

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122761.D
 Acq On : 17 Dec 2020 13:26
 Operator : JU/CG
 Sample : PB133642BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133642BSD

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:26:36 AM

Quant Time: Dec 17 14:07:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164634	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	624821	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	331960	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	615619	20.00	ng	0.00
76) Chrysene-d12	13.992	240	519438	20.00	ng	0.00
86) Perylene-d12	15.445	264	530658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1111232	106.86	ng	0.02
7) Phenol-d6	6.463	99	1434079	103.98	ng	0.00
23) Nitrobenzene-d5	7.387	82	822703	65.97	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	463860	106.75	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1577891	64.29	ng	0.00
79) Terphenyl-d14	12.933	244	1805741	60.85	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	199391	40.79	ng	97
3) Pyridine	3.410	79	548761	42.48	ng	99
4) n-Nitrosodimethylamine	3.375	42	219148	42.30	ng	99
6) Aniline	6.487	93	475572	29.29	ng	99
8) 2-Chlorophenol	6.610	128	503990	43.97	ng	96
9) Benzaldehyde	6.369	77	99017	11.86	ng	95
10) Phenol	6.475	94	596550	41.74	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	474737	43.48	ng	99
12) 1,3-Dichlorobenzene	6.763	146	560119	41.30	ng	99
13) 1,4-Dichlorobenzene	6.840	146	562203	41.11	ng	100
14) 1,2-Dichlorobenzene	6.993	146	519887	39.38	ng	100
15) Benzyl Alcohol	6.969	79	401755	42.31	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	590399	37.92	ng	96
17) 2-Methylphenol	7.081	107	418273	45.91	ng	98
18) Hexachloroethane	7.334	117	200642	41.17	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	327656	41.47	ng	100
20) 3+4-Methylphenols	7.234	107	483146	41.98	ng	96
22) Acetophenone	7.234	105	646099	41.59	ng	# 96
24) Nitrobenzene	7.404	77	520089	41.92	ng	99
25) Isophorone	7.645	82	939172	43.72	ng	99
26) 2-Nitrophenol	7.722	139	282387	46.67	ng	93
27) 2,4-Dimethylphenol	7.763	122	439616	49.57	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	597311	40.61	ng	99
29) 2,4-Dichlorophenol	7.969	162	440592	42.54	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	472765	40.29	ng	99
31) Naphthalene	8.128	128	1458580	42.30	ng	100
32) Benzoic acid	7.904	122	305281	43.20	ng	96
33) 4-Chloroaniline	8.175	127	355857	24.69	ng	99
34) Hexachlorobutadiene	8.245	225	280373	38.82	ng	99
35) Caprolactam	8.557	113	132231m	42.39	ng	
36) 4-Chloro-3-methylphenol	8.669	107	455537	44.65	ng	99
37) 2-Methylnaphthalene	8.822	142	981601	43.04	ng	97
38) 1-Methylnaphthalene	8.916	142	907010	42.04	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	453602	41.25	ng	99
41) Hexachlorocyclopentadiene	8.975	237	427942	88.03	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	306061	40.30	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122761.D
 Acq On : 17 Dec 2020 13:26
 Operator : JU/CG
 Sample : PB133642BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133642BSD

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:26:36 AM

Quant Time: Dec 17 14:07:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	331966	42.29	ng	100
46) 1,1'-Biphenyl	9.287	154	1170170	42.47	ng	97
47) 2-Chloronaphthalene	9.310	162	918078	40.22	ng	99
48) 2-Nitroaniline	9.404	65	265059	39.83	ng	92
49) Acenaphthylene	9.728	152	1419539	42.10	ng	99
50) Dimethylphthalate	9.586	163	1100469	41.51	ng	99
51) 2,6-Dinitrotoluene	9.651	165	249552	44.57	ng	96
52) Acenaphthene	9.898	154	993843m	45.56	ng	
53) 3-Nitroaniline	9.816	138	172185	26.61	ng	95
54) 2,4-Dinitrophenol	9.934	184	267998	97.90	ng	# 90
55) Dibenzofuran	10.069	168	1285300	41.89	ng	99
56) 4-Nitrophenol	9.992	139	378409	82.02	ng	95
57) 2,4-Dinitrotoluene	10.057	165	331707	44.47	ng	96
58) Fluorene	10.410	166	983339	40.29	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	288316	41.81	ng	100
60) Diethylphthalate	10.286	149	1054469	40.89	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	478363	39.81	ng	95
62) 4-Nitroaniline	10.434	138	253039	38.53	ng	96
63) Azobenzene	10.563	77	975402	41.15	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	190922	50.86	ng	94
66) n-Nitrosodiphenylamine	10.522	169	909371	41.81	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	332150	39.82	ng	94
68) Hexachlorobenzene	10.963	284	370976	40.23	ng	94
69) Atrazine	11.051	200	258752	36.63	ng	99
70) Pentachlorophenol	11.157	266	397963	81.45	ng	99
71) Phenanthrene	11.375	178	1471206	40.21	ng	99
72) Anthracene	11.428	178	1528902	42.14	ng	99
73) Carbazole	11.580	167	1379032	41.91	ng	100
74) Di-n-butylphthalate	11.910	149	1614977	39.06	ng	99
75) Fluoranthene	12.563	202	1578149	41.13	ng	99
77) Benzidine	12.680	184	603863	53.75	ng	99
78) Pyrene	12.792	202	1594467	39.70	ng	99
80) Butylbenzylphthalate	13.410	149	704397	38.94	ng	94
81) Benzo(a)anthracene	13.980	228	1424688	41.04	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	407825	32.80	ng	# 96
83) Chrysene	14.022	228	1425544	41.26	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	946375	38.20	ng	98
85) Di-n-octyl phthalate	14.580	149	1628747	39.64	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1477232	42.41	ng	100
88) Benzo(b)fluoranthene	15.027	252	1636506	43.95	ng	99
89) Benzo(k)fluoranthene	15.063	252	1330414	39.08	ng	98
90) Benzo(a)pyrene	15.392	252	1353150	41.54	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	1218435	42.74	ng	100
92) Benzo(g,h,i)perylene	17.345	276	1227402	44.48	ng	99

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

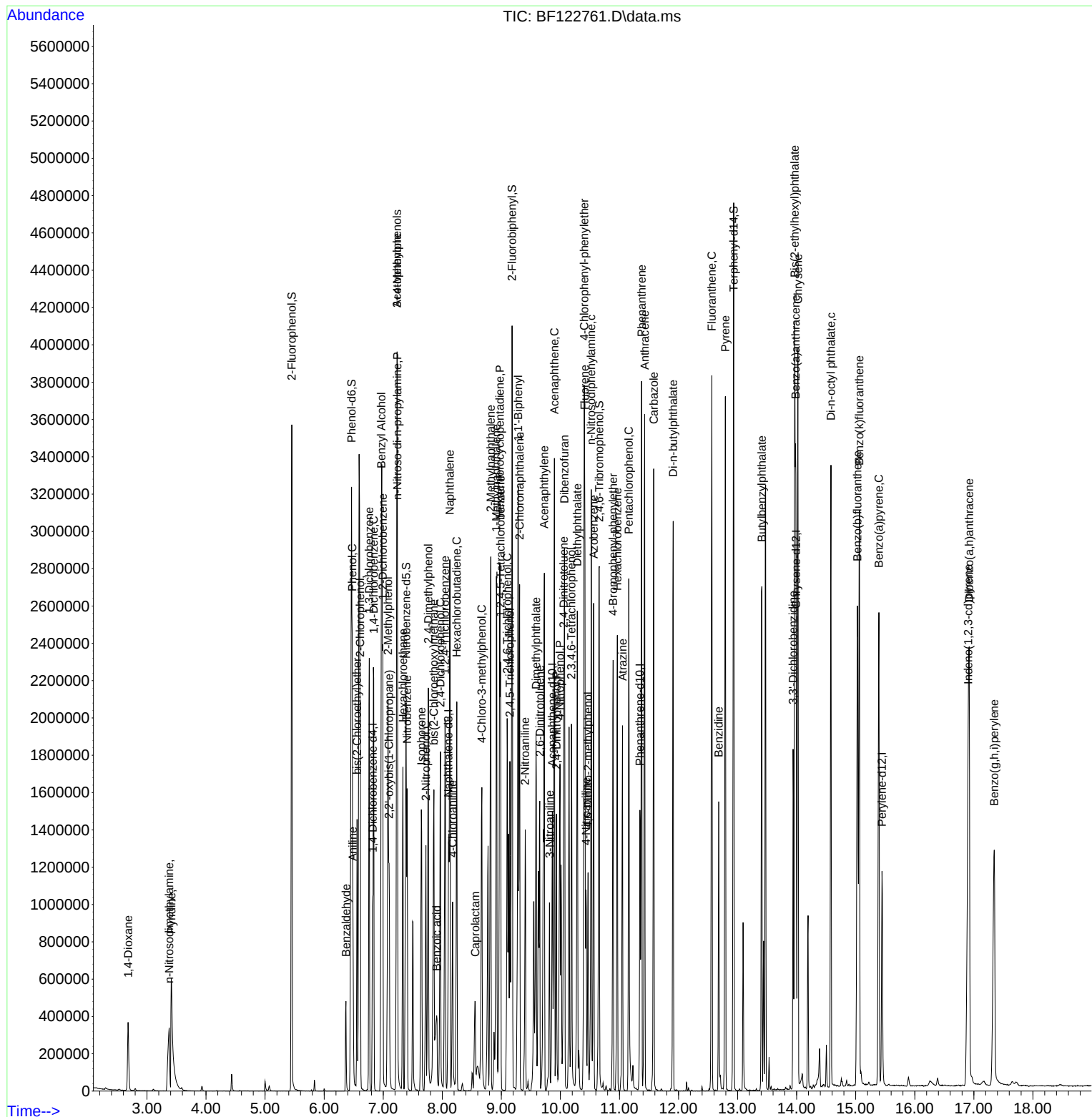
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122761.D
Acq On    : 17 Dec 2020  13:26
Operator  : JU/CG
Sample    : PB133642BSD
Misc      :
ALS Vial  : 6   Sample Multiplier: 1
```

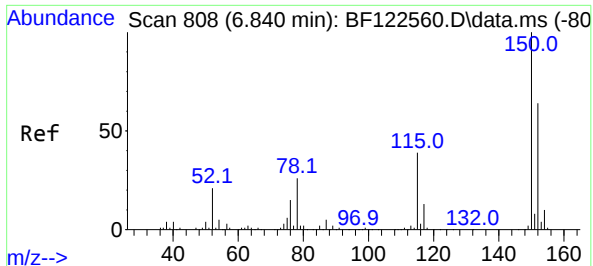
Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

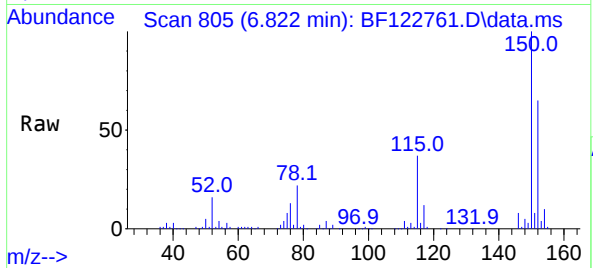
mohammad
12/18/2020 10:26:36 AM

Quant Time: Dec 17 14:07:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

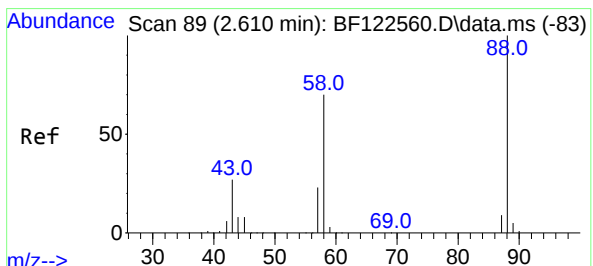
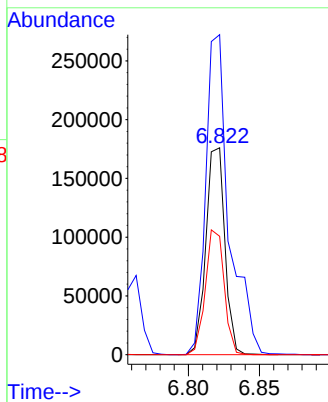
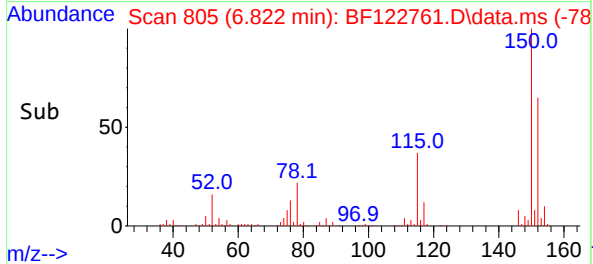




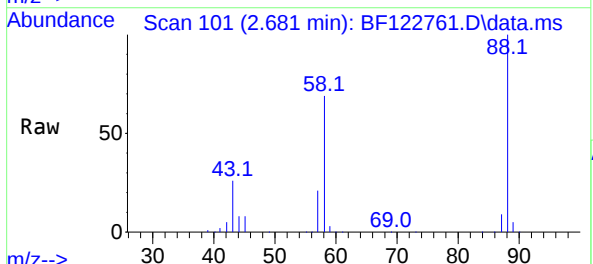
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



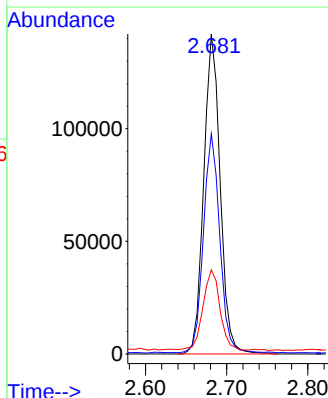
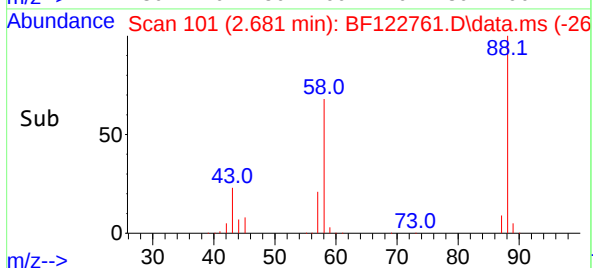
Tgt Ion:152 Resp: 164634
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 57.3 49.3 73.9



#2
1,4-Dioxane
Concen: 40.79 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.141 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



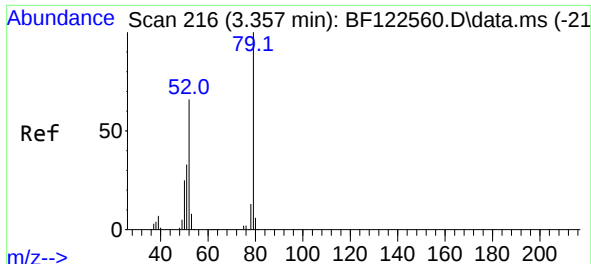
Tgt Ion: 88 Resp: 199391
Ion Ratio Lower Upper
88 100
58 68.1 56.2 84.2
43 25.9 21.8 32.6



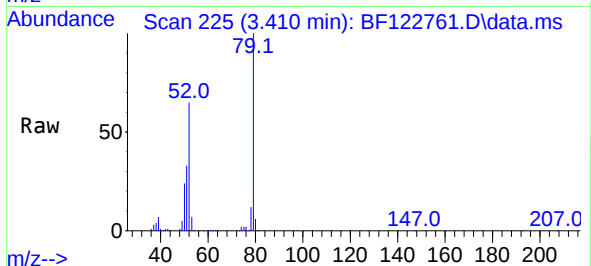
Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

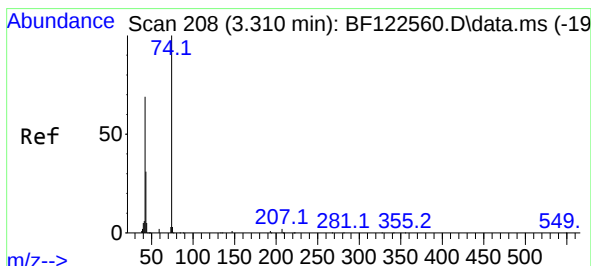
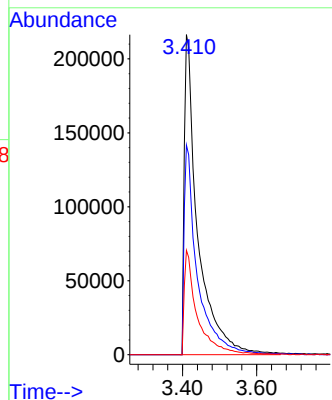
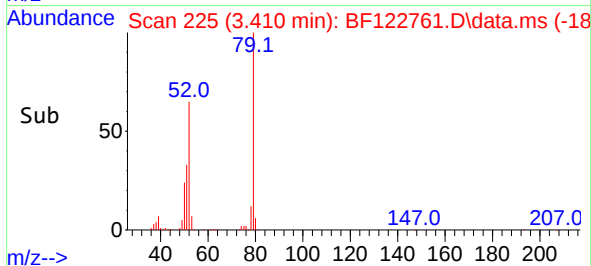
mohammad
12/18/2020 10:26:36 AM



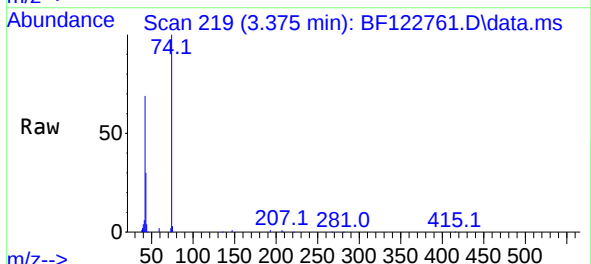
#3
Pyridine
Concen: 42.48 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.123 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



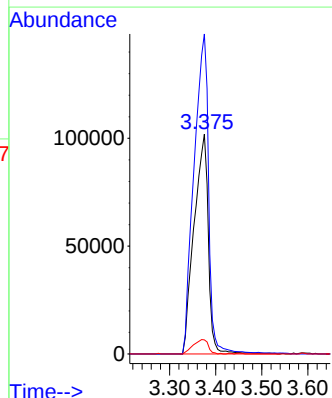
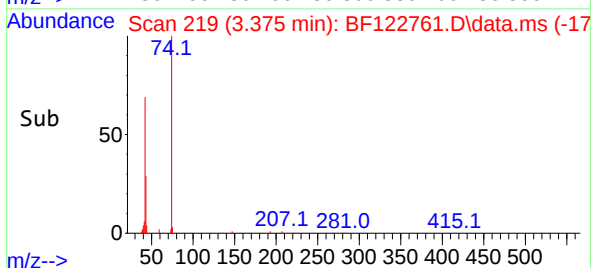
Tgt Ion: 79 Resp: 548761
Ion Ratio Lower Upper
79 100
52 65.5 53.0 79.4
51 32.6 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 42.30 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.135 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



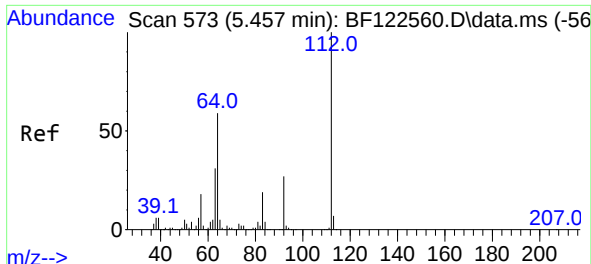
Tgt Ion: 42 Resp: 219148
Ion Ratio Lower Upper
42 100
74 145.5 115.2 172.8
44 6.4 5.4 8.0



Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



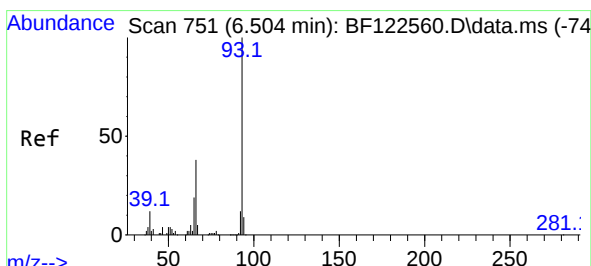
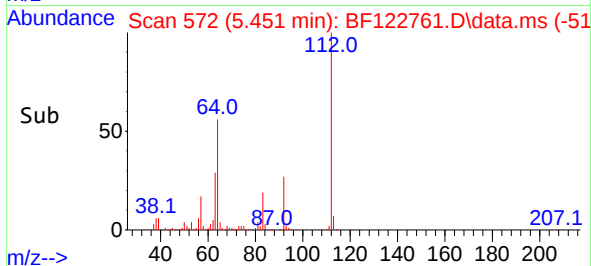
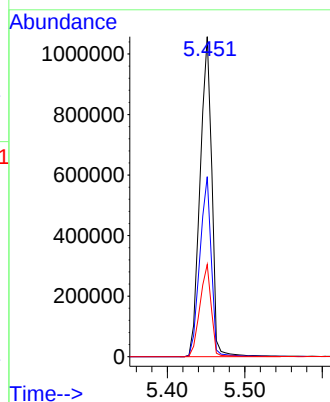
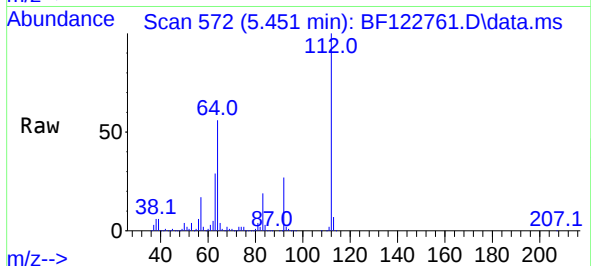
#5
2-Fluorophenol
Concen: 106.86 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Tgt Ion:112 Resp: 1111232
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 28.8 24.5 36.7

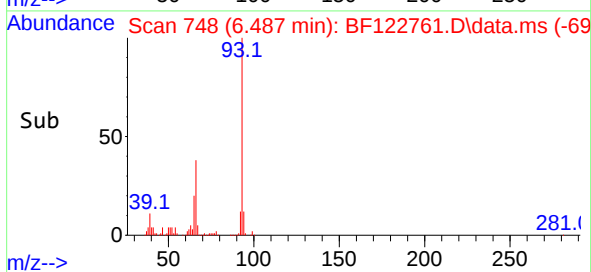
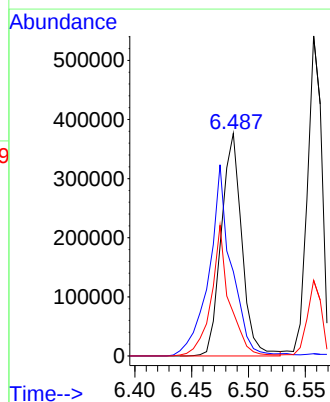
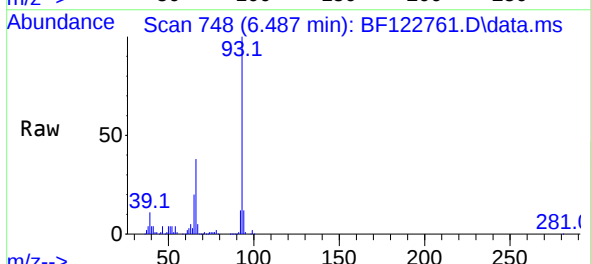
Manual Integrations
APPROVED

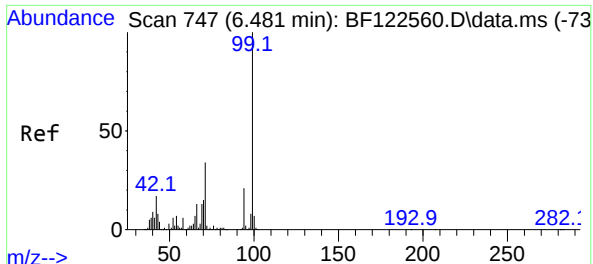
mohammad
12/18/2020 10:26:36 AM



#6
Aniline
Concen: 29.29 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

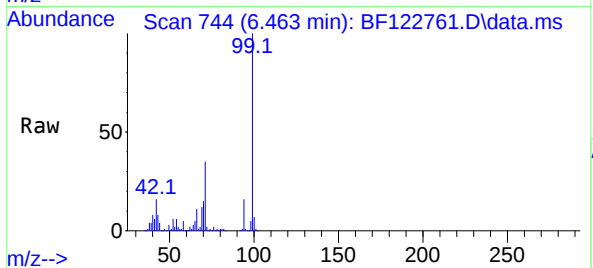
Tgt Ion: 93 Resp: 475572
Ion Ratio Lower Upper
93 100
66 38.0 31.3 46.9
65 19.5 15.6 23.4





#7
Phenol-d6
Concen: 103.98 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

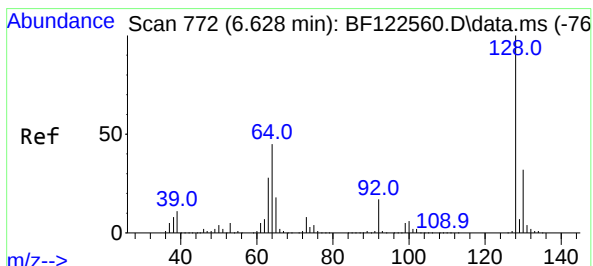
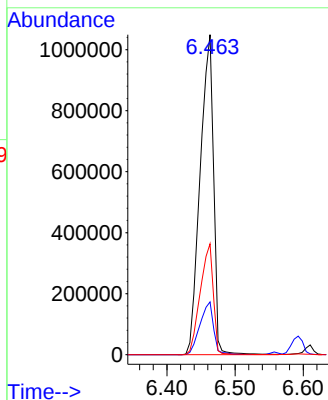
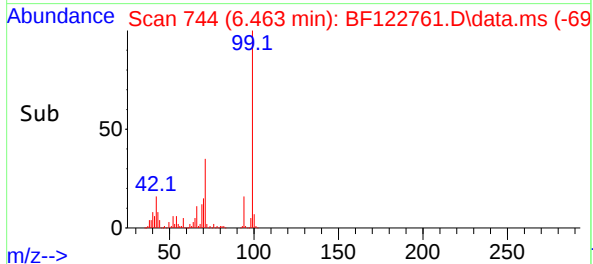


Tgt Ion: 99 Resp: 1434079

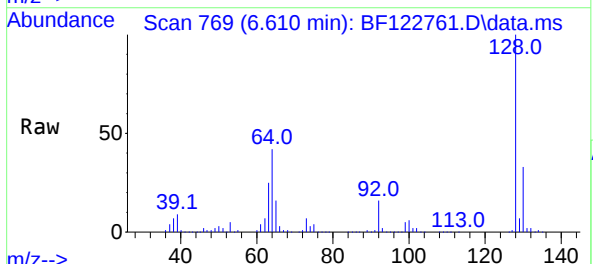
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	34.7	26.9	40.3

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM

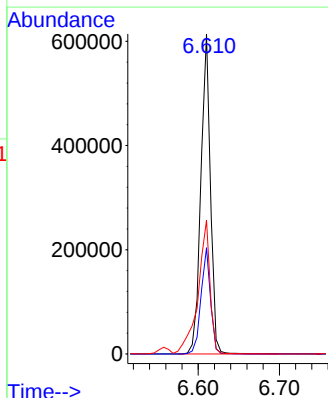
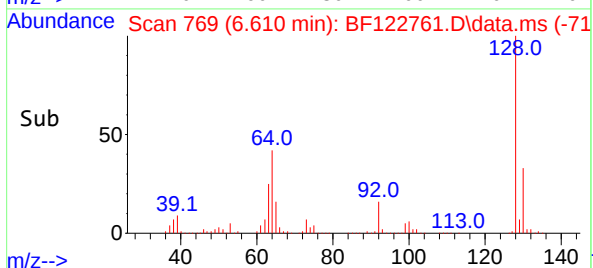


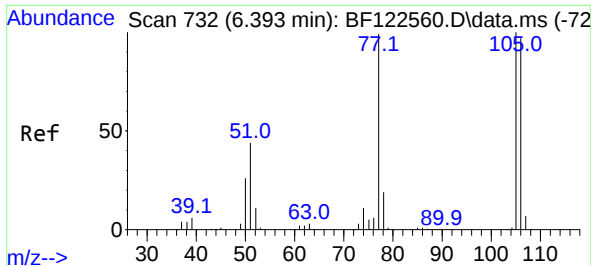
#8
2-Chlorophenol
Concen: 43.97 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 128 Resp: 503990

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	41.8	25.5	65.5





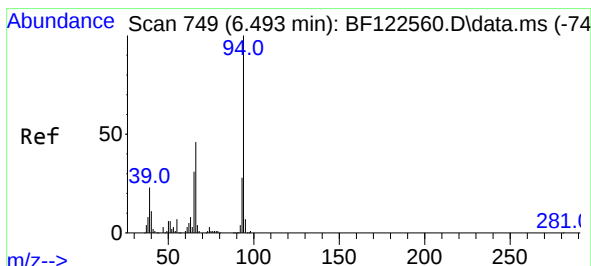
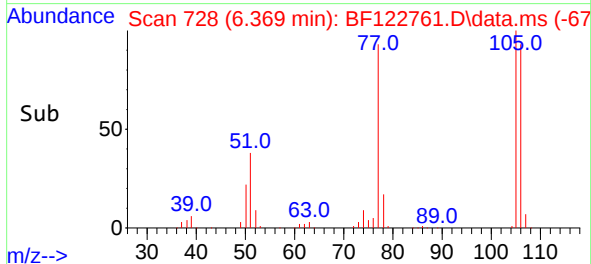
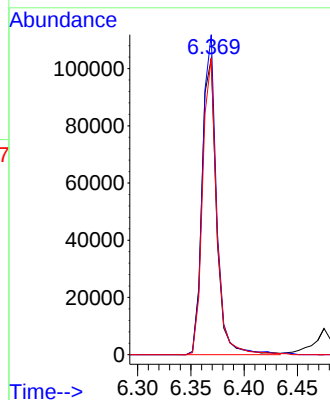
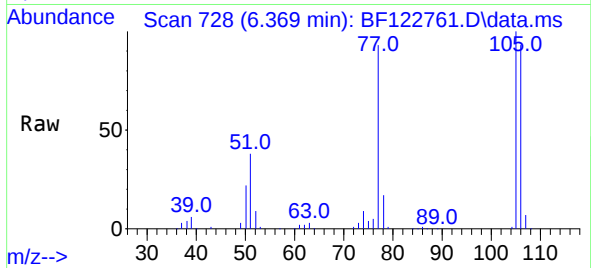
#9
Benzaldehyde
Concen: 11.86 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:	77	Resp:	99017
Ion	Ratio	Lower	Upper
77	100		
105	108.1	80.6	120.6
106	100.2	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

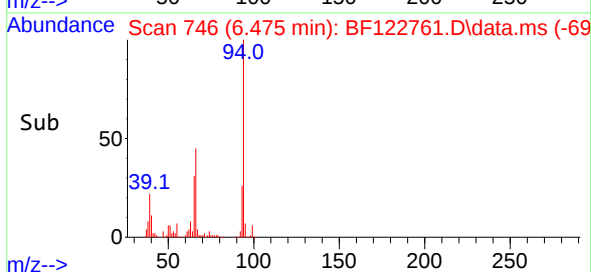
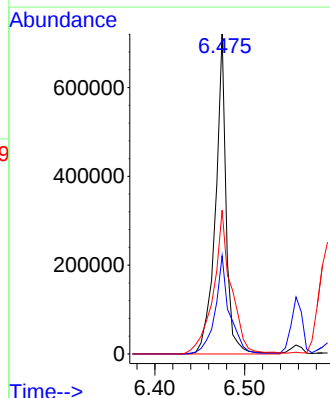
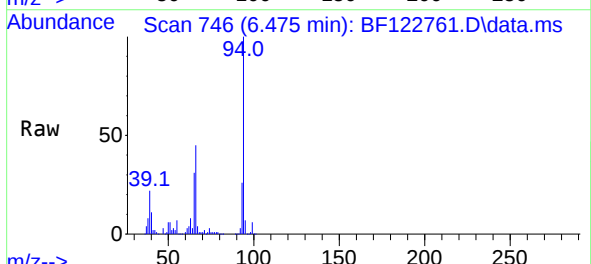
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#10
Phenol
Concen: 41.74 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

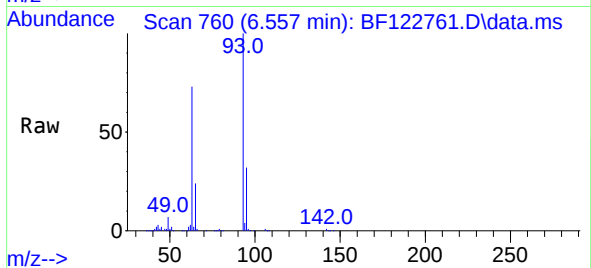
Tgt Ion:	94	Resp:	596550
Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.2	51.2
66	44.9	25.8	65.8





#11
bis(2-Chloroethyl)ether
Concen: 43.48 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

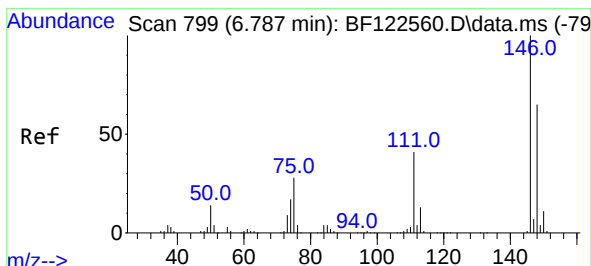
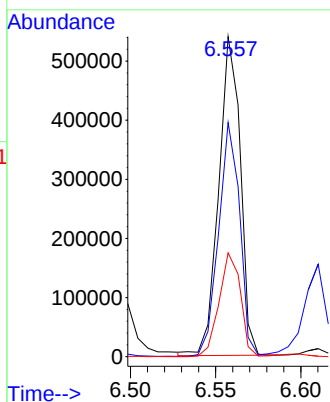
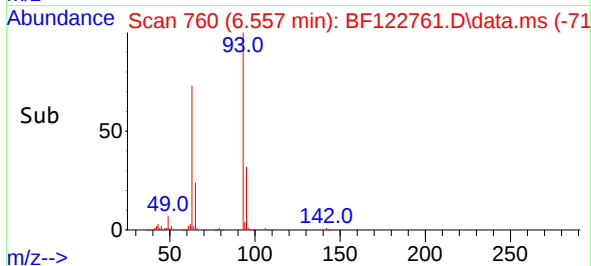
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



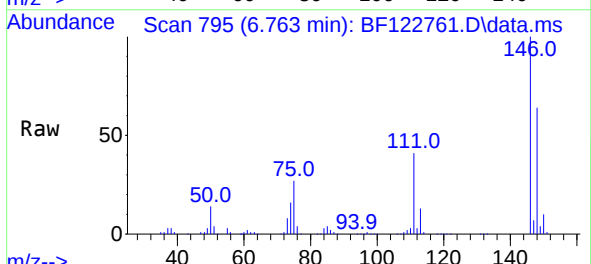
Tgt Ion: 93 Resp: 474737
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 32.5 12.6 52.6

Manual Integrations
APPROVED

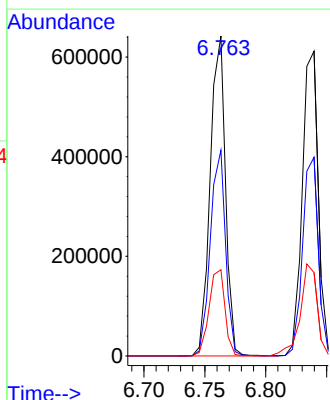
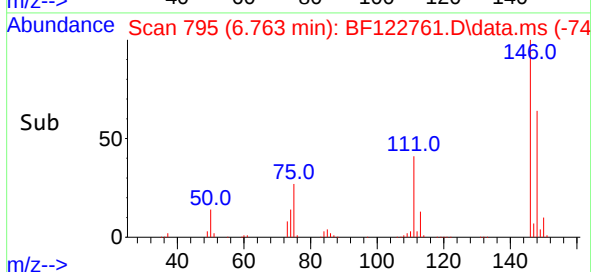
mohammad
12/18/2020 10:26:36 AM

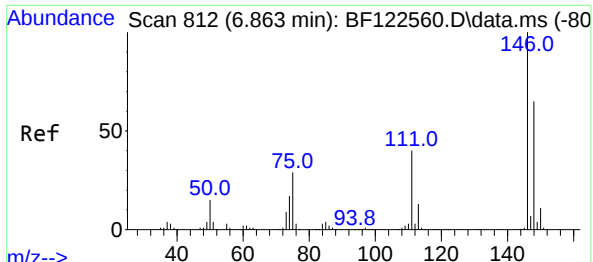


#12
1,3-Dichlorobenzene
Concen: 41.30 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 146 Resp: 560119
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 27.0 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.11 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF122761.D

Acq: 17 Dec 2020 13:26

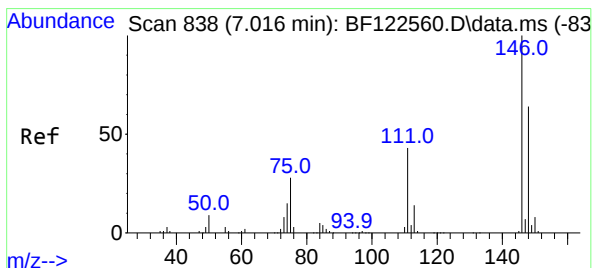
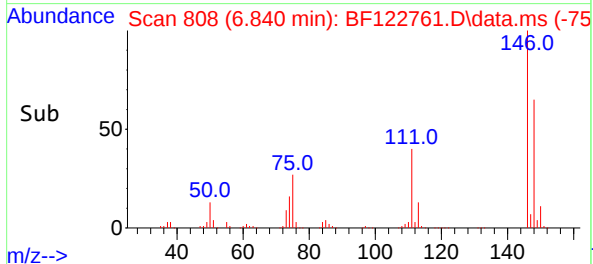
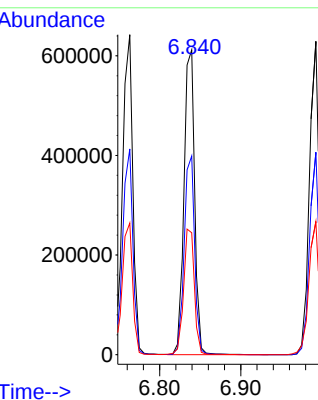
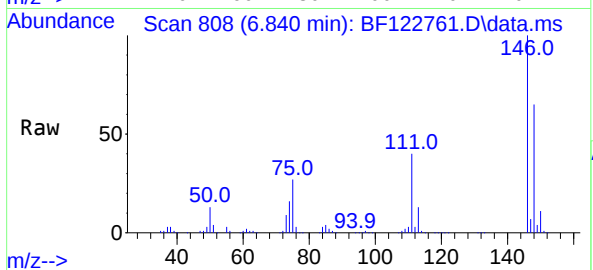
Tgt Ion:146 Resp: 562203

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

111 40.0 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 39.38 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF122761.D

Acq: 17 Dec 2020 13:26

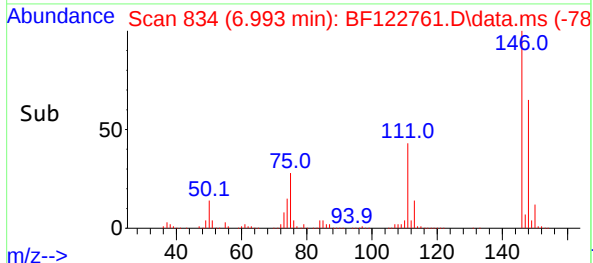
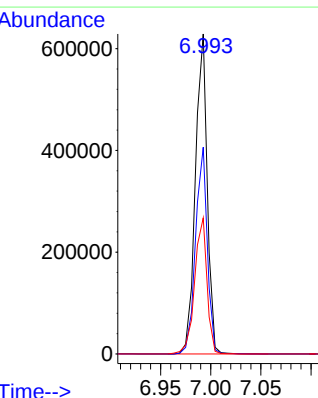
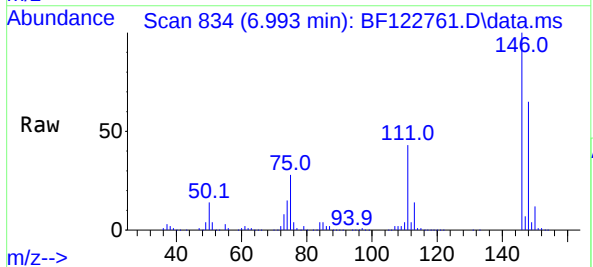
Tgt Ion:146 Resp: 519887

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

111 42.5 34.2 51.2



Instrument :

BNA_F

ClientSampleId :

PB133642BSD

Manual Integrations

APPROVED

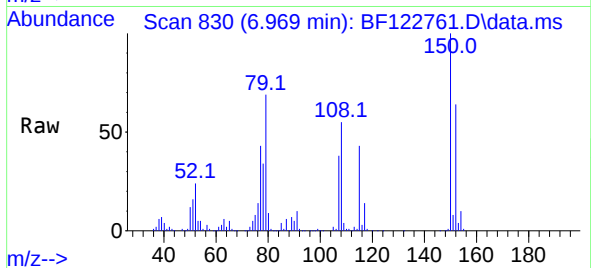
mohammad

12/18/2020 10:26:36 AM



#15
Benzyl Alcohol
Concen: 42.31 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

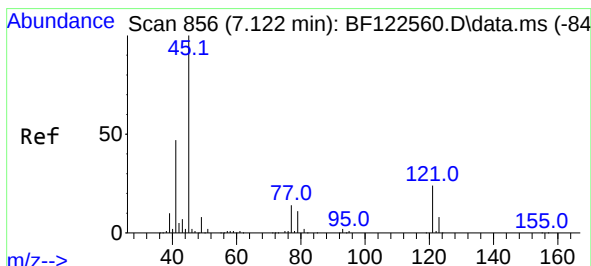
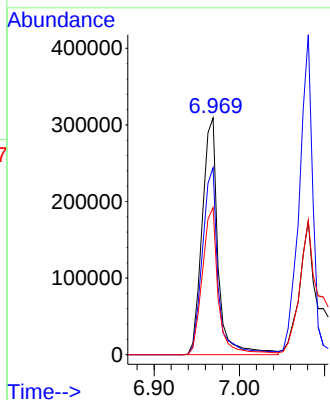
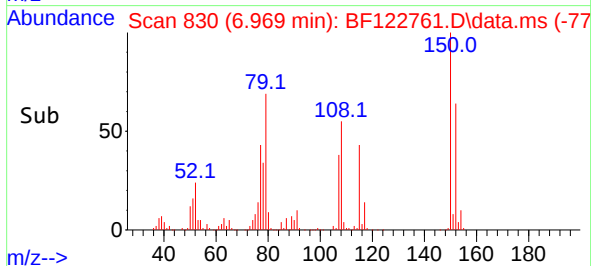
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



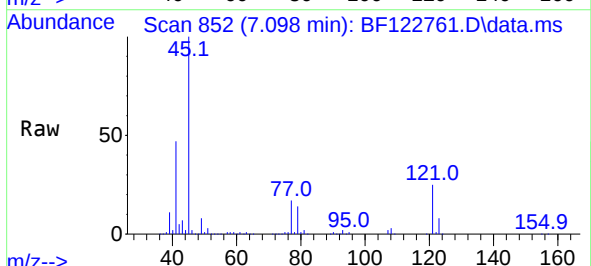
Tgt Ion: 79 Resp: 401755
Ion Ratio Lower Upper
79 100
108 79.0 62.4 93.6
77 62.1 49.0 73.6

Manual Integrations
APPROVED

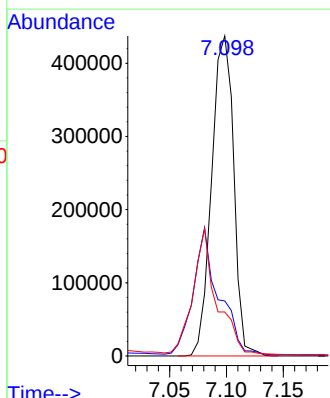
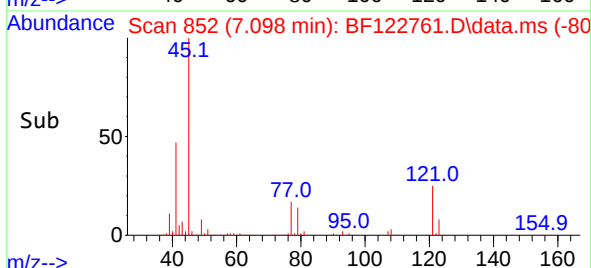
mohammad
12/18/2020 10:26:36 AM

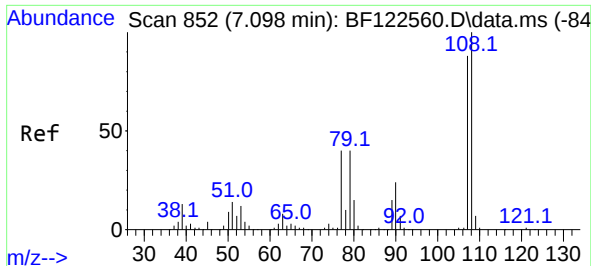


#16
2,2'-oxybis(1-chloropropane)
Concen: 37.92 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 45 Resp: 590399
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.6
79 13.7 0.0 32.4





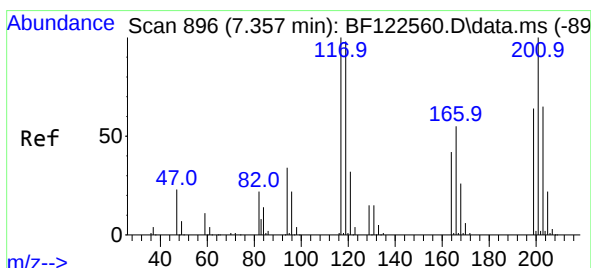
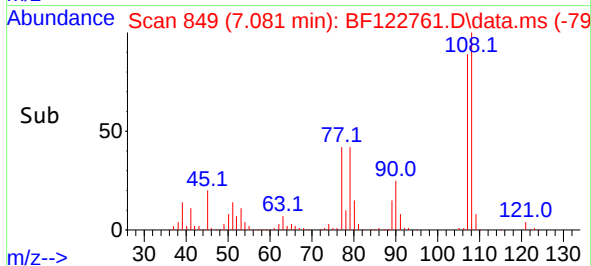
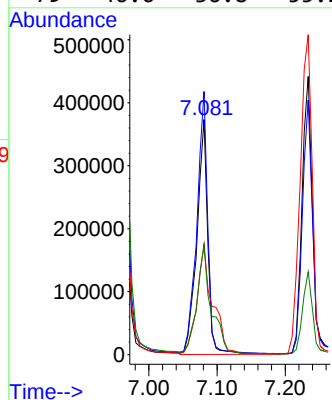
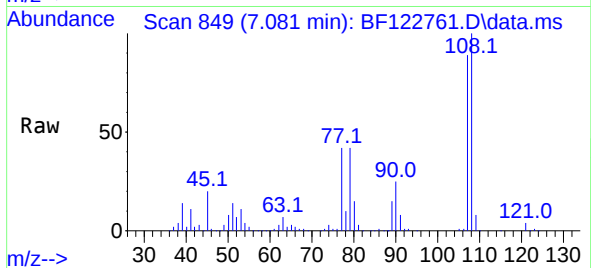
#17
2-Methylphenol
Concen: 45.91 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:	107	Resp:	418273
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.1	136.7
77	47.0	36.3	54.5
79	46.6	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

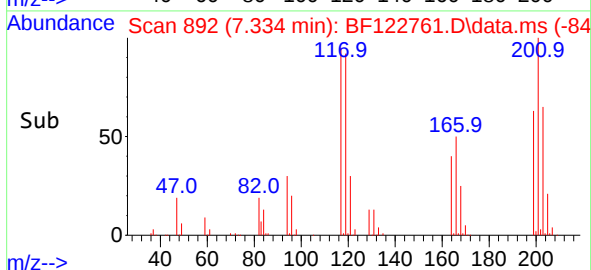
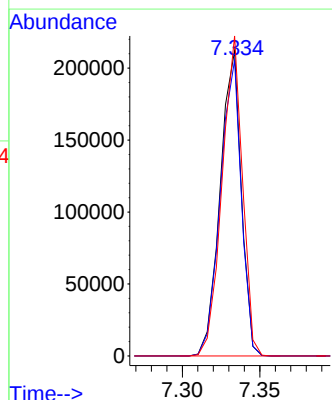
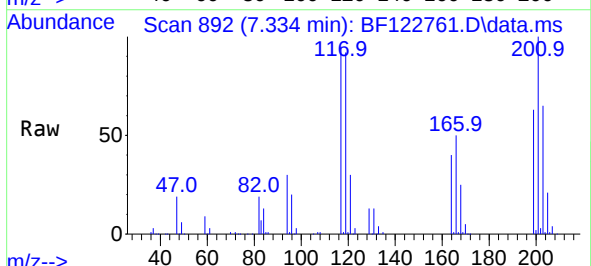
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#18
Hexachloroethane
Concen: 41.17 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

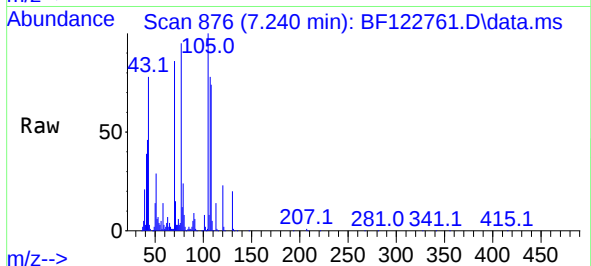
Tgt Ion:	117	Resp:	200642
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.4	117.6
201	104.9	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.47 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

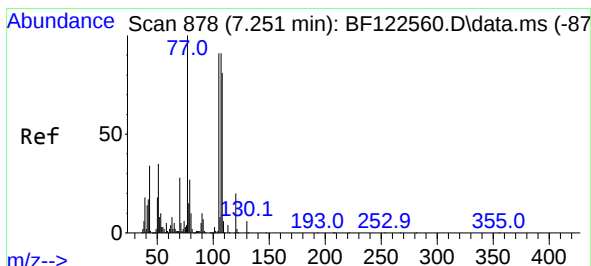
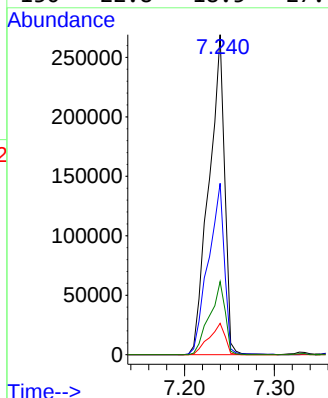
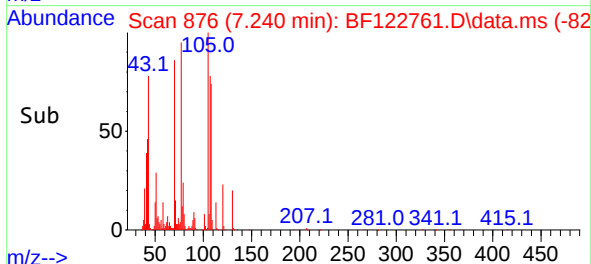
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



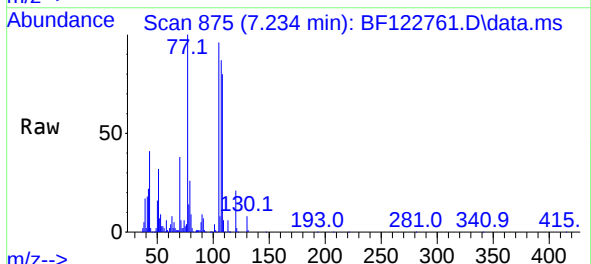
Tgt Ion: 70 Resp: 327656
Ion Ratio Lower Upper
70 100
42 53.6 43.0 64.4
101 9.8 7.9 11.9
130 22.8 18.5 27.7

Manual Integrations
APPROVED

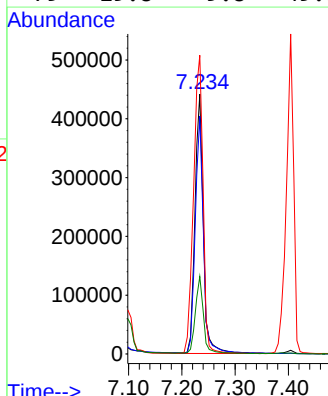
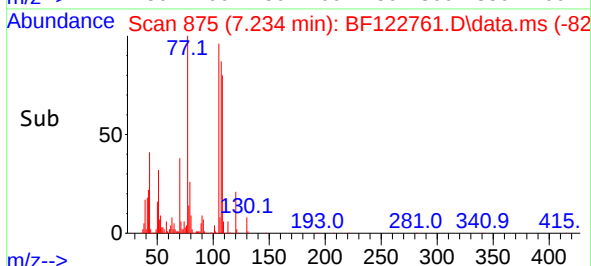
mohammad
12/18/2020 10:26:36 AM



#20
3+4-Methylphenols
Concen: 41.98 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



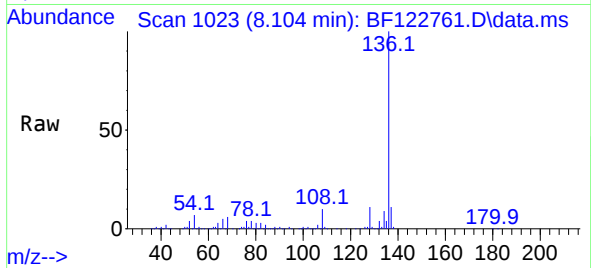
Tgt Ion: 107 Resp: 483146
Ion Ratio Lower Upper
107 100
108 91.5 68.7 108.7
77 115.0 89.8 129.8
79 29.8 9.8 49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

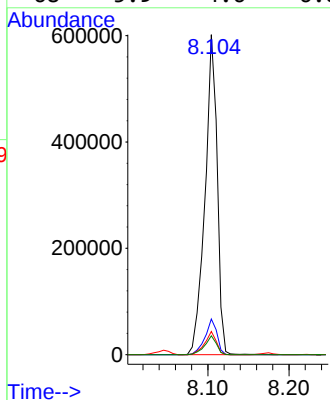
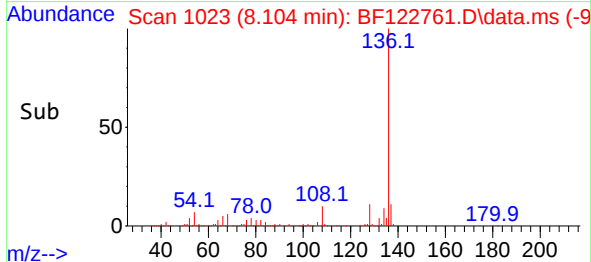
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



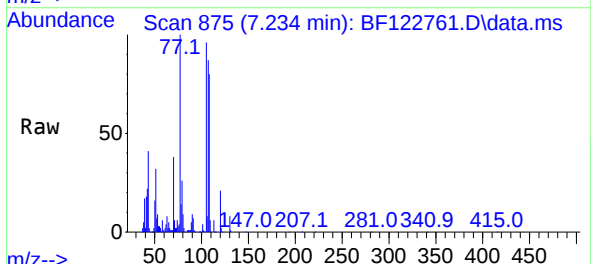
Tgt Ion:	136	Resp:	624821
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.2	5.5	8.3
68	5.9	4.6	6.8

Manual Integrations
APPROVED

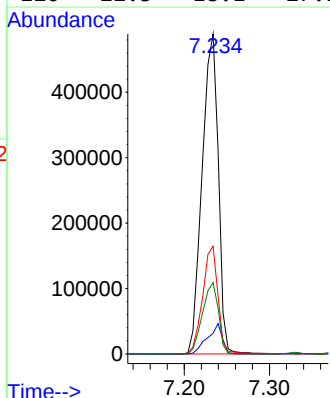
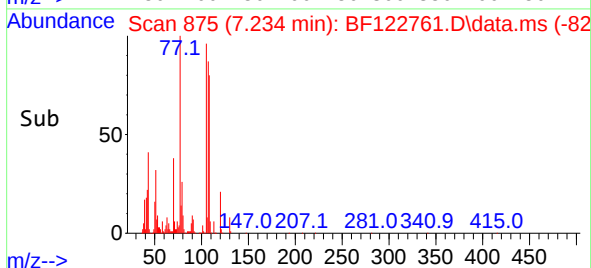
mohammad
12/18/2020 10:26:36 AM

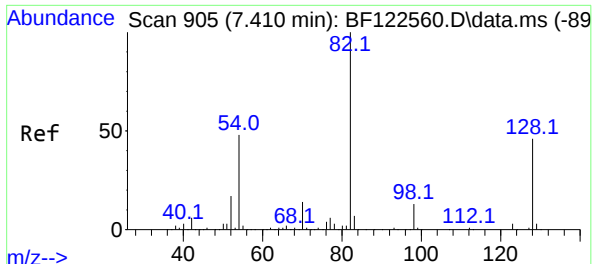


#22
Acetophenone
Concen: 41.59 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:	105	Resp:	646099
Ion Ratio	Lower	Upper	
105	100		
71	6.5	6.5	9.7#
51	33.7	24.3	36.5
120	22.3	18.1	27.1





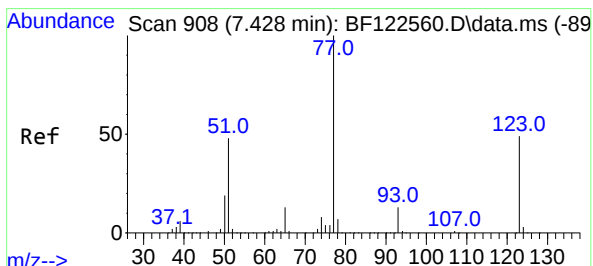
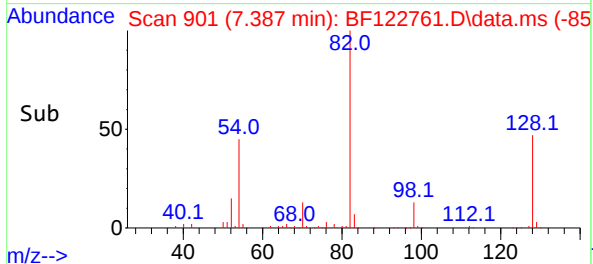
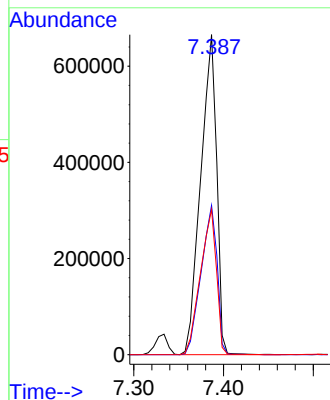
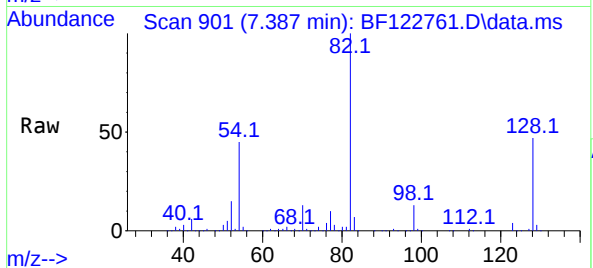
#23
Nitrobenzene-d5
Concen: 65.97 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion: 82 Resp: 822703
Ion Ratio Lower Upper
82 100
128 46.7 37.0 55.4
54 45.4 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

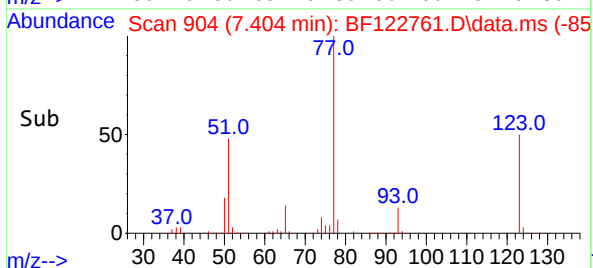
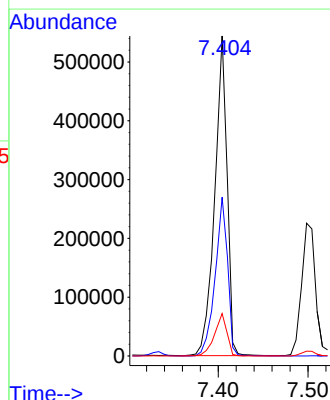
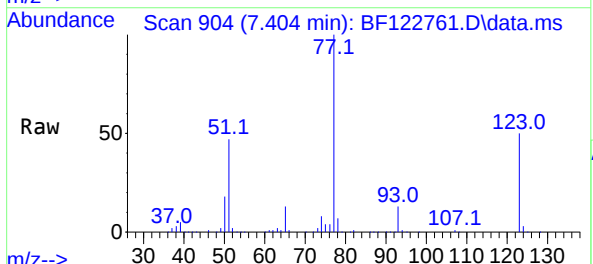
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#24
Nitrobenzene
Concen: 41.92 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

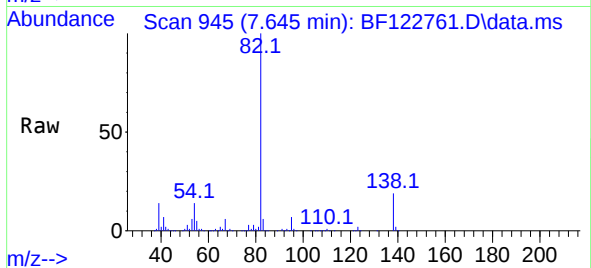
Tgt Ion: 77 Resp: 520089
Ion Ratio Lower Upper
77 100
123 49.6 39.3 58.9
65 13.3 10.6 15.8





#25
Isophorone
Concen: 43.72 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

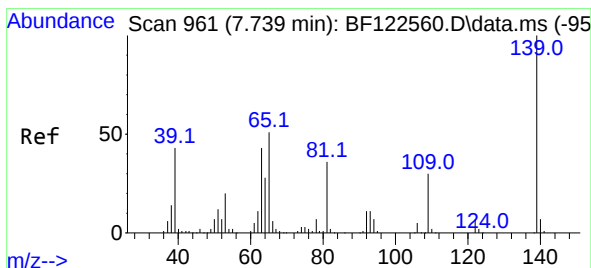
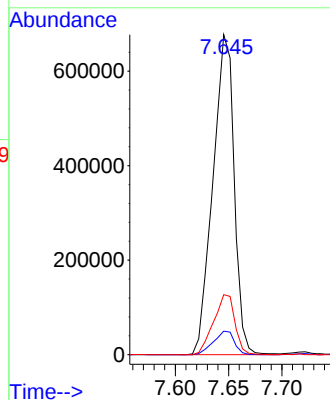
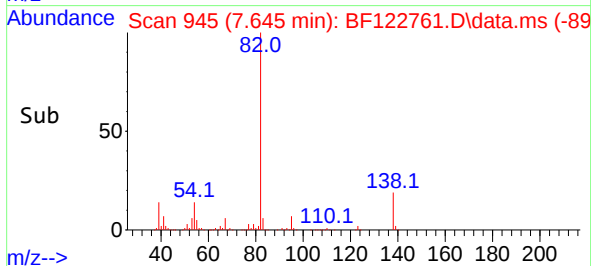
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



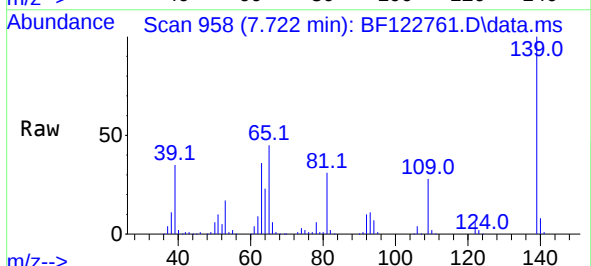
Tgt Ion: 82 Resp: 939172
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 18.7 14.6 21.8

Manual Integrations
APPROVED

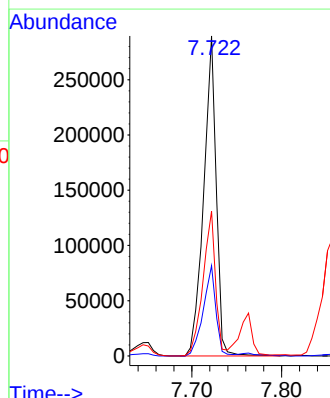
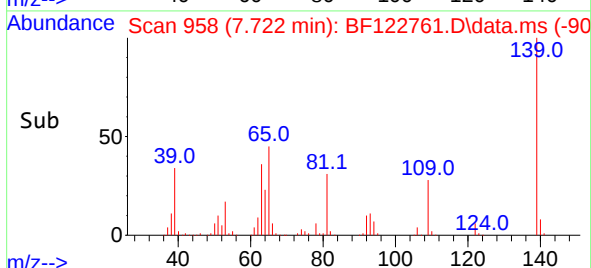
mohammad
12/18/2020 10:26:36 AM

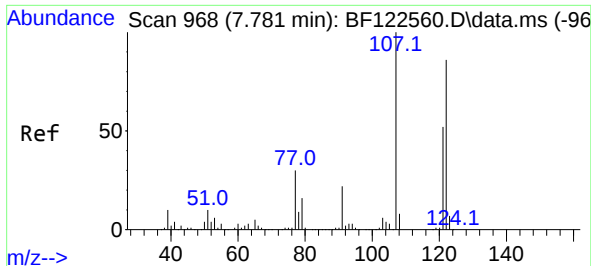


#26
2-Nitrophenol
Concen: 46.67 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 139 Resp: 282387
Ion Ratio Lower Upper
139 100
109 28.2 24.0 36.0
65 45.3 40.9 61.3





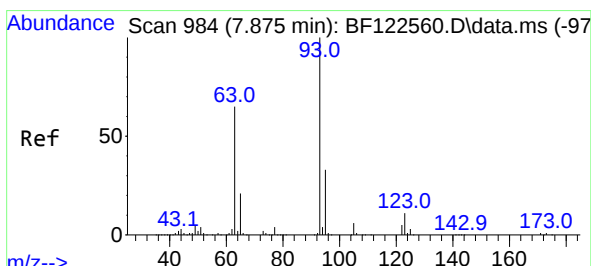
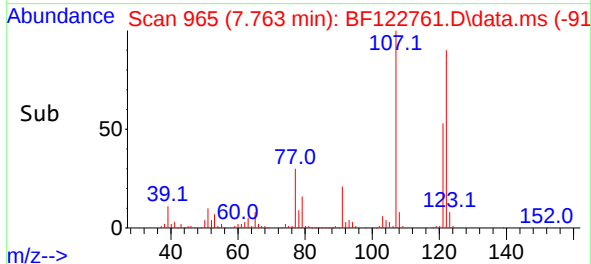
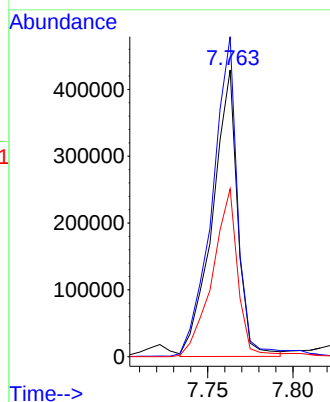
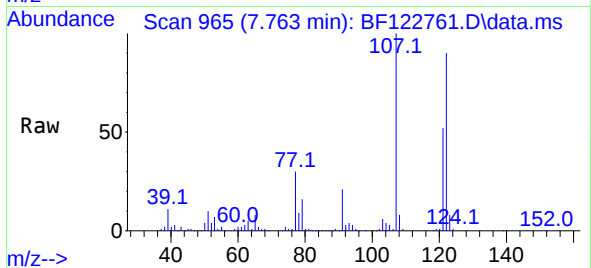
#27
2,4-Dimethylphenol
Concen: 49.57 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:122 Resp: 439616
Ion Ratio Lower Upper
122 100
107 111.6 91.8 137.8
121 58.6 47.3 70.9

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

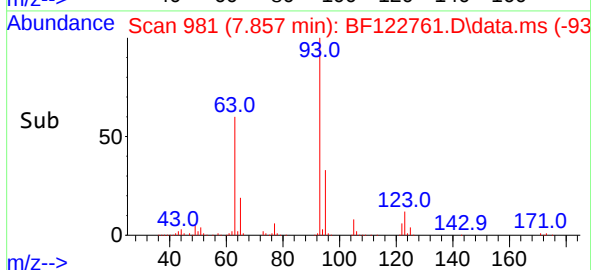
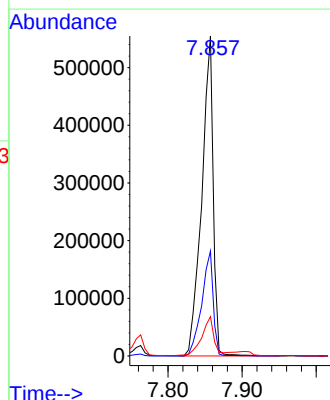
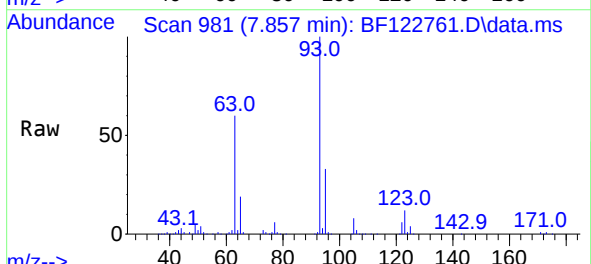
Manual Integrations
APPROVED

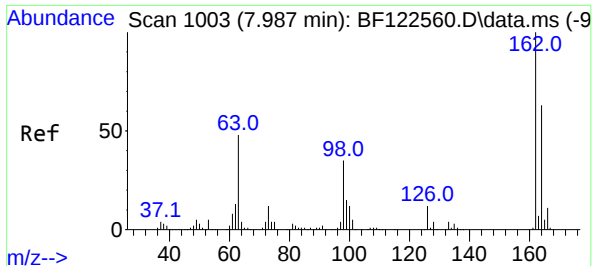
mohammad
12/18/2020 10:26:36 AM



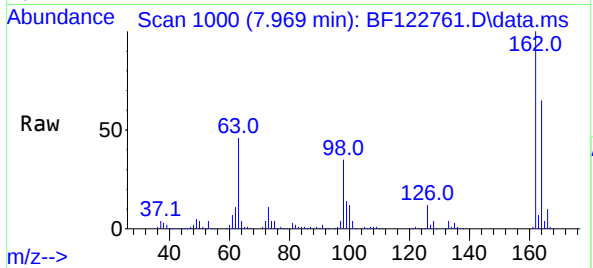
#28
bis(2-Chloroethoxy)methane
Concen: 40.61 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion: 93 Resp: 597311
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 12.3 9.2 13.8

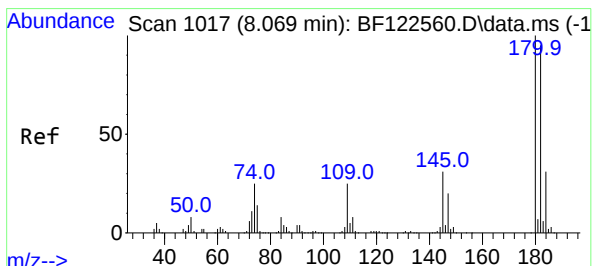
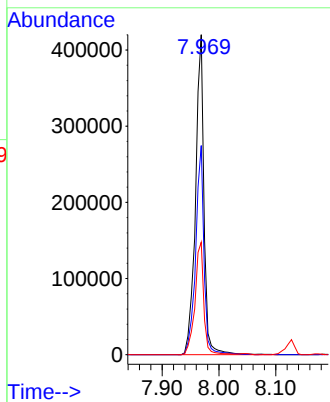
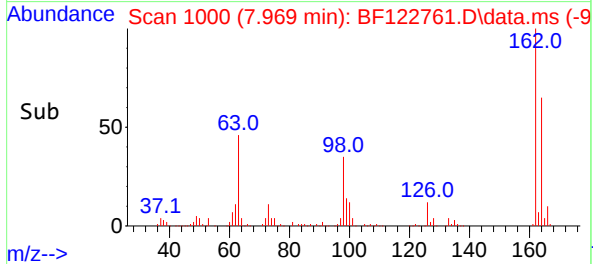




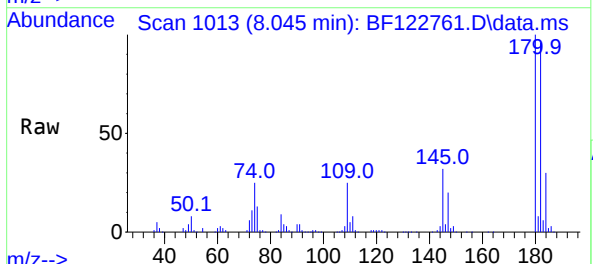
#29
2,4-Dichlorophenol
Concen: 42.54 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



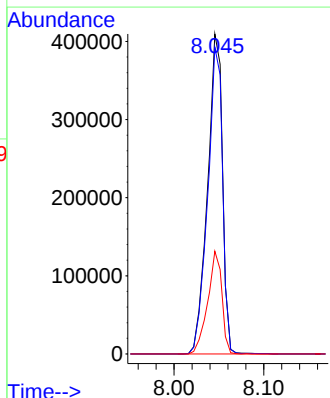
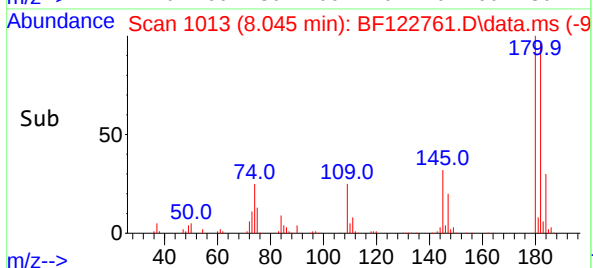
Tgt Ion:162 Resp: 440592
Ion Ratio Lower Upper
162 100
164 65.3 43.2 83.2
98 35.1 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 40.29 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



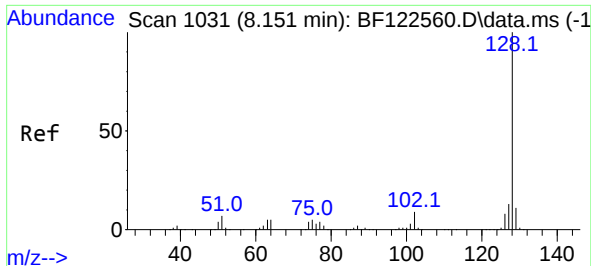
Tgt Ion:180 Resp: 472765
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 32.1 25.0 37.4



Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



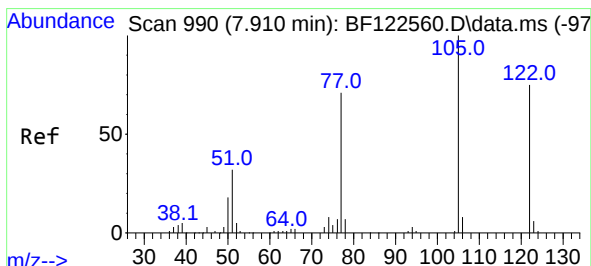
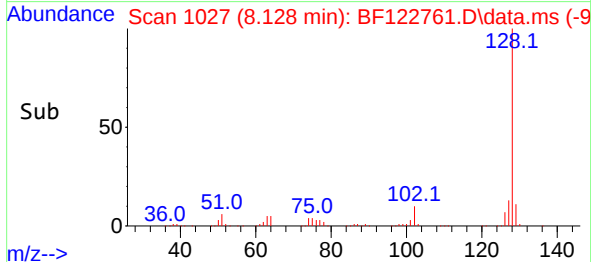
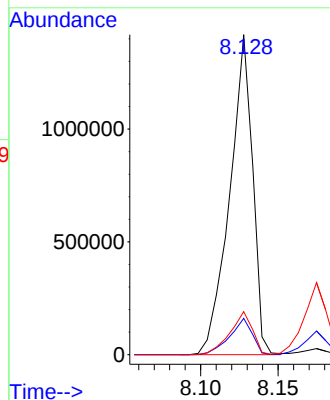
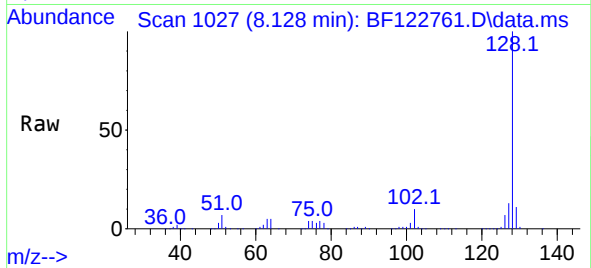
#31
Naphthalene
Concen: 42.30 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:128 Resp: 1458580
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

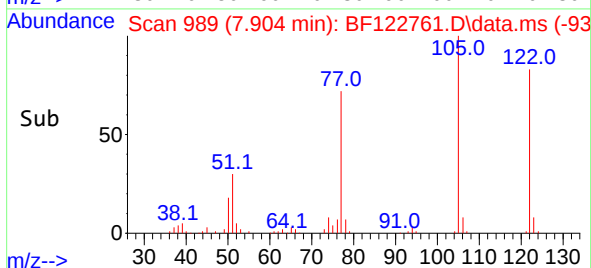
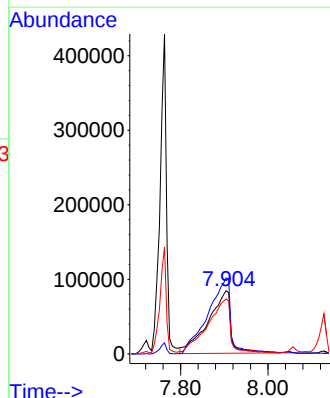
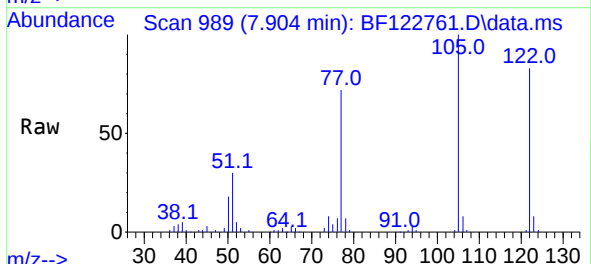
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#32
Benzoic acid
Concen: 43.20 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:122 Resp: 305281
Ion Ratio Lower Upper
122 100
105 120.2 104.8 144.8
77 87.0 71.0 111.0





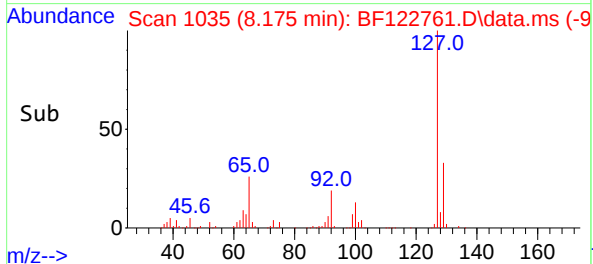
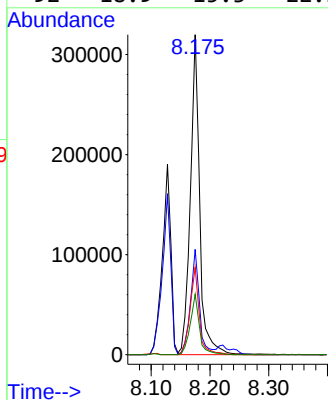
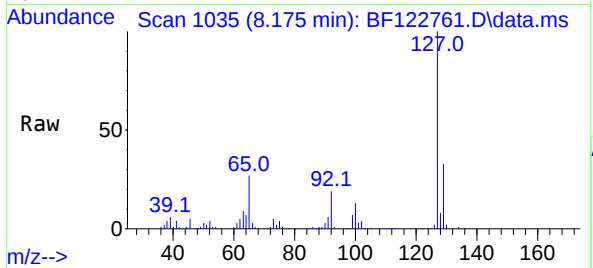
#33
4-Chloroaniline
Concen: 24.69 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:	127	Resp:	355857
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.2	39.2
65	27.2	22.2	33.2
92	18.9	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

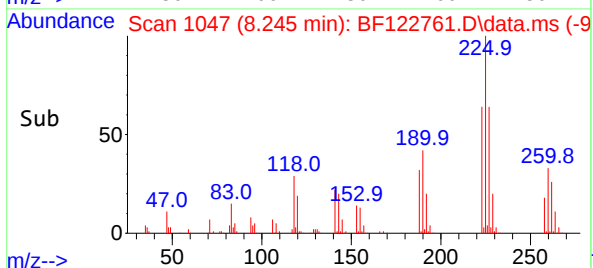
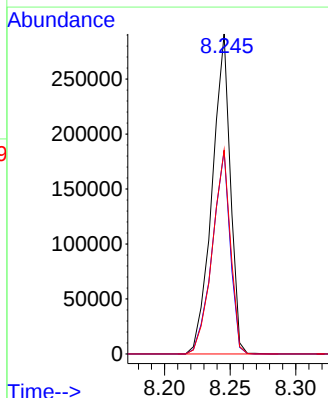
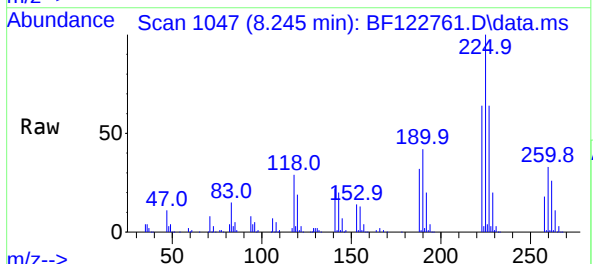
Manual Integrations
APPROVED

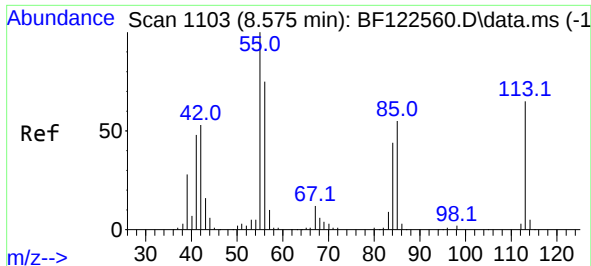
mohammad
12/18/2020 10:26:36 AM



#34
Hexachlorobutadiene
Concen: 38.82 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:	225	Resp:	280373
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.7	76.1
227	63.7	51.7	77.5





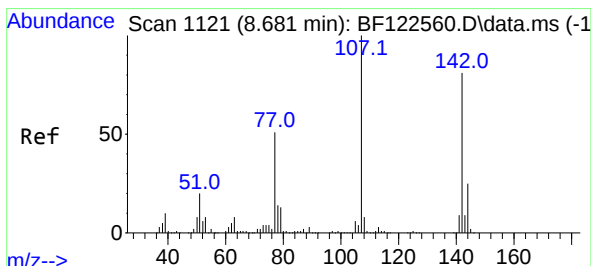
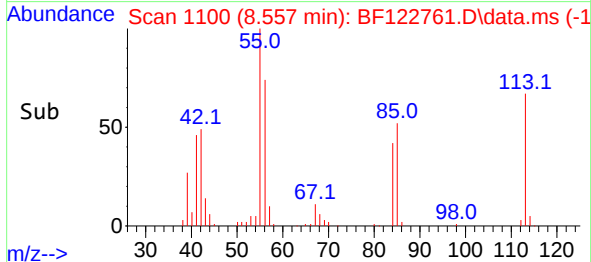
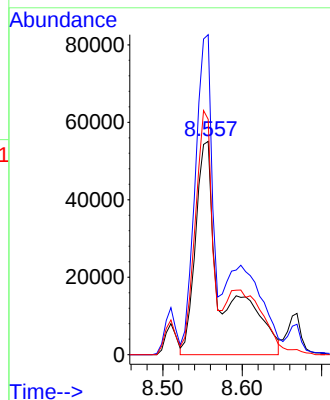
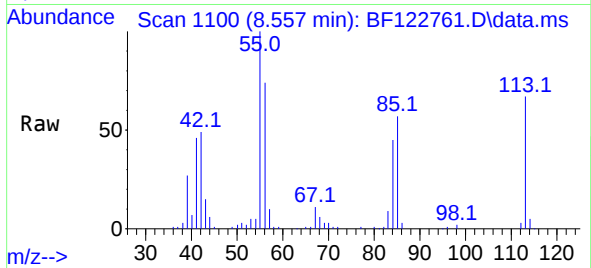
#35
Caprolactam
Concen: 42.39 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:113 Resp: 132231
Ion Ratio Lower Upper
113 100
55 150.0 133.7 173.7
56 110.3 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

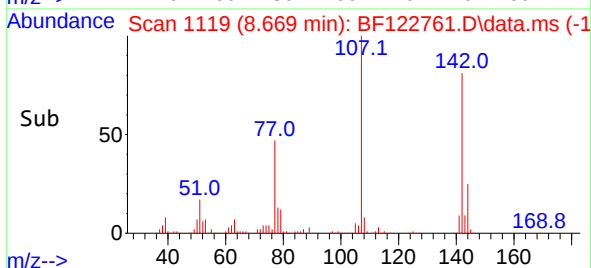
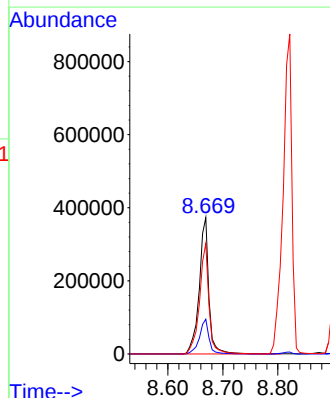
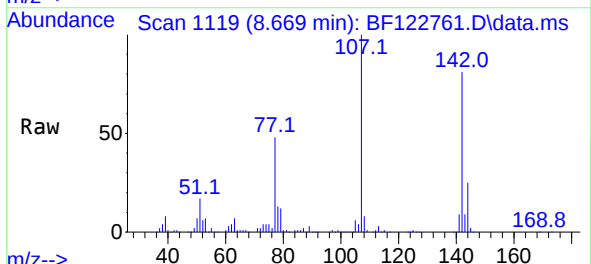
Manual Integrations
APPROVED

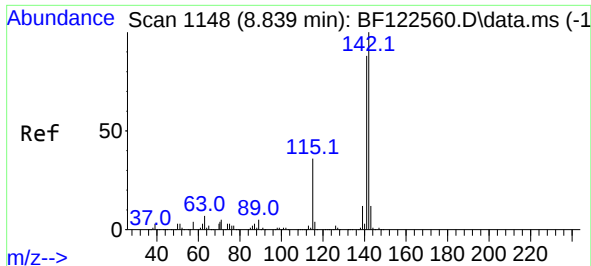
mohammad
12/18/2020 10:26:36 AM



#36
4-Chloro-3-methylphenol
Concen: 44.65 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:107 Resp: 455537
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 81.0 64.4 96.6





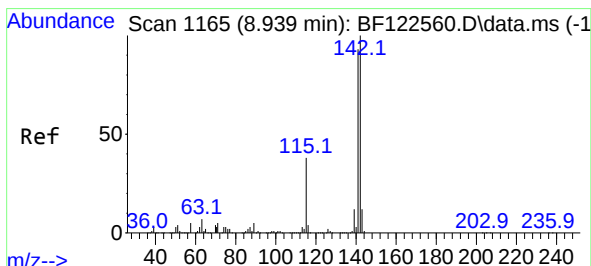
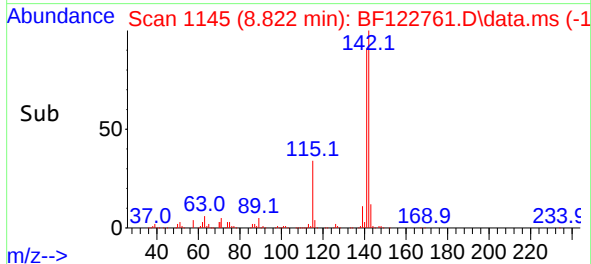
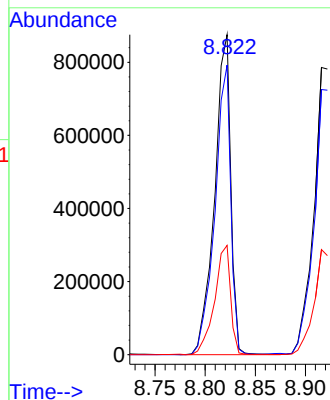
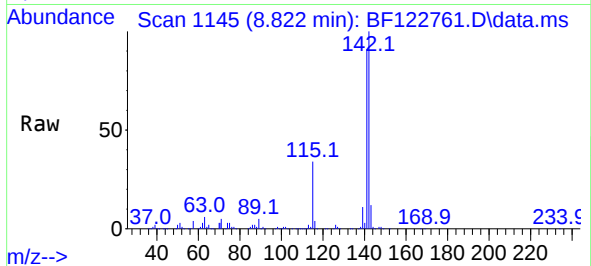
#37
2-Methylnaphthalene
Concen: 43.04 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:142 Resp: 981601
Ion Ratio Lower Upper
142 100
141 90.5 70.6 106.0
115 34.2 28.7 43.1

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

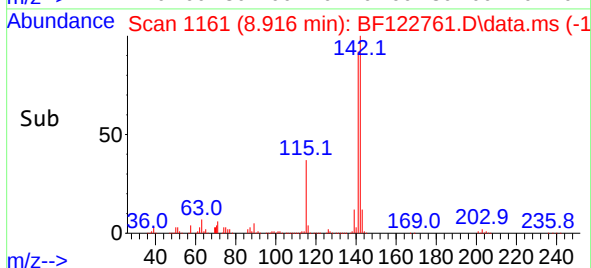
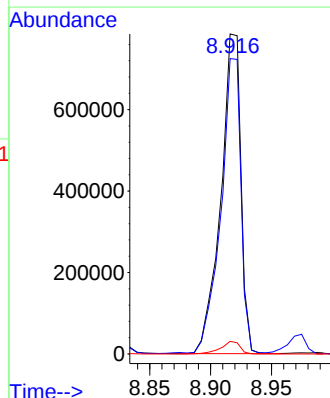
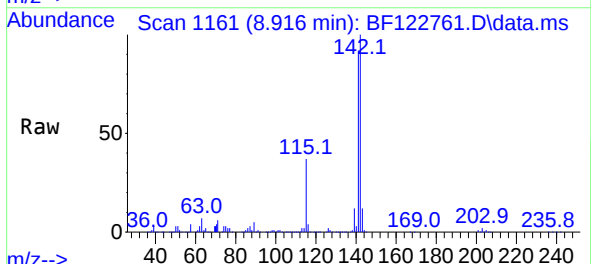
Manual Integrations
APPROVED

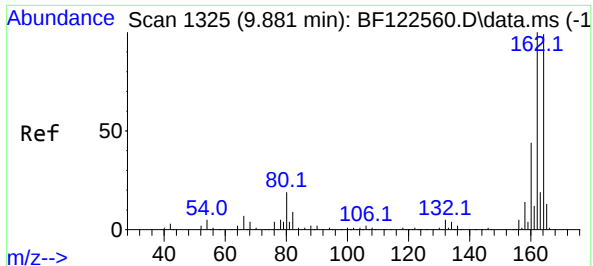
mohammad
12/18/2020 10:26:36 AM



#38
1-Methylnaphthalene
Concen: 42.04 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

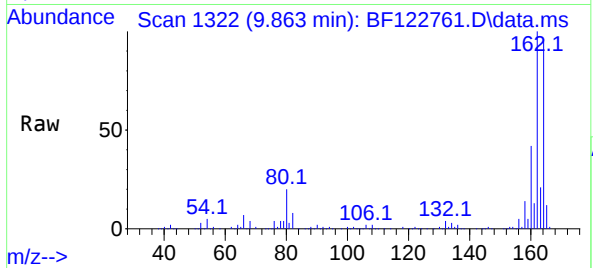
Tgt Ion:142 Resp: 907010
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

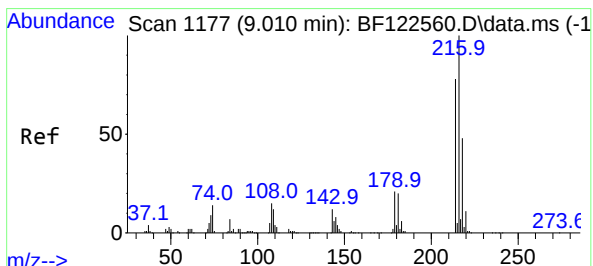
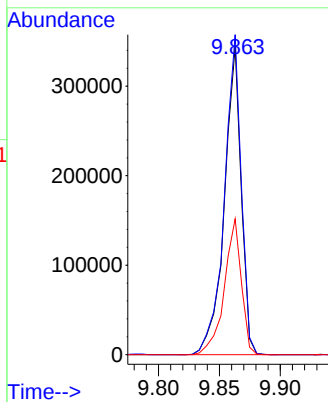
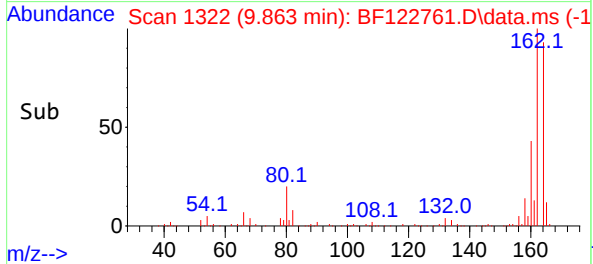
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



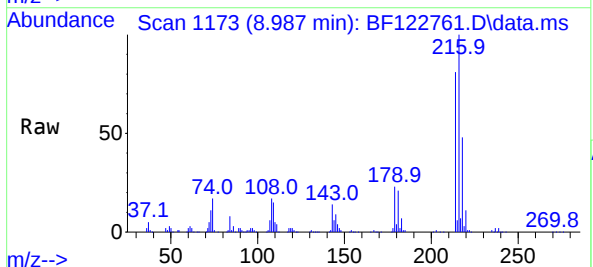
Tgt Ion:164 Resp: 331960
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 44.2 35.4 53.0

Manual Integrations
APPROVED

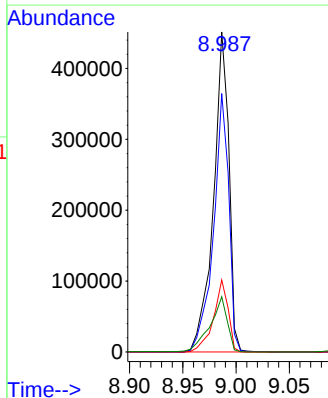
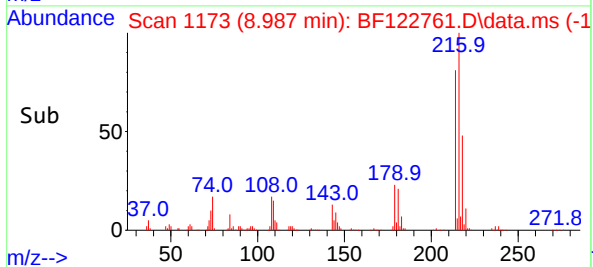
mohammad
12/18/2020 10:26:36 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.25 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:216 Resp: 453602
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 21.5 17.1 25.7
108 19.4 14.6 21.8





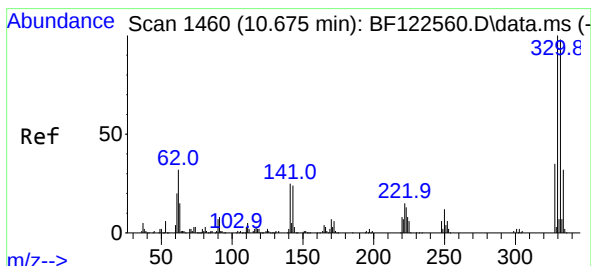
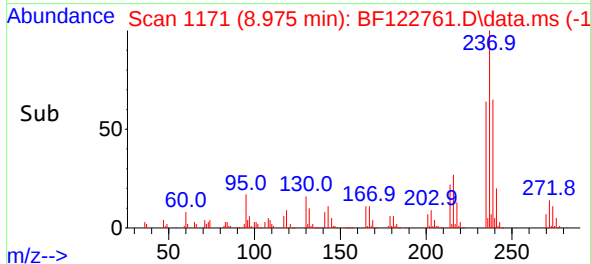
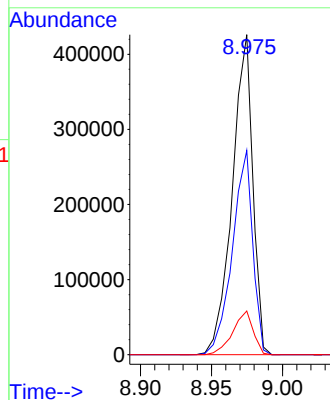
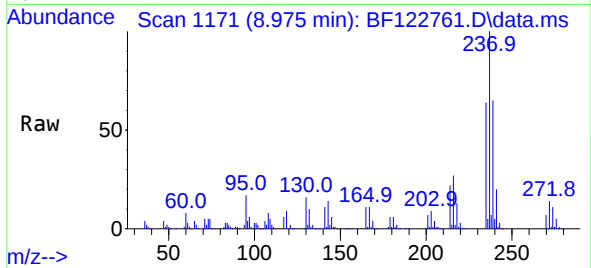
#41
Hexachlorocyclopentadiene
Concen: 88.03 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:237 Resp: 427942
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 13.7 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

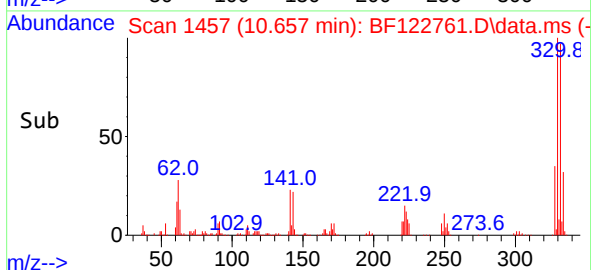
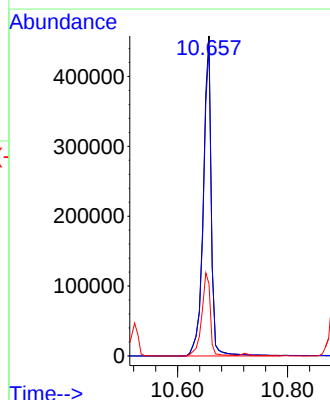
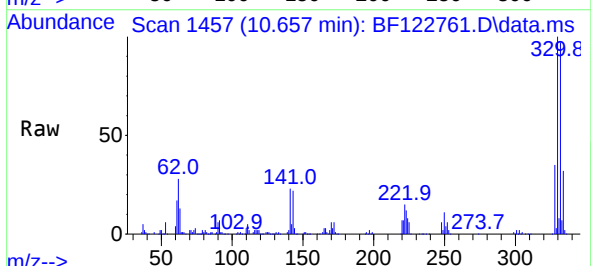
Manual Integrations
APPROVED

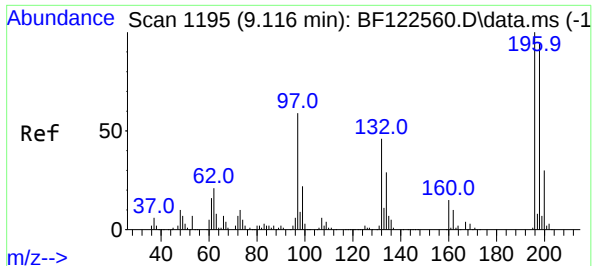
mohammad
12/18/2020 10:26:36 AM



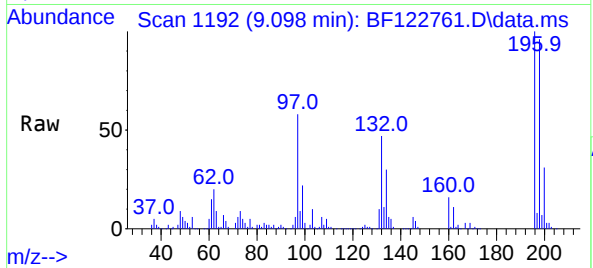
#42
2,4,6-Tribromophenol
Concen: 106.75 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:330 Resp: 463860
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 27.8 23.8 35.8

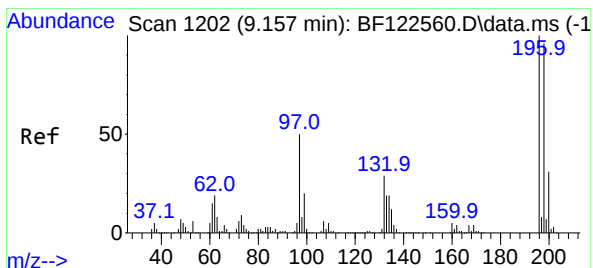
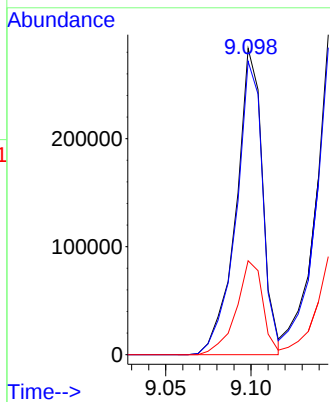
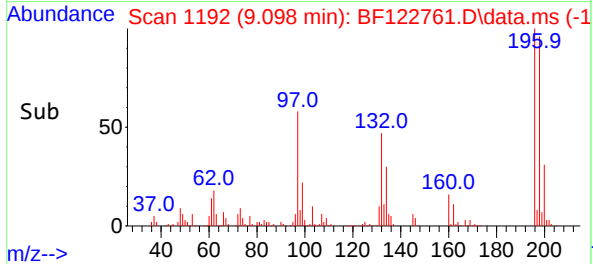




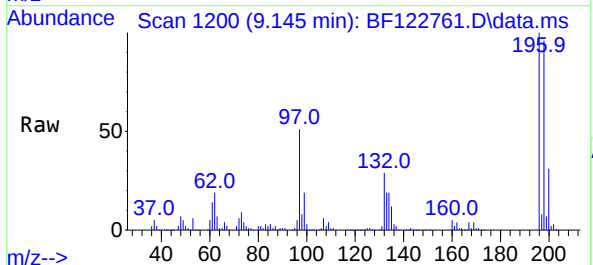
#43
2,4,6-Trichlorophenol
Concen: 40.30 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



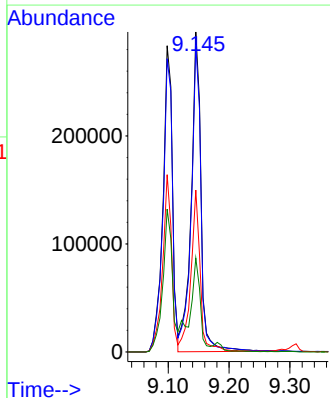
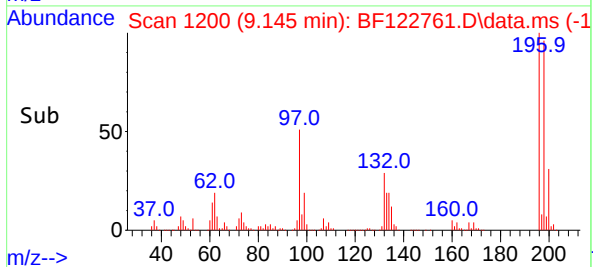
Tgt Ion:196 Resp: 306061
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 30.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.29 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



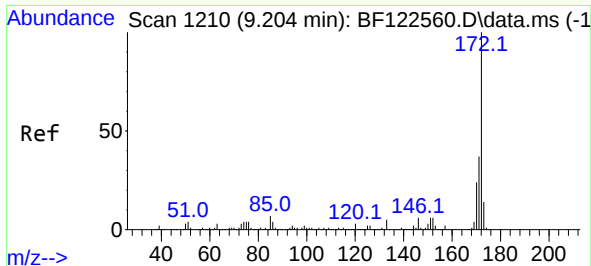
Tgt Ion:196 Resp: 331966
Ion Ratio Lower Upper
196 100
198 96.0 76.5 114.7
97 50.6 40.1 60.1
132 29.4 23.3 34.9



Instrument :
BNA_F
ClientSampled :
PB133642BSD

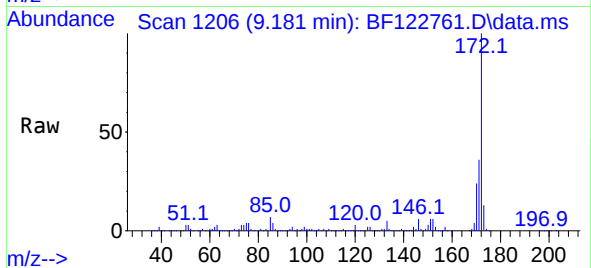
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#45
2-Fluorobiphenyl
Concen: 64.29 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

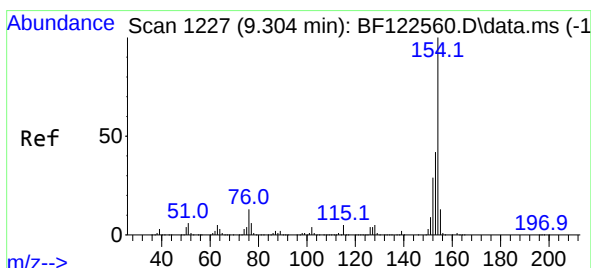
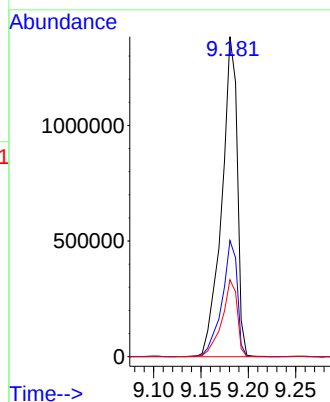
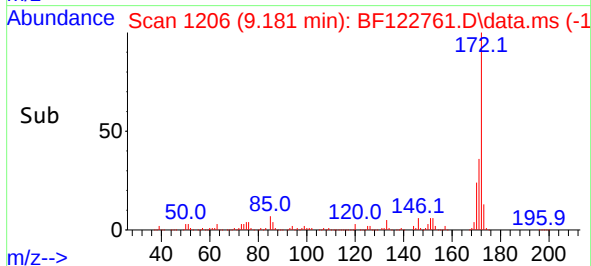
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



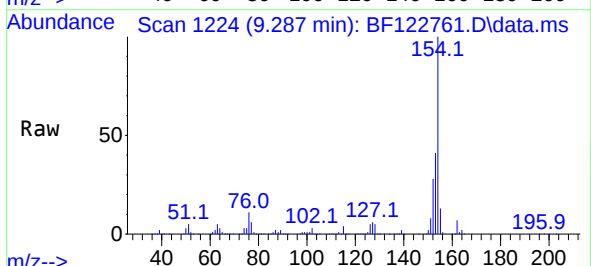
Tgt Ion:172 Resp: 1577891
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.5 29.3

Manual Integrations
APPROVED

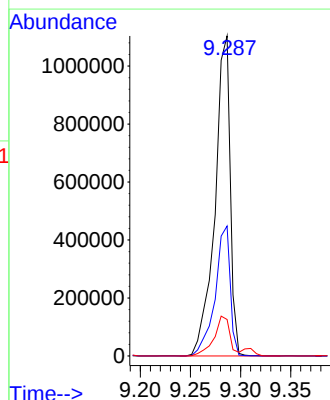
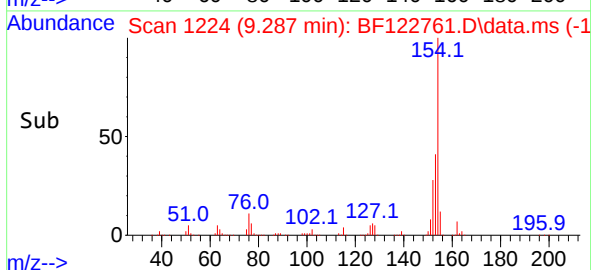
mohammad
12/18/2020 10:26:36 AM

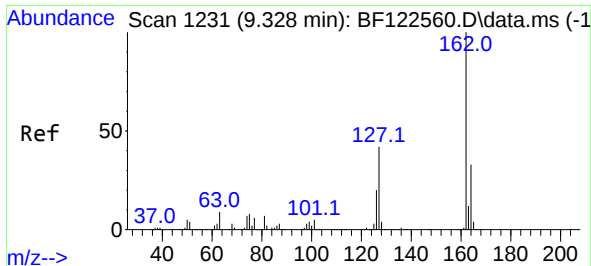


#46
1,1'-Biphenyl
Concen: 42.47 ng
RT: 9.287 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:154 Resp: 1170170
Ion Ratio Lower Upper
154 100
153 40.6 21.8 61.8
76 11.4 0.0 33.4





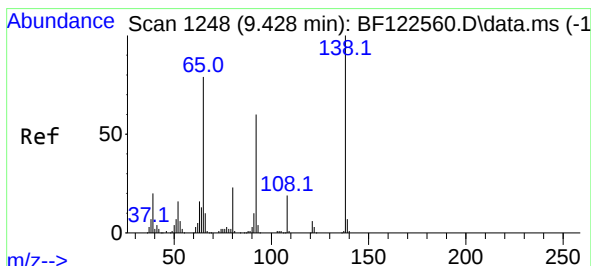
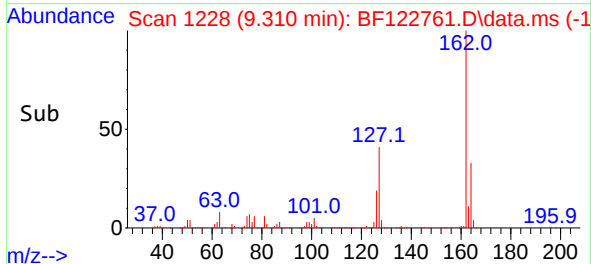
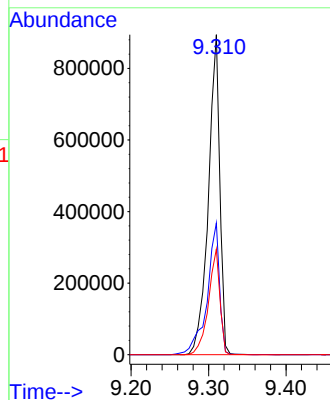
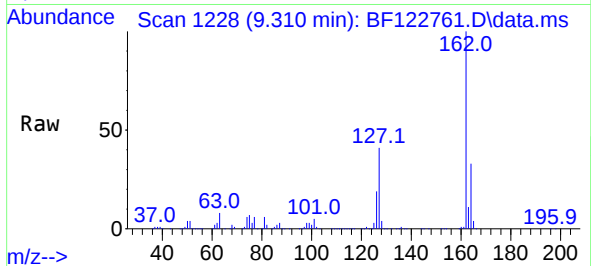
#47
2-Chloronaphthalene
Concen: 40.22 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:162 Resp: 918078
Ion Ratio Lower Upper
162 100
127 41.1 33.8 50.8
164 33.0 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

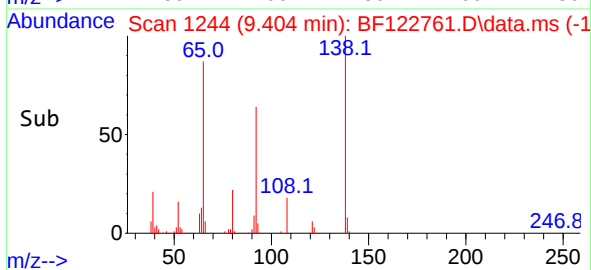
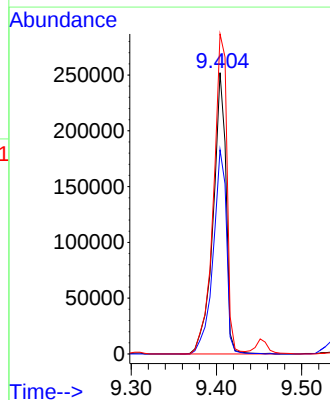
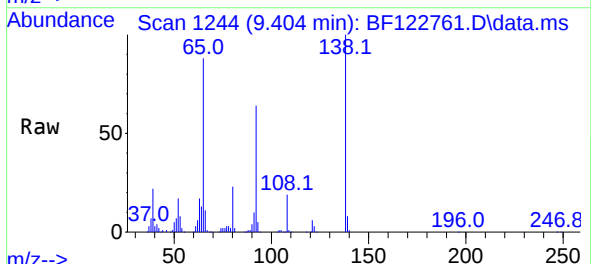
Manual Integrations
APPROVED

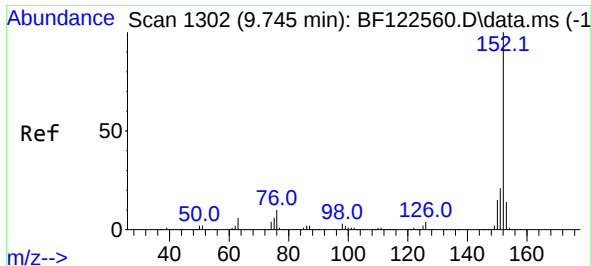
mohammad
12/18/2020 10:26:36 AM



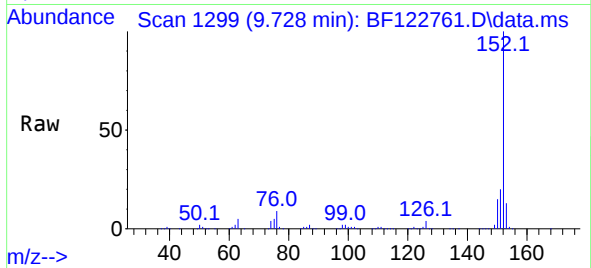
#48
2-Nitroaniline
Concen: 39.83 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion: 65 Resp: 265059
Ion Ratio Lower Upper
65 100
92 72.6 60.0 90.0
138 113.8 100.6 151.0

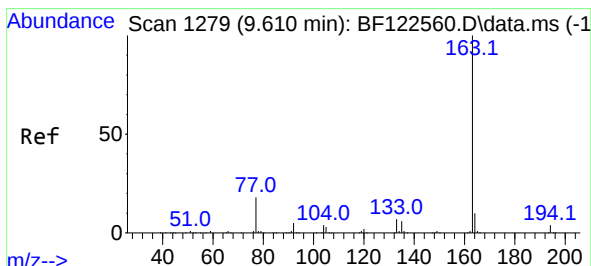
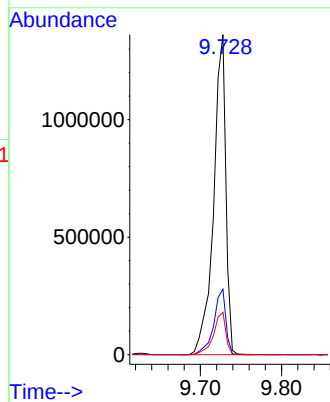
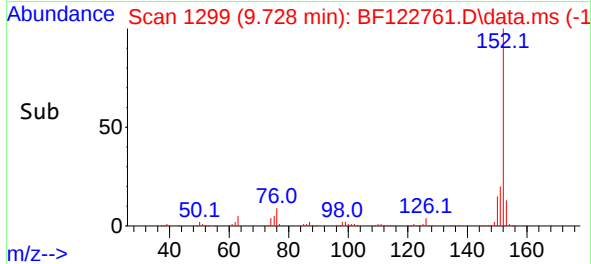




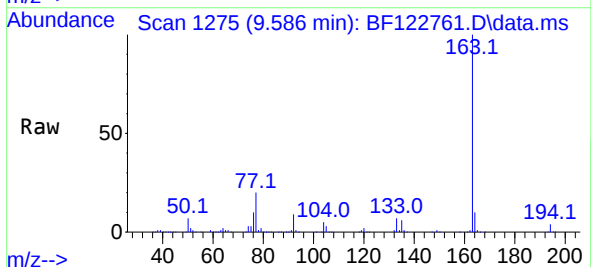
#49
Acenaphthylene
Concen: 42.10 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



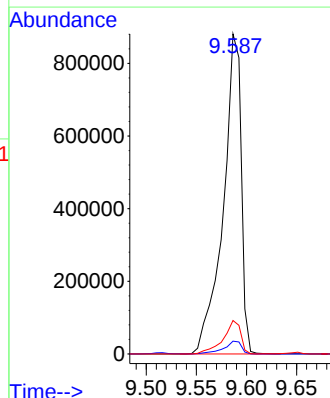
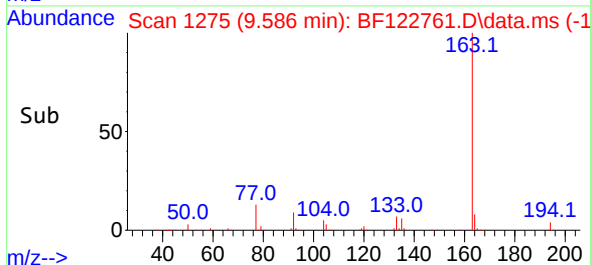
Tgt Ion:152 Resp: 1419539
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.2 10.9 16.3



#50
Dimethylphthalate
Concen: 41.51 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



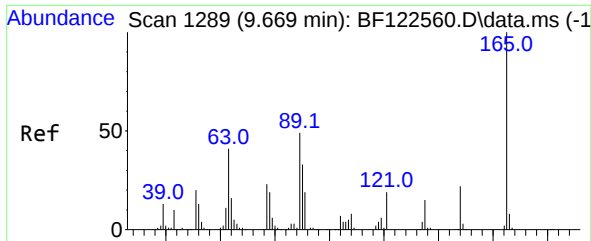
Tgt Ion:163 Resp: 1100469
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.5 8.1 12.1



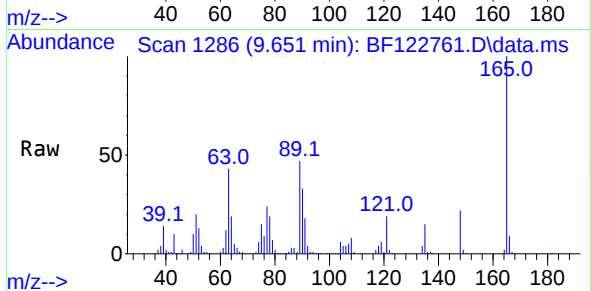
Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

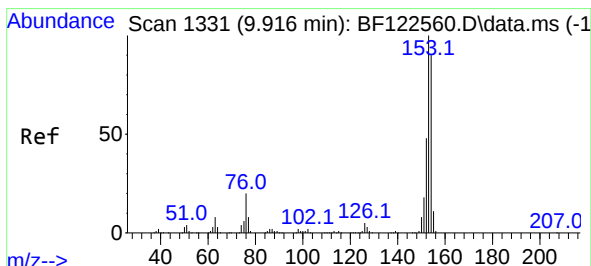
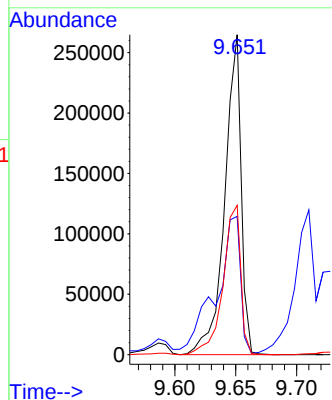
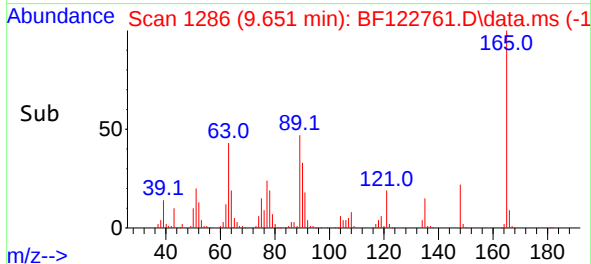
mohammad
12/18/2020 10:26:36 AM



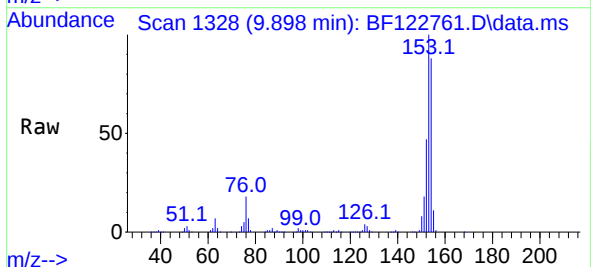
#51
2,6-Dinitrotoluene
Concen: 44.57 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



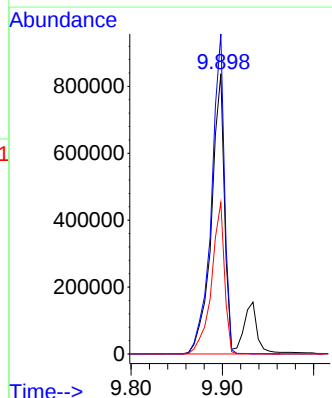
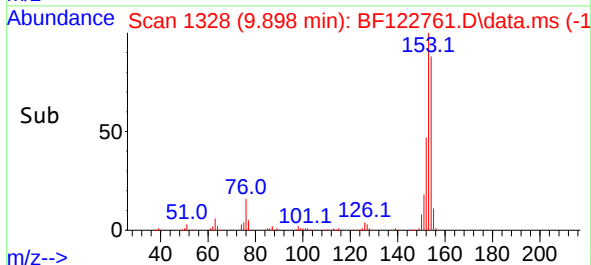
Tgt Ion:165 Resp: 249552
Ion Ratio Lower Upper
165 100
63 43.2 36.6 55.0
89 46.6 39.4 59.0



#52
Acenaphthene
Concen: 45.56 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



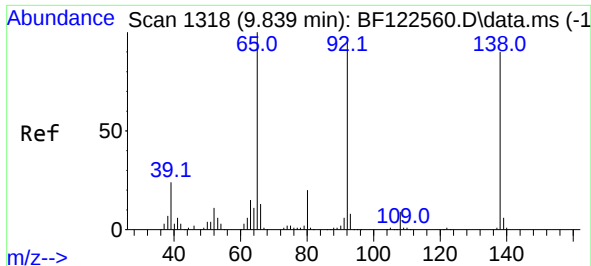
Tgt Ion:154 Resp: 993843
Ion Ratio Lower Upper
154 100
153 114.2 89.0 133.6
152 54.0 42.7 64.1



Instrument :
BNA_F
ClientSampled :
PB133642BSD

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



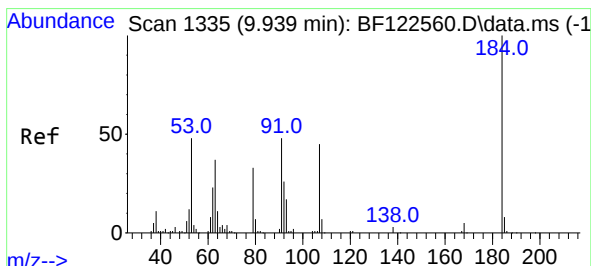
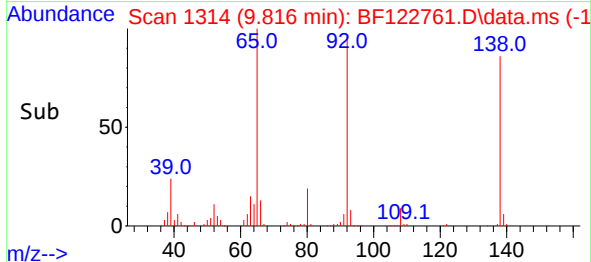
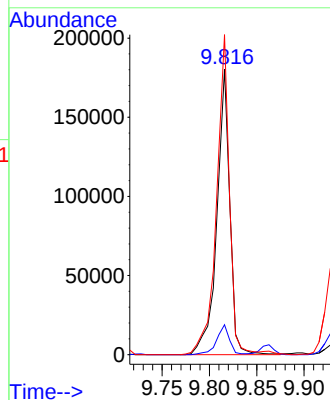
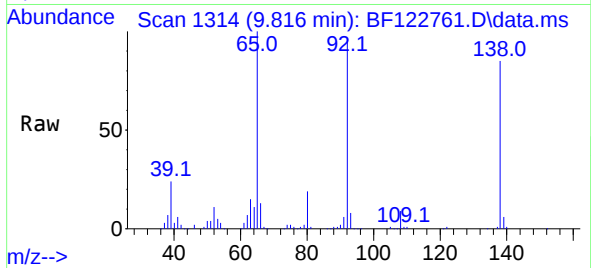
#53
3-Nitroaniline
Concen: 26.61 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:138 Resp: 172185
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 112.1 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

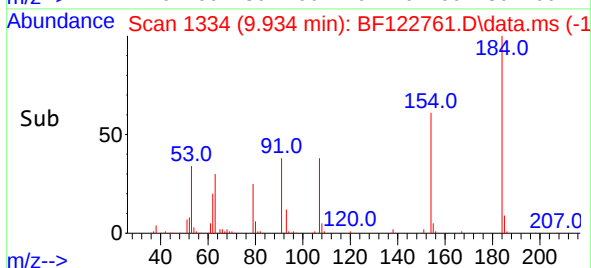
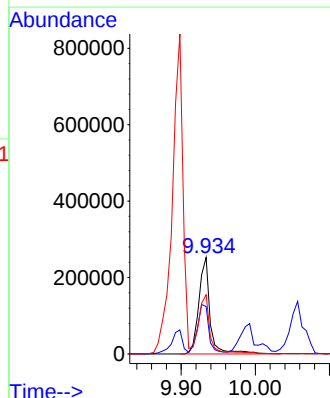
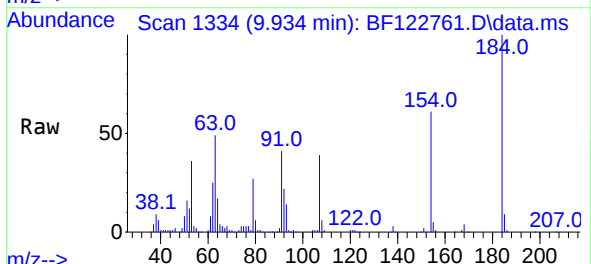
Manual Integrations
APPROVED

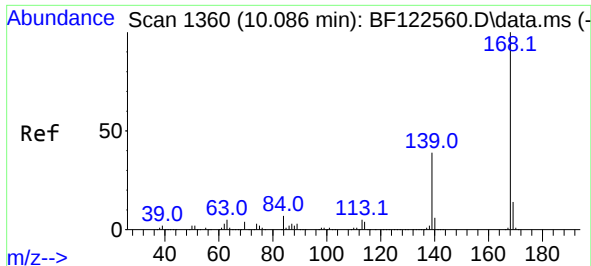
mohammad
12/18/2020 10:26:36 AM



#54
2,4-Dinitrophenol
Concen: 97.90 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

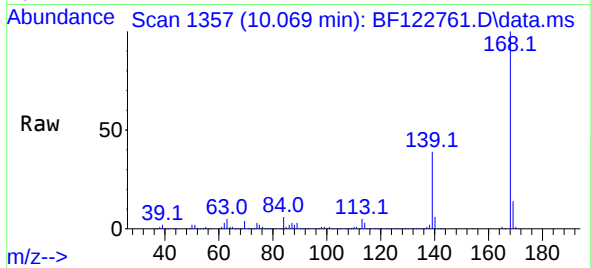
Tgt Ion:184 Resp: 267998
Ion Ratio Lower Upper
184 100
63 49.3 51.4 77.2#
154 61.4 49.7 74.5





#55
Dibenzenofuran
Concen: 41.89 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

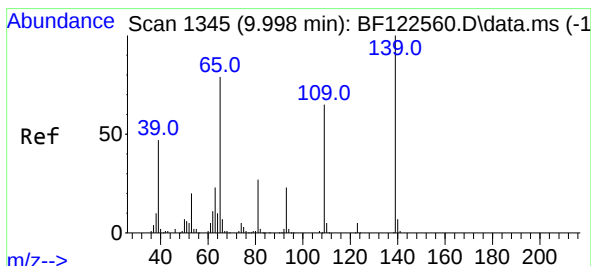
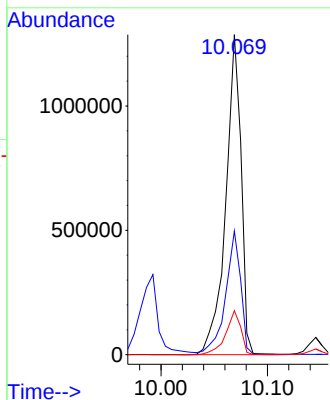
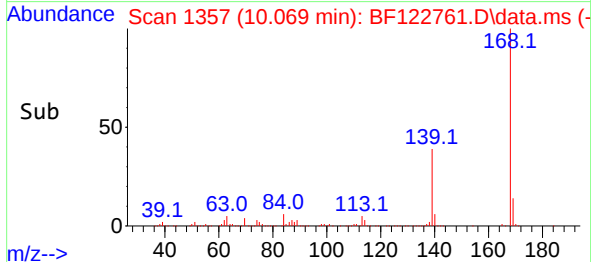
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



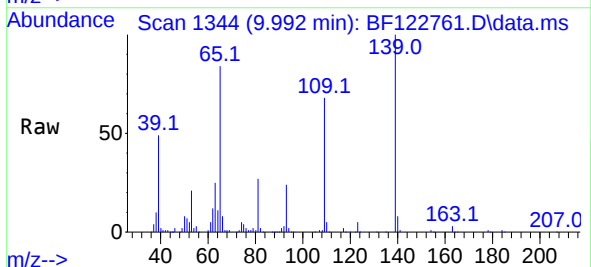
Tgt Ion:168 Resp: 1285300
Ion Ratio Lower Upper
168 100
139 38.6 31.3 46.9
169 13.7 11.2 16.8

Manual Integrations
APPROVED

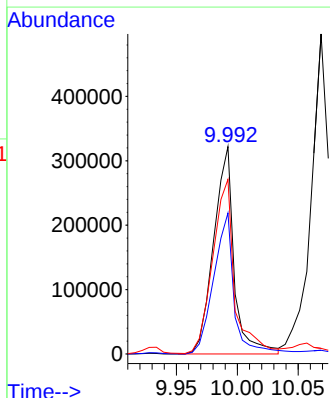
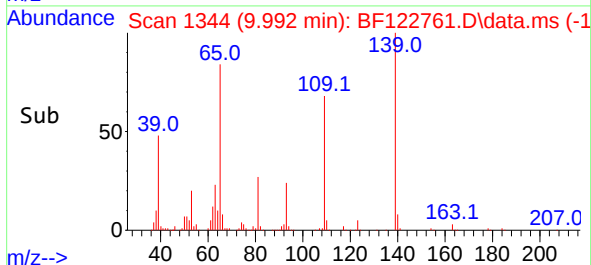
mohammad
12/18/2020 10:26:36 AM

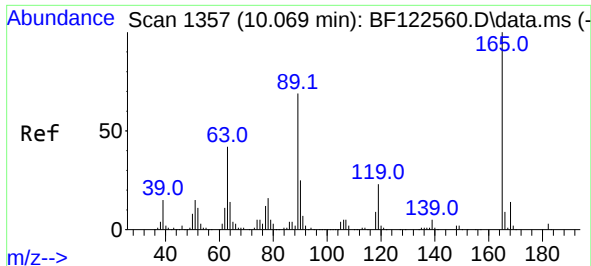


#56
4-Nitrophenol
Concen: 82.02 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.018 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



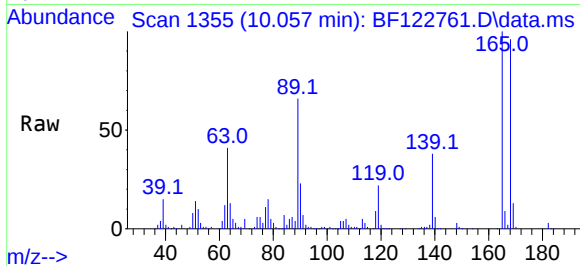
Tgt Ion:139 Resp: 378409
Ion Ratio Lower Upper
139 100
109 68.0 45.1 85.1
65 84.1 59.2 99.2





#57
2,4-Dinitrotoluene
Concen: 44.47 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

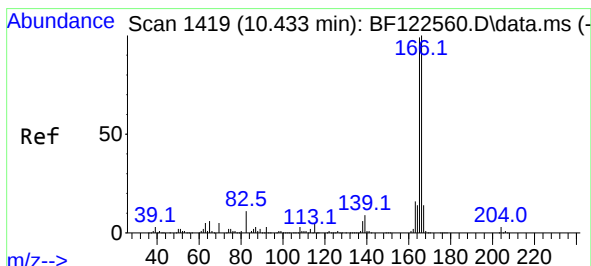
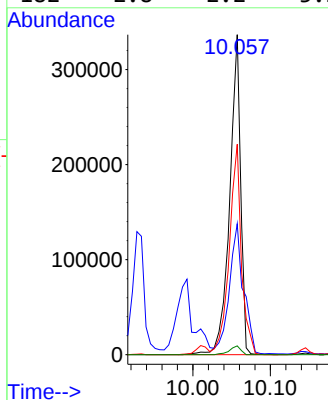
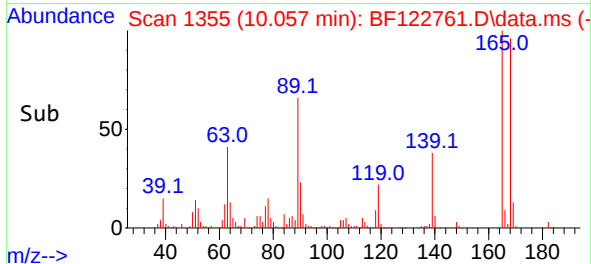
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



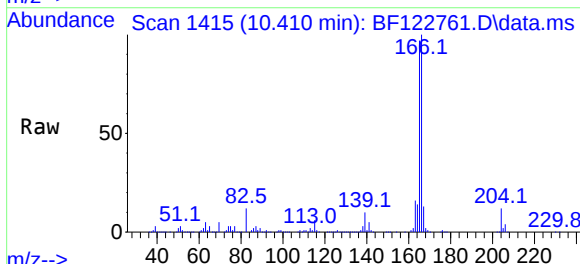
Tgt Ion:165 Resp: 331707
Ion Ratio Lower Upper
165 100
63 40.9 34.3 51.5
89 65.8 55.2 82.8
182 2.8 2.2 3.2

Manual Integrations
APPROVED

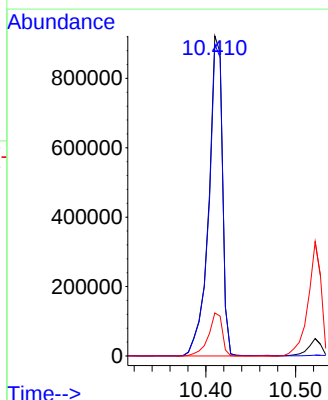
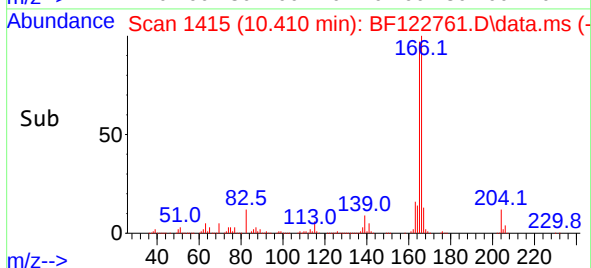
mohammad
12/18/2020 10:26:36 AM



#58
Fluorene
Concen: 40.29 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:166 Resp: 983339
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.0
167 13.4 10.9 16.3





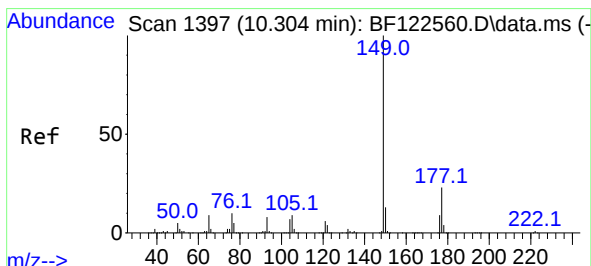
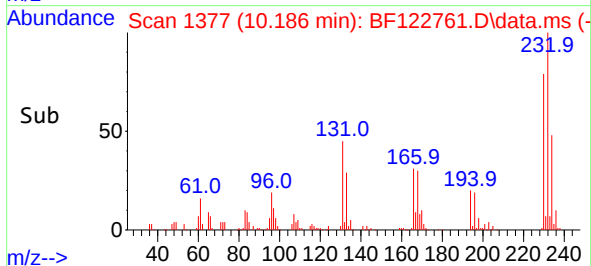
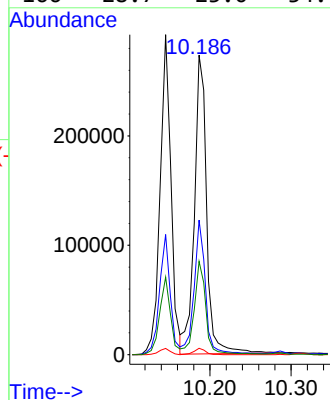
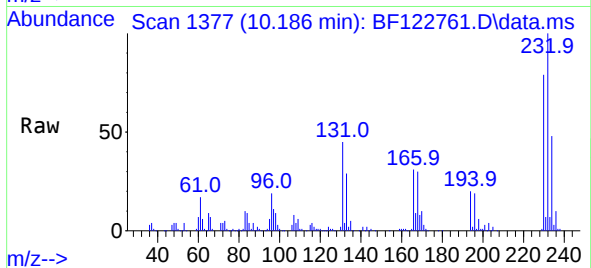
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.81 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:232 Resp: 288316
Ion Ratio Lower Upper
232 100
131 41.2 33.0 49.4
130 2.0 1.7 2.5
166 28.7 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

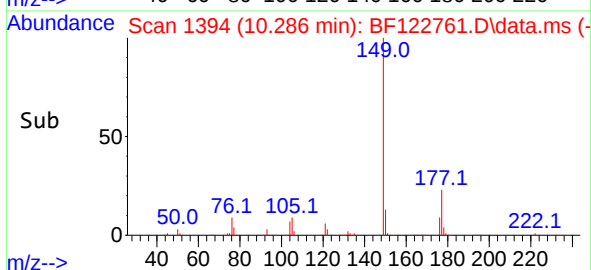
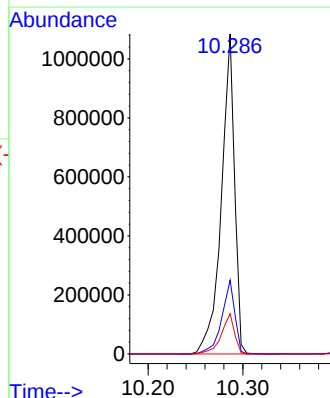
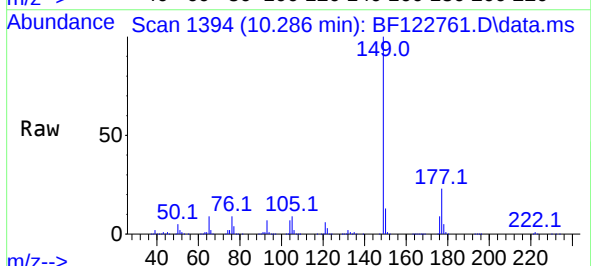
Manual Integrations
APPROVED

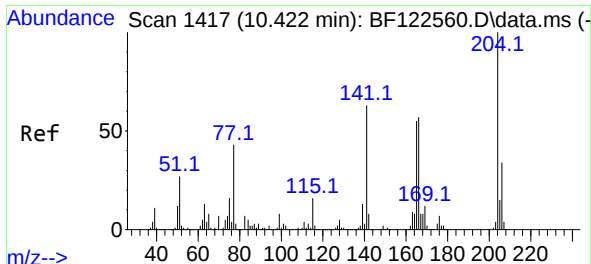
mohammad
12/18/2020 10:26:36 AM



#60
Diethylphthalate
Concen: 40.89 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

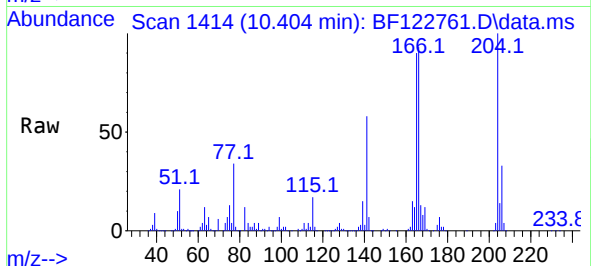
Tgt Ion:149 Resp: 1054469
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.81 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

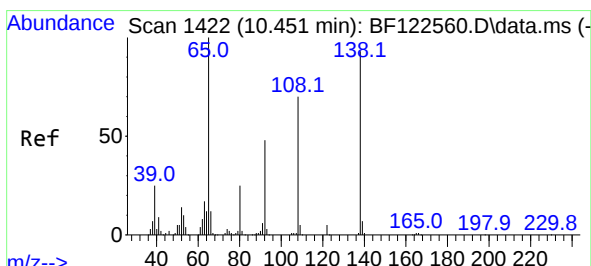
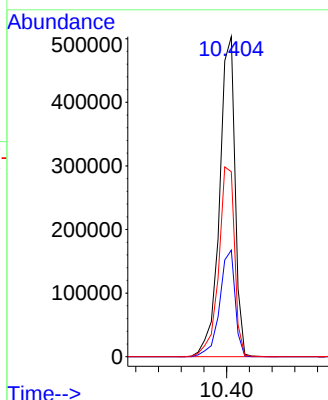
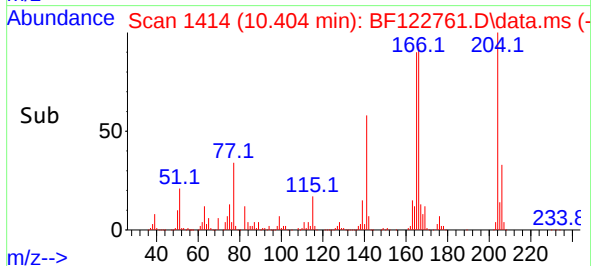
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



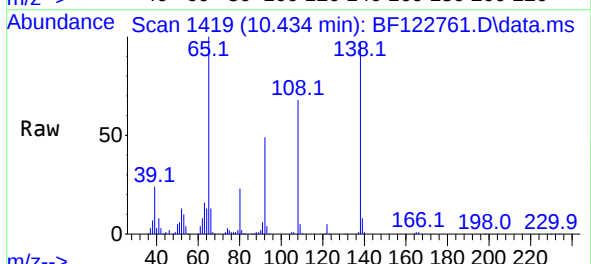
Tgt Ion:204 Resp: 478363
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 57.8 50.4 75.6

Manual Integrations
APPROVED

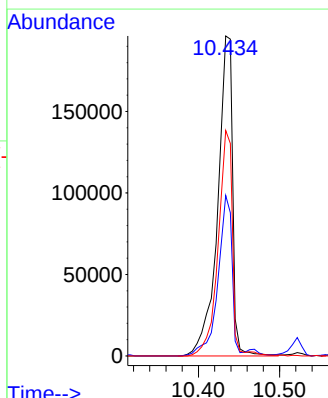
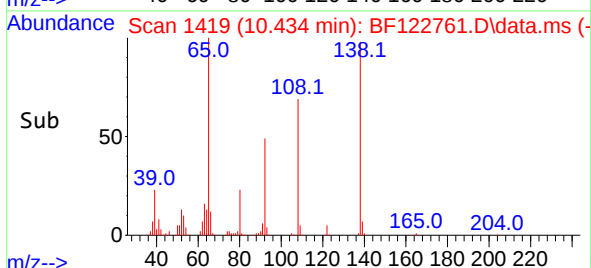
mohammad
12/18/2020 10:26:36 AM

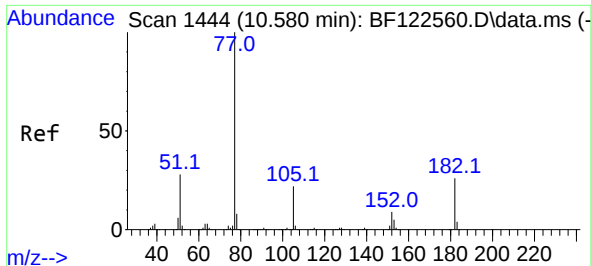


#62
4-Nitroaniline
Concen: 38.53 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

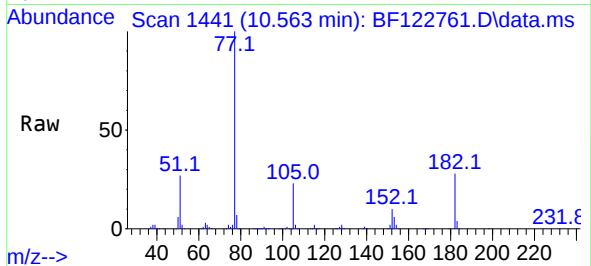


Tgt Ion:138 Resp: 253039
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 70.4 54.8 94.8



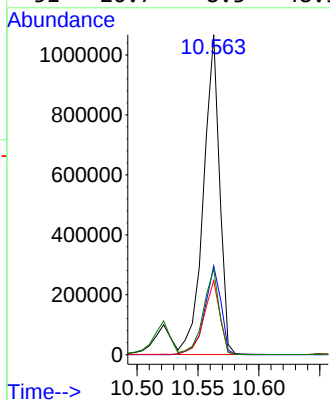


#63
Azobenzene
Concen: 41.15 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 77 Resp: 975402

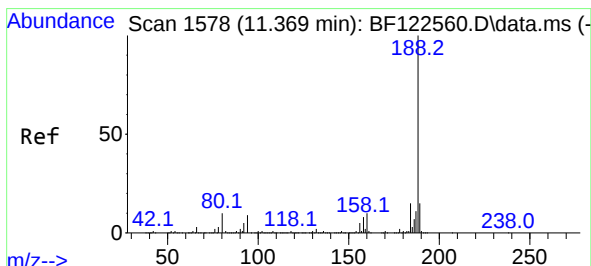
Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.6	45.6
105	23.2	1.8	41.8
51	26.7	8.3	48.3



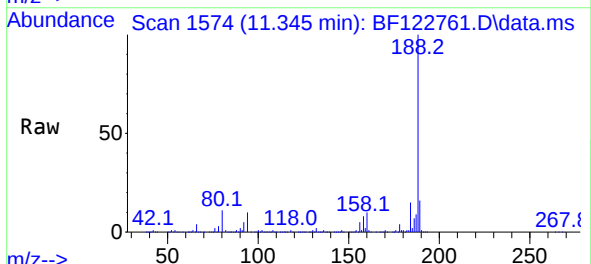
Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM

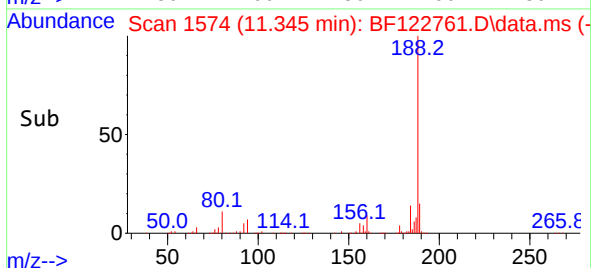
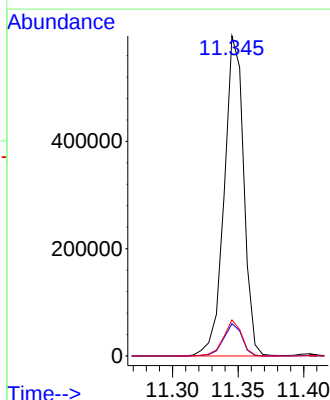


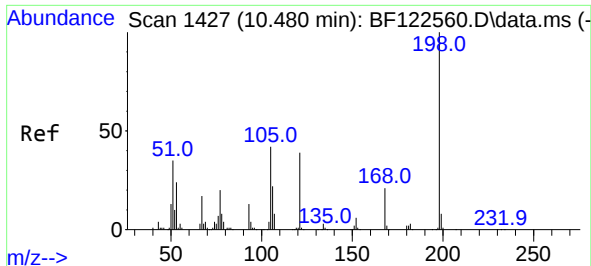
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion: 188 Resp: 615619

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	11.3	8.2	12.4





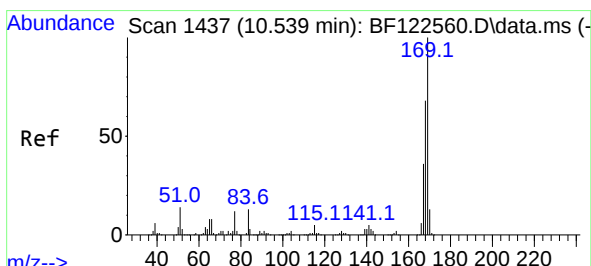
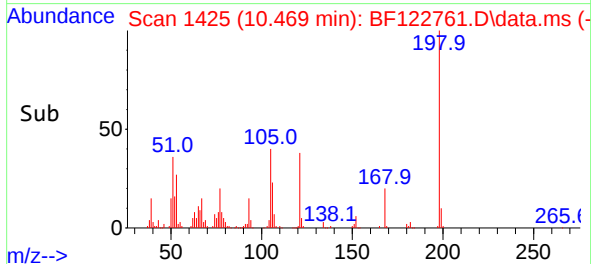
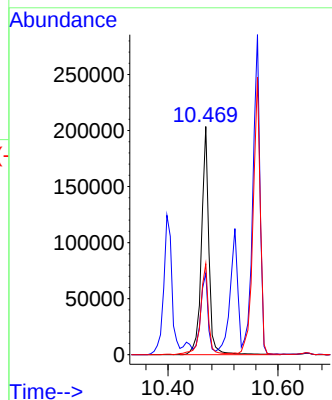
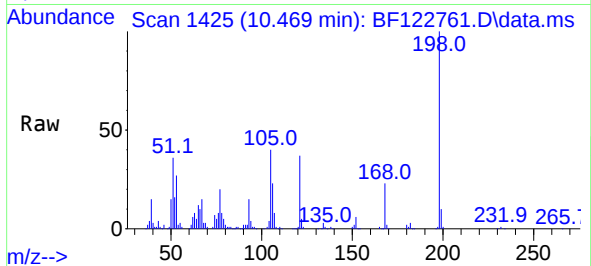
#65
4,6-Dinitro-2-methylphenol
Concen: 50.86 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:	198	Resp:	190922
Ion Ratio	Lower	Upper	
198	100		
51	35.8	20.3	60.3
105	39.9	23.0	63.0

Instrument :
BNA_F
ClientSampled :
PB133642BSD

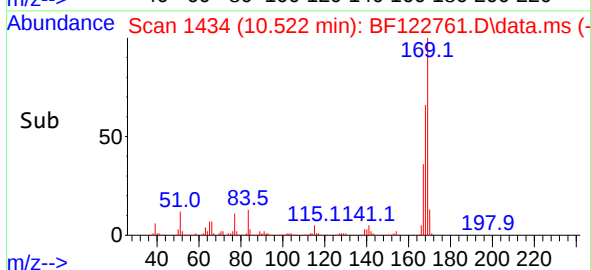
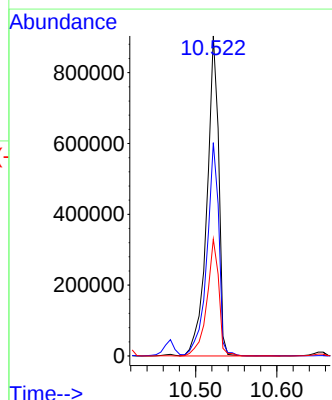
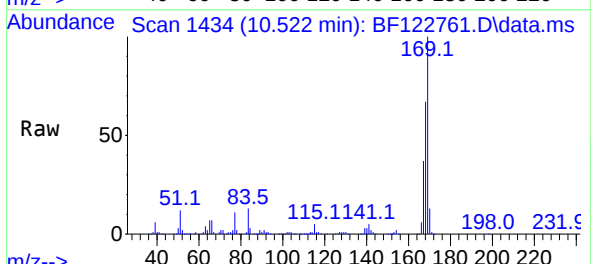
Manual Integrations
APPROVED

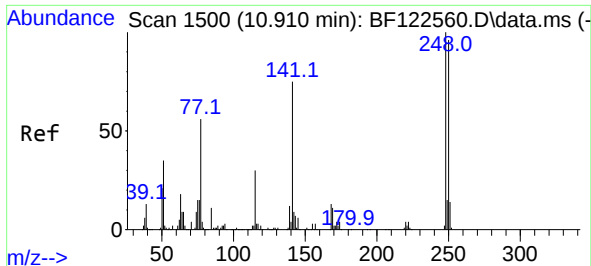
mohammad
12/18/2020 10:26:36 AM



#66
n-Nitrosodiphenylamine
Concen: 41.81 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

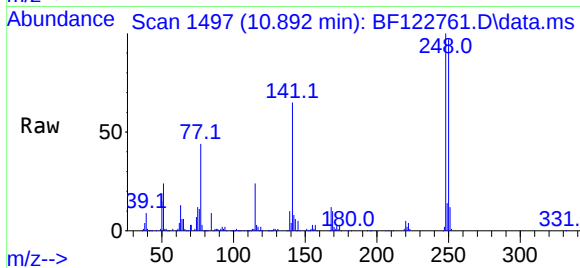
Tgt Ion:	169	Resp:	909371
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.2	81.2
167	36.5	29.2	43.8





#67
4-Bromophenyl-phenylether
Concen: 39.82 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

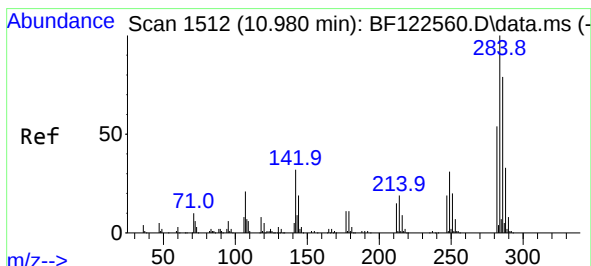
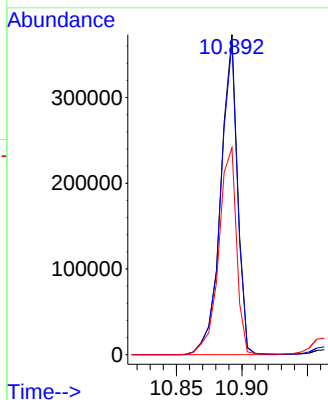
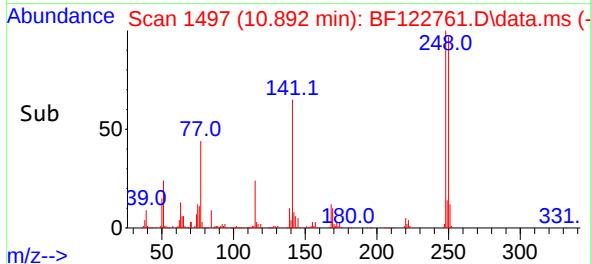
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



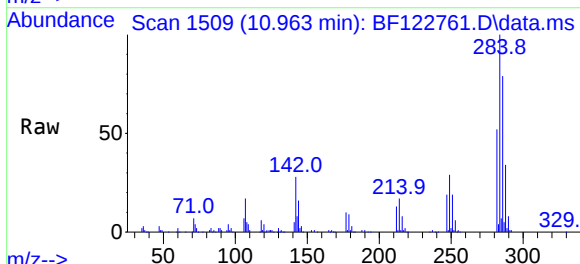
Tgt Ion:248 Resp: 332150
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 64.7 59.8 89.8

Manual Integrations
APPROVED

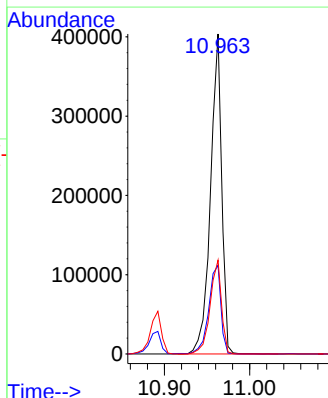
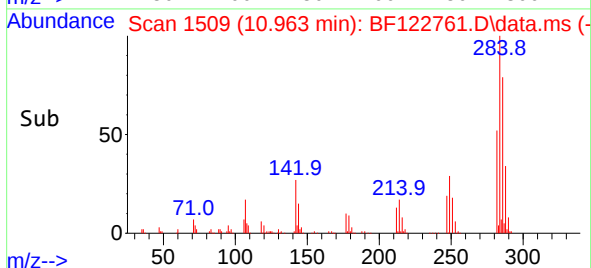
mohammad
12/18/2020 10:26:36 AM



#68
Hexachlorobenzene
Concen: 40.23 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:284 Resp: 370976
Ion Ratio Lower Upper
284 100
142 27.7 25.6 38.4
249 29.3 25.1 37.7





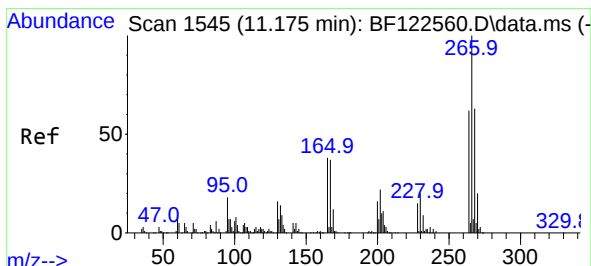
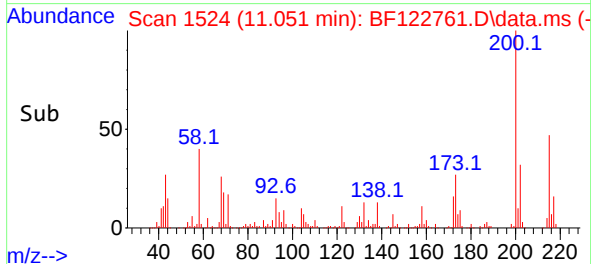
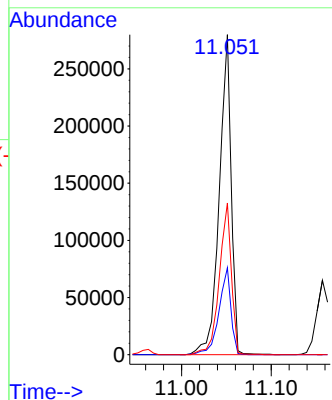
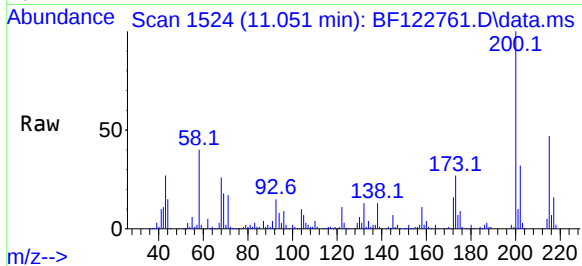
#69
Atrazine
Concen: 36.63 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:200 Resp: 258752
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 47.4 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

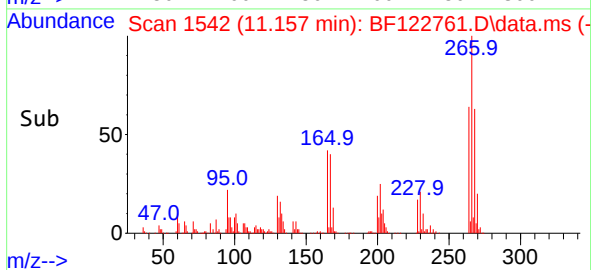
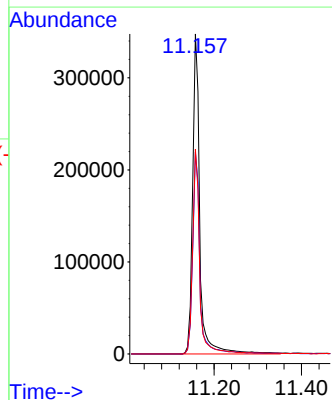
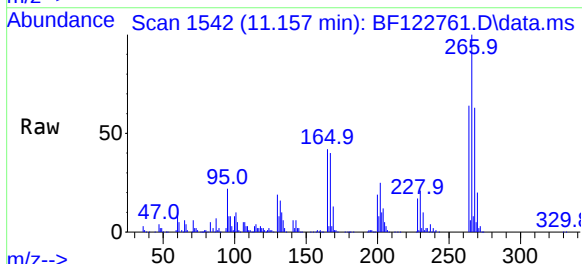
Manual Integrations
APPROVED

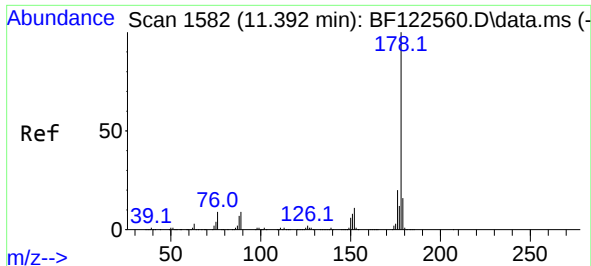
mohammad
12/18/2020 10:26:36 AM



#70
Pentachlorophenol
Concen: 81.45 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

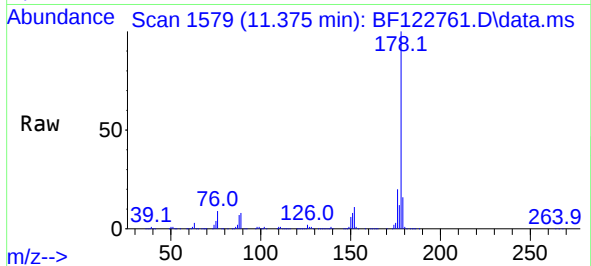
Tgt Ion:266 Resp: 397963
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 64.0 49.8 74.8





#71
Phenanthrene
Concen: 40.21 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

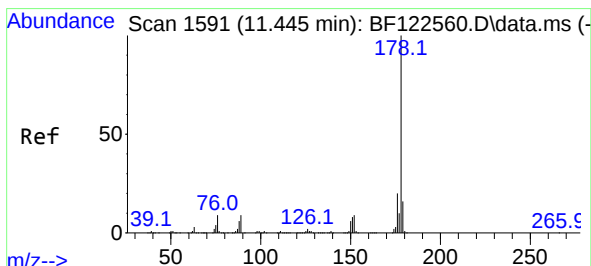
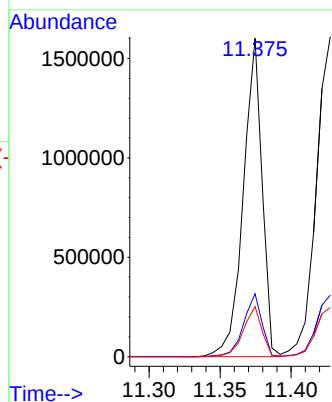
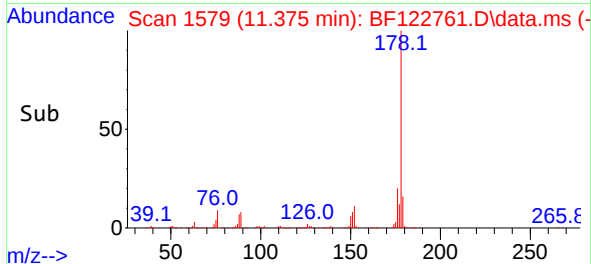
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



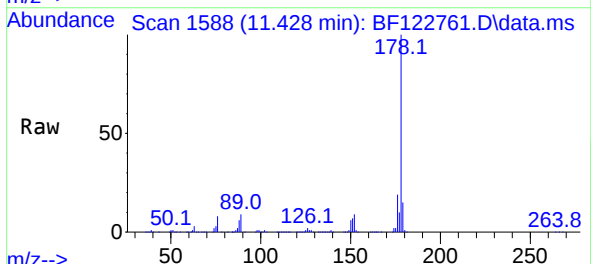
Tgt Ion:178 Resp: 1471206
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.7 12.7 19.1

Manual Integrations
APPROVED

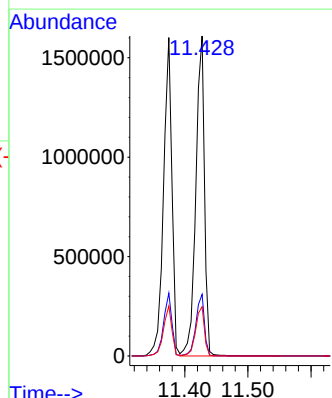
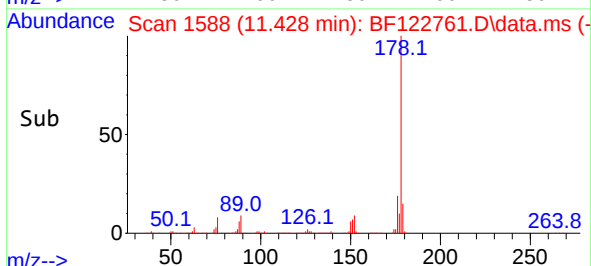
mohammad
12/18/2020 10:26:36 AM

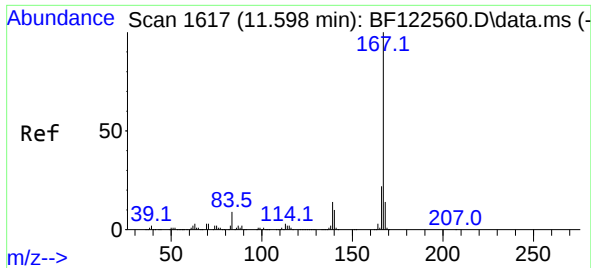


#72
Anthracene
Concen: 42.14 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



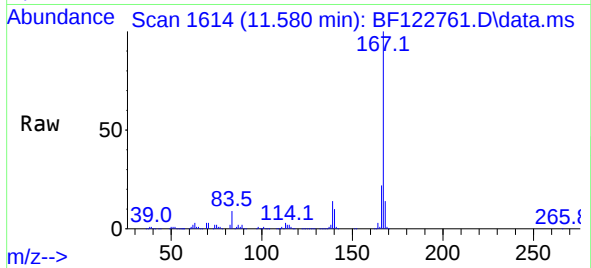
Tgt Ion:178 Resp: 1528902
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 12.8 19.2





#73
Carbazole
Concen: 41.91 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

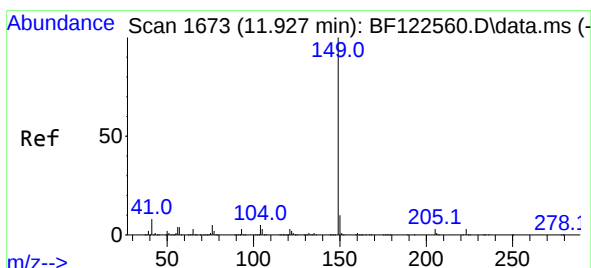
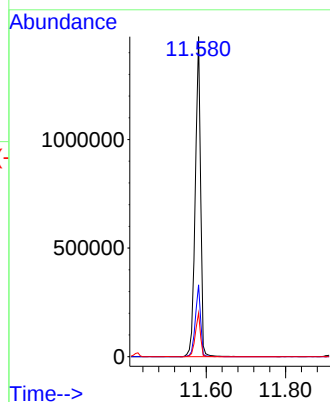
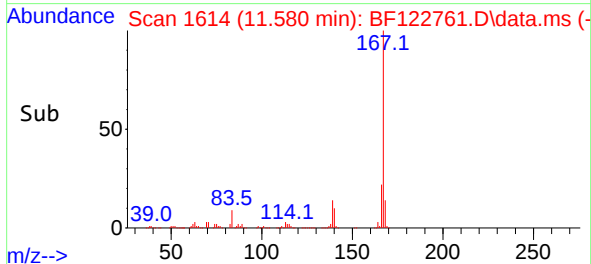
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



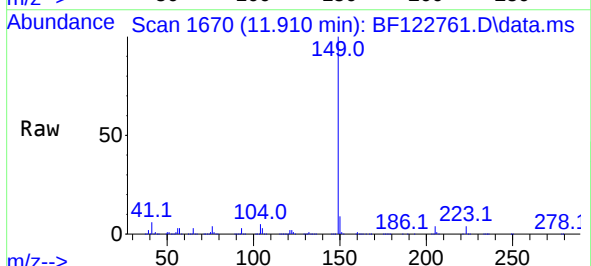
Tgt Ion:167 Resp: 1379032
Ion Ratio Lower Upper
167 100
166 22.4 18.0 27.0
139 13.7 10.9 16.3

Manual Integrations
APPROVED

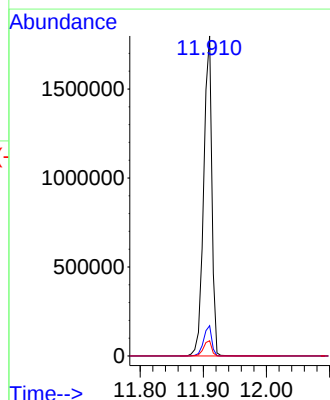
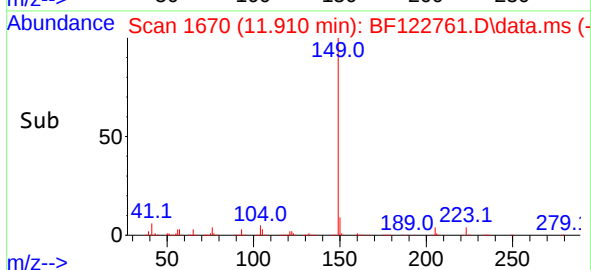
mohammad
12/18/2020 10:26:36 AM

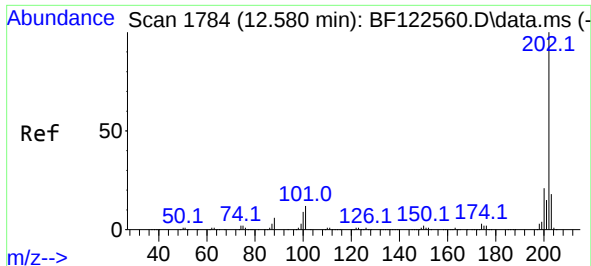


#74
Di-n-butylphthalate
Concen: 39.06 ng
RT: 11.910 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



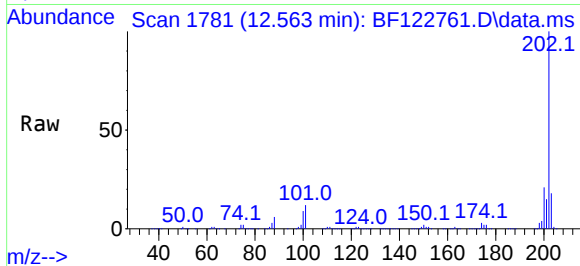
Tgt Ion:149 Resp: 1614977
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 4.2 6.4





#75
Fluoranthene
Concen: 41.13 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

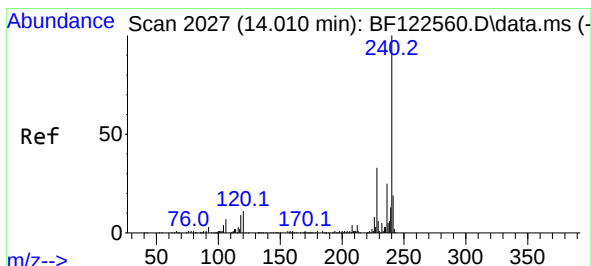
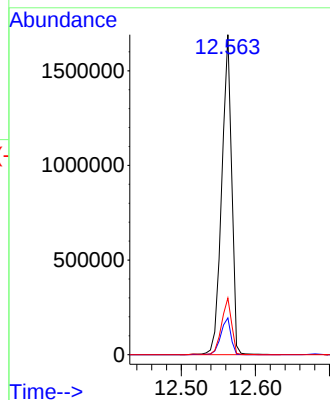
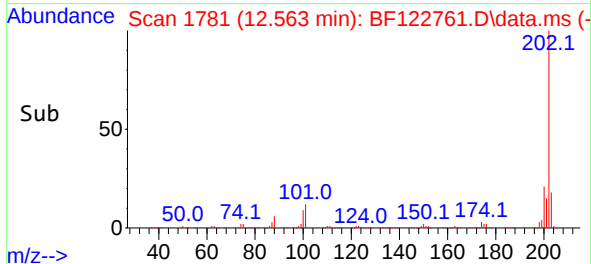
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



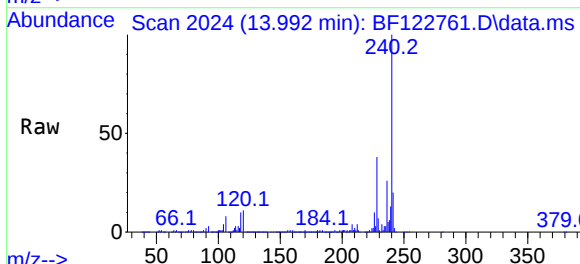
Tgt Ion:202 Resp: 1578149
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 17.7 0.0 38.1

Manual Integrations
APPROVED

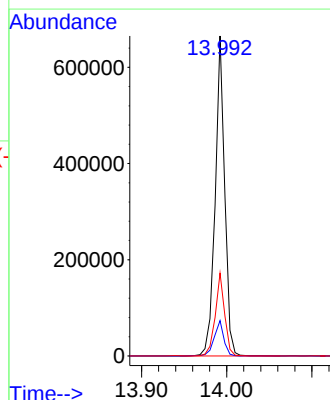
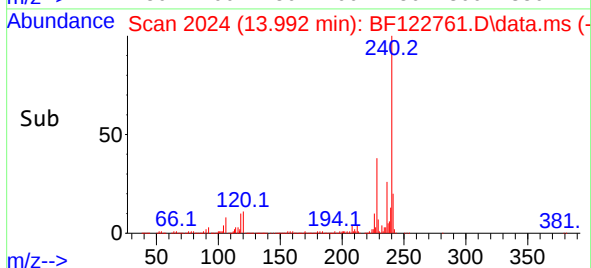
mohammad
12/18/2020 10:26:36 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



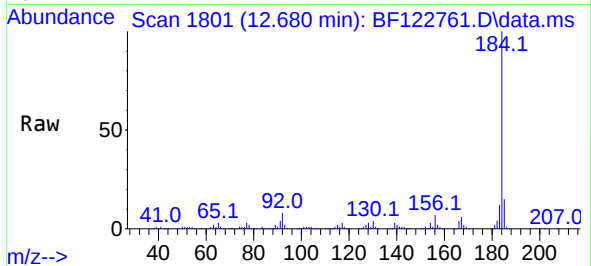
Tgt Ion:240 Resp: 519438
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.9 20.3 30.5





#77
Benzidine
Concen: 53.75 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

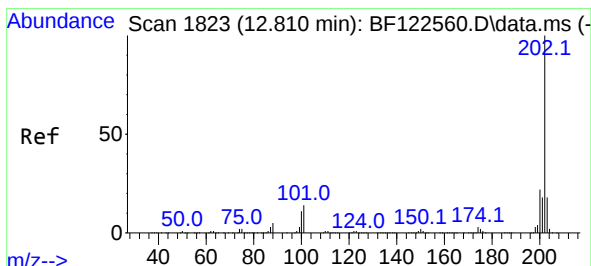
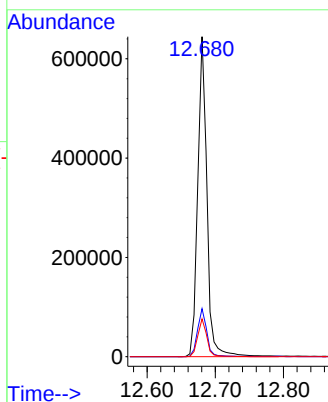
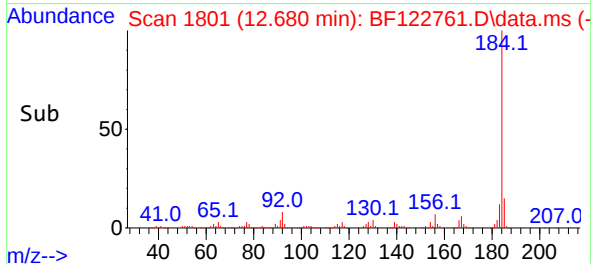
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



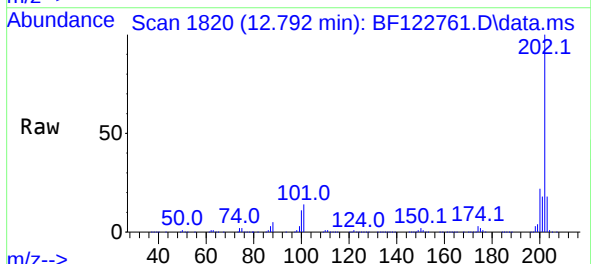
Tgt Ion:184 Resp: 603863
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 11.8 9.7 14.5

Manual Integrations
APPROVED

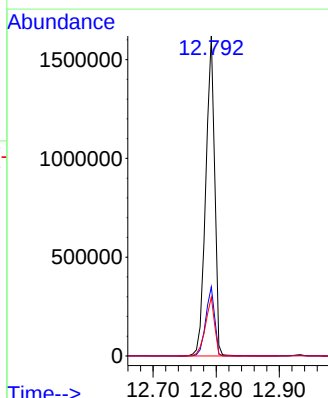
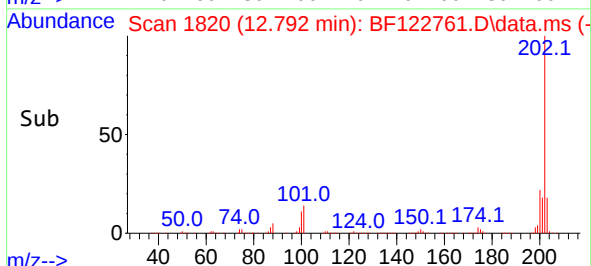
mohammad
12/18/2020 10:26:36 AM

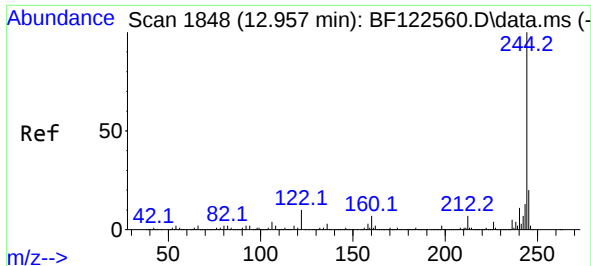


#78
Pyrene
Concen: 39.70 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



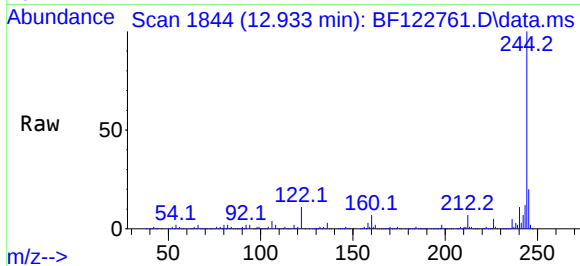
Tgt Ion:202 Resp: 1594467
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.4 14.6 21.8





#79
Terphenyl-d14
Concen: 60.85 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

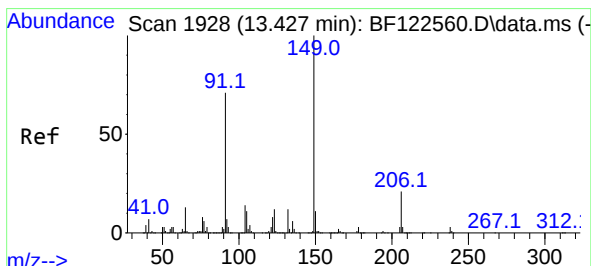
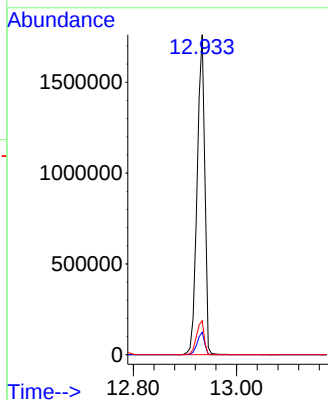
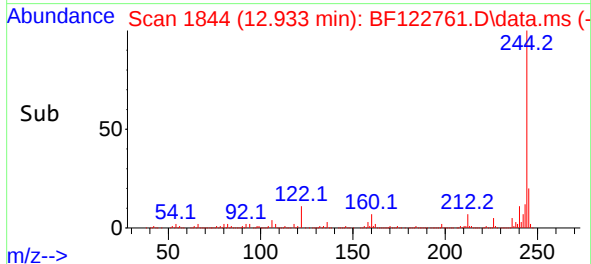
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



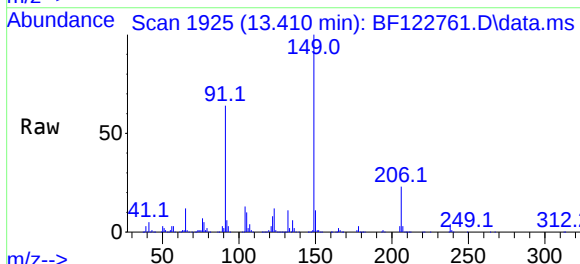
Tgt Ion:244 Resp: 1805741
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.6 8.3 12.5

Manual Integrations
APPROVED

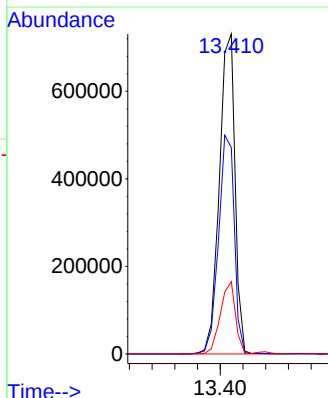
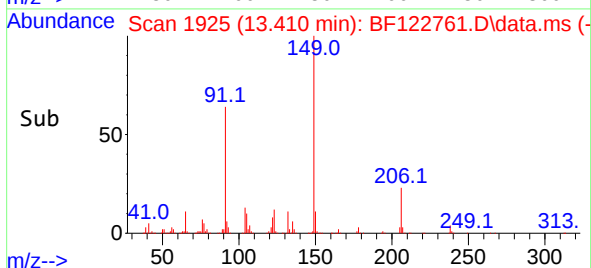
mohammad
12/18/2020 10:26:36 AM

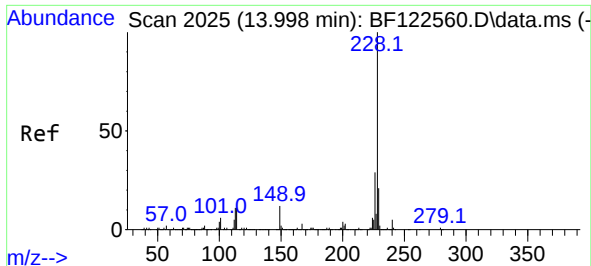


#80
Butylbenzylphthalate
Concen: 38.94 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

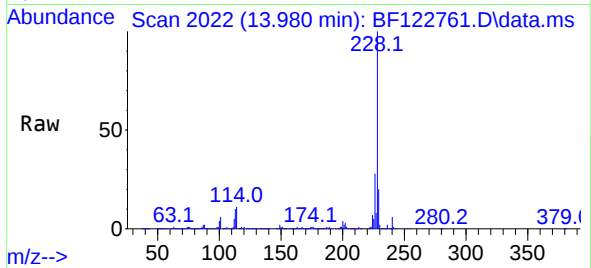


Tgt Ion:149 Resp: 704397
Ion Ratio Lower Upper
149 100
91 64.5 56.5 84.7
206 22.6 17.0 25.6

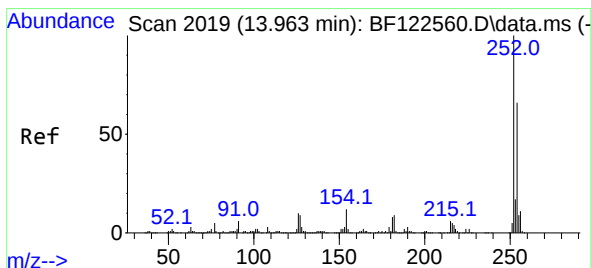
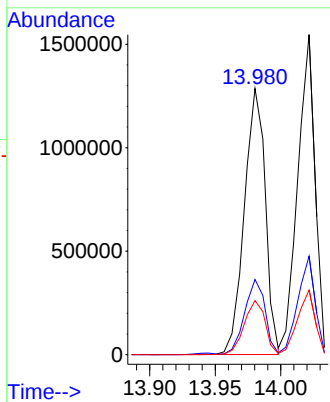
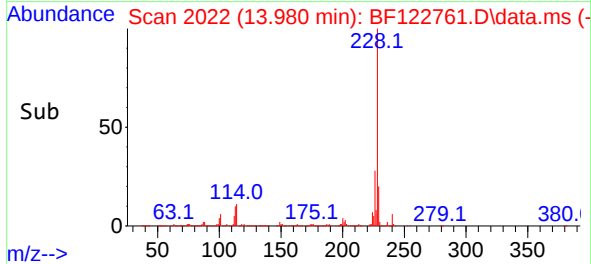




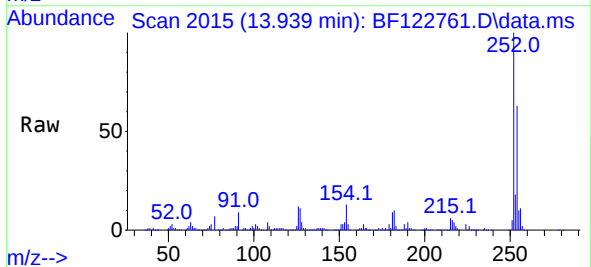
#81
Benzo(a)anthracene
Concen: 41.04 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



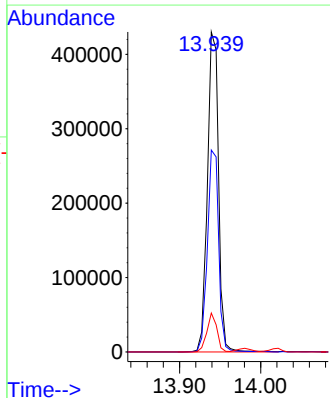
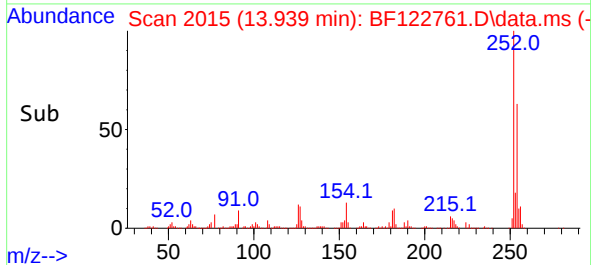
Tgt Ion:228 Resp: 1424688
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.4
229 20.3 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 32.80 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



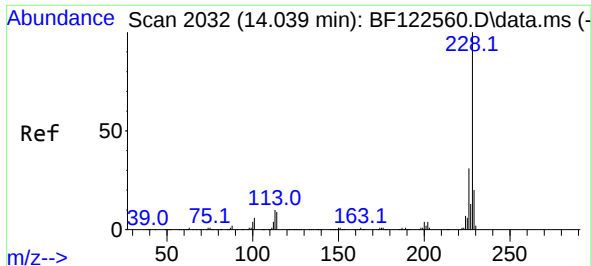
Tgt Ion:252 Resp: 407825
Ion Ratio Lower Upper
252 100
254 63.1 52.7 79.1
126 12.1 8.0 12.0#



Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



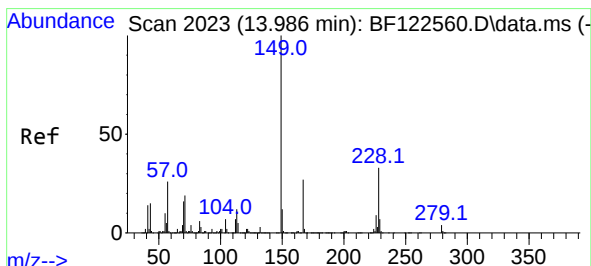
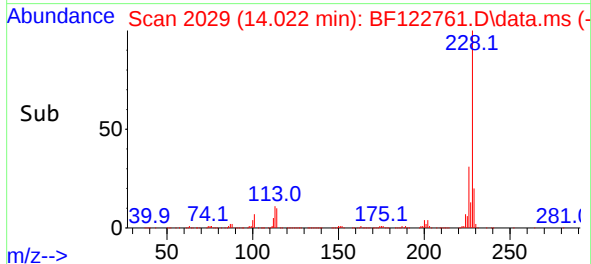
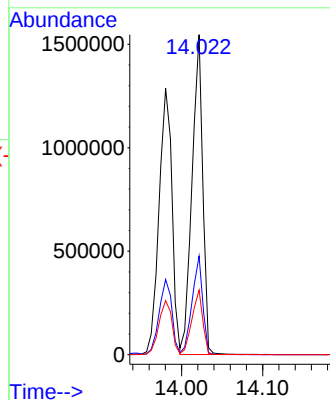
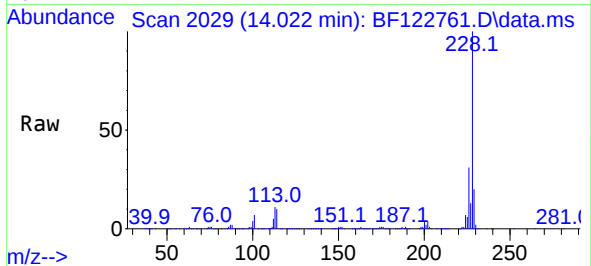
#83
Chrysene
Concen: 41.26 ng
RT: 14.022 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:228 Resp: 1425544
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 20.2 15.8 23.6

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

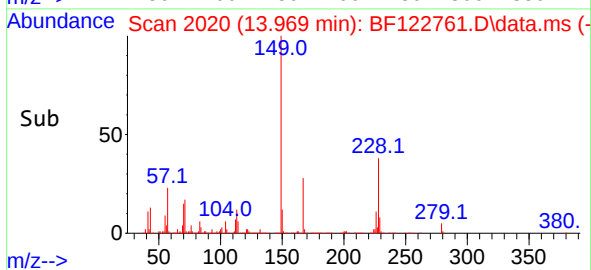
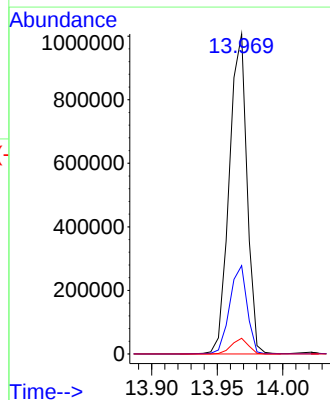
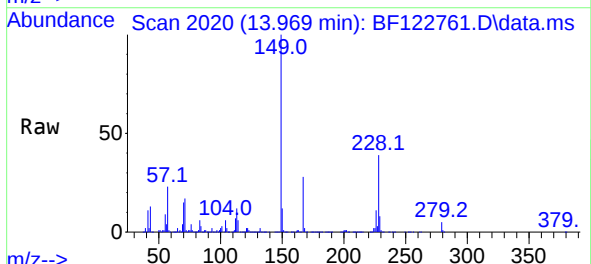
Manual Integrations
APPROVED

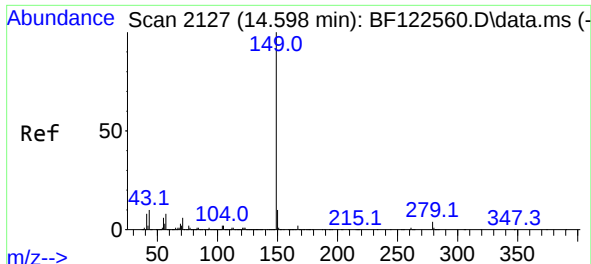
mohammad
12/18/2020 10:26:36 AM



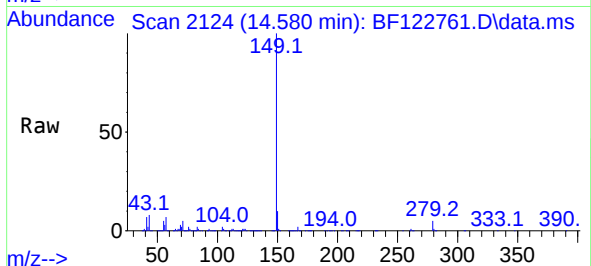
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.20 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

Tgt Ion:149 Resp: 946375
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.2
279 4.9 3.4 5.0

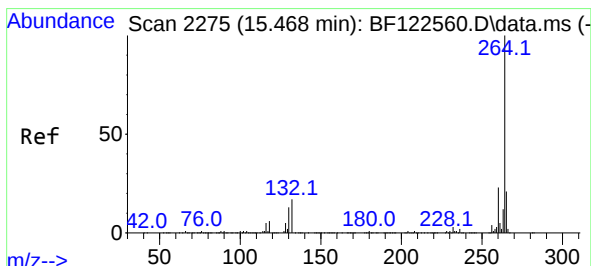
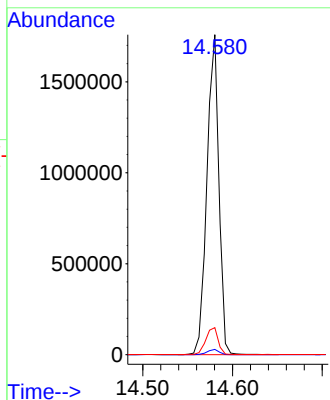
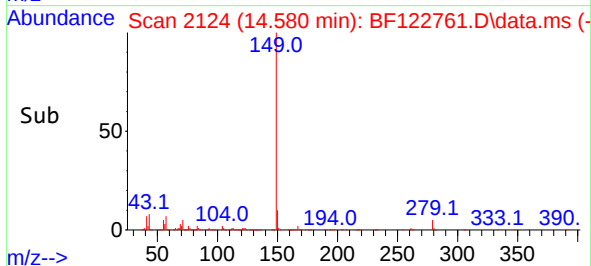




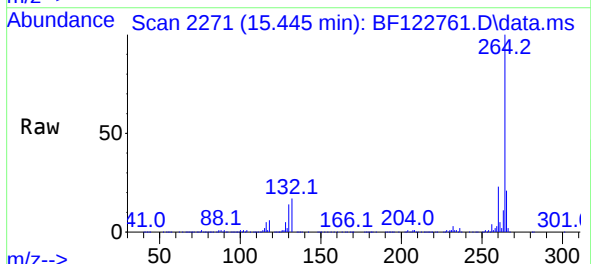
#85
Di-n-octyl phthalate
Concen: 39.64 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



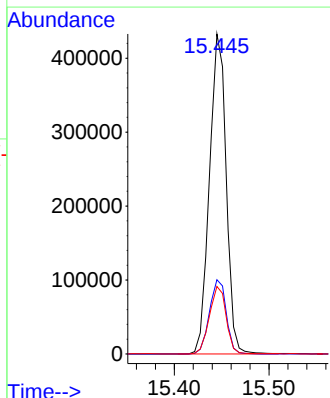
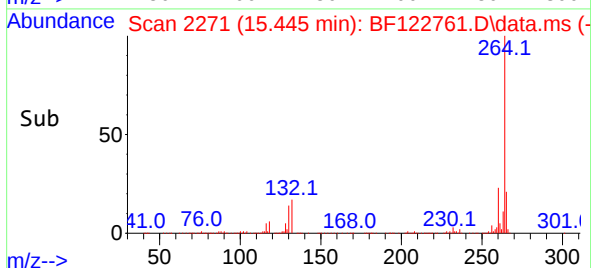
Tgt Ion:149 Resp: 1628747
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



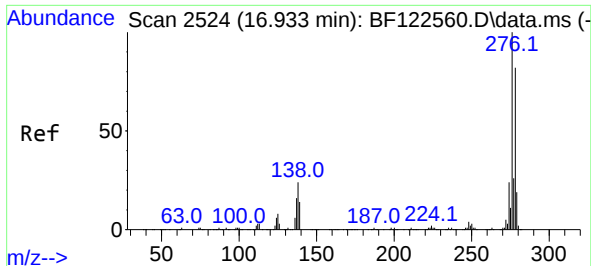
Tgt Ion:264 Resp: 530658
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.1 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
PB133642BSD

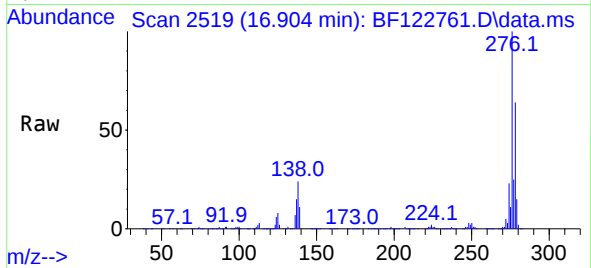
Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 42.41 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

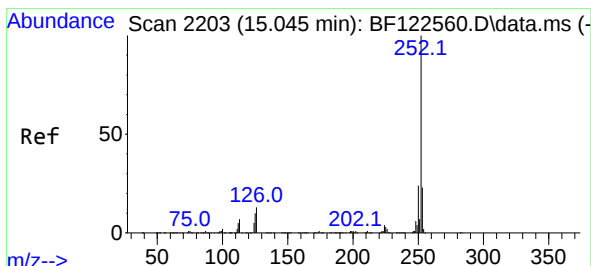
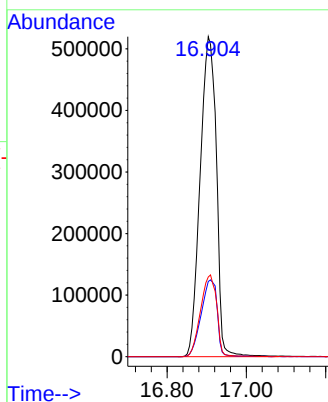
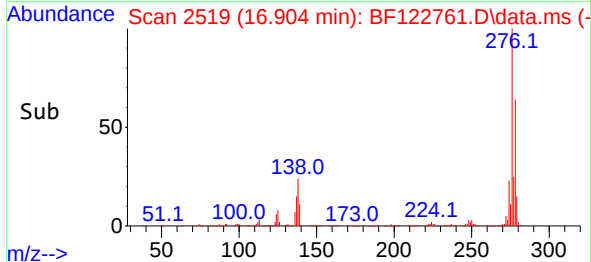
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



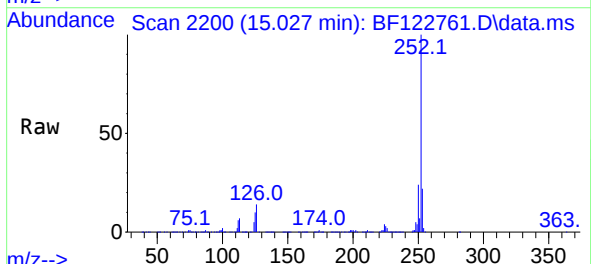
Tgt Ion: 276 Resp: 1477232
Ion Ratio Lower Upper
276 100
138 23.7 18.7 28.1
277 25.4 20.2 30.4

Manual Integrations
APPROVED

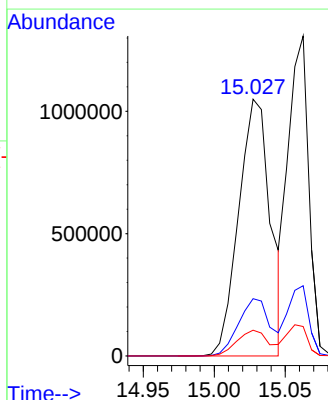
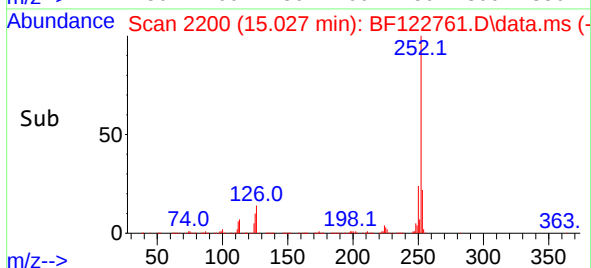
mohammad
12/18/2020 10:26:36 AM

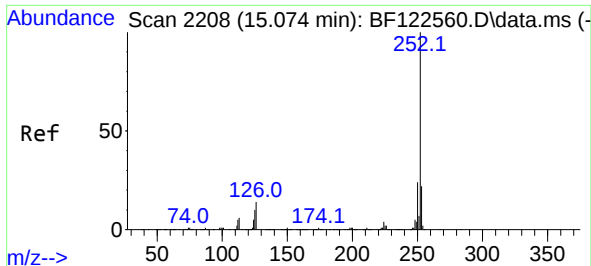


#88
Benzo(b)fluoranthene
Concen: 43.95 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



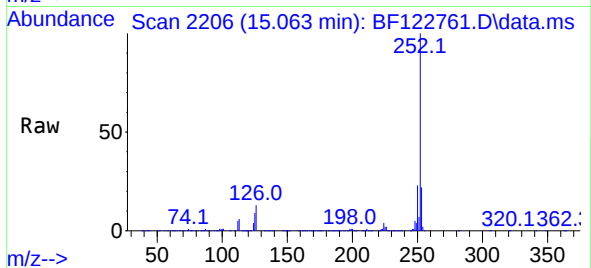
Tgt Ion: 252 Resp: 1636506
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 39.08 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

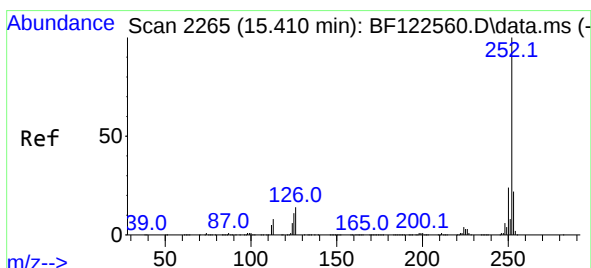
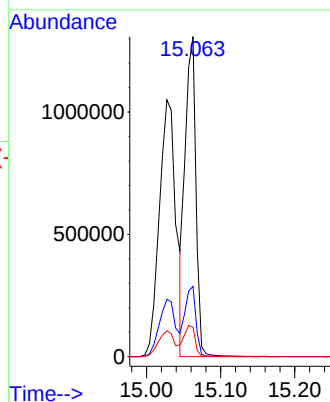
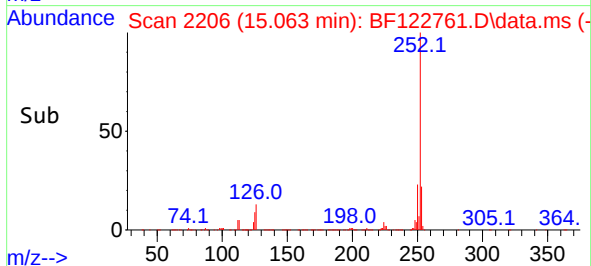
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



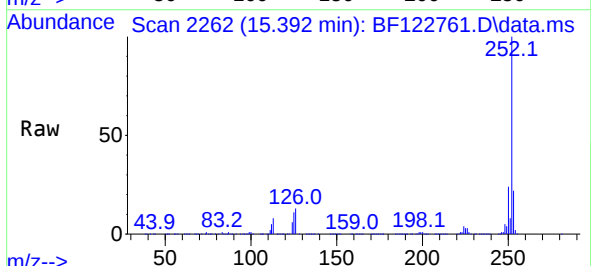
Tgt Ion:252 Resp: 1330414
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 8.4 12.6

Manual Integrations
APPROVED

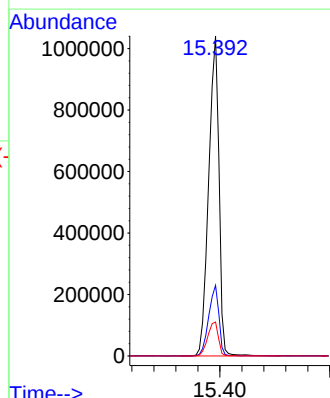
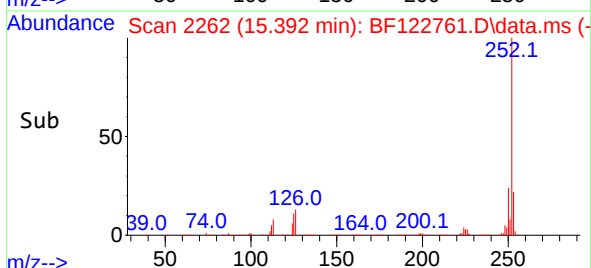
mohammad
12/18/2020 10:26:36 AM

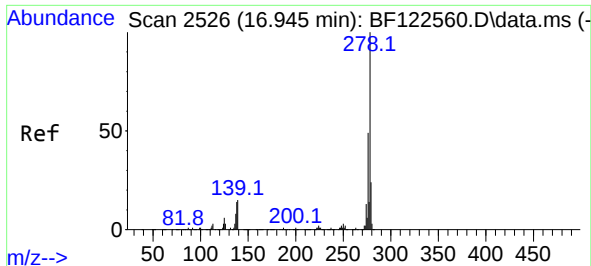


#90
Benzo(a)pyrene
Concen: 41.54 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



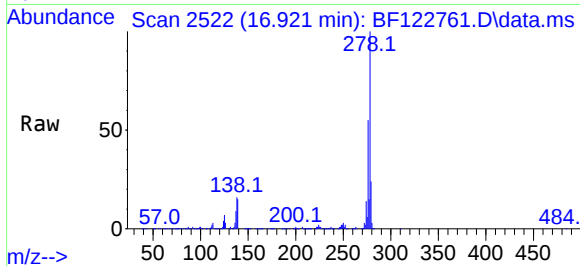
Tgt Ion:252 Resp: 1353150
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 42.74 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.018 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26

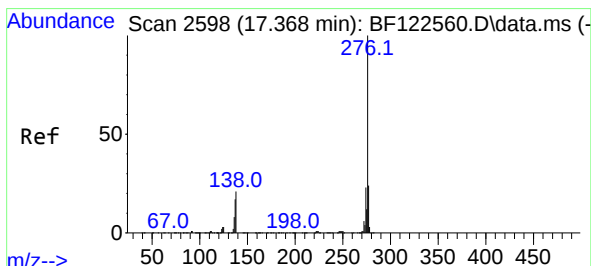
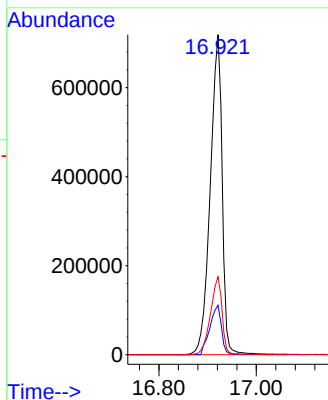
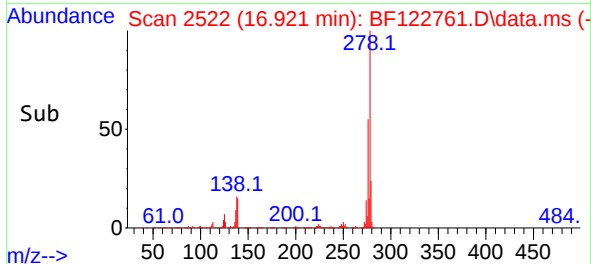
Instrument :
BNA_F
ClientSampleId :
PB133642BSD



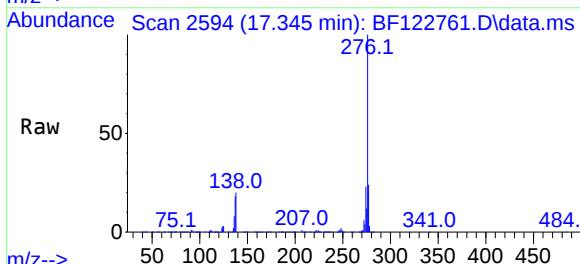
Tgt Ion:278 Resp: 1218435
Ion Ratio Lower Upper
278 100
139 15.4 12.0 18.0
279 24.4 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/18/2020 10:26:36 AM



#92
Benzo(g,h,i)perylene
Concen: 44.48 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF122761.D
Acq: 17 Dec 2020 13:26



Tgt Ion:276 Resp: 1227402
Ion Ratio Lower Upper
276 100
277 24.3 19.3 28.9
138 20.4 16.6 24.8

