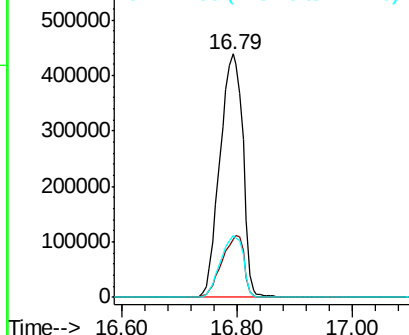
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.9	29.9
277	25.4	20.4	30.6

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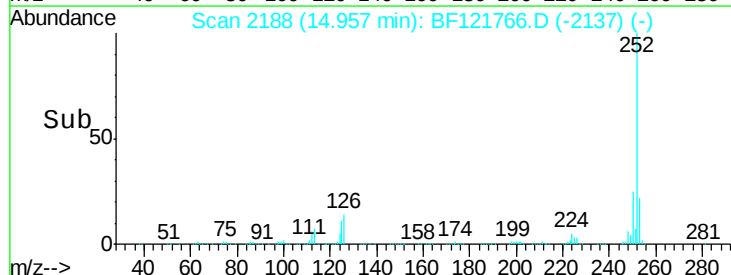
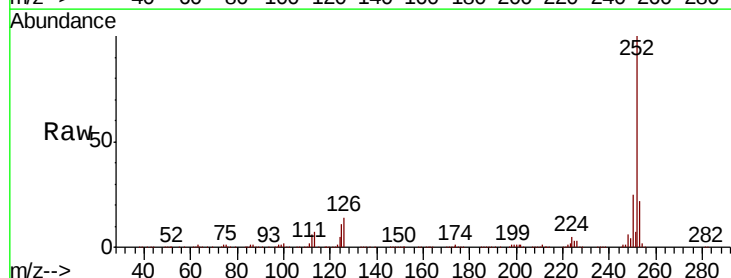
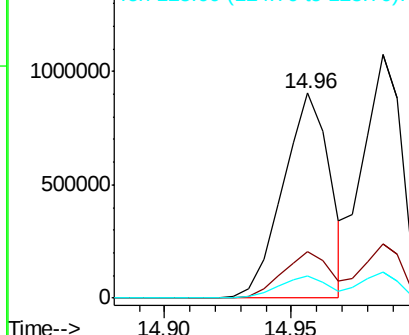
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

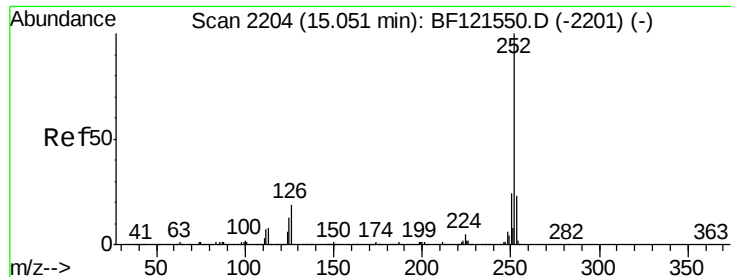


#88
Benzo(b)fluoranthene
Concen: 43.646 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.8	8.0	12.0

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





#89

Benzo(k)fluoranthene

Concen: 46.976 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampled :

PB132004BS

Tot Ion:252 Resp: 1147414

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

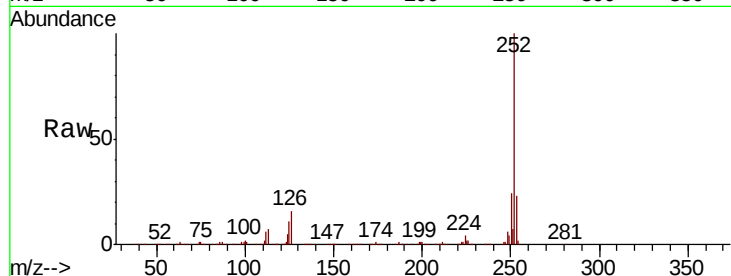
125 10.8 7.7 11.5

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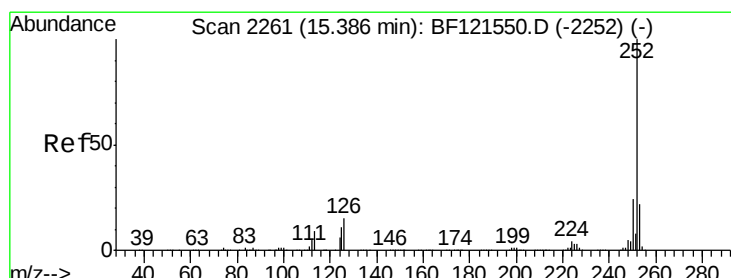
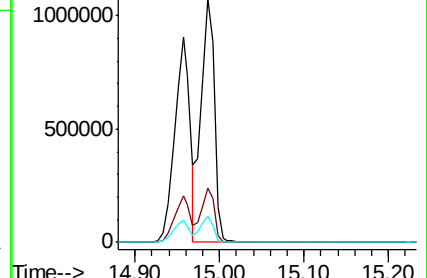
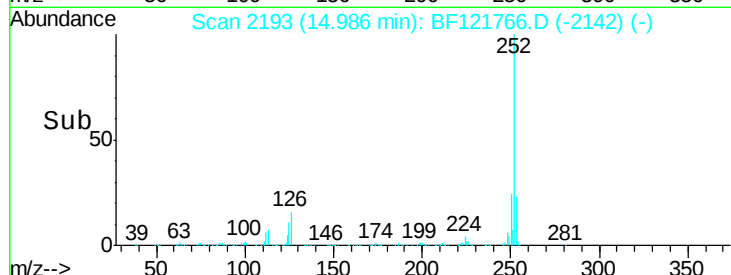
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.249 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

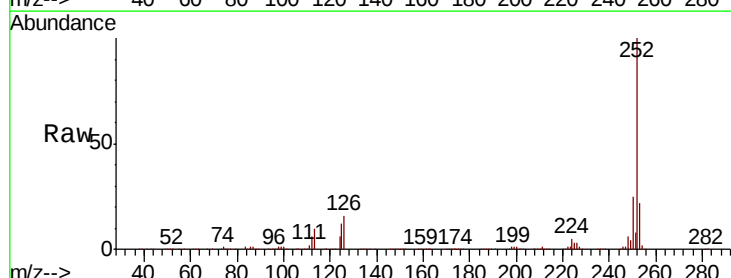
Tgt Ion:252 Resp: 1048617

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

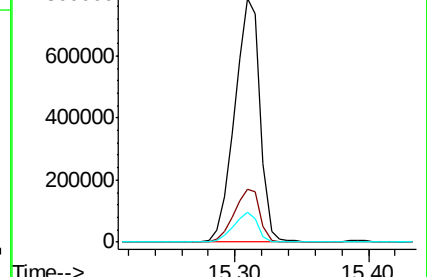
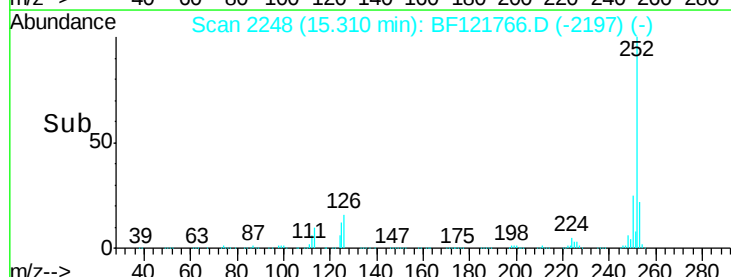
125 12.0 8.6 13.0

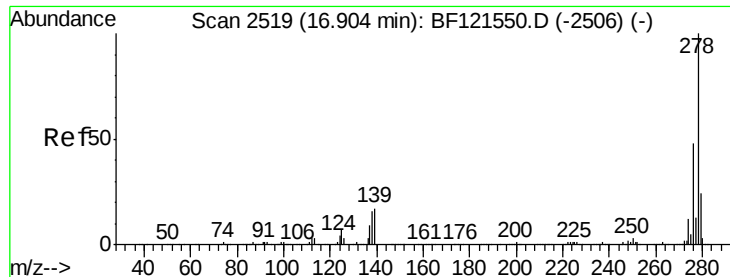


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





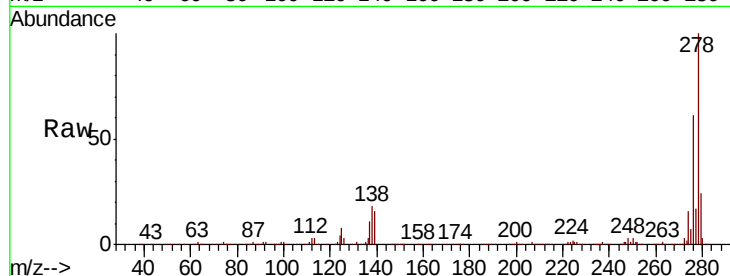
#91
Dibenzo(a,h)anthracene
Concen: 46.393 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.1	19.0	28.4

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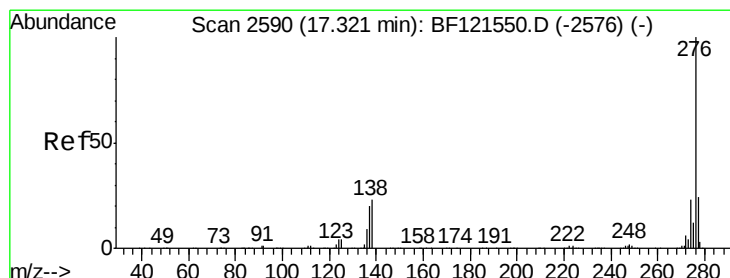
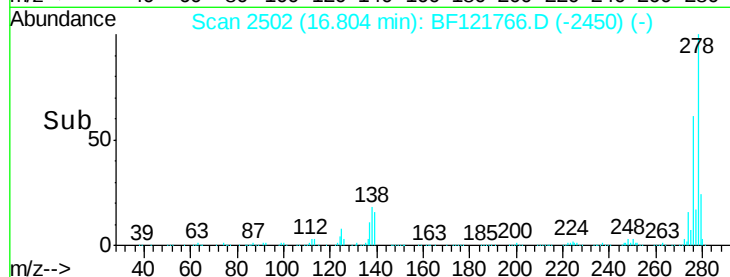
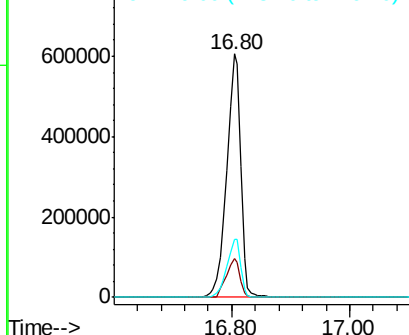


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.934 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	20.7	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

