

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122221.D
 Acq On : 2 Nov 2020 12:24
 Operator : JU/CG
 Sample : PB132734BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132734BSD

Manual Integrations
 APPROVED

mohammad
 11/3/2020 10:01:57 AM

Quant Time: Nov 02 14:09:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	94287	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	363709	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	188867	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	358922	20.00	ng	0.00
76) Chrysene-d12	13.886	240	280087	20.00	ng	0.00
86) Perylene-d12	15.321	264	241981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	662344	103.68	ng	0.01
7) Phenol-d6	6.375	99	797582	96.99	ng	0.00
23) Nitrobenzene-d5	7.281	82	482700	68.06	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	234090	100.20	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	843862	65.74	ng	0.00
79) Terphenyl-d14	12.815	244	974610	66.31	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	111693	39.75	ng	97
3) Pyridine	3.198	79	292768	39.63	ng	96
4) n-Nitrosodimethylamine	3.163	42	148474	41.58	ng	93
6) Aniline	6.381	93	270123	26.67	ng	# 30
8) 2-Chlorophenol	6.504	128	273363	42.34	ng	98
9) Benzaldehyde	6.269	77	113208	21.20	ng	99
10) Phenol	6.386	94	339289	39.98	ng	95
11) bis(2-Chloroethyl)ether	6.451	93	266229	40.58	ng	99
12) 1,3-Dichlorobenzene	6.645	146	299519	41.24	ng	99
13) 1,4-Dichlorobenzene	6.728	146	307282	42.14	ng	98
14) 1,2-Dichlorobenzene	6.881	146	277413	41.62	ng	99
15) Benzyl Alcohol	6.869	79	237640	44.68	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.986	45	414201	41.02	ng	# 31
17) 2-Methylphenol	6.992	107	221473	40.12	ng	# 87
18) Hexachloroethane	7.210	117	113540	43.11	ng	100
19) n-Nitroso-di-n-propyla...	7.133	70	205415	43.87	ng	98
20) 3+4-Methylphenols	7.145	107	306988	46.11	ng	# 61
22) Acetophenone	7.128	105	388161	41.48	ng	# 90
24) Nitrobenzene	7.304	77	310960	41.02	ng	98
25) Isophorone	7.539	82	536676	40.02	ng	99
26) 2-Nitrophenol	7.616	139	146188	41.88	ng	89
27) 2,4-Dimethylphenol	7.669	122	236888	39.81	ng	98
28) bis(2-Chloroethoxy)met...	7.751	93	336922	40.16	ng	99
29) 2,4-Dichlorophenol	7.875	162	232007	41.63	ng	98
30) 1,2,4-Trichlorobenzene	7.939	180	238873	40.31	ng	99
31) Naphthalene	8.016	128	786024	40.34	ng	100
32) Benzoic acid	7.845	122	116292	36.40	ng	96
33) 4-Chloroaniline	8.080	127	182749	22.02	ng	98
34) Hexachlorobutadiene	8.128	225	146643	41.74	ng	99
35) Caprolactam	8.463	113	71927m	40.64	ng	
36) 4-Chloro-3-methylphenol	8.580	107	248519	41.52	ng	99
37) 2-Methylnaphthalene	8.710	142	507642	40.23	ng	98
38) 1-Methylnaphthalene	8.804	142	470366	40.25	ng	98
40) 1,2,4,5-Tetrachloroben...	8.875	216	241718	39.65	ng	100
41) Hexachlorocyclopentadiene	8.851	237	85214	55.22	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	148230	39.41	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122221.D
 Acq On : 2 Nov 2020 12:24
 Operator : JU/CG
 Sample : PB132734BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132734BSD

Manual Integrations
 APPROVED

mohammad
 11/3/2020 10:01:57 AM

Quant Time: Nov 02 14:09:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	145038	35.71	ng	99
46) 1,1'-Biphenyl	9.169	154	612009	39.85	ng	99
47) 2-Chloronaphthalene	9.198	162	479030	40.11	ng	99
48) 2-Nitroaniline	9.310	65	166940	42.38	ng	97
49) Acenaphthylene	9.610	152	721622	39.34	ng	99
50) Dimethylphthalate	9.474	163	545382	39.49	ng	99
51) 2,6-Dinitrotoluene	9.551	165	121601	40.14	ng	99
52) Acenaphthene	9.780	154	438737	40.21	ng	99
53) 3-Nitroaniline	9.727	138	83515	24.24	ng	94
54) 2,4-Dinitrophenol	9.851	184	98680	65.59	ng	# 85
55) Dibenzofuran	9.957	168	648092	40.62	ng	97
56) 4-Nitrophenol	9.933	139	58373m	31.14	ng	
57) 2,4-Dinitrotoluene	9.963	165	160737	43.10	ng	92
58) Fluorene	10.298	166	526289	40.94	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	140623	44.75	ng	93
60) Diethylphthalate	10.174	149	555248	41.69	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	253925	41.19	ng	96
62) 4-Nitroaniline	10.345	138	121222	35.22	ng	88
63) Azobenzene	10.451	77	577386	41.00	ng	97
65) 4,6-Dinitro-2-methylph...	10.380	198	84798	36.44	ng	95
66) n-Nitrosodiphenylamine	10.410	169	478701	38.72	ng	98
67) 4-Bromophenyl-phenylether	10.774	248	163362	39.40	ng	95
68) Hexachlorobenzene	10.851	284	187102	39.86	ng	# 93
69) Atrazine	10.945	200	130841	43.28	ng	98
70) Pentachlorophenol	11.057	266	107164	60.25	ng	99
71) Phenanthrene	11.263	178	766413	38.94	ng	100
72) Anthracene	11.316	178	803509	39.37	ng	98
73) Carbazole	11.474	167	716346	39.47	ng	99
74) Di-n-butylphthalate	11.792	149	858386	41.11	ng	99
75) Fluoranthene	12.451	202	834430	39.54	ng	98
77) Benzidine	12.580	184	329272	38.13	ng	99
78) Pyrene	12.680	202	844283	39.56	ng	99
80) Butylbenzylphthalate	13.292	149	366657	43.32	ng	97
81) Benzo(a)anthracene	13.874	228	735928	40.10	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	172533	25.34	ng	100
83) Chrysene	13.909	228	718400	39.87	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	502608	43.74	ng	100
85) Di-n-octyl phthalate	14.457	149	836002	44.97	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	613009	39.02	ng	98
88) Benzo(b)fluoranthene	14.915	252	696100	42.56	ng	98
89) Benzo(k)fluoranthene	14.939	252	607292	39.08	ng	100
90) Benzo(a)pyrene	15.262	252	567675	40.18	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	514316	39.76	ng	99
92) Benzo(g,h,i)perylene	17.168	276	511135	39.48	ng	96

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

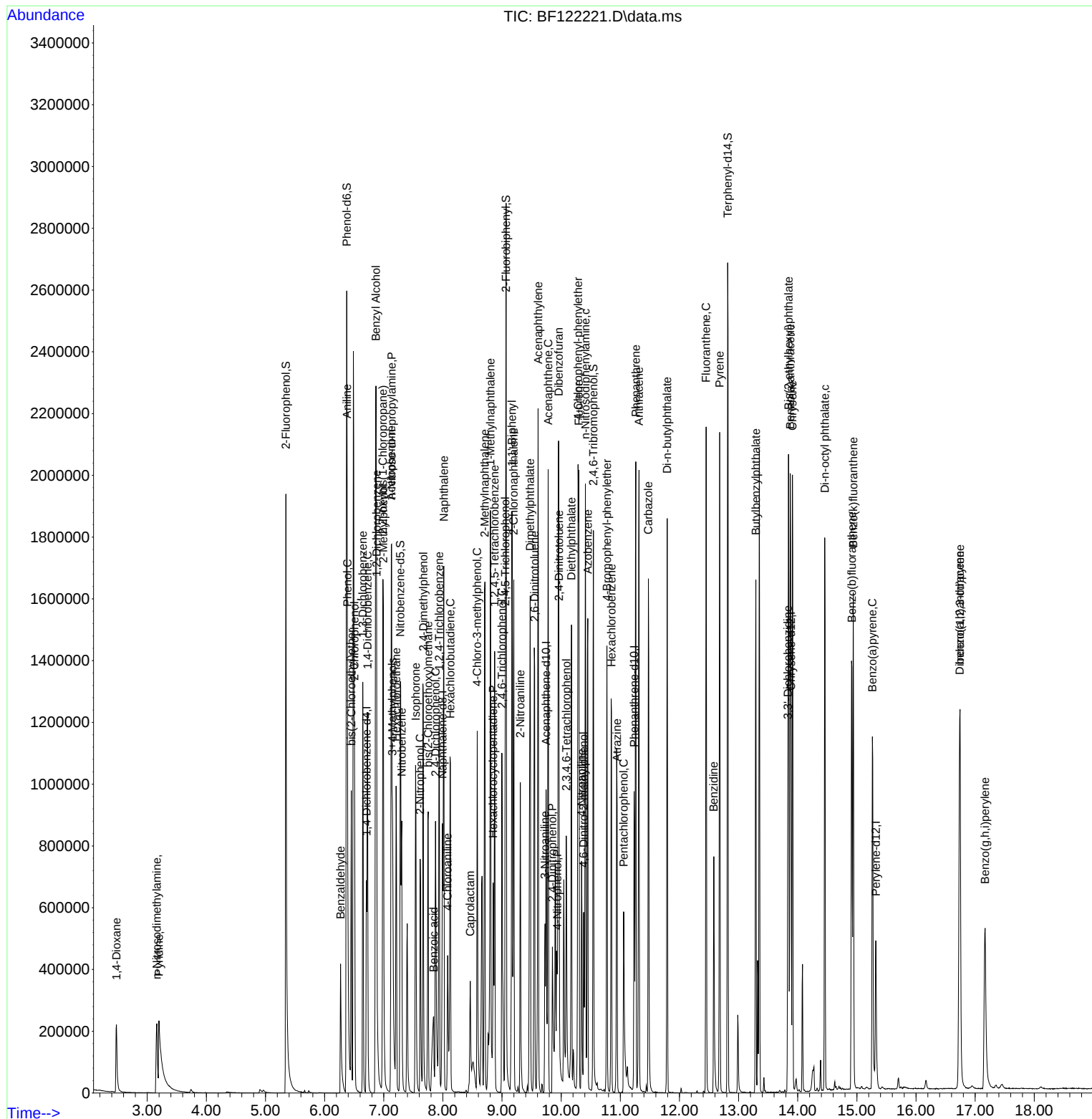
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\  
Data File : BF122221.D  
Acq On    : 2 Nov 2020 12:24  
Operator  : JU/CG  
Sample    : PB132734BSD  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM

Quant Time: Nov 02 14:09:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration





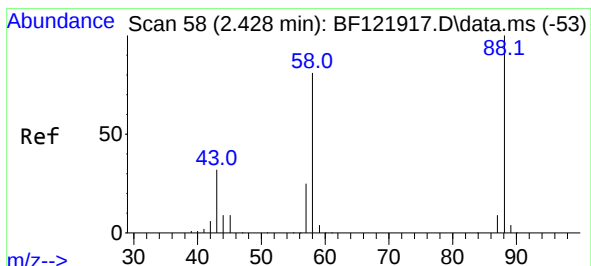
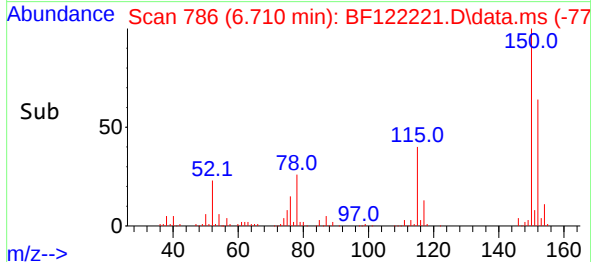
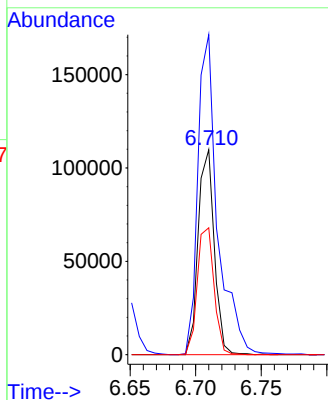
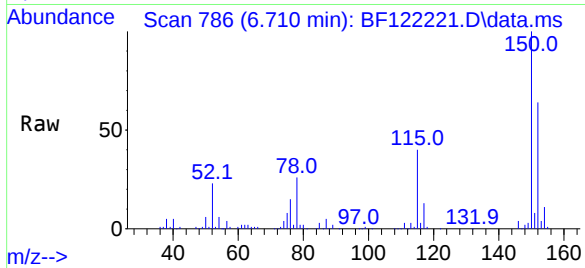
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:152 Resp: 94287
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 61.9 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

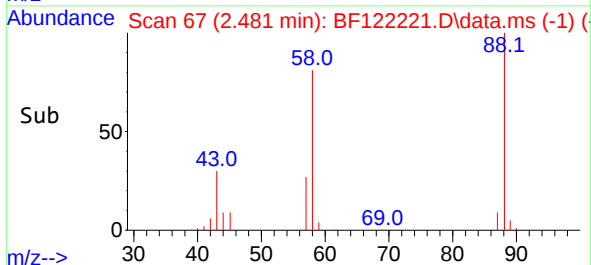
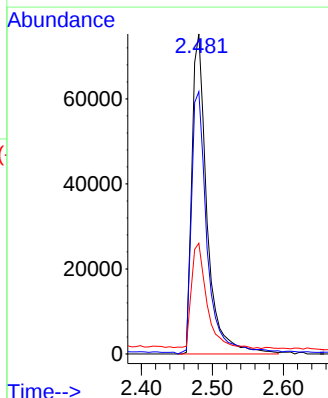
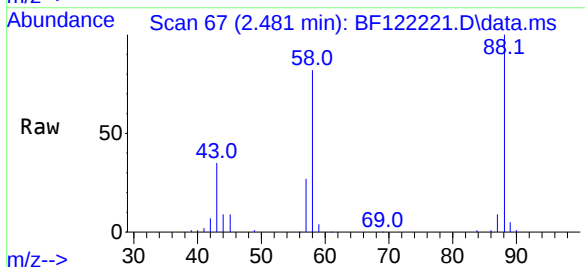
Manual Integrations
APPROVED

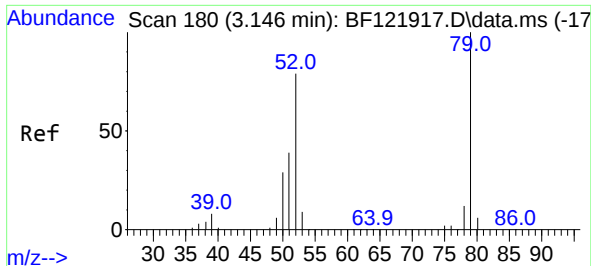
mohammad
11/3/2020 10:01:57 AM



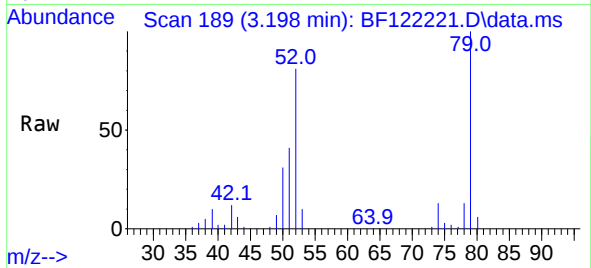
#2
1,4-Dioxane
Concen: 39.75 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.117 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 88 Resp: 111693
Ion Ratio Lower Upper
88 100
58 85.6 65.8 98.8
43 33.4 25.8 38.8



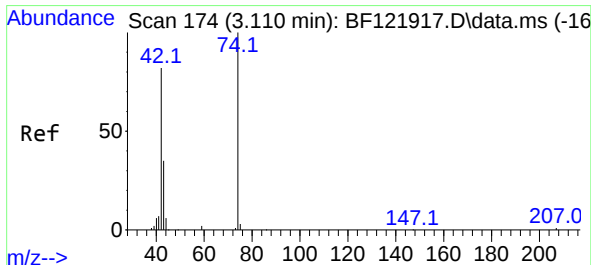
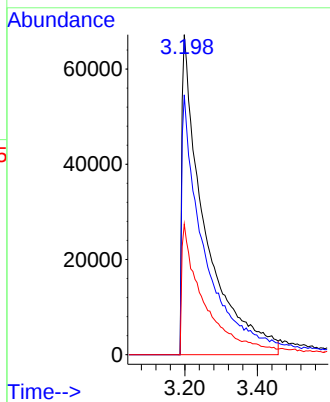
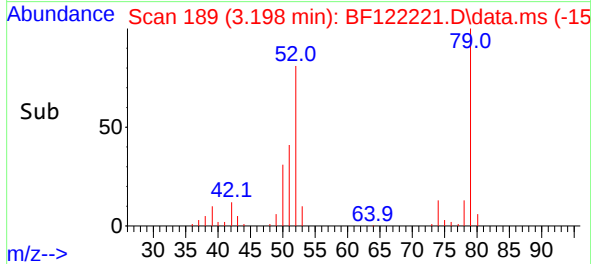


#3
Pyridine
Concen: 39.63 ng
RT: 3.198 min Scan# 189
Delta R.T. 0.117 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

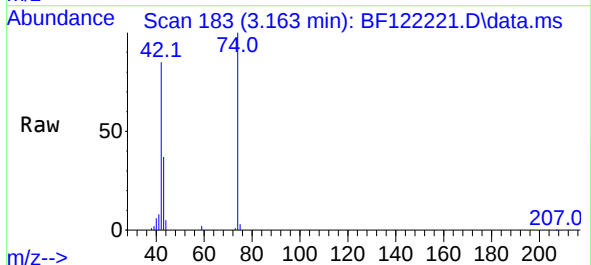


Tgt Ion: 79 Resp: 292768

Ion	Ratio	Lower	Upper
79	100		
52	81.2	62.2	93.4
51	40.8	31.1	46.7

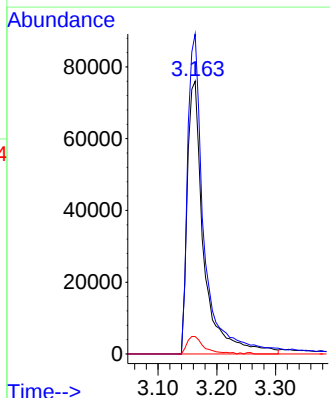
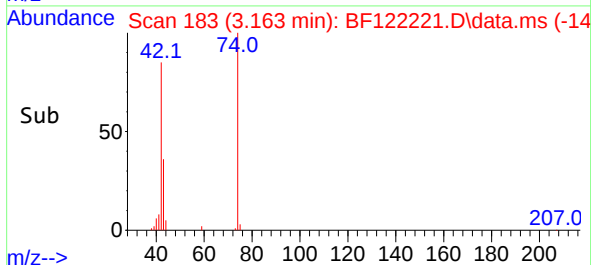


#4
n-Nitrosodimethylamine
Concen: 41.58 ng
RT: 3.163 min Scan# 183
Delta R.T. 0.117 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion: 42 Resp: 148474

Ion	Ratio	Lower	Upper
42	100		
74	117.3	100.2	150.2
44	6.4	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



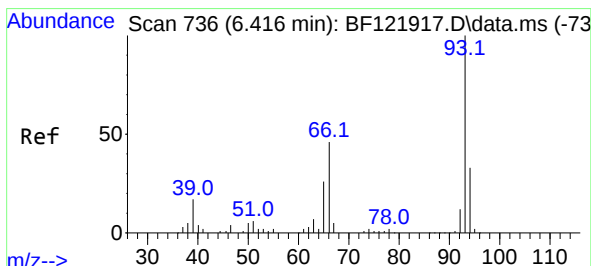
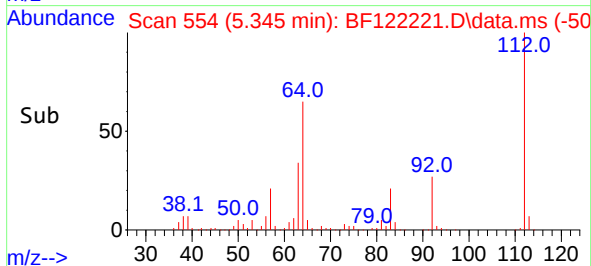
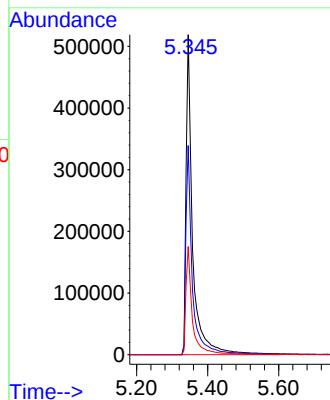
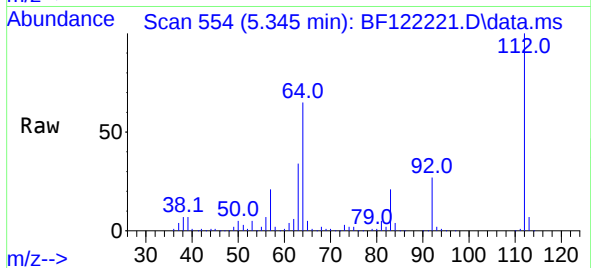
#5
2-Fluorophenol
Concen: 103.68 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:112 Resp: 662344
Ion Ratio Lower Upper
112 100
64 65.3 50.4 75.6
63 33.8 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

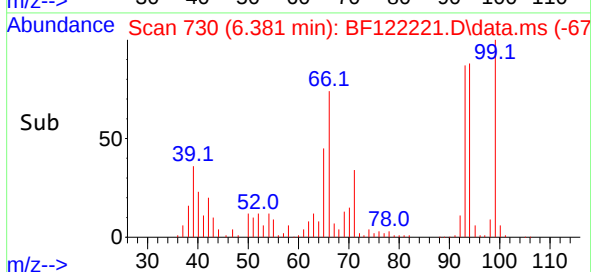
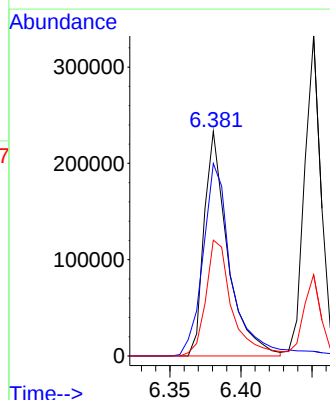
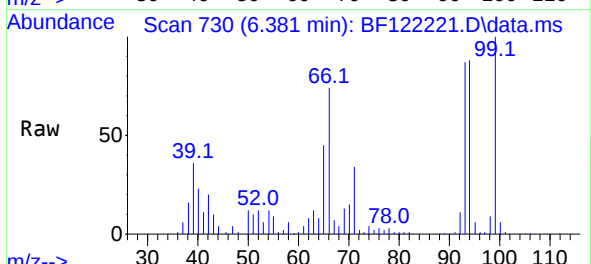
Manual Integrations
APPROVED

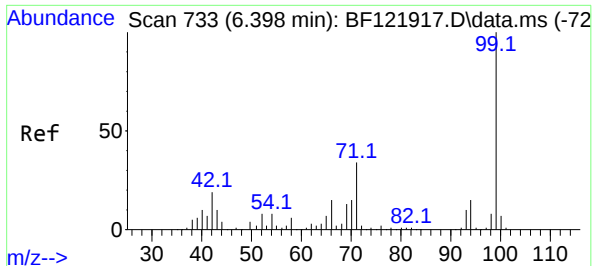
mohammad
11/3/2020 10:01:57 AM



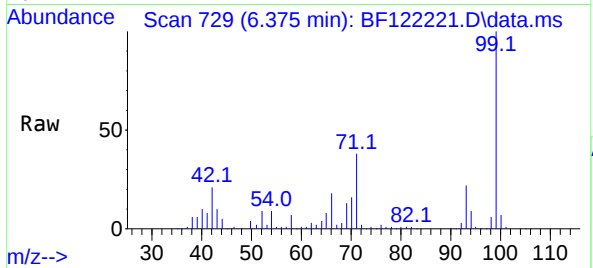
#6
Aniline
Concen: 26.67 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 93 Resp: 270123
Ion Ratio Lower Upper
93 100
66 85.7 32.7 49.1#
65 51.6 16.6 24.8#

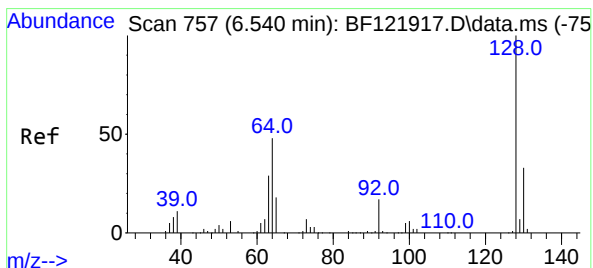
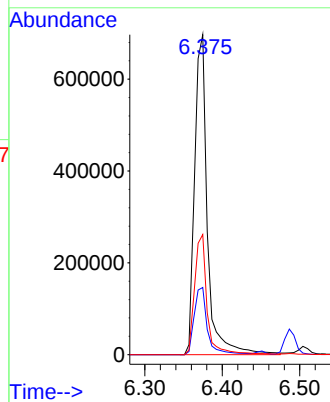
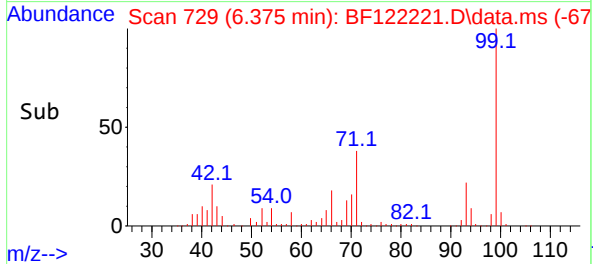




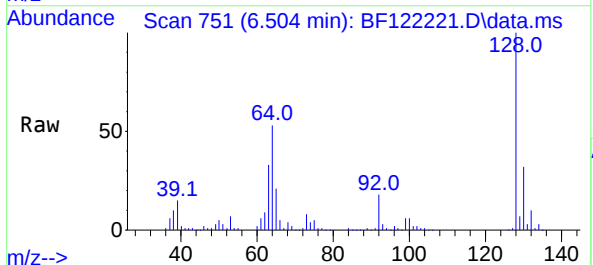
#7
Phenol-d6
Concen: 96.99 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



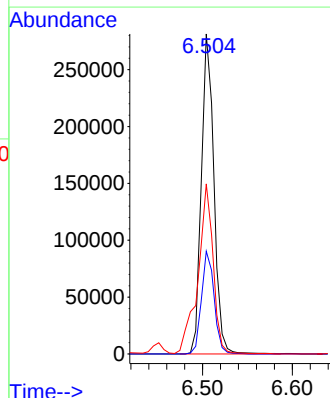
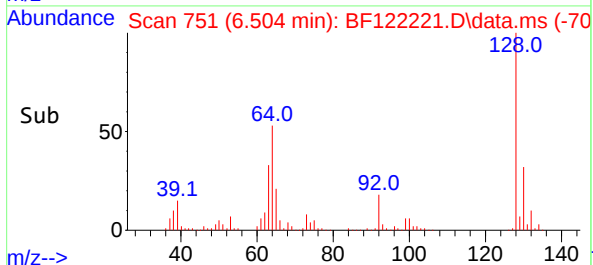
Tgt Ion: 99 Resp: 797582
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 37.5 27.1 40.7



#8
2-Chlorophenol
Concen: 42.34 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



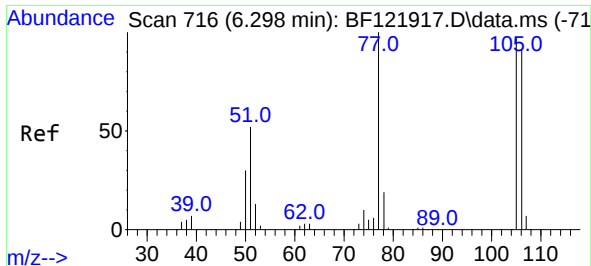
Tgt Ion: 128 Resp: 273363
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 53.2 34.8 74.8



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



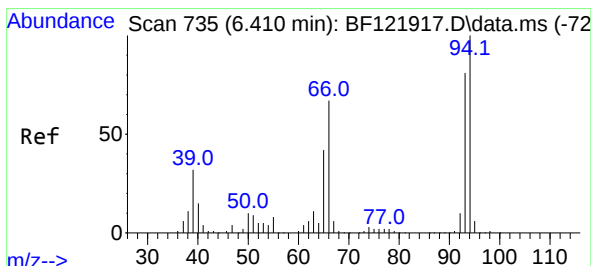
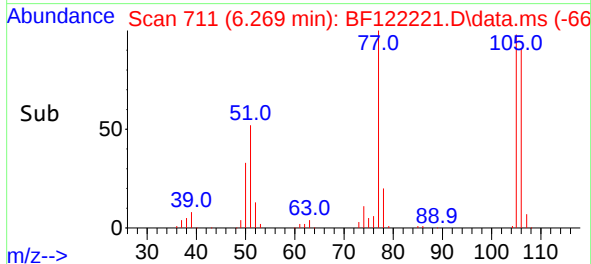
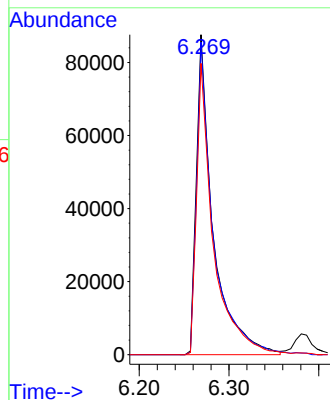
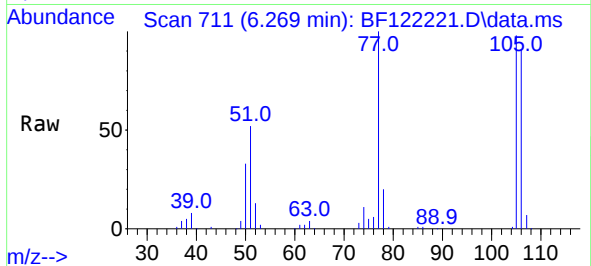
#9
Benzaldehyde
Concen: 21.20 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Tgt Ion: 77 Resp: 113208
Ion Ratio Lower Upper
77 100
105 97.7 76.7 116.7
106 91.0 71.3 111.3

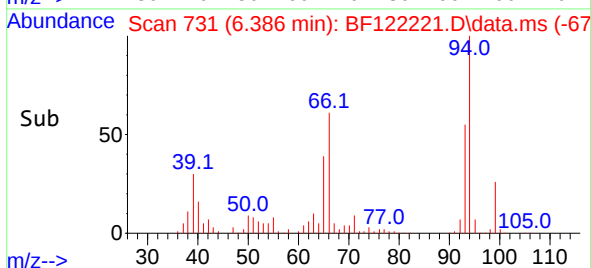
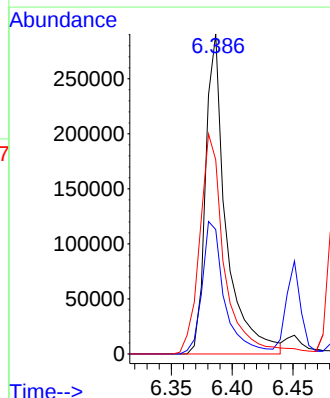
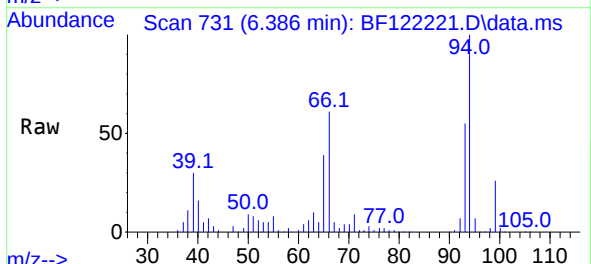
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#10
Phenol
Concen: 39.98 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

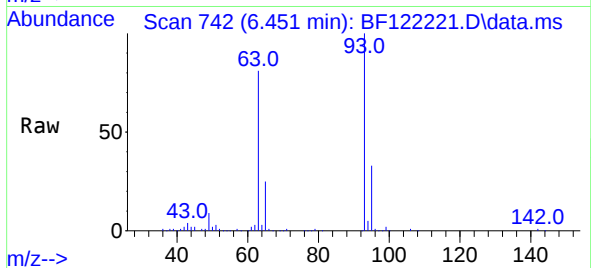
Tgt Ion: 94 Resp: 339289
Ion Ratio Lower Upper
94 100
65 38.9 17.1 57.1
66 60.7 36.0 76.0





#11
bis(2-Chloroethyl)ether
Concen: 40.58 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

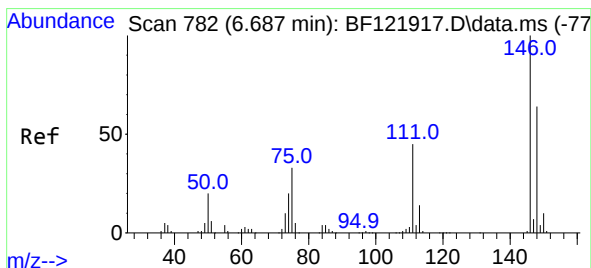
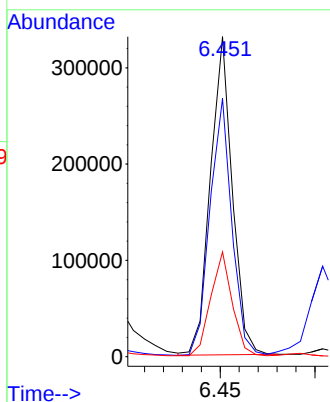
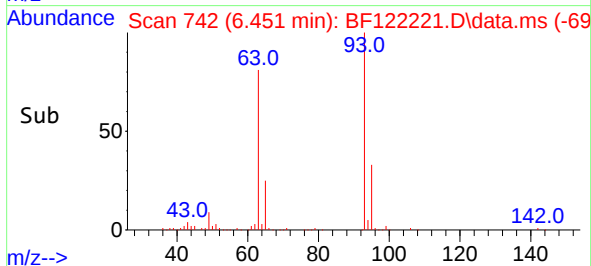


Tgt Ion: 93 Resp: 266229

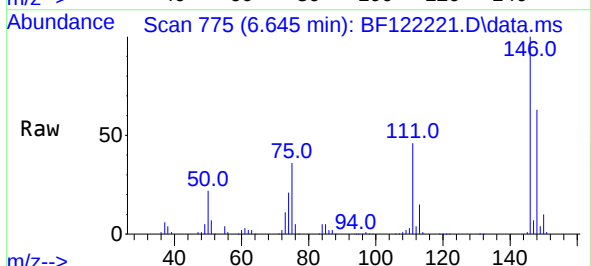
Ion	Ratio	Lower	Upper
93	100		
63	80.7	62.4	102.4
95	32.8	12.6	52.6

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM

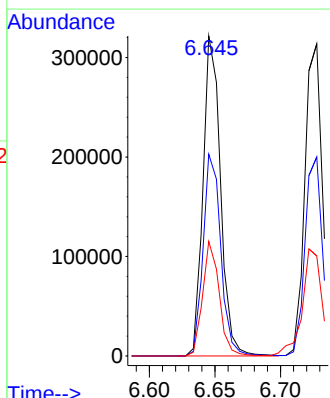
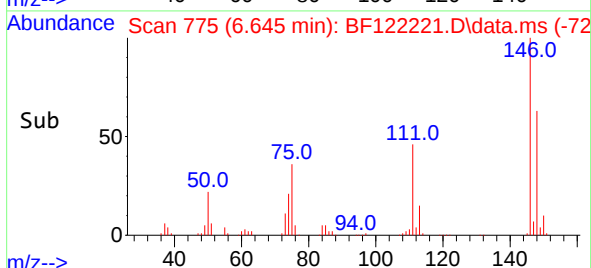


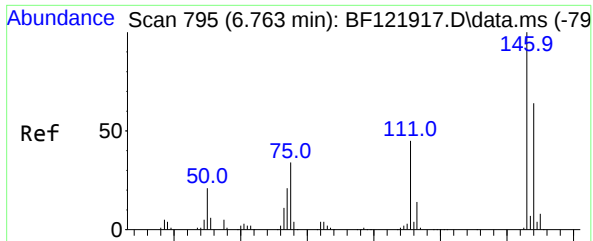
#12
1,3-Dichlorobenzene
Concen: 41.24 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



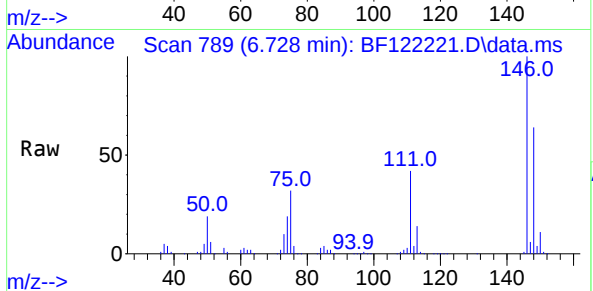
Tgt Ion: 146 Resp: 299519

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
75	35.8	27.6	41.4

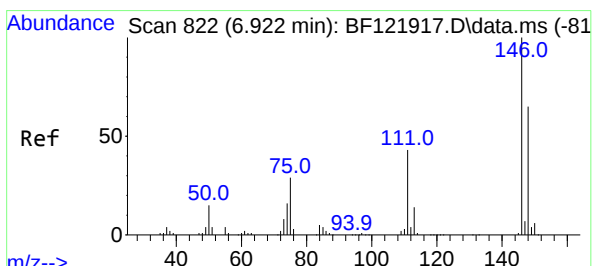
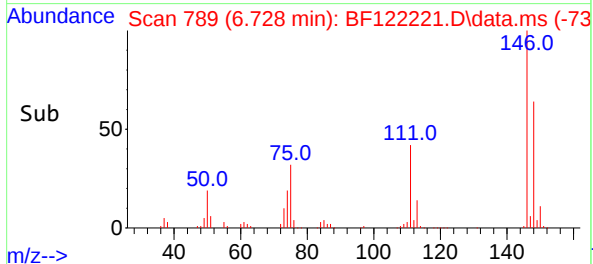
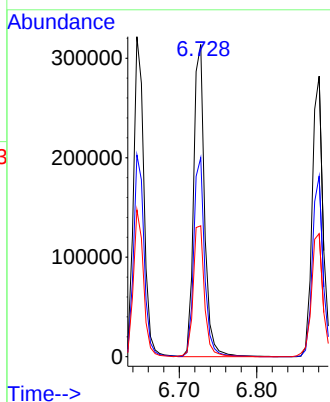




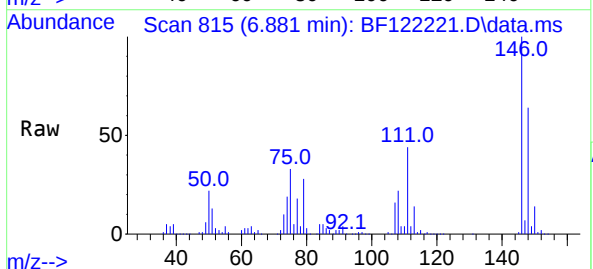
#13
1,4-Dichlorobenzene
Concen: 42.14 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



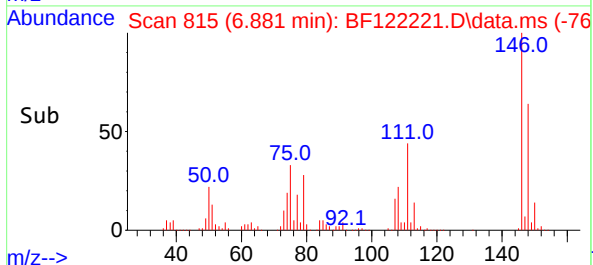
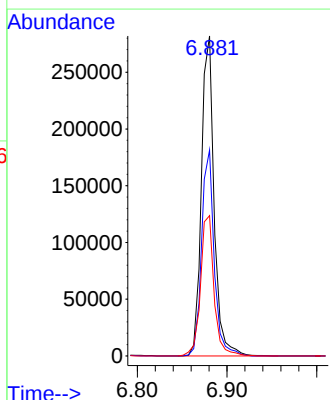
Tgt Ion:146 Resp: 307282
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 41.9 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 41.62 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:146 Resp: 277413
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 43.9 34.2 51.4



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

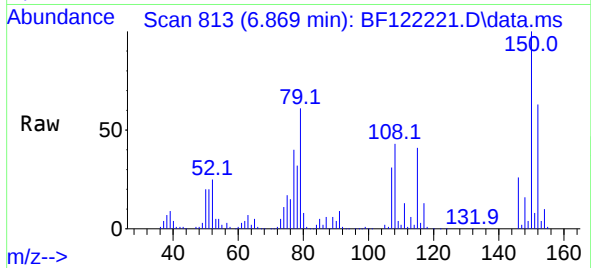
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#15
Benzyl Alcohol
Concen: 44.68 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

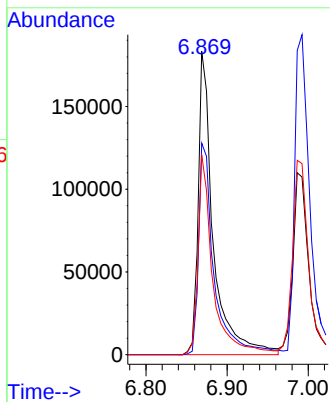
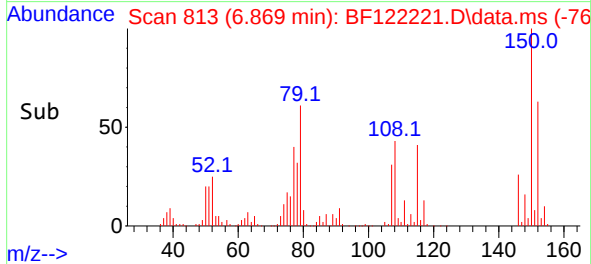
Instrument :
BNA_F
ClientSampleID :
PB132734BSD



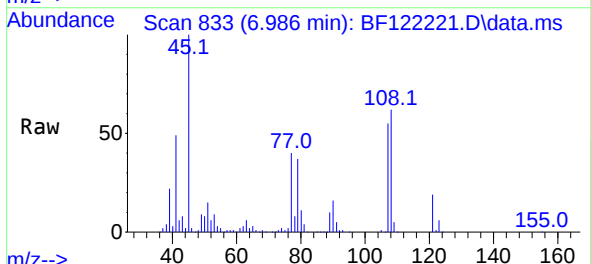
Tgt Ion: 79 Resp: 237640
Ion Ratio Lower Upper
79 100
108 69.7 62.3 93.5
77 65.9 50.6 75.8

Manual Integrations
APPROVED

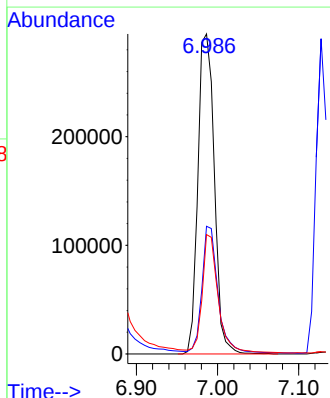
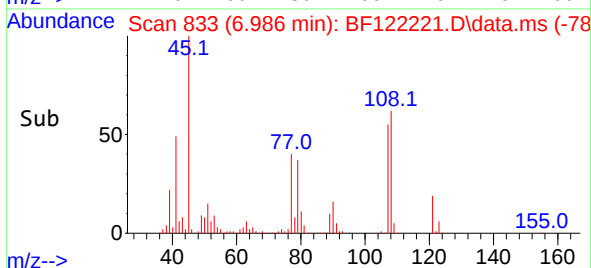
mohammad
11/3/2020 10:01:57 AM

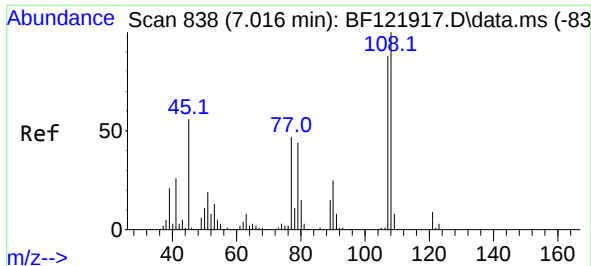


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.02 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion: 45 Resp: 414201
Ion Ratio Lower Upper
45 100
77 39.9 0.0 33.3#
79 37.3 0.0 30.4#





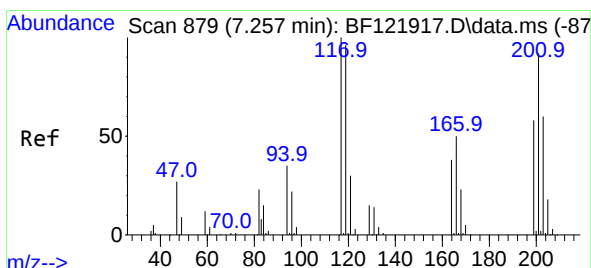
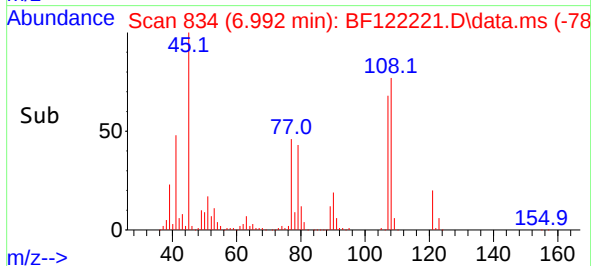
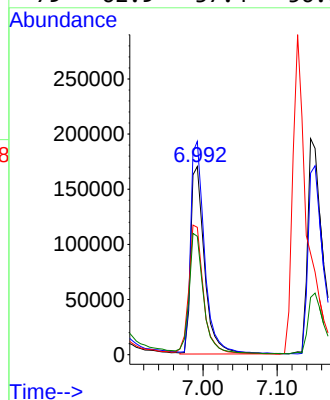
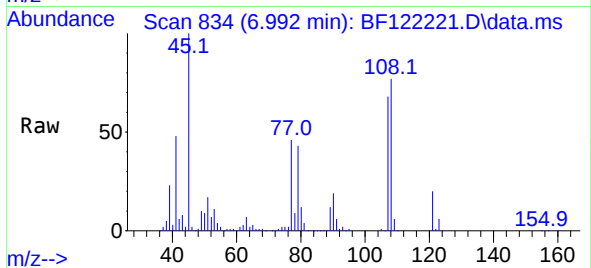
#17
2-Methylphenol
Concen: 40.12 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:107 Resp: 221473
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 67.7 37.5 56.3#
79 62.9 37.4 56.0#

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

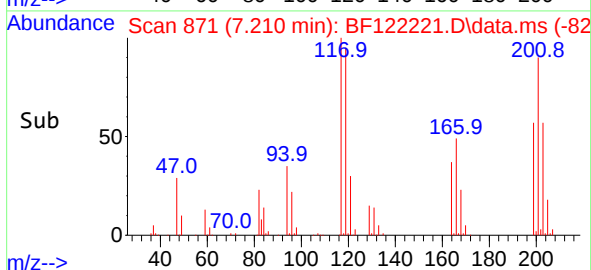
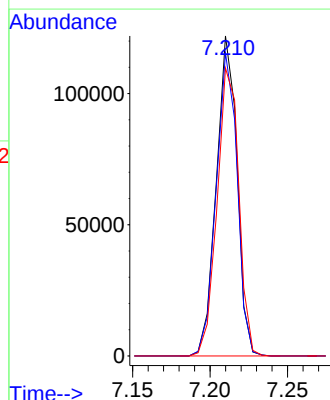
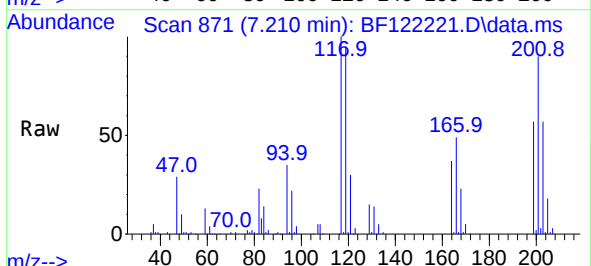
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



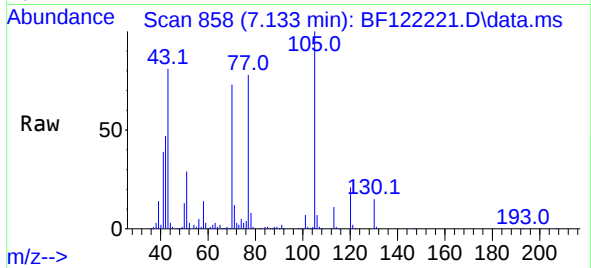
#18
Hexachloroethane
Concen: 43.11 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:117 Resp: 113540
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
201 89.9 71.8 107.6

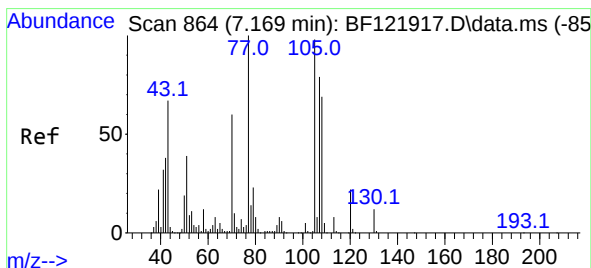
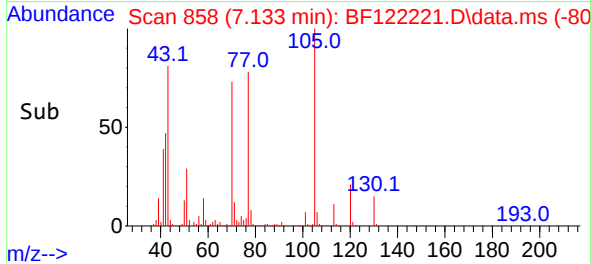
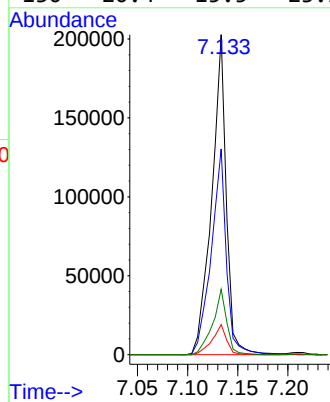




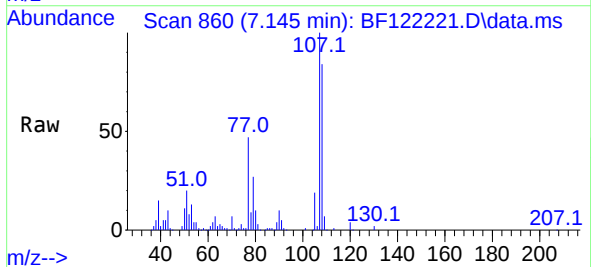
#19
n-Nitroso-di-n-propylamine
Concen: 43.87 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



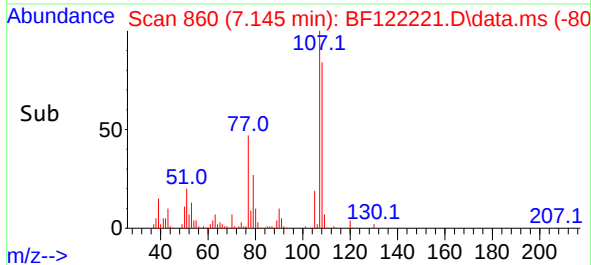
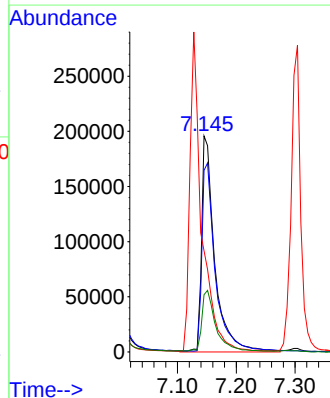
Tgt Ion: 70 Resp: 205415
Ion Ratio Lower Upper
70 100
42 64.3 50.2 75.4
101 9.4 7.5 11.3
130 20.4 15.5 23.3



#20
3+4-Methylphenols
Concen: 46.11 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



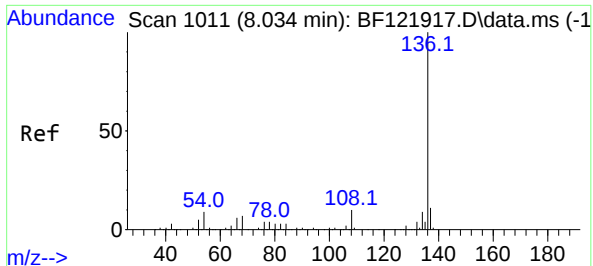
Tgt Ion: 107 Resp: 306988
Ion Ratio Lower Upper
107 100
108 84.1 68.9 108.9
77 46.8 108.0 148.0#
79 26.6 10.5 50.5



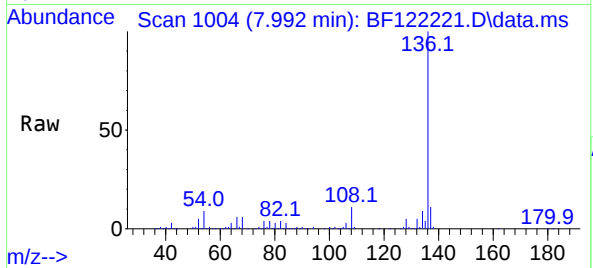
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

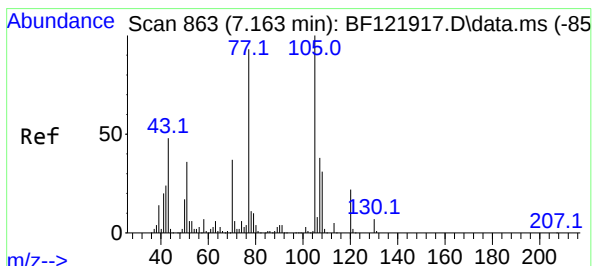
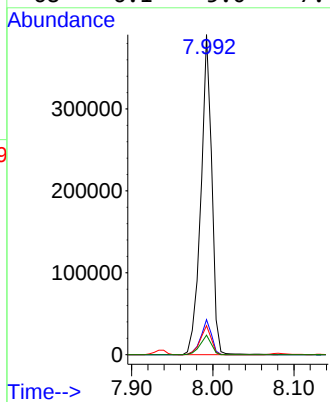
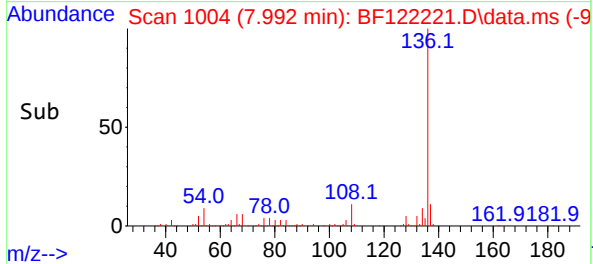
mohammad
11/3/2020 10:01:57 AM



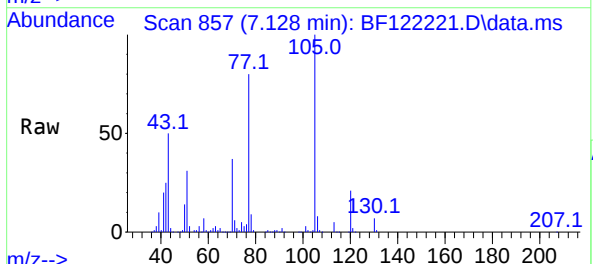
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



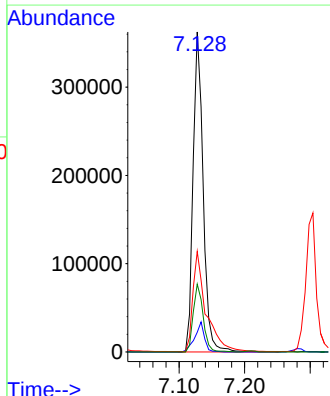
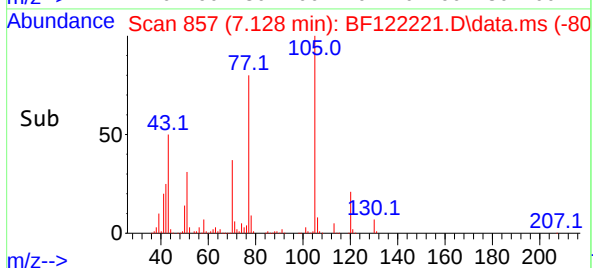
Tgt Ion:136 Resp: 363709
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.1 10.7
68 6.1 5.0 7.4



#22
Acetophenone
Concen: 41.48 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



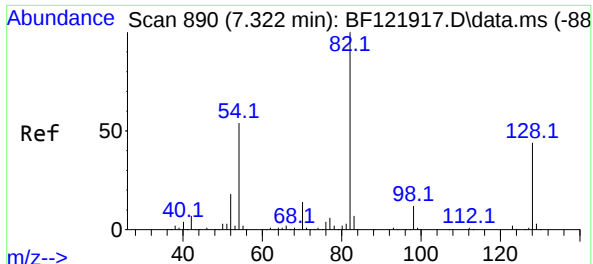
Tgt Ion:105 Resp: 388161
Ion Ratio Lower Upper
105 100
71 6.2 5.3 7.9
51 31.4 33.2 49.8#
120 21.2 17.4 26.0



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



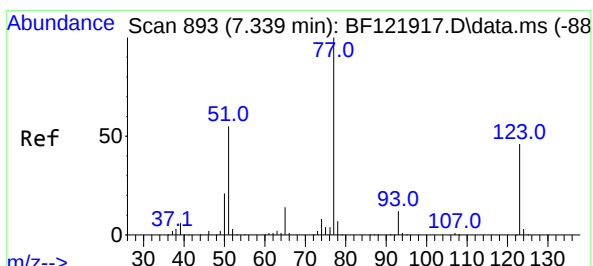
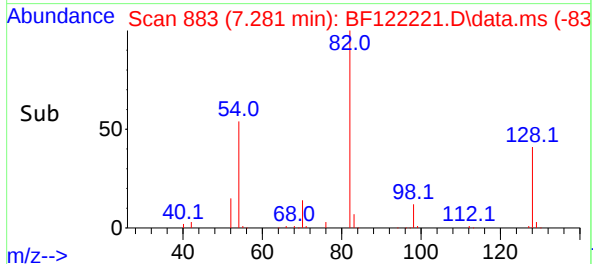
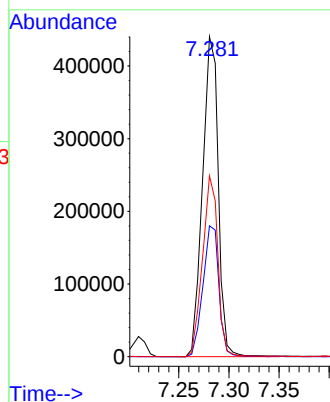
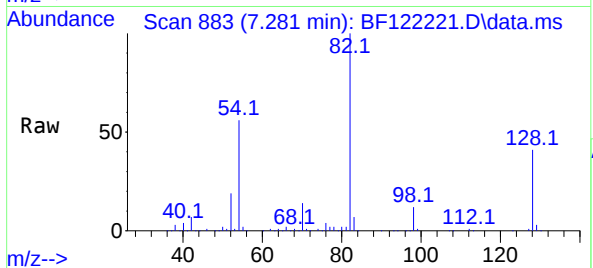
#23
Nitrobenzene-d5
Concen: 68.06 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 82 Resp: 482700
Ion Ratio Lower Upper
82 100
128 40.9 35.0 52.4
54 56.5 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

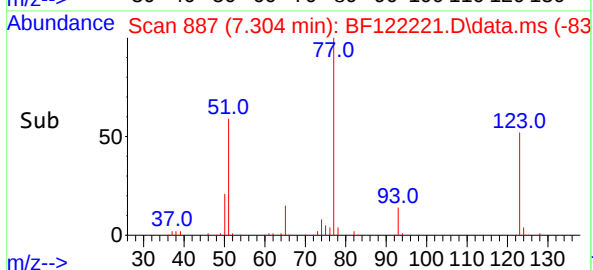
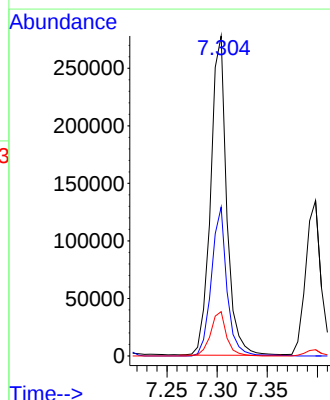
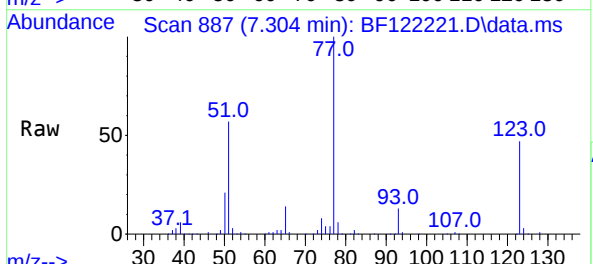
Manual Integrations
APPROVED

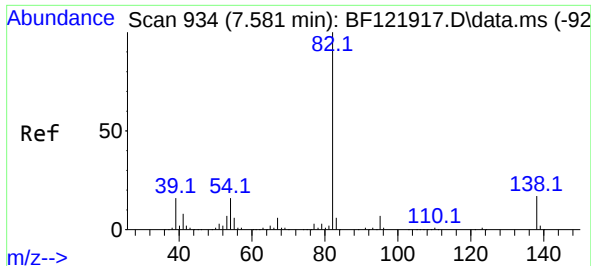
mohammad
11/3/2020 10:01:57 AM



#24
Nitrobenzene
Concen: 41.02 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 77 Resp: 310960
Ion Ratio Lower Upper
77 100
123 46.5 35.6 53.4
65 13.8 11.2 16.8





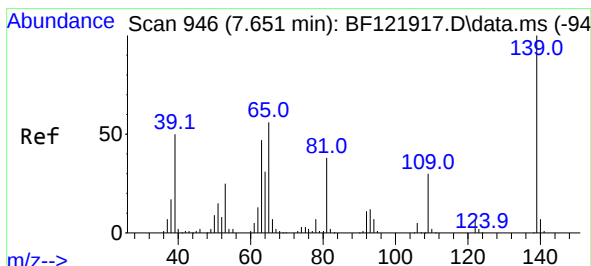
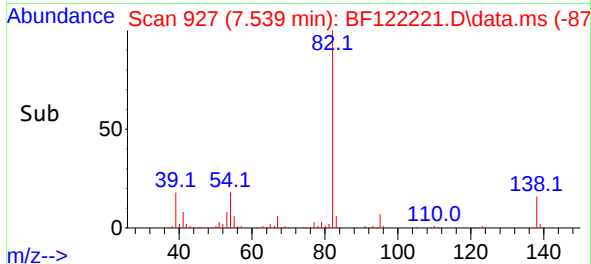
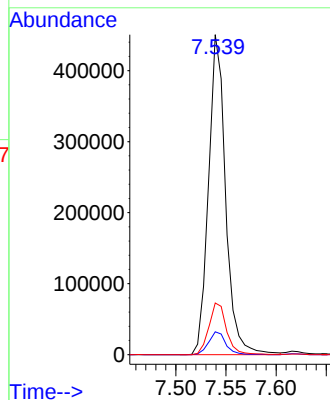
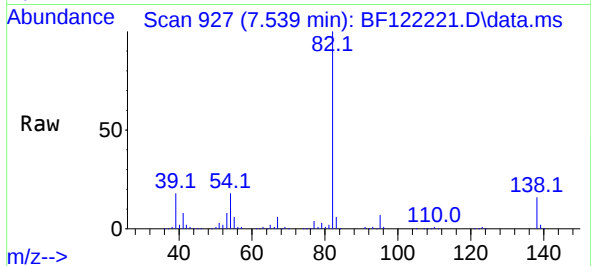
#25
Isophorone
Concen: 40.02 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 82 Resp: 536676
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 16.2 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

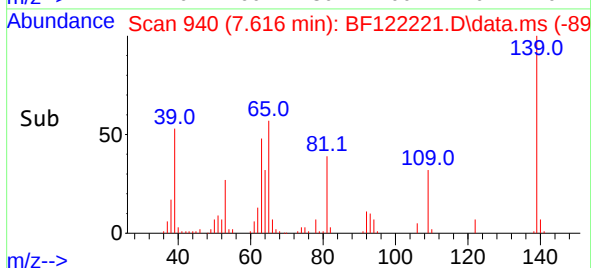
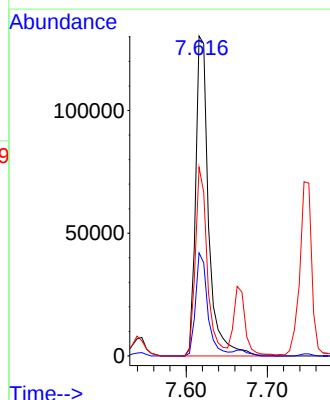
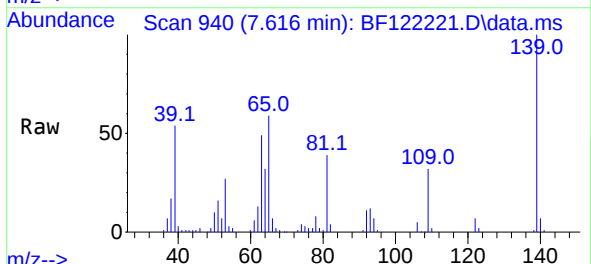
Manual Integrations
APPROVED

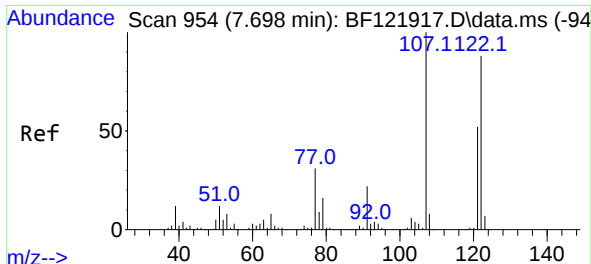
mohammad
11/3/2020 10:01:57 AM



#26
2-Nitrophenol
Concen: 41.88 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:139 Resp: 146188
Ion Ratio Lower Upper
139 100
109 32.2 23.0 34.4
65 58.9 39.9 59.9





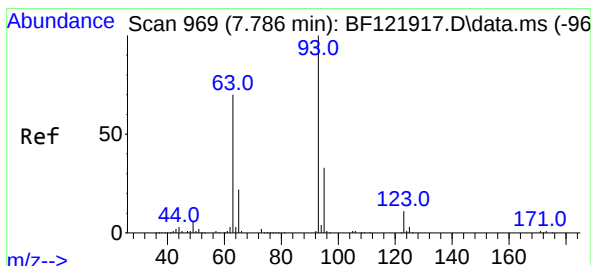
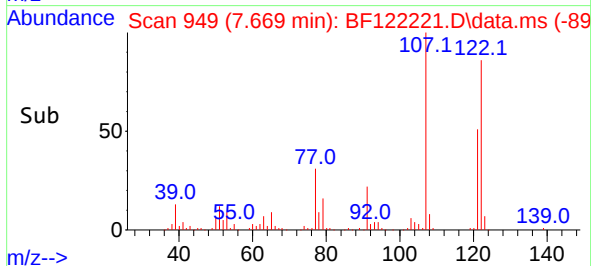
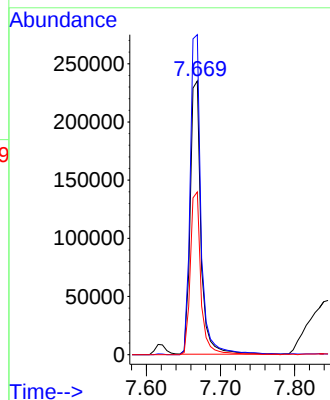
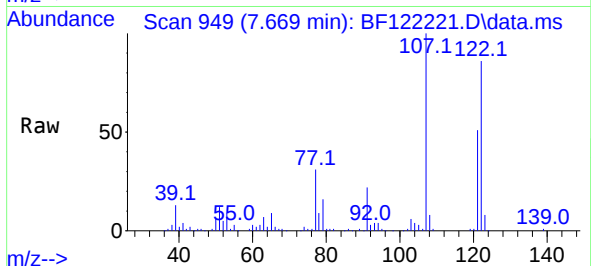
#27
2,4-Dimethylphenol
Concen: 39.81 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:122 Resp: 236888
Ion Ratio Lower Upper
122 100
107 116.9 90.8 136.2
121 59.5 47.5 71.3

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

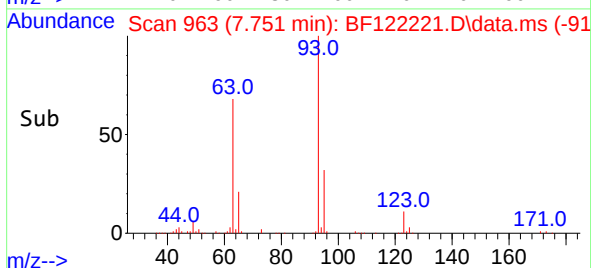
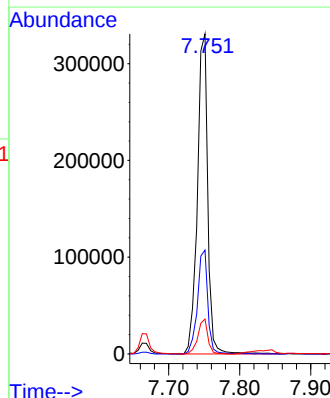
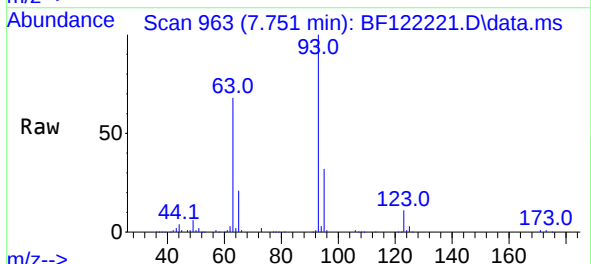
Manual Integrations
APPROVED

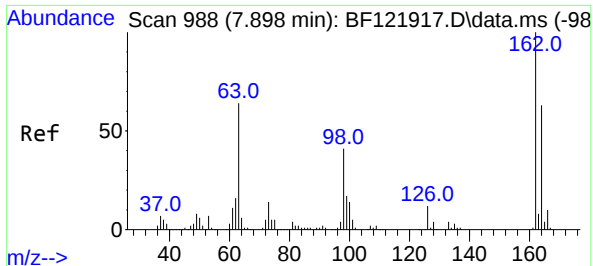
mohammad
11/3/2020 10:01:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.16 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

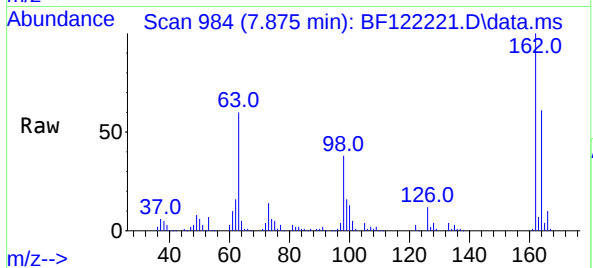
Tgt Ion: 93 Resp: 336922
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 10.9 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 41.63 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

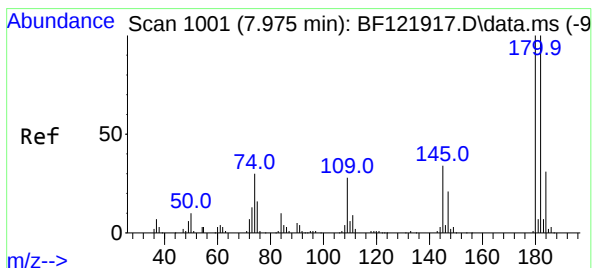
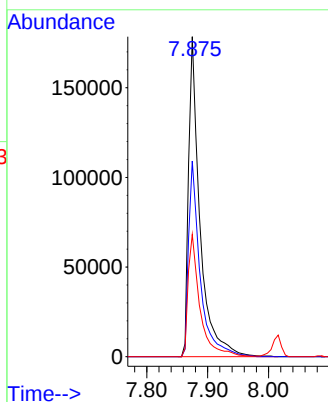
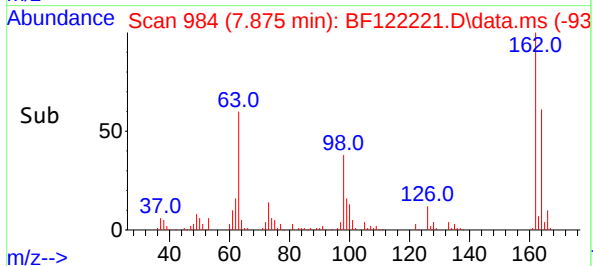
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



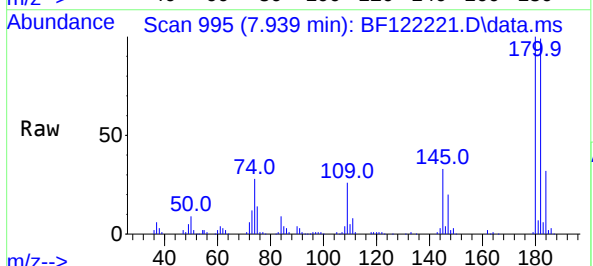
Tgt Ion:162 Resp: 232007
Ion Ratio Lower Upper
162 100
164 61.2 42.5 82.5
98 38.2 20.1 60.1

Manual Integrations
APPROVED

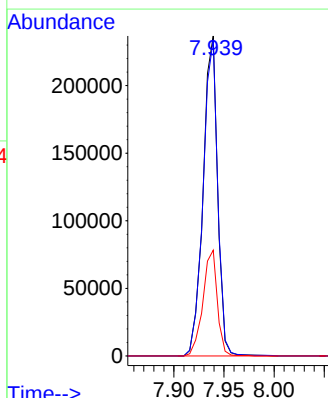
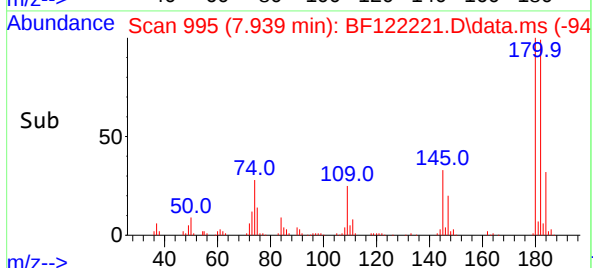
mohammad
11/3/2020 10:01:57 AM

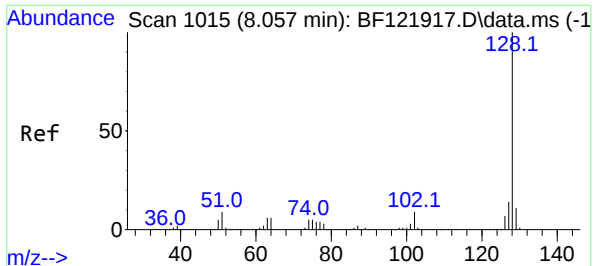


#30
1,2,4-Trichlorobenzene
Concen: 40.31 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:180 Resp: 238873
Ion Ratio Lower Upper
180 100
182 98.8 79.4 119.2
145 33.1 25.5 38.3





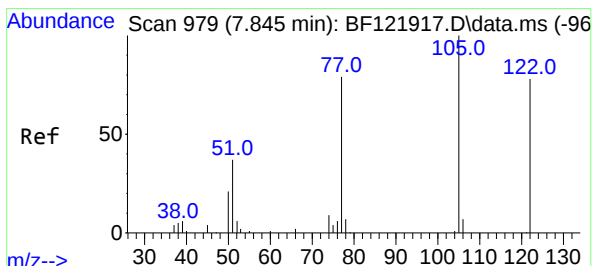
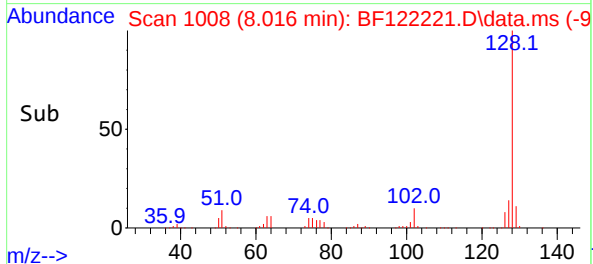
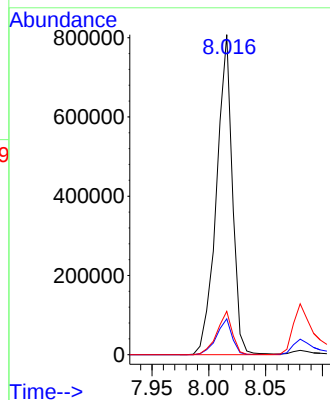
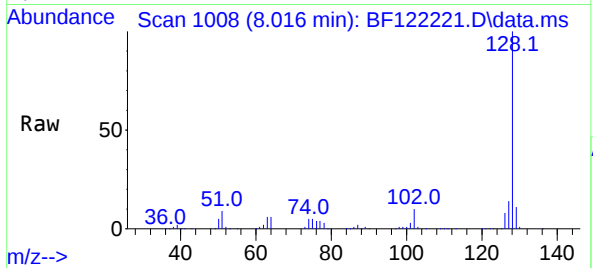
#31
Naphthalene
Concen: 40.34 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:128 Resp: 786024
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.6 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

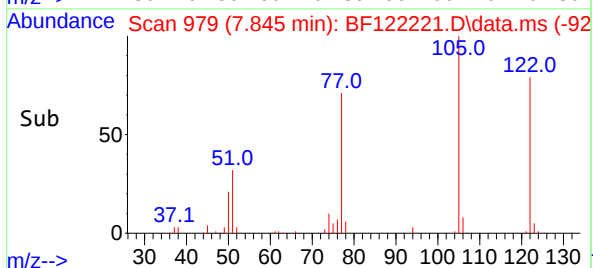
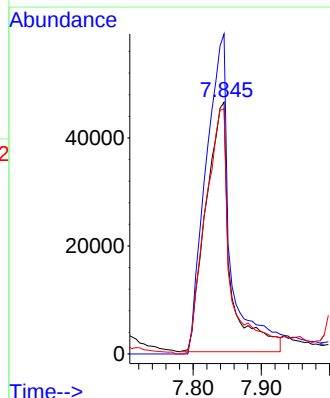
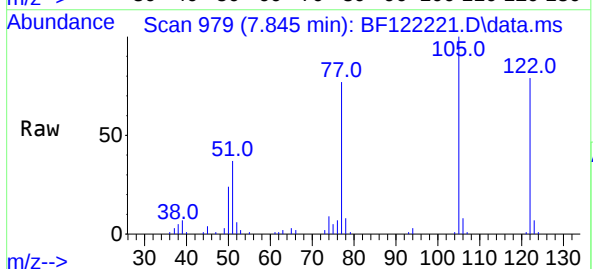
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#32
Benzoic acid
Concen: 36.40 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:122 Resp: 116292
Ion Ratio Lower Upper
122 100
105 127.1 103.3 143.3
77 97.5 73.9 113.9





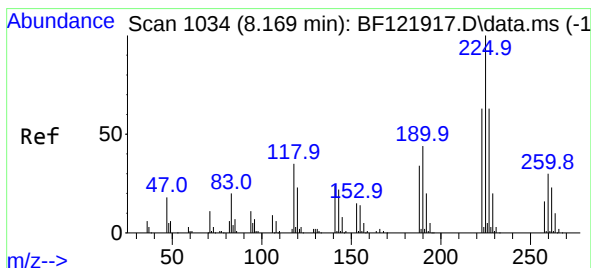
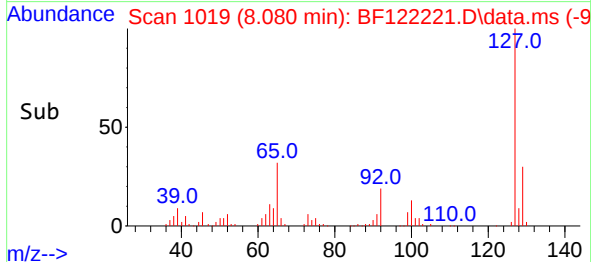
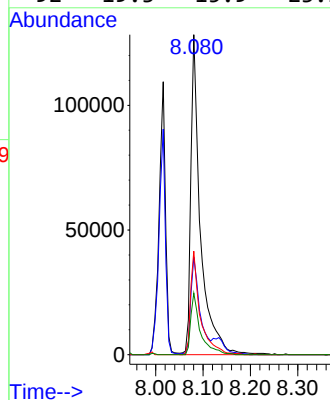
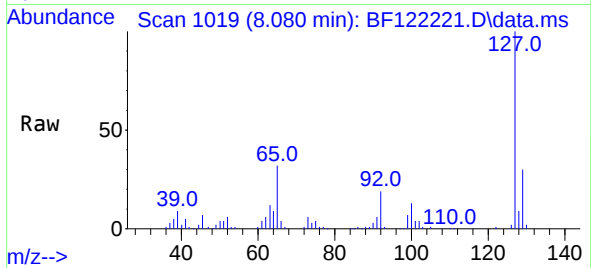
#33
4-Chloroaniline
Concen: 22.02 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:	127	Resp:	182749
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.3	39.5
65	32.3	26.2	39.2
92	19.3	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

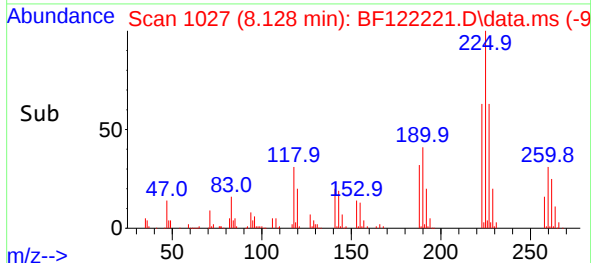
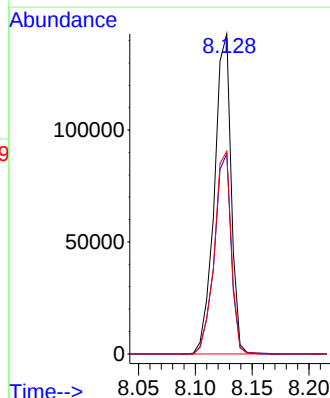
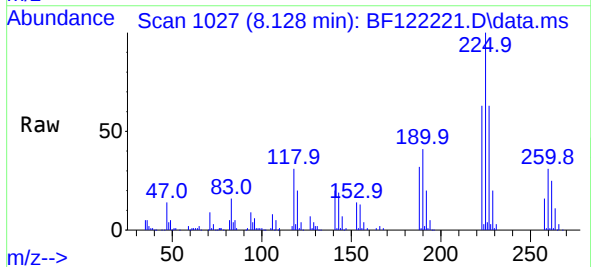
Manual Integrations
APPROVED

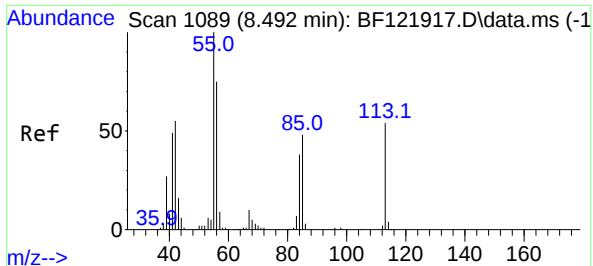
mohammad
11/3/2020 10:01:57 AM



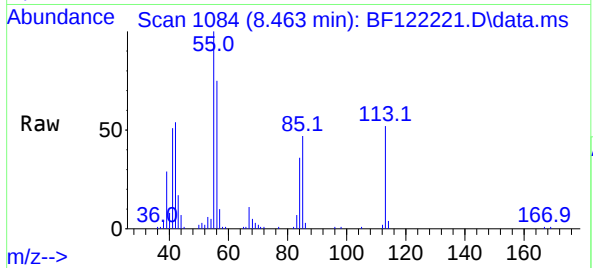
#34
Hexachlorobutadiene
Concen: 41.74 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:	225	Resp:	146643
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.3	51.0	76.6

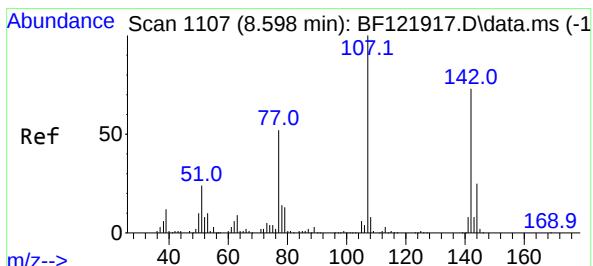
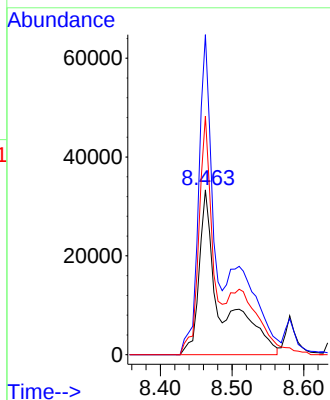
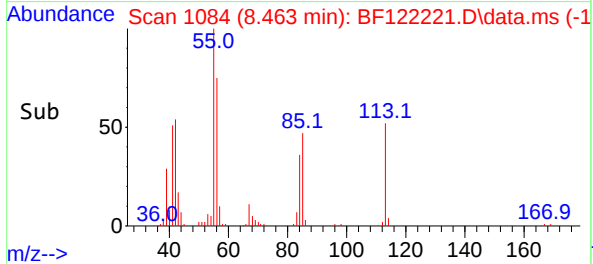




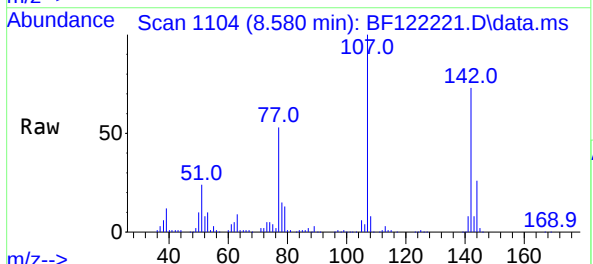
#35
Caprolactam
Concen: 40.64 ng m
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



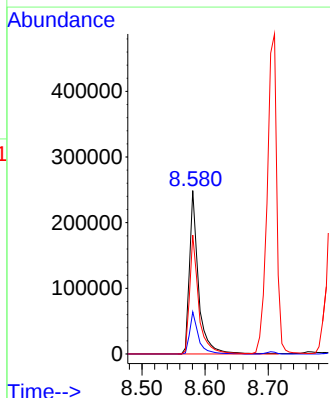
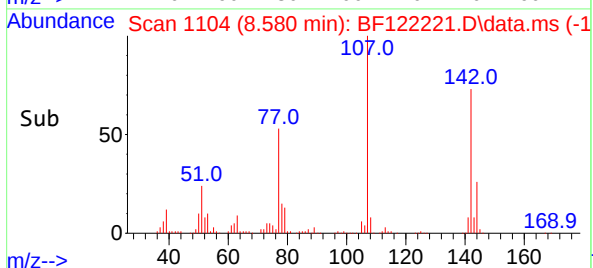
Tgt Ion:113 Resp: 71927
Ion Ratio Lower Upper
113 100
55 194.2 167.5 207.5
56 144.8 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 41.52 ng
RT: 8.580 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:107 Resp: 248519
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 72.8 59.3 88.9



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

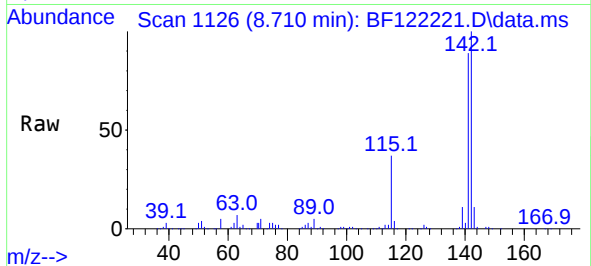
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

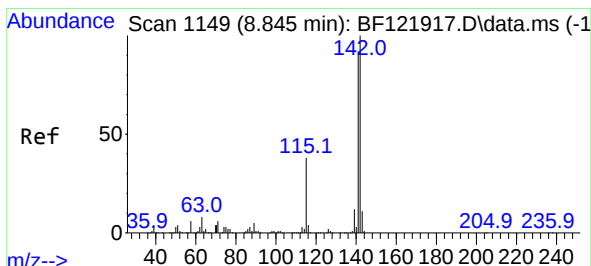
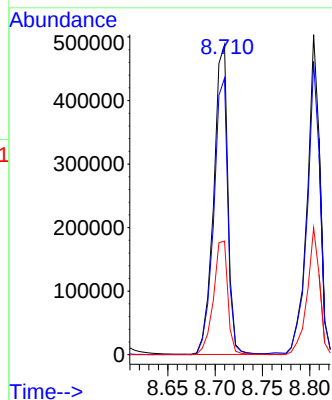
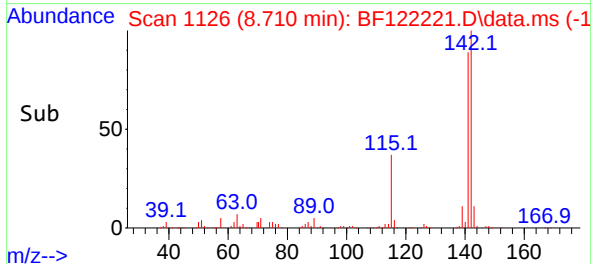
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



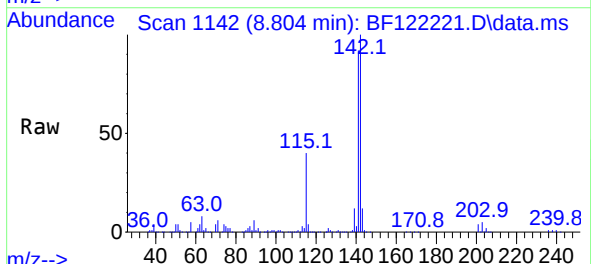
Tgt Ion:142 Resp: 507642
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4
115 36.7 28.6 43.0

Manual Integrations
APPROVED

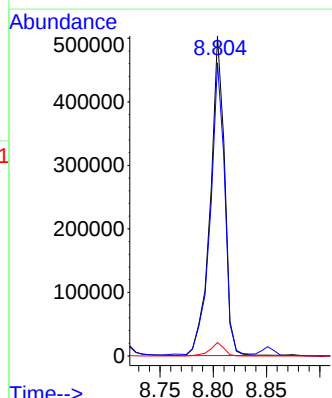
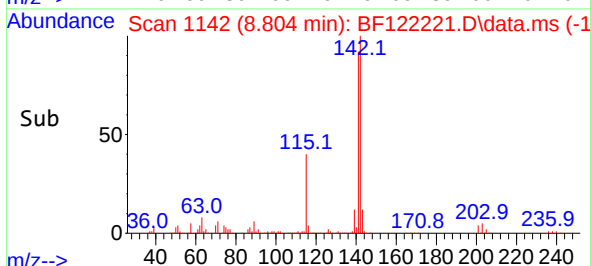
mohammad
11/3/2020 10:01:57 AM

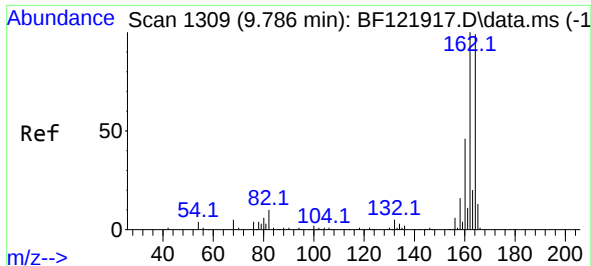


#38
1-Methylnaphthalene
Concen: 40.25 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:142 Resp: 470366
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7
116 4.2 3.2 4.8





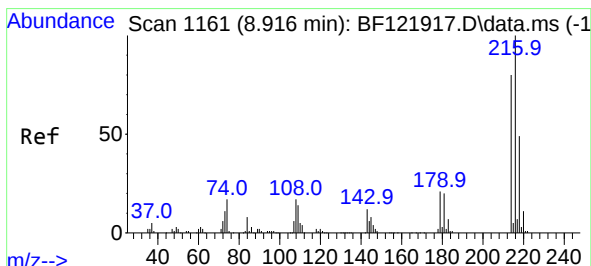
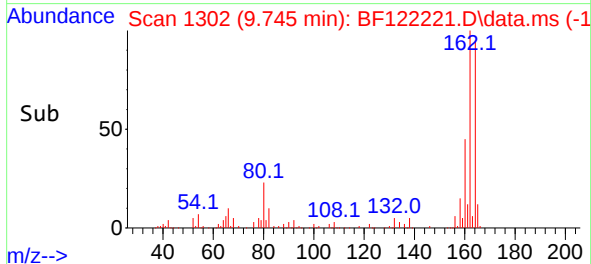
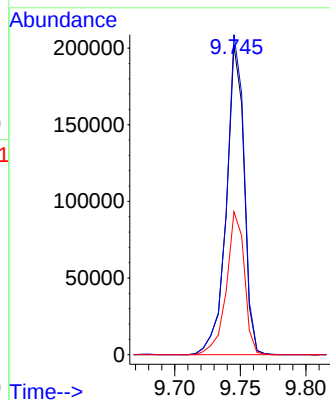
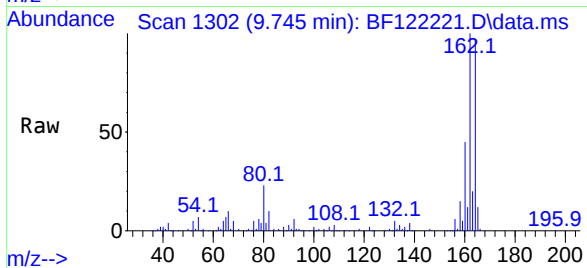
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:164 Resp: 188867
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 46.2 37.5 56.3

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

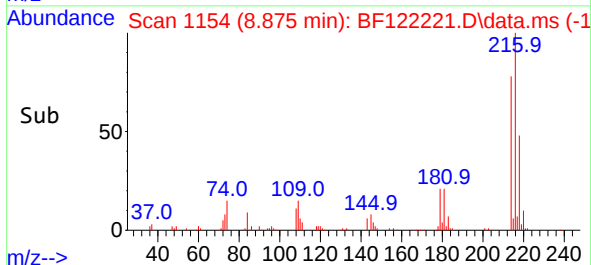
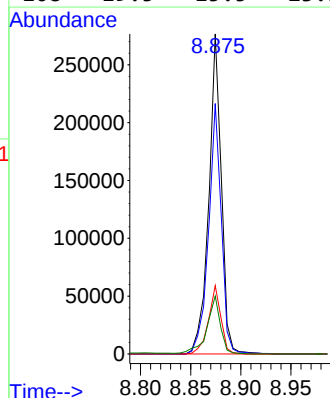
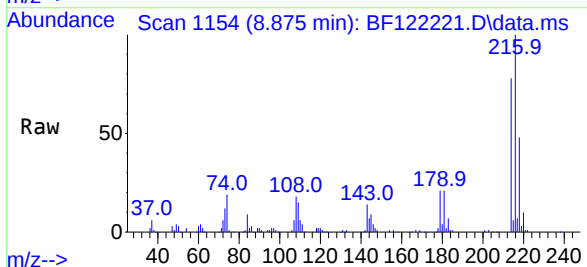
Manual Integrations
APPROVED

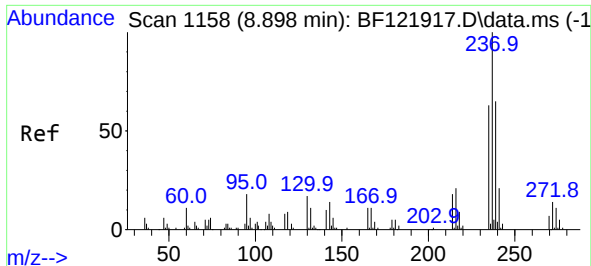
mohammad
11/3/2020 10:01:57 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.65 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:216 Resp: 241718
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 21.3 17.0 25.6
108 19.5 15.5 23.3





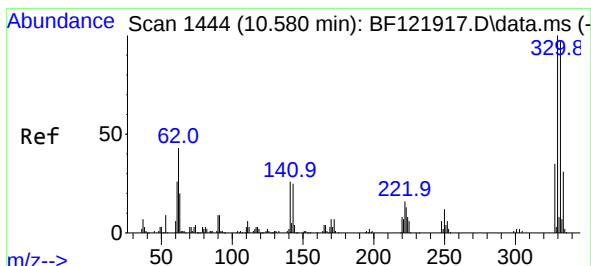
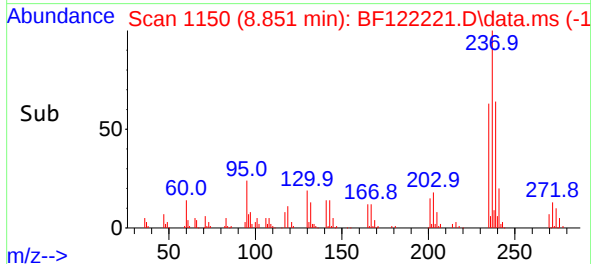
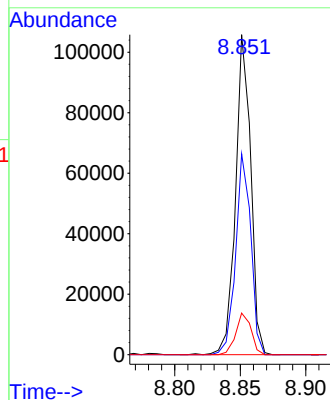
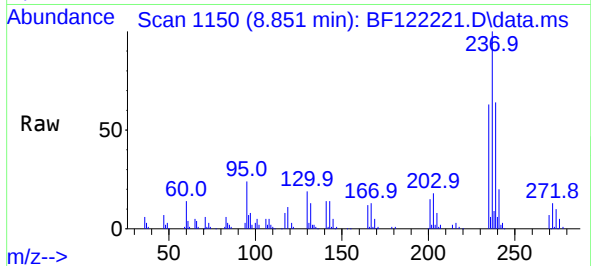
#41
Hexachlorocyclopentadiene
Concen: 55.22 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 237 Resp: 85214
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.0 0.0 33.5

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

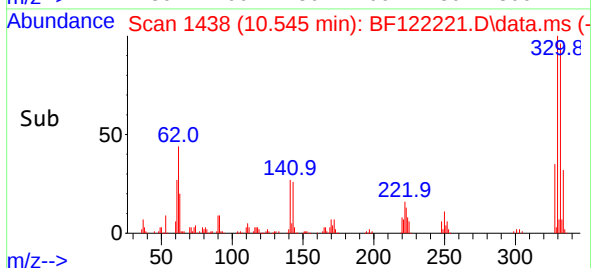
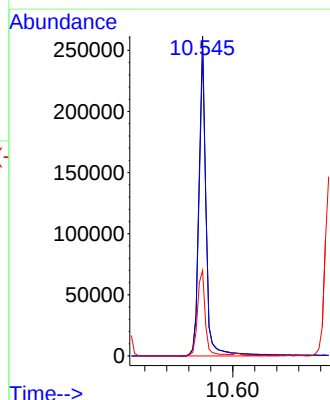
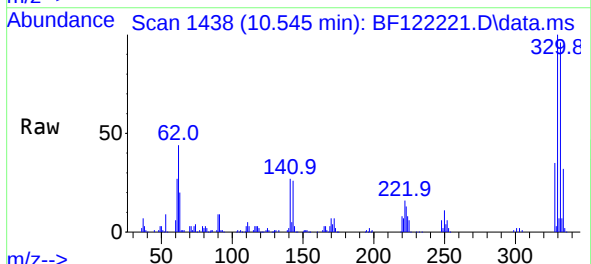
Manual Integrations
APPROVED

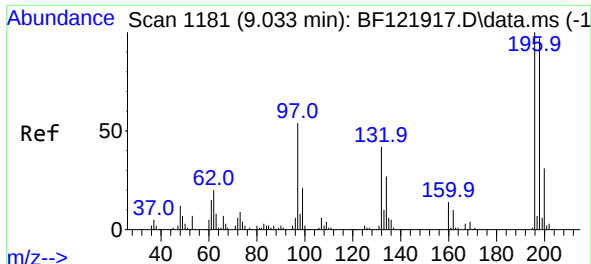
mohammad
11/3/2020 10:01:57 AM



#42
2,4,6-Tribromophenol
Concen: 100.20 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

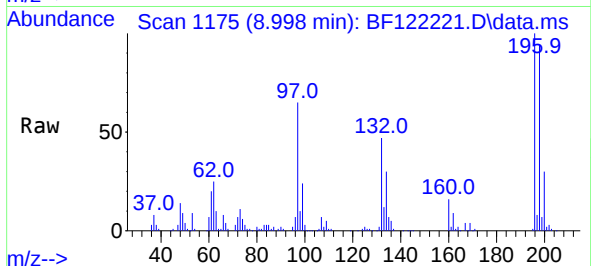
Tgt Ion: 330 Resp: 234090
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 29.5 22.3 33.5





#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

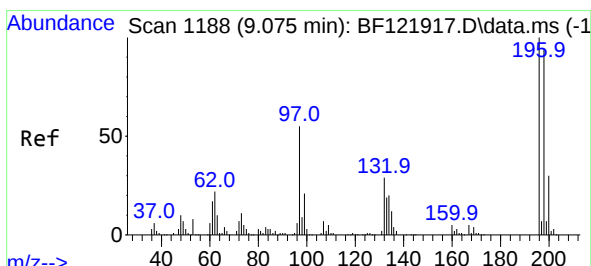
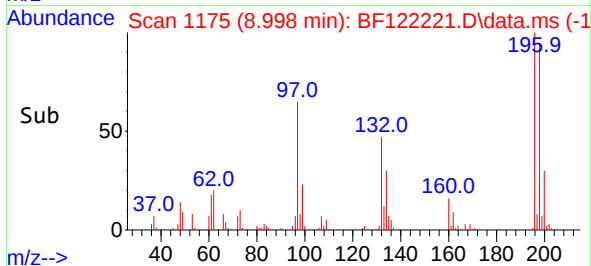
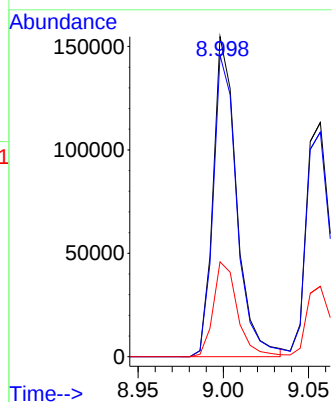
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



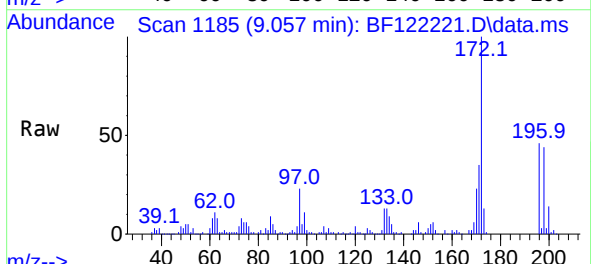
Tgt Ion:196 Resp: 148230
Ion Ratio Lower Upper
196 100
198 94.2 75.8 113.6
200 29.7 24.6 36.8

Manual Integrations
APPROVED

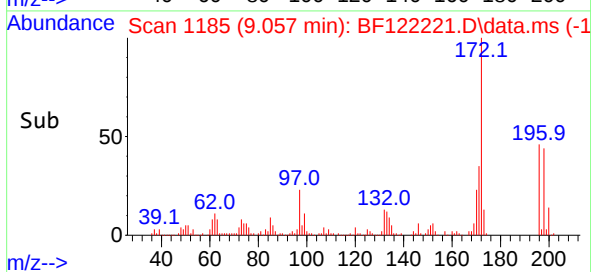
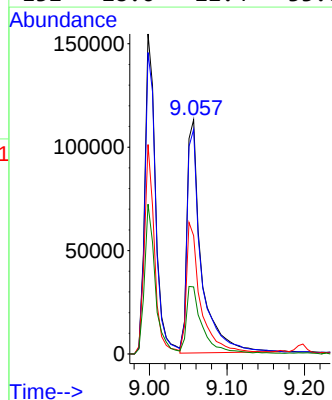
mohammad
11/3/2020 10:01:57 AM

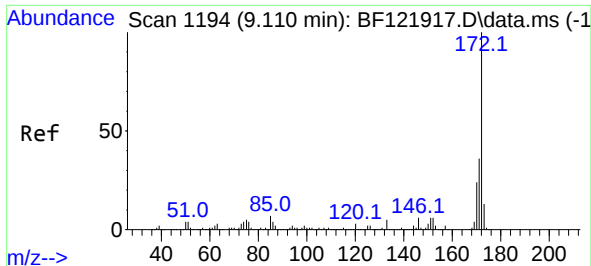


#44
2,4,5-Trichlorophenol
Concen: 35.71 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:196 Resp: 145038
Ion Ratio Lower Upper
196 100
198 95.9 76.1 114.1
97 50.5 41.0 61.6
132 28.6 22.4 33.6





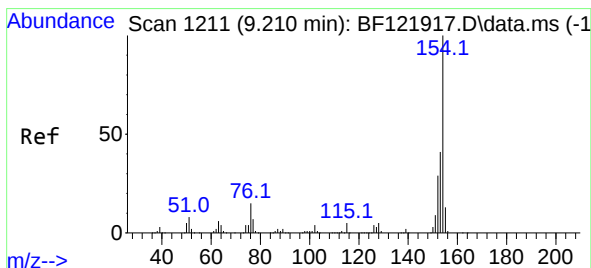
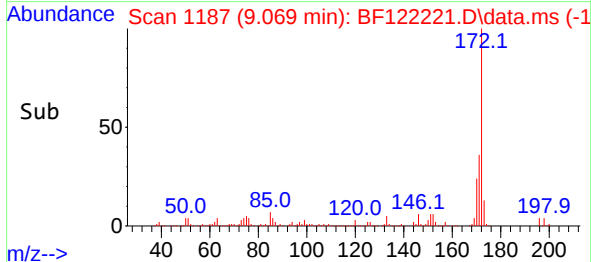
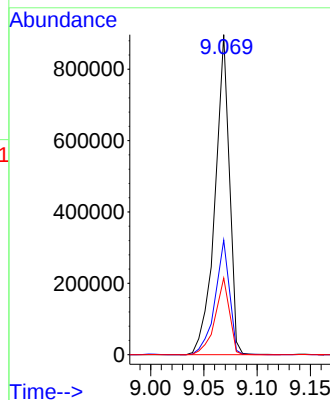
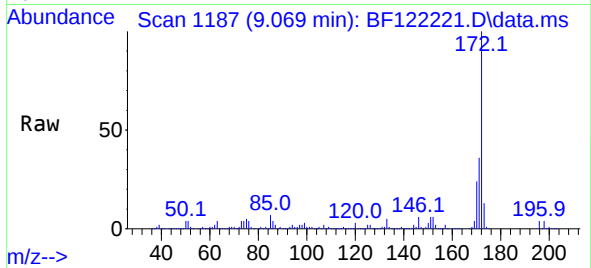
#45
2-Fluorobiphenyl
Concen: 65.74 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:172 Resp: 843862
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.0 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

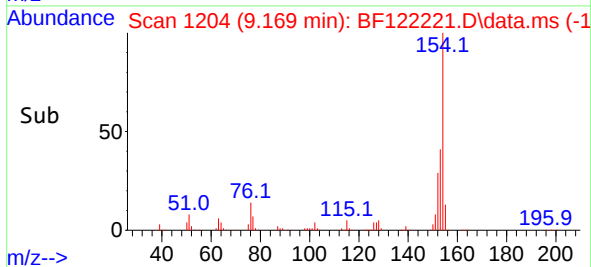
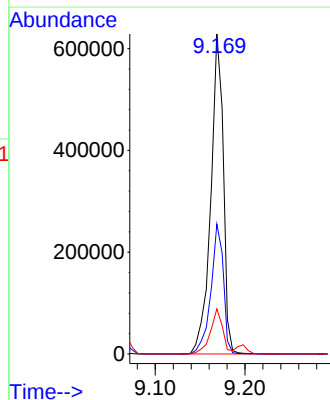
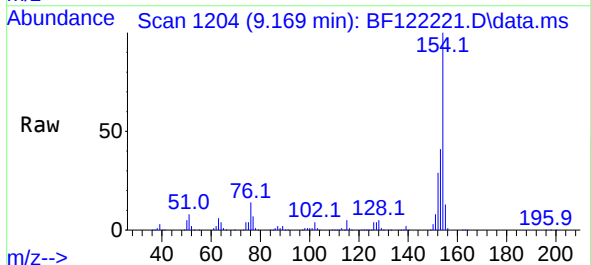
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#46
1,1'-Biphenyl
Concen: 39.85 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:154 Resp: 612009
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 14.1 0.0 34.7





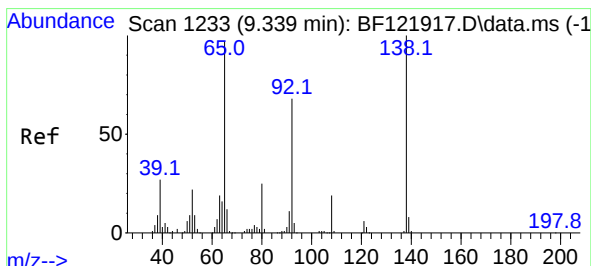
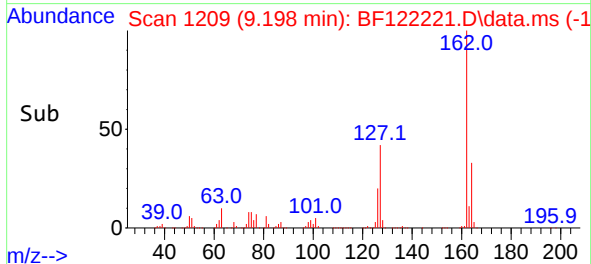
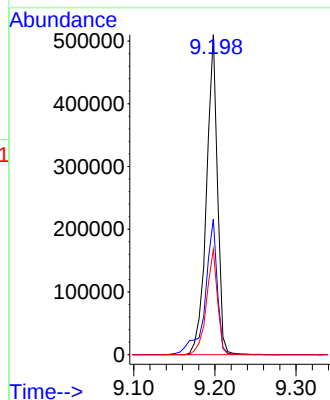
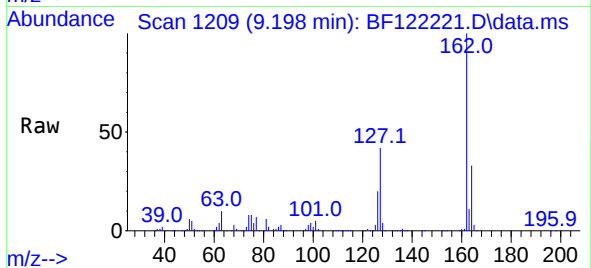
#47
2-Chloronaphthalene
Concen: 40.11 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:162 Resp: 479030
Ion Ratio Lower Upper
162 100
127 42.4 34.4 51.6
164 32.9 26.3 39.5

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

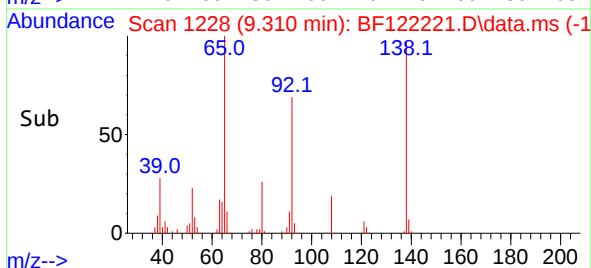
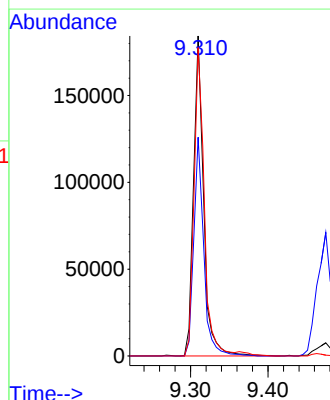
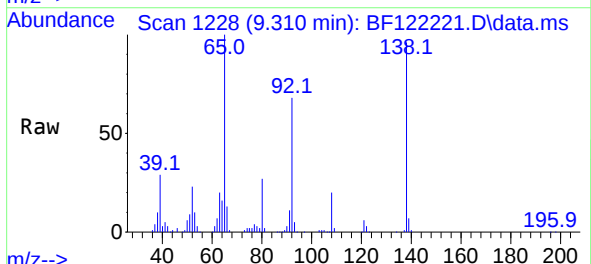
Manual Integrations
APPROVED

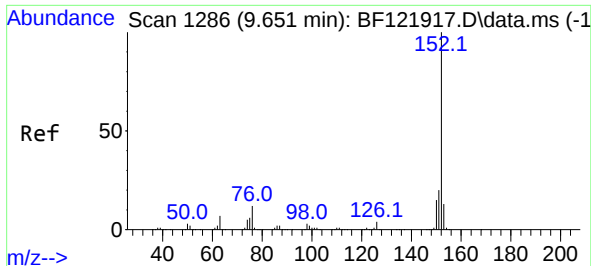
mohammad
11/3/2020 10:01:57 AM



#48
2-Nitroaniline
Concen: 42.38 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion: 65 Resp: 166940
Ion Ratio Lower Upper
65 100
92 68.4 55.1 82.7
138 96.4 80.5 120.7





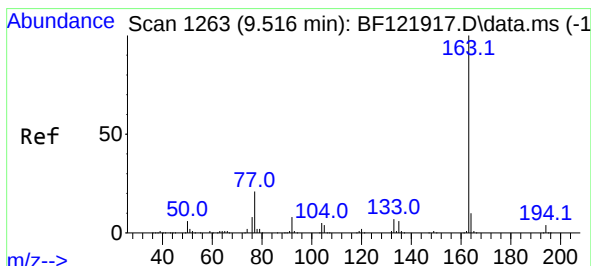
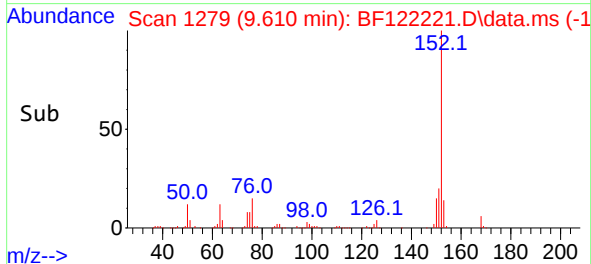
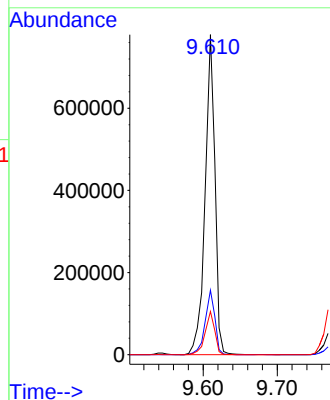
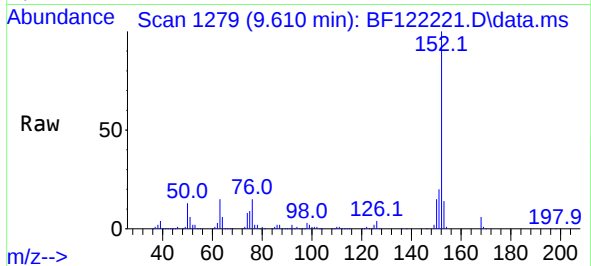
#49
Acenaphthylene
Concen: 39.34 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:152 Resp: 721622
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.5 10.6 15.8

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

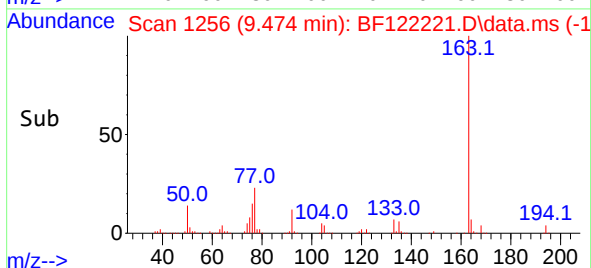
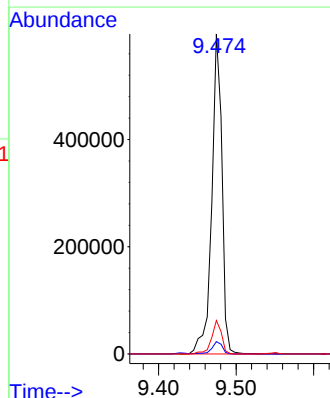
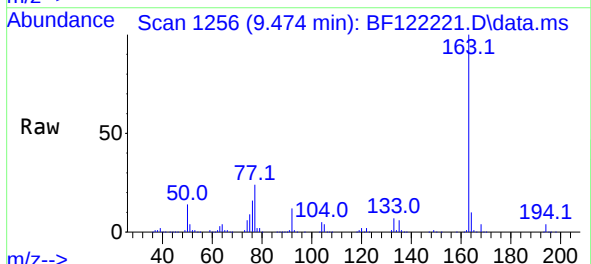
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



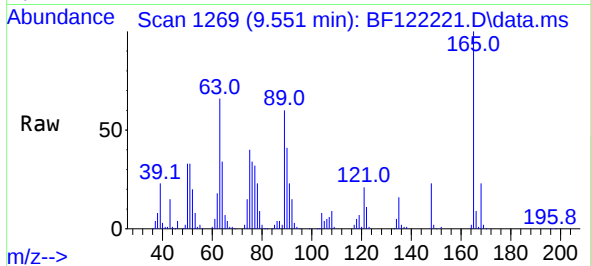
#50
Dimethylphthalate
Concen: 39.49 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:163 Resp: 545382
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.5 8.2 12.4

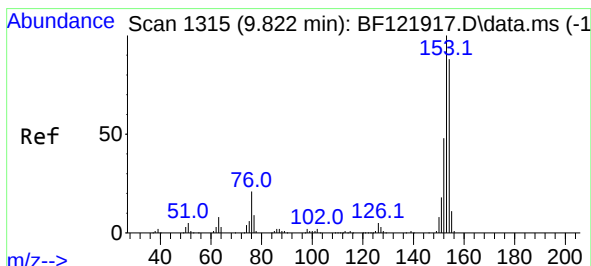
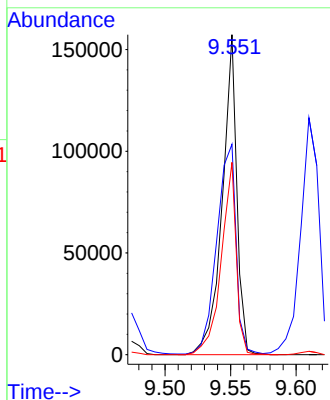
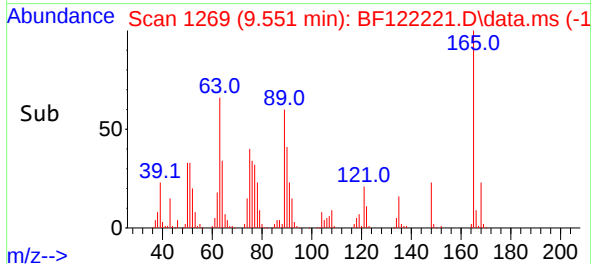




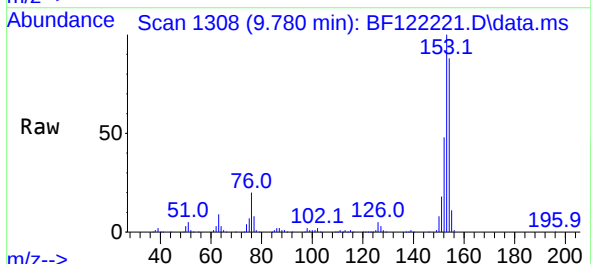
#51
2,6-Dinitrotoluene
Concen: 40.14 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



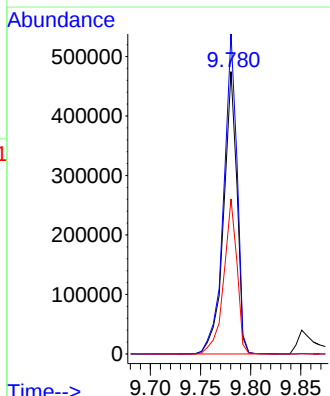
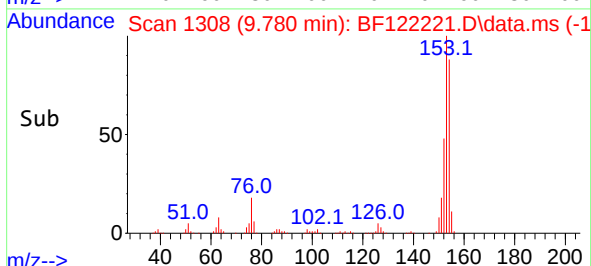
Tgt Ion:165 Resp: 121601
Ion Ratio Lower Upper
165 100
63 65.8 51.8 77.6
89 60.1 49.0 73.6



#52
Acenaphthene
Concen: 40.21 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



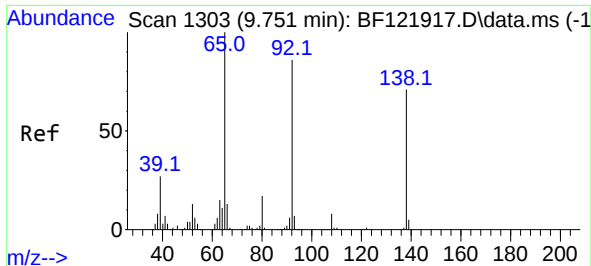
Tgt Ion:154 Resp: 438737
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.8
152 54.9 43.2 64.8



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



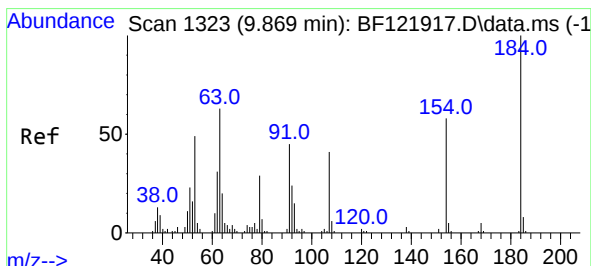
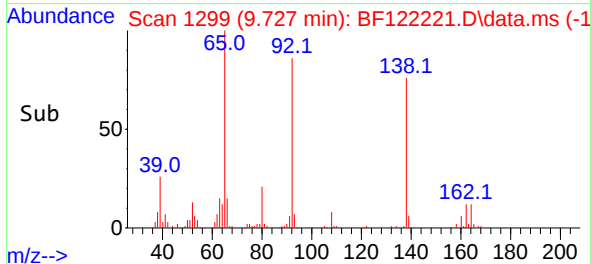
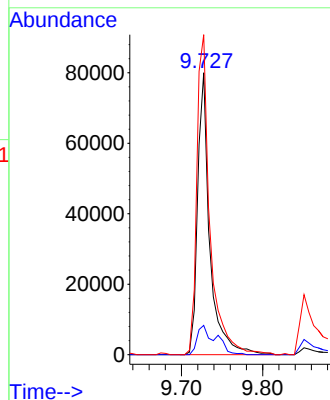
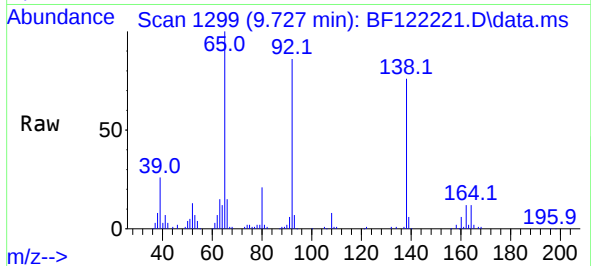
#53
3-Nitroaniline
Concen: 24.24 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:138 Resp: 83515
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 113.5 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

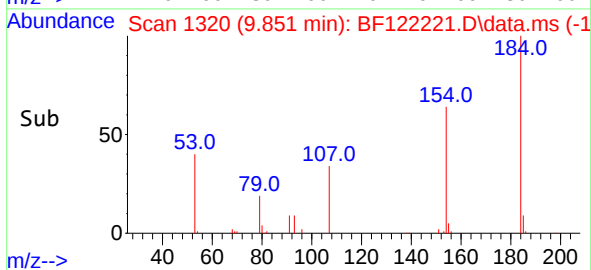
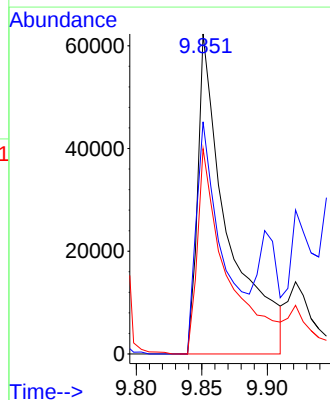
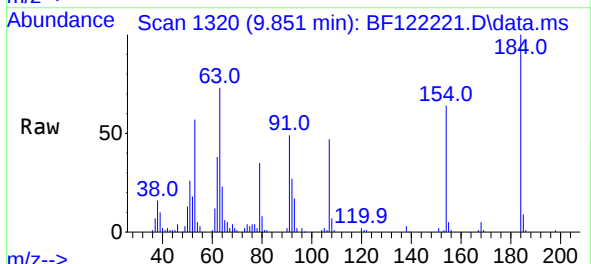
Manual Integrations
APPROVED

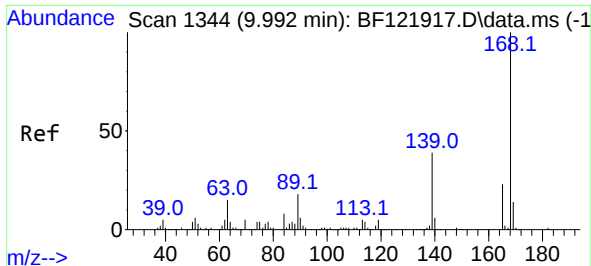
mohammad
11/3/2020 10:01:57 AM



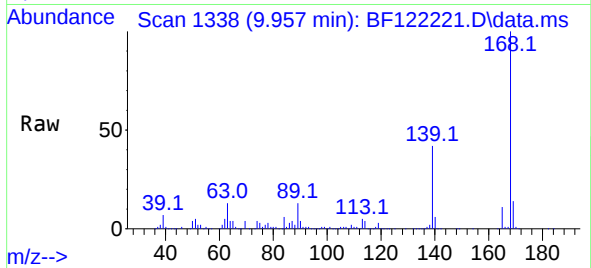
#54
2,4-Dinitrophenol
Concen: 65.59 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:184 Resp: 98680
Ion Ratio Lower Upper
184 100
63 72.5 45.9 68.9#
154 64.1 45.8 68.6

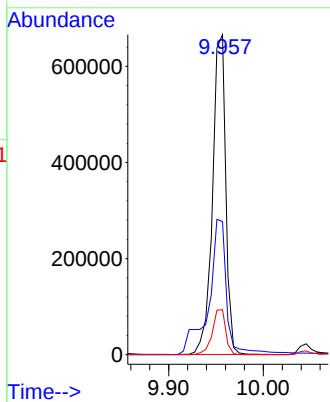
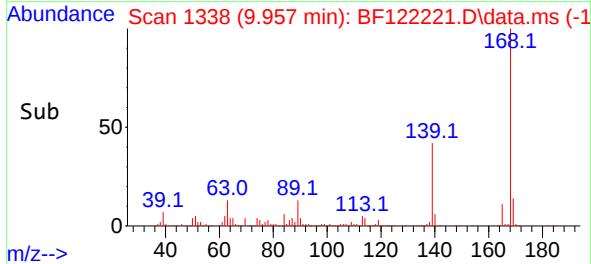




#55
Dibenzenofuran
Concen: 40.62 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



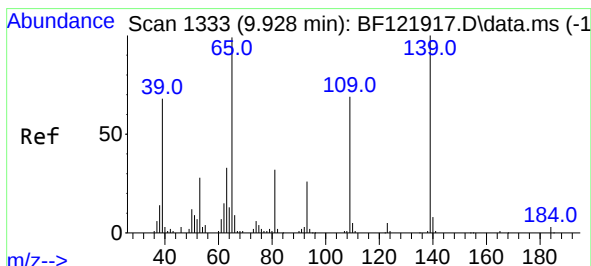
Tgt Ion:168 Resp: 648092
Ion Ratio Lower Upper
168 100
139 41.6 31.0 46.6
169 14.1 11.3 16.9



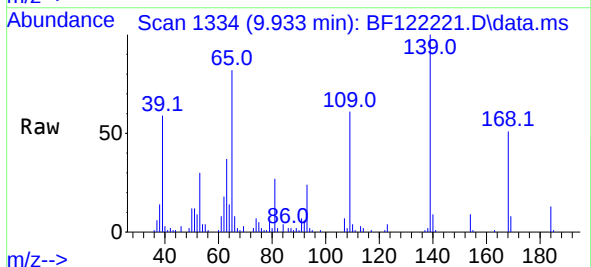
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

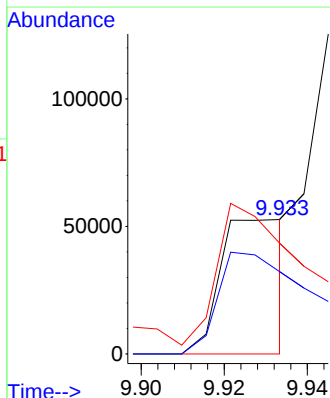
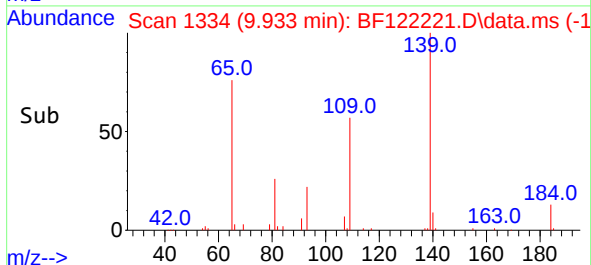
mohammad
11/3/2020 10:01:57 AM

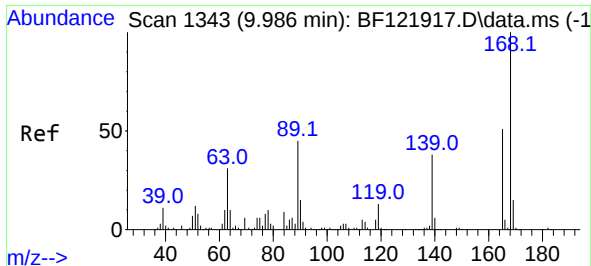


#56
4-Nitrophenol
Concen: 31.14 ng m
RT: 9.933 min Scan# 1334
Delta R.T. 0.023 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:139 Resp: 58373
Ion Ratio Lower Upper
139 100
109 61.3 45.4 85.4
65 82.5 68.4 108.4





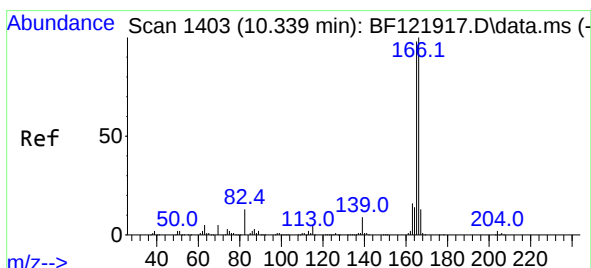
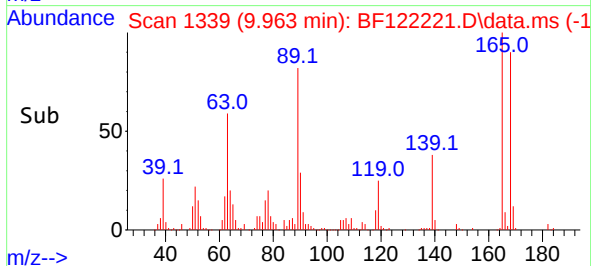
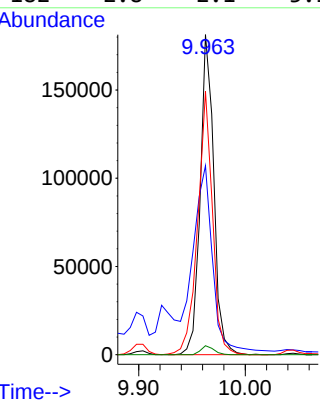
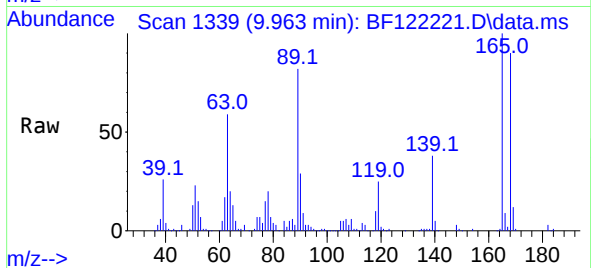
#57
2,4-Dinitrotoluene
Concen: 43.10 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:	165	Resp:	160737
Ion	Ratio	Lower	Upper
165	100		
63	59.1	41.3	61.9
89	82.3	61.8	92.8
182	2.8	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

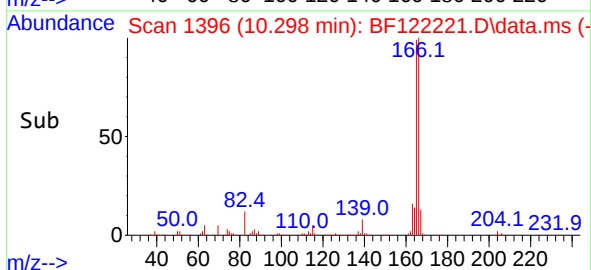
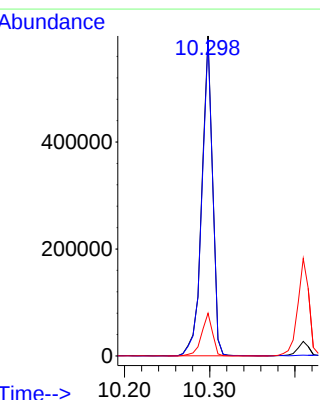
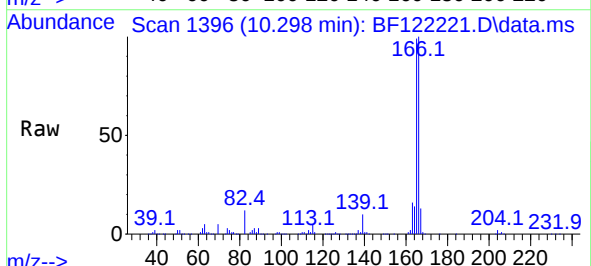
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



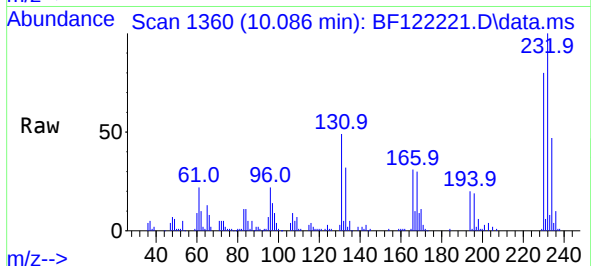
#58
Fluorene
Concen: 40.94 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:	166	Resp:	526289
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.4	11.0	16.6

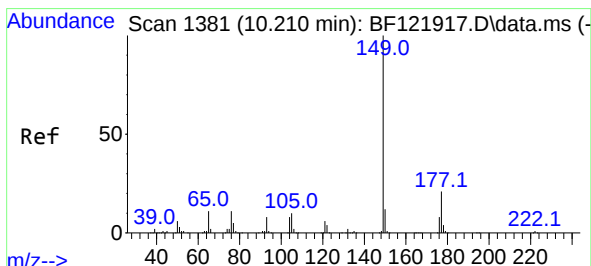
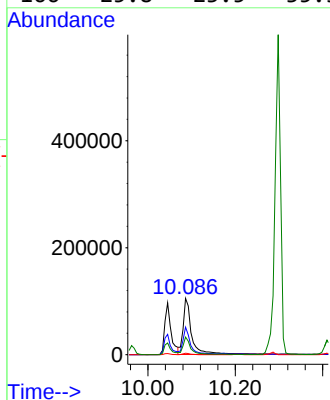
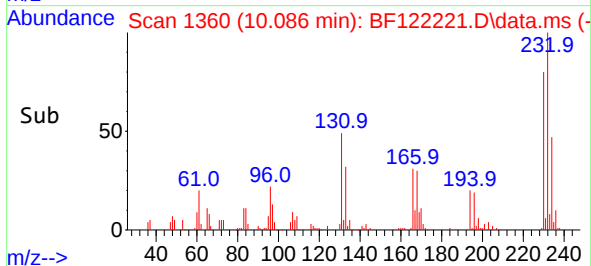




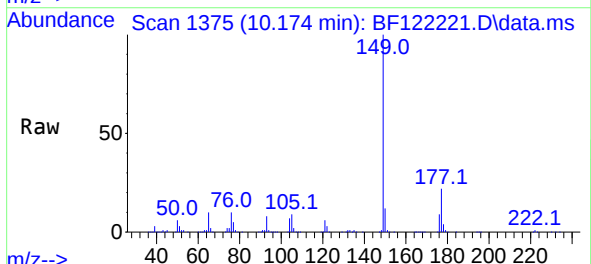
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.75 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



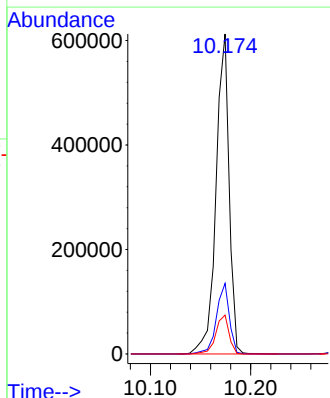
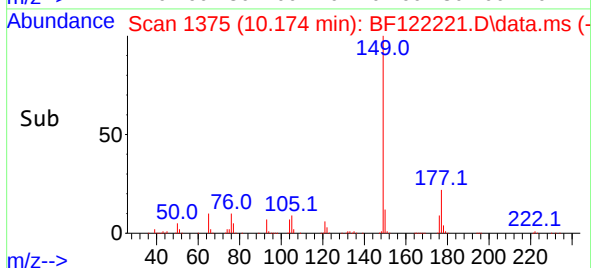
Tgt Ion:232 Resp: 140623
Ion Ratio Lower Upper
232 100
131 39.5 35.9 53.9
130 2.2 1.8 2.6
166 25.8 23.5 35.3



#60
Diethylphthalate
Concen: 41.69 ng
RT: 10.174 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



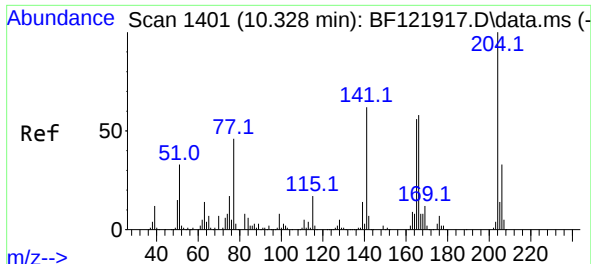
Tgt Ion:149 Resp: 555248
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.2 10.3 15.5



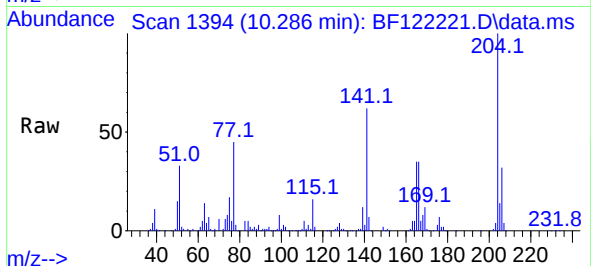
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

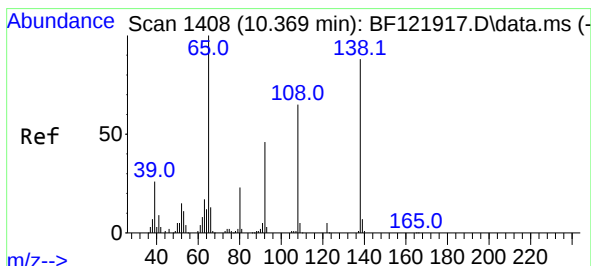
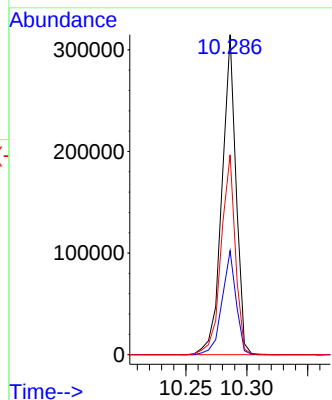
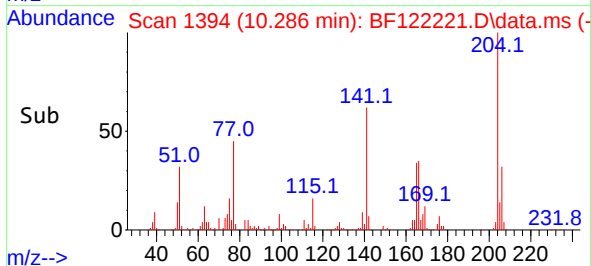
mohammad
11/3/2020 10:01:57 AM



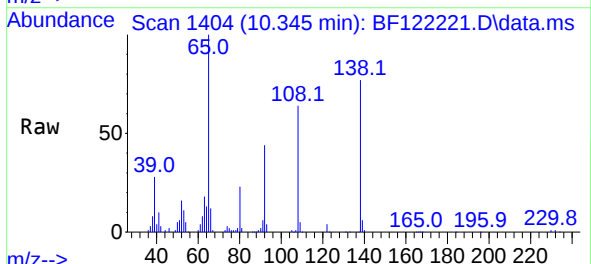
#61
4-Chlorophenyl-phenylether
Concen: 41.19 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



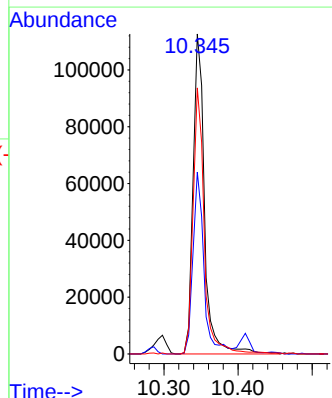
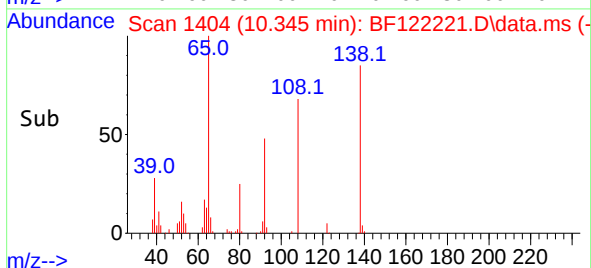
Tgt Ion:204 Resp: 253925
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 62.4 46.2 69.4



#62
4-Nitroaniline
Concen: 35.22 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



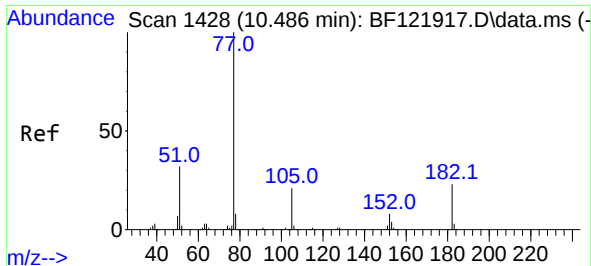
Tgt Ion:138 Resp: 121222
Ion Ratio Lower Upper
138 100
92 56.8 31.0 71.0
108 83.1 51.5 91.5



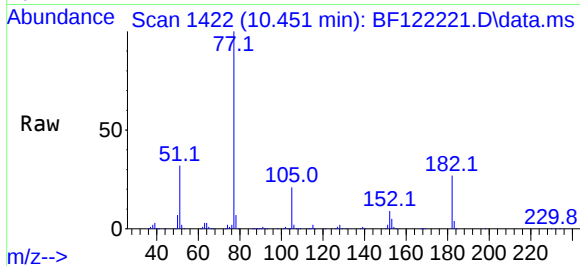
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

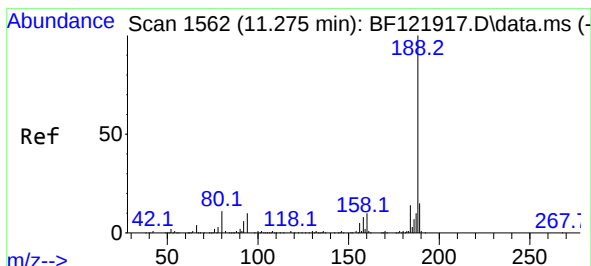
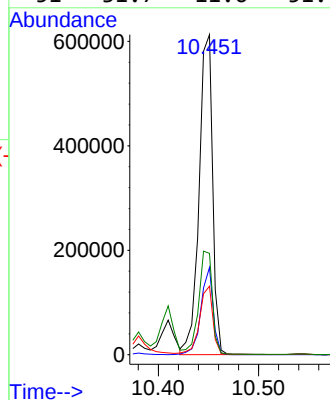
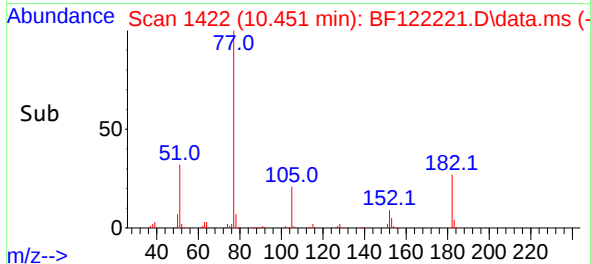
mohammad
11/3/2020 10:01:57 AM



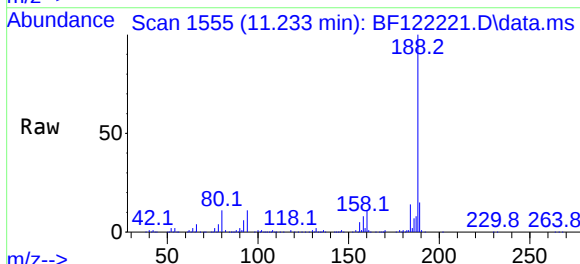
#63
Azobenzene
Concen: 41.00 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



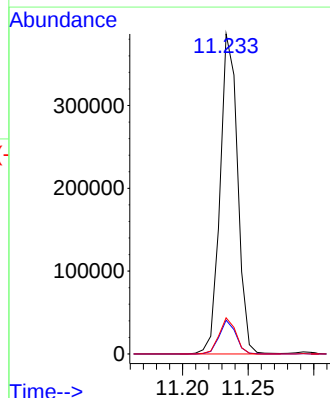
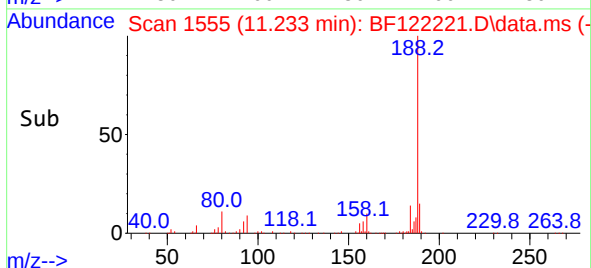
Tgt Ion: 77 Resp: 577386
Ion Ratio Lower Upper
77 100
182 27.3 3.4 43.4
105 21.4 1.7 41.7
51 31.7 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



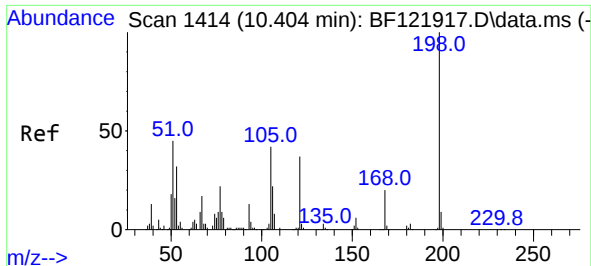
Tgt Ion: 188 Resp: 358922
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.3 9.1 13.7



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



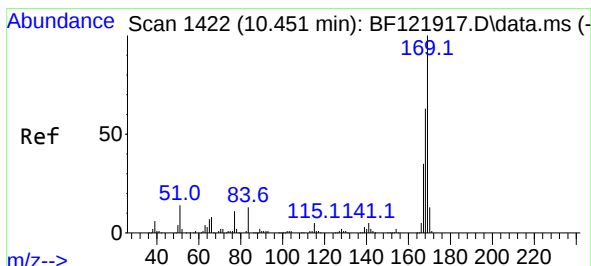
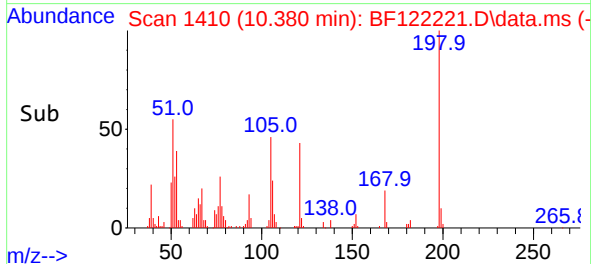
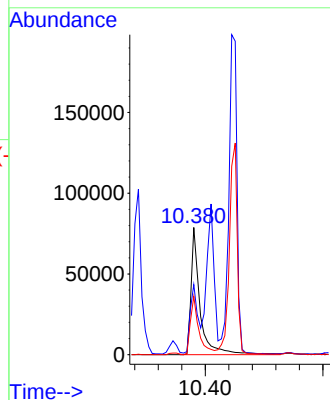
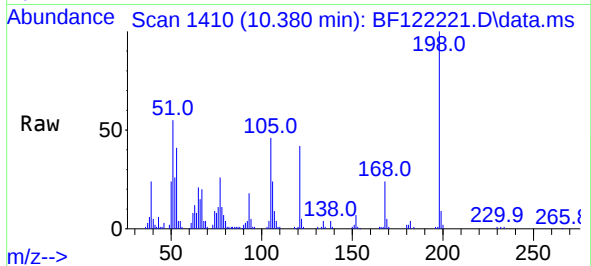
#65
4,6-Dinitro-2-methylphenol
Concen: 36.44 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:198 Resp: 84798
Ion Ratio Lower Upper
198 100
51 55.1 29.6 69.6
105 45.7 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

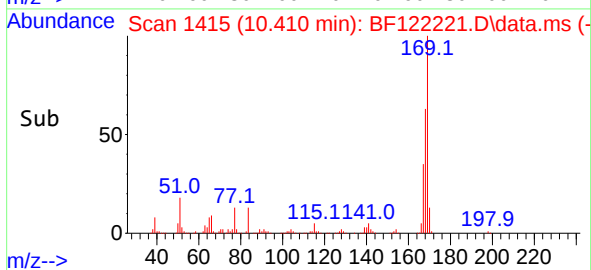
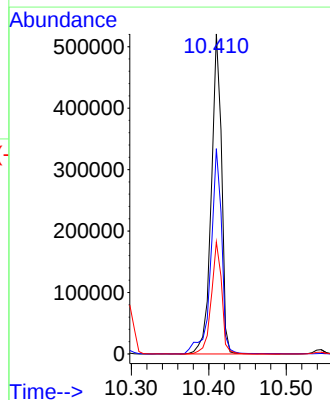
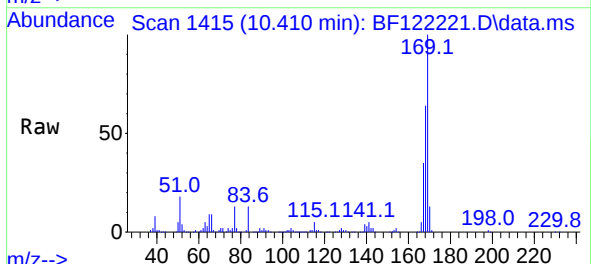
Manual Integrations
APPROVED

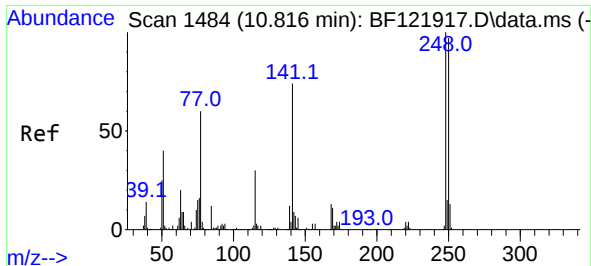
mohammad
11/3/2020 10:01:57 AM



#66
n-Nitrosodiphenylamine
Concen: 38.72 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:169 Resp: 478701
Ion Ratio Lower Upper
169 100
168 64.1 50.0 75.0
167 35.0 27.8 41.6





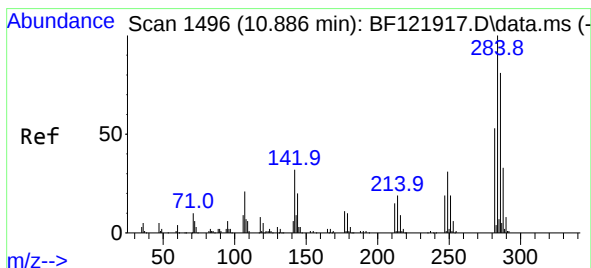
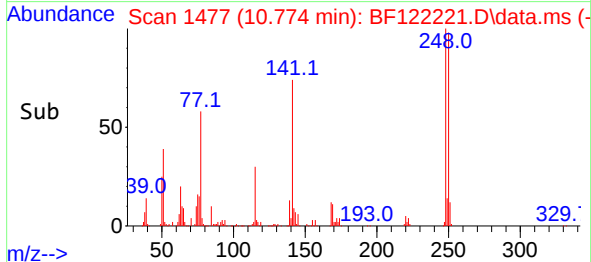
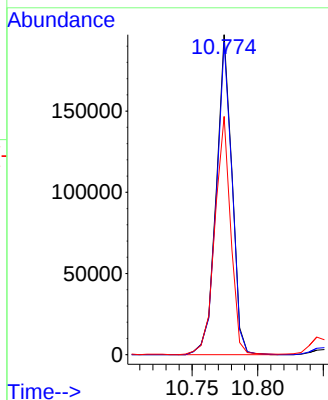
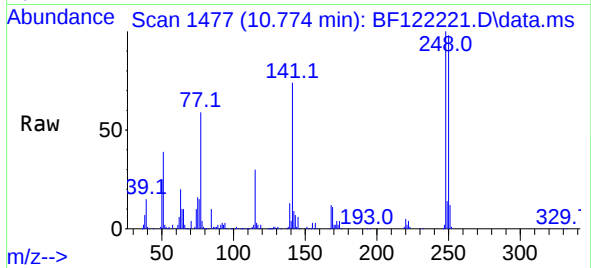
#67
4-Bromophenyl-phenylether
Concen: 39.40 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:248 Resp: 163362
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.6
141 74.4 53.7 80.5

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

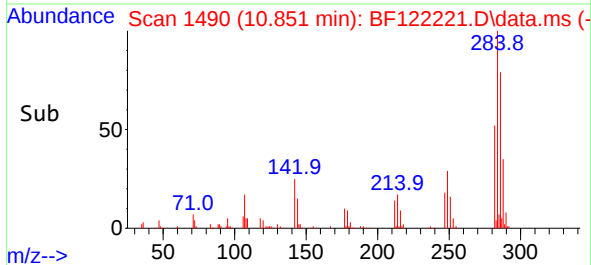
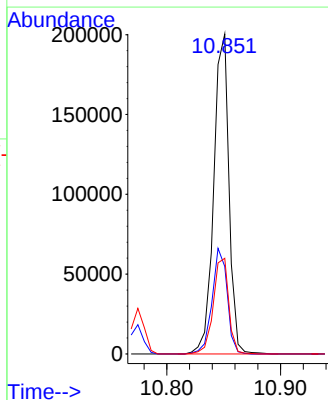
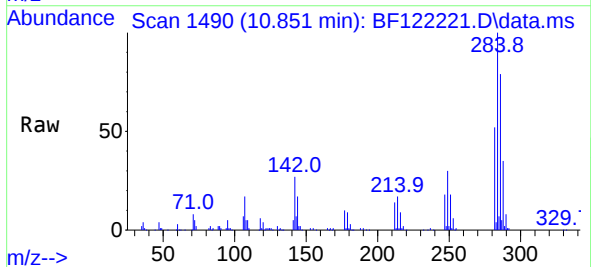
Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM



#68
Hexachlorobenzene
Concen: 39.86 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:284 Resp: 187102
Ion Ratio Lower Upper
284 100
142 27.3 27.4 41.2#
249 29.9 24.2 36.4





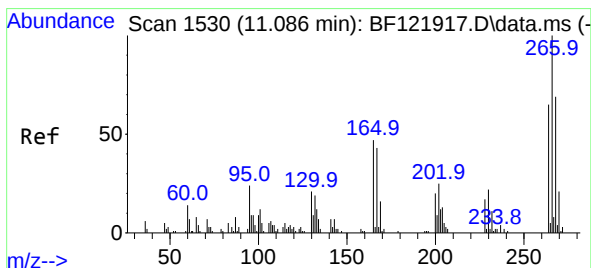
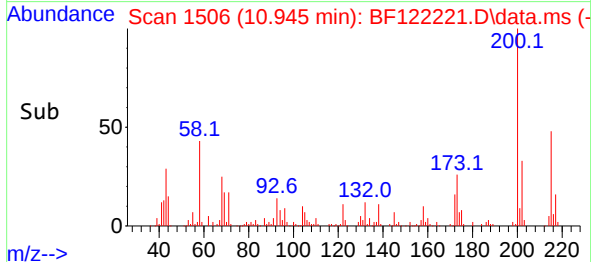
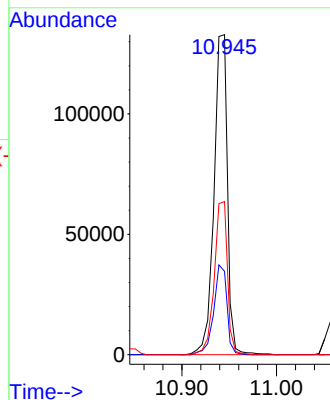
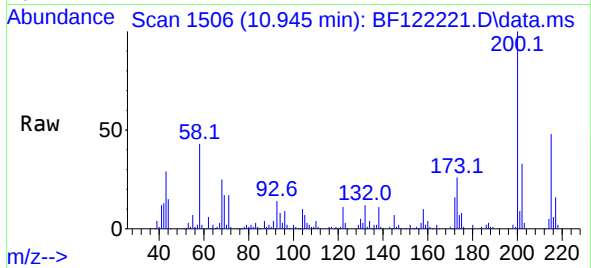
#69
Atrazine
Concen: 43.28 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:200 Resp: 130841
Ion Ratio Lower Upper
200 100
173 26.1 7.5 47.5
215 47.9 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

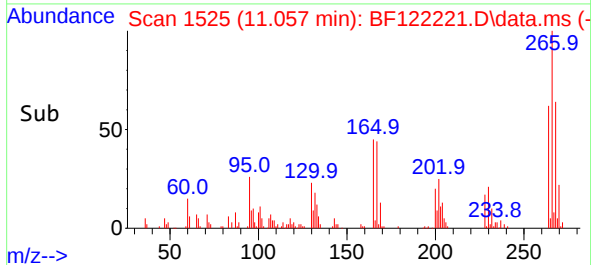
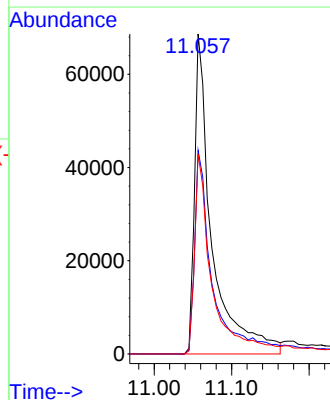
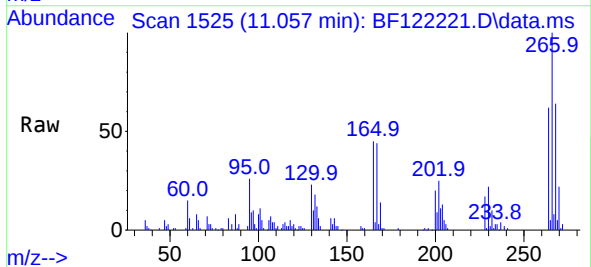
Manual Integrations
APPROVED

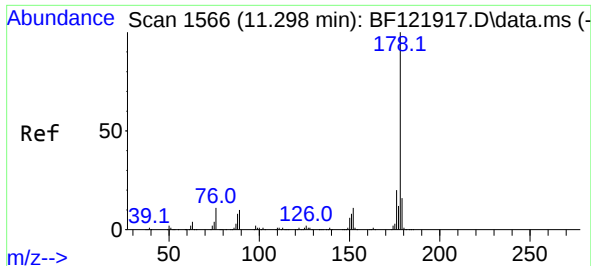
mohammad
11/3/2020 10:01:57 AM



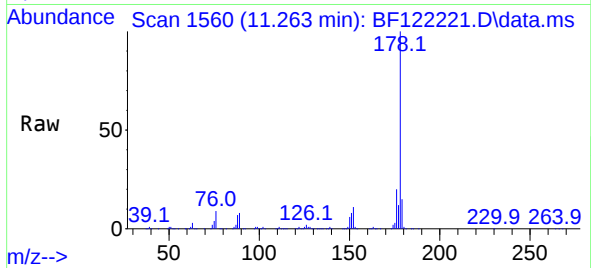
#70
Pentachlorophenol
Concen: 60.25 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:266 Resp: 107164
Ion Ratio Lower Upper
266 100
268 63.6 52.4 78.6
264 62.4 49.9 74.9

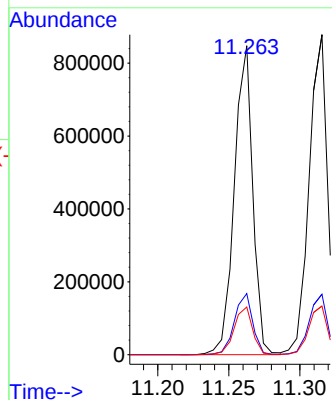




#71
Phenanthrene
Concen: 38.94 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



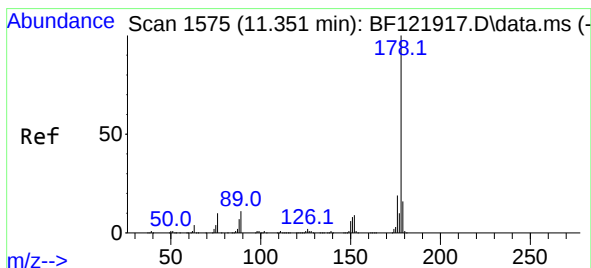
Tgt Ion:178 Resp: 766413
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.2 18.4



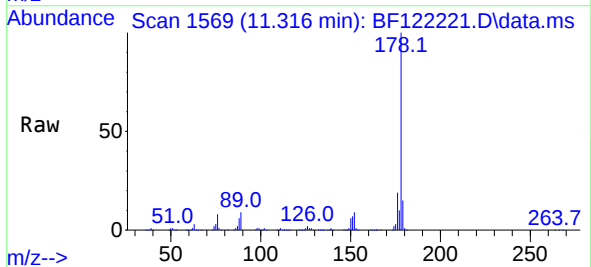
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

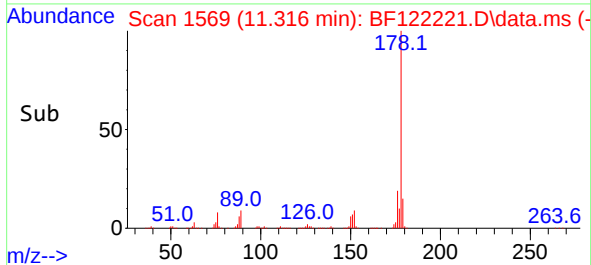
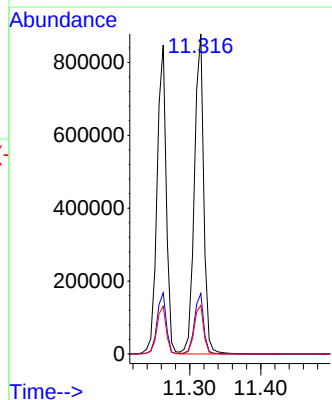
mohammad
11/3/2020 10:01:57 AM

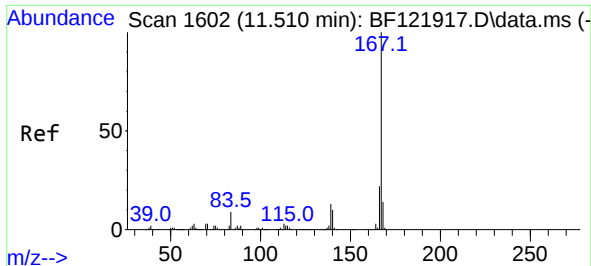


#72
Anthracene
Concen: 39.37 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



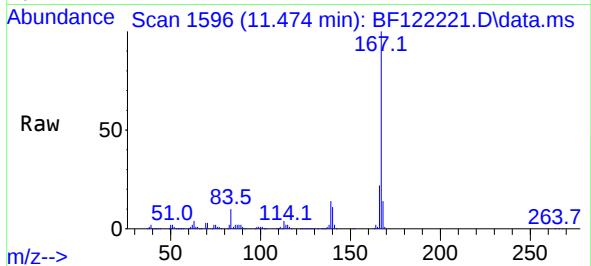
Tgt Ion:178 Resp: 803509
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.2 12.7 19.1





#73
Carbazole
Concen: 39.47 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

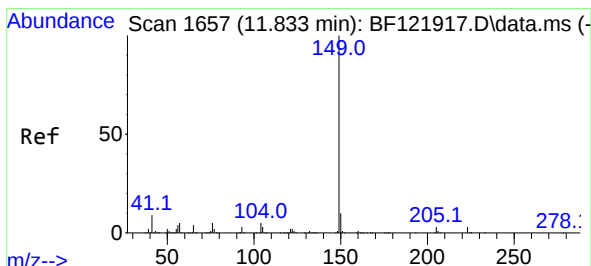
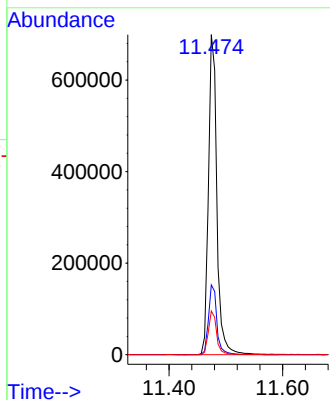
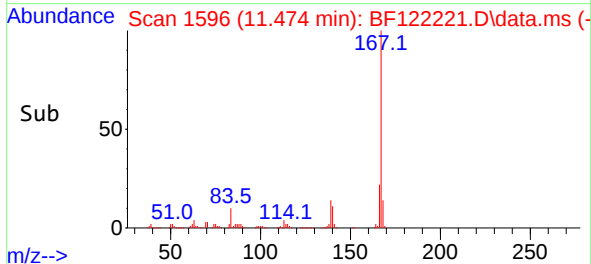
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



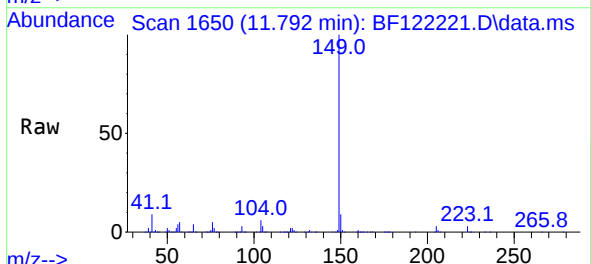
Tgt Ion:167 Resp: 716346
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 13.7 10.8 16.2

Manual Integrations
APPROVED

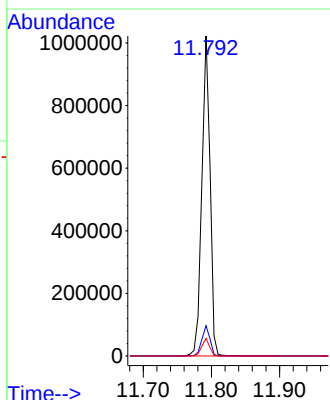
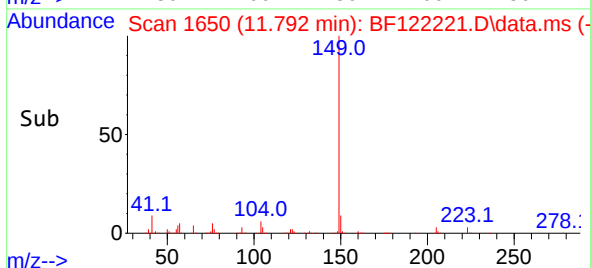
mohammad
11/3/2020 10:01:57 AM



#74
Di-n-butylphthalate
Concen: 41.11 ng
RT: 11.792 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



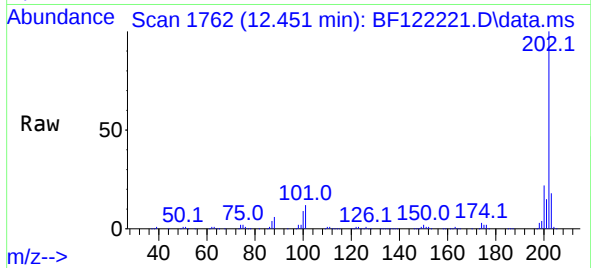
Tgt Ion:149 Resp: 858386
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 39.54 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

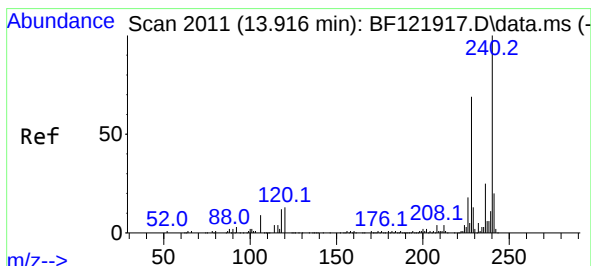
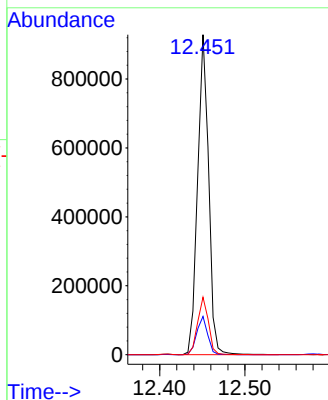
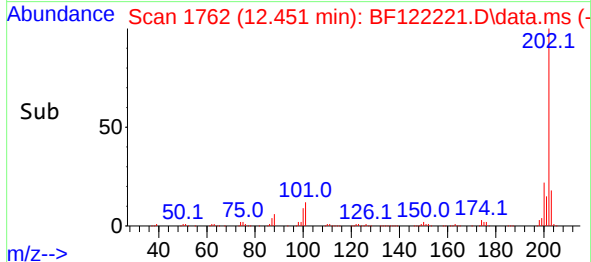
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



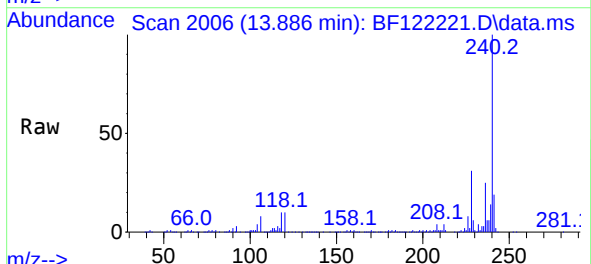
Tgt Ion:202 Resp: 834430
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.9 0.0 37.9

Manual Integrations
APPROVED

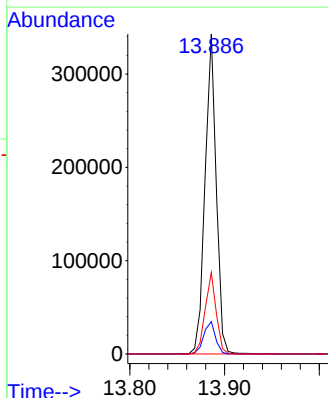
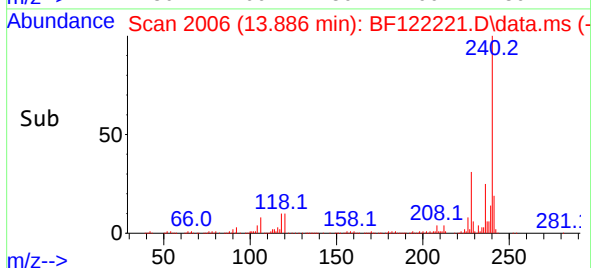
mohammad
11/3/2020 10:01:57 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



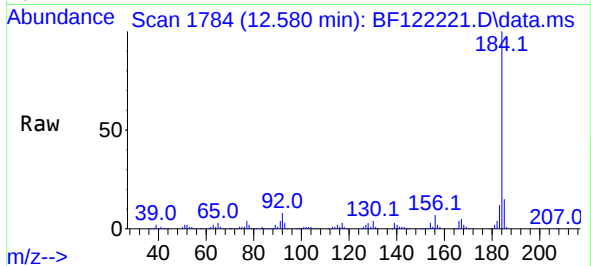
Tgt Ion:240 Resp: 280087
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.5 20.9 31.3





#77
Benzidine
Concen: 38.13 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

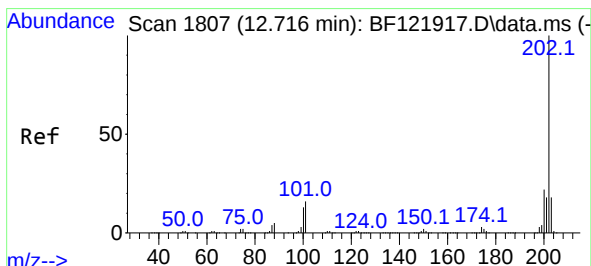
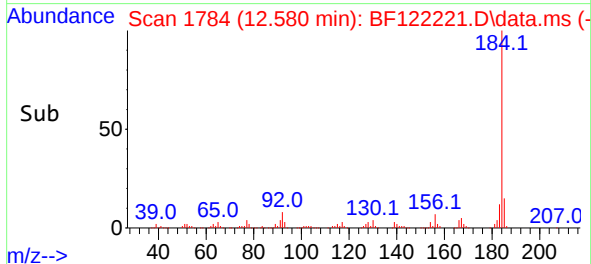
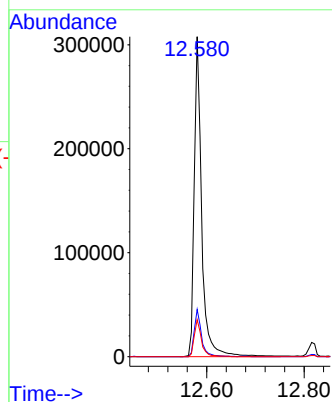
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



Tgt Ion:184 Resp: 329272
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.6 9.4 14.0

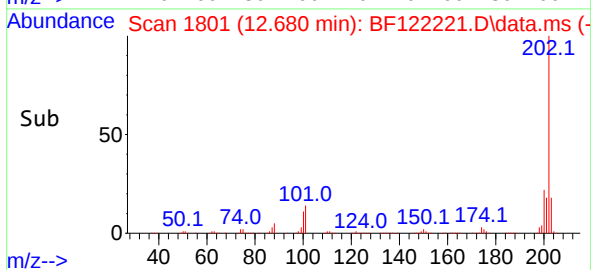
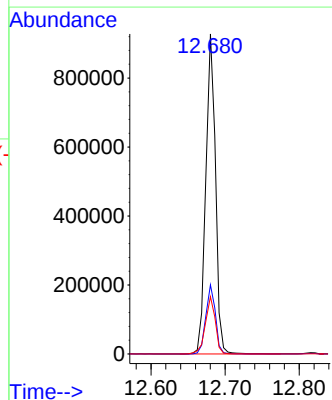
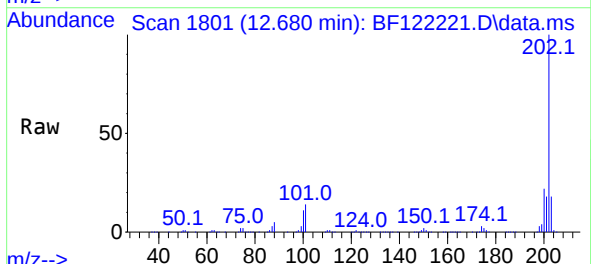
Manual Integrations
APPROVED

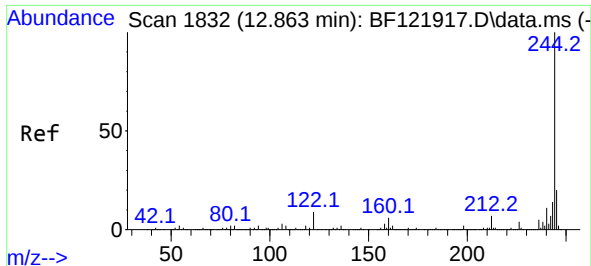
mohammad
11/3/2020 10:01:57 AM



#78
Pyrene
Concen: 39.56 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

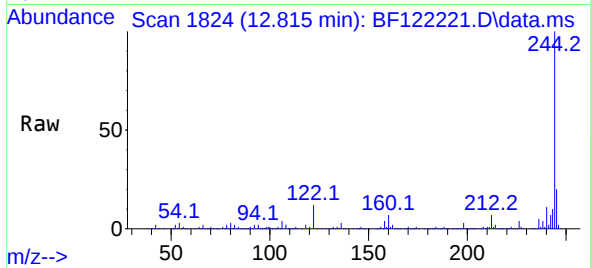
Tgt Ion:202 Resp: 844283
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 66.31 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

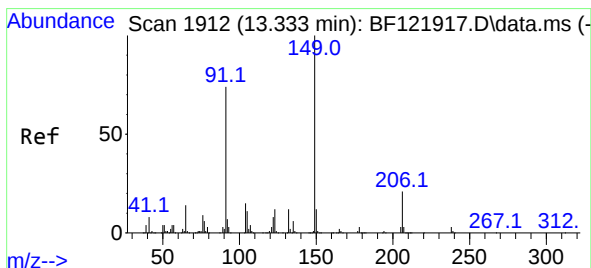
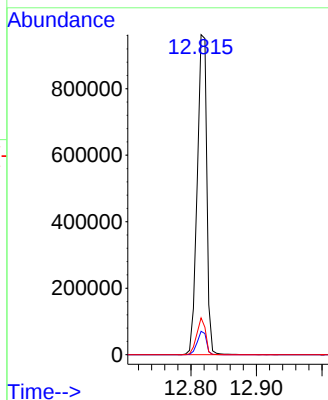
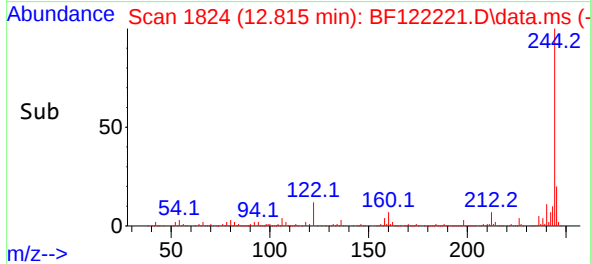
Instrument :
BNA_F
ClientSampleId :
PB132734BSD



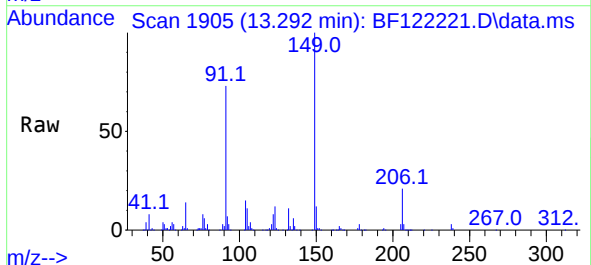
Tgt Ion:244 Resp: 974610
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.5 8.1 12.1

Manual Integrations
APPROVED

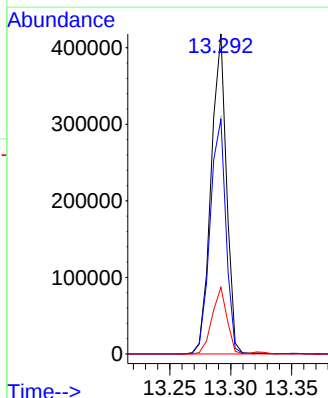
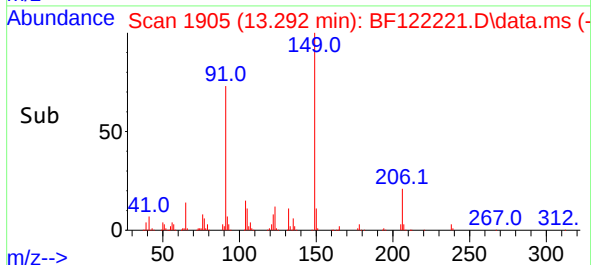
mohammad
11/3/2020 10:01:57 AM



#80
Butylbenzylphthalate
Concen: 43.32 ng
RT: 13.292 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:149 Resp: 366657
Ion Ratio Lower Upper
149 100
91 73.3 61.0 91.4
206 20.8 16.7 25.1





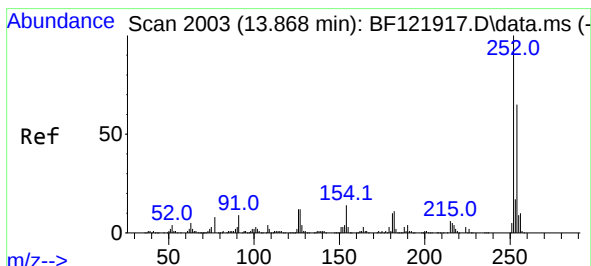
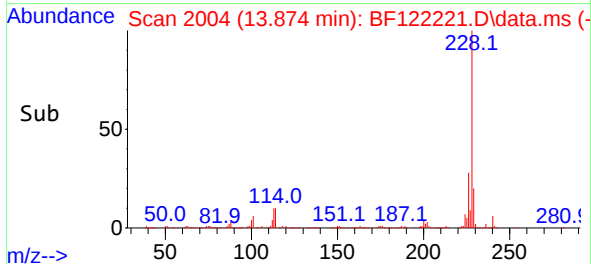
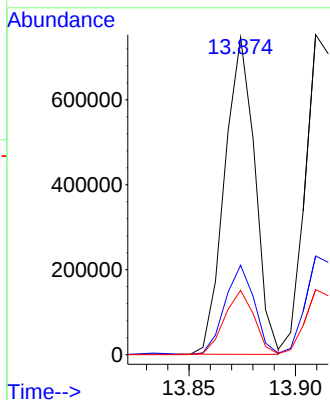
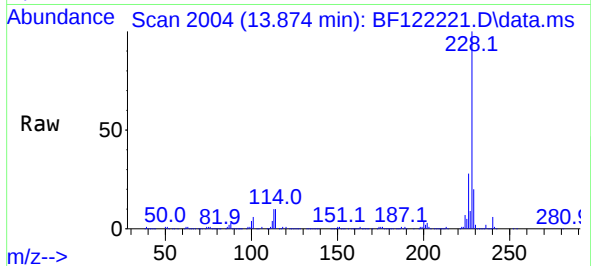
#81
Benzo(a)anthracene
Concen: 40.10 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Tgt Ion:228 Resp: 735928
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.3 16.2 24.4

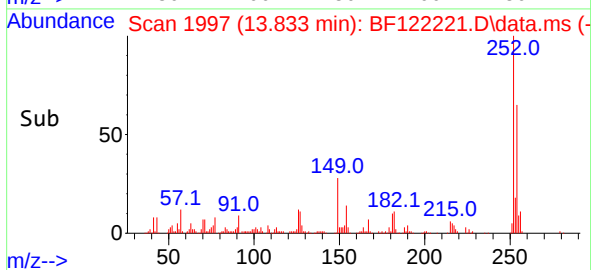
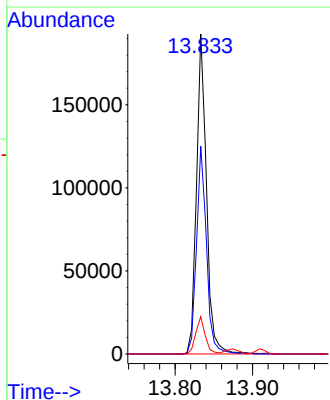
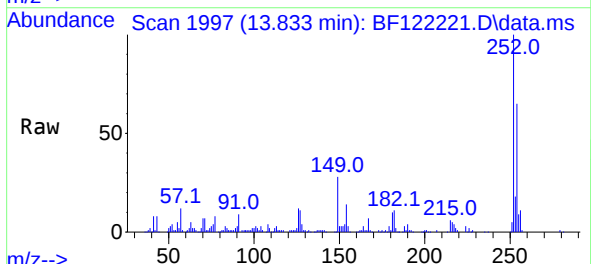
Manual Integrations
APPROVED

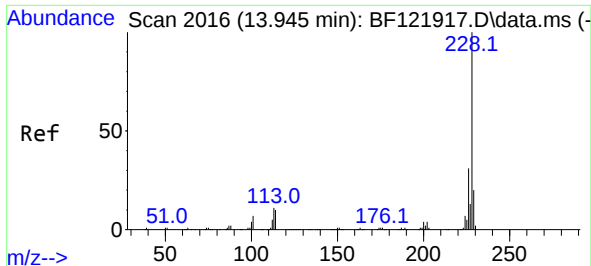
mohammad
11/3/2020 10:01:57 AM



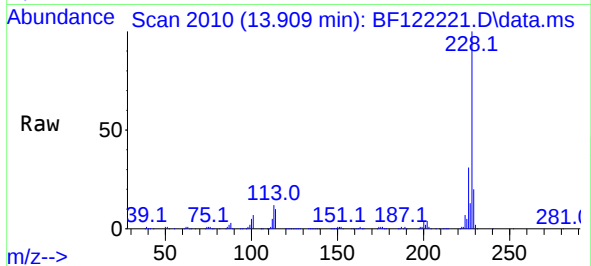
#82
3,3'-Dichlorobenzidine
Concen: 25.34 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:252 Resp: 172533
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 11.6 8.8 13.2

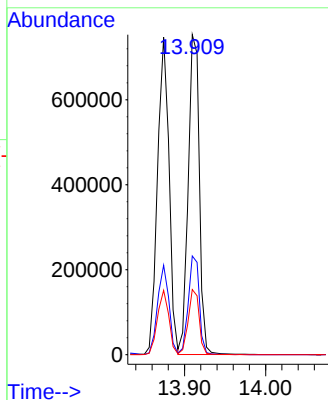
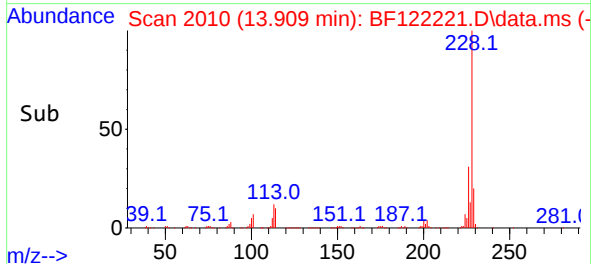




#83
Chrysene
Concen: 39.87 ng
RT: 13.909 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



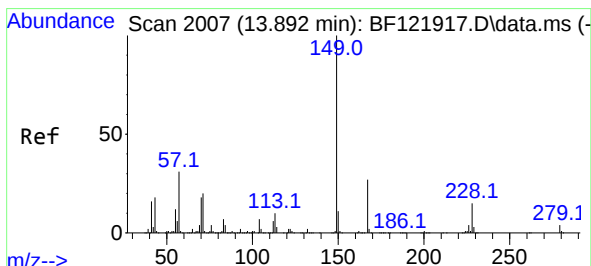
Tgt Ion:228 Resp: 718400
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.3 15.9 23.9



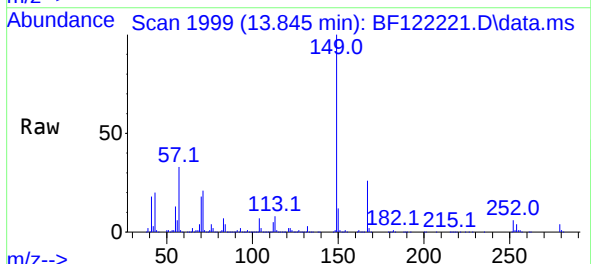
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

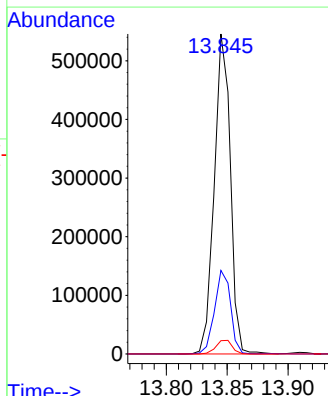
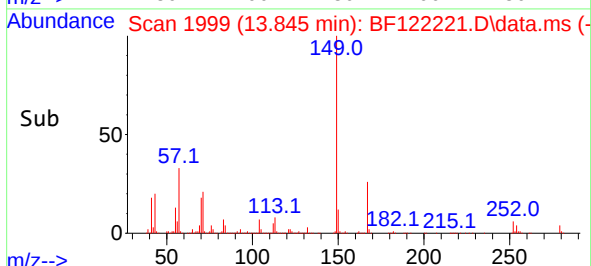
mohammad
11/3/2020 10:01:57 AM

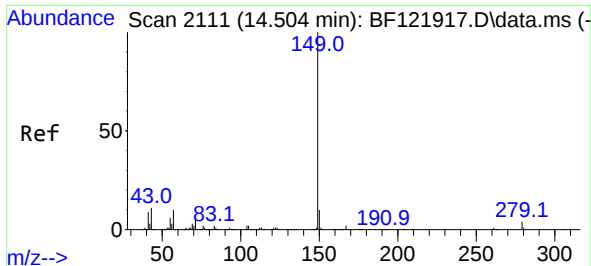


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.74 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:149 Resp: 502608
Ion Ratio Lower Upper
149 100
167 26.1 20.9 31.3
279 4.2 3.2 4.8





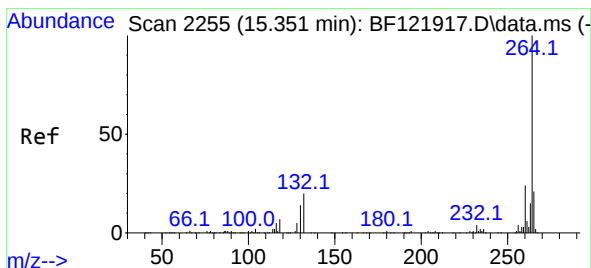
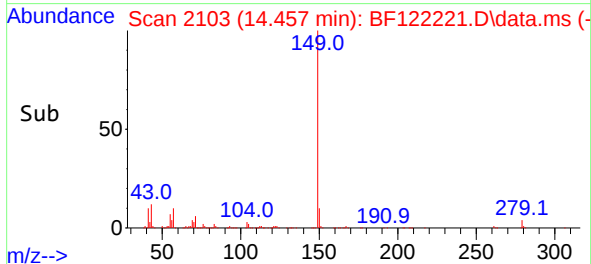
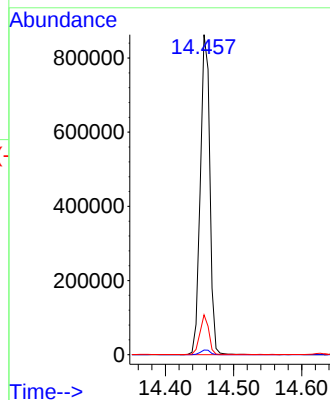
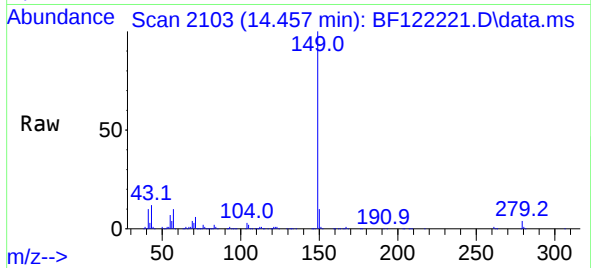
#85
Di-n-octyl phthalate
Concen: 44.97 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:149 Resp: 836002
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.0 13.6

Instrument :
BNA_F
ClientSampleId :
PB132734BSD

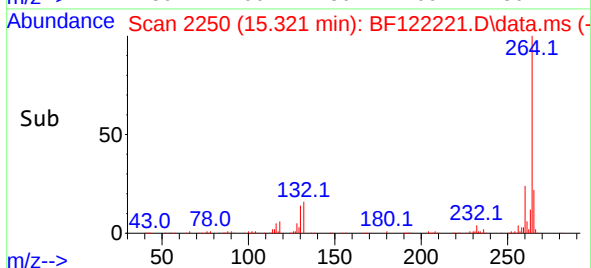
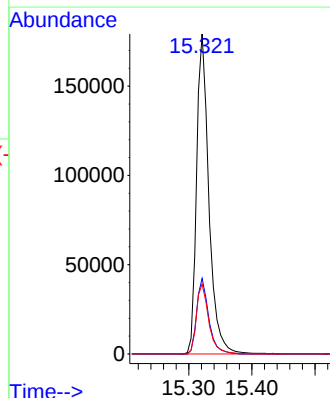
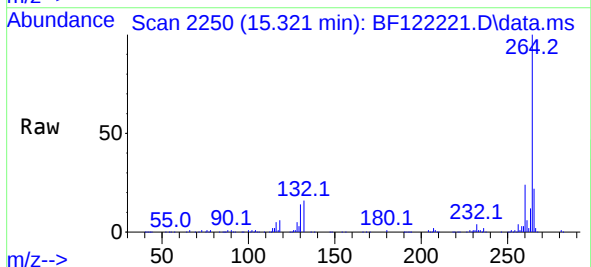
Manual Integrations
APPROVED

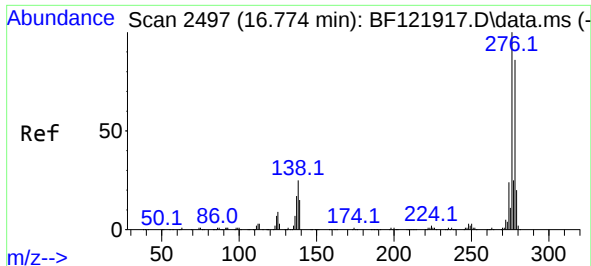
mohammad
11/3/2020 10:01:57 AM



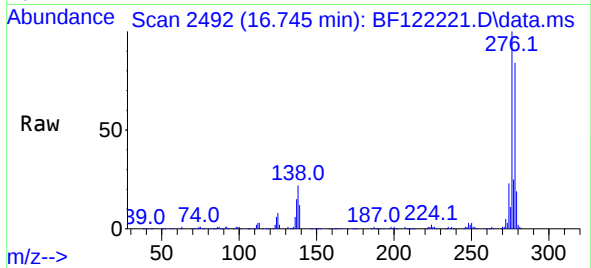
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24

Tgt Ion:264 Resp: 241981
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.8 17.3 25.9

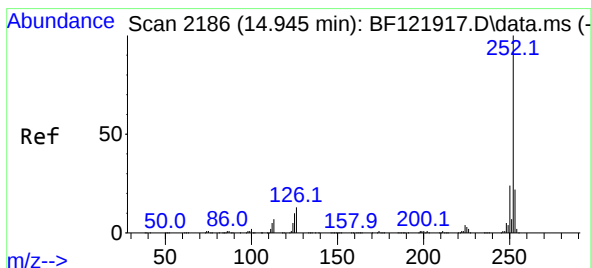
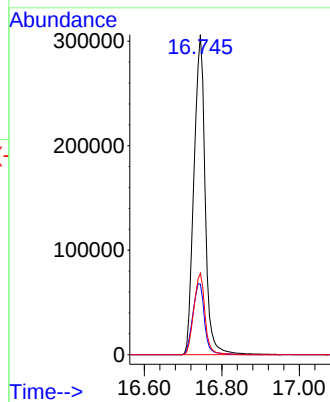
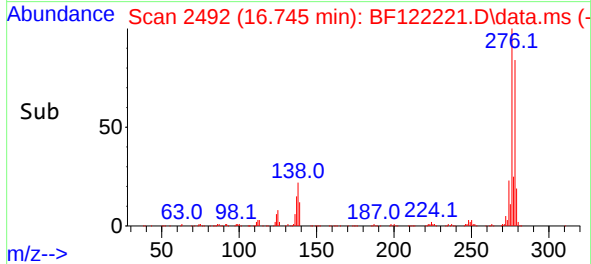




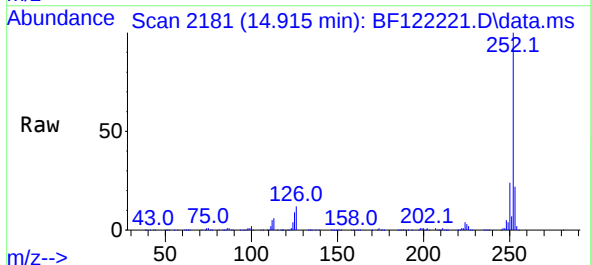
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.02 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



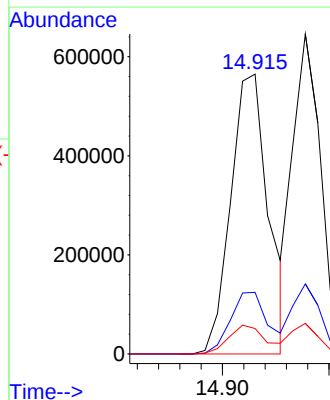
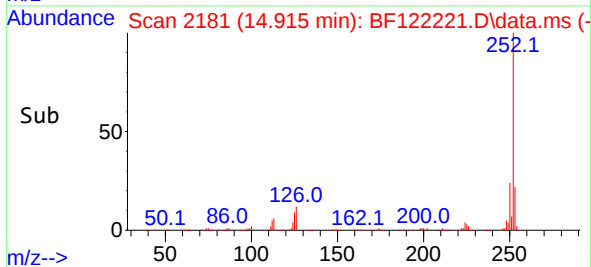
Tgt Ion: 276 Resp: 613009
Ion Ratio Lower Upper
276 100
138 23.2 19.9 29.9
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.56 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.017 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



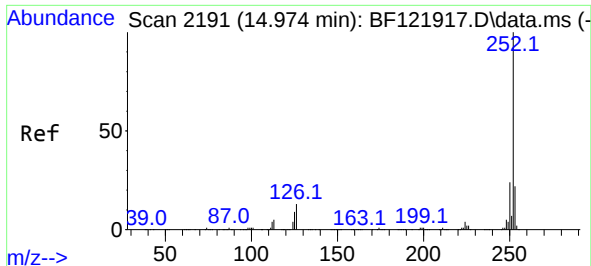
Tgt Ion: 252 Resp: 696100
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.1 8.0 12.0



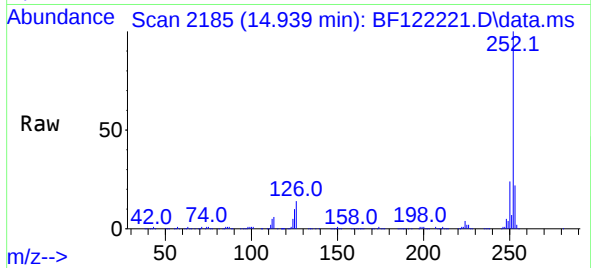
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

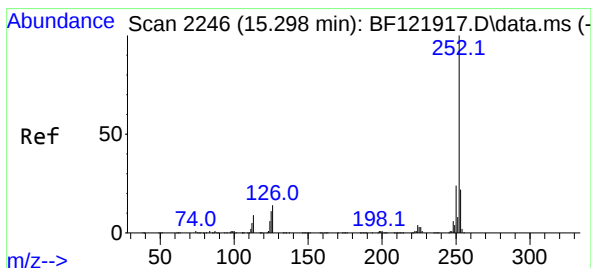
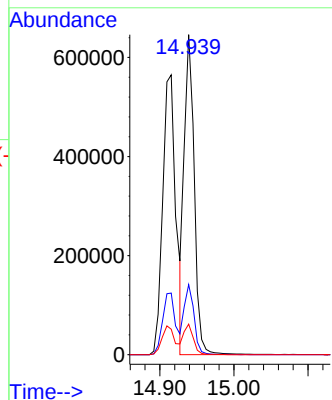
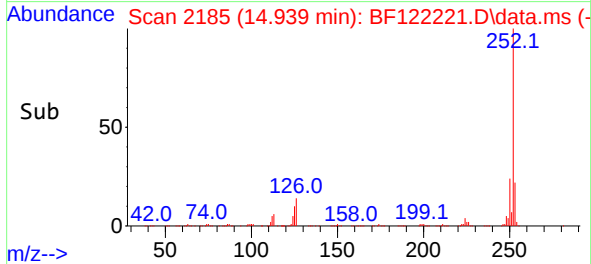
mohammad
11/3/2020 10:01:57 AM



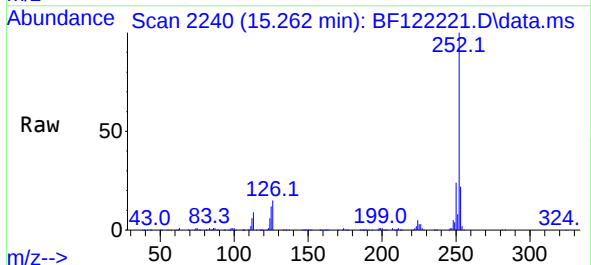
#89
Benzo(k)fluoranthene
Concen: 39.08 ng
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



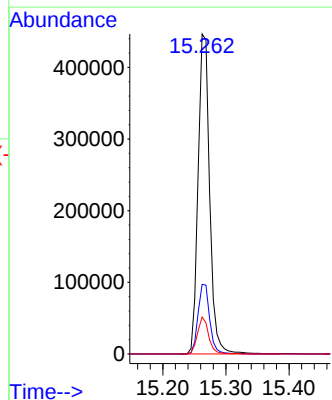
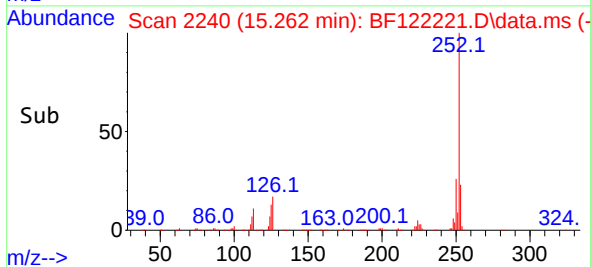
Tgt Ion:252 Resp: 607292
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



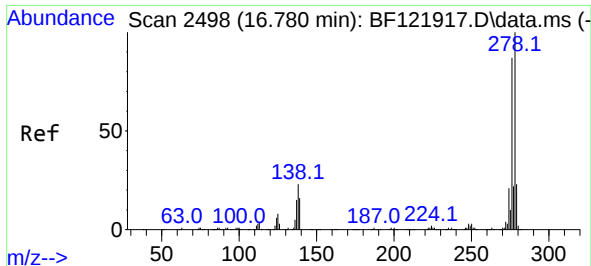
Tgt Ion:252 Resp: 567675
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.6 8.6 13.0



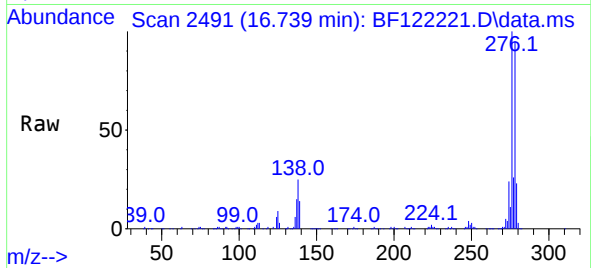
Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

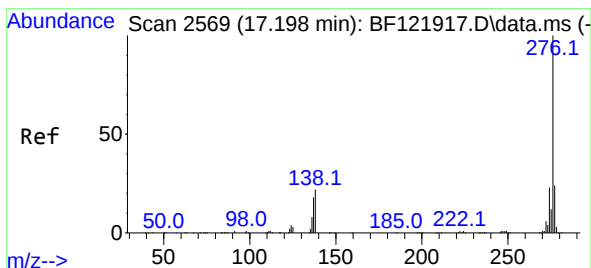
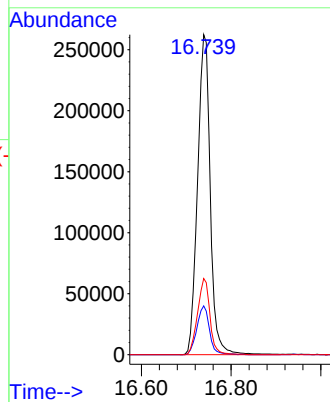
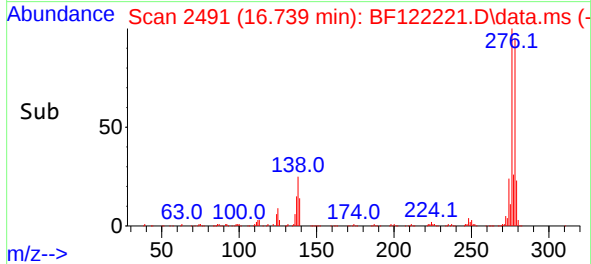
mohammad
11/3/2020 10:01:57 AM



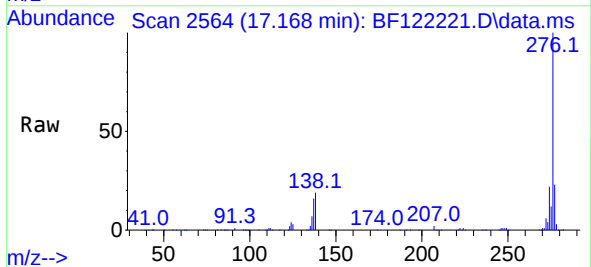
#91
Dibenzo(a,h)anthracene
Concen: 39.76 ng
RT: 16.739 min Scan# 2491
Delta R.T. 0.023 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



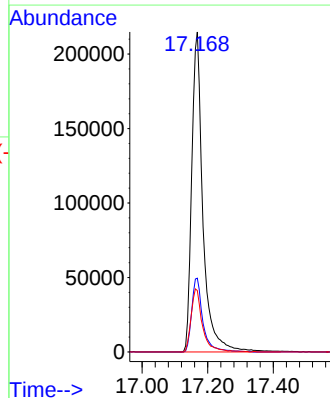
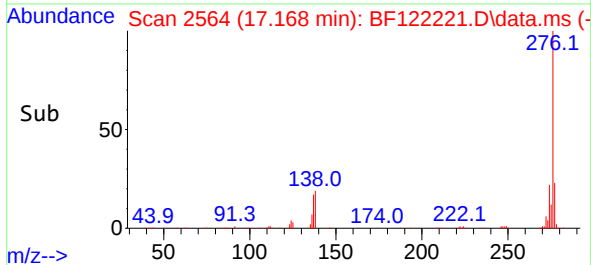
Tgt Ion:278 Resp: 514316
Ion Ratio Lower Upper
278 100
139 15.2 13.0 19.4
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.48 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122221.D
Acq: 2 Nov 2020 12:24



Tgt Ion:276 Resp: 511135
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.2
138 19.2 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
PB132734BSD

Manual Integrations
APPROVED

mohammad
11/3/2020 10:01:57 AM