

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122534.D
 Acq On : 3 Dec 2020 13:06
 Operator : JU/CG
 Sample : PB133368BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133368BS

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:52:45 AM

Quant Time: Dec 03 13:40:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	224094	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	901938	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	494039	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	921979	20.00	ng	0.00
76) Chrysene-d12	14.033	240	757806	20.00	ng	0.00
86) Perylene-d12	15.504	264	727969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1695104	116.15	ng	0.01
7) Phenol-d6	6.498	99	2183268	114.35	ng	0.00
23) Nitrobenzene-d5	7.428	82	1380775	93.72	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	752572	141.93	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2510466	79.40	ng	0.00
79) Terphenyl-d14	12.974	244	2796057	78.17	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	236851	35.39	ng	88
3) Pyridine	3.469	79	693329	37.67	ng	87
4) n-Nitrosodimethylamine	3.428	42	315628	36.37	ng	87
6) Aniline	6.522	93	725728	28.97	ng	99
8) 2-Chlorophenol	6.645	128	732938	48.43	ng	90
9) Benzaldehyde	6.404	77	410552	40.93	ng	98
10) Phenol	6.510	94	863080	45.91	ng	91
11) bis(2-Chloroethyl)ether	6.592	93	672377	44.99	ng	95
12) 1,3-Dichlorobenzene	6.798	146	770238	44.83	ng	98
13) 1,4-Dichlorobenzene	6.875	146	777009	45.02	ng	98
14) 1,2-Dichlorobenzene	7.028	146	747586	46.41	ng	99
15) Benzyl Alcohol	7.004	79	590271	43.49	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	893797	41.04	ng	93
17) 2-Methylphenol	7.116	107	617382	48.87	ng	100
18) Hexachloroethane	7.369	117	275407	45.82	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	485579	42.56	ng	89
20) 3+4-Methylphenols	7.269	107	702495	45.19	ng	95
22) Acetophenone	7.269	105	916493	39.01	ng	# 94
24) Nitrobenzene	7.445	77	753920	44.73	ng	94
25) Isophorone	7.686	82	1355290	41.26	ng	96
26) 2-Nitrophenol	7.757	139	390363	52.58	ng	99
27) 2,4-Dimethylphenol	7.798	122	651883	42.08	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	854382	42.53	ng	99
29) 2,4-Dichlorophenol	8.004	162	640310	46.68	ng	95
30) 1,2,4-Trichlorobenzene	8.086	180	657112	43.41	ng	97
31) Naphthalene	8.169	128	2028506	42.30	ng	99
32) Benzoic acid	7.939	122	420386	48.85	ng	98
33) 4-Chloroaniline	8.210	127	386768	18.52	ng	96
34) Hexachlorobutadiene	8.281	225	389386	44.75	ng	99
35) Caprolactam	8.598	113	207085m	47.63	ng	
36) 4-Chloro-3-methylphenol	8.704	107	676016	47.26	ng	95
37) 2-Methylnaphthalene	8.857	142	1380078	43.56	ng	98
38) 1-Methylnaphthalene	8.957	142	1282391	43.25	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	640435	42.07	ng	99
41) Hexachlorocyclopentadiene	9.016	237	733651	82.42	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	469293	47.47	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122534.D
 Acq On : 3 Dec 2020 13:06
 Operator : JU/CG
 Sample : PB133368BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133368BS

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:52:45 AM

Quant Time: Dec 03 13:40:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	503708	48.60	ng	99
46) 1,1'-Biphenyl	9.322	154	1651974	42.01	ng	99
47) 2-Chloronaphthalene	9.351	162	1322950	42.39	ng	98
48) 2-Nitroaniline	9.445	65	412745	44.78	ng	87
49) Acenaphthylene	9.763	152	2054311	42.82	ng	98
50) Dimethylphthalate	9.627	163	1628051	46.36	ng	99
51) 2,6-Dinitrotoluene	9.686	165	375392	48.03	ng	# 86
52) Acenaphthene	9.939	154	1422787m	47.92	ng	
53) 3-Nitroaniline	9.857	138	228466	27.32	ng	87
54) 2,4-Dinitrophenol	9.969	184	364857	97.11	ng	95
55) Dibenzofuran	10.110	168	1853905	42.61	ng	99
56) 4-Nitrophenol	10.027	139	612850	80.01	ng	94
57) 2,4-Dinitrotoluene	10.092	165	508232	51.25	ng	92
58) Fluorene	10.451	166	1443216	43.32	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	454391	52.72	ng	94
60) Diethylphthalate	10.327	149	1562014	45.34	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	703554	44.74	ng	96
62) 4-Nitroaniline	10.475	138	394316	45.47	ng	98
63) Azobenzene	10.604	77	1471917	40.73	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	260773	59.32	ng	91
66) n-Nitrosodiphenylamine	10.563	169	1350119	42.98	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	499018	46.06	ng	98
68) Hexachlorobenzene	11.004	284	550050	46.99	ng	# 92
69) Atrazine	11.092	200	402714	51.48	ng	98
70) Pentachlorophenol	11.198	266	646873	95.92	ng	98
71) Phenanthrene	11.416	178	2177199	41.62	ng	98
72) Anthracene	11.469	178	2272629	42.15	ng	99
73) Carbazole	11.621	167	2069998	42.20	ng	99
74) Di-n-butylphthalate	11.951	149	2351615	44.98	ng	100
75) Fluoranthene	12.604	202	2366177	43.33	ng	98
77) Benzidine	12.721	184	1001525	47.65	ng	99
78) Pyrene	12.833	202	2367560	44.47	ng	99
80) Butylbenzylphthalate	13.451	149	1019315	47.76	ng	93
81) Benzo(a)anthracene	14.021	228	2114356	44.86	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	566590	32.26	ng	99
83) Chrysene	14.063	228	2058344	43.36	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1324406	51.59	ng	# 97
85) Di-n-octyl phthalate	14.621	149	2323114	53.40	ng	96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1982245	45.38	ng	99
88) Benzo(b)fluoranthene	15.074	252	2332878	49.48	ng	99
89) Benzo(k)fluoranthene	15.109	252	1892025	41.16	ng	99
90) Benzo(a)pyrene	15.445	252	1852262	45.06	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	1621244	44.31	ng	99
92) Benzo(g,h,i)perylene	17.427	276	1603451	45.07	ng	98

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

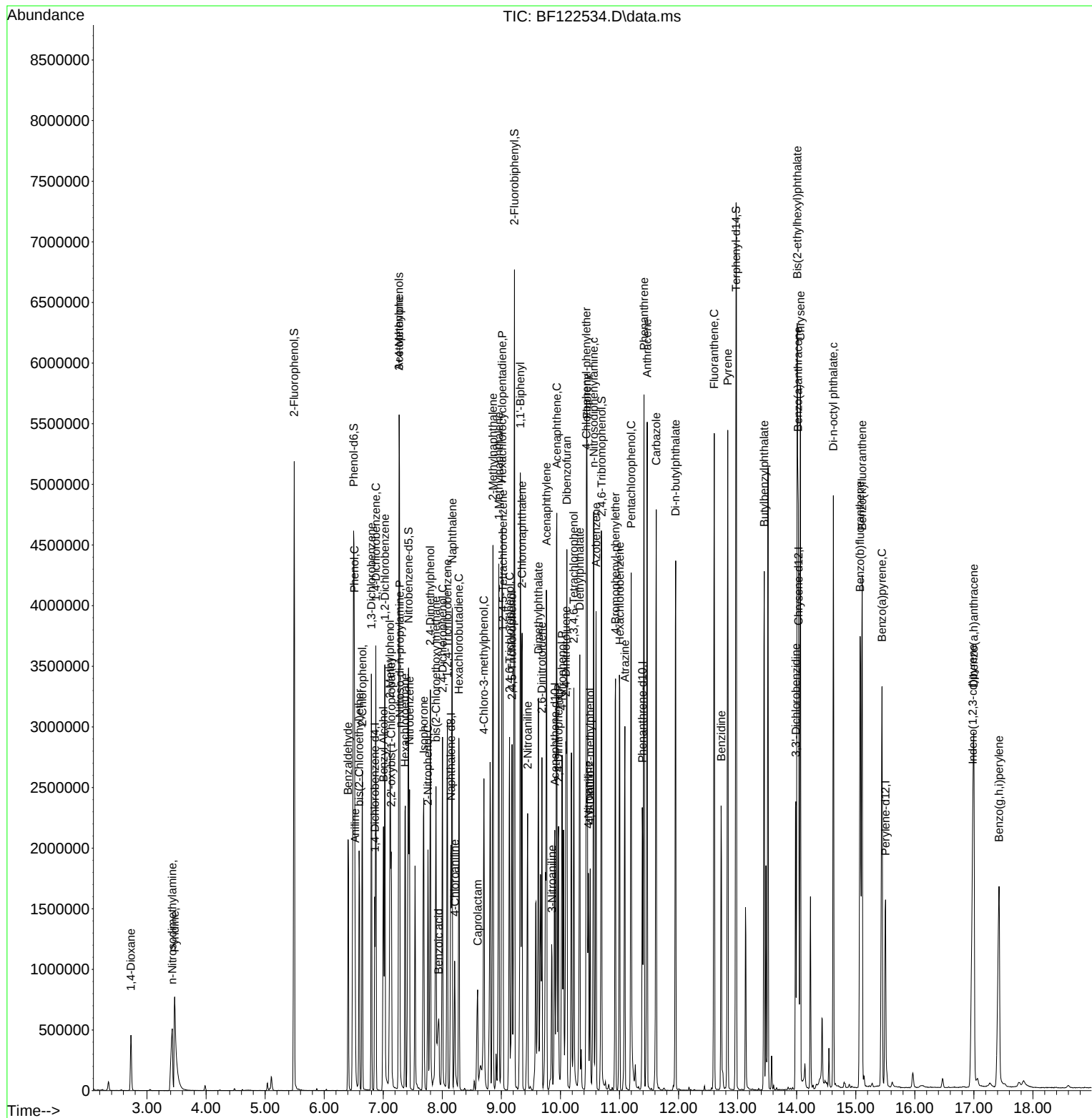
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122534.D
Acq On : 3 Dec 2020 13:06
Operator : JU/CG
Sample : PB133368BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PB133368BS

Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM

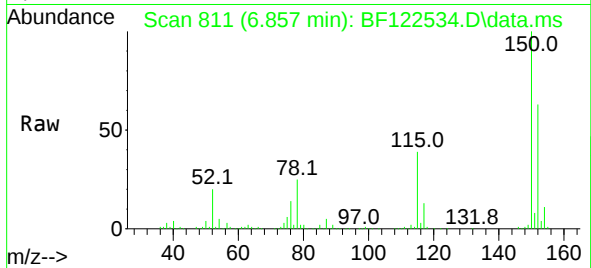
Quant Time: Dec 03 13:40:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF122534.D
 Acq: 3 Dec 2020 13:06

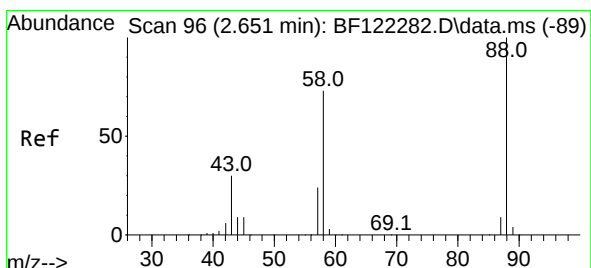
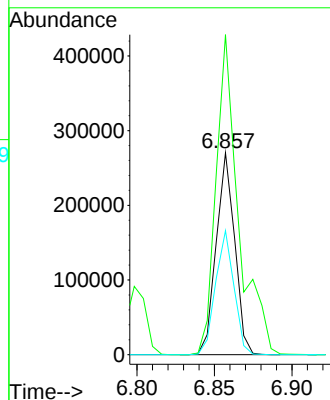
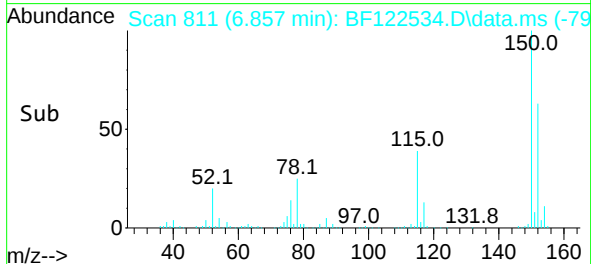
Instrument :
 BNA_F
 ClientSampled :
 PB133368BS



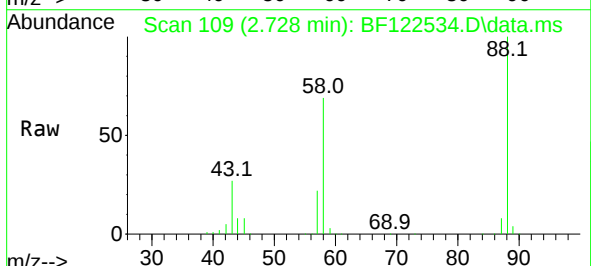
Tgt Ion:152 Resp: 224094
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.3 187.9
 115 61.4 51.9 77.9

Manual Integrations
 APPROVED

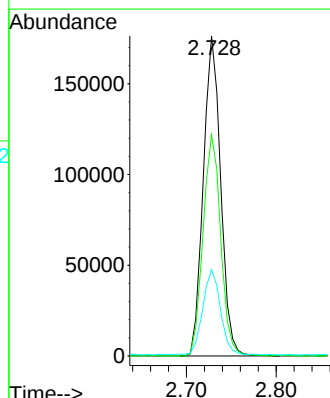
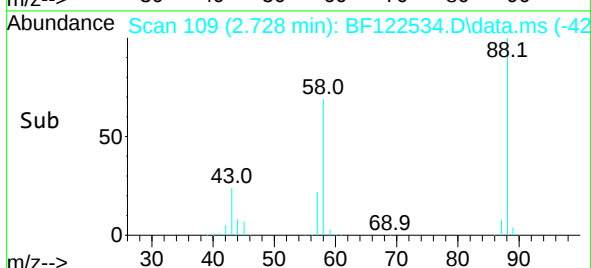
mohammad
 12/7/2020 8:52:45 AM

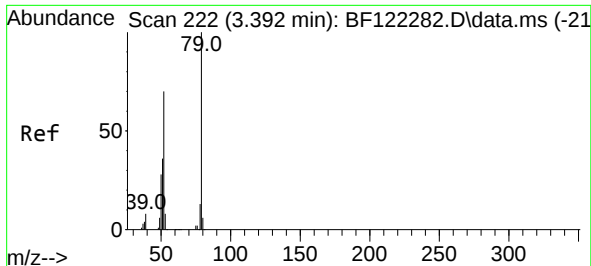


#2
 1,4-Dioxane
 Concen: 35.39 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.094 min
 Lab File: BF122534.D
 Acq: 3 Dec 2020 13:06



Tgt Ion: 88 Resp: 236851
 Ion Ratio Lower Upper
 88 100
 58 70.4 65.8 98.8
 43 27.4 25.8 38.8





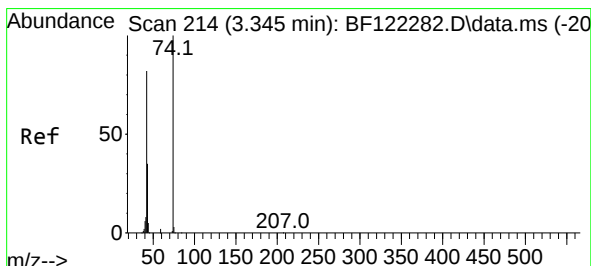
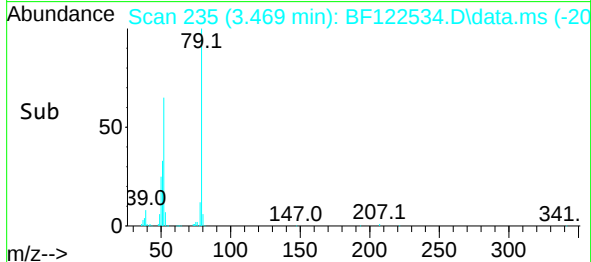
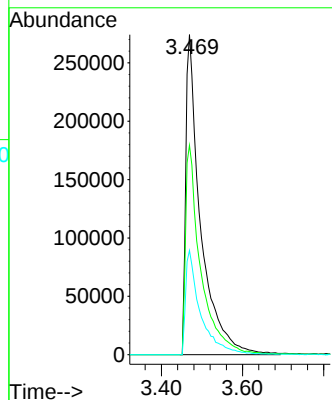
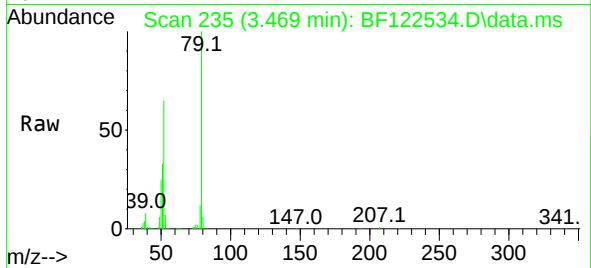
#3
Pyridine
Concen: 37.67 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.088 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 79 Resp: 693329
Ion Ratio Lower Upper
79 100
52 65.5 62.2 93.4
51 32.6 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
PB133368BS

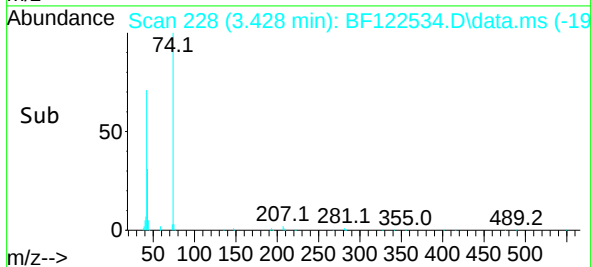
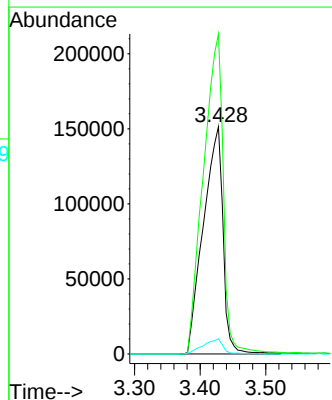
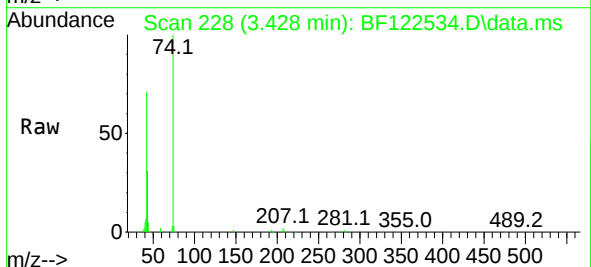
Manual Integrations
APPROVED

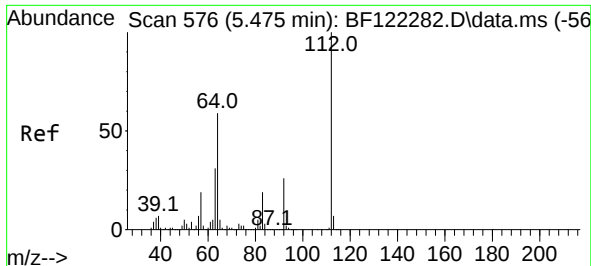
mohammad
12/7/2020 8:52:45 AM



#4
n-Nitrosodimethylamine
Concen: 36.37 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 42 Resp: 315628
Ion Ratio Lower Upper
42 100
74 140.9 100.2 150.2
44 6.7 5.8 8.6





#5
2-Fluorophenol
Concen: 116.15 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

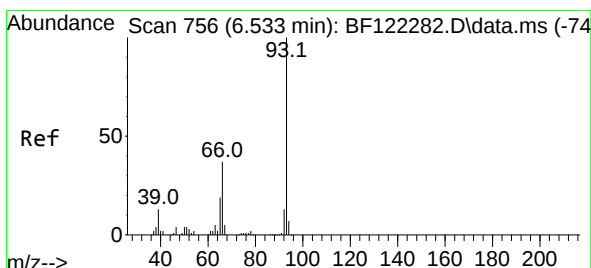
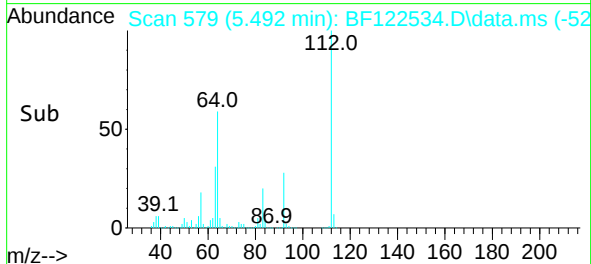
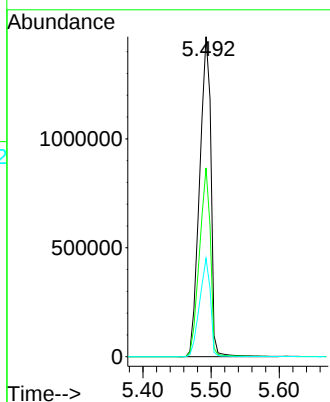
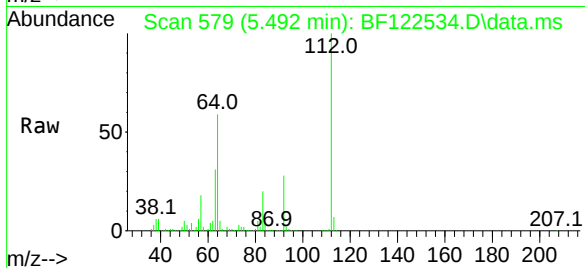
Tgt Ion: 112 Resp: 1695104

Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.4	75.6
63	30.7	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

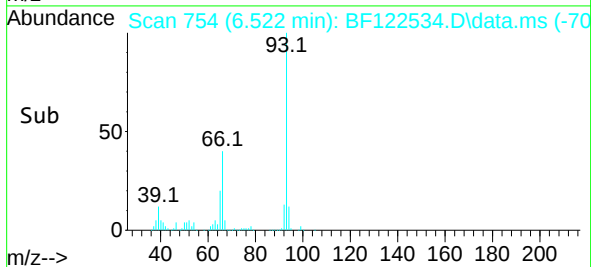
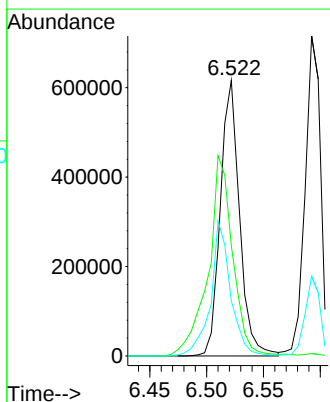
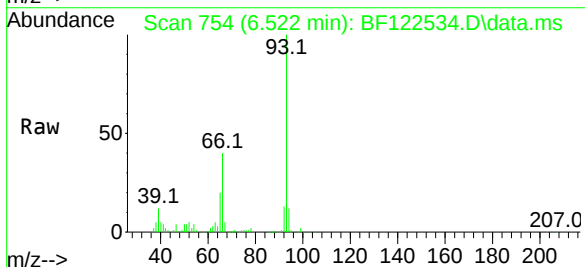
mohammad
12/7/2020 8:52:45 AM

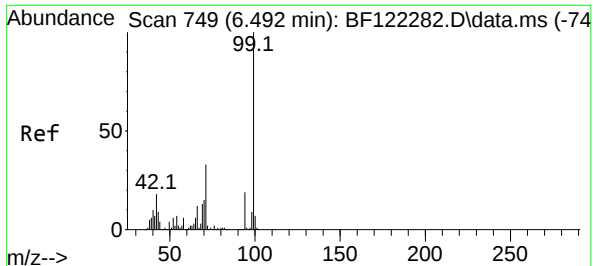


#6
Aniline
Concen: 28.97 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 93 Resp: 725728

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.7	49.1
65	20.0	16.6	24.8





#7
Phenol-d6
Concen: 114.35 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

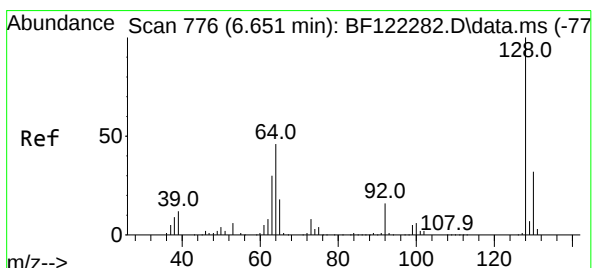
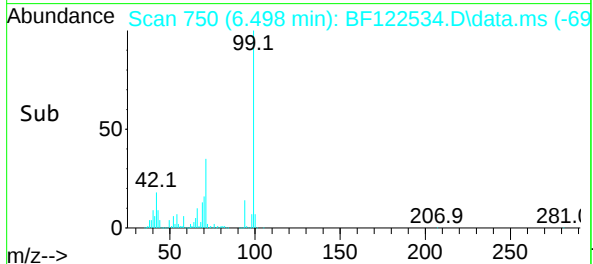
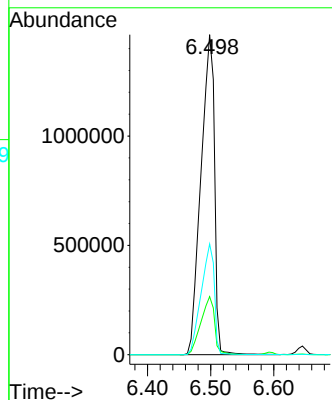
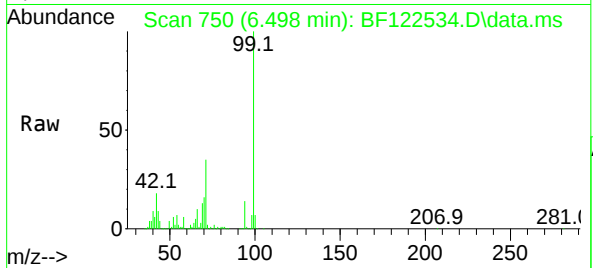
Tgt Ion: 99 Resp: 2183268

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.9	23.9
71	34.6	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

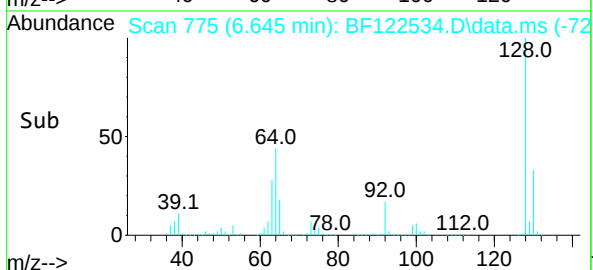
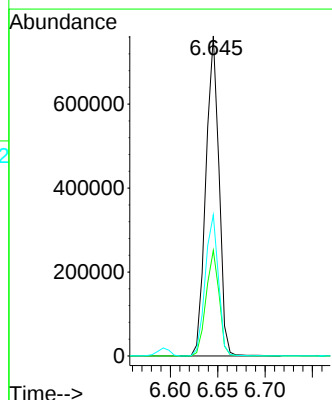
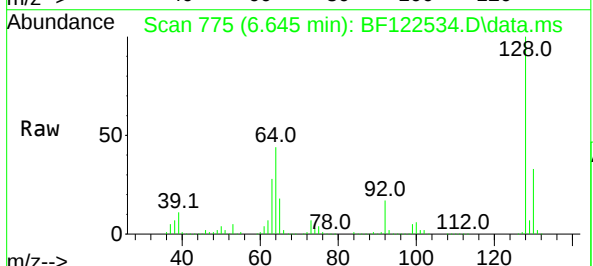
mohammad
12/7/2020 8:52:45 AM

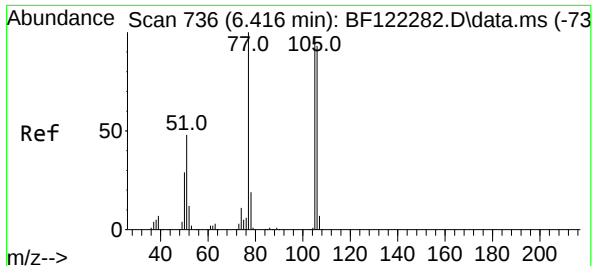


#8
2-Chlorophenol
Concen: 48.43 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 128 Resp: 732938

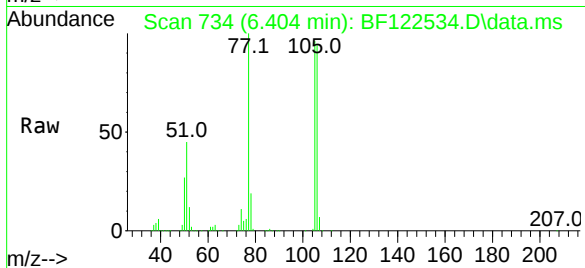
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	44.1	34.8	74.8





#9
Benzaldehyde
Concen: 40.93 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

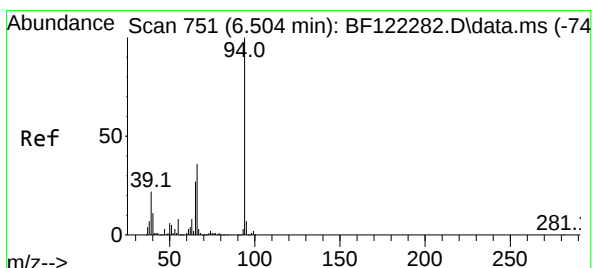
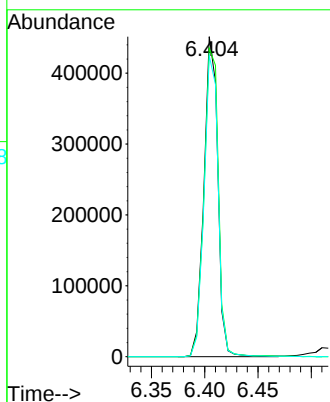
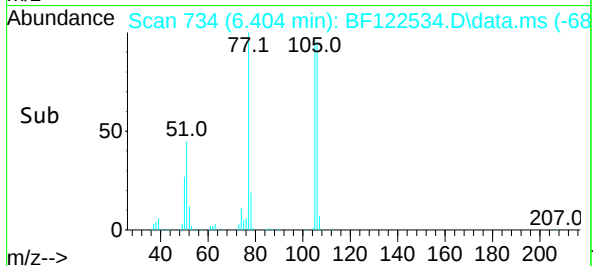
Instrument :
BNA_F
ClientSampleId :
PB133368BS



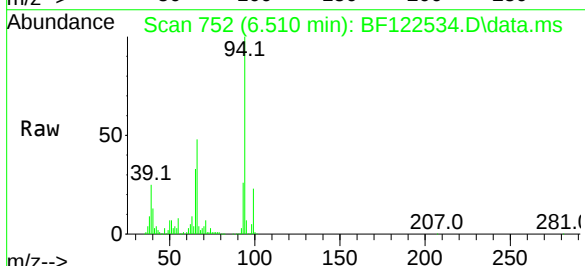
Tgt Ion: 77 Resp: 410552
Ion Ratio Lower Upper
77 100
105 96.3 76.7 116.7
106 94.0 71.3 111.3

Manual Integrations
APPROVED

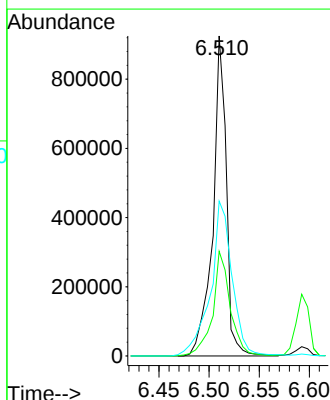
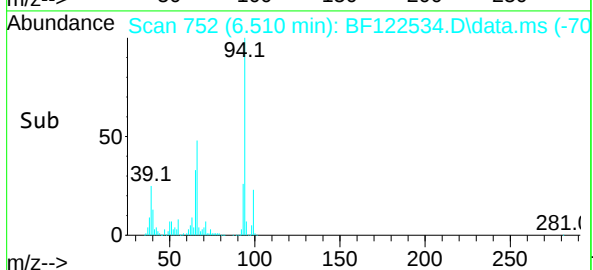
mohammad
12/7/2020 8:52:45 AM

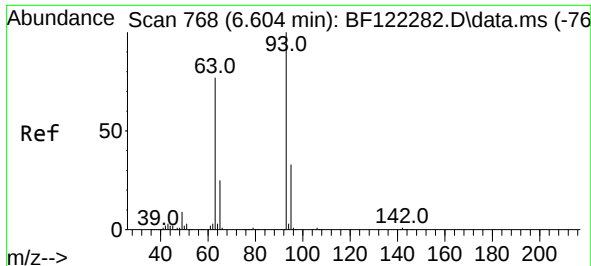


#10
Phenol
Concen: 45.91 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



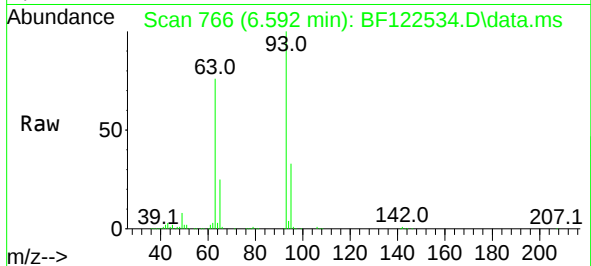
Tgt Ion: 94 Resp: 863080
Ion Ratio Lower Upper
94 100
65 32.7 17.1 57.1
66 48.4 36.0 76.0





#11
bis(2-Chloroethyl)ether
Concen: 44.99 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

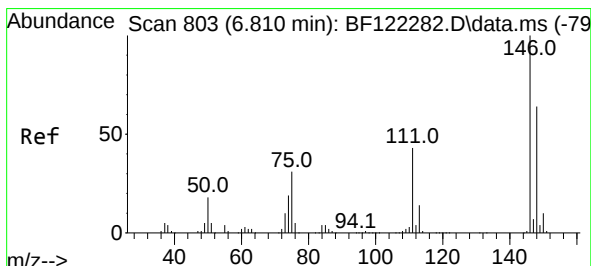
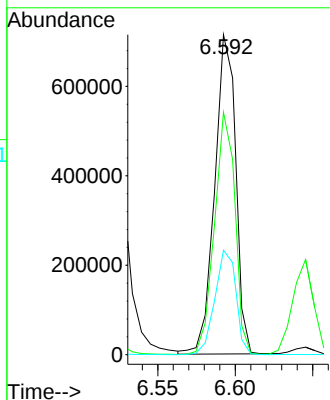
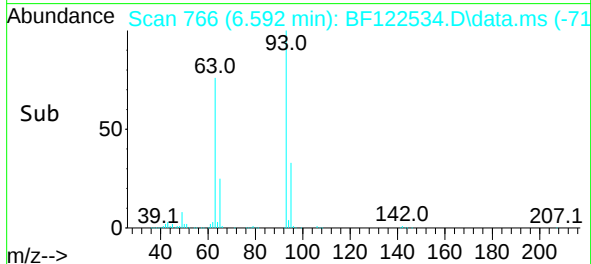
Instrument :
BNA_F
ClientSampleId :
PB133368BS



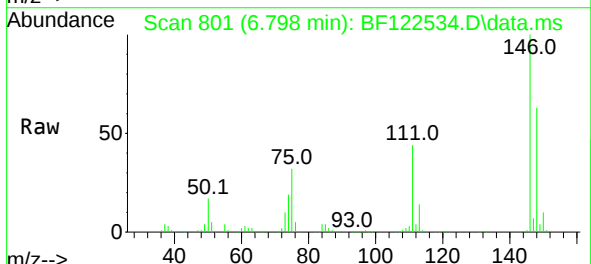
Tgt Ion: 93 Resp: 672377
Ion Ratio Lower Upper
93 100
63 75.8 62.4 102.4
95 32.7 12.6 52.6

Manual Integrations
APPROVED

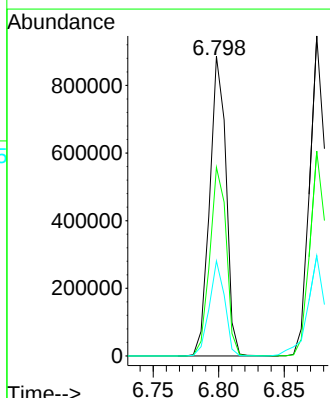
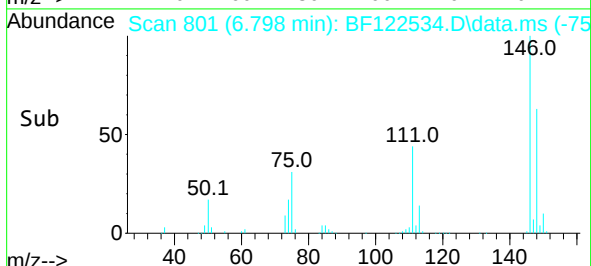
mohammad
12/7/2020 8:52:45 AM

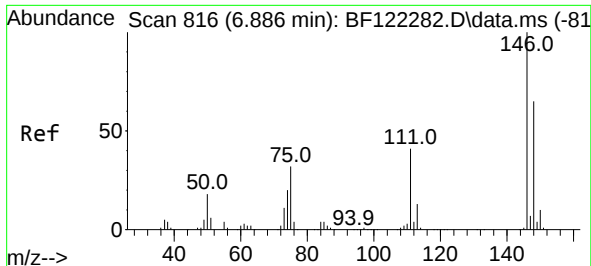


#12
1,3-Dichlorobenzene
Concen: 44.83 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion: 146 Resp: 770238
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
75 31.7 27.6 41.4





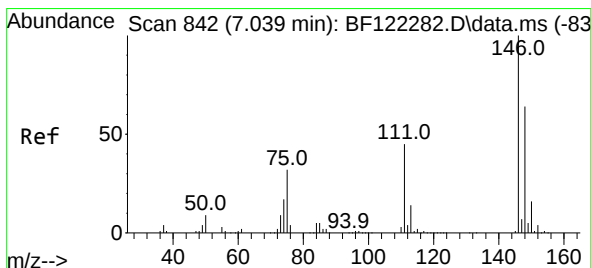
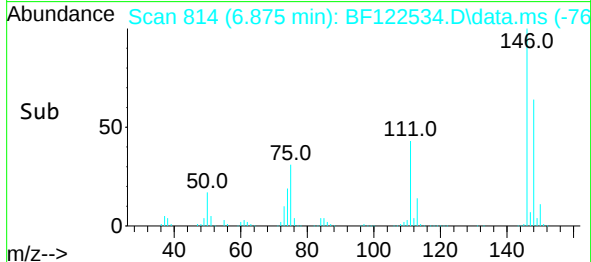
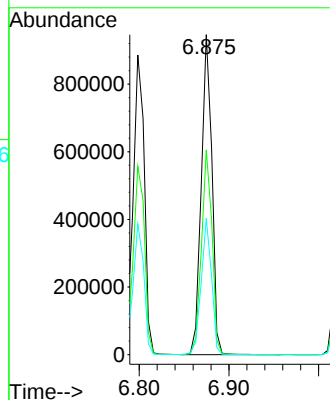
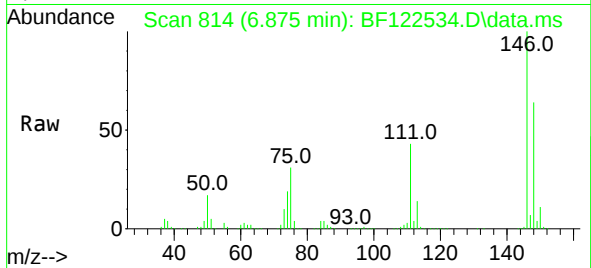
#13
1,4-Dichlorobenzene
Concen: 45.02 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:146 Resp: 777009
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 42.6 34.6 52.0

Instrument :
BNA_F
ClientSampleId :
PB133368BS

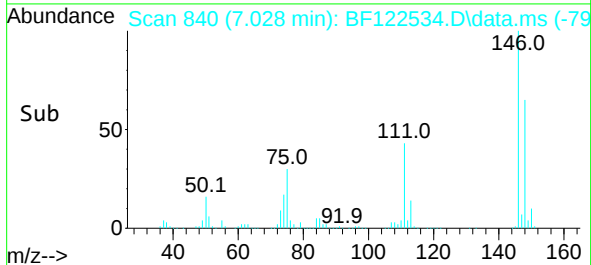
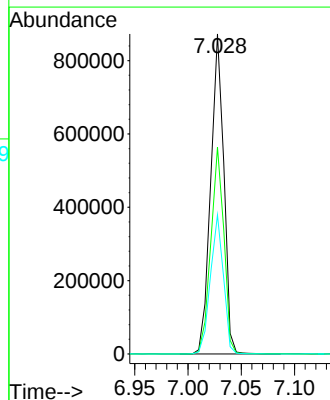
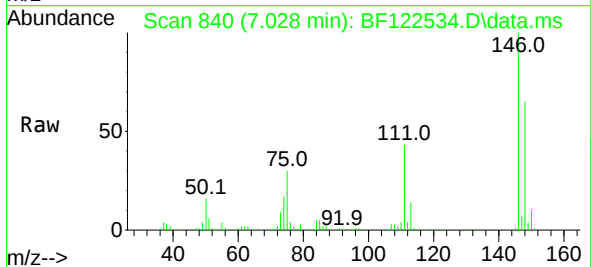
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#14
1,2-Dichlorobenzene
Concen: 46.41 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:146 Resp: 747586
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 43.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 43.49 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF122534.D

Acq: 3 Dec 2020 13:06

Tgt Ion:	79	Resp:	590271
Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.3	93.5
77	61.9	50.6	75.8

Instrument :

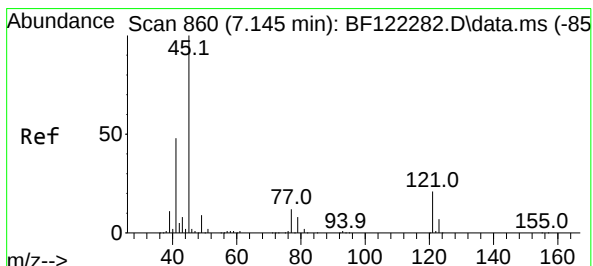
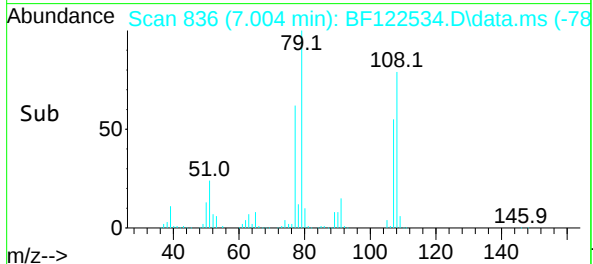
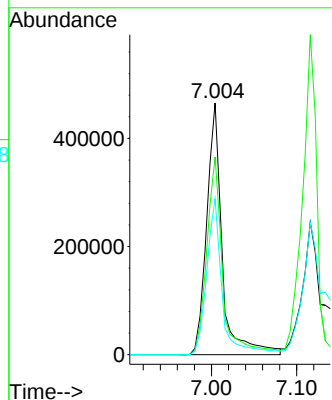
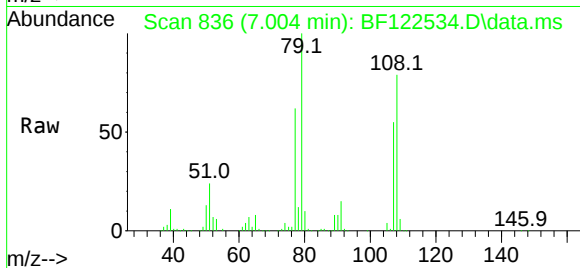
BNA_F

ClientSampleId :

PB133368BS

Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.04 ng

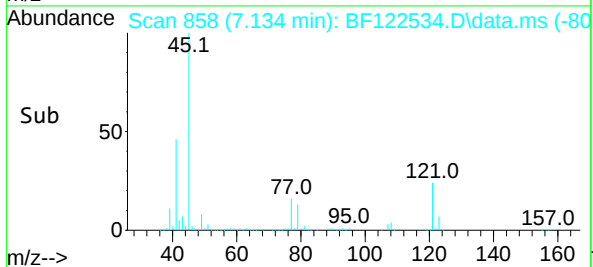
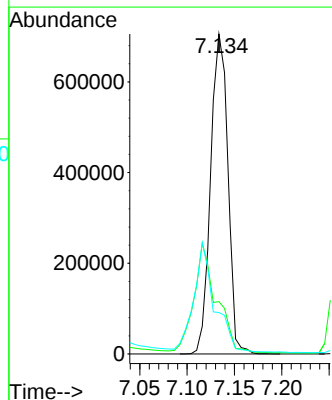
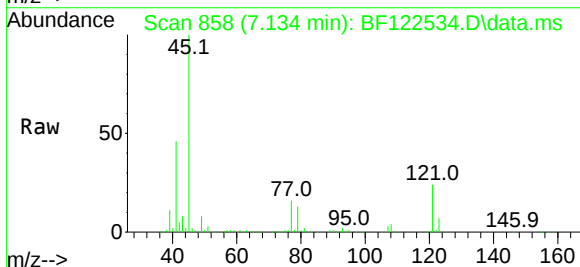
RT: 7.134 min Scan# 858

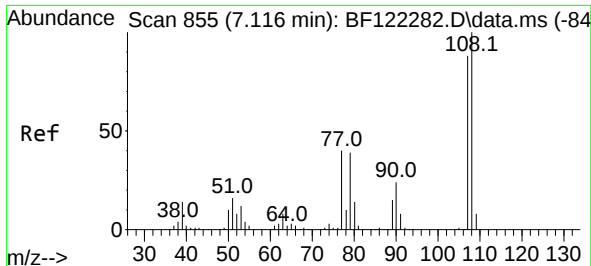
Delta R.T. -0.000 min

Lab File: BF122534.D

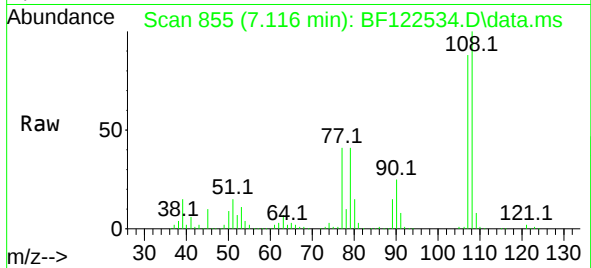
Acq: 3 Dec 2020 13:06

Tgt Ion:	45	Resp:	893797
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	33.3
79	12.9	0.0	30.4

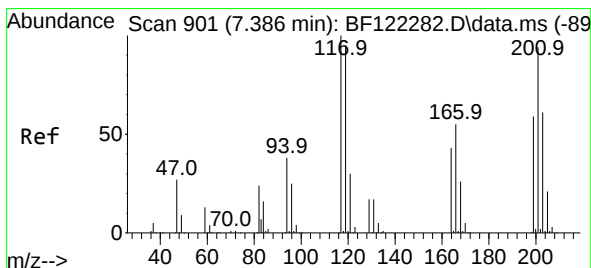
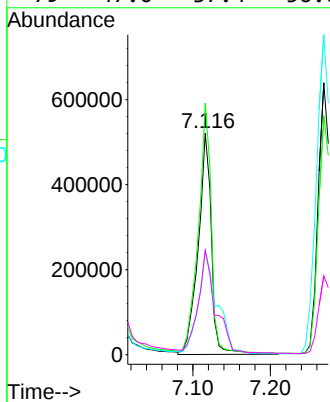
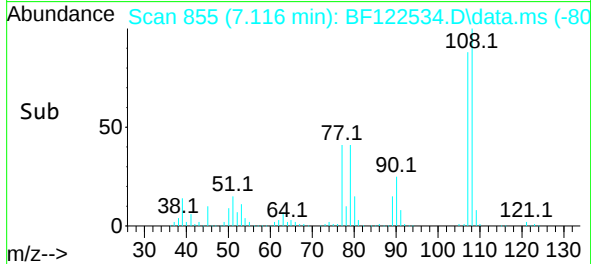




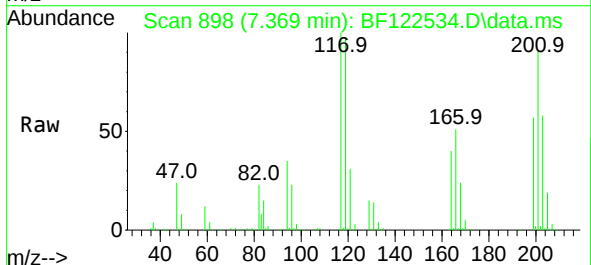
#17
2-Methylphenol
Concen: 48.87 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



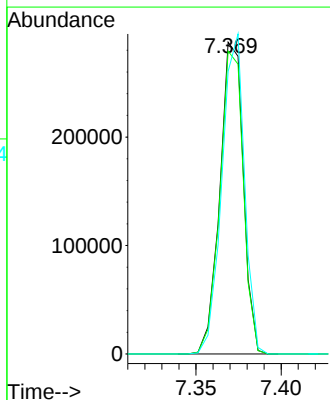
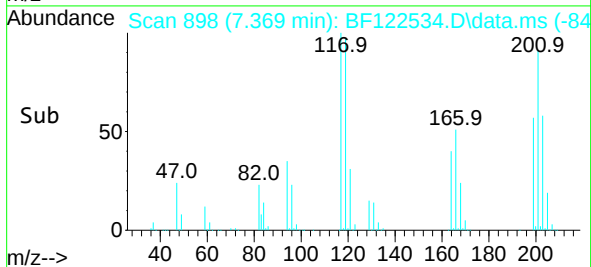
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.9	136.3
77	46.9	37.5	56.3
79	47.0	37.4	56.0



#18
Hexachloroethane
Concen: 45.82 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



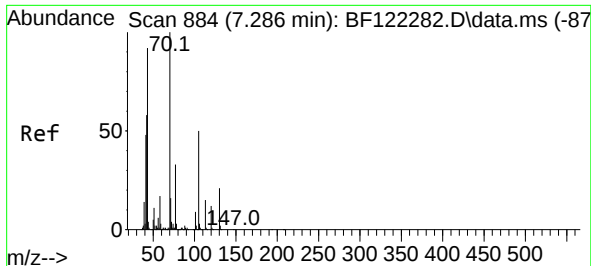
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.3	114.5
201	90.6	71.8	107.6



Instrument :
BNA_F
ClientSampleId :
PB133368BS

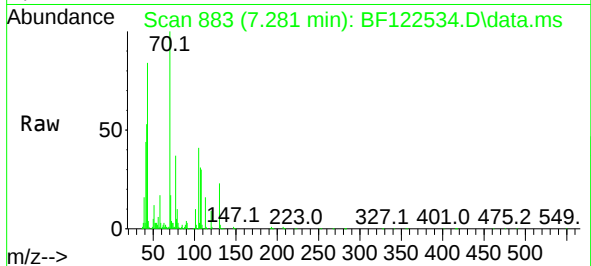
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM

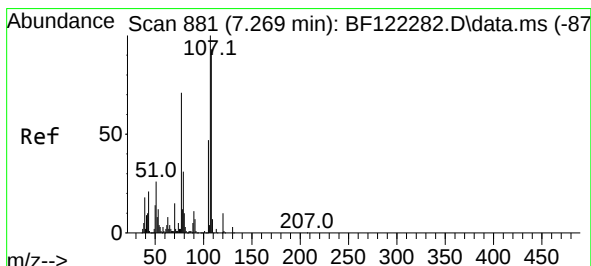
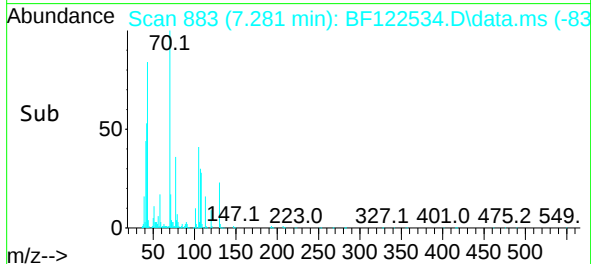
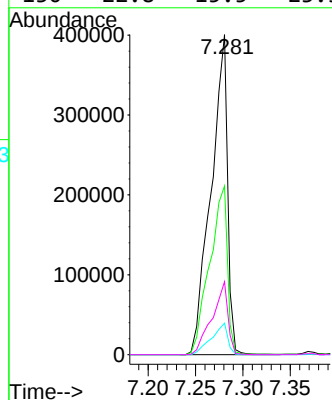


#19
n-Nitroso-di-n-propylamine
Concen: 42.56 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Instrument :
BNA_F
ClientSampleId :
PB133368BS

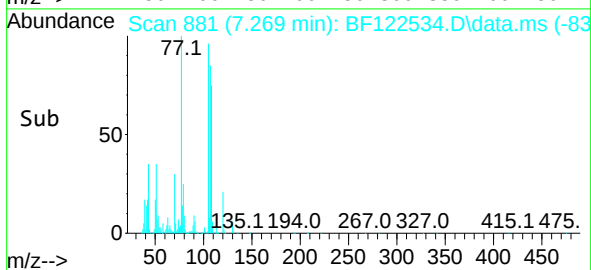
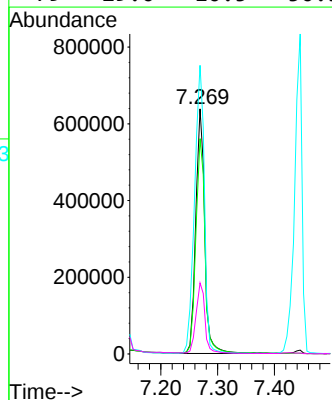
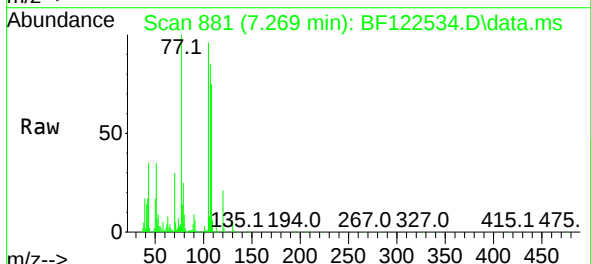


Tgt Ion:	70	Resp:	485579
Ion	Ratio	Lower	Upper
70	100		
42	52.7	50.2	75.4
101	9.8	7.5	11.3
130	22.8	15.5	23.3



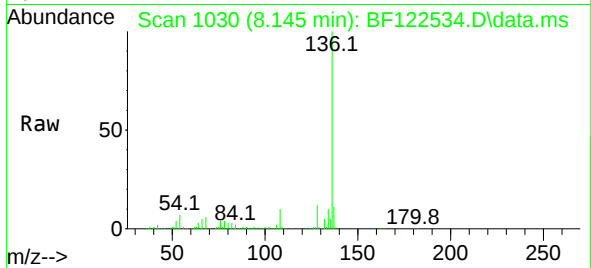
#20
3+4-Methylphenols
Concen: 45.19 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:	107	Resp:	702495
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.9	108.9
77	117.7	108.0	148.0
79	29.0	10.5	50.5

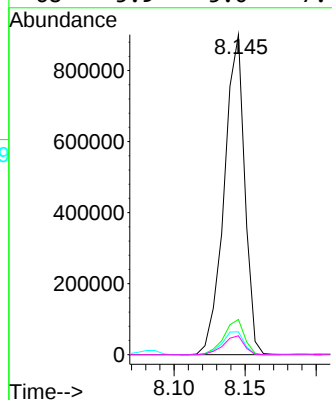




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



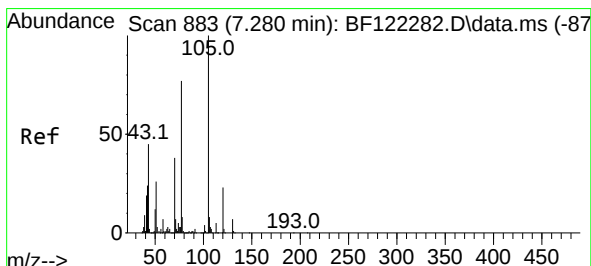
Tgt Ion:136 Resp: 901938
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 7.1 10.7
68 5.9 5.0 7.4



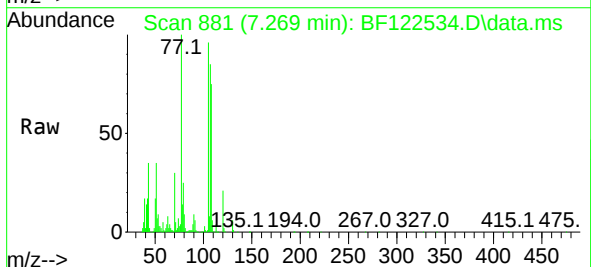
Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

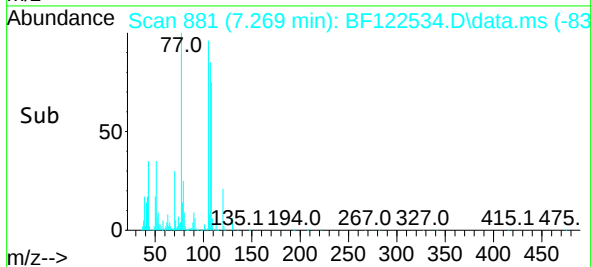
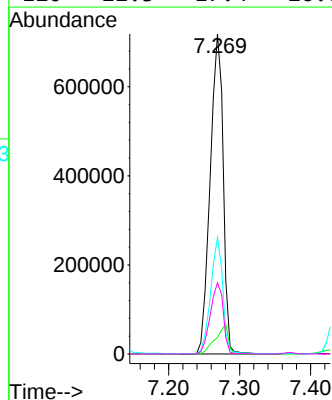
mohammad
12/7/2020 8:52:45 AM

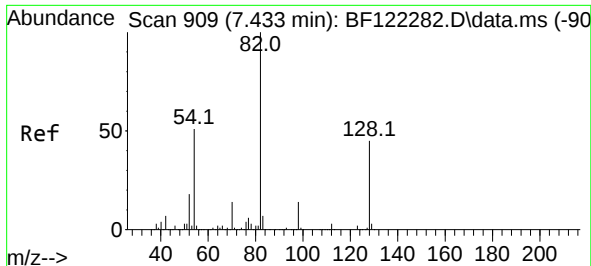


#22
Acetophenone
Concen: 39.01 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:105 Resp: 916493
Ion Ratio Lower Upper
105 100
71 5.2 5.3 7.9#
51 36.4 33.2 49.8
120 22.3 17.4 26.0





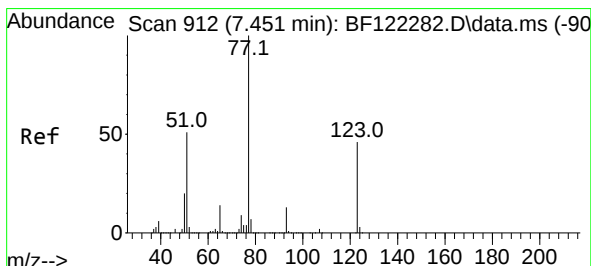
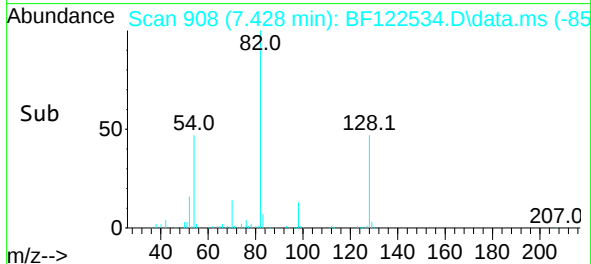
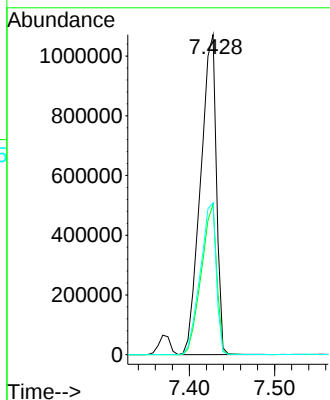
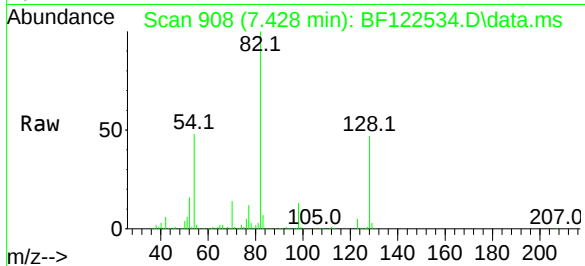
#23
Nitrobenzene-d5
Concen: 93.72 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 82 Resp: 1380775
Ion Ratio Lower Upper
82 100
128 47.1 35.0 52.4
54 47.5 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
PB133368BS

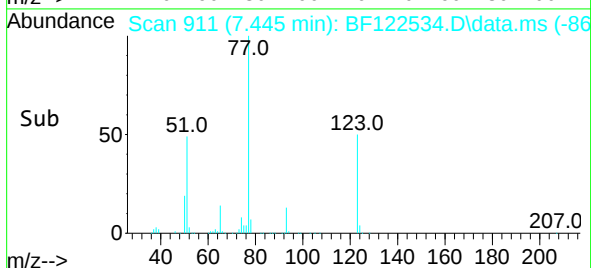
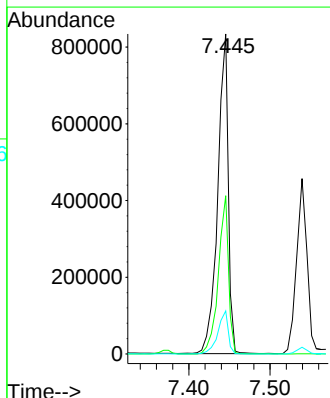
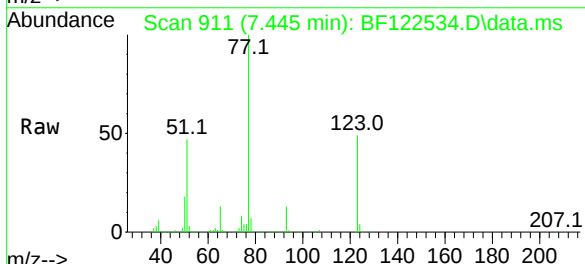
Manual Integrations
APPROVED

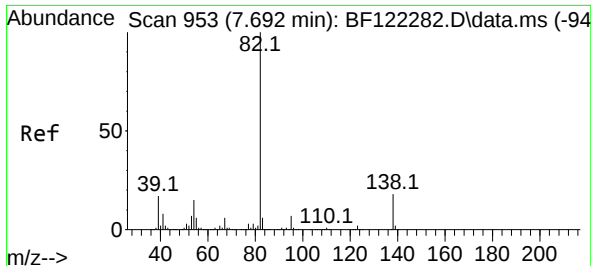
mohammad
12/7/2020 8:52:45 AM



#24
Nitrobenzene
Concen: 44.73 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 77 Resp: 753920
Ion Ratio Lower Upper
77 100
123 49.4 35.6 53.4
65 13.5 11.2 16.8





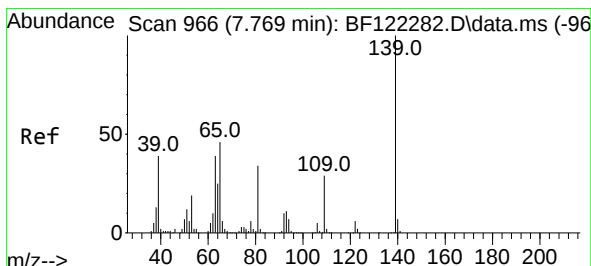
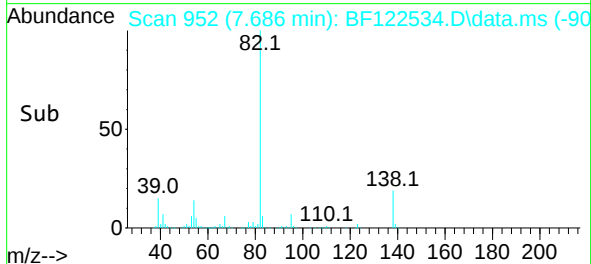
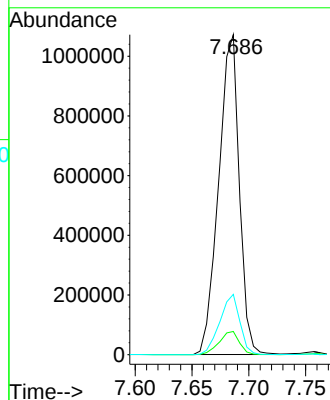
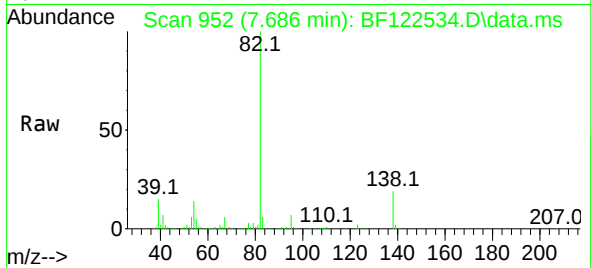
#25
Isophorone
Concen: 41.26 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion: 82 Resp: 1355290
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 18.9 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
PB133368BS

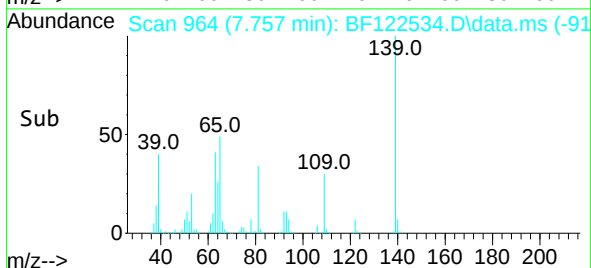
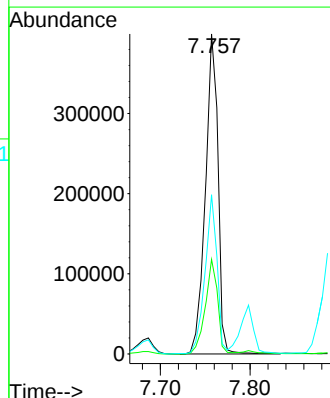
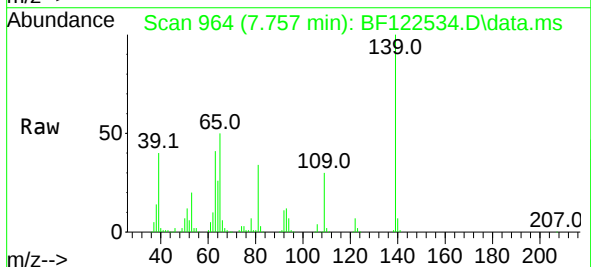
Manual Integrations
APPROVED

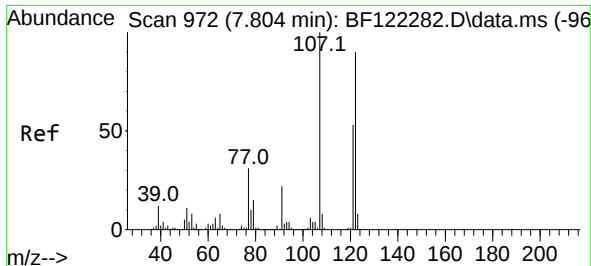
mohammad
12/7/2020 8:52:45 AM



#26
2-Nitrophenol
Concen: 52.58 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:139 Resp: 390363
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.4
65 49.7 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 42.08 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.000 min

Lab File: BF122534.D

Acq: 3 Dec 2020 13:06

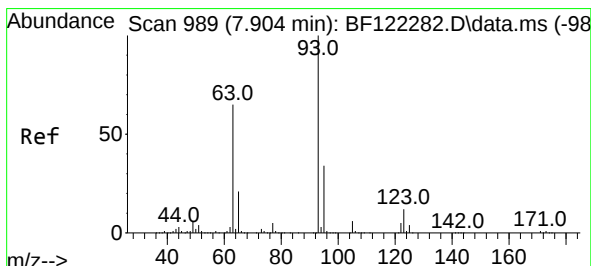
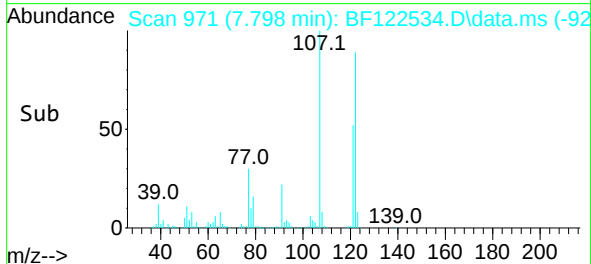
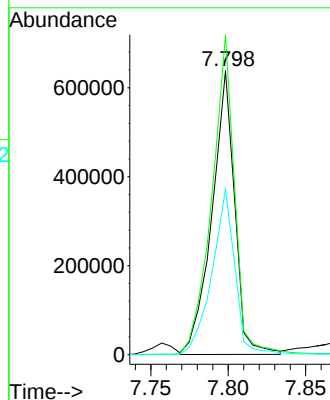
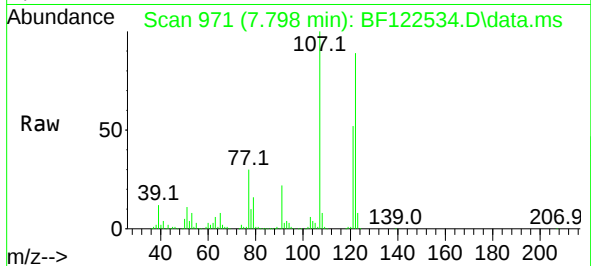
Tgt Ion:122 Resp: 651883

Ion Ratio Lower Upper

122 100

107 112.7 90.8 136.2

121 58.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.53 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF122534.D

Acq: 3 Dec 2020 13:06

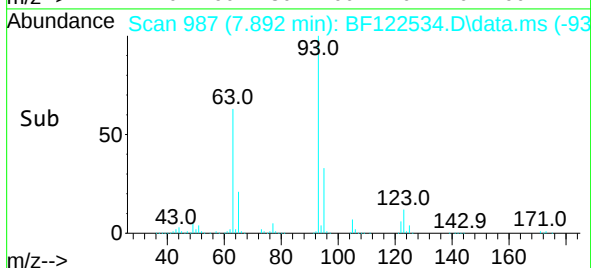
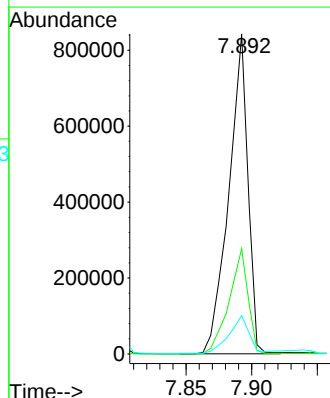
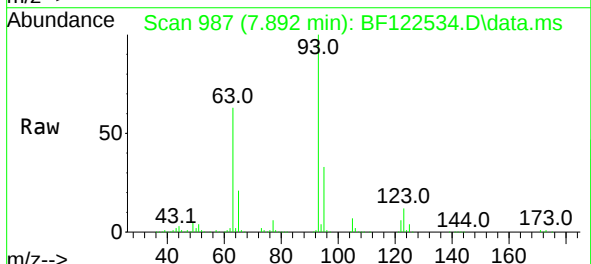
Tgt Ion: 93 Resp: 854382

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.0 8.8 13.2



Instrument :

BNA_F

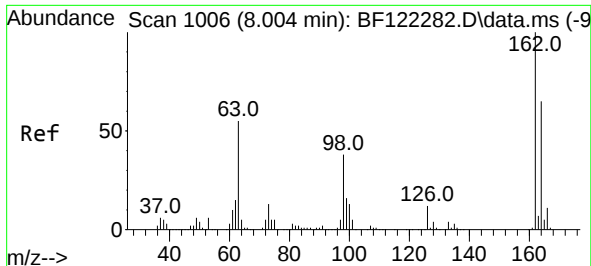
ClientSampleId :

PB133368BS

Manual Integrations

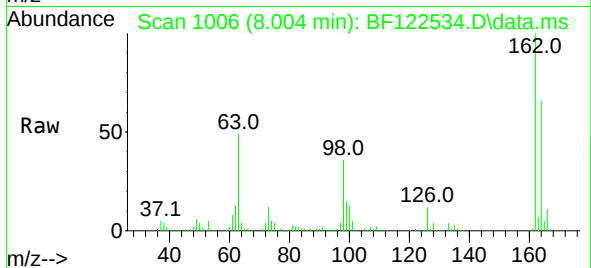
APPROVED

mohammad
12/7/2020 8:52:45 AM



#29
2,4-Dichlorophenol
Concen: 46.68 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

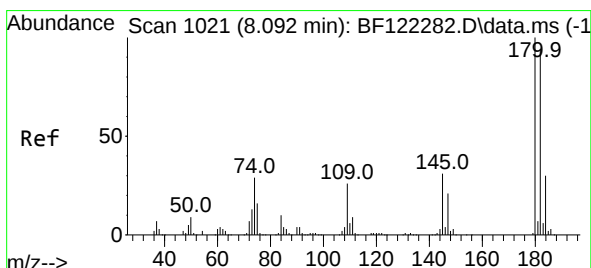
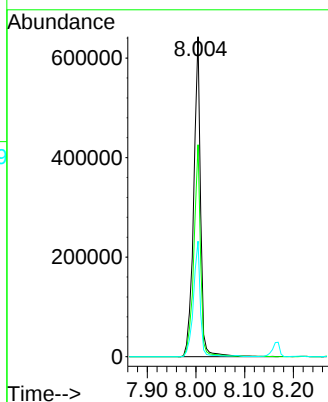
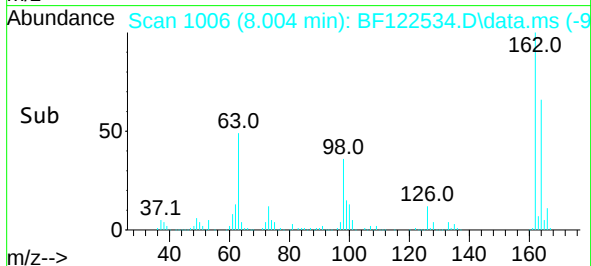
Instrument :
BNA_F
ClientSampleId :
PB133368BS



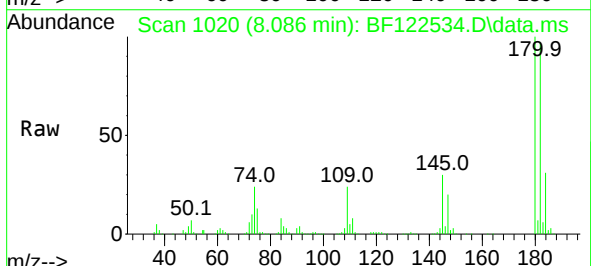
Tgt Ion:162 Resp: 640310
Ion Ratio Lower Upper
162 100
164 66.2 42.5 82.5
98 36.1 20.1 60.1

Manual Integrations
APPROVED

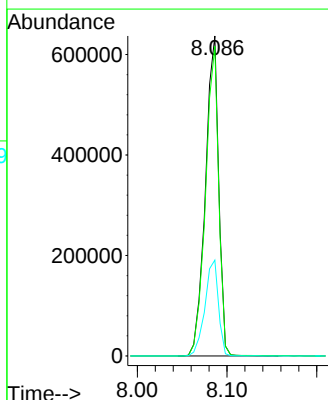
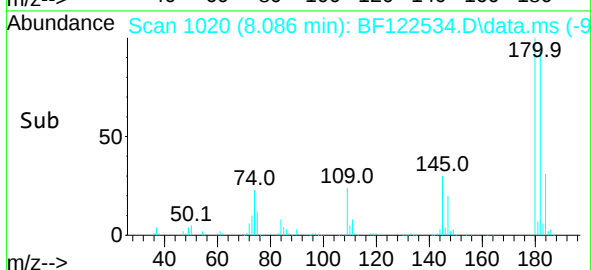
mohammad
12/7/2020 8:52:45 AM

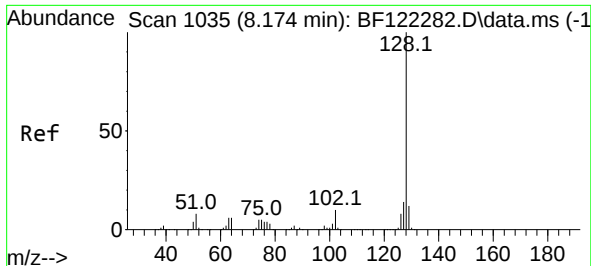


#30
1,2,4-Trichlorobenzene
Concen: 43.41 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

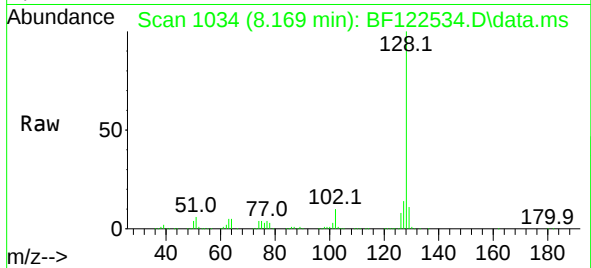


Tgt Ion:180 Resp: 657112
Ion Ratio Lower Upper
180 100
182 96.8 79.4 119.2
145 29.9 25.5 38.3

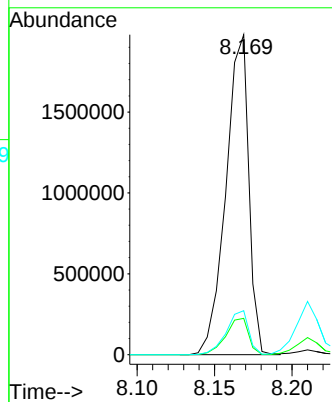
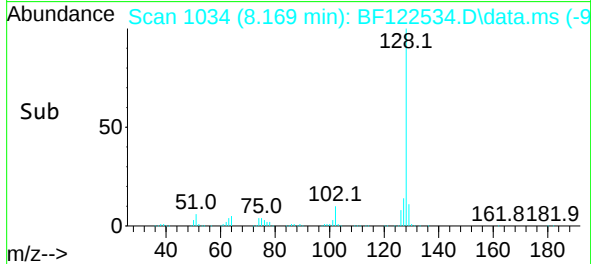




#31
Naphthalene
Concen: 42.30 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



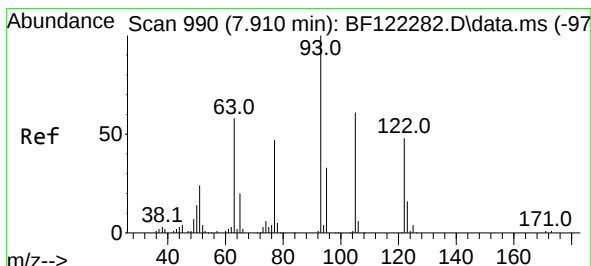
Tgt Ion:128 Resp: 2028506
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.8 10.8 16.2



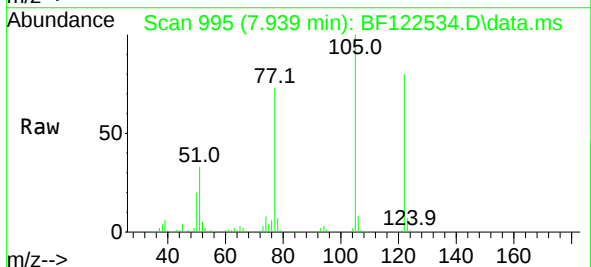
Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

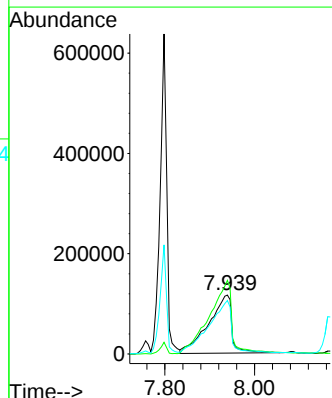
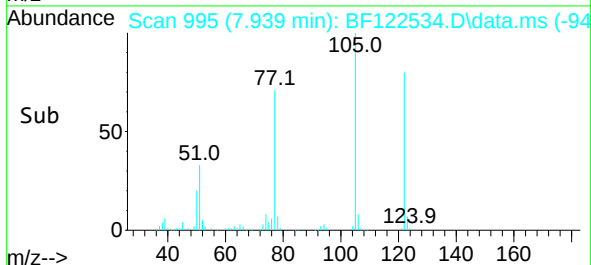
mohammad
12/7/2020 8:52:45 AM

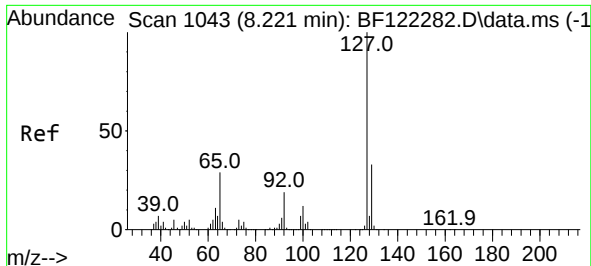


#32
Benzoic acid
Concen: 48.85 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:122 Resp: 420386
Ion Ratio Lower Upper
122 100
105 125.0 103.3 143.3
77 90.6 73.9 113.9





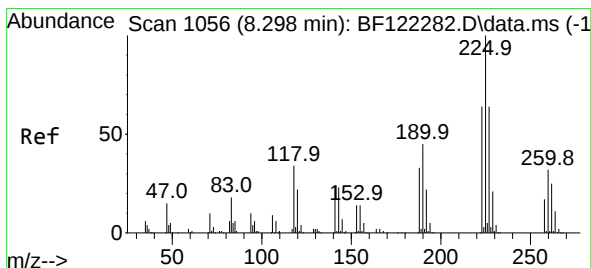
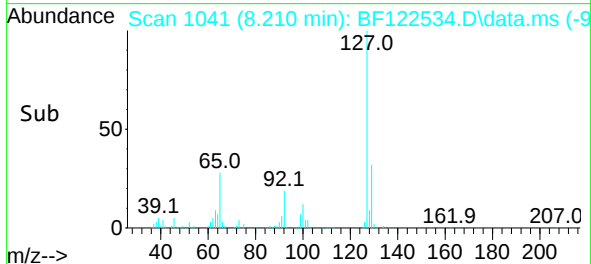
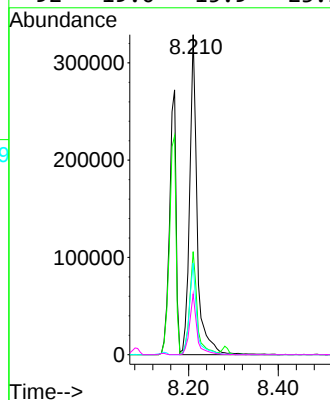
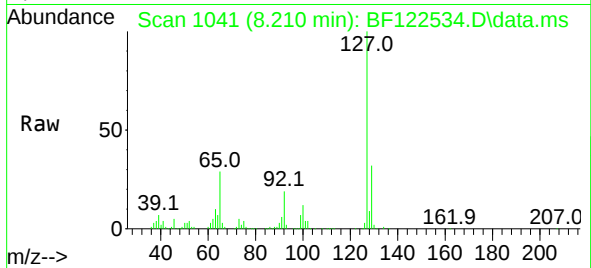
#33
4-Chloroaniline
Concen: 18.52 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	28.6	26.2	39.2
92	19.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
PB133368BS

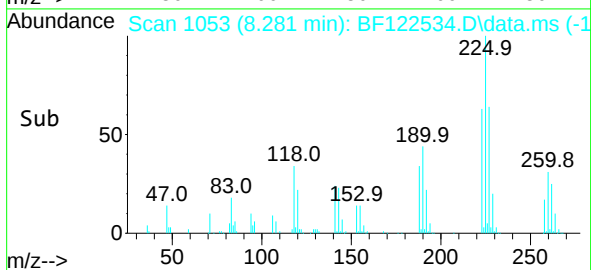
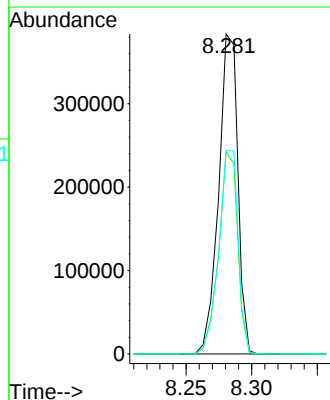
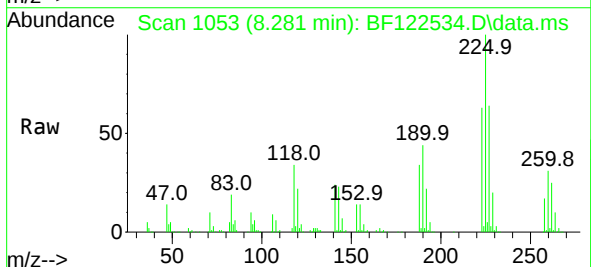
Manual Integrations
APPROVED

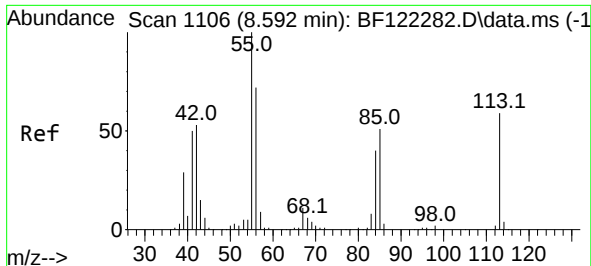
mohammad
12/7/2020 8:52:45 AM



#34
Hexachlorobutadiene
Concen: 44.75 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	63.7	51.0	76.6





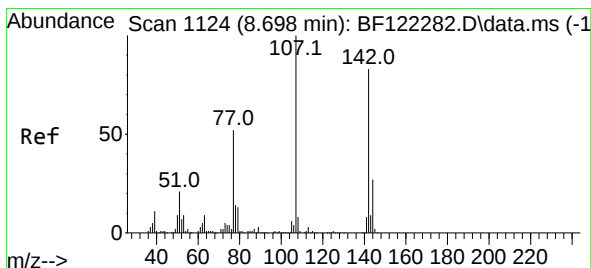
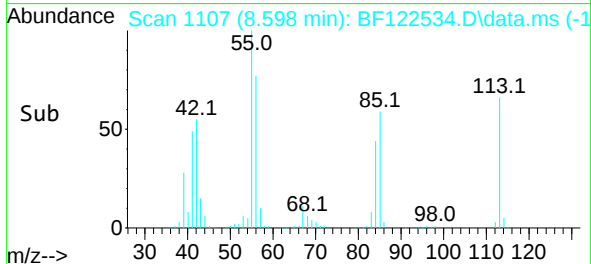
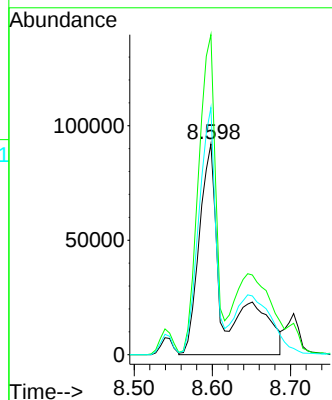
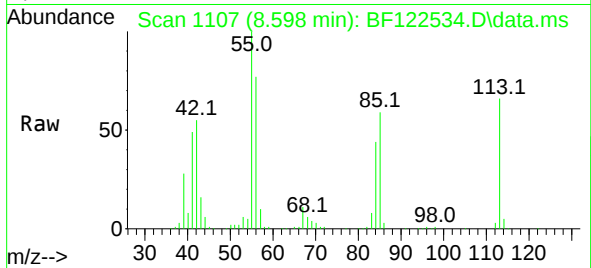
#35
Caprolactam
Concen: 47.63 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:113 Resp: 207085
Ion Ratio Lower Upper
113 100
55 151.9 167.5 207.5#
56 117.3 121.2 161.2#

Instrument :
BNA_F
ClientSampleId :
PB133368BS

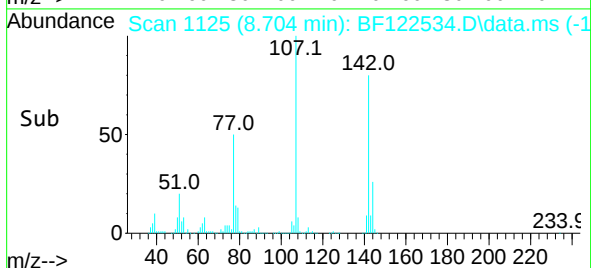
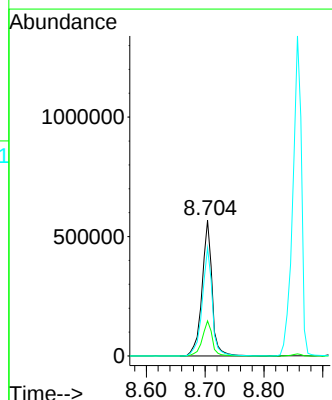
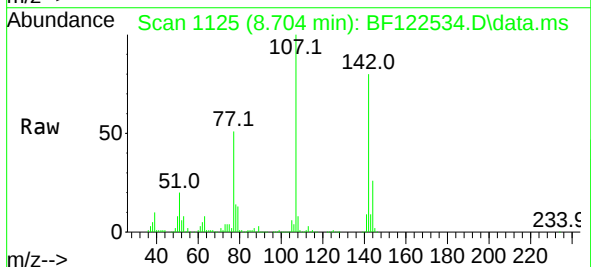
Manual Integrations
APPROVED

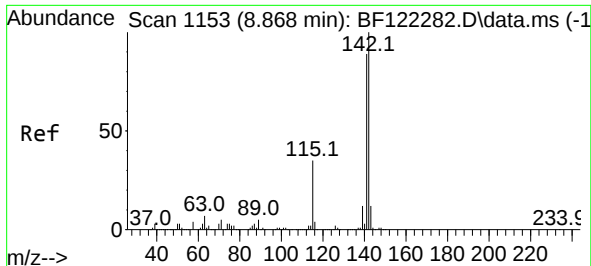
mohammad
12/7/2020 8:52:45 AM



#36
4-Chloro-3-methylphenol
Concen: 47.26 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:107 Resp: 676016
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 79.6 59.3 88.9





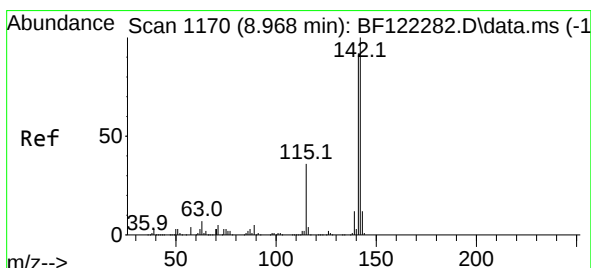
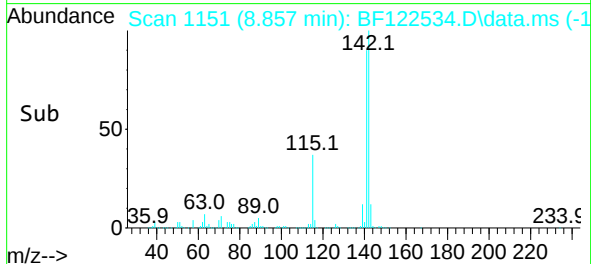
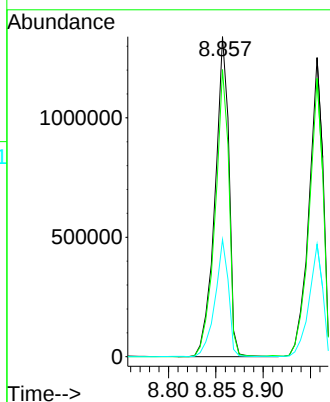
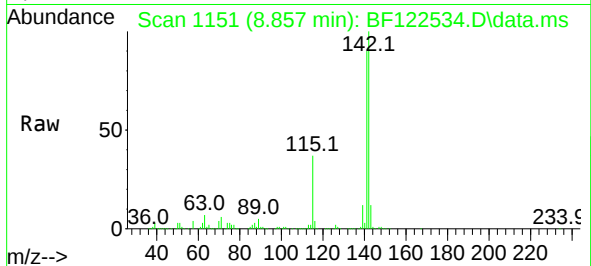
#37
2-Methylnaphthalene
Concen: 43.56 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Instrument :
BNA_F
ClientSampleId :
PB133368BS

Tgt Ion:142 Resp: 1380078
Ion Ratio Lower Upper
142 100
141 89.7 70.2 105.4
115 36.6 28.6 43.0

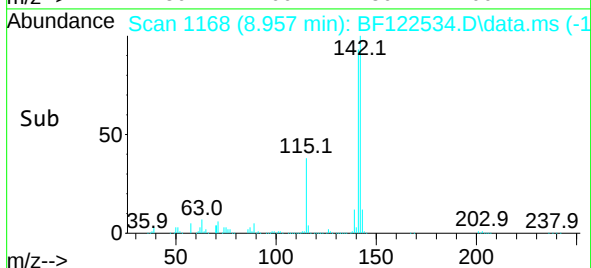
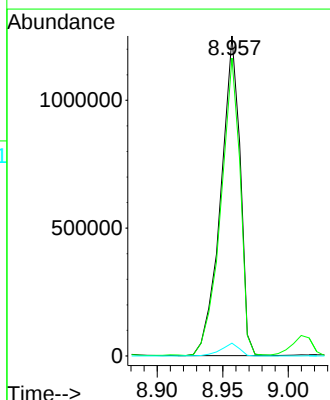
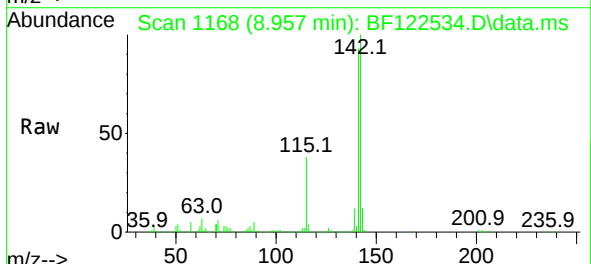
Manual Integrations
APPROVED

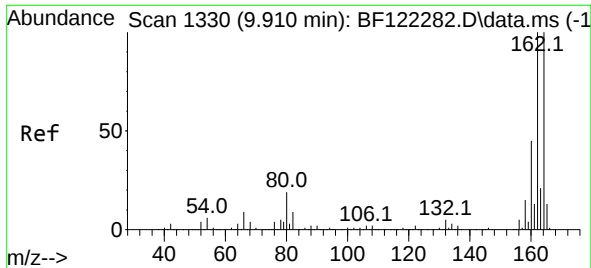
mohammad
12/7/2020 8:52:45 AM



#38
1-Methylnaphthalene
Concen: 43.25 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

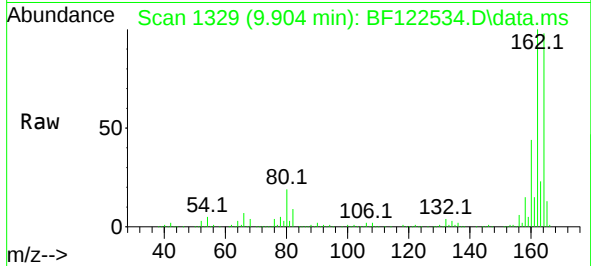
Tgt Ion:142 Resp: 1282391
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

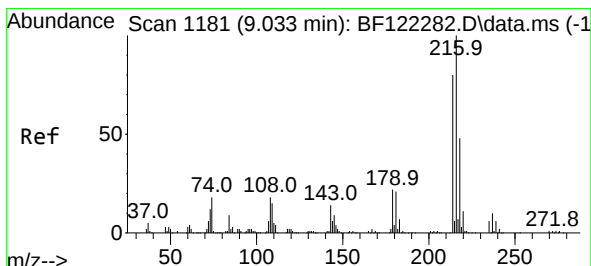
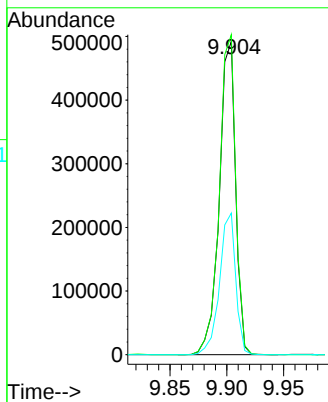
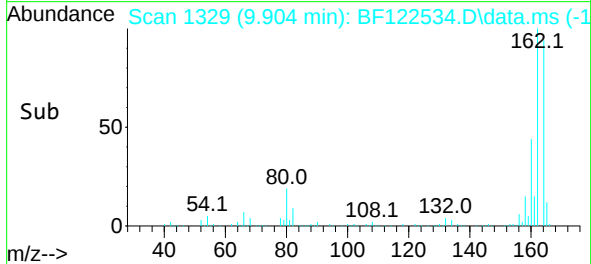
Instrument :
BNA_F
ClientSampleId :
PB133368BS



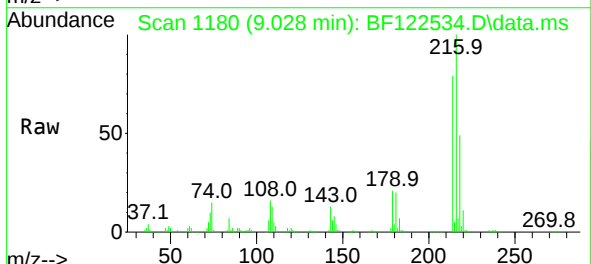
Tgt Ion:164 Resp: 494039
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 45.2 37.5 56.3

Manual Integrations
APPROVED

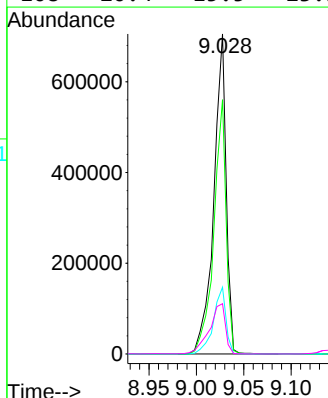
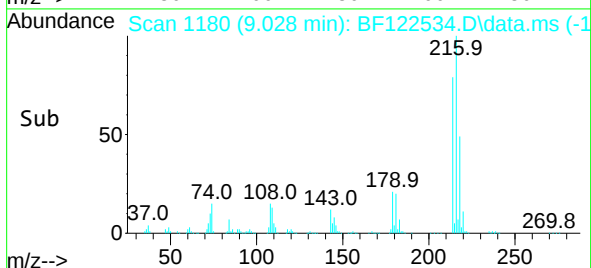
mohammad
12/7/2020 8:52:45 AM

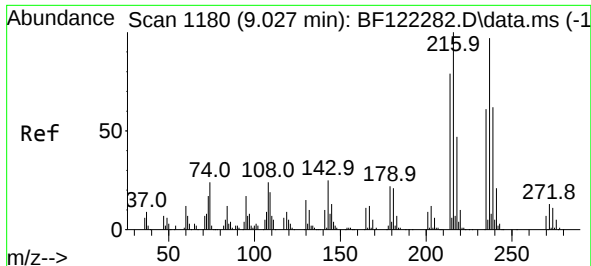


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.07 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

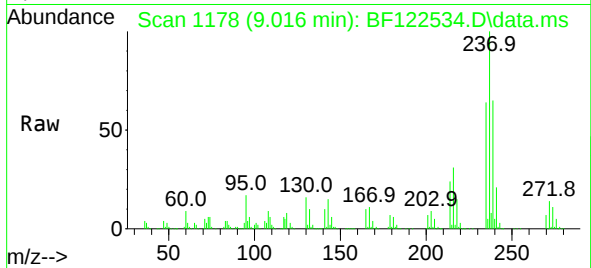


Tgt Ion:216 Resp: 640435
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.1 17.0 25.6
108 20.4 15.5 23.3

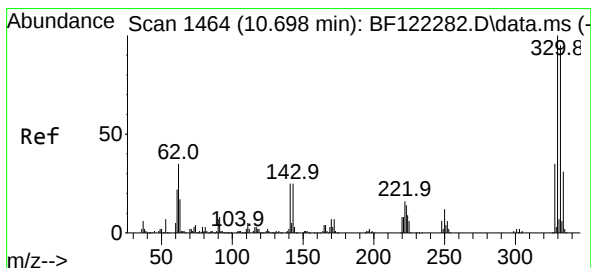
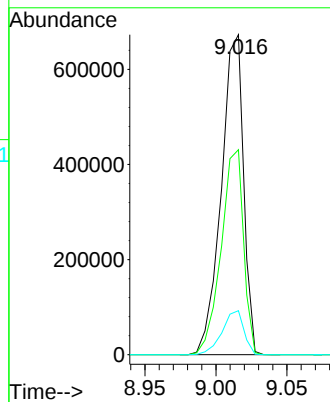
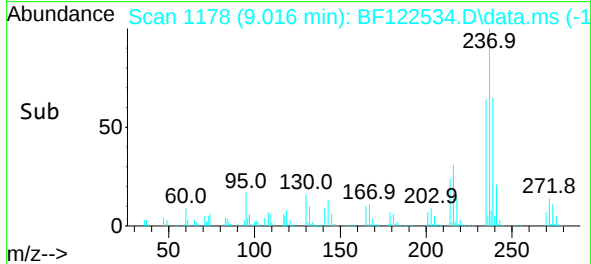




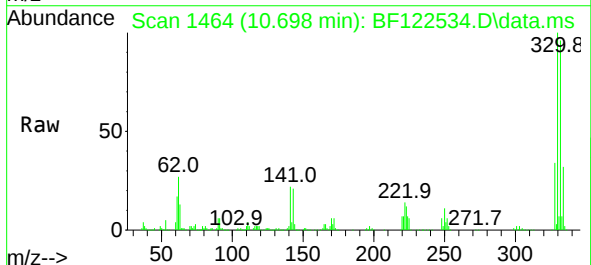
#41
Hexachlorocyclopentadiene
Concen: 82.42 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



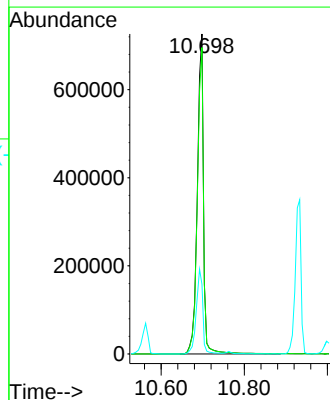
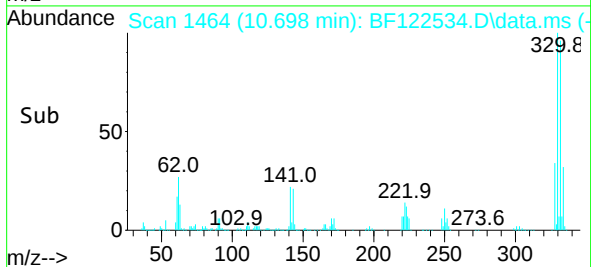
Tgt Ion:237 Resp: 733651
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 141.93 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:330 Resp: 752572
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 27.7 22.3 33.5



Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



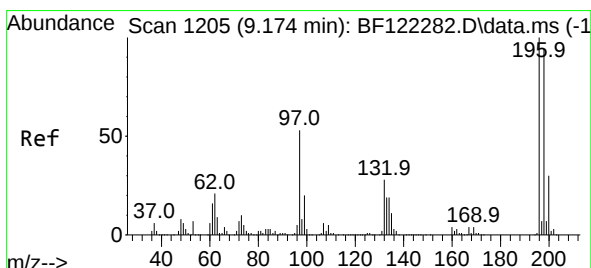
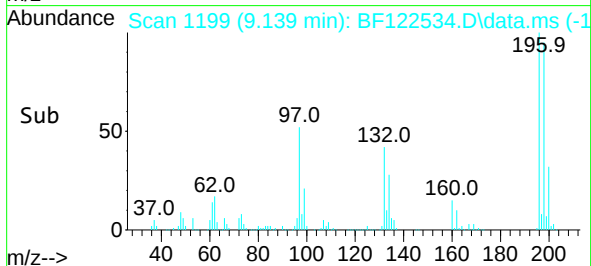
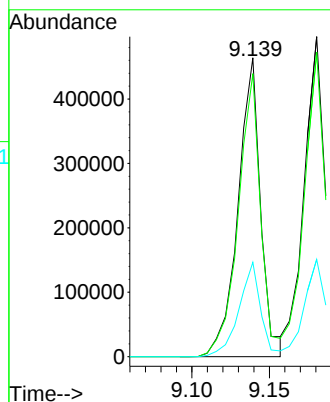
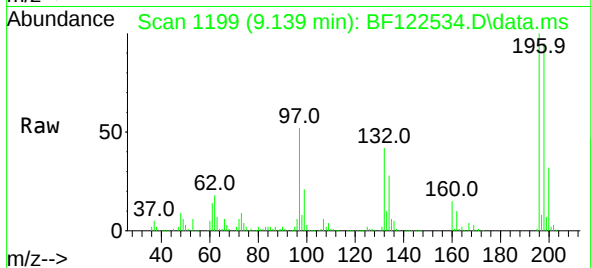
#43
2,4,6-Trichlorophenol
Concen: 47.47 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:196 Resp: 469293
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 31.6 24.6 36.8

Instrument :
BNA_F
ClientSampled :
PB133368BS

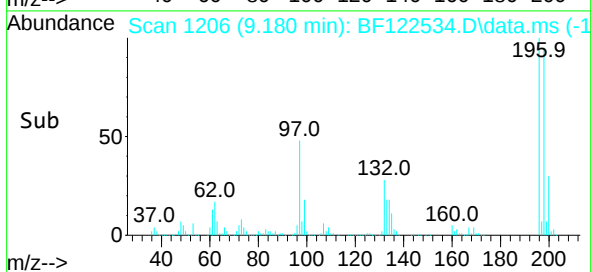
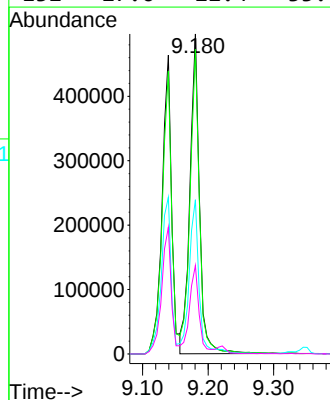
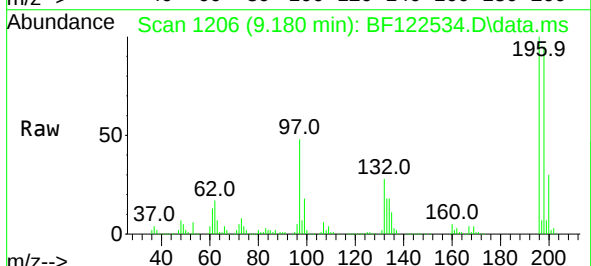
Manual Integrations
APPROVED

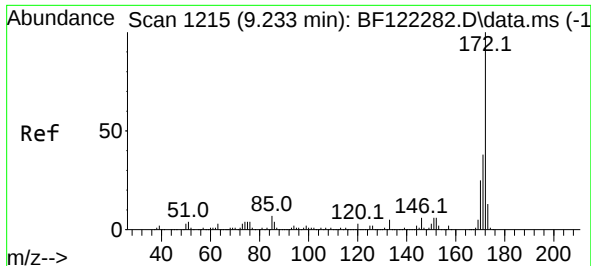
mohammad
12/7/2020 8:52:45 AM



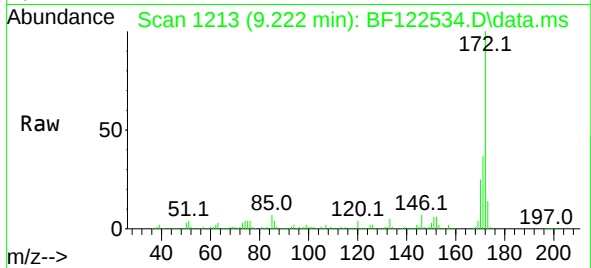
#44
2,4,5-Trichlorophenol
Concen: 48.60 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:196 Resp: 503708
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 48.2 41.0 61.6
132 27.6 22.4 33.6

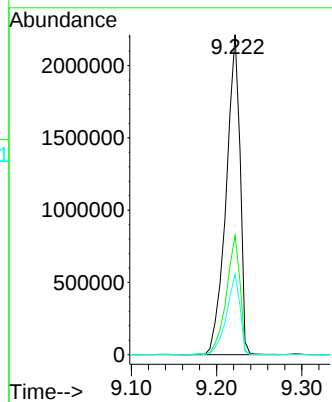
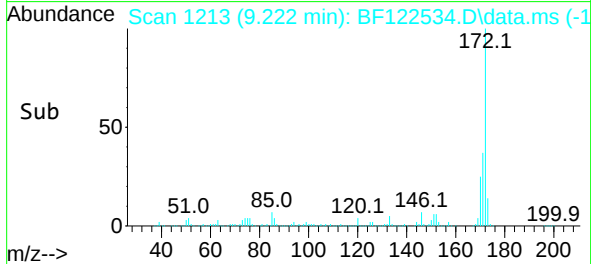




#45
2-Fluorobiphenyl
Concen: 79.40 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



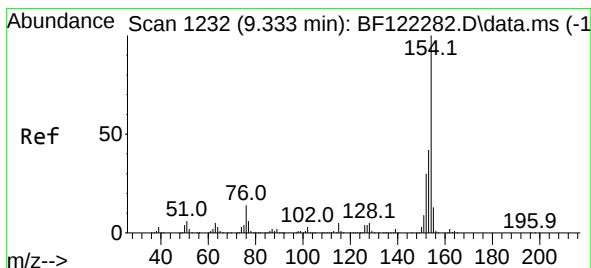
Tgt Ion:172 Resp: 2510466
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 24.9 19.8 29.6



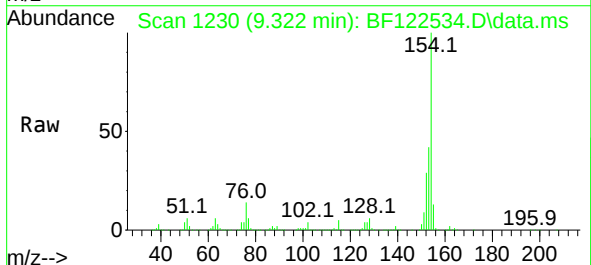
Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

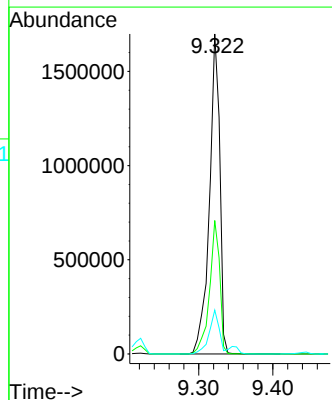
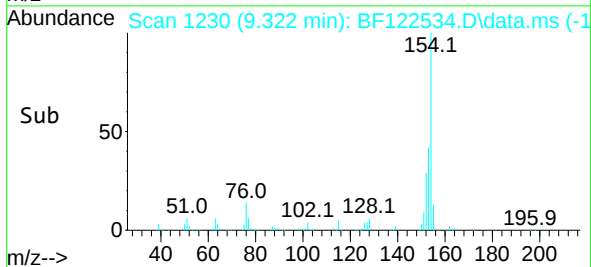
mohammad
12/7/2020 8:52:45 AM

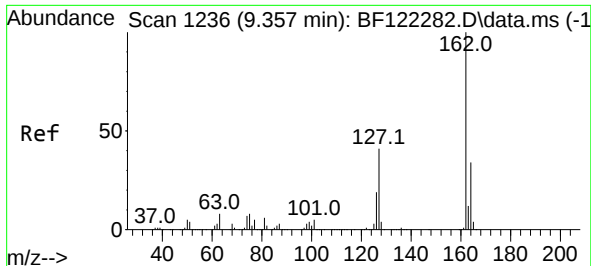


#46
1,1'-Biphenyl
Concen: 42.01 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



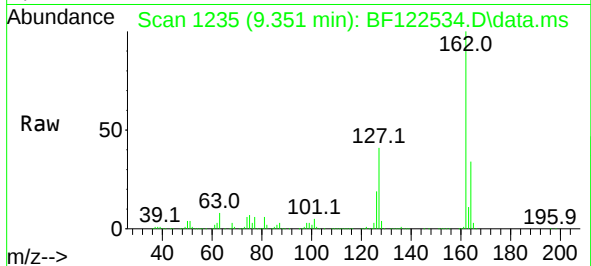
Tgt Ion:154 Resp: 1651974
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 13.7 0.0 34.7





#47
2-Chloronaphthalene
Concen: 42.39 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

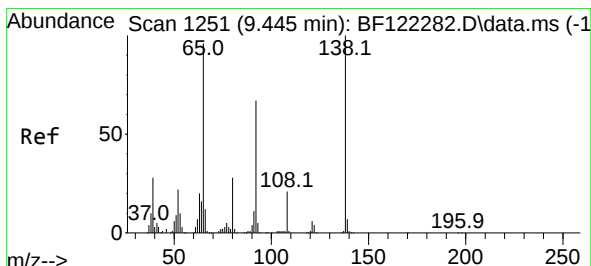
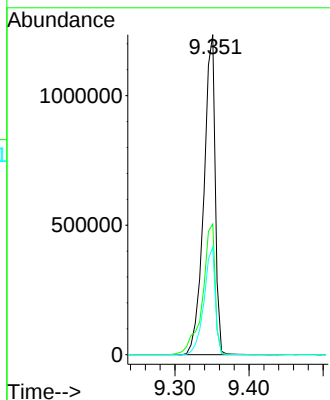
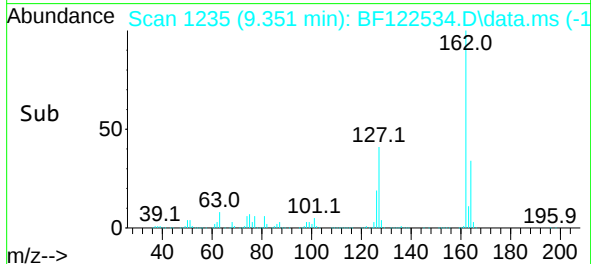
Instrument :
BNA_F
ClientSampleId :
PB133368BS



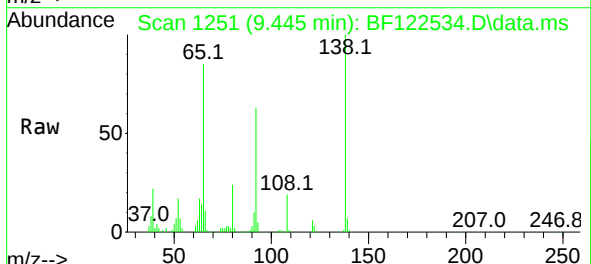
Tgt Ion:162 Resp: 1322950
Ion Ratio Lower Upper
162 100
127 40.9 34.4 51.6
164 33.6 26.3 39.5

Manual Integrations
APPROVED

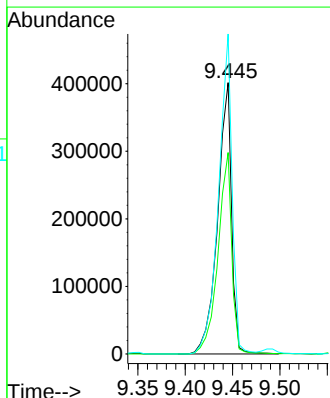
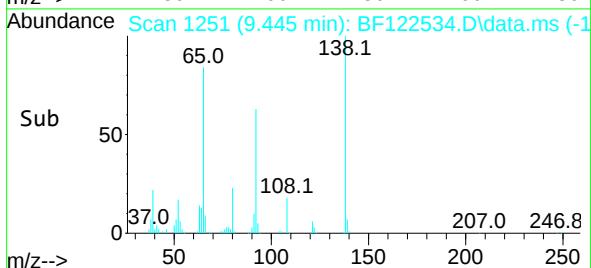
mohammad
12/7/2020 8:52:45 AM

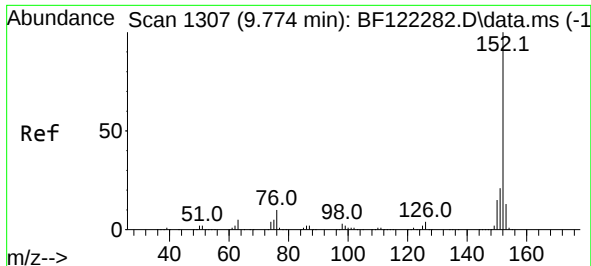


#48
2-Nitroaniline
Concen: 44.78 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



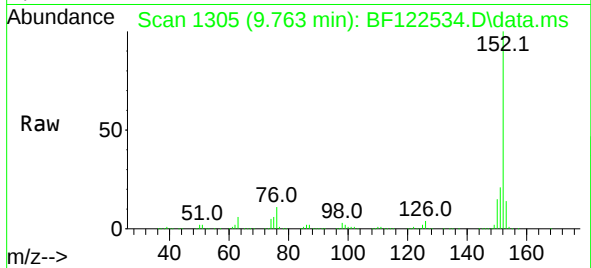
Tgt Ion: 65 Resp: 412745
Ion Ratio Lower Upper
65 100
92 74.2 55.1 82.7
138 117.9 80.5 120.7





#49
Acenaphthylene
Concen: 42.82 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

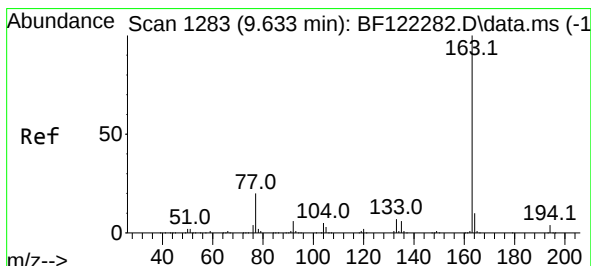
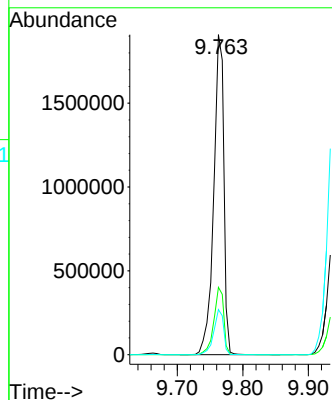
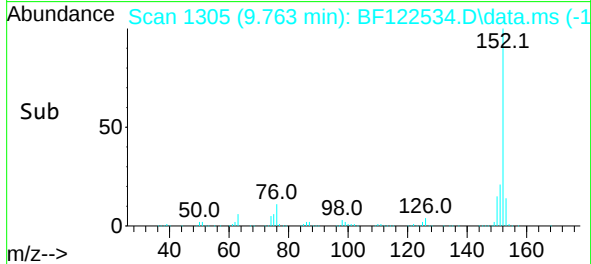
Instrument :
BNA_F
ClientSampleId :
PB133368BS



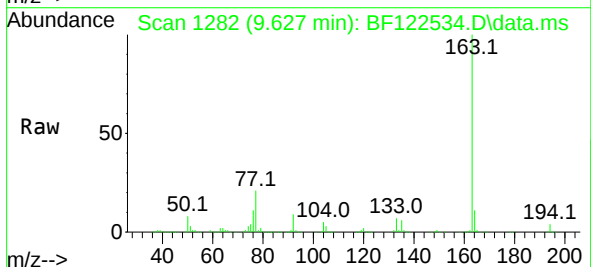
Tgt Ion:152 Resp: 2054311
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.1 10.6 15.8

Manual Integrations
APPROVED

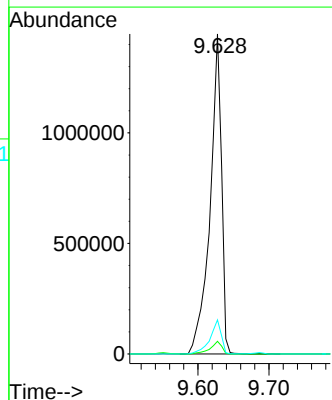
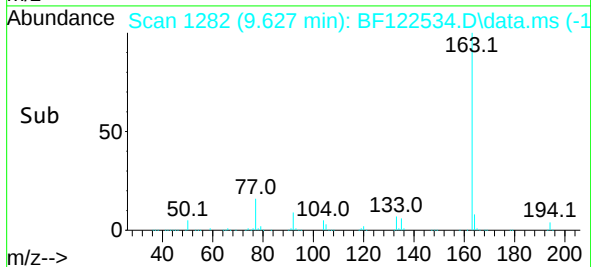
mohammad
12/7/2020 8:52:45 AM

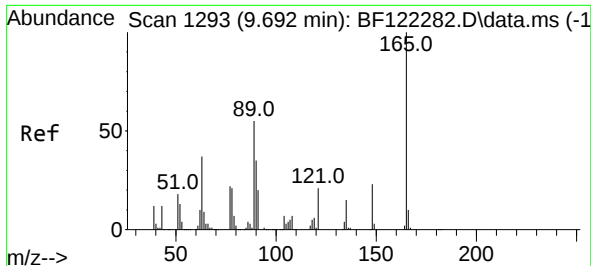


#50
Dimethylphthalate
Concen: 46.36 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:163 Resp: 1628051
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.2 12.4





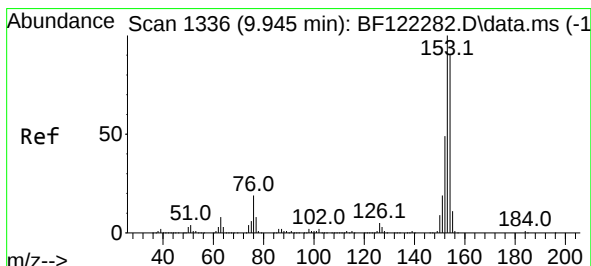
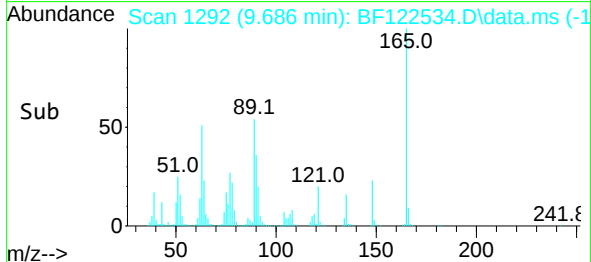
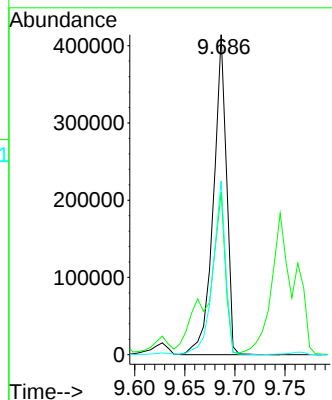
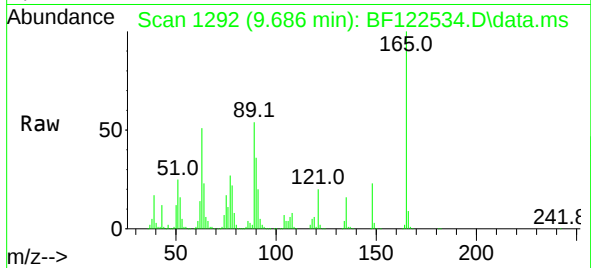
#51
2,6-Dinitrotoluene
Concen: 48.03 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:165 Resp: 375392
Ion Ratio Lower Upper
165 100
63 50.7 51.8 77.6#
89 54.3 49.0 73.6

Instrument :
BNA_F
ClientSampled :
PB133368BS

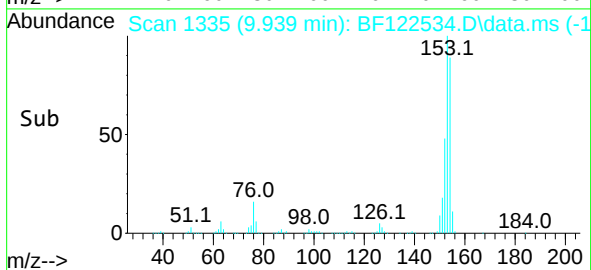
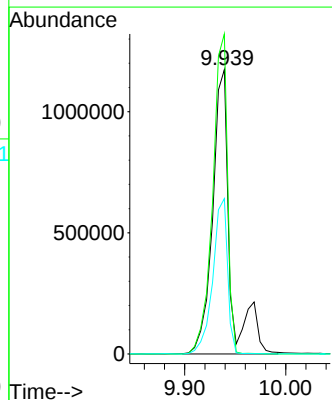
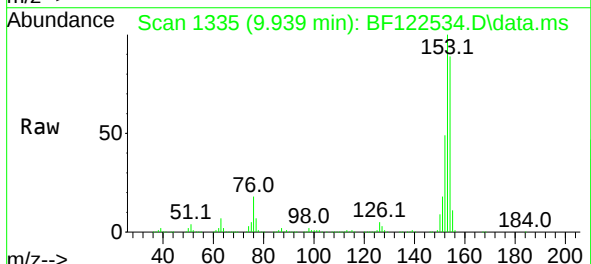
Manual Integrations
APPROVED

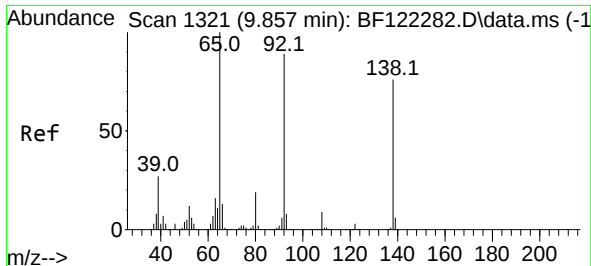
mohammad
12/7/2020 8:52:45 AM



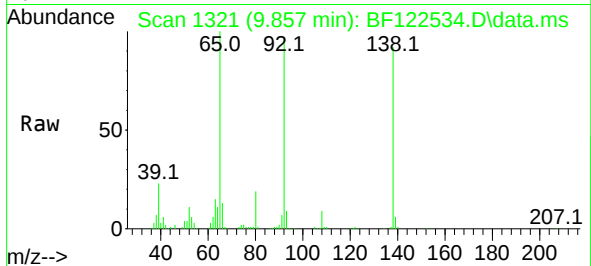
#52
Acenaphthene
Concen: 47.92 ng m
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:154 Resp: 1422787
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 54.6 43.2 64.8

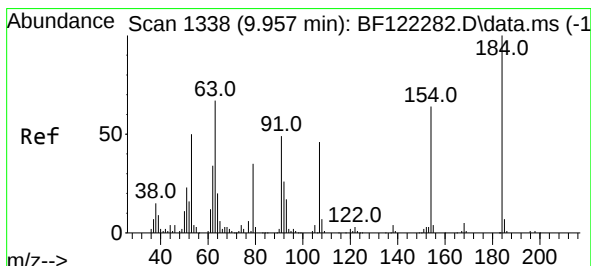
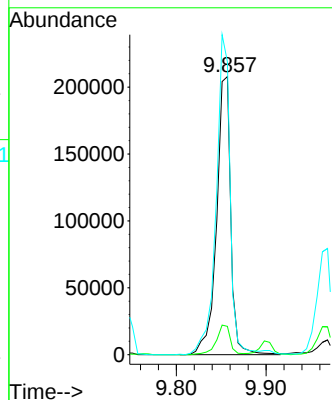
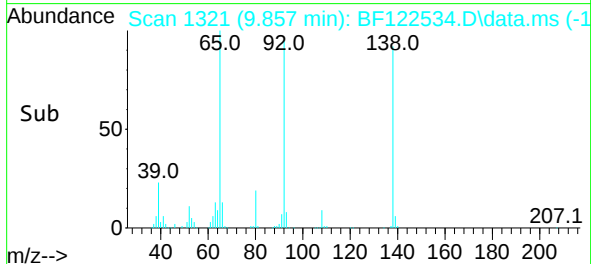




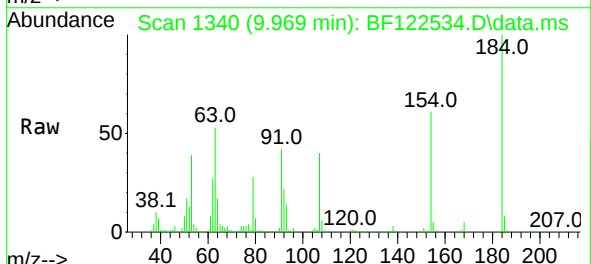
#53
3-Nitroaniline
Concen: 27.32 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



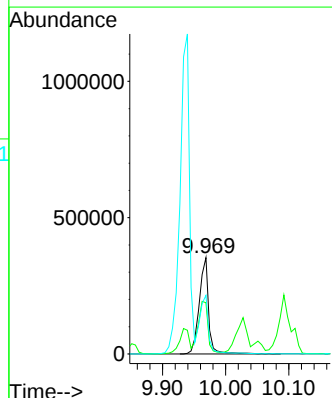
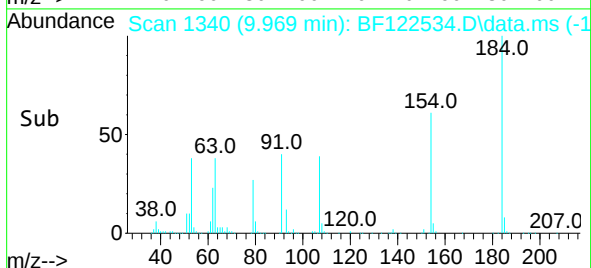
Tgt Ion:138 Resp: 228466
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 105.3 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 97.11 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



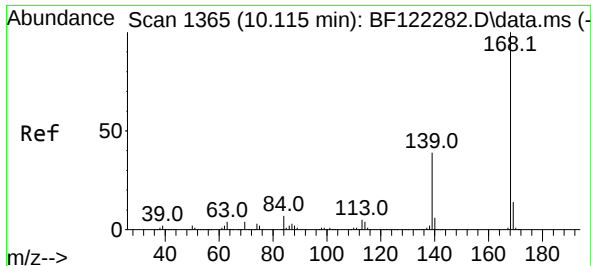
Tgt Ion:184 Resp: 364857
Ion Ratio Lower Upper
184 100
63 53.2 45.9 68.9
154 60.8 45.8 68.6



Instrument :
BNA_F
ClientSampleId :
PB133368BS

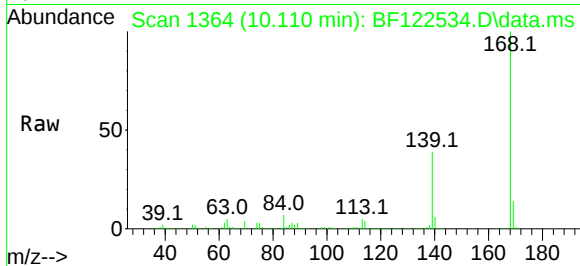
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#55
Dibenzenofuran
Concen: 42.61 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

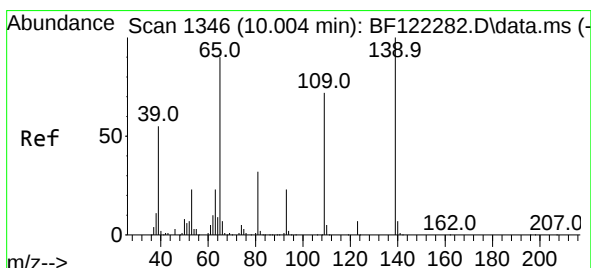
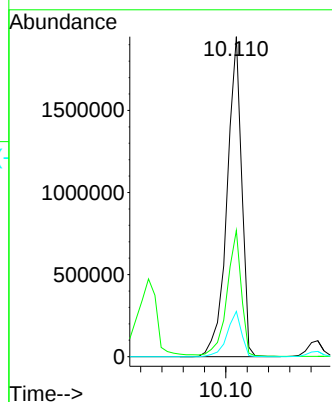
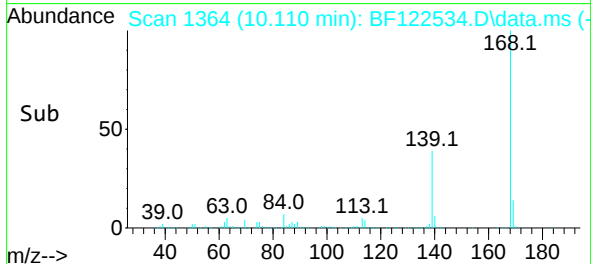
Instrument :
BNA_F
ClientSampleId :
PB133368BS



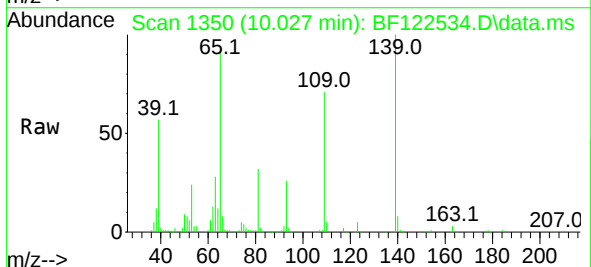
Tgt Ion:168 Resp: 1853905
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 14.2 11.3 16.9

Manual Integrations
APPROVED

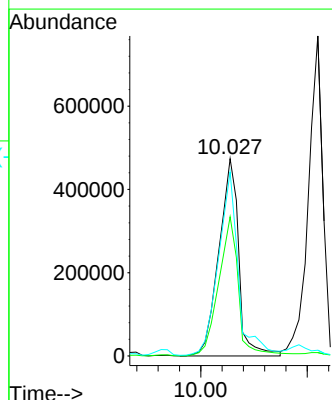
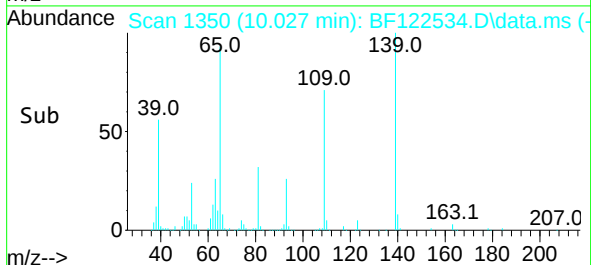
mohammad
12/7/2020 8:52:45 AM

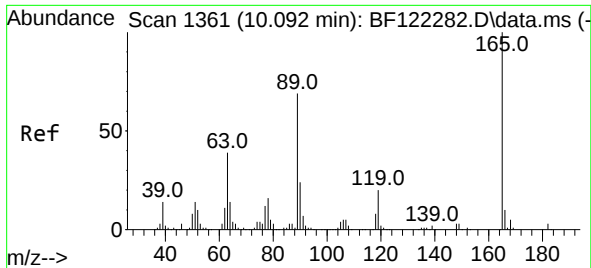


#56
4-Nitrophenol
Concen: 80.01 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

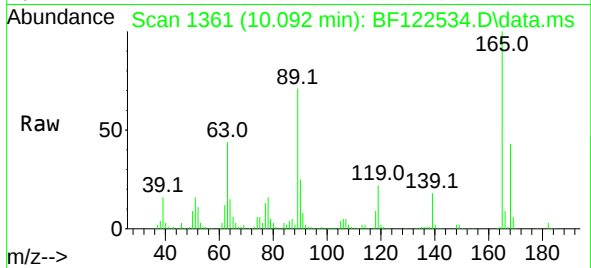


Tgt Ion:139 Resp: 612850
Ion Ratio Lower Upper
139 100
109 70.5 45.4 85.4
65 93.2 68.4 108.4

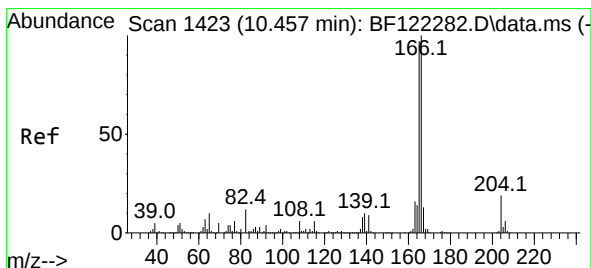
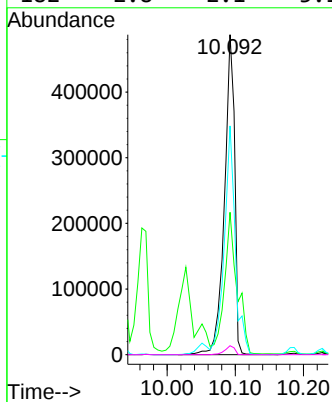
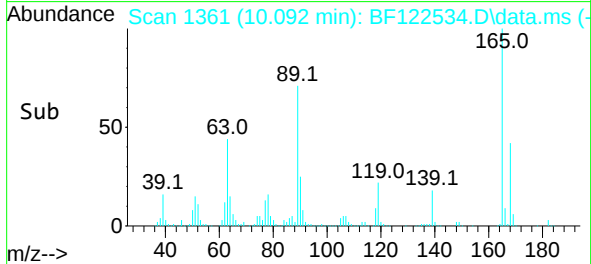




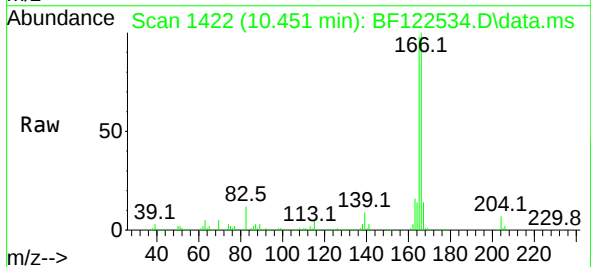
#57
2,4-Dinitrotoluene
Concen: 51.25 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



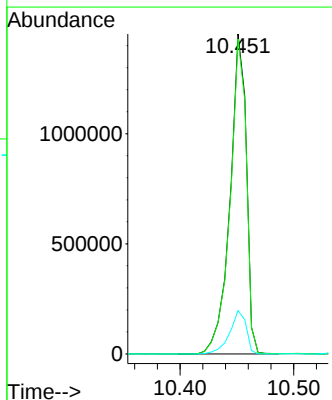
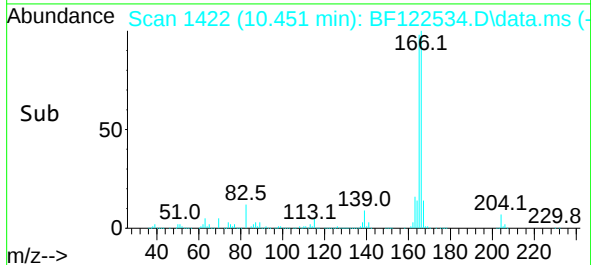
Tgt Ion:165 Resp: 508232
Ion Ratio Lower Upper
165 100
63 44.5 41.3 61.9
89 71.5 61.8 92.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 43.32 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



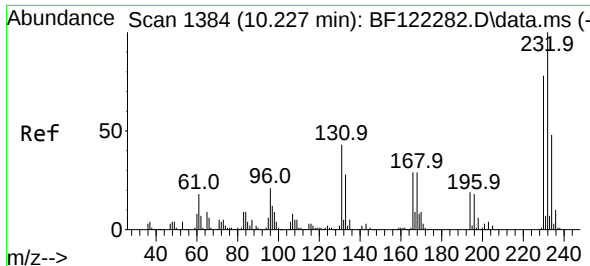
Tgt Ion:166 Resp: 1443216
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.5 11.0 16.6



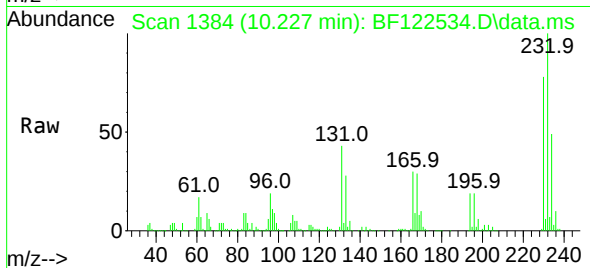
Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

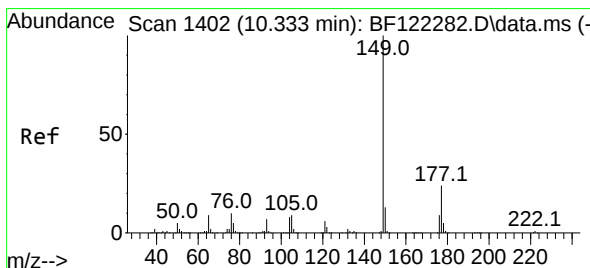
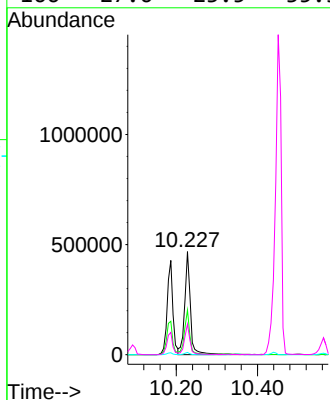
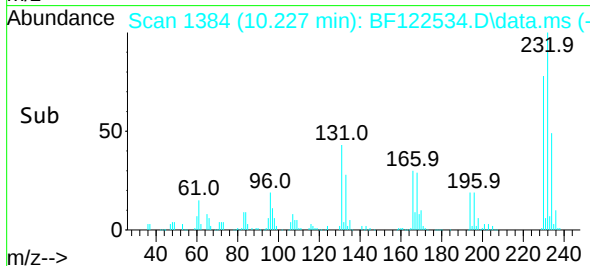
mohammad
12/7/2020 8:52:45 AM



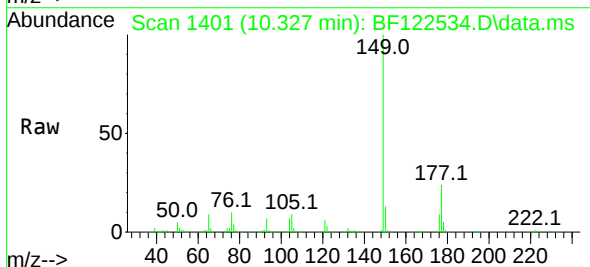
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.72 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



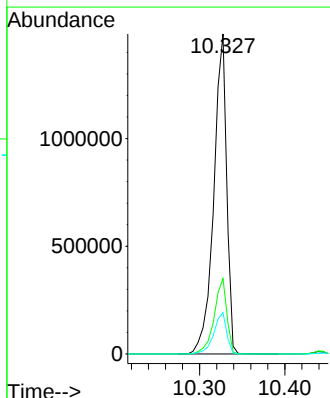
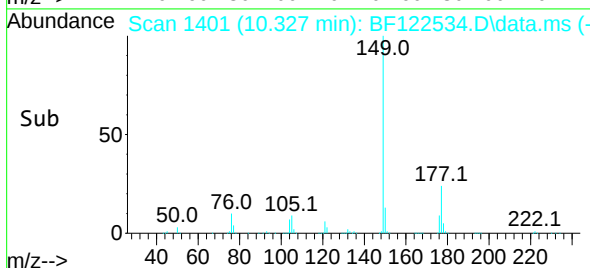
Tgt Ion:232 Resp: 454391
Ion Ratio Lower Upper
232 100
131 39.8 35.9 53.9
130 2.0 1.8 2.6
166 27.6 23.5 35.3



#60
Diethylphthalate
Concen: 45.34 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



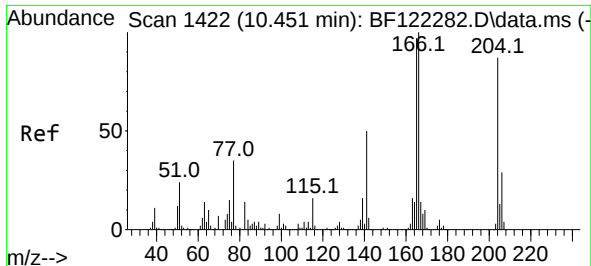
Tgt Ion:149 Resp: 1562014
Ion Ratio Lower Upper
149 100
177 23.6 18.1 27.1
150 12.9 10.3 15.5



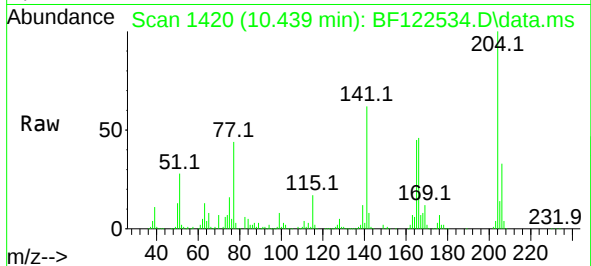
Instrument :
BNA_F
ClientSampled :
PB133368BS

Manual Integrations
APPROVED

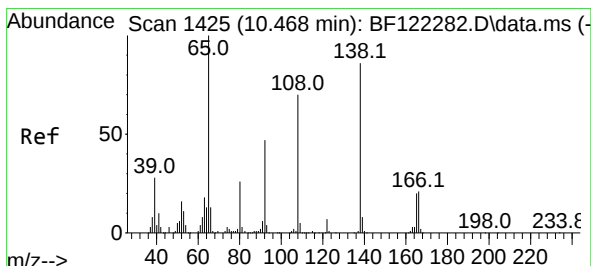
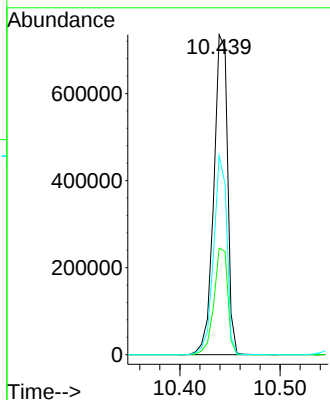
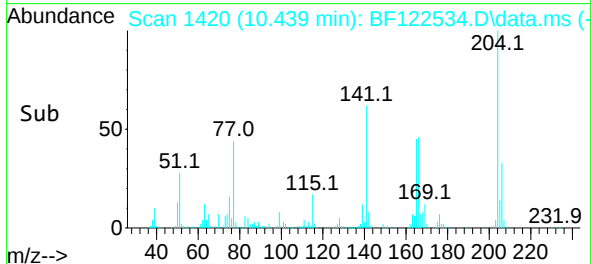
mohammad
12/7/2020 8:52:45 AM



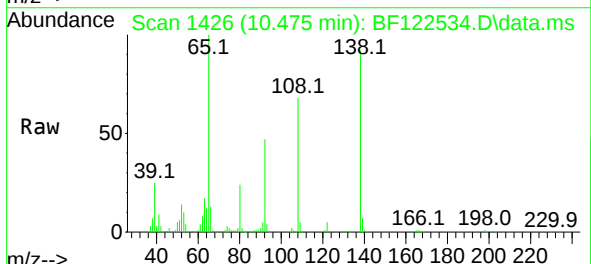
#61
4-Chlorophenyl-phenylether
Concen: 44.74 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



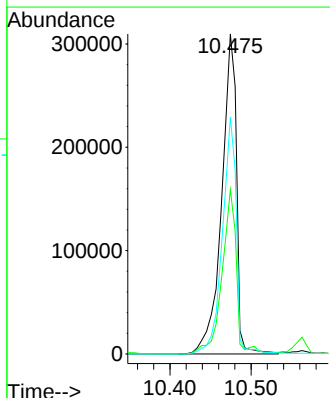
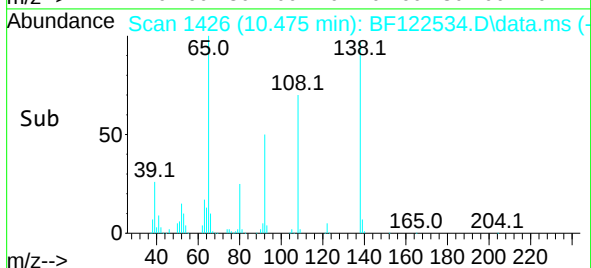
Tgt Ion: 204 Resp: 703554
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 62.1 46.2 69.4



#62
4-Nitroaniline
Concen: 45.47 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



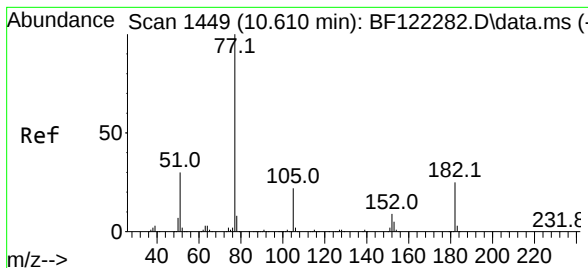
Tgt Ion: 138 Resp: 394316
Ion Ratio Lower Upper
138 100
92 51.4 31.0 71.0
108 74.0 51.5 91.5



Instrument :
BNA_F
ClientSampleId :
PB133368BS

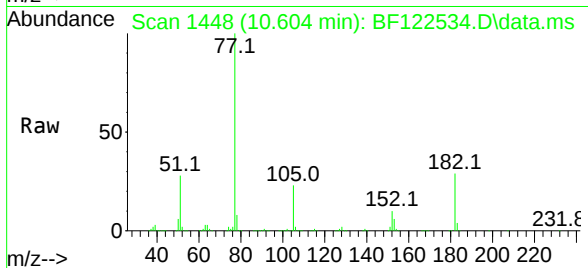
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#63
Azobenzene
Concen: 40.73 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

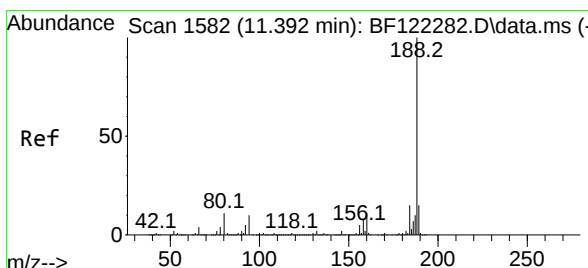
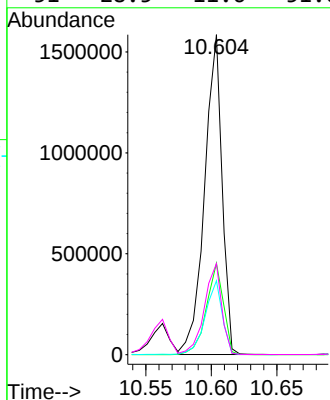
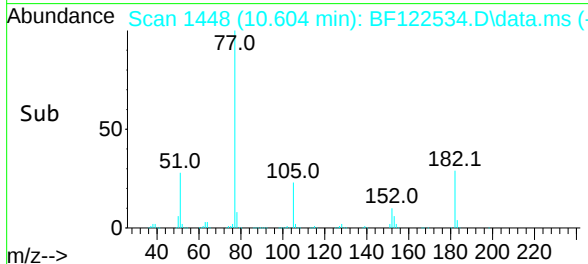
Instrument :
BNA_F
ClientSampleId :
PB133368BS



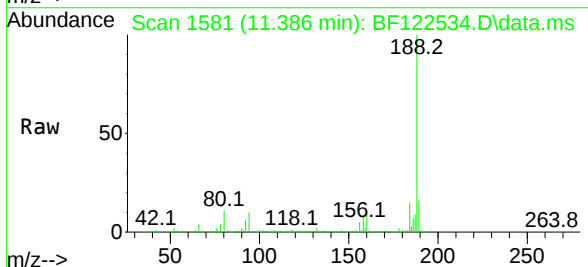
Tgt Ion: 77 Resp: 1471917
Ion Ratio Lower Upper
77 100
182 28.6 3.4 43.4
105 23.1 1.7 41.7
51 28.5 11.6 51.6

Manual Integrations
APPROVED

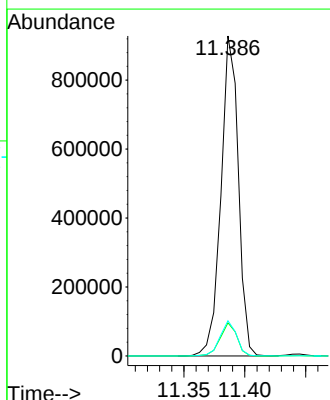
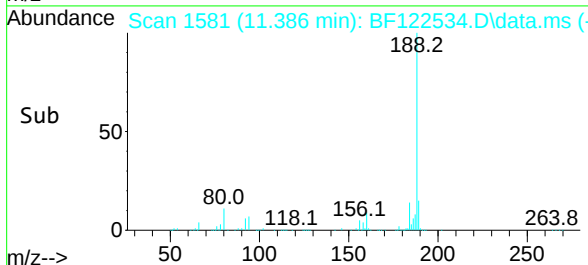
mohammad
12/7/2020 8:52:45 AM

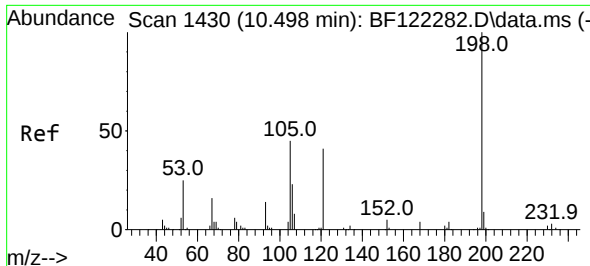


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion: 188 Resp: 921979
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.0 9.1 13.7





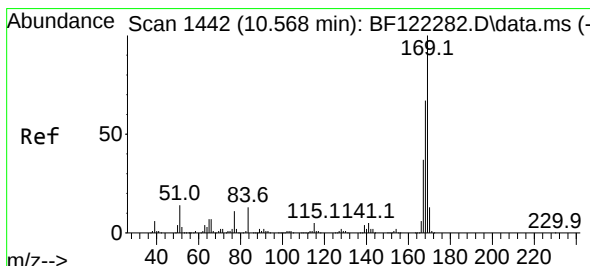
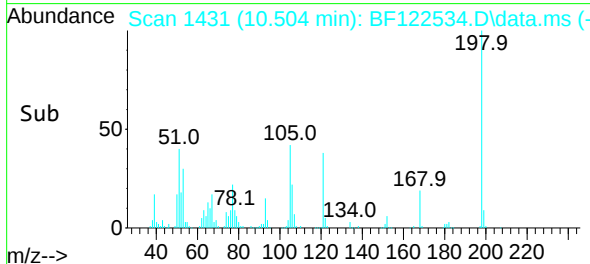
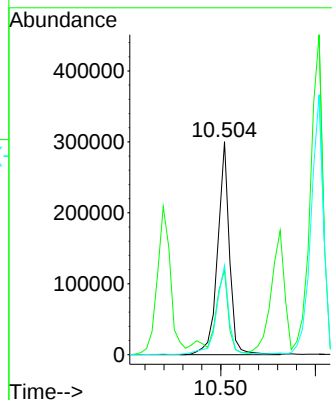
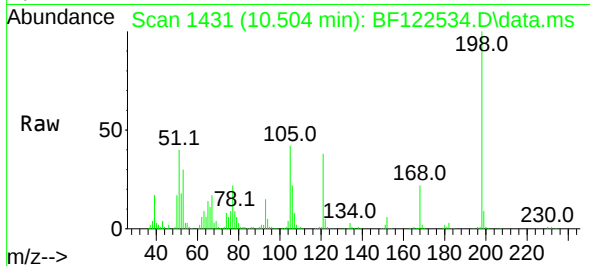
#65
4,6-Dinitro-2-methylphenol
Concen: 59.32 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:198 Resp: 260773
Ion Ratio Lower Upper
198 100
51 39.7 29.6 69.6
105 42.0 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
PB133368BS

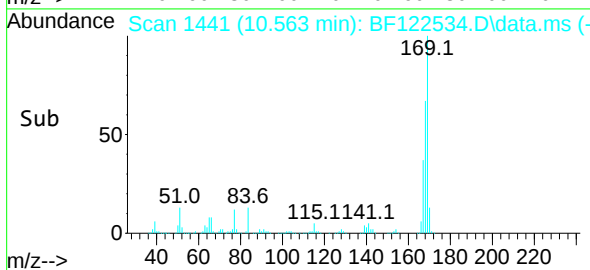
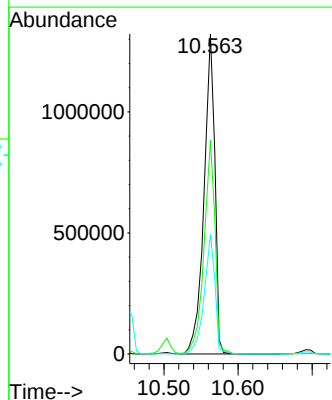
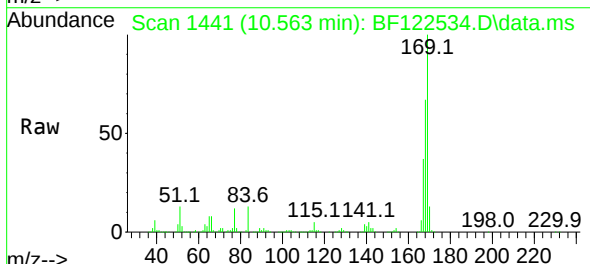
Manual Integrations
APPROVED

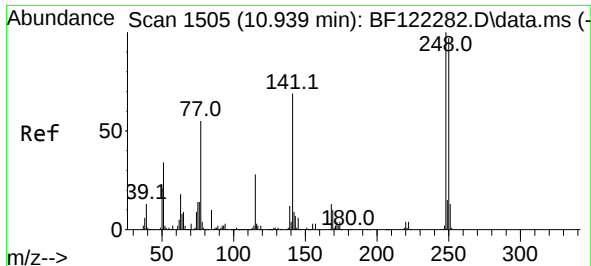
mohammad
12/7/2020 8:52:45 AM



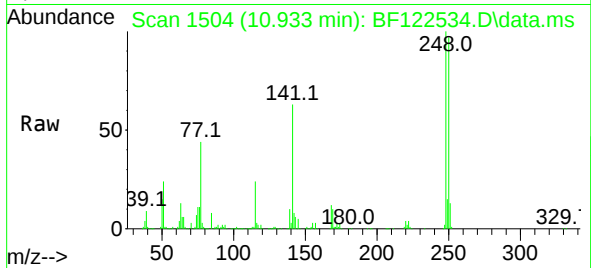
#66
n-Nitrosodiphenylamine
Concen: 42.98 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:169 Resp: 1350119
Ion Ratio Lower Upper
169 100
168 66.7 50.0 75.0
167 37.4 27.8 41.6

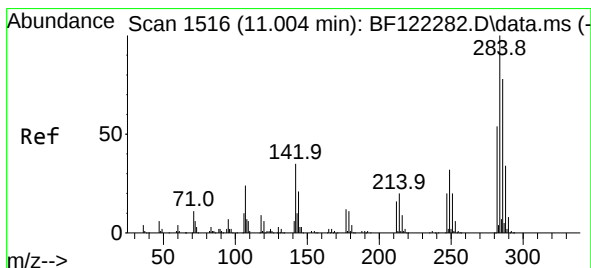
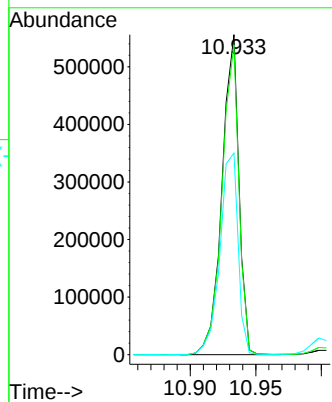
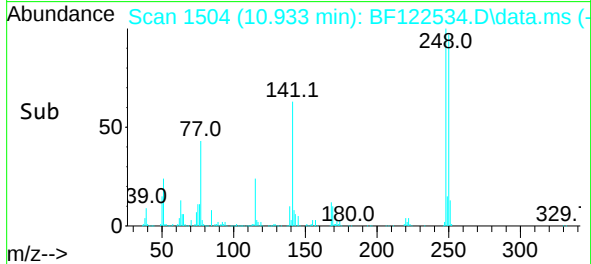




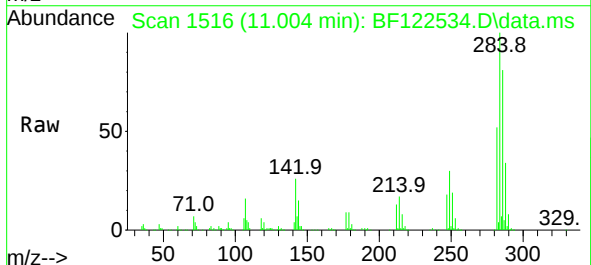
#67
4-Bromophenyl-phenylether
Concen: 46.06 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



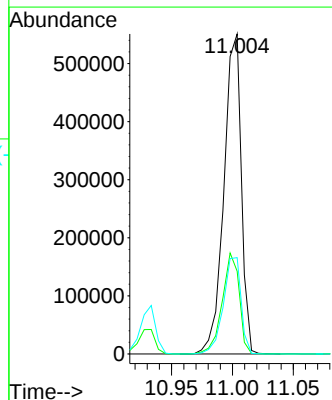
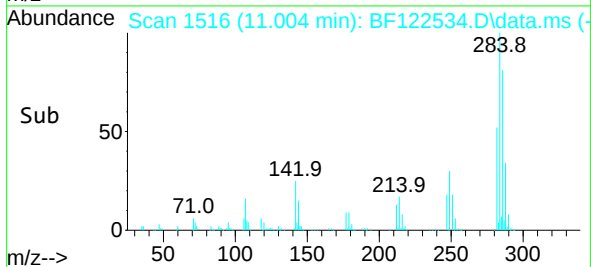
Tgt Ion:248 Resp: 499018
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 63.0 53.7 80.5



#68
Hexachlorobenzene
Concen: 46.99 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:284 Resp: 550050
Ion Ratio Lower Upper
284 100
142 25.8 27.4 41.2#
249 30.1 24.2 36.4



Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



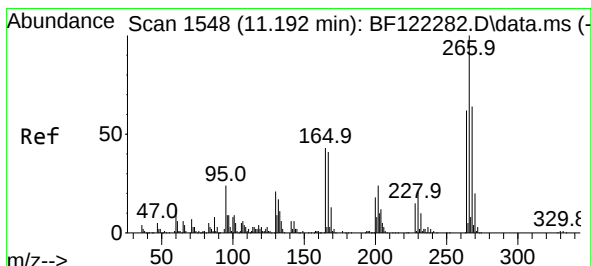
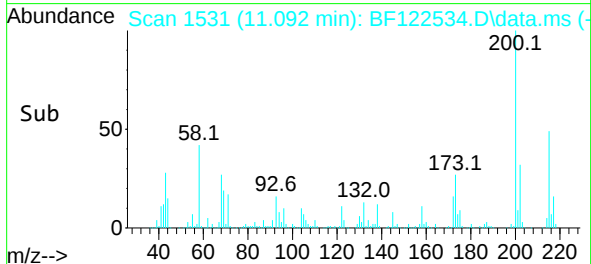
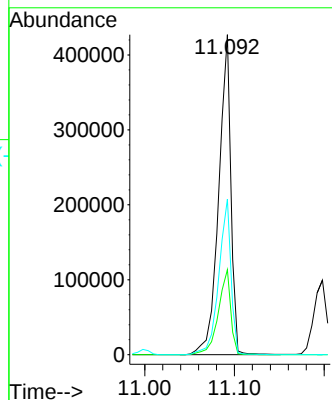
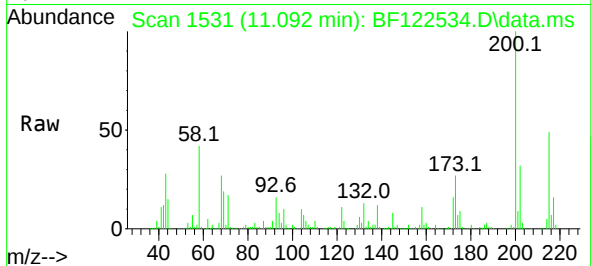
#69
Atrazine
Concen: 51.48 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:200 Resp: 402714
Ion Ratio Lower Upper
200 100
173 26.6 7.5 47.5
215 48.6 27.1 67.1

Instrument :
BNA_F
ClientSampled :
PB133368BS

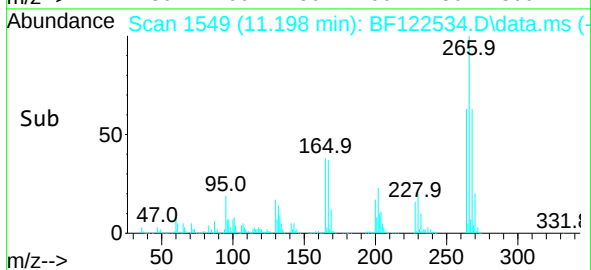
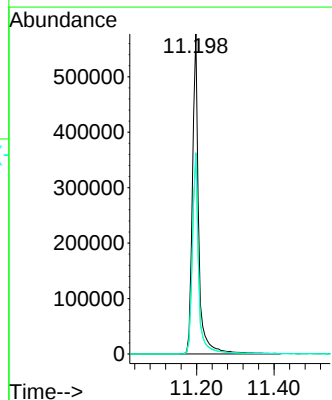
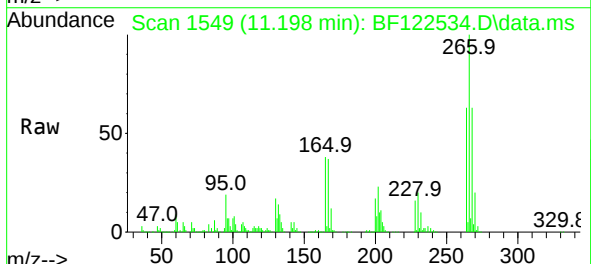
Manual Integrations
APPROVED

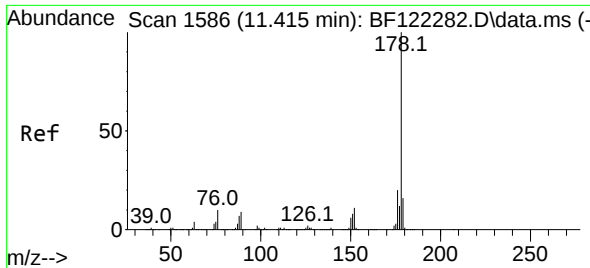
mohammad
12/7/2020 8:52:45 AM



#70
Pentachlorophenol
Concen: 95.92 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:266 Resp: 646873
Ion Ratio Lower Upper
266 100
268 62.9 52.4 78.6
264 62.8 49.9 74.9





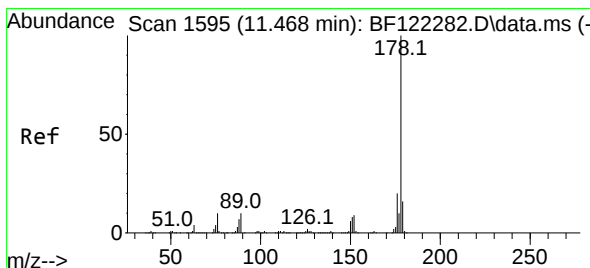
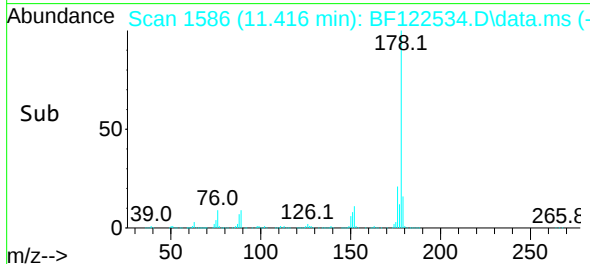
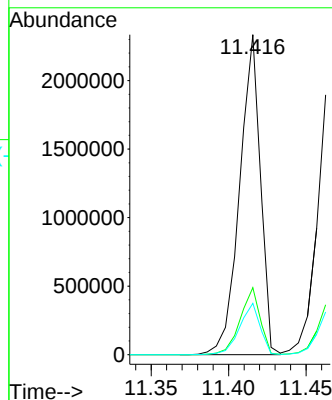
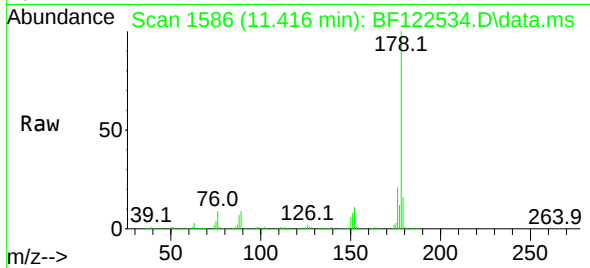
#71
Phenanthrene
Concen: 41.62 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:178 Resp: 2177199
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 16.1 12.2 18.4

Instrument :
BNA_F
ClientSampleId :
PB133368BS

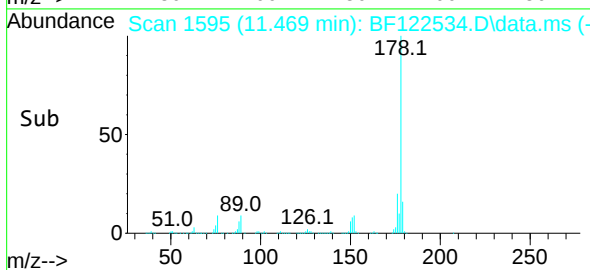
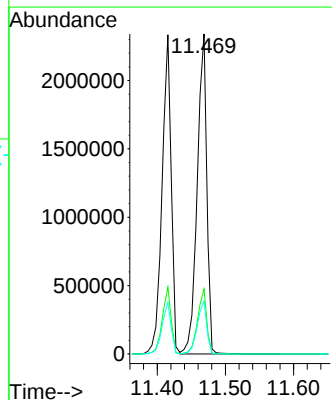
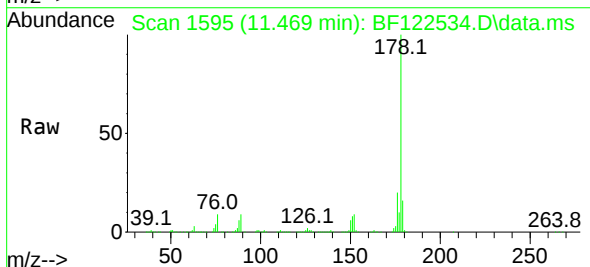
Manual Integrations
APPROVED

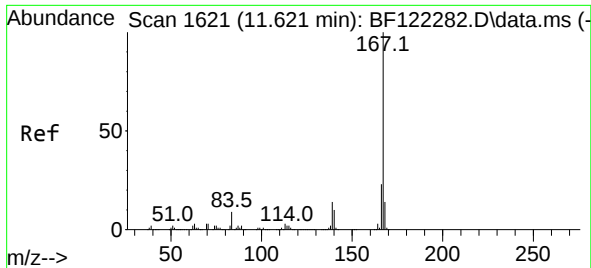
mohammad
12/7/2020 8:52:45 AM



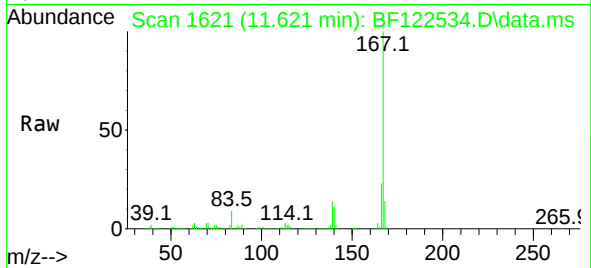
#72
Anthracene
Concen: 42.15 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:178 Resp: 2272629
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.5 12.7 19.1



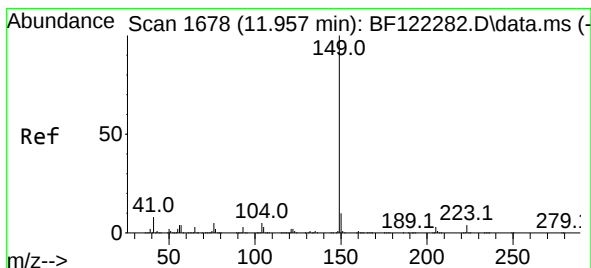
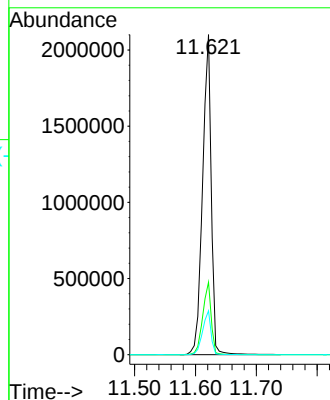
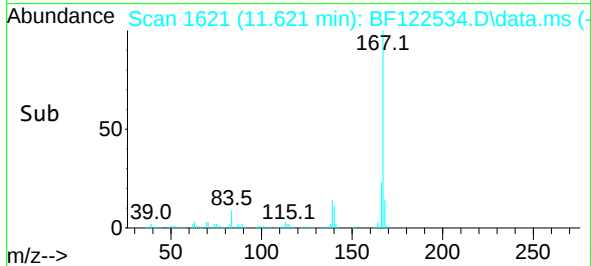


#73
Carbazole
Concen: 42.20 ng
RT: 11.621 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

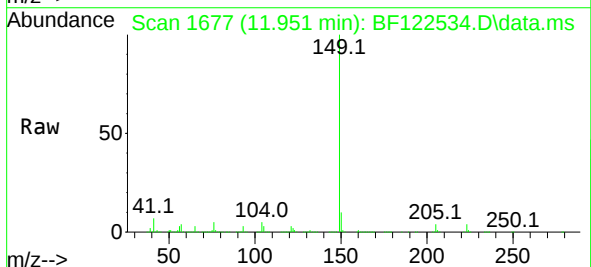


Tgt Ion:167 Resp: 2069998

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	13.7	10.8	16.2

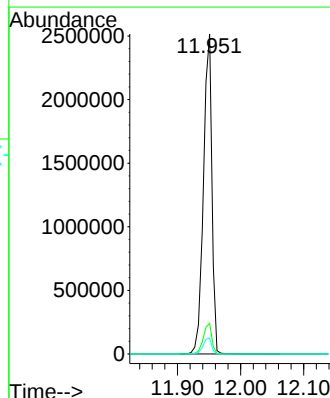
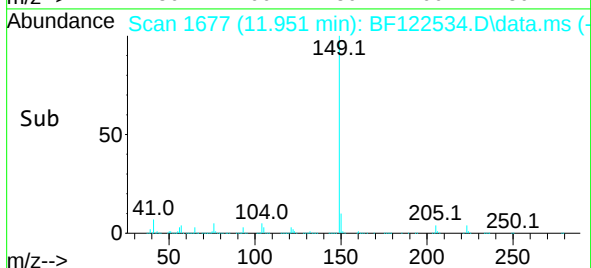


#74
Di-n-butylphthalate
Concen: 44.98 ng
RT: 11.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:149 Resp: 2351615

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.0	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
PB133368BS

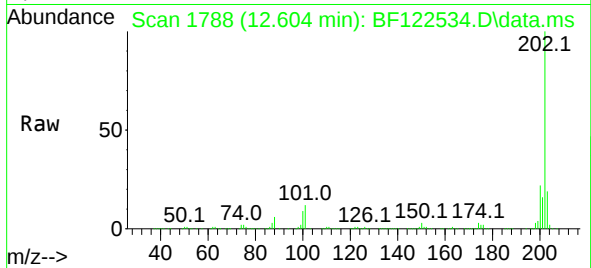
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#75
Fluoranthene
Concen: 43.33 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

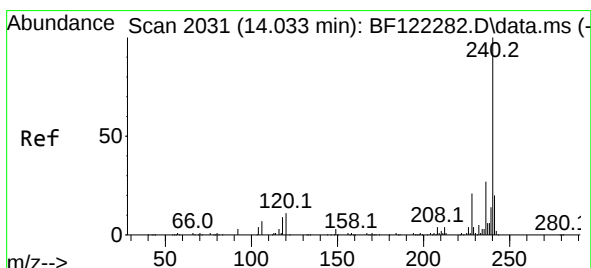
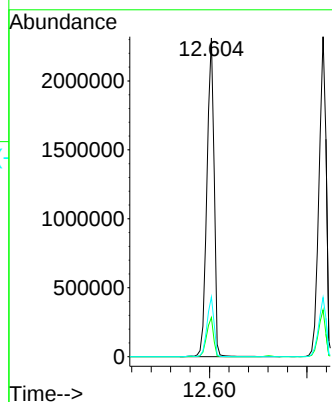
Instrument :
BNA_F
ClientSampleId :
PB133368BS



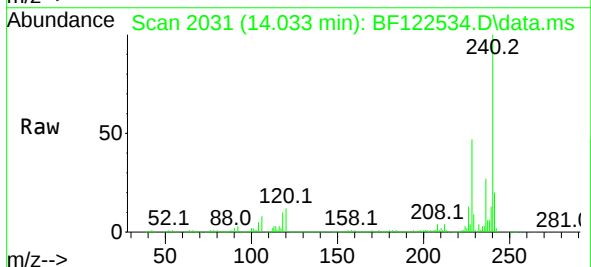
Tgt Ion:202 Resp: 2366177
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.4
203 18.7 0.0 37.9

Manual Integrations
APPROVED

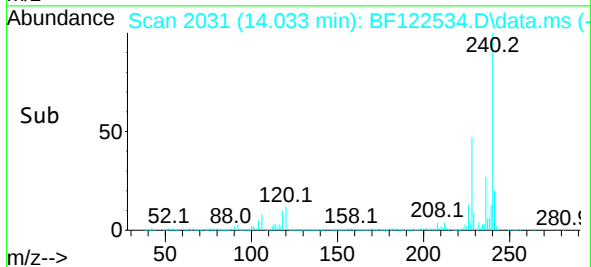
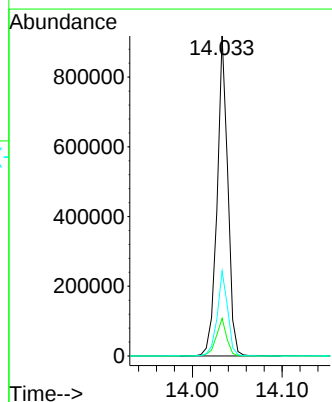
mohammad
12/7/2020 8:52:45 AM

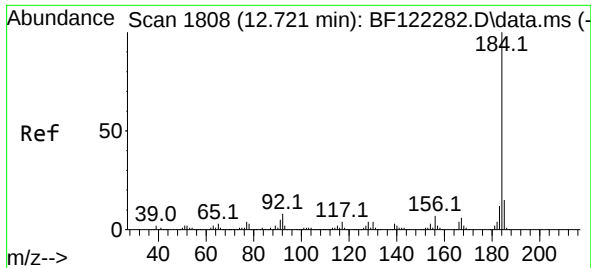


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

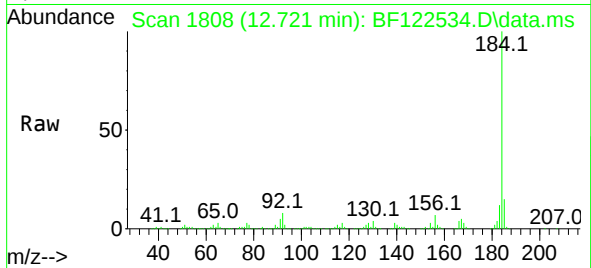


Tgt Ion:240 Resp: 757806
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.5 20.9 31.3

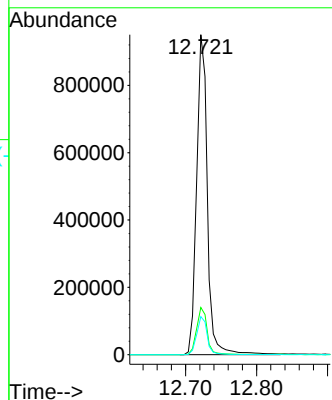
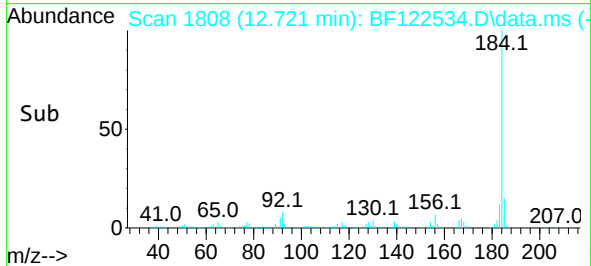




#77
Benzidine
Concen: 47.65 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



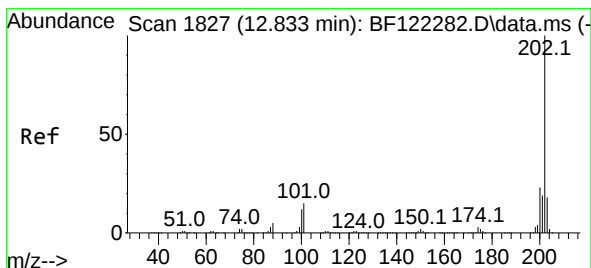
Tgt Ion:184 Resp: 1001525
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.9 9.4 14.0



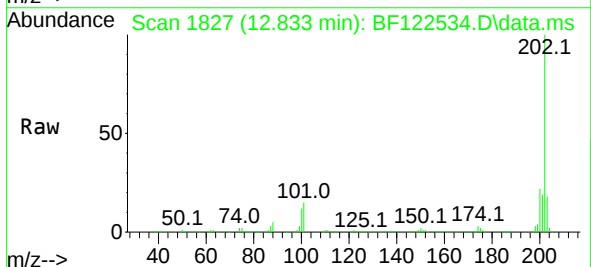
Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations
APPROVED

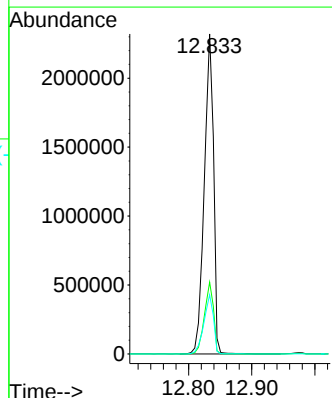
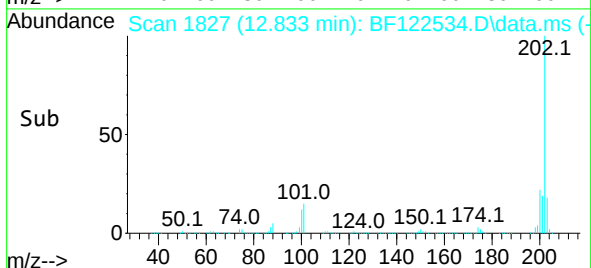
mohammad
12/7/2020 8:52:45 AM



#78
Pyrene
Concen: 44.47 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



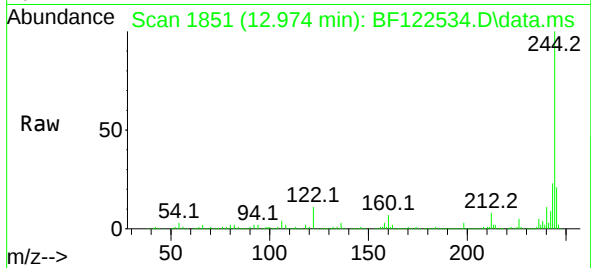
Tgt Ion:202 Resp: 2367560
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.5 14.6 21.8





#79
Terphenyl-d14
Concen: 78.17 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

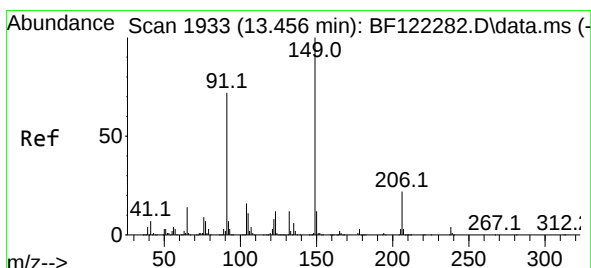
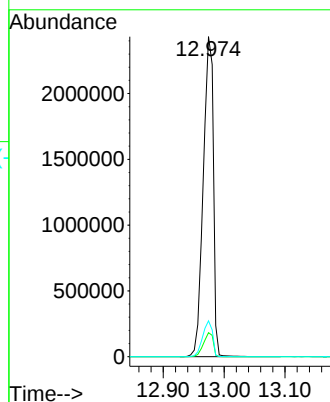
Instrument :
BNA_F
ClientSampleId :
PB133368BS



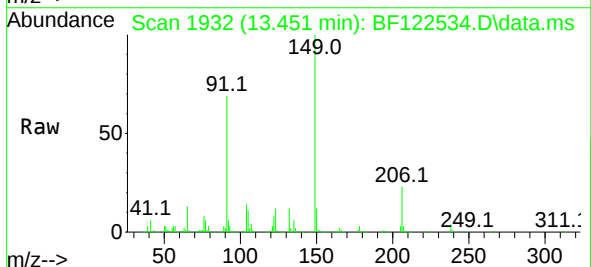
Tgt Ion:244 Resp: 2796057
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.2 8.1 12.1

Manual Integrations
APPROVED

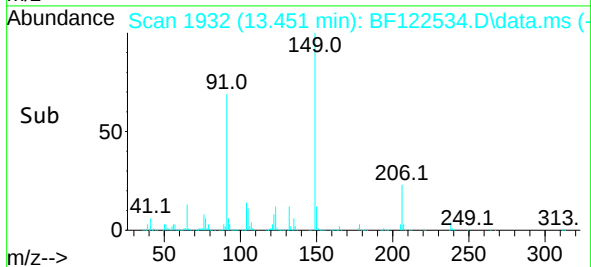
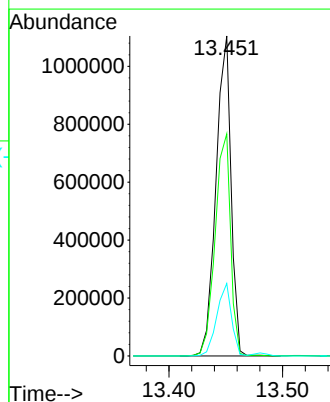
mohammad
12/7/2020 8:52:45 AM

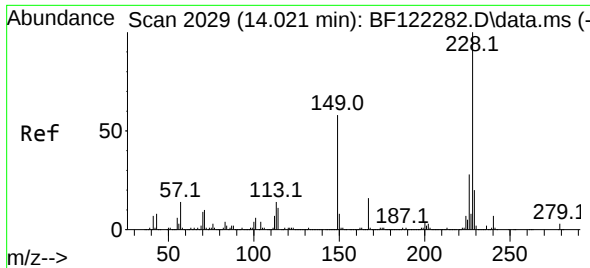


#80
Butylbenzylphthalate
Concen: 47.76 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



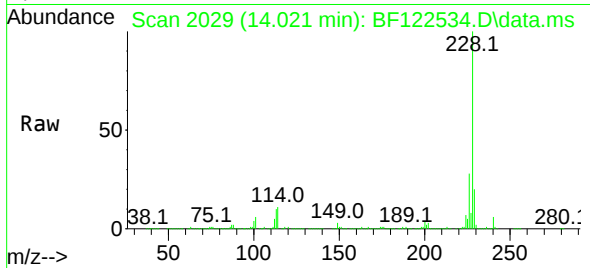
Tgt Ion:149 Resp: 1019315
Ion Ratio Lower Upper
149 100
91 69.4 61.0 91.4
206 22.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 44.86 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

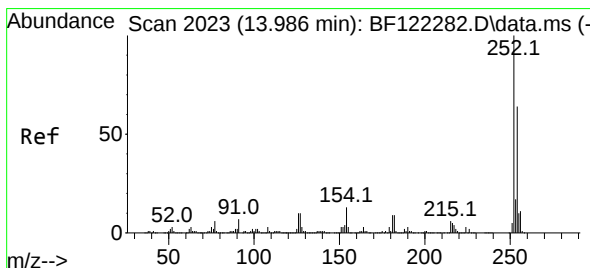
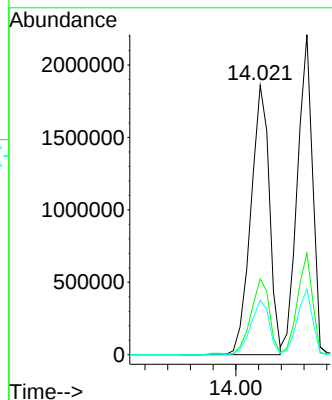
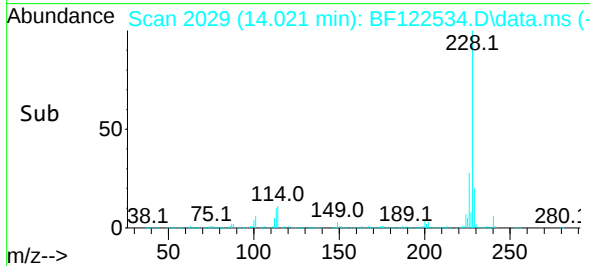
Instrument :
BNA_F
ClientSampled :
PB133368BS



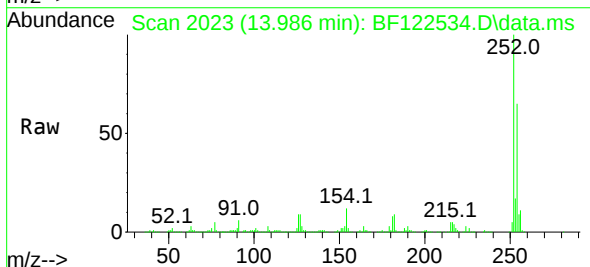
Tgt Ion:228 Resp: 2114356
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.2 16.2 24.4

Manual Integrations
APPROVED

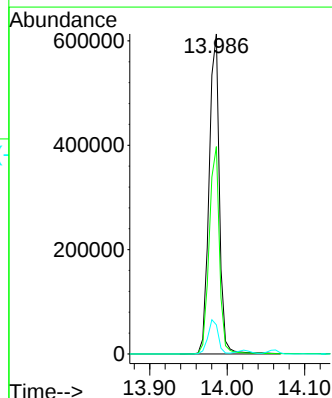
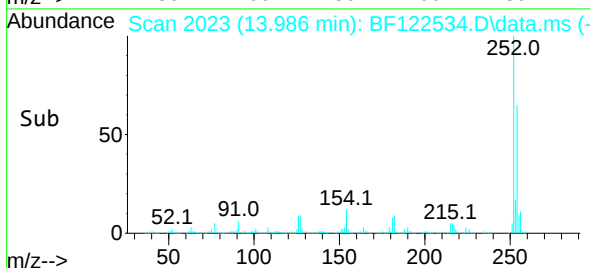
mohammad
12/7/2020 8:52:45 AM

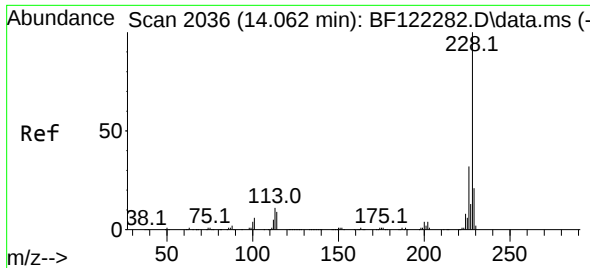


#82
3,3'-Dichlorobenzidine
Concen: 32.26 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:252 Resp: 566590
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 9.1 8.8 13.2





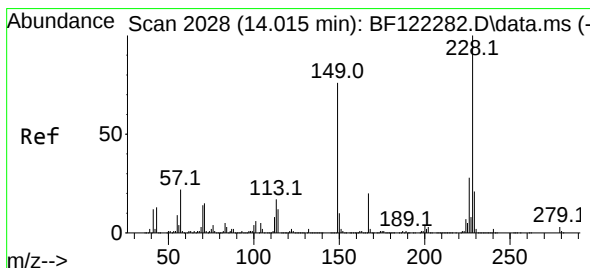
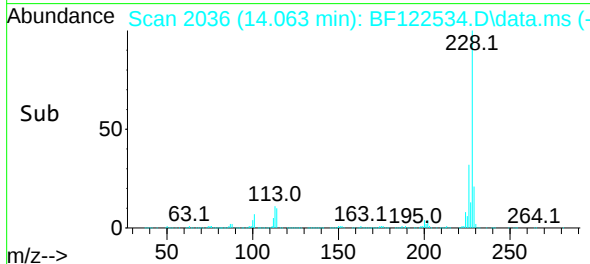
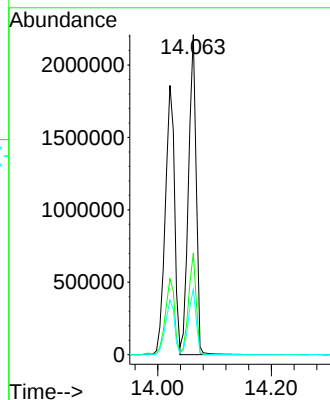
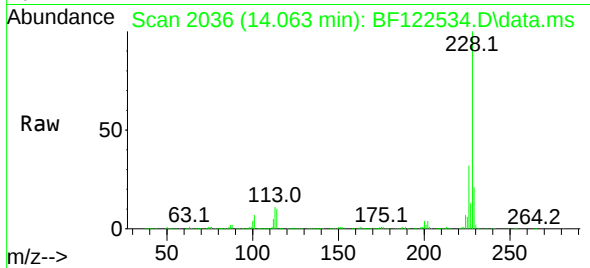
#83
Chrysene
Concen: 43.36 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:228 Resp: 2058344
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 20.5 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
PB133368BS

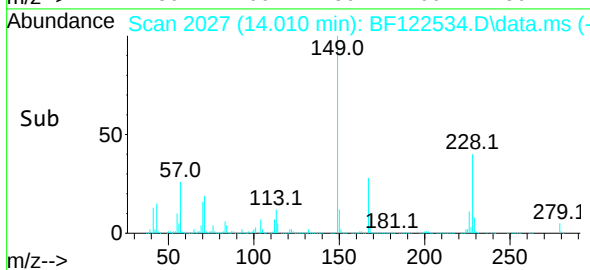
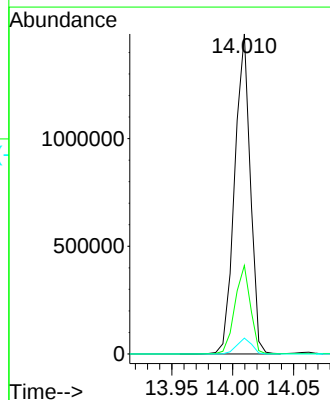
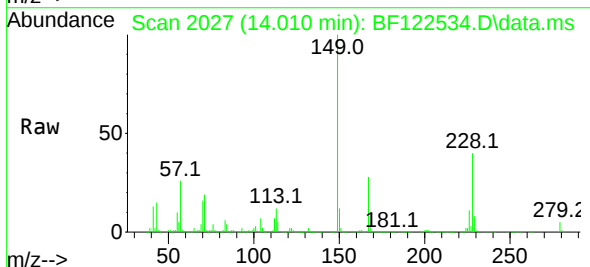
Manual Integrations
APPROVED

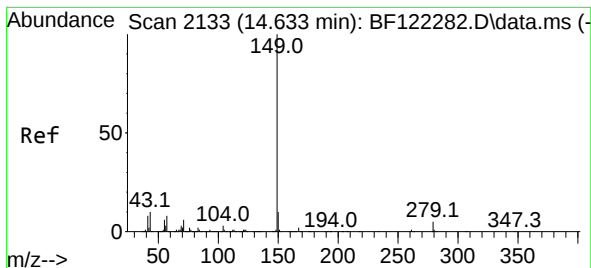
mohammad
12/7/2020 8:52:45 AM



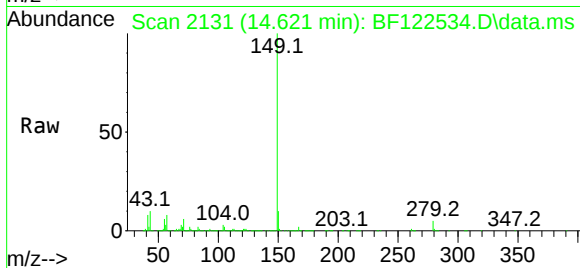
#84
Bis(2-ethylhexyl)phthalate
Concen: 51.59 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

Tgt Ion:149 Resp: 1324406
Ion Ratio Lower Upper
149 100
167 27.6 20.9 31.3
279 4.9 3.2 4.8#

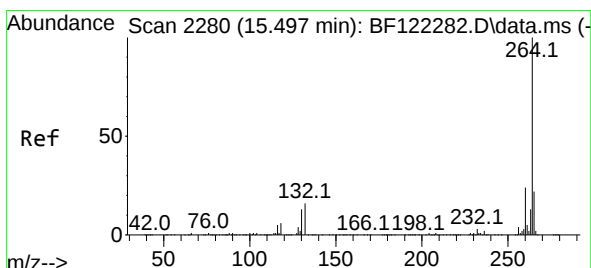
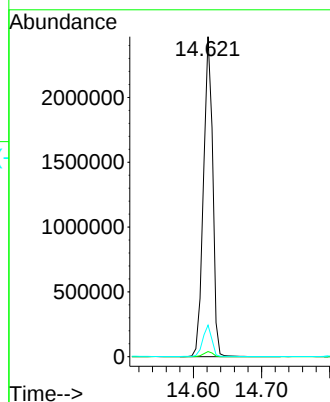
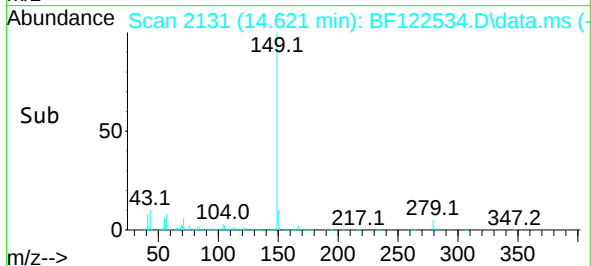




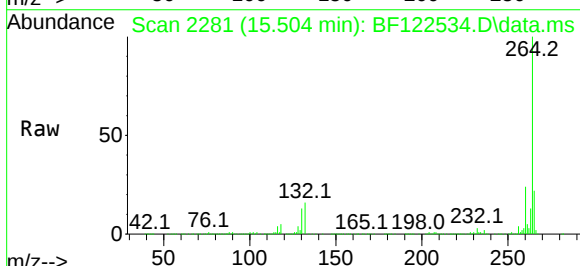
#85
Di-n-octyl phthalate
Concen: 53.40 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



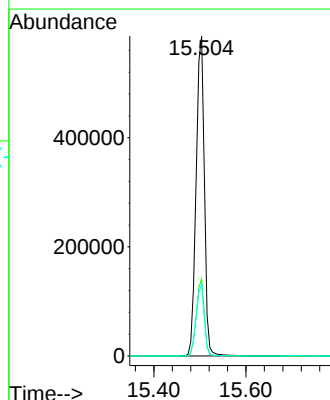
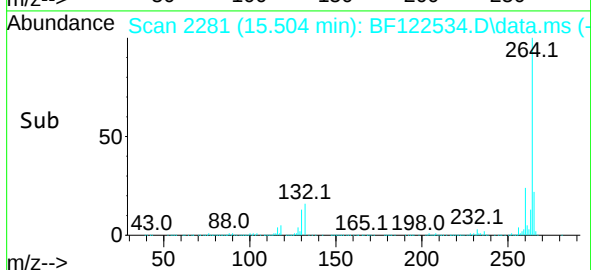
Tgt Ion:149 Resp: 2323114
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



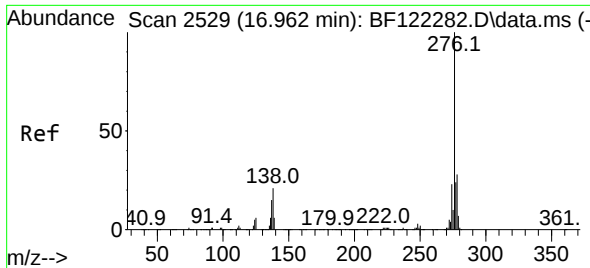
Tgt Ion:264 Resp: 727969
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.2 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
PB133368BS

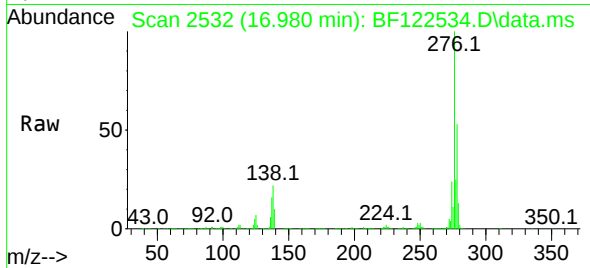
Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 45.38 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

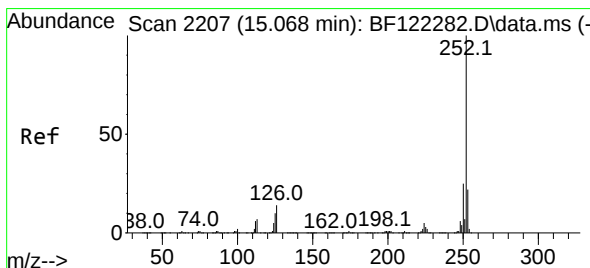
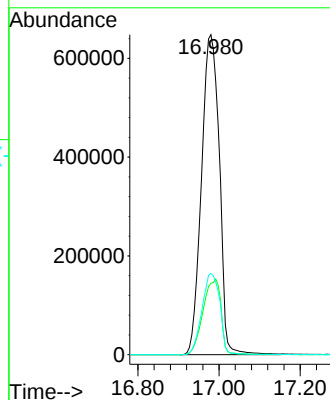
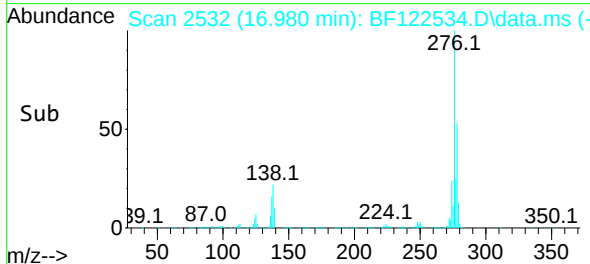
Instrument :
BNA_F
ClientSampleId :
PB133368BS



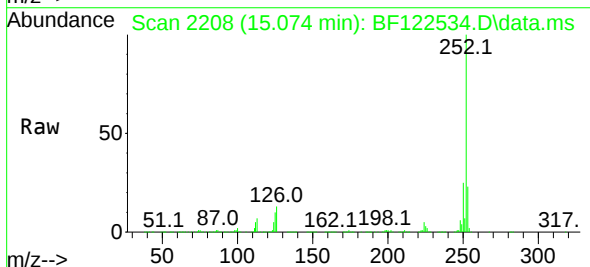
Tgt Ion:276 Resp: 1982245
Ion Ratio Lower Upper
276 100
138 23.8 19.9 29.9
277 25.4 20.4 30.6

Manual Integrations
APPROVED

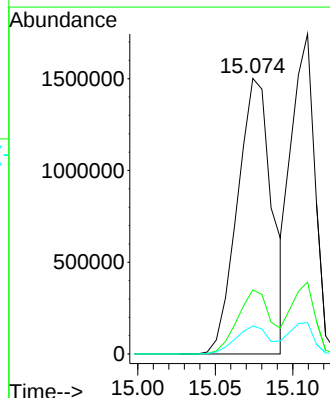
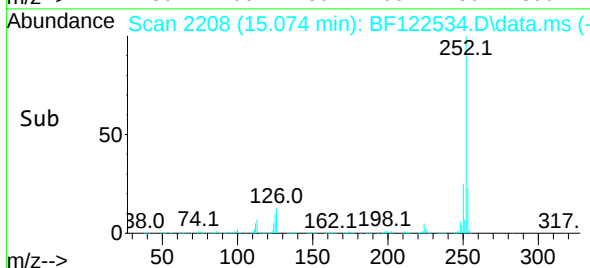
mohammad
12/7/2020 8:52:45 AM

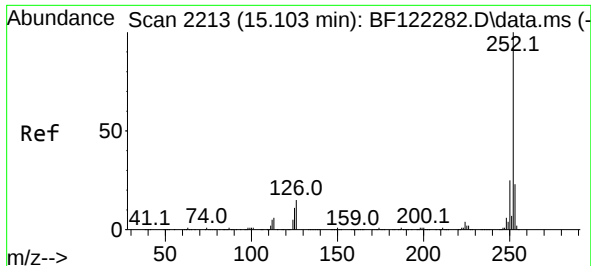


#88
Benzo(b)fluoranthene
Concen: 49.48 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



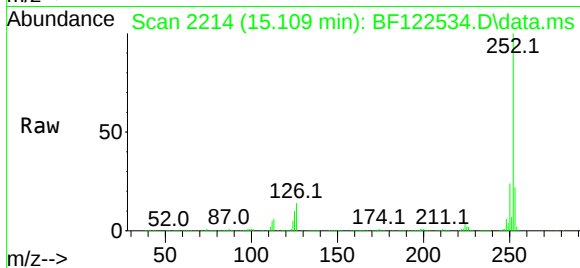
Tgt Ion:252 Resp: 2332878
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 10.2 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 41.16 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

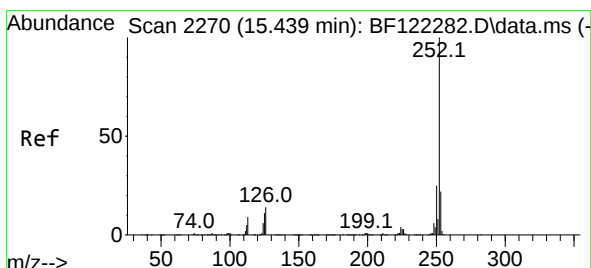
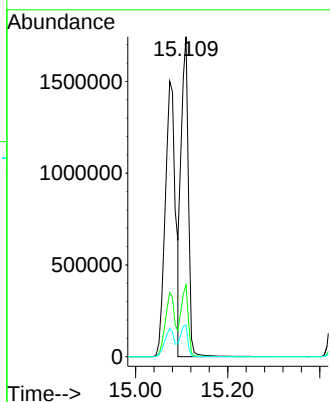
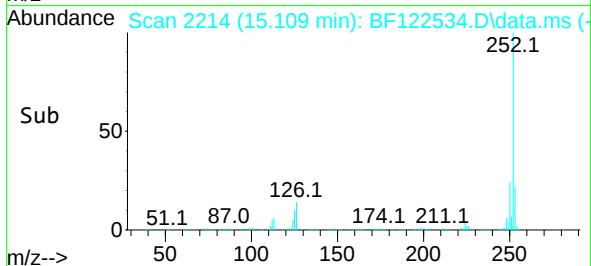
Instrument :
BNA_F
ClientSampleId :
PB133368BS



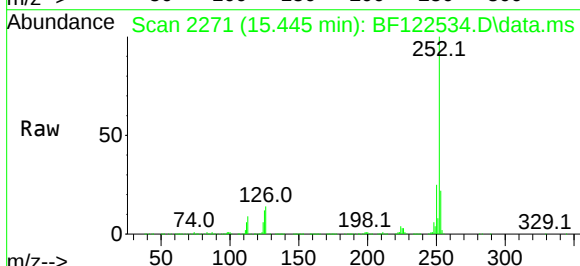
Tgt Ion:252 Resp: 1892025
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.8 7.7 11.5

Manual Integrations
APPROVED

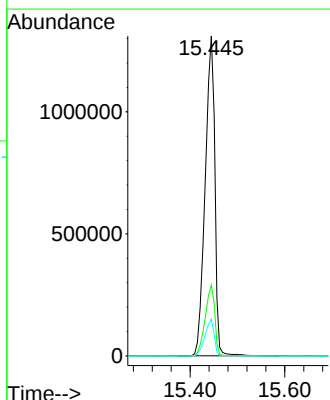
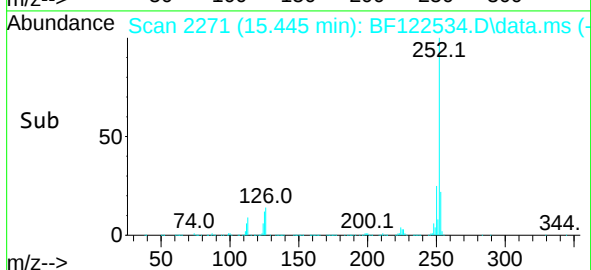
mohammad
12/7/2020 8:52:45 AM

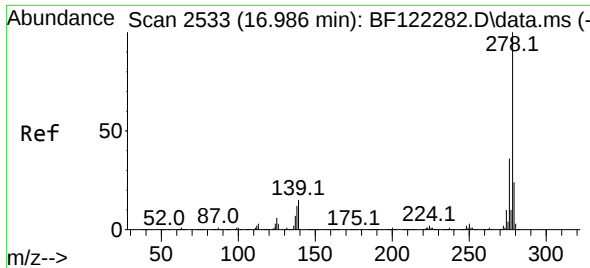


#90
Benzo(a)pyrene
Concen: 45.06 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



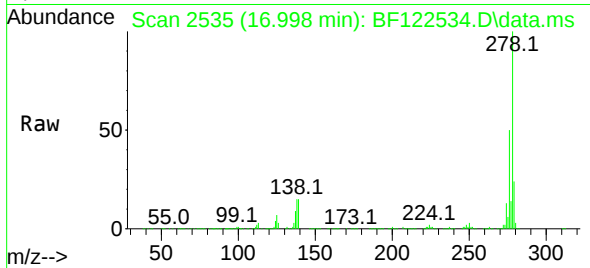
Tgt Ion:252 Resp: 1852262
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 44.31 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06

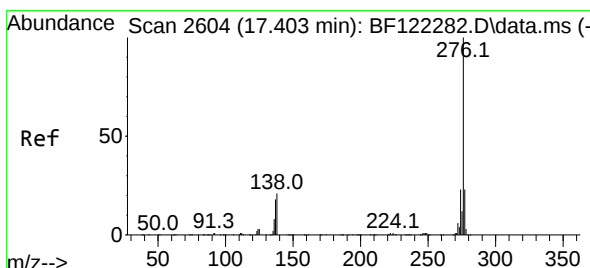
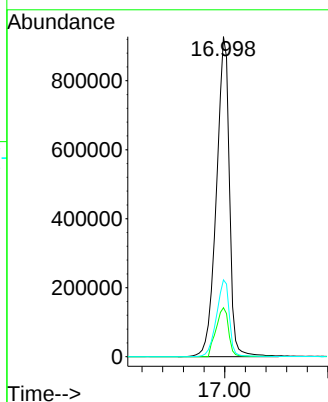
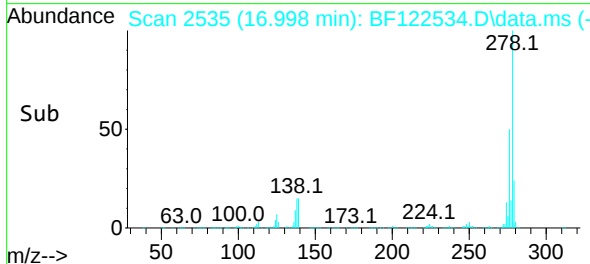
Instrument :
BNA_F
ClientSampleId :
PB133368BS



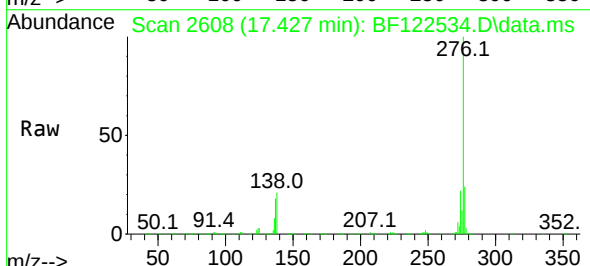
Tgt Ion:278 Resp: 1621244
Ion Ratio Lower Upper
278 100
139 15.3 13.0 19.4
279 24.0 19.0 28.4

Manual Integrations
APPROVED

mohammad
12/7/2020 8:52:45 AM



#92
Benzo(g,h,i)perylene
Concen: 45.07 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF122534.D
Acq: 3 Dec 2020 13:06



Tgt Ion:276 Resp: 1603451
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 20.8 17.8 26.6

