

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125687.D
 Acq On : 28 Sep 2021 13:58
 Operator : JU/CG
 Sample : PB139432BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139432BS

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:54:59 PM

Quant Time: Sep 28 15:16:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	337742	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1452604	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	759519	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1138905	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	585698	20.000	ng	0.00
86) Perylene-d12	15.521	264	666835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2408726	117.502	ng	0.02
7) Phenol-d6	6.522	99	3031032	109.980	ng	0.01
23) Nitrobenzene-d5	7.457	82	1871036	89.842	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	809427	114.301	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3264656	75.783	ng	0.00
79) Terphenyl-d14	12.998	244	2469078	73.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	304331	34.883	ng	# 100
3) Pyridine	3.516	79	721300	31.258	ng	# 70
4) n-Nitrosodimethylamine	3.475	42	370934	43.322	ng	# 1
6) Aniline	6.551	93	1324790	41.632	ng	95
8) 2-Chlorophenol	6.675	128	1067636	45.914	ng	98
9) Benzaldehyde	6.440	77	575581	47.425	ng	93
10) Phenol	6.534	94	1183053m	42.466	ng	
11) bis(2-Chloroethyl)ether	6.628	93	955590	44.138	ng	97
12) 1,3-Dichlorobenzene	6.834	146	1051251	40.943	ng	96
13) 1,4-Dichlorobenzene	6.910	146	1073430	41.091	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1047398	42.496	ng	98
15) Benzyl Alcohol	7.034	79	812111	42.482	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1195626	43.386	ng	88
17) 2-Methylphenol	7.139	107	847106	44.425	ng	97
18) Hexachloroethane	7.404	117	381769	45.024	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	642250	40.930	ng	# 68
20) 3+4-Methylphenols	7.292	107	996409	41.564	ng	94
22) Acetophenone	7.304	105	1338652	40.613	ng	# 89
24) Nitrobenzene	7.475	77	977663	46.150	ng	97
25) Isophorone	7.716	82	1832618	39.293	ng	95
26) 2-Nitrophenol	7.787	139	550507	49.350	ng	91
27) 2,4-Dimethylphenol	7.822	122	970762	46.801	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	1189849	45.229	ng	98
29) 2,4-Dichlorophenol	8.028	162	886899	43.044	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	897749	40.024	ng	96
31) Naphthalene	8.198	128	2799657	37.537	ng	98
32) Benzoic acid	7.957	122	661373	44.316	ng	98
33) 4-Chloroaniline	8.239	127	916520	29.295	ng	98
34) Hexachlorobutadiene	8.316	225	485217	39.233	ng	99
35) Caprolactam	8.616	113	274565m	40.834	ng	
36) 4-Chloro-3-methylphenol	8.722	107	880397	40.776	ng	99
37) 2-Methylnaphthalene	8.886	142	1923524	38.025	ng	98
38) 1-Methylnaphthalene	8.986	142	1805730	37.772	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	779151	39.444	ng	99
41) Hexachlorocyclopentadiene	9.045	237	853727	102.149	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	612903	44.246	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125687.D
 Acq On : 28 Sep 2021 13:58
 Operator : JU/CG
 Sample : PB139432BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139432BS

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:54:59 PM

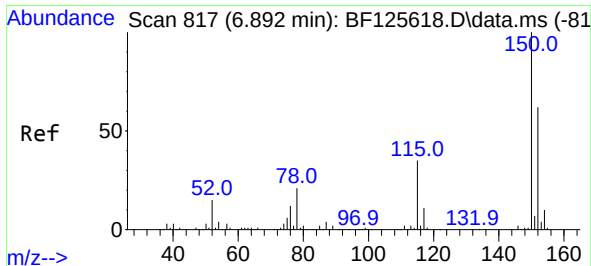
Quant Time: Sep 28 15:16:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	642903	42.987	ng	92
46) 1,1'-Biphenyl	9.351	154	2132999	38.086	ng	93
47) 2-Chloronaphthalene	9.375	162	1821360	39.280	ng	99
48) 2-Nitroaniline	9.469	65	498053	45.753	ng	89
49) Acenaphthylene	9.792	152	2660171	38.110	ng	94
50) Dimethylphthalate	9.651	163	2016152	39.404	ng	97
51) 2,6-Dinitrotoluene	9.710	165	466058	44.990	ng	95
52) Acenaphthene	9.963	154	1802362	41.183	ng	97
53) 3-Nitroaniline	9.880	138	409403	35.303	ng	95
54) 2,4-Dinitrophenol	9.986	184	387392	79.737	ng #	69
55) Dibenzofuran	10.133	168	2417239	36.815	ng	98
56) 4-Nitrophenol	10.039	139	739367	78.445	ng	85
57) 2,4-Dinitrotoluene	10.116	165	596922	46.123	ng #	79
58) Fluorene	10.480	166	1783432	34.896	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	477485	41.484	ng #	89
60) Diethylphthalate	10.351	149	1878239	38.076	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	822167	36.192	ng	89
62) 4-Nitroaniline	10.498	138	459786	39.779	ng #	73
63) Azobenzene	10.628	77	1780194	37.376	ng	85
65) 4,6-Dinitro-2-methylph...	10.522	198	254630	46.322	ng #	74
66) n-Nitrosodiphenylamine	10.586	169	1651500	42.241	ng	94
67) 4-Bromophenyl-phenylether	10.957	248	524441	43.877	ng	97
68) Hexachlorobenzene	11.027	284	611435	43.587	ng #	83
69) Atrazine	11.110	200	463528	44.713	ng	95
70) Pentachlorophenol	11.216	266	619607	83.572	ng	96
71) Phenanthrene	11.439	178	2406227	37.676	ng	93
72) Anthracene	11.492	178	2454044	38.886	ng	95
73) Carbazole	11.639	167	2212292	35.620	ng	99
74) Di-n-butylphthalate	11.974	149	2366771	37.799	ng	99
75) Fluoranthene	12.621	202	2130148	31.208	ng	95
77) Benzidine	12.739	184	959277	62.346	ng	97
78) Pyrene	12.851	202	2092926m	39.540	ng	
80) Butylbenzylphthalate	13.468	149	736613	42.024	ng	98
81) Benzo(a)anthracene	14.039	228	1597582	40.155	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	559976	48.779	ng	98
83) Chrysene	14.074	228	1600766	40.093	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	918737	45.786	ng	100
85) Di-n-octyl phthalate	14.639	149	1776952	60.378	ng #	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	2151507	47.531	ng	97
88) Benzo(b)fluoranthene	15.092	252	1794739	38.415	ng	99
89) Benzo(k)fluoranthene	15.121	252	1814352	40.533	ng #	97
90) Benzo(a)pyrene	15.462	252	1834179	44.104	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	1782691	47.119	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1837129	47.546	ng	94

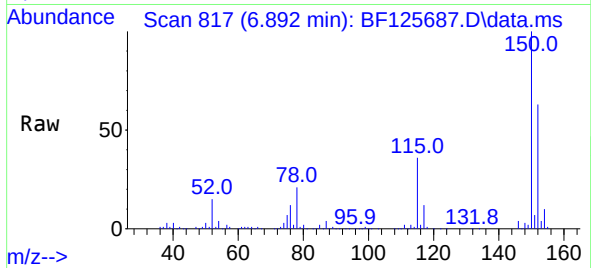
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mohammad
9/29/2021 12:54:59 PM

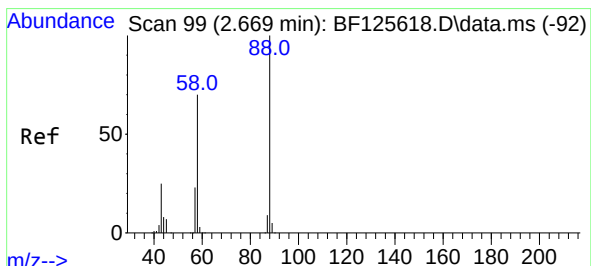
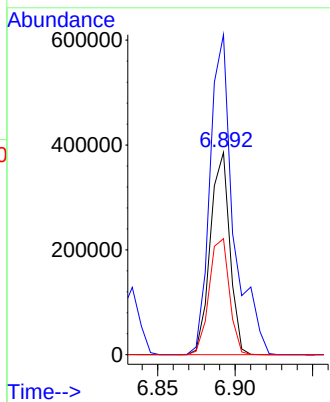
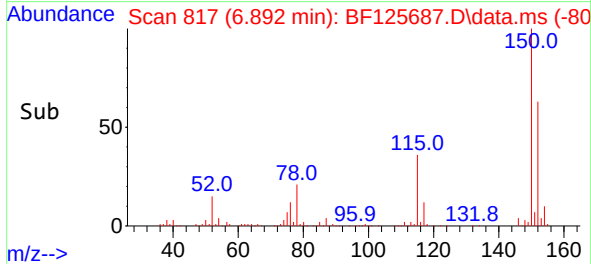
[illegible]



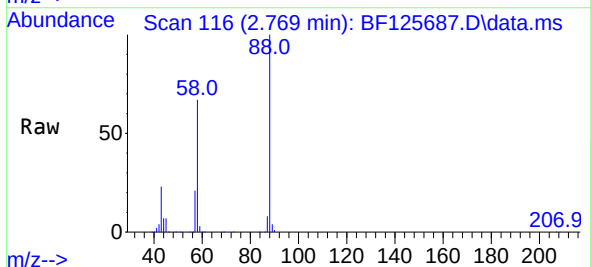
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



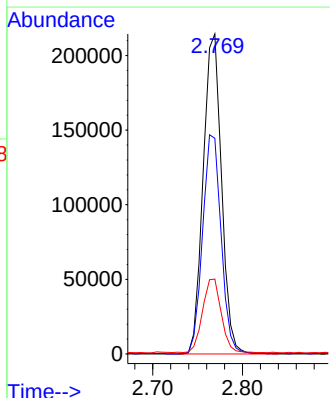
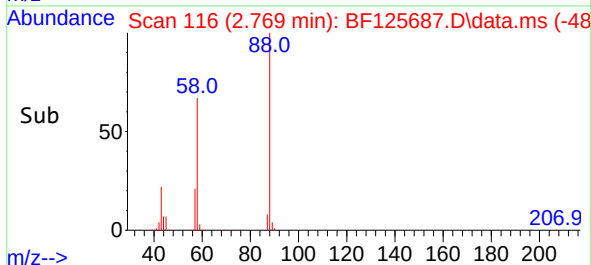
Tgt Ion: 152 Resp: 337742
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 57.3 47.1 70.7



#2
1,4-Dioxane
Concen: 34.883 ng
RT: 2.769 min Scan# 116
Delta R.T. 0.100 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



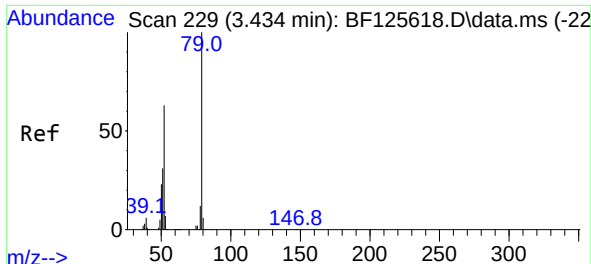
Tgt Ion: 88 Resp: 304331
Ion Ratio Lower Upper
88 100
58 69.3 0.0 0.0#
43 23.4 0.0 0.0#



Instrument :
BNA_F
ClientSampled :
PB139432BS

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



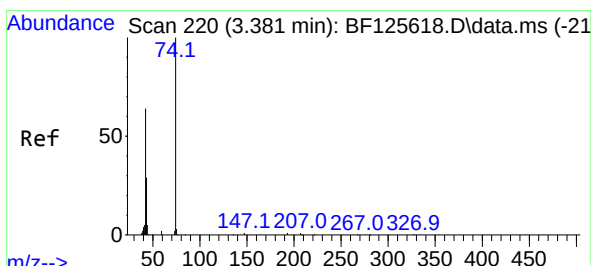
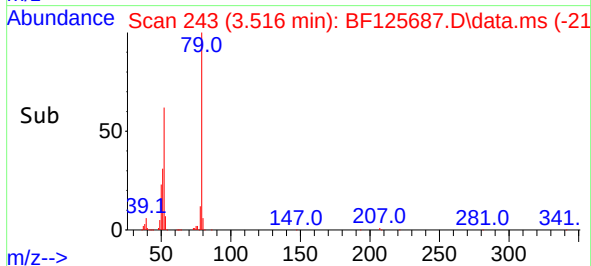
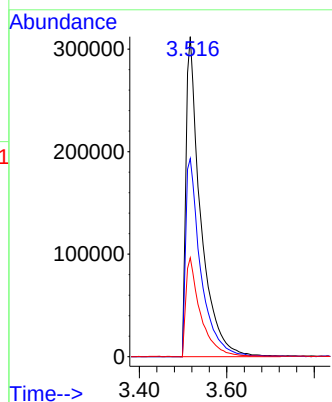
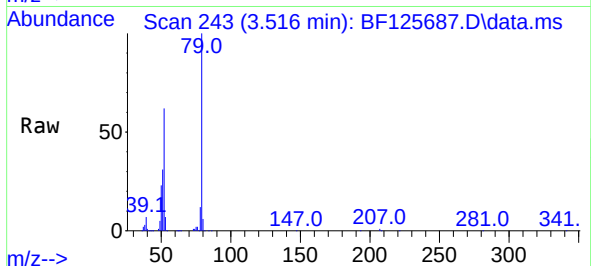
#3
Pyridine
Concen: 31.258 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.082 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion: 79 Resp: 721300
Ion Ratio Lower Upper
79 100
52 61.9 70.3 105.5#
51 30.9 44.1 66.1#

Instrument :
BNA_F
ClientSampleId :
PB139432BS

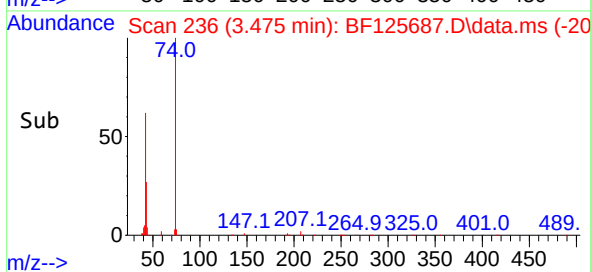
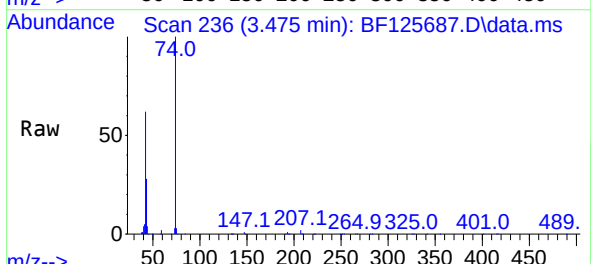
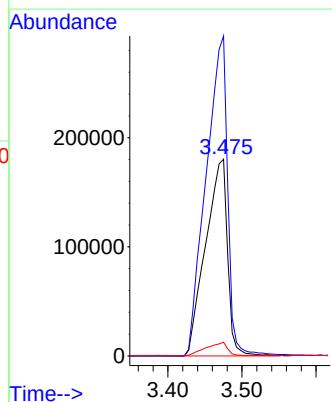
Manual Integrations
APPROVED

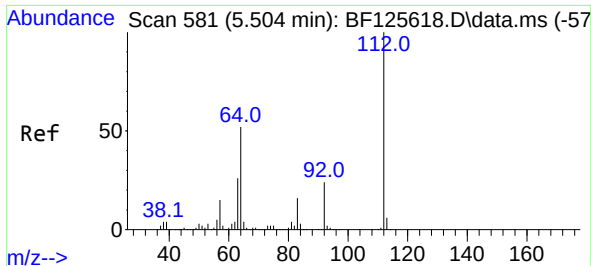
mohammad
9/29/2021 12:54:59 PM



#4
n-Nitrosodimethylamine
Concen: 43.322 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.094 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

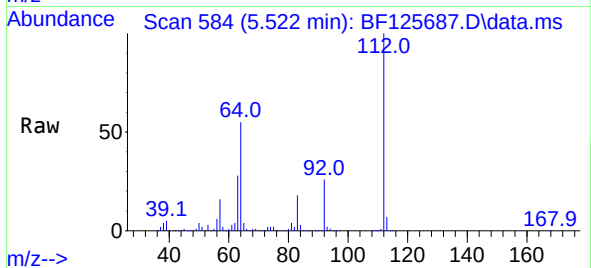
Tgt Ion: 42 Resp: 370934
Ion Ratio Lower Upper
42 100
74 162.5 59.0 88.6#
44 7.0 0.0 0.0#





#5
2-Fluorophenol
Concen: 117.502 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

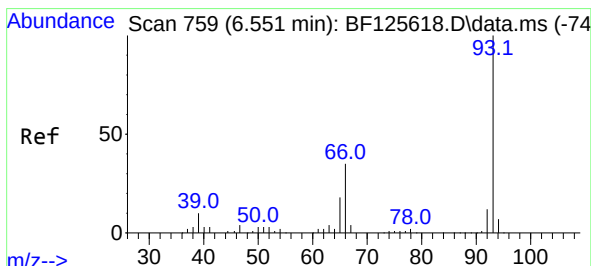
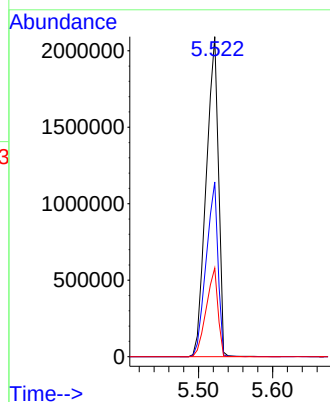
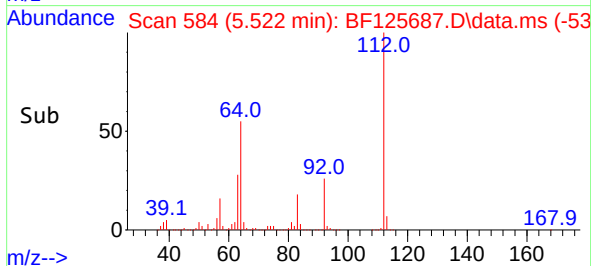
Instrument :
BNA_F
ClientSampleId :
PB139432BS



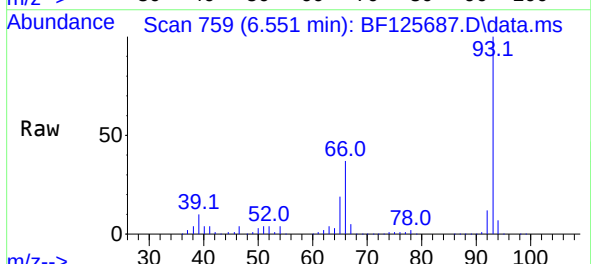
Tgt Ion:112 Resp: 2408726
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.7 26.2 39.2

Manual Integrations
APPROVED

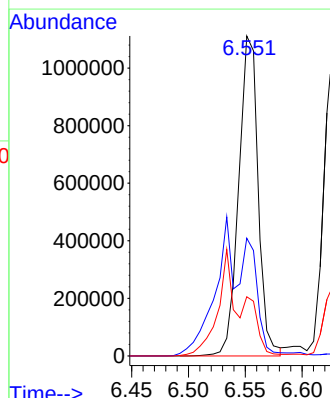
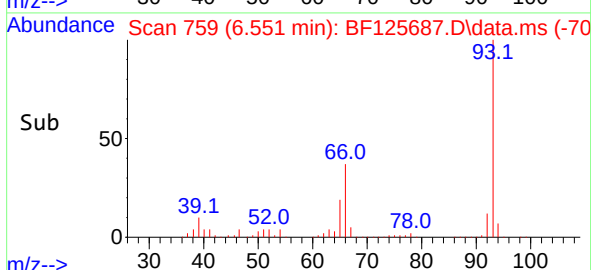
mohammad
9/29/2021 12:54:59 PM

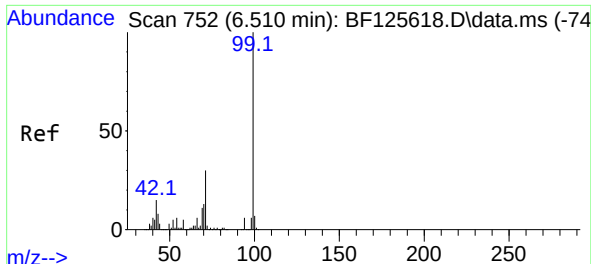


#6
Aniline
Concen: 41.632 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion: 93 Resp: 1324790
Ion Ratio Lower Upper
93 100
66 36.8 32.7 49.1
65 18.5 14.2 21.4





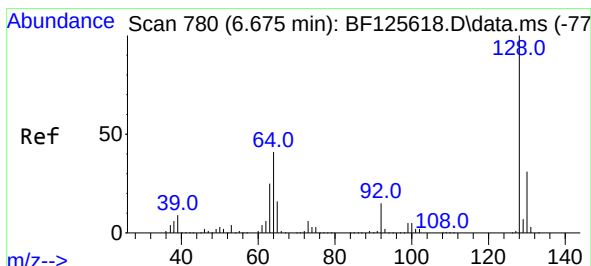
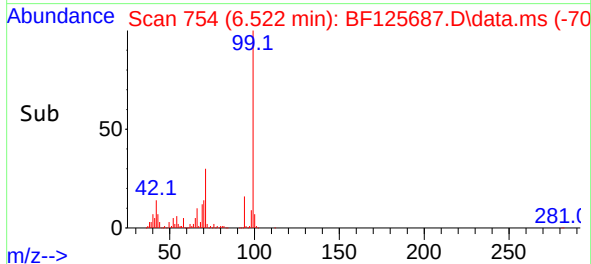
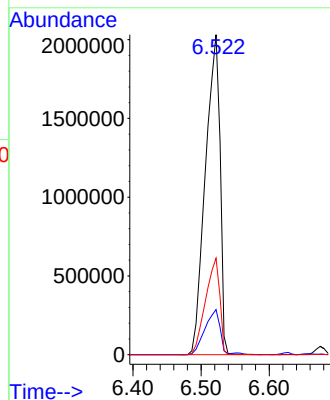
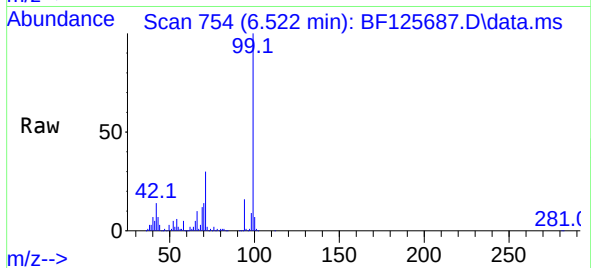
#7
Phenol-d6
Concen: 109.980 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion: 99 Resp: 3031032
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 30.1 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
PB139432BS

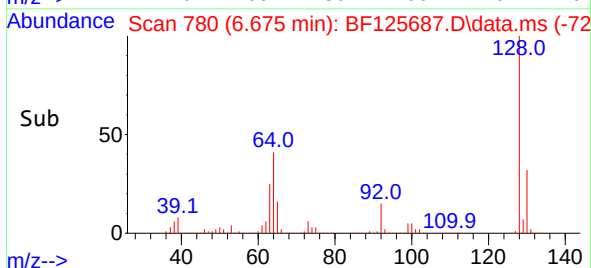
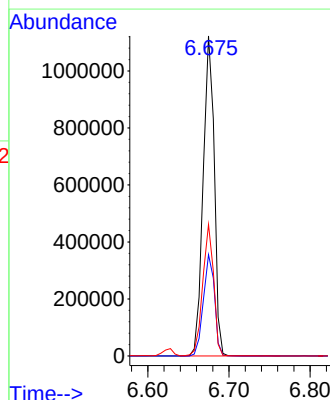
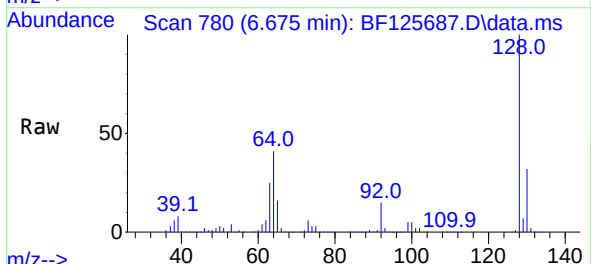
Manual Integrations
APPROVED

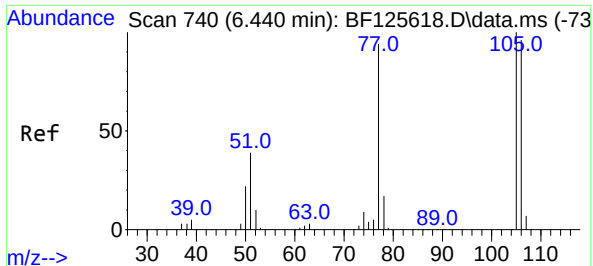
mohammad
9/29/2021 12:54:59 PM



#8
2-Chlorophenol
Concen: 45.914 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

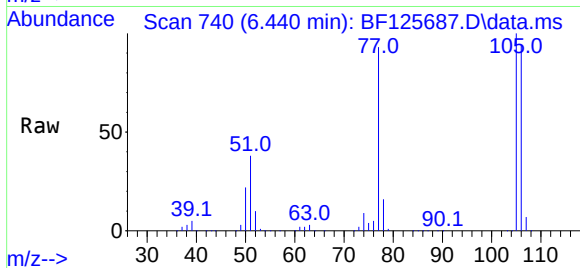
Tgt Ion: 128 Resp: 1067636
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 41.1 20.3 60.3





#9
Benzaldehyde
Concen: 47.425 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

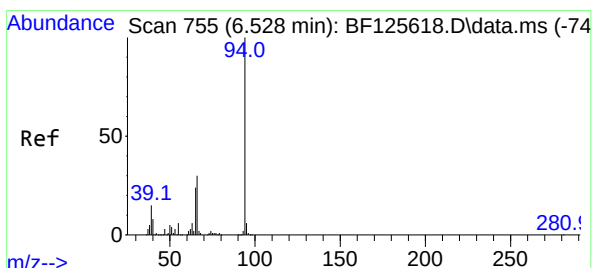
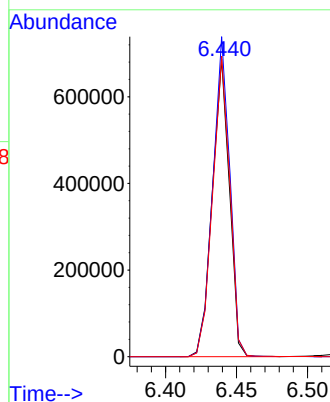
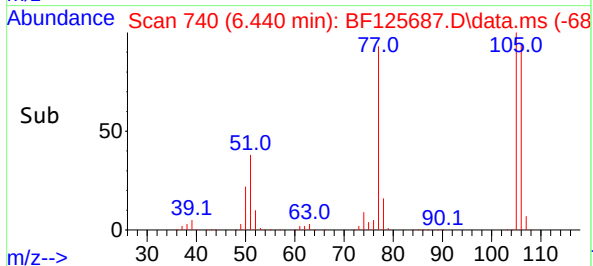
Instrument :
BNA_F
ClientSampleId :
PB139432BS



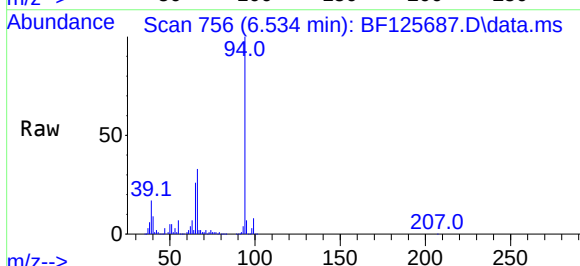
Tgt Ion: 77 Resp: 575581
Ion Ratio Lower Upper
77 100
105 107.5 75.9 115.9
106 100.9 84.0 124.0

Manual Integrations
APPROVED

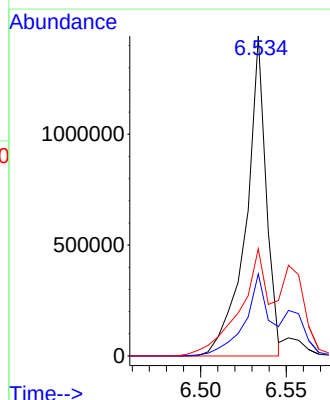
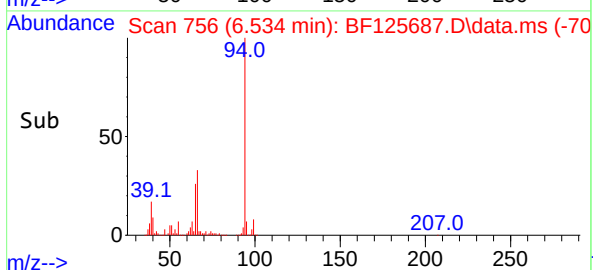
mohammad
9/29/2021 12:54:59 PM

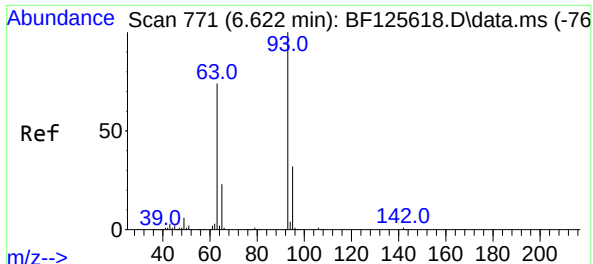


#10
Phenol
Concen: 42.466 ng m
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

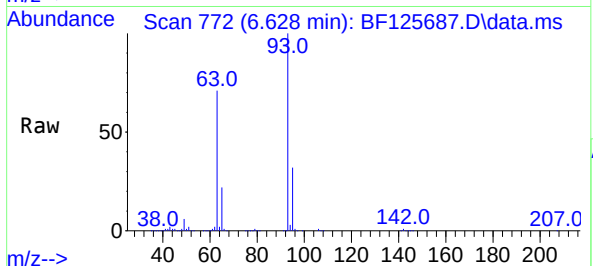


Tgt Ion: 94 Resp: 1183053
Ion Ratio Lower Upper
94 100
65 25.7 9.3 49.3
66 33.5 20.3 60.3

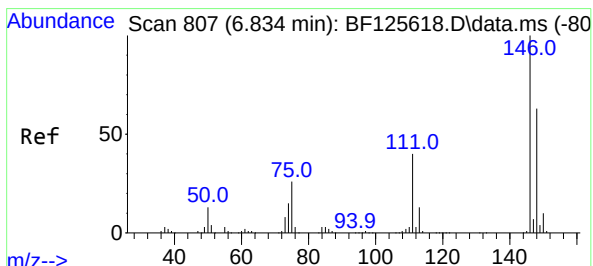
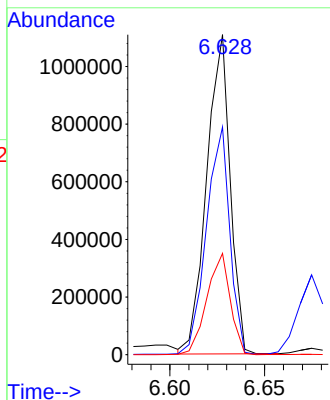
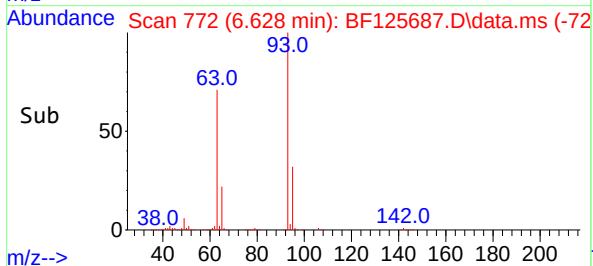




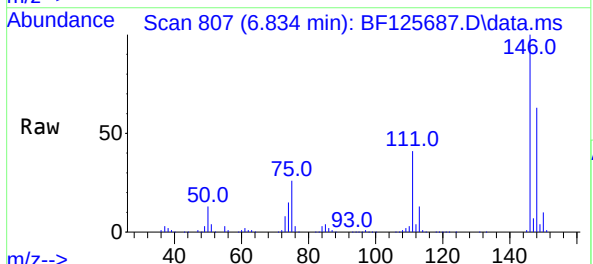
#11
bis(2-Chloroethyl)ether
Concen: 44.138 ng
RT: 6.628 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



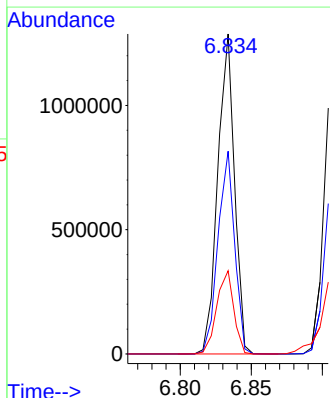
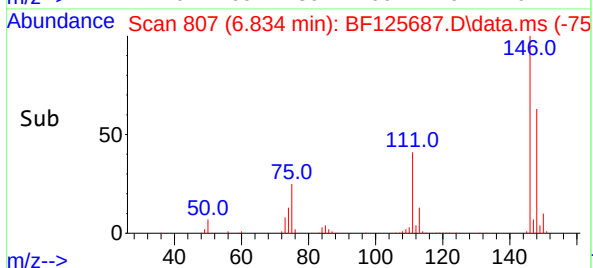
Tgt Ion: 93 Resp: 955590
Ion Ratio Lower Upper
93 100
63 71.1 54.4 94.4
95 31.7 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 40.943 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



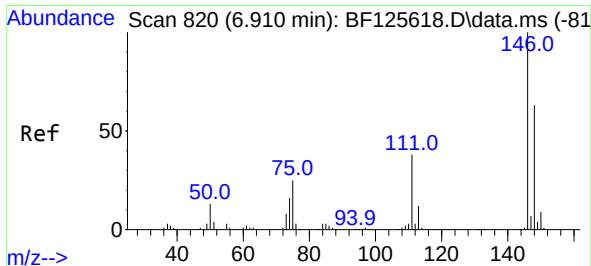
Tgt Ion: 146 Resp: 1051251
Ion Ratio Lower Upper
146 100
148 63.3 49.7 74.5
75 26.0 25.2 37.8



Instrument :
BNA_F
ClientSampleId :
PB139432BS

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



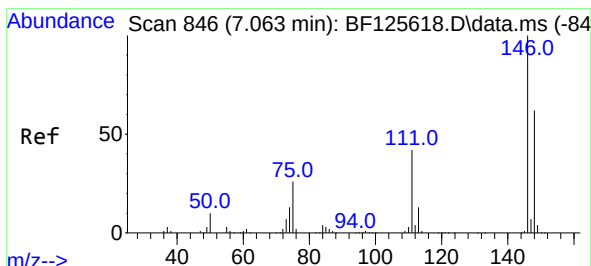
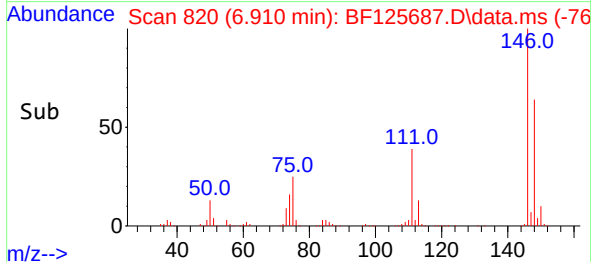
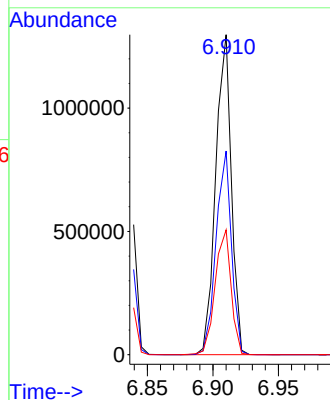
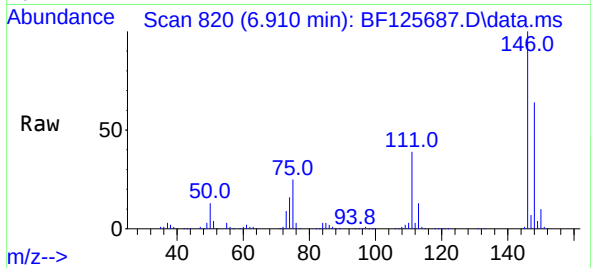
#13
1,4-Dichlorobenzene
Concen: 41.091 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:146 Resp: 1073430
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 39.0 31.8 47.6

Instrument :
BNA_F
ClientSampled :
PB139432BS

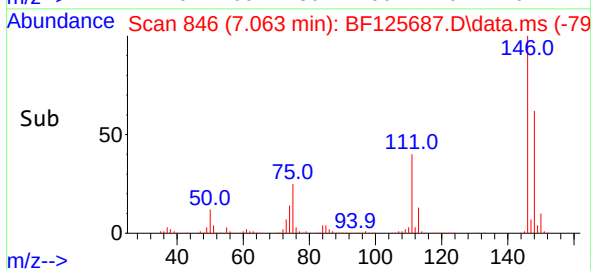
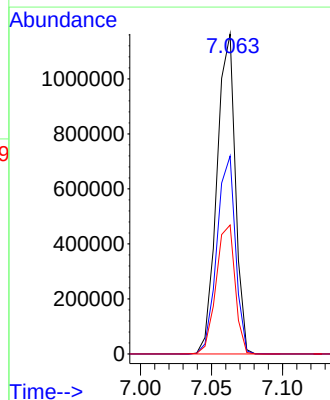
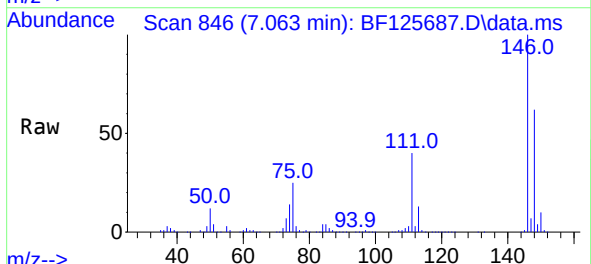
Manual Integrations
APPROVED

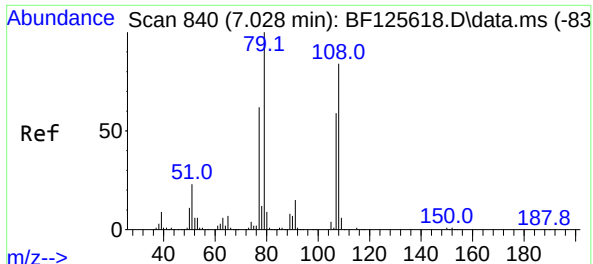
mohammad
9/29/2021 12:54:59 PM



#14
1,2-Dichlorobenzene
Concen: 42.496 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

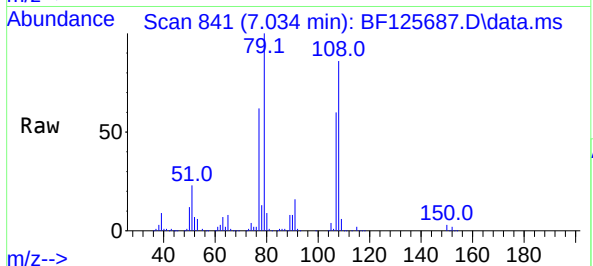
Tgt Ion:146 Resp: 1047398
Ion Ratio Lower Upper
146 100
148 61.9 50.6 75.8
111 40.3 33.5 50.3





#15
Benzyl Alcohol
Concen: 42.482 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

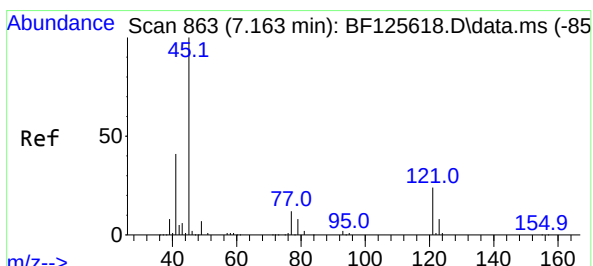
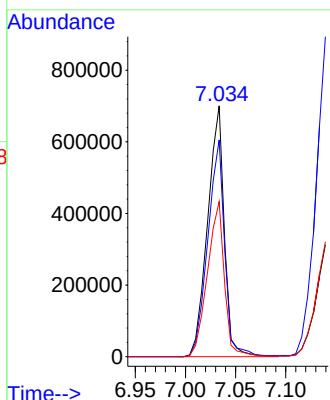
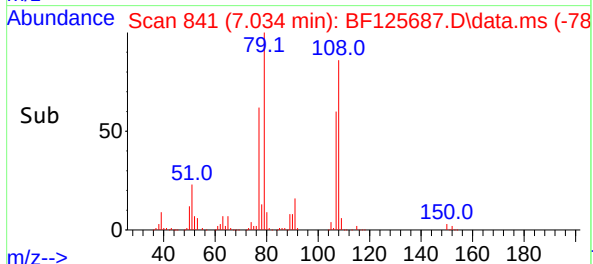
Instrument :
BNA_F
ClientSampleId :
PB139432BS



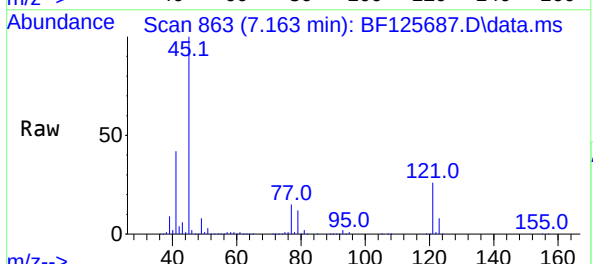
Tgt Ion: 79 Resp: 812111
Ion Ratio Lower Upper
79 100
108 86.4 60.4 90.6
77 61.8 51.5 77.3

Manual Integrations
APPROVED

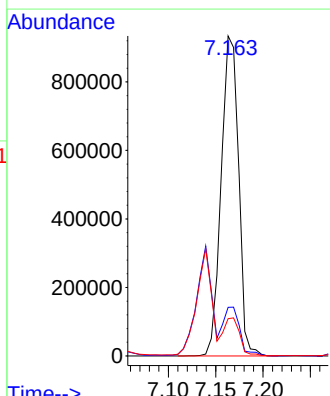
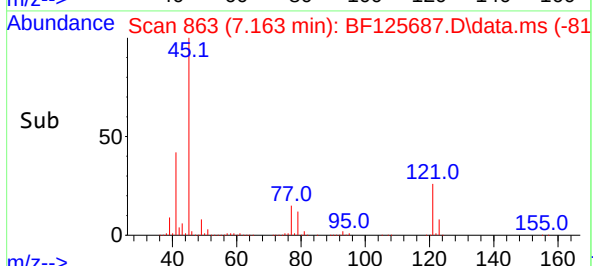
mohammad
9/29/2021 12:54:59 PM

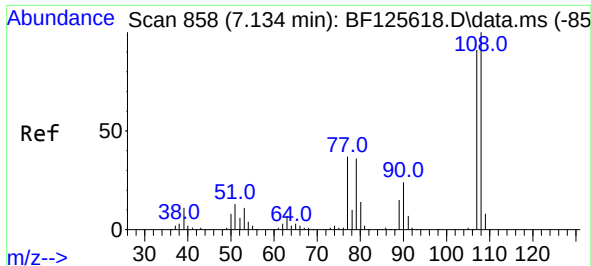


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.386 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

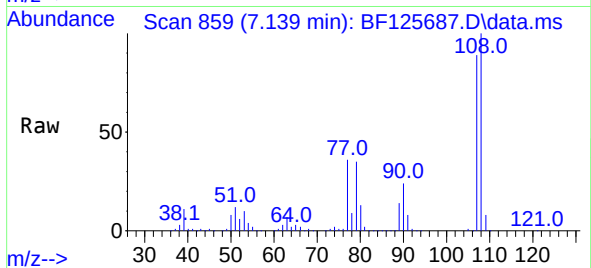


Tgt Ion: 45 Resp: 1195626
Ion Ratio Lower Upper
45 100
77 15.2 0.0 30.6
79 11.7 0.0 27.5



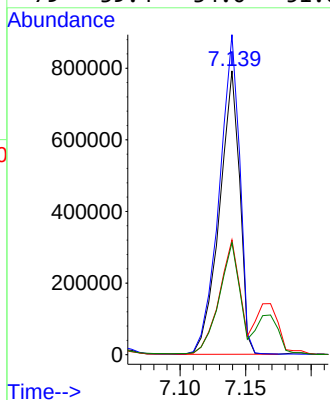


#17
2-Methylphenol
Concen: 44.425 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:107 Resp: 847106

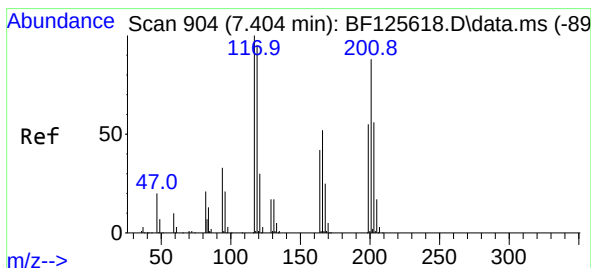
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	135.8
77	40.5	35.7	53.5
79	39.4	34.0	51.0



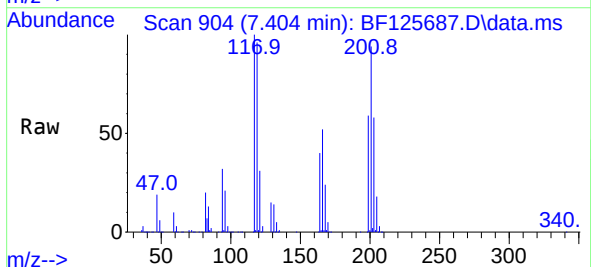
Instrument :
BNA_F
ClientSampleId :
PB139432BS

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM

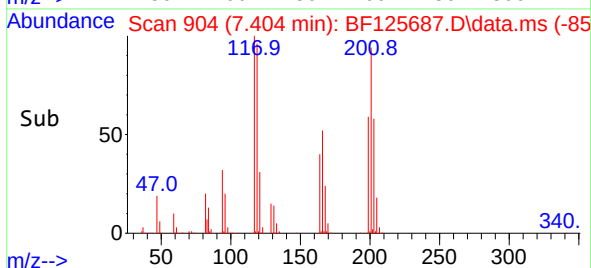
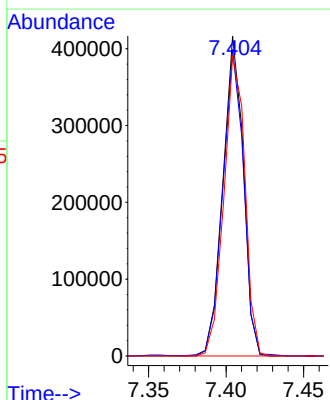


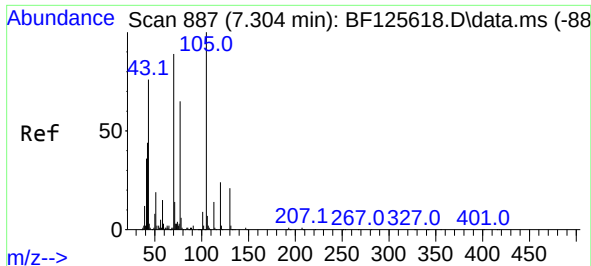
#18
Hexachloroethane
Concen: 45.024 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:117 Resp: 381769

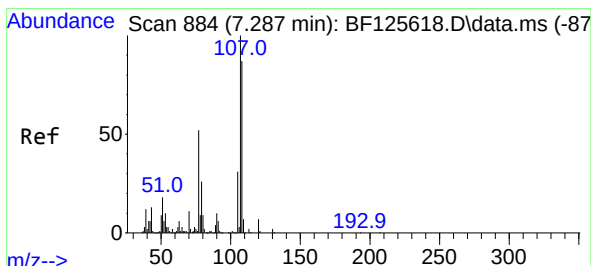
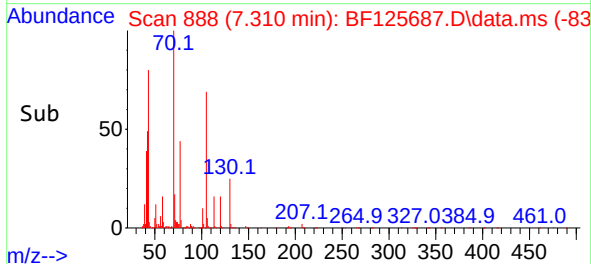
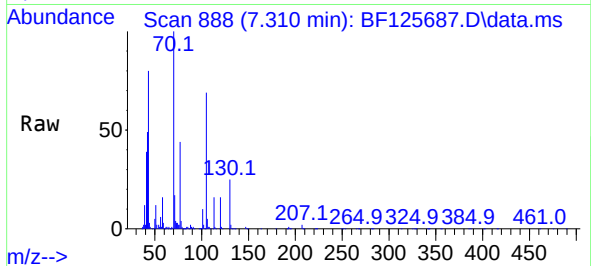
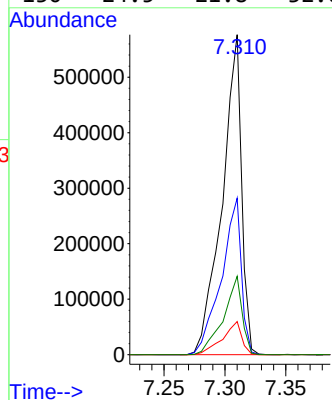
Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.4	110.2
201	93.6	64.9	97.3





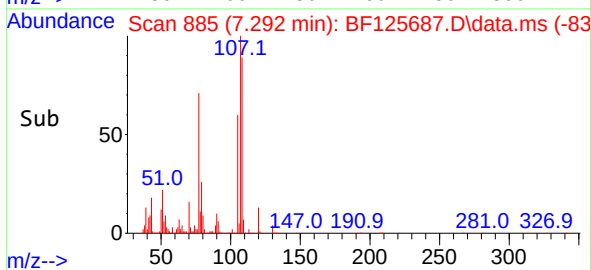
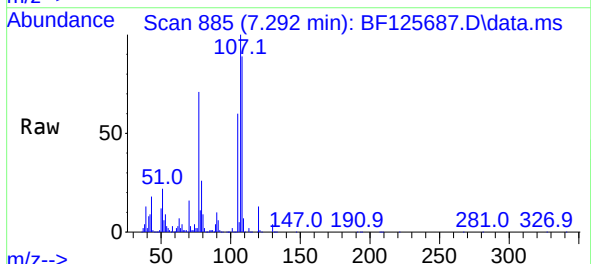
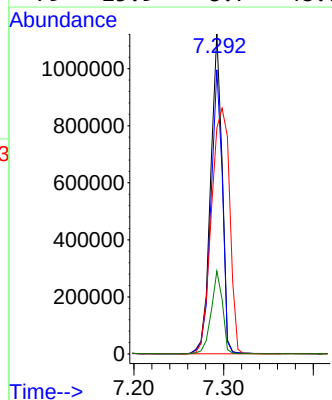
#19
n-Nitroso-di-n-propylamine
Concen: 40.930 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion: 70 Resp: 642250
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 10.3 7.8 11.8
130 24.5 21.8 32.6



#20
3+4-Methylphenols
Concen: 41.564 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

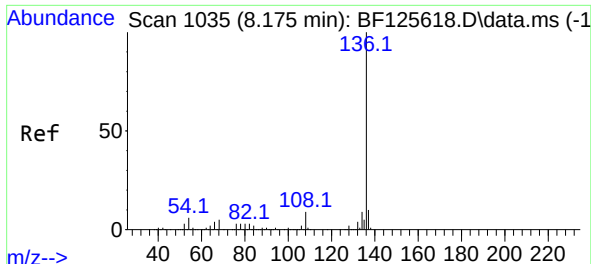
Tgt Ion: 107 Resp: 996409
Ion Ratio Lower Upper
107 100
108 88.8 76.6 116.6
77 70.6 53.3 93.3
79 25.9 8.7 48.7



Instrument :
BNA_F
ClientSampleId :
PB139432BS

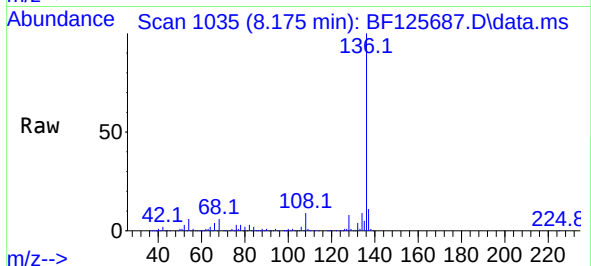
Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampleId :
PB139432BS

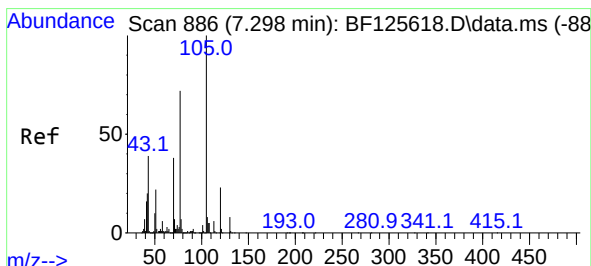
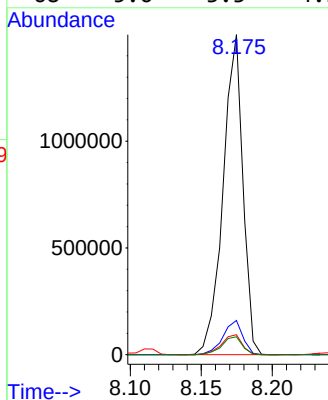
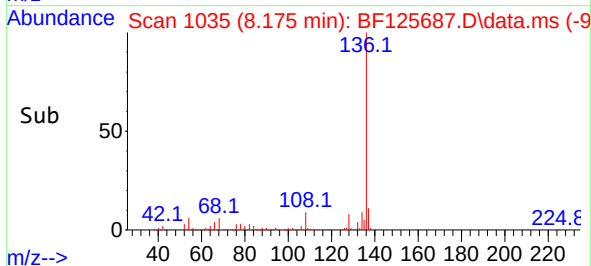


Tgt Ion:136 Resp: 1452604

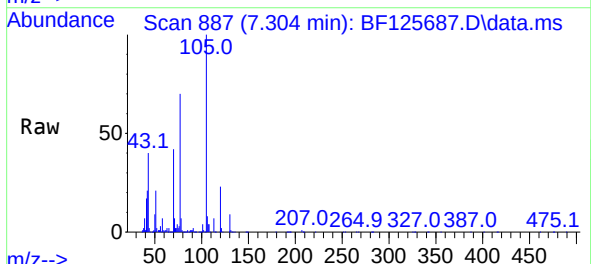
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.2	6.4	9.6#
68	5.6	3.3	4.9#

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM

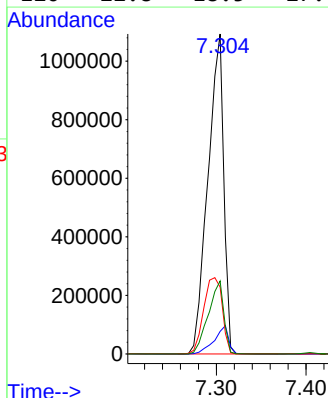
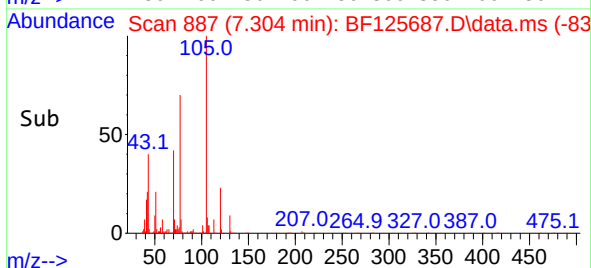


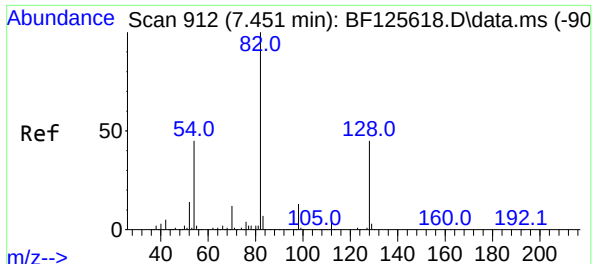
#22
Acetophenone
Concen: 40.613 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:105 Resp: 1338652

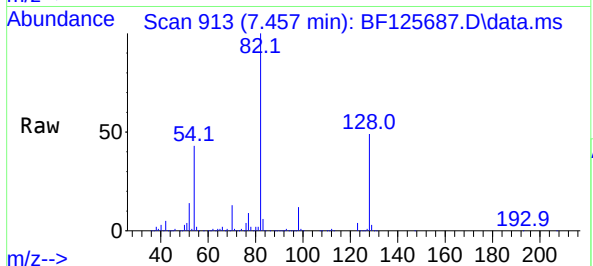
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.5	8.3
51	20.9	26.0	39.0#
120	22.8	18.5	27.7





#23
Nitrobenzene-d5
Concen: 89.842 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

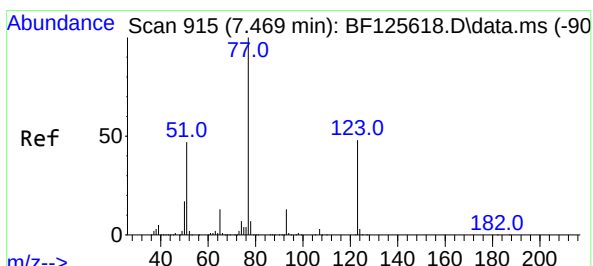
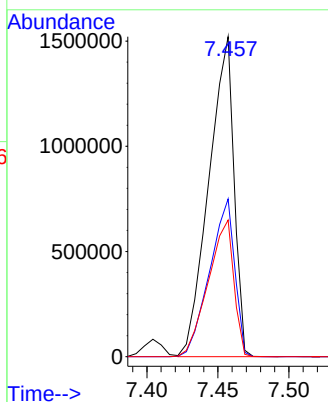
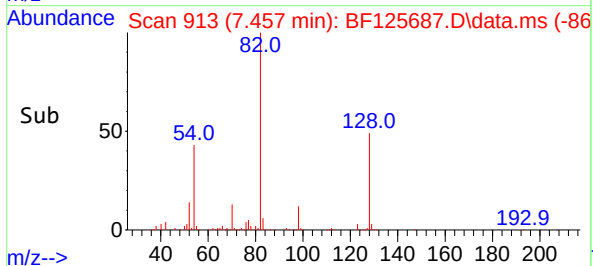
Instrument :
BNA_F
ClientSampleId :
PB139432BS



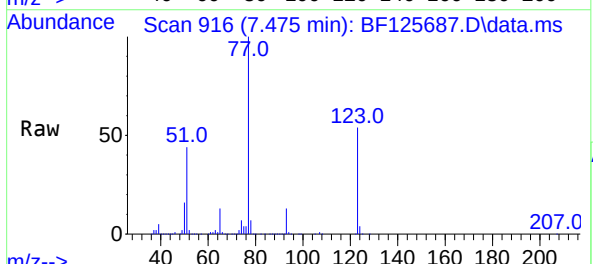
Tgt Ion: 82 Resp: 1871036
Ion Ratio Lower Upper
82 100
128 49.3 40.6 60.8
54 42.7 49.6 74.4#

Manual Integrations
APPROVED

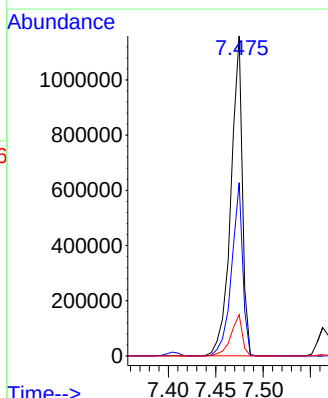
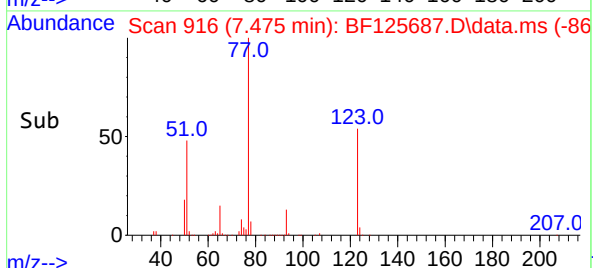
mohammad
9/29/2021 12:54:59 PM

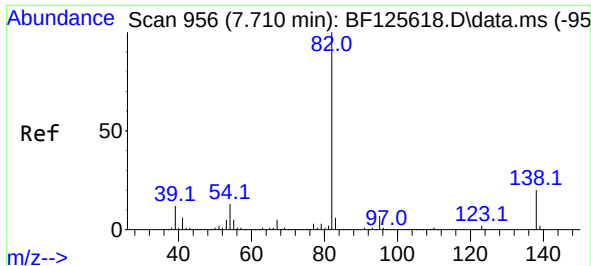


#24
Nitrobenzene
Concen: 46.150 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

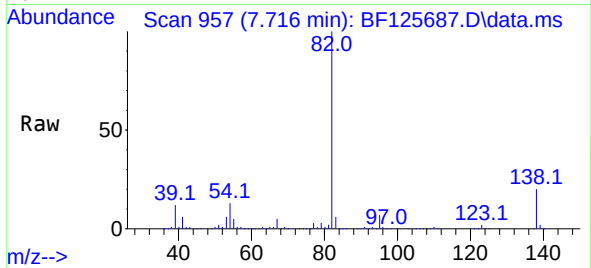


Tgt Ion: 77 Resp: 977663
Ion Ratio Lower Upper
77 100
123 54.1 42.3 63.5
65 12.9 12.4 18.6



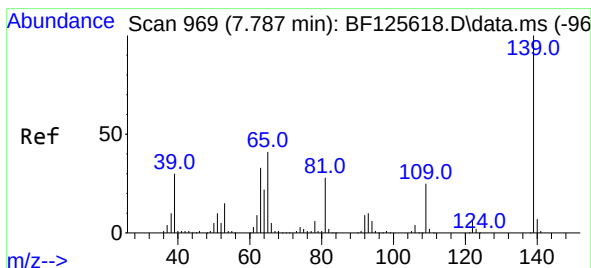
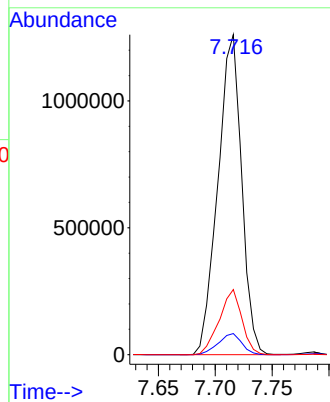
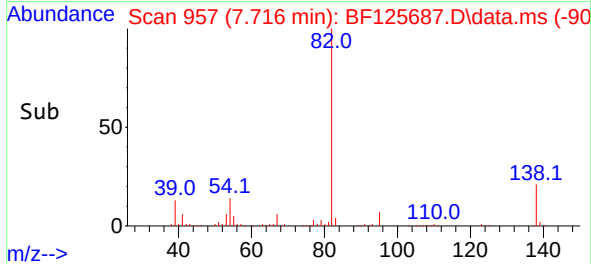


#25
Isophorone
Concen: 39.293 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

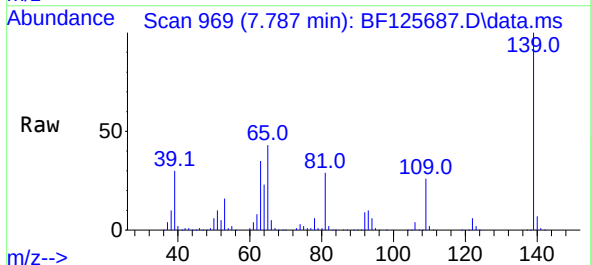


Tgt Ion: 82 Resp: 1832618

Ion	Ratio	Lower	Upper
82	100		
95	6.6	6.5	9.7
138	20.3	18.4	27.6

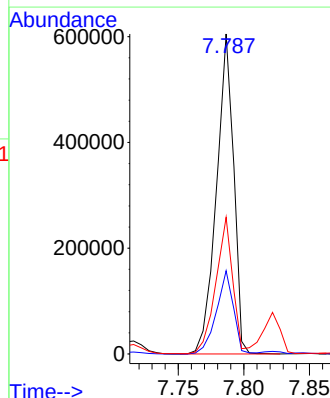
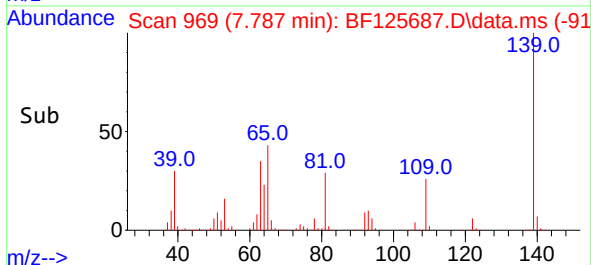


#26
2-Nitrophenol
Concen: 49.350 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion: 139 Resp: 550507

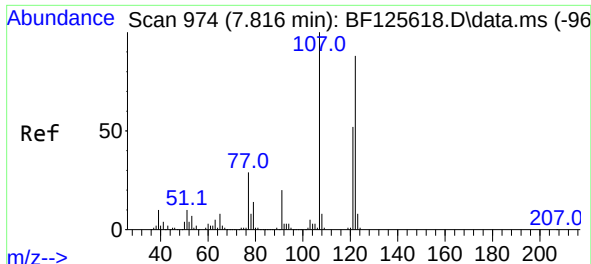
Ion	Ratio	Lower	Upper
139	100		
109	26.0	26.0	39.0
65	42.7	31.0	46.4



Instrument :
BNA_F
ClientSampled :
PB139432BS

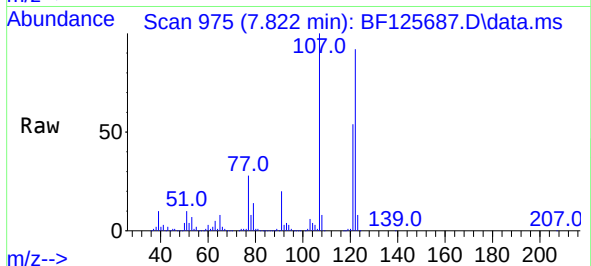
Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



#27
2,4-Dimethylphenol
Concen: 46.801 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

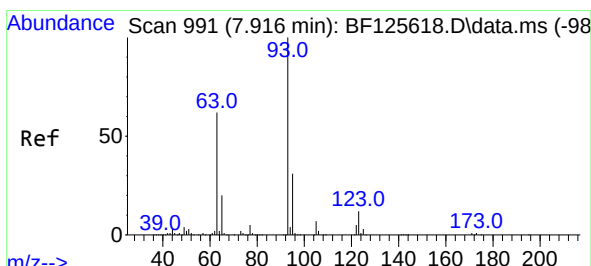
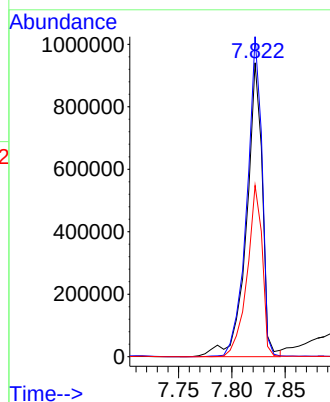
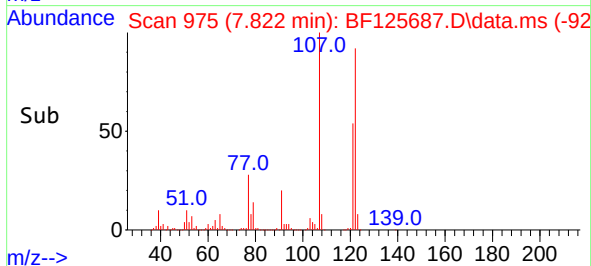
Instrument :
BNA_F
ClientSampled :
PB139432BS



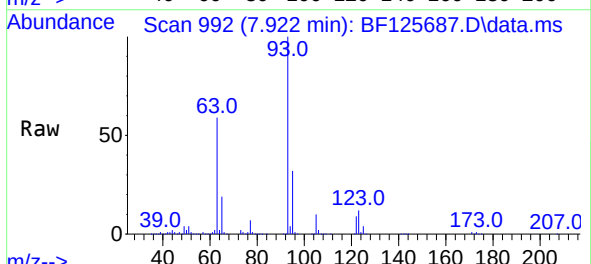
Tgt Ion:122 Resp: 970762
Ion Ratio Lower Upper
122 100
107 108.9 85.0 127.6
121 58.3 43.3 64.9

Manual Integrations
APPROVED

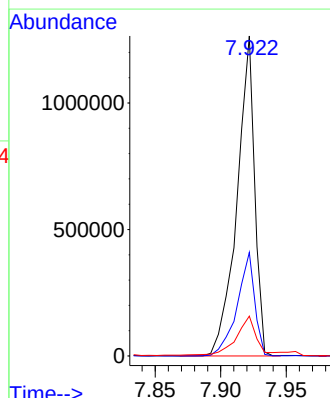
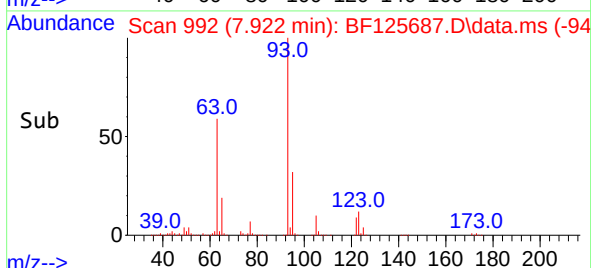
mohammad
9/29/2021 12:54:59 PM

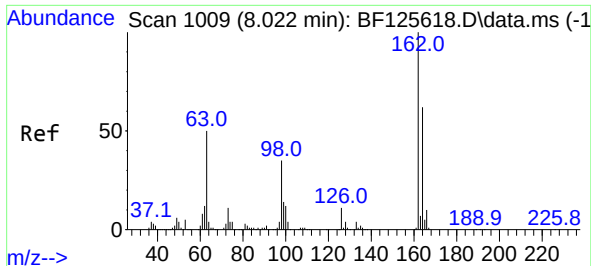


#28
bis(2-Chloroethoxy)methane
Concen: 45.229 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion: 93 Resp: 1189849
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.4 11.7 17.5





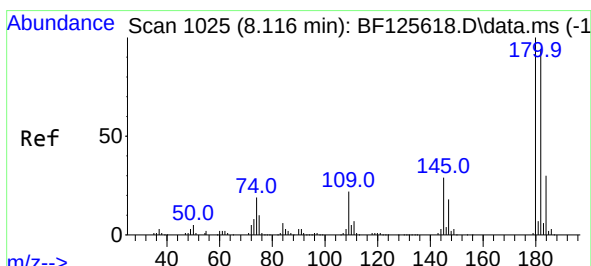
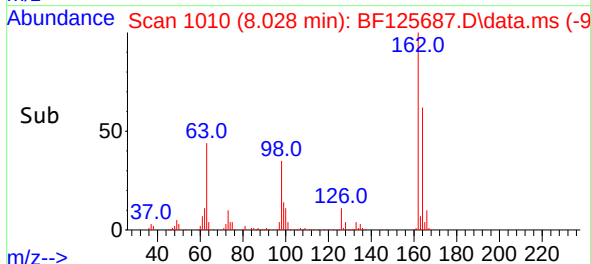
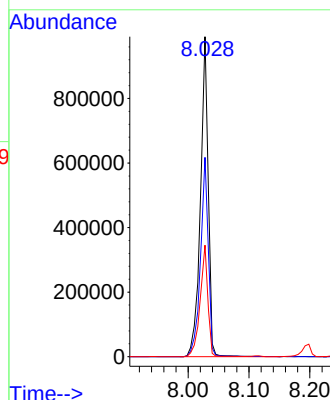
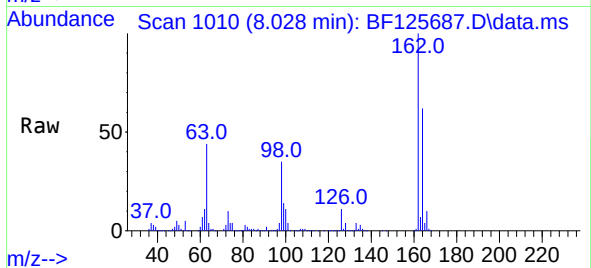
#29
2,4-Dichlorophenol
Concen: 43.044 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:162 Resp: 886899
Ion Ratio Lower Upper
162 100
164 62.3 44.5 84.5
98 34.9 13.0 53.0

Instrument :
BNA_F
ClientSampleId :
PB139432BS

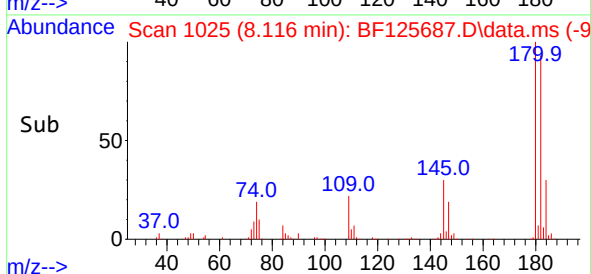
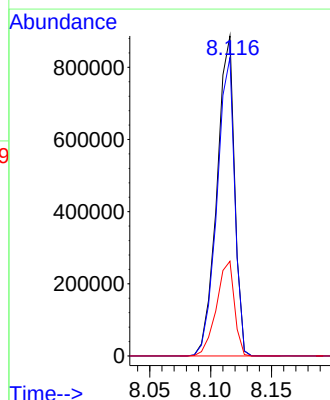
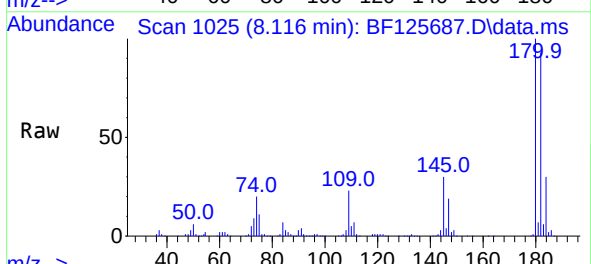
Manual Integrations
APPROVED

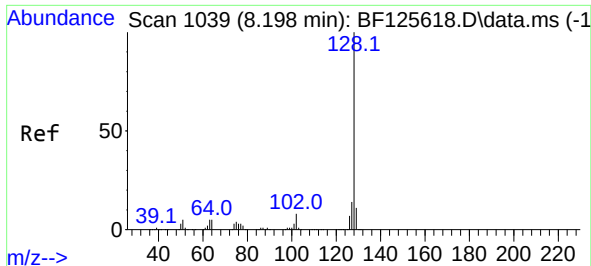
mohammad
9/29/2021 12:54:59 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.024 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

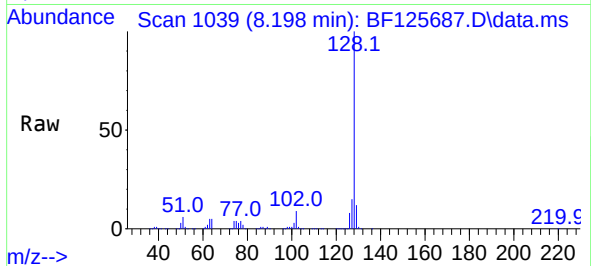
Tgt Ion:180 Resp: 897749
Ion Ratio Lower Upper
180 100
182 93.2 76.8 115.2
145 29.6 26.7 40.1





#31
Naphthalene
Concen: 37.537 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

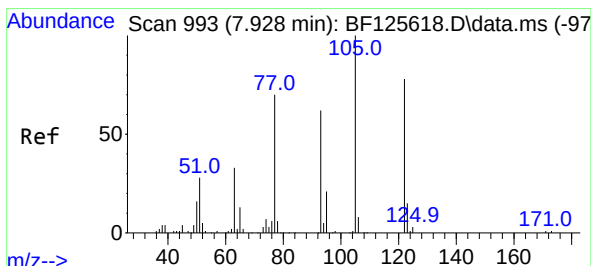
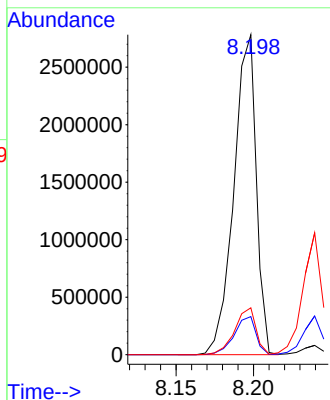
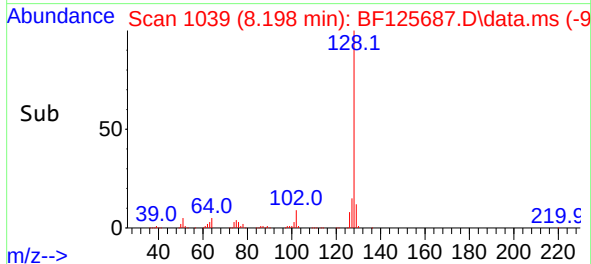
Instrument :
BNA_F
ClientSampleId :
PB139432BS



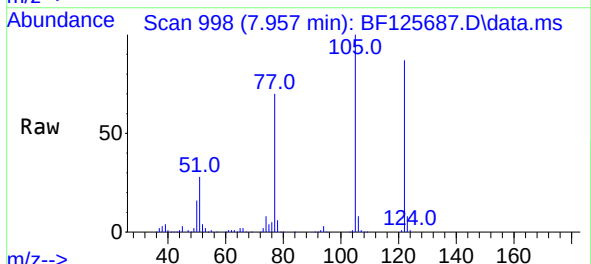
Tgt Ion:128 Resp: 2799657
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 14.6 10.9 16.3

Manual Integrations
APPROVED

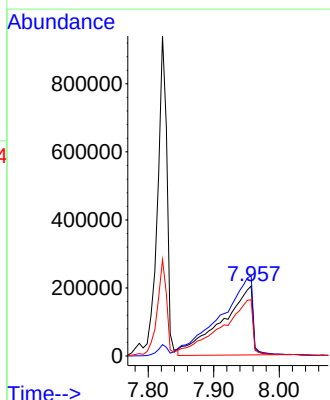
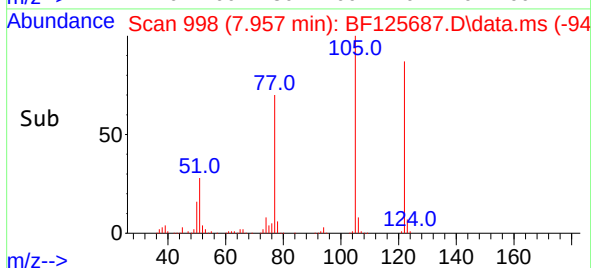
mohammad
9/29/2021 12:54:59 PM

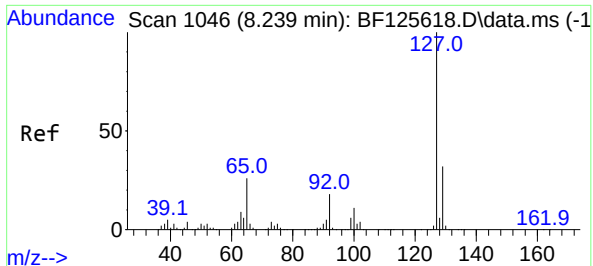


#32
Benzoic acid
Concen: 44.316 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.029 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:122 Resp: 661373
Ion Ratio Lower Upper
122 100
105 114.8 97.6 137.6
77 80.3 59.6 99.6





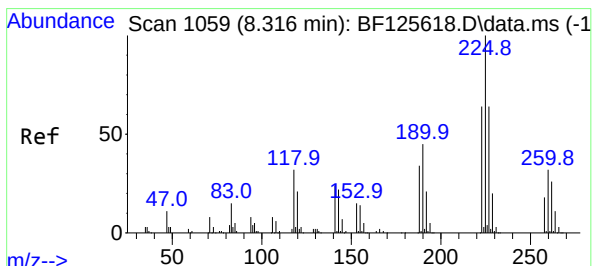
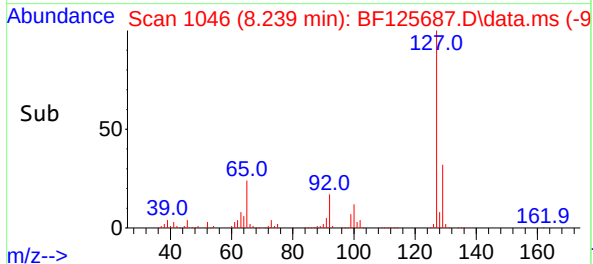
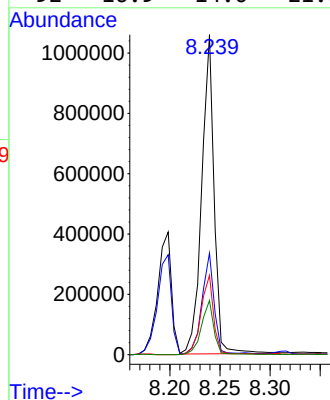
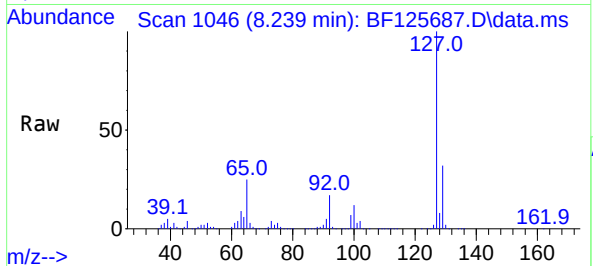
#33
4-Chloroaniline
Concen: 29.295 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampleId :
PB139432BS

Tgt Ion:	127	Resp:	916520
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	24.8	21.2	31.8
92	16.9	14.0	21.0

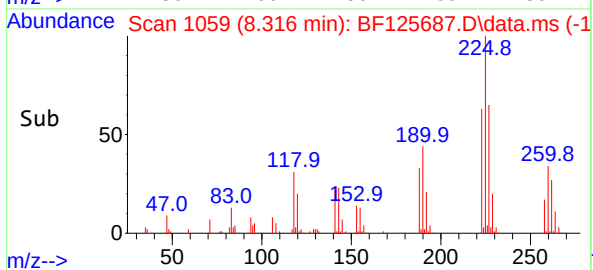
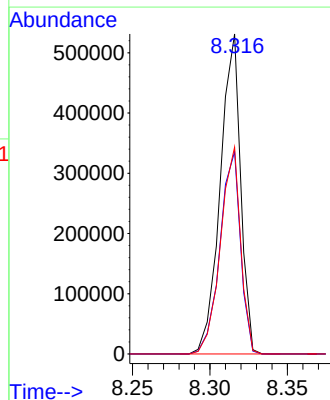
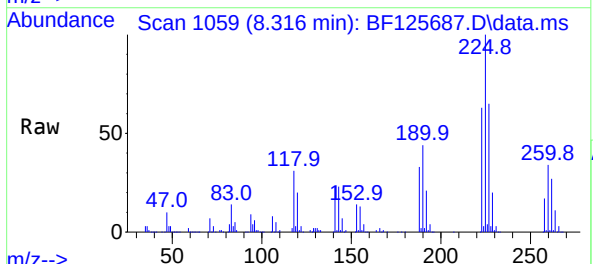
Manual Integrations
APPROVED

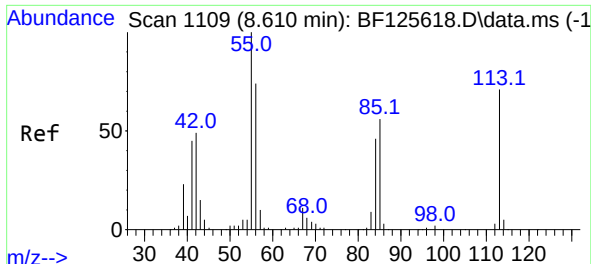
mohammad
9/29/2021 12:54:59 PM



#34
Hexachlorobutadiene
Concen: 39.233 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:	225	Resp:	485217
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.7	50.6	75.8





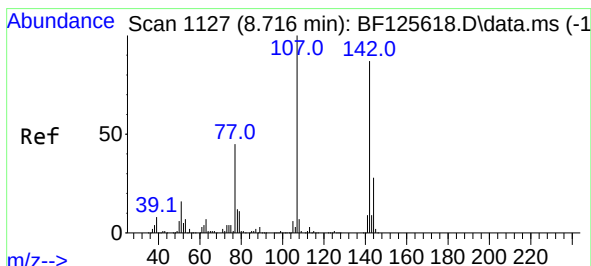
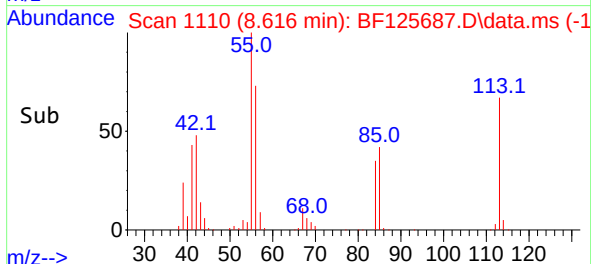
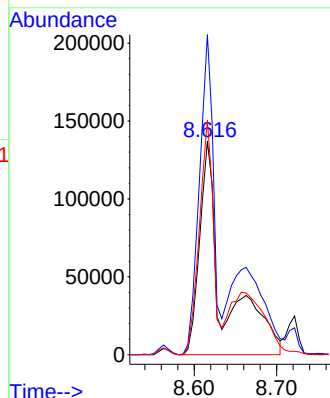
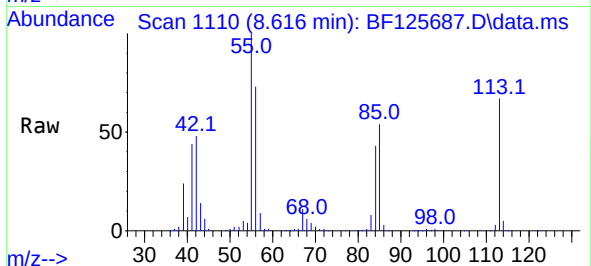
#35
Caprolactam
Concen: 40.834 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:113 Resp: 274565
Ion Ratio Lower Upper
113 100
55 150.1 154.1 194.1#
56 110.1 108.7 148.7

Instrument :
BNA_F
ClientSampleId :
PB139432BS

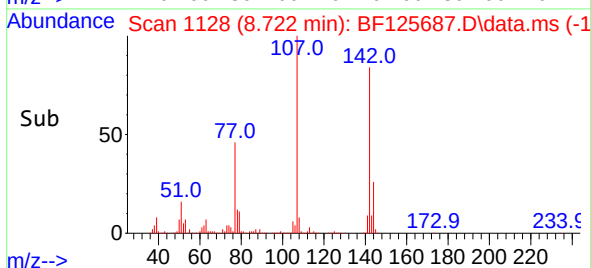
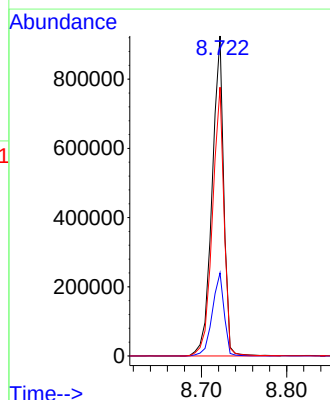
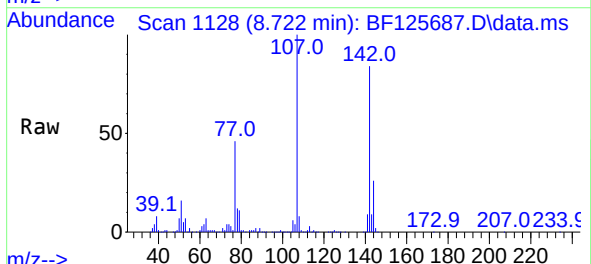
Manual Integrations
APPROVED

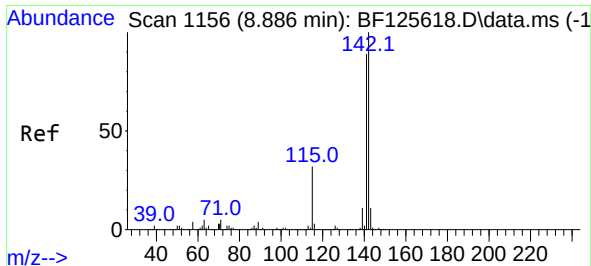
mohammad
9/29/2021 12:54:59 PM



#36
4-Chloro-3-methylphenol
Concen: 40.776 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:107 Resp: 880397
Ion Ratio Lower Upper
107 100
144 26.0 21.9 32.9
142 84.0 67.1 100.7





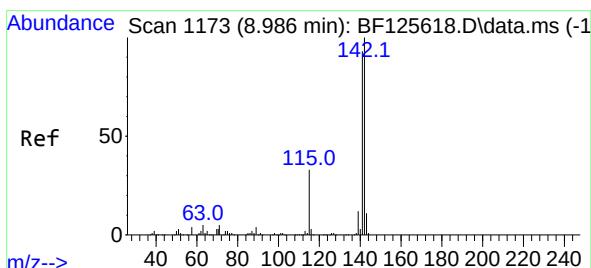
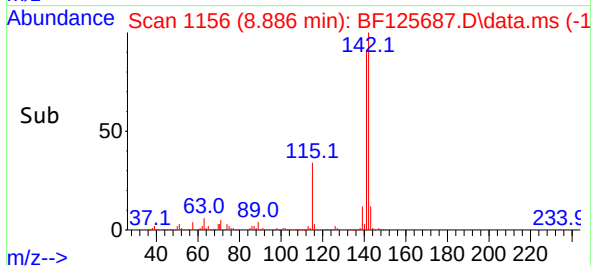
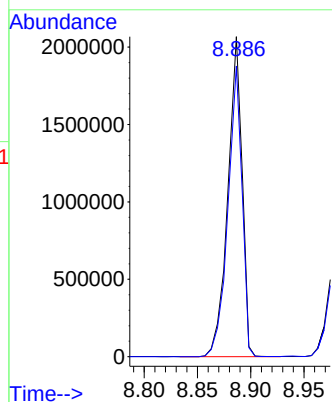
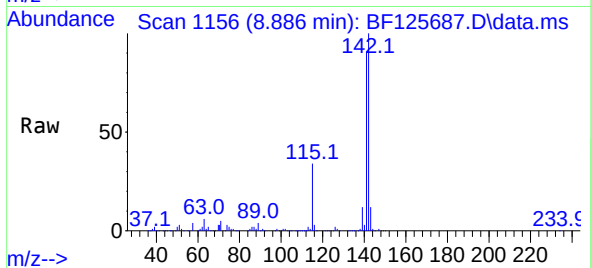
#37
2-Methylnaphthalene
Concen: 38.025 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampleId :
PB139432BS

Tgt Ion:142 Resp: 1923524
Ion Ratio Lower Upper
142 100
141 90.8 71.2 106.8

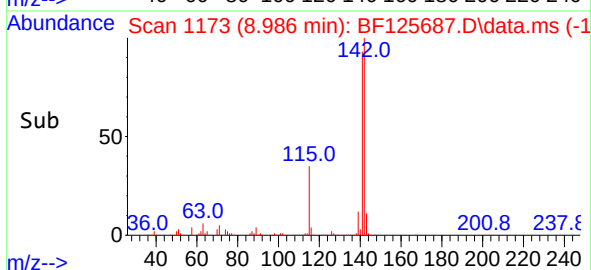
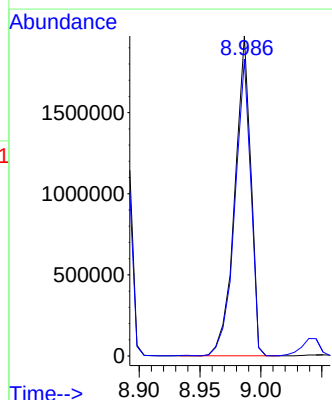
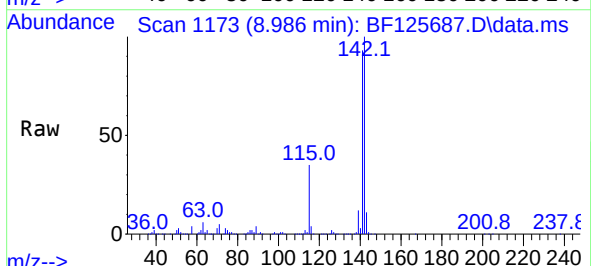
Manual Integrations
APPROVED

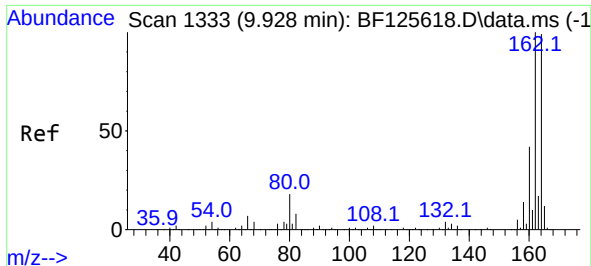
mohammad
9/29/2021 12:54:59 PM



#38
1-Methylnaphthalene
Concen: 37.772 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

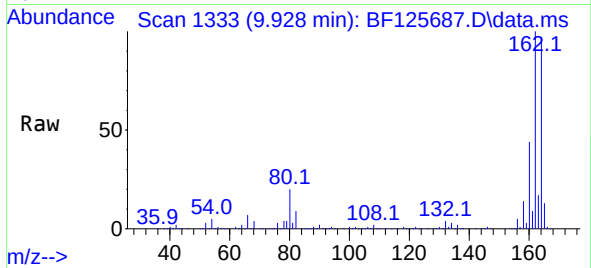
Tgt Ion:142 Resp: 1805730
Ion Ratio Lower Upper
142 100
141 92.7 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

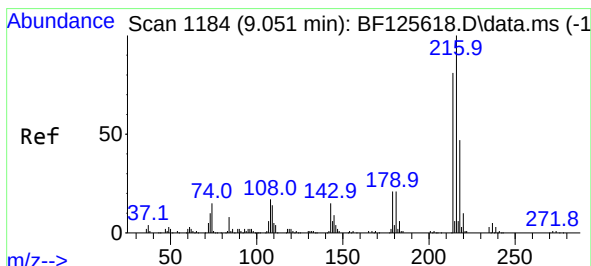
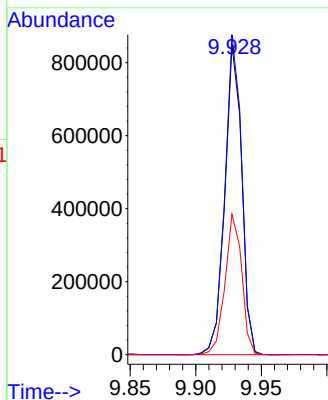
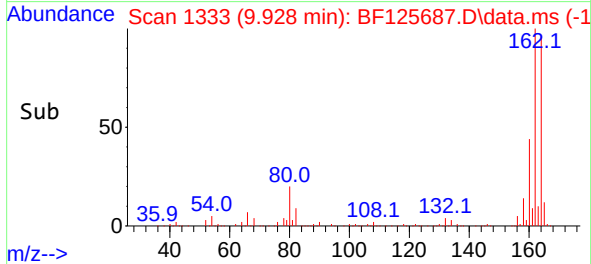
Instrument :
BNA_F
ClientSampleId :
PB139432BS



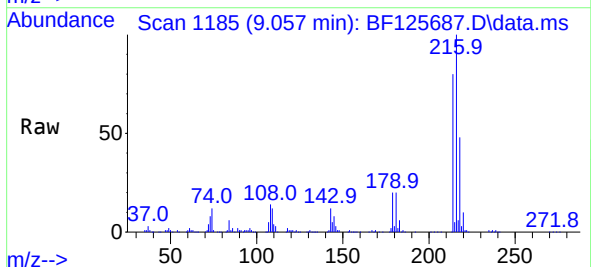
Tgt Ion:164 Resp: 759519
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 45.2 38.0 57.0

Manual Integrations
APPROVED

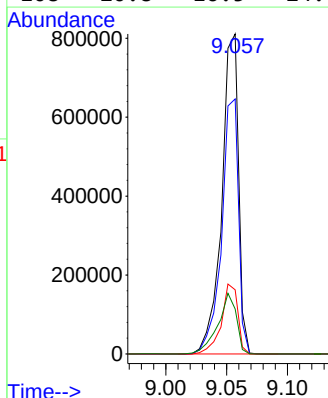
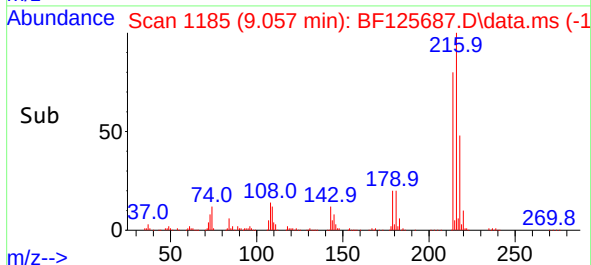
mohammad
9/29/2021 12:54:59 PM

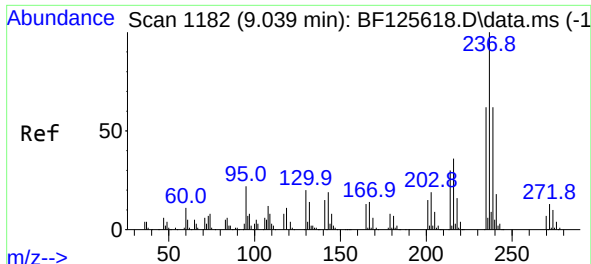


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.444 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:216 Resp: 779151
Ion Ratio Lower Upper
216 100
214 80.1 64.9 97.3
179 21.4 17.4 26.2
108 20.8 16.5 24.7





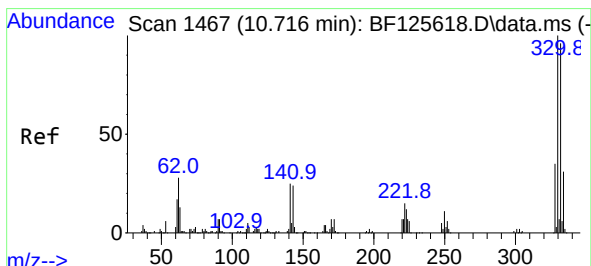
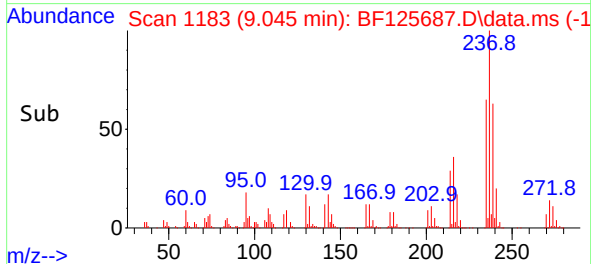
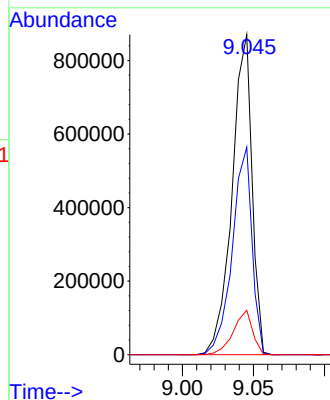
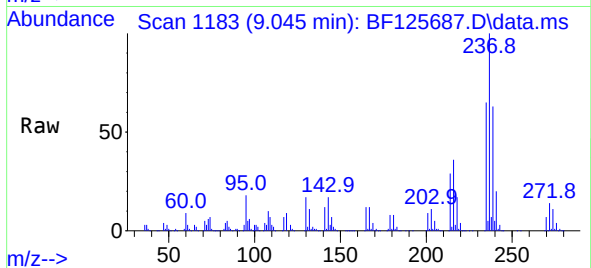
#41
Hexachlorocyclopentadiene
Concen: 102.149 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:237 Resp: 853727
Ion Ratio Lower Upper
237 100
235 64.9 44.7 84.7
272 13.9 0.0 31.6

Instrument :
BNA_F
ClientSampled :
PB139432BS

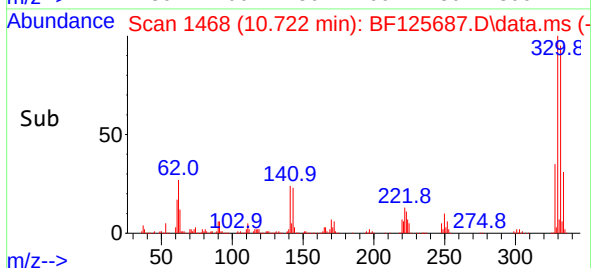
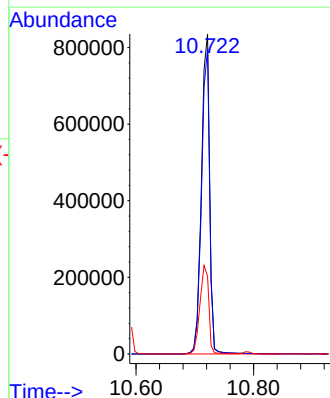
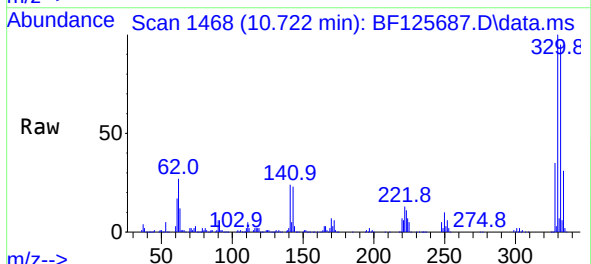
Manual Integrations
APPROVED

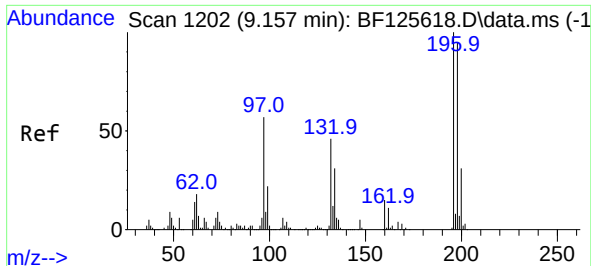
mohammad
9/29/2021 12:54:59 PM



#42
2,4,6-Tribromophenol
Concen: 114.301 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:330 Resp: 809427
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 29.8 44.6 66.8#





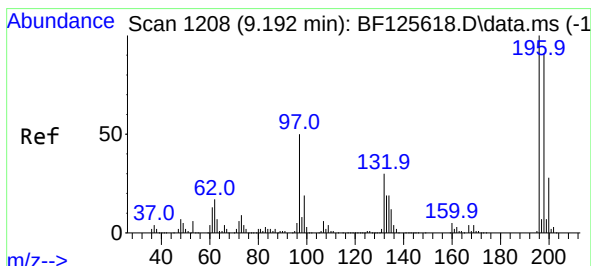
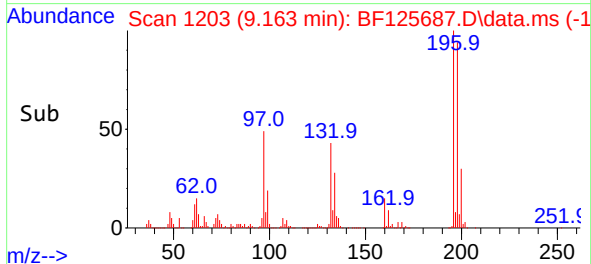
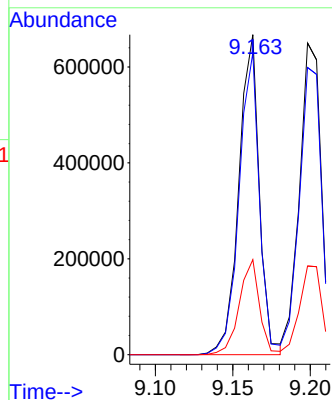
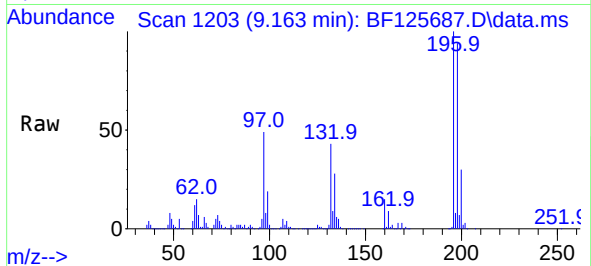
#43
2,4,6-Trichlorophenol
Concen: 44.246 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:196 Resp: 612903
Ion Ratio Lower Upper
196 100
198 94.4 74.9 112.3
200 29.7 27.0 40.4

Instrument :
BNA_F
ClientSampled :
PB139432BS

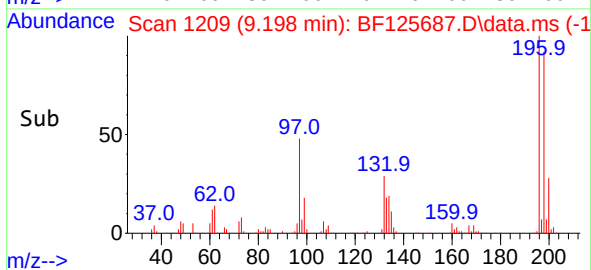
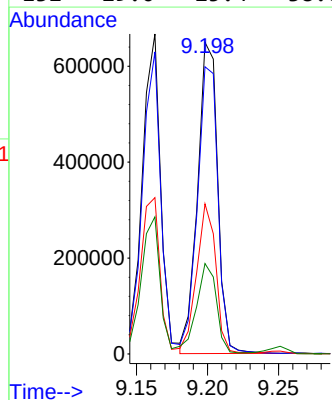
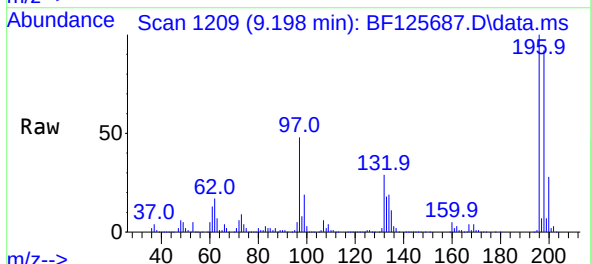
Manual Integrations
APPROVED

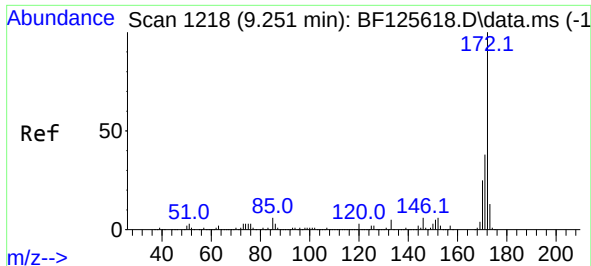
mohammad
9/29/2021 12:54:59 PM



#44
2,4,5-Trichlorophenol
Concen: 42.987 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:196 Resp: 642903
Ion Ratio Lower Upper
196 100
198 92.1 80.2 120.2
97 48.2 44.0 66.0
132 29.0 25.4 38.0





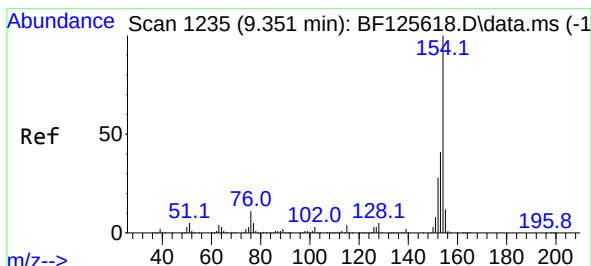
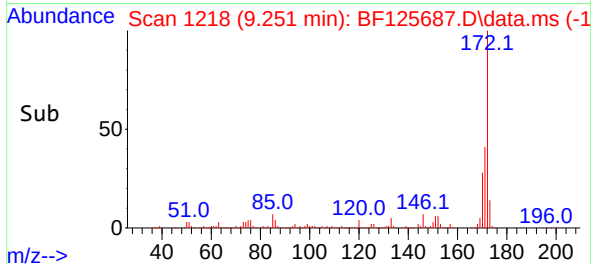
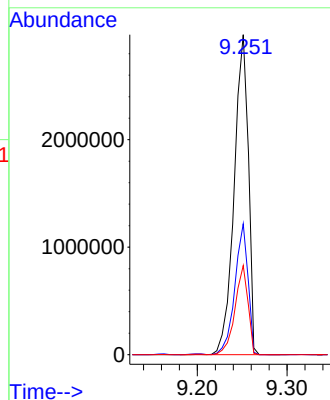
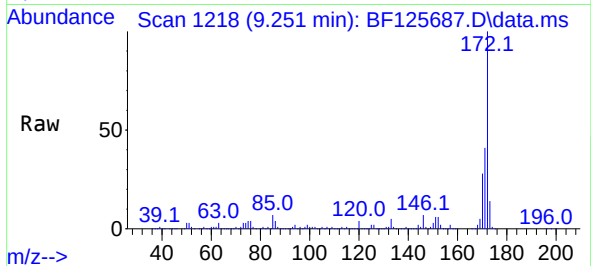
#45
2-Fluorobiphenyl
Concen: 75.783 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:172 Resp: 3264656
Ion Ratio Lower Upper
172 100
171 40.9 26.5 39.7#
170 27.8 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
PB139432BS

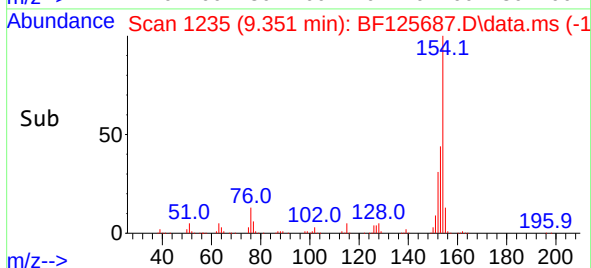
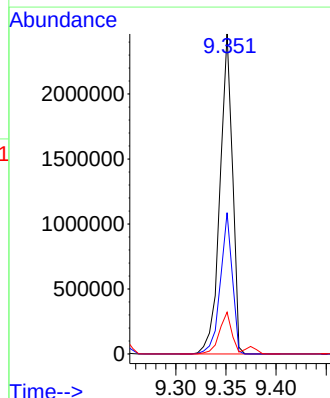
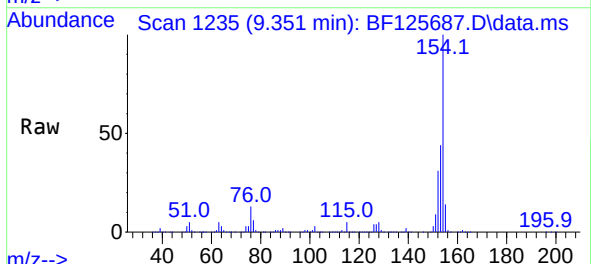
Manual Integrations
APPROVED

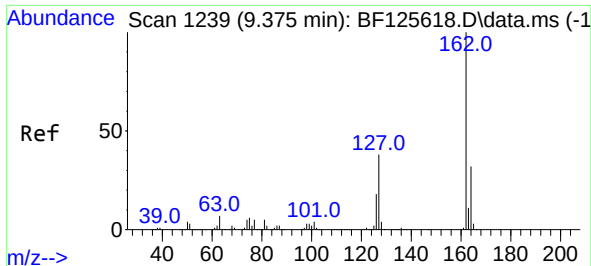
mohammad
9/29/2021 12:54:59 PM



#46
1,1'-Biphenyl
Concen: 38.086 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:154 Resp: 2132999
Ion Ratio Lower Upper
154 100
153 44.1 20.0 60.0
76 13.0 0.0 30.3





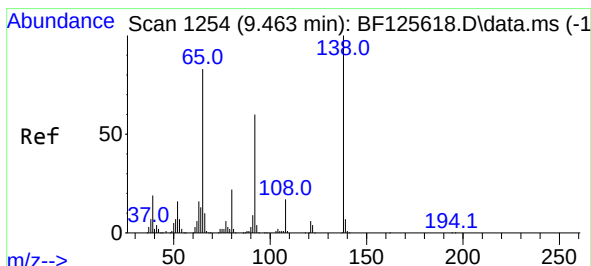
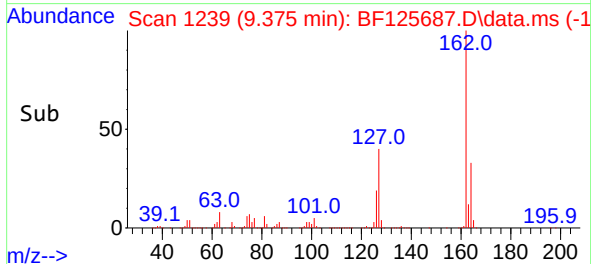
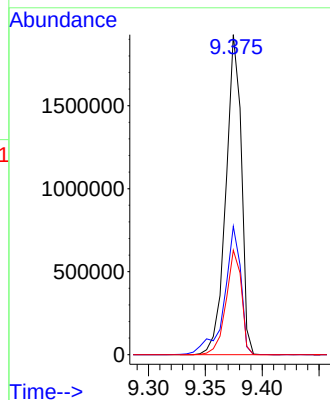
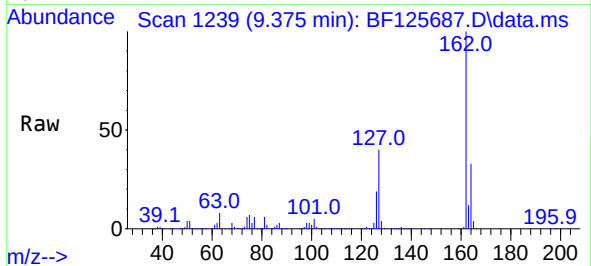
#47
2-Chloronaphthalene
Concen: 39.280 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:162 Resp: 1821360
Ion Ratio Lower Upper
162 100
127 40.1 33.0 49.4
164 32.6 25.8 38.8

Instrument :
BNA_F
ClientSampled :
PB139432BS

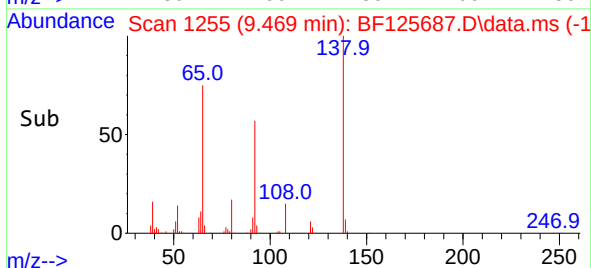
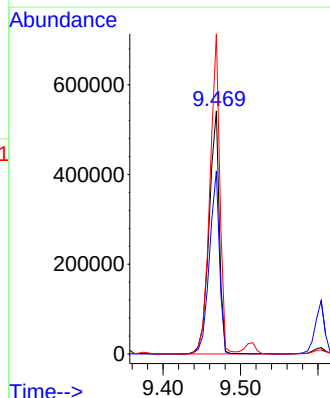
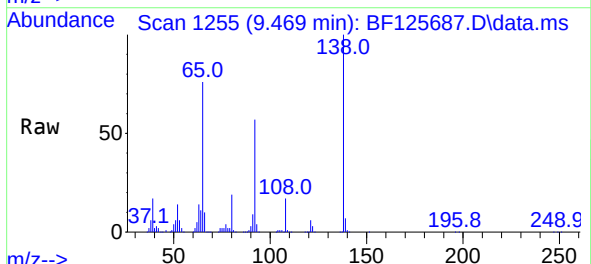
Manual Integrations
APPROVED

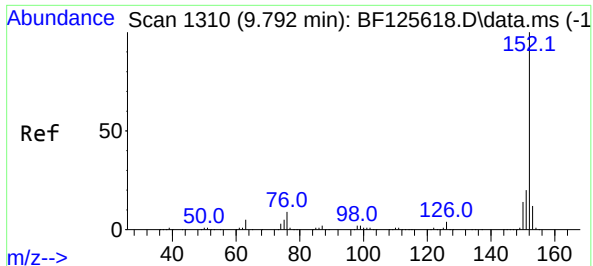
mohammad
9/29/2021 12:54:59 PM



#48
2-Nitroaniline
Concen: 45.753 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion: 65 Resp: 498053
Ion Ratio Lower Upper
65 100
92 75.3 55.5 83.3
138 131.7 93.5 140.3





#49

Acenaphthylene

Concen: 38.110 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF125687.D

Acq: 28 Sep 2021 13:58

Tgt Ion:152 Resp: 2660171

Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.7	23.5
153	14.2	9.8	14.8

Instrument :

BNA_F

ClientSampled :

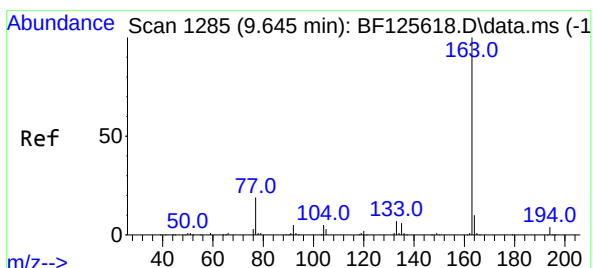
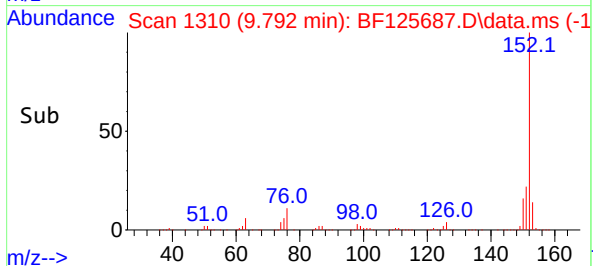
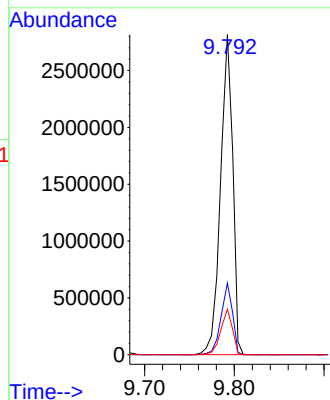
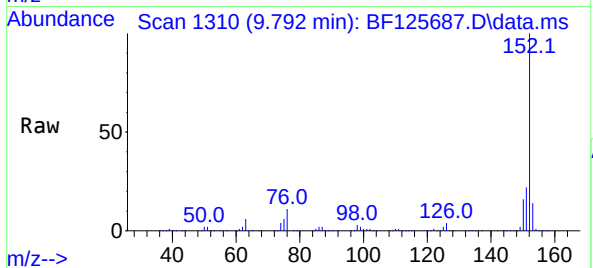
PB139432BS

Manual Integrations

APPROVED

mohammad

9/29/2021 12:54:59 PM



#50

Dimethylphthalate

Concen: 39.404 ng

RT: 9.651 min Scan# 1286

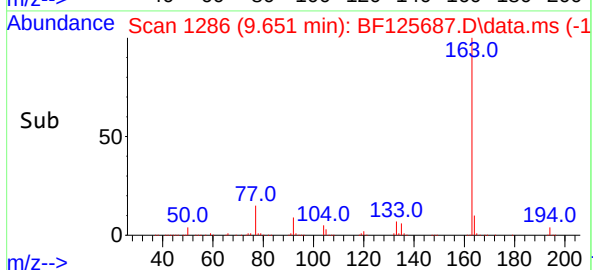
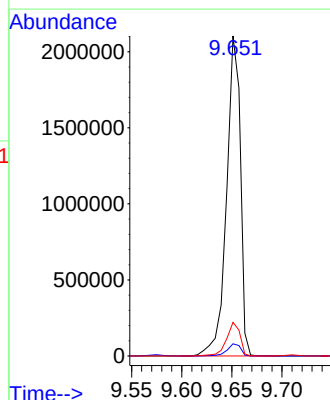
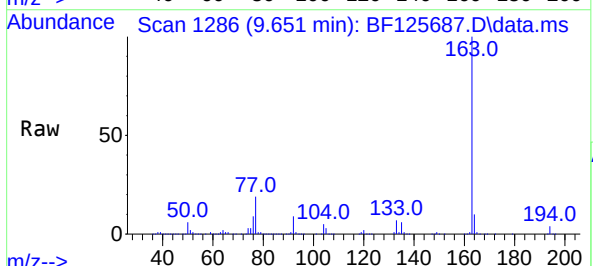
Delta R.T. 0.006 min

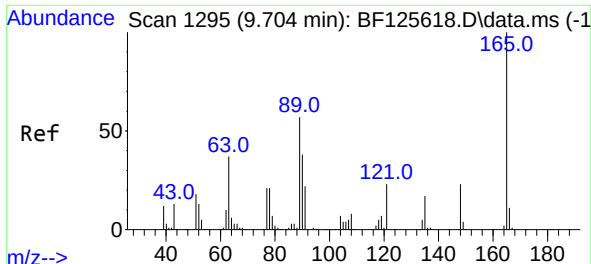
Lab File: BF125687.D

Acq: 28 Sep 2021 13:58

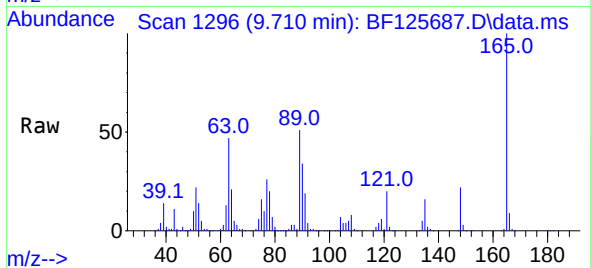
Tgt Ion:163 Resp: 2016152

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	10.5	7.4	11.0

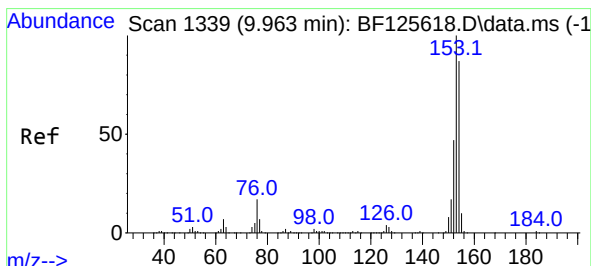
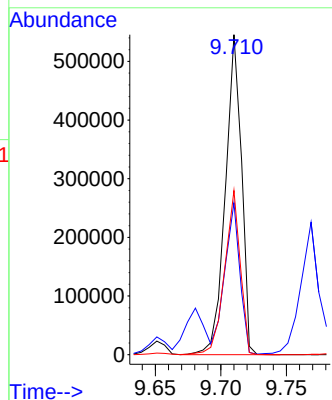
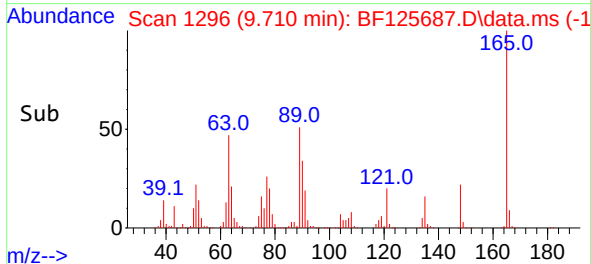




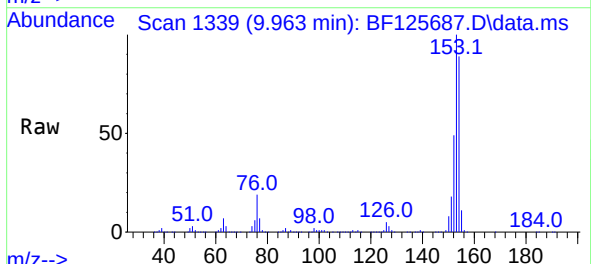
#51
2,6-Dinitrotoluene
Concen: 44.990 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



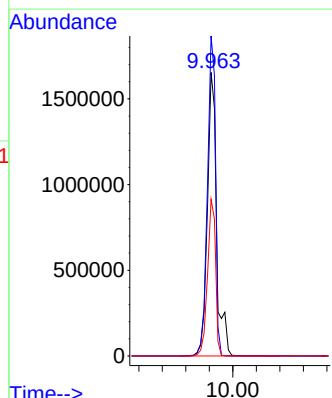
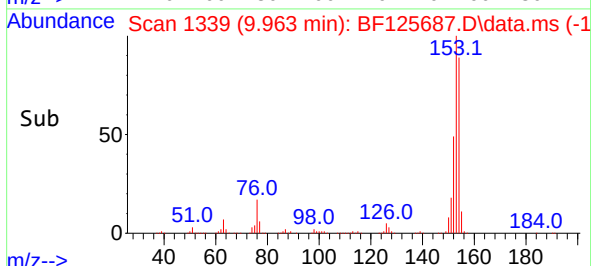
Tgt Ion:165 Resp: 466058
Ion Ratio Lower Upper
165 100
63 47.5 42.6 63.8
89 51.3 40.6 60.8



#52
Acenaphthene
Concen: 41.183 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



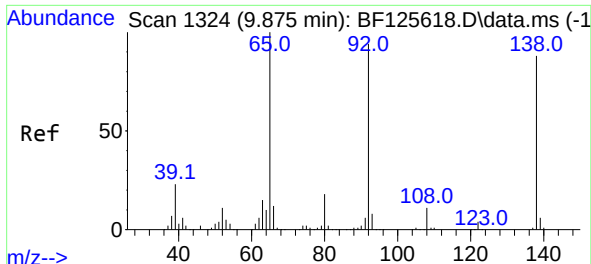
Tgt Ion:154 Resp: 1802362
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.2
152 55.2 40.5 60.7



Instrument :
BNA_F
ClientSampled :
PB139432BS

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



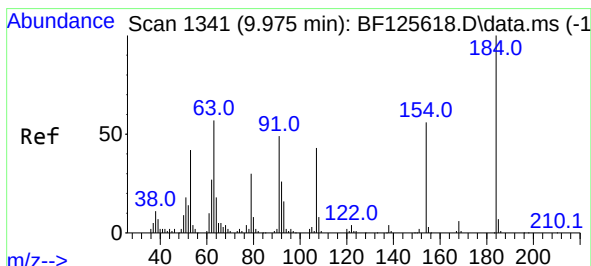
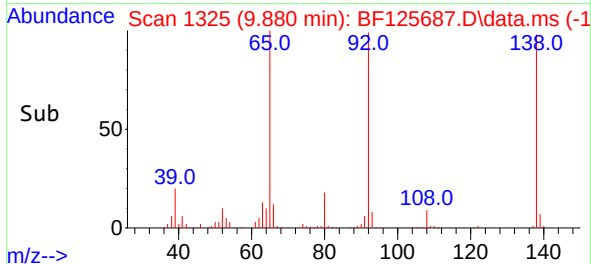
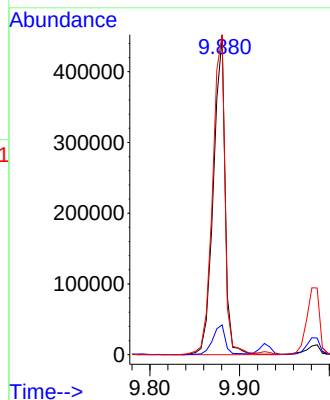
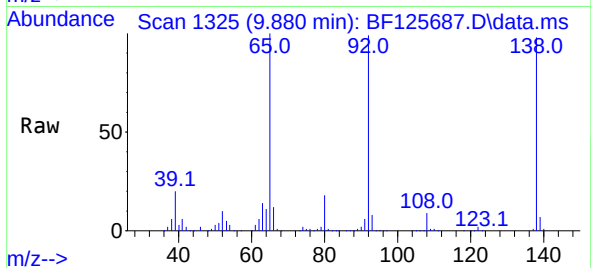
#53
3-Nitroaniline
Concen: 35.303 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:138 Resp: 409403
Ion Ratio Lower Upper
138 100
108 9.4 9.3 13.9
92 100.9 76.5 114.7

Instrument :
BNA_F
ClientSampleId :
PB139432BS

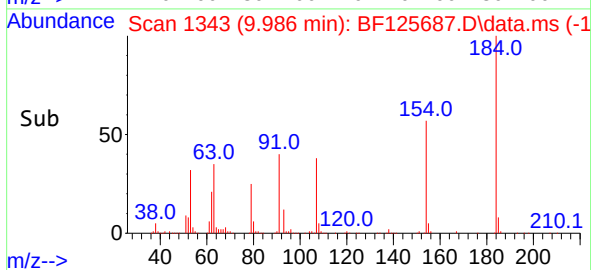
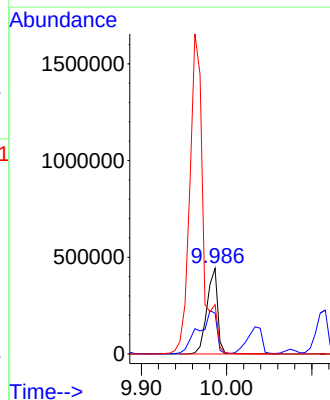
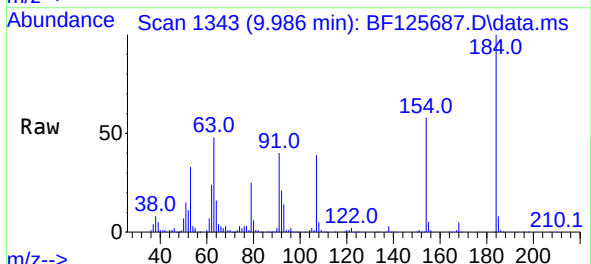
Manual Integrations
APPROVED

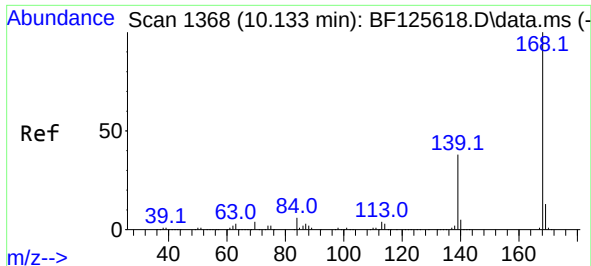
mohammad
9/29/2021 12:54:59 PM



#54
2,4-Dinitrophenol
Concen: 79.737 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.011 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

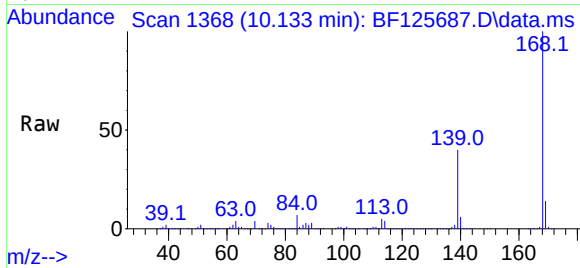
Tgt Ion:184 Resp: 387392
Ion Ratio Lower Upper
184 100
63 47.7 59.3 88.9#
154 57.5 68.6 102.8#





#55
Dibenzofuran
Concen: 36.815 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

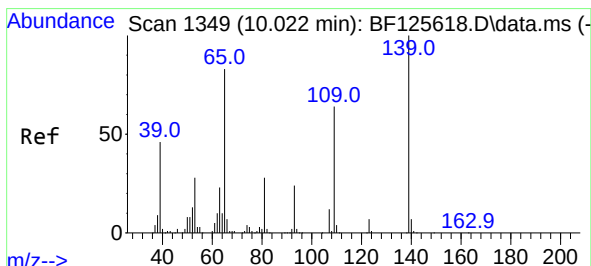
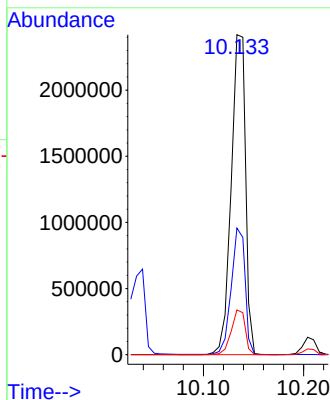
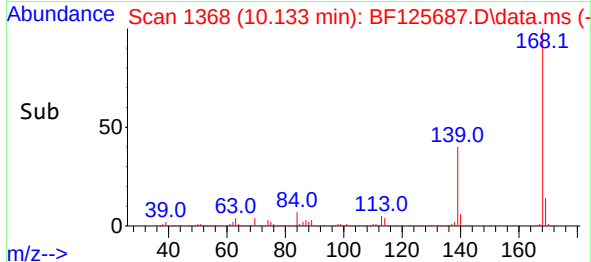
Instrument :
BNA_F
ClientSampled :
PB139432BS



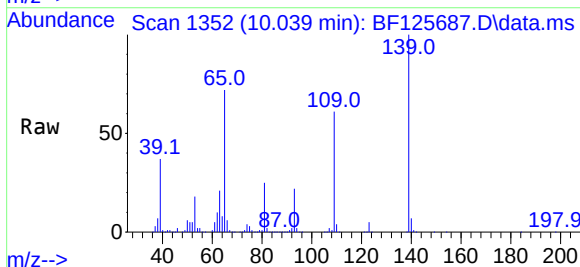
Tgt Ion:168 Resp: 2417239
Ion Ratio Lower Upper
168 100
139 39.5 32.7 49.1
169 14.0 11.2 16.8

Manual Integrations
APPROVED

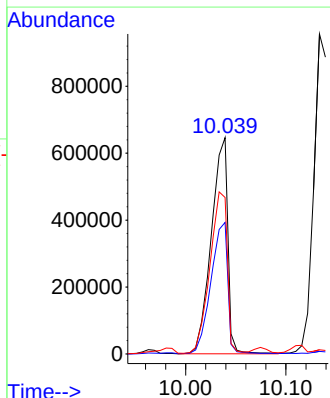
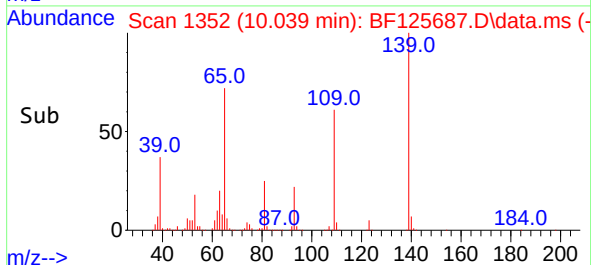
mohammad
9/29/2021 12:54:59 PM

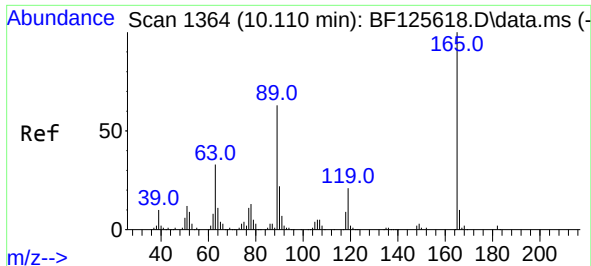


#56
4-Nitrophenol
Concen: 78.445 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.017 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

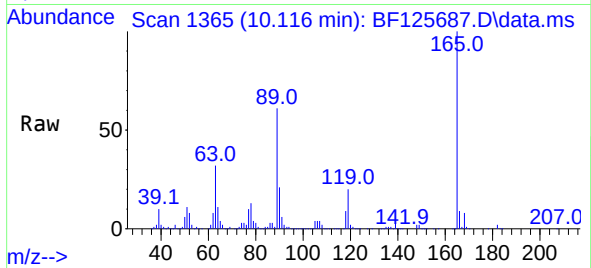


Tgt Ion:139 Resp: 739367
Ion Ratio Lower Upper
139 100
109 60.8 60.4 100.4
65 72.3 58.4 98.4

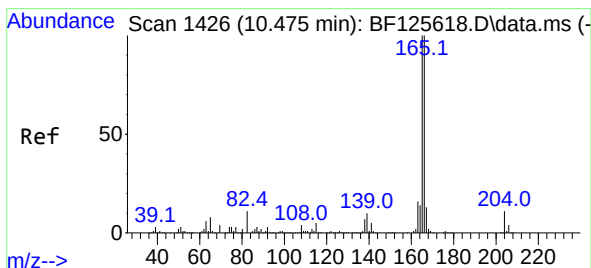
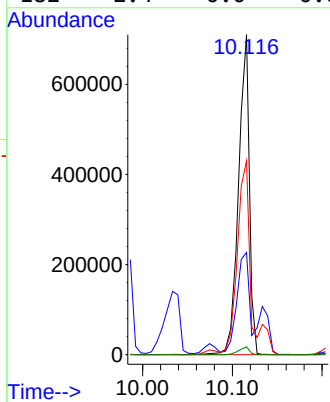
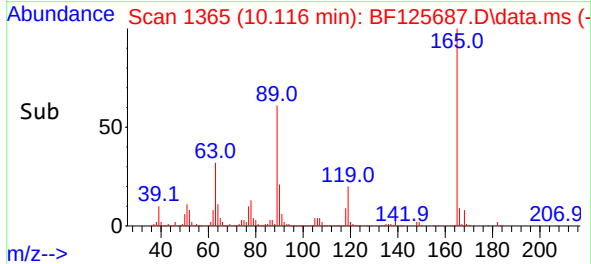




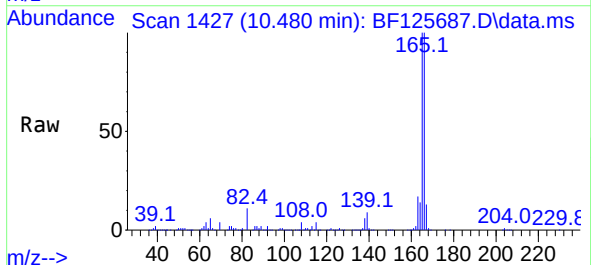
#57
2,4-Dinitrotoluene
Concen: 46.123 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



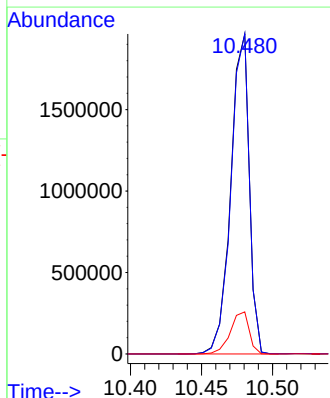
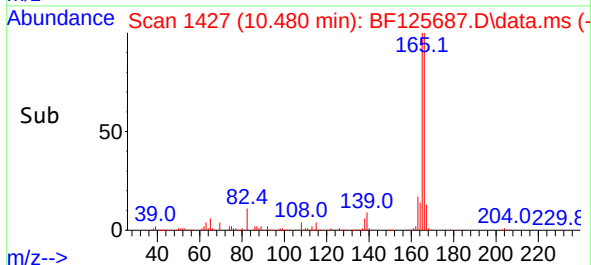
Tgt Ion:165 Resp: 596922
Ion Ratio Lower Upper
165 100
63 32.0 40.9 61.3#
89 60.5 59.7 89.5
182 2.4 0.0 0.0#



#58
Fluorene
Concen: 34.896 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



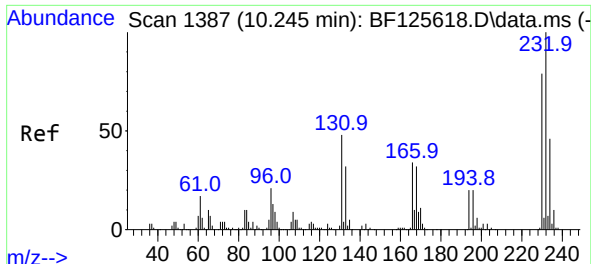
Tgt Ion:166 Resp: 1783432
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 13.1 11.1 16.7



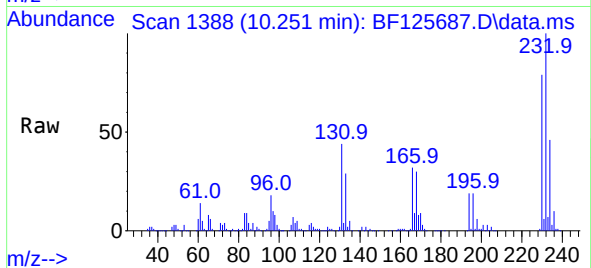
Instrument :
BNA_F
ClientSampled :
PB139432BS

Manual Integrations
APPROVED

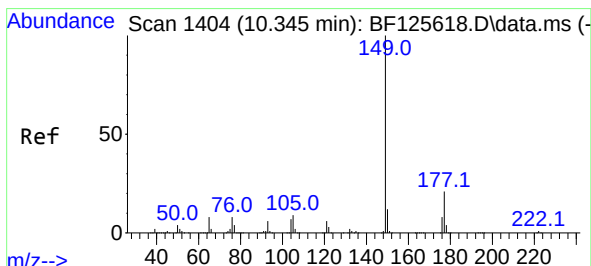
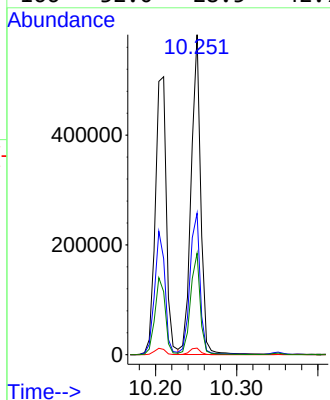
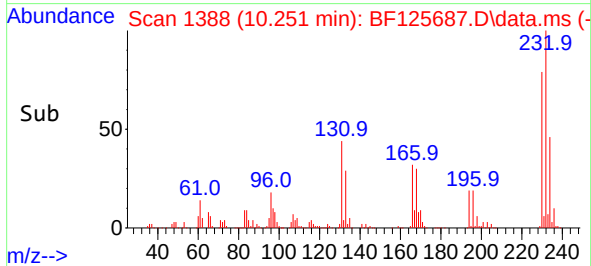
mohammad
9/29/2021 12:54:59 PM



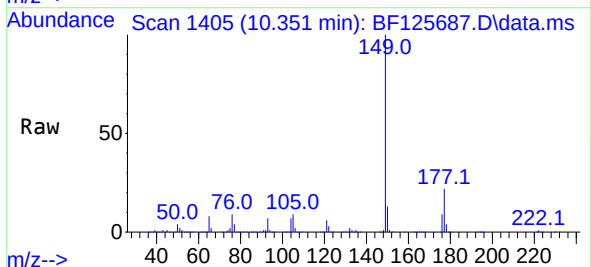
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.484 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



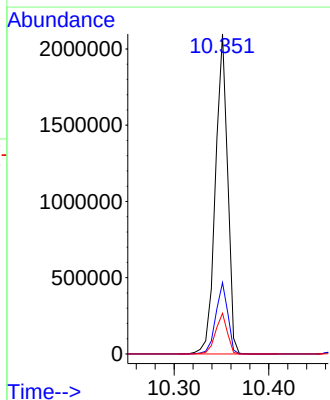
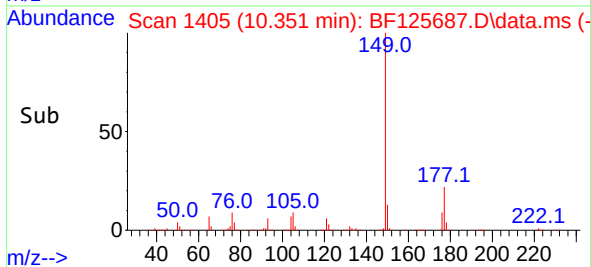
Tgt Ion:232 Resp: 477485
Ion Ratio Lower Upper
232 100
131 46.9 45.4 68.0
130 2.3 0.0 0.0#
166 32.0 28.5 42.7



#60
Diethylphthalate
Concen: 38.076 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



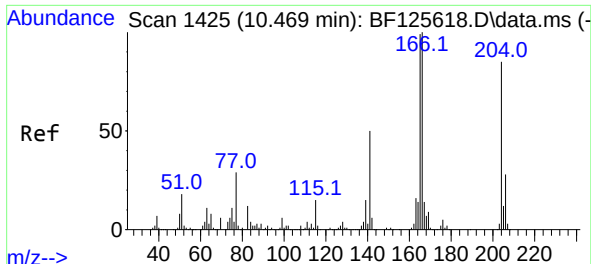
Tgt Ion:149 Resp: 1878239
Ion Ratio Lower Upper
149 100
177 22.3 16.5 24.7
150 12.7 10.1 15.1



Instrument :
BNA_F
ClientSampleId :
PB139432BS

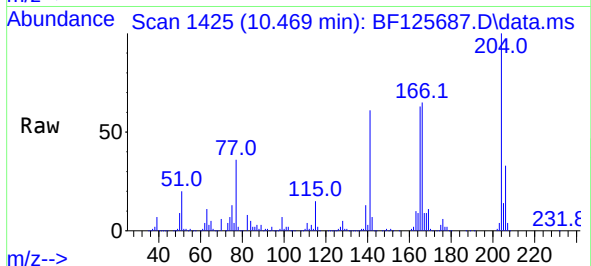
Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



#61
4-Chlorophenyl-phenylether
Concen: 36.192 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

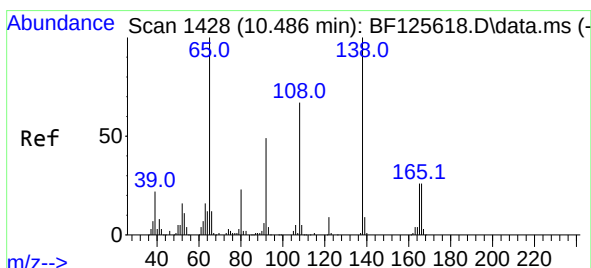
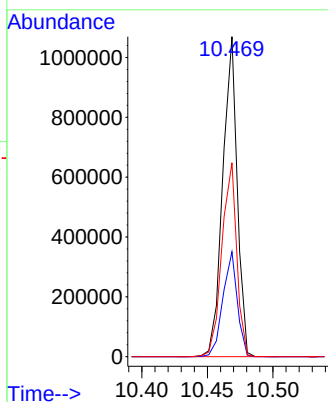
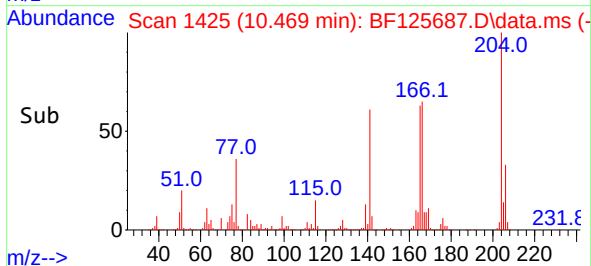
Instrument :
BNA_F
ClientSampled :
PB139432BS



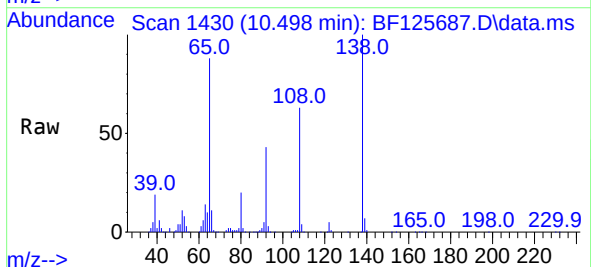
Tgt Ion:204 Resp: 822167
Ion Ratio Lower Upper
204 100
206 32.8 27.6 41.4
141 60.6 58.6 88.0

Manual Integrations
APPROVED

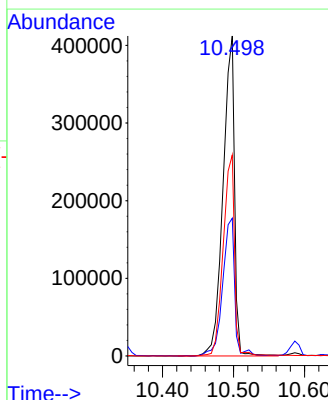
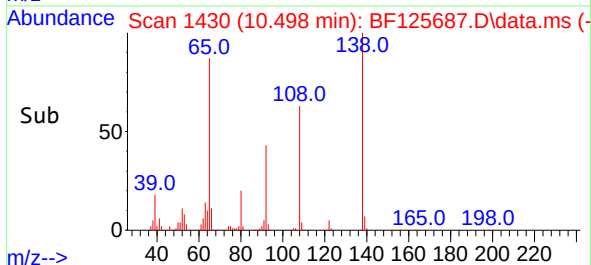
mohammad
9/29/2021 12:54:59 PM

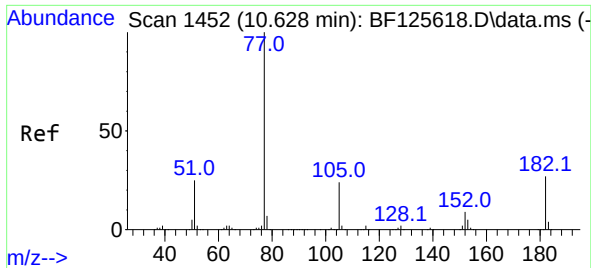


#62
4-Nitroaniline
Concen: 39.779 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



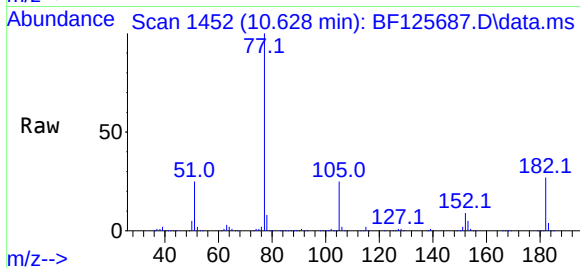
Tgt Ion:138 Resp: 459786
Ion Ratio Lower Upper
138 100
92 43.0 29.6 69.6
108 62.8 78.1 118.1#





#63
Azobenzene
Concen: 37.376 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampleId :
PB139432BS

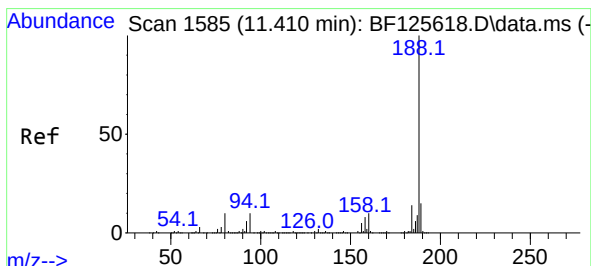
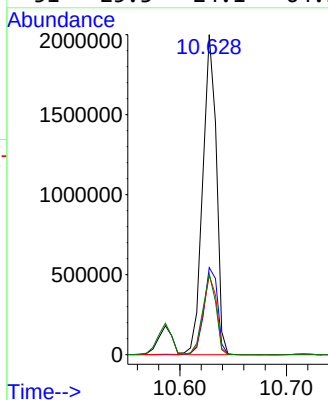
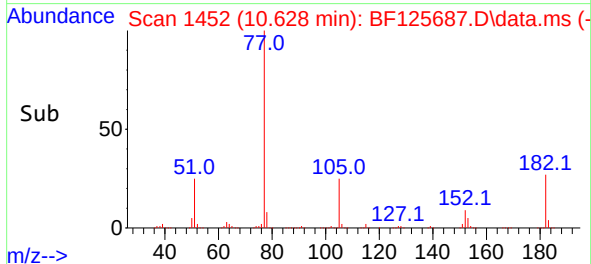


Tgt Ion: 77 Resp: 1780194

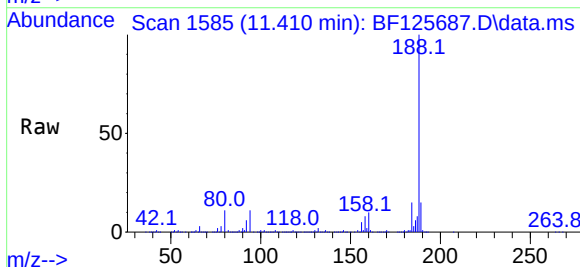
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.3	46.3
105	24.8	2.9	42.9
51	25.3	24.1	64.1

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM

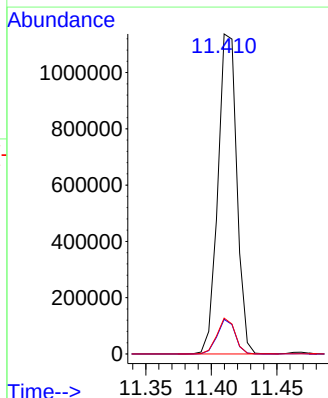
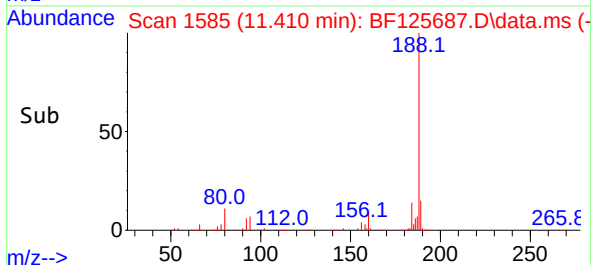


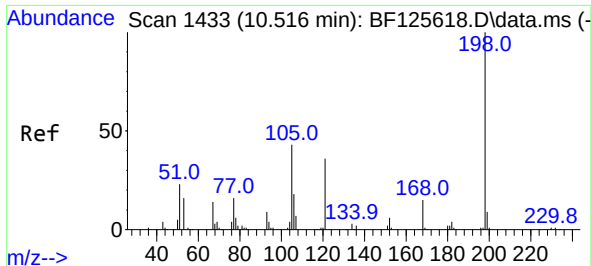
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion: 188 Resp: 1138905

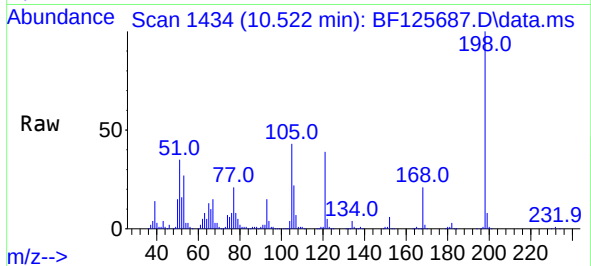
Ion	Ratio	Lower	Upper
188	100		
94	10.8	6.7	10.1#
80	11.2	7.5	11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.322 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

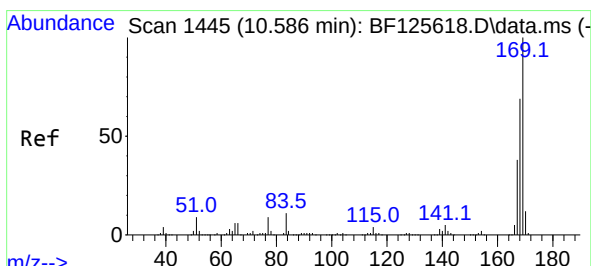
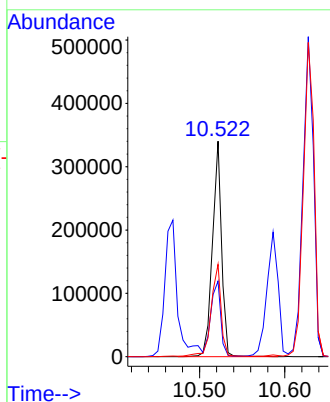
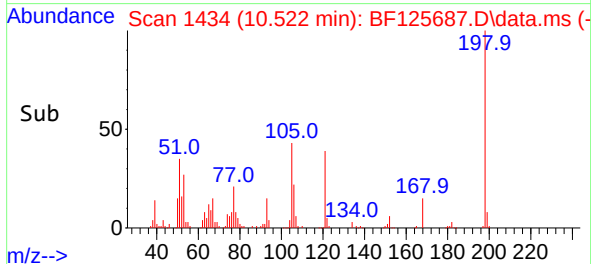
Instrument :
BNA_F
ClientSampled :
PB139432BS



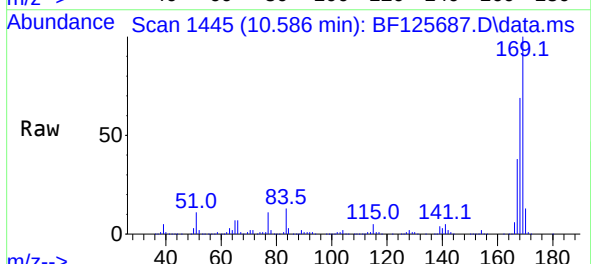
Tgt Ion:198 Resp: 254630
Ion Ratio Lower Upper
198 100
51 35.0 45.3 85.3#
105 42.8 30.6 70.6

Manual Integrations
APPROVED

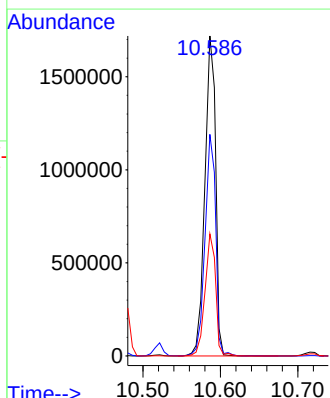
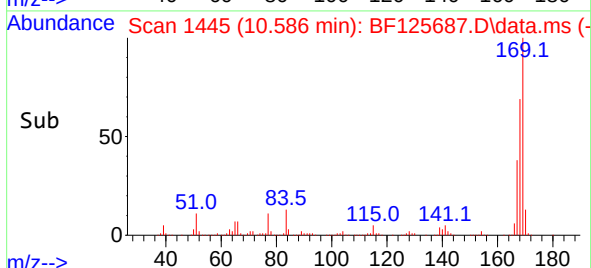
mohammad
9/29/2021 12:54:59 PM

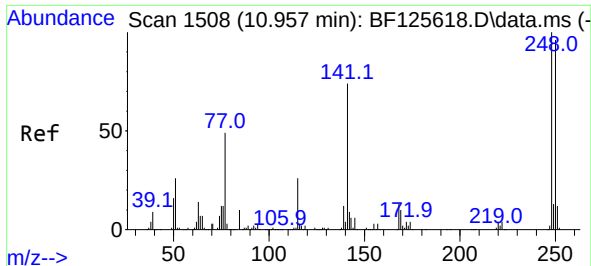


#66
n-Nitrosodiphenylamine
Concen: 42.241 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:169 Resp: 1651500
Ion Ratio Lower Upper
169 100
168 69.2 50.8 76.2
167 38.2 28.8 43.2





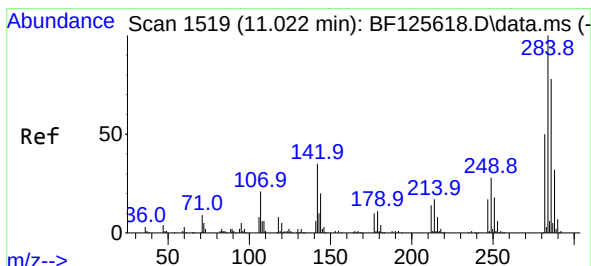
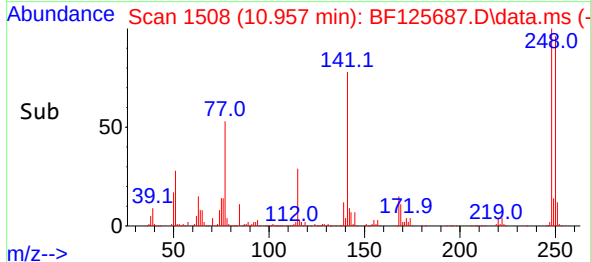
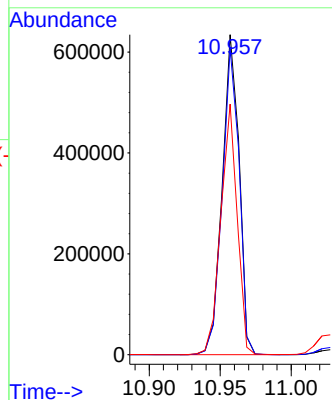
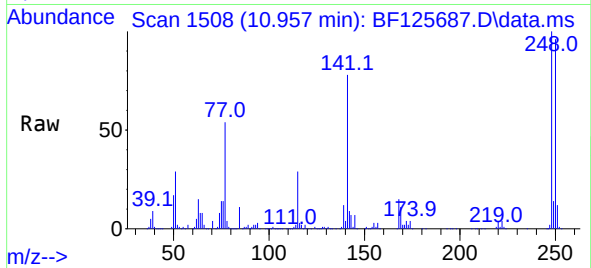
#67
4-Bromophenyl-phenylether
Concen: 43.877 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampled :
PB139432BS

Tgt Ion:248 Resp: 524441
Ion Ratio Lower Upper
248 100
250 95.7 74.2 111.4
141 78.3 60.4 90.6

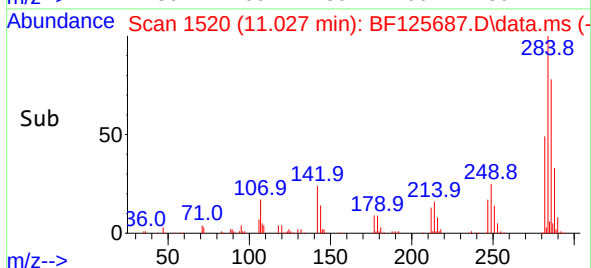
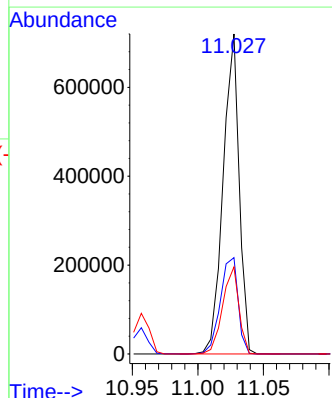
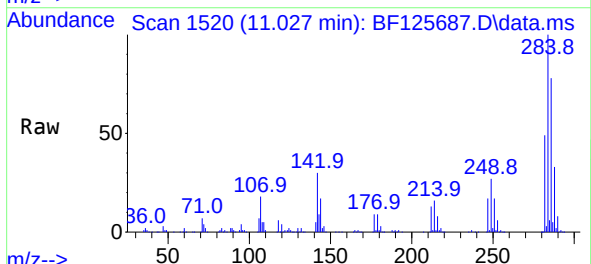
Manual Integrations
APPROVED

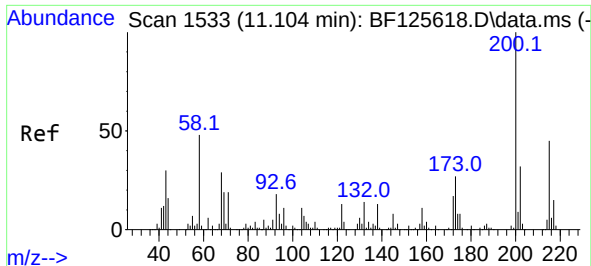
mohammad
9/29/2021 12:54:59 PM



#68
Hexachlorobenzene
Concen: 43.587 ng
RT: 11.027 min Scan# 1520
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:284 Resp: 611435
Ion Ratio Lower Upper
284 100
142 30.1 36.4 54.6#
249 27.2 25.6 38.4





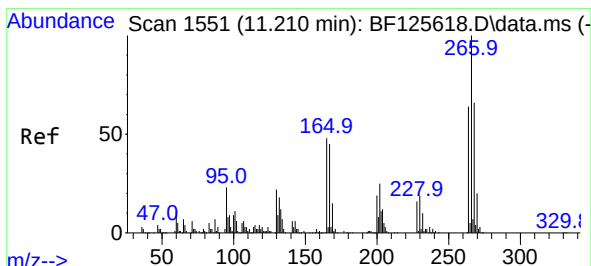
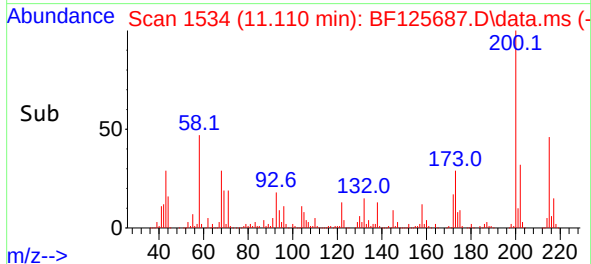
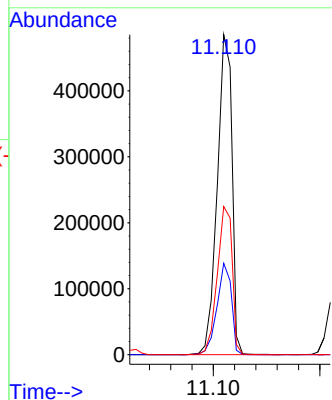
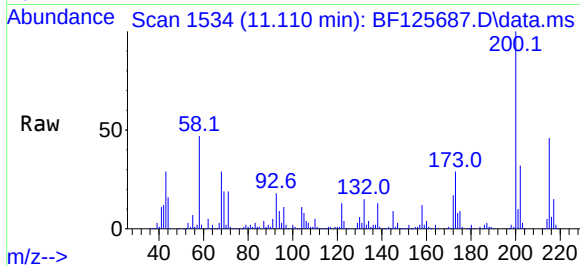
#69
Atrazine
Concen: 44.713 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:200 Resp: 463528
Ion Ratio Lower Upper
200 100
173 28.5 11.1 51.1
215 46.3 22.7 62.7

Instrument :
BNA_F
ClientSampled :
PB139432BS

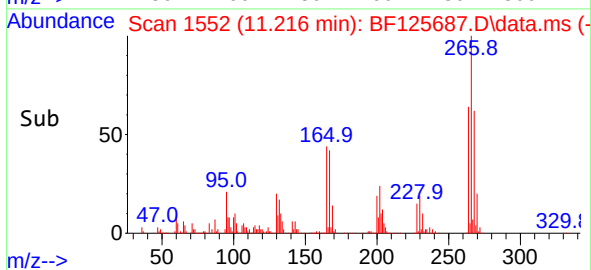
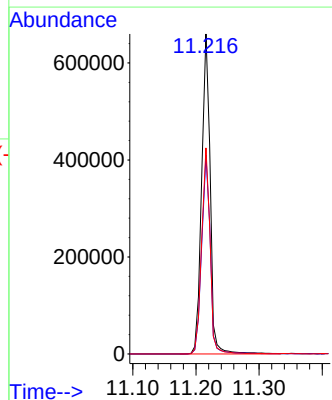
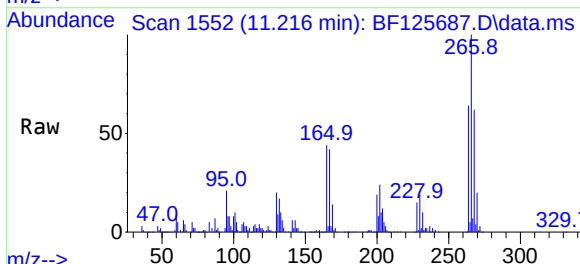
Manual Integrations
APPROVED

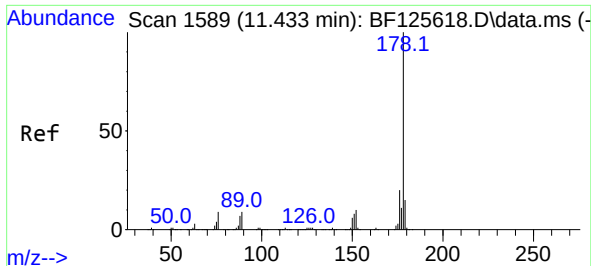
mohammad
9/29/2021 12:54:59 PM



#70
Pentachlorophenol
Concen: 83.572 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:266 Resp: 619607
Ion Ratio Lower Upper
266 100
268 62.2 48.9 73.3
264 64.4 55.9 83.9





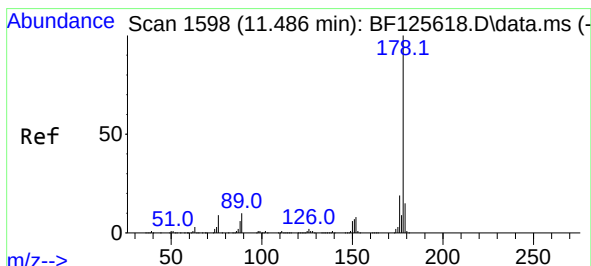
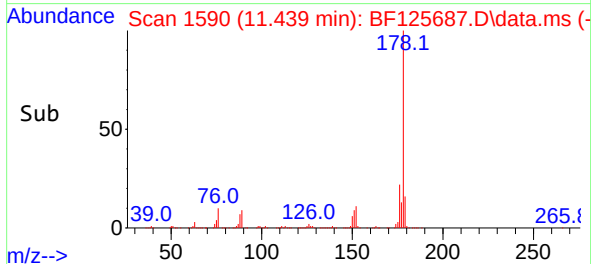
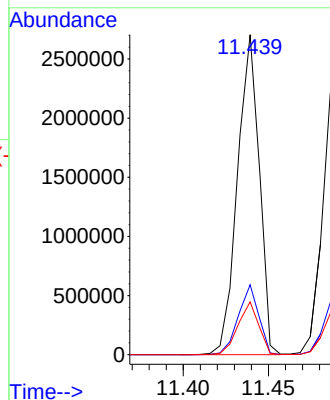
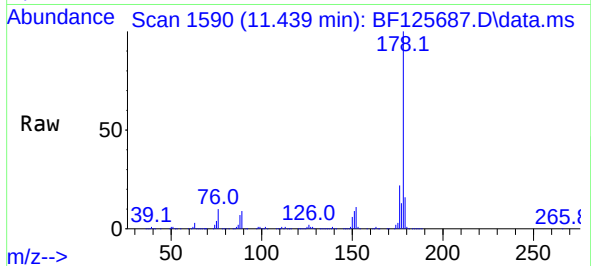
#71
Phenanthrene
Concen: 37.676 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:178 Resp: 2406227
Ion Ratio Lower Upper
178 100
176 21.9 14.7 22.1
179 16.5 11.5 17.3

Instrument :
BNA_F
ClientSampleId :
PB139432BS

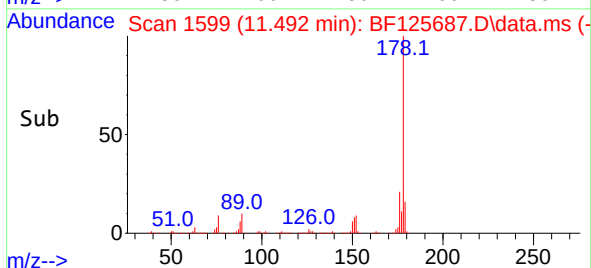
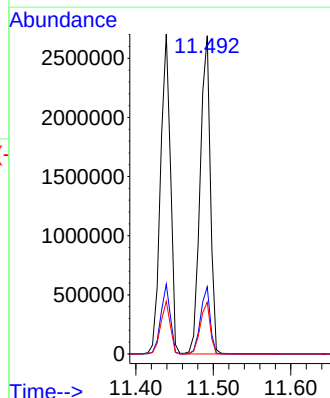
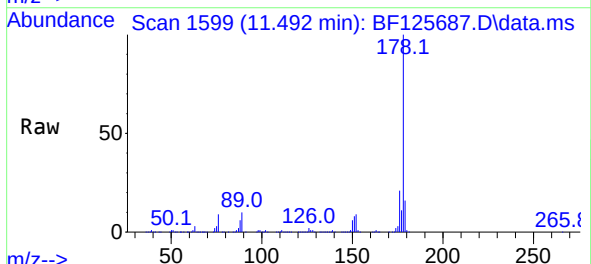
Manual Integrations
APPROVED

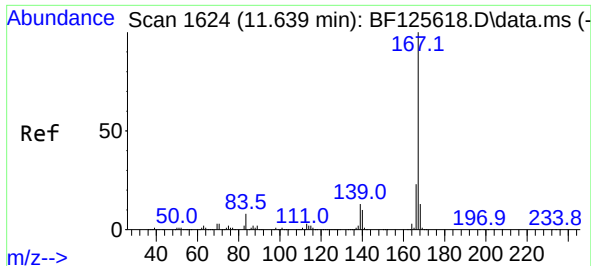
mohammad
9/29/2021 12:54:59 PM



#72
Anthracene
Concen: 38.886 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

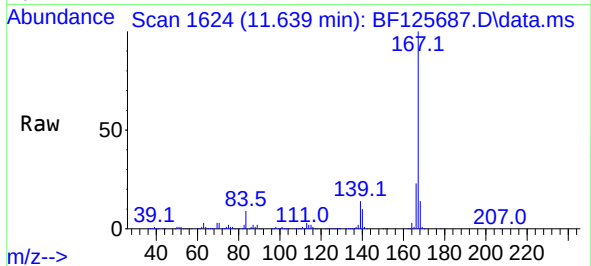
Tgt Ion:178 Resp: 2454044
Ion Ratio Lower Upper
178 100
176 21.1 14.3 21.5
179 16.3 12.2 18.4





#73
 Carbazole
 Concen: 35.620 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF125687.D
 Acq: 28 Sep 2021 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB139432BS

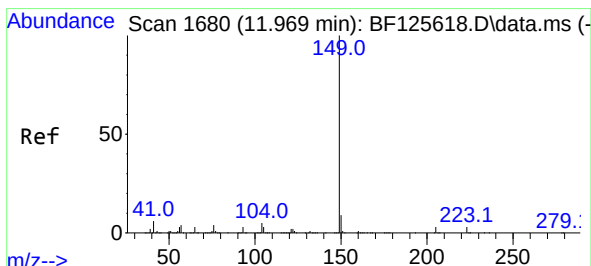
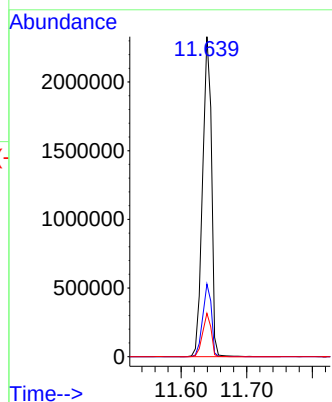


Tgt Ion:167 Resp: 2212292

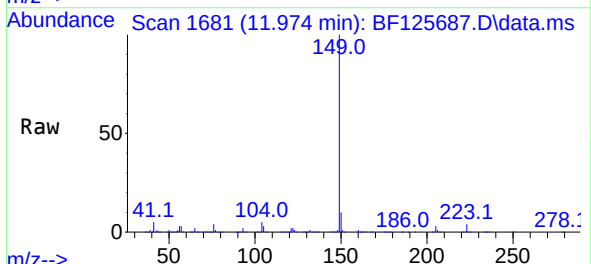
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.4	26.0
139	13.6	11.0	16.4

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:54:59 PM

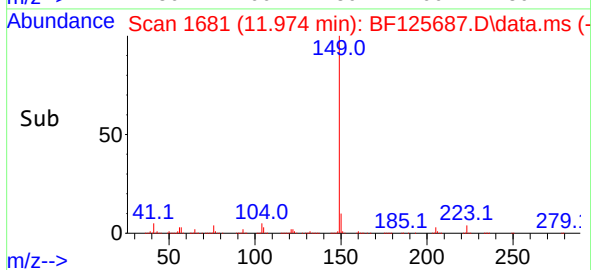
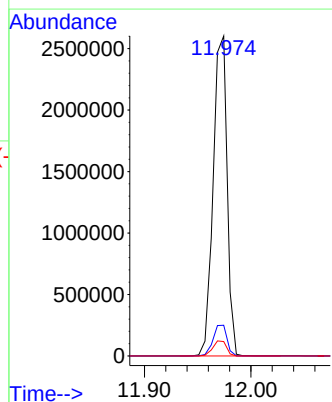


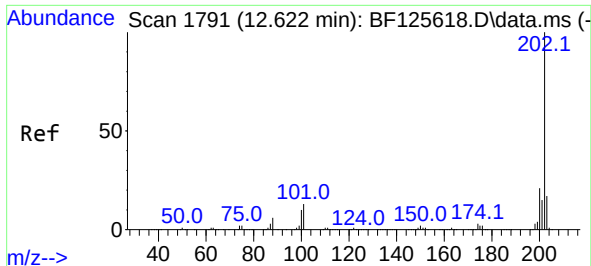
#74
 Di-n-butylphthalate
 Concen: 37.799 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.005 min
 Lab File: BF125687.D
 Acq: 28 Sep 2021 13:58



Tgt Ion:149 Resp: 2366771

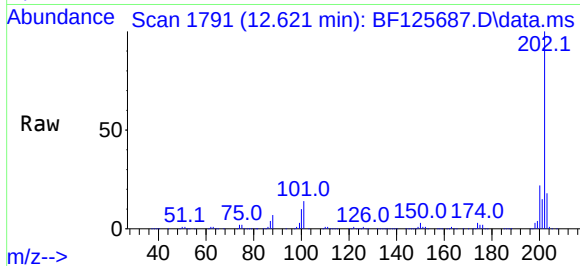
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.5	4.1	6.1





#75
Fluoranthene
Concen: 31.208 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

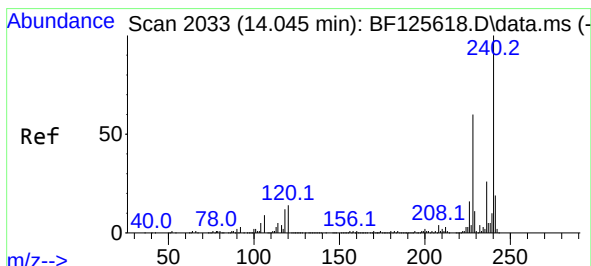
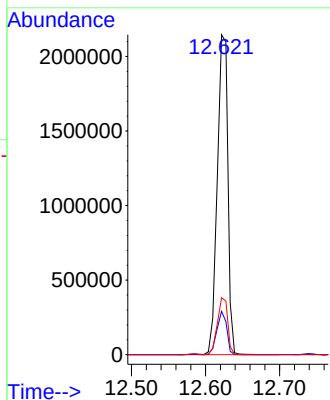
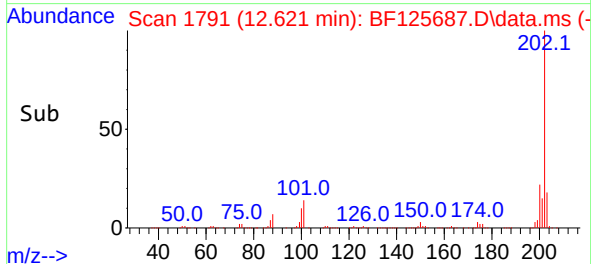
Instrument :
BNA_F
ClientSampled :
PB139432BS



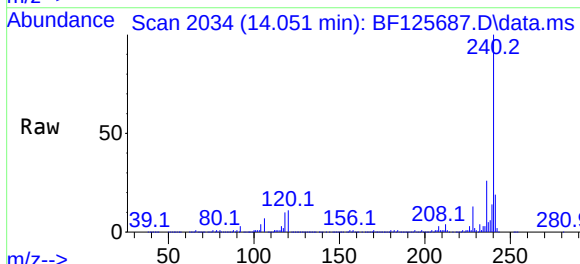
Tgt Ion:202 Resp: 2130148
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.7
203 17.8 0.0 36.3

Manual Integrations
APPROVED

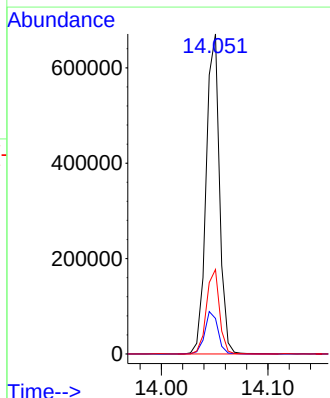
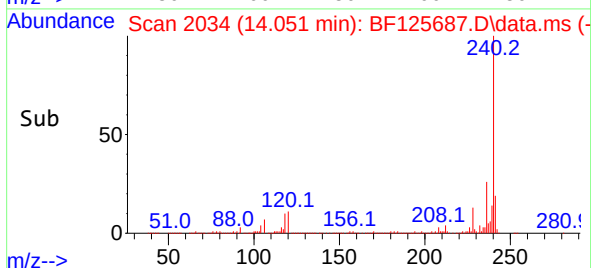
mohammad
9/29/2021 12:54:59 PM

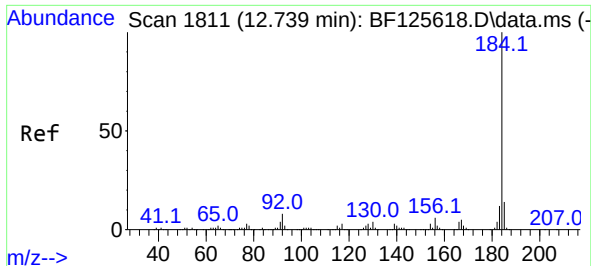


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



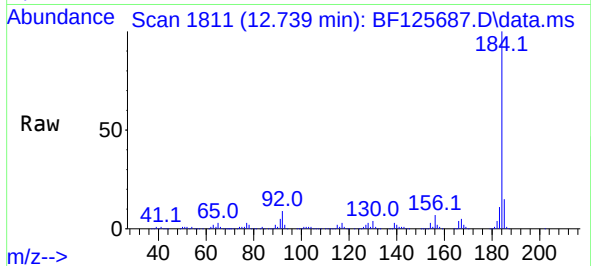
Tgt Ion:240 Resp: 585698
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.4 21.6 32.4





#77
Benzidine
Concen: 62.346 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

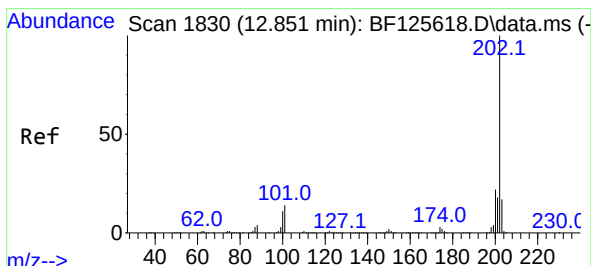
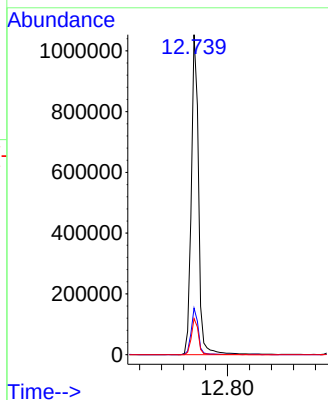
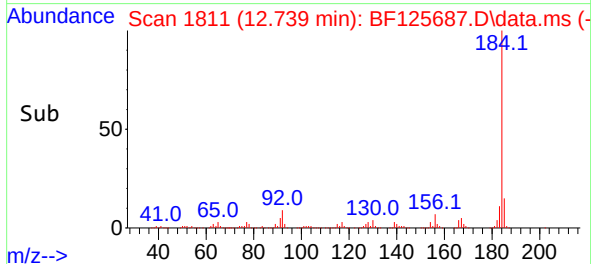
Instrument :
BNA_F
ClientSampleId :
PB139432BS



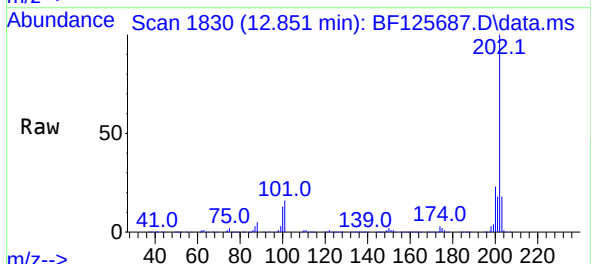
Tgt Ion:184 Resp: 959277
Ion Ratio Lower Upper
184 100
185 14.6 10.8 16.2
183 11.3 8.1 12.1

Manual Integrations
APPROVED

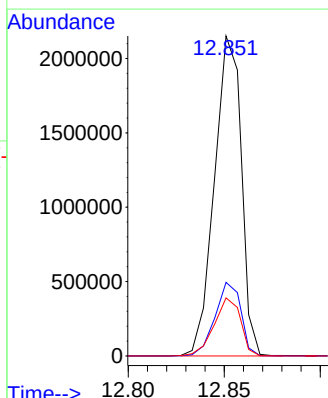
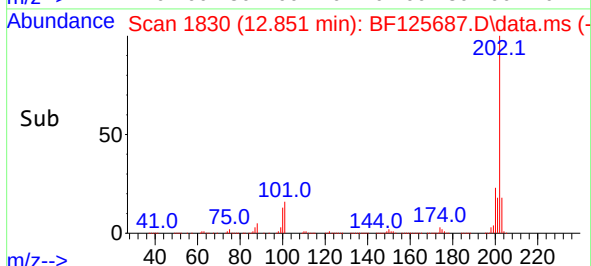
mohammad
9/29/2021 12:54:59 PM

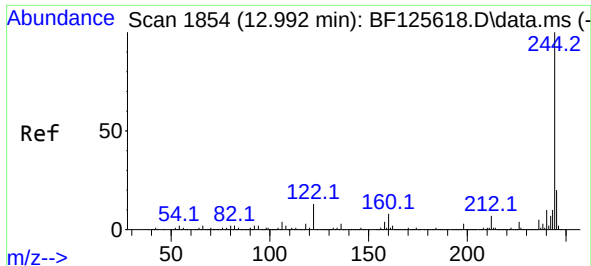


#78
Pyrene
Concen: 39.540 ng m
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



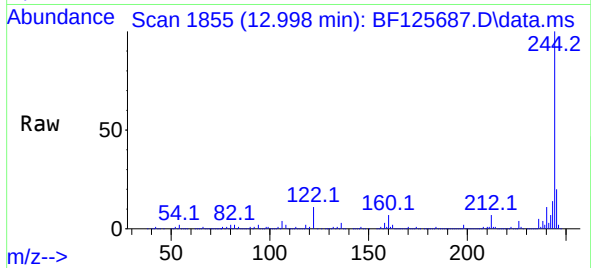
Tgt Ion:202 Resp: 2092926
Ion Ratio Lower Upper
202 100
200 23.0 15.3 22.9#
203 18.1 13.4 20.0





#79
Terphenyl-d14
Concen: 73.004 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

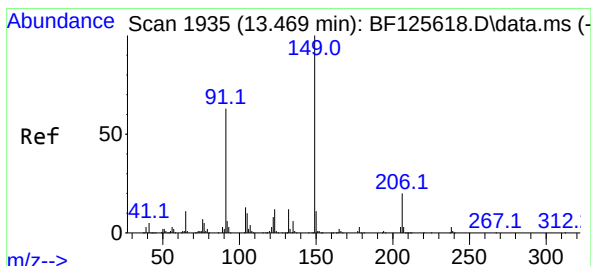
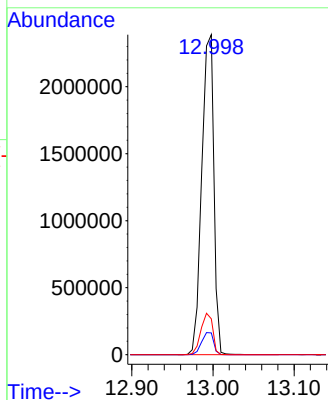
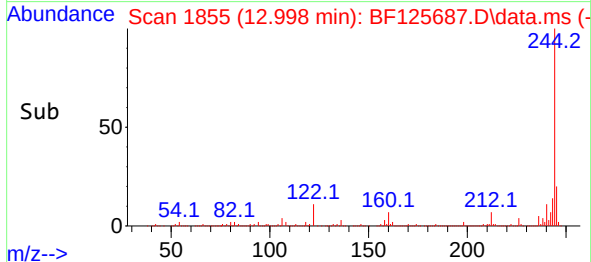
Instrument :
BNA_F
ClientSampleId :
PB139432BS



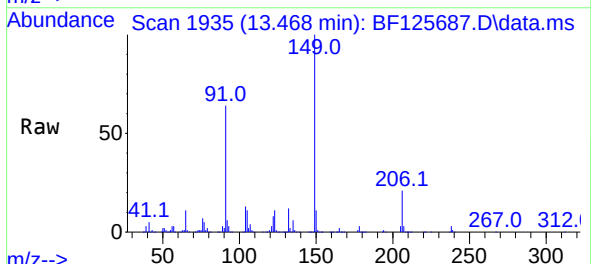
Tgt Ion:244 Resp: 2469078
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.2 9.0 13.4

Manual Integrations
APPROVED

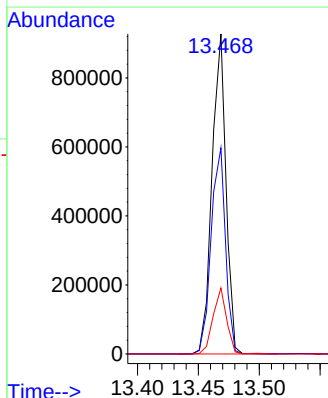
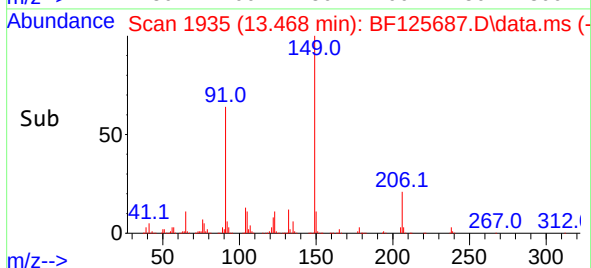
mohammad
9/29/2021 12:54:59 PM

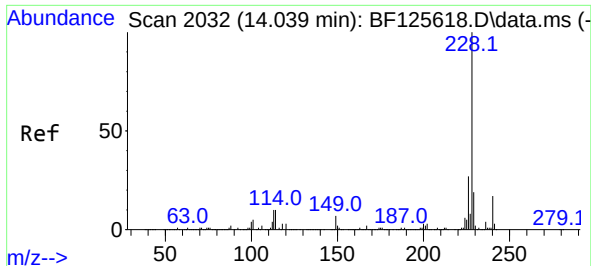


#80
Butylbenzylphthalate
Concen: 42.024 ng
RT: 13.468 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



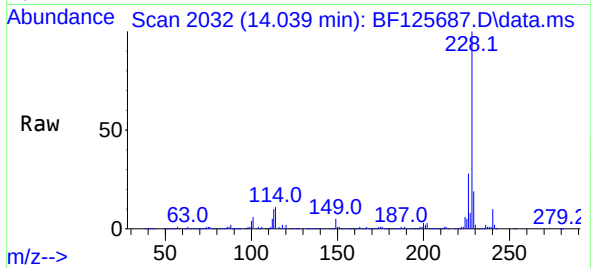
Tgt Ion:149 Resp: 736613
Ion Ratio Lower Upper
149 100
91 64.4 51.8 77.8
206 20.6 14.5 21.7





#81
Benzo(a)anthracene
Concen: 40.155 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

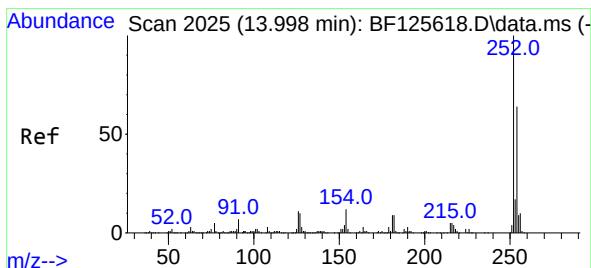
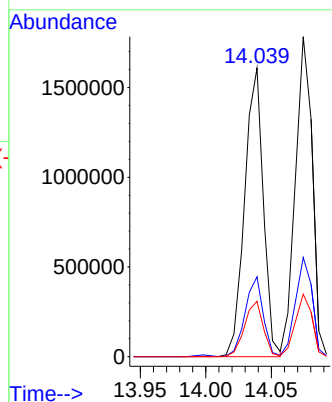
Instrument :
BNA_F
ClientSampled :
PB139432BS



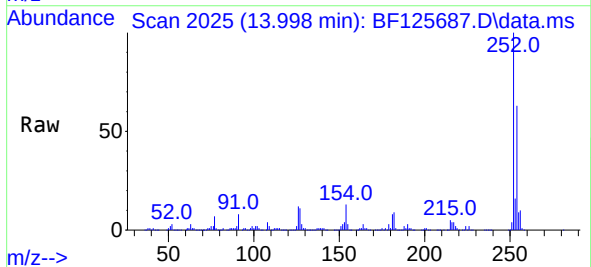
Tgt Ion:228 Resp: 1597582
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 19.2 15.6 23.4

Manual Integrations
APPROVED

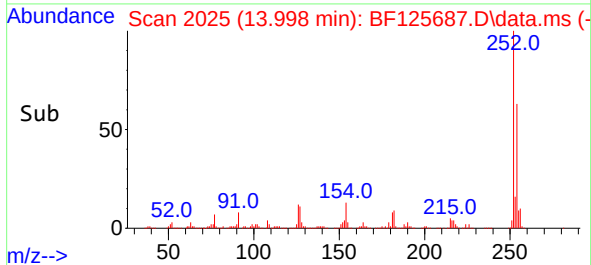
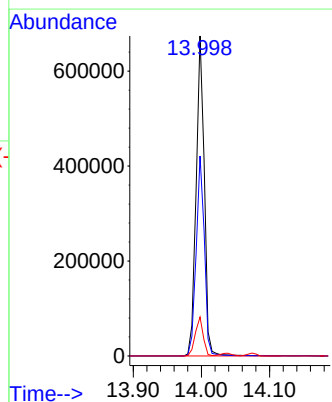
mohammad
9/29/2021 12:54:59 PM

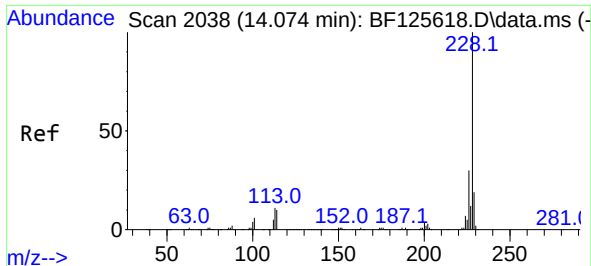


#82
3,3'-Dichlorobenzidine
Concen: 48.779 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:252 Resp: 559976
Ion Ratio Lower Upper
252 100
254 62.5 51.4 77.0
126 12.2 9.5 14.3





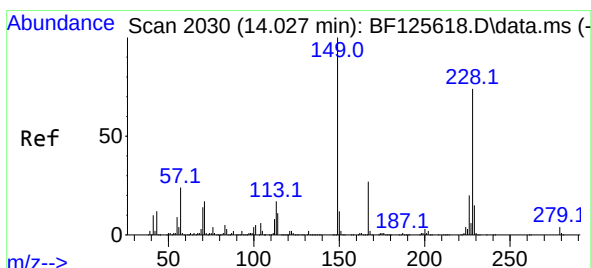
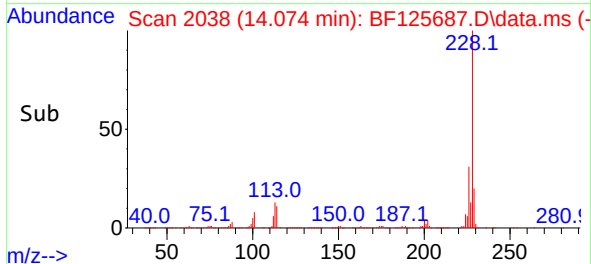
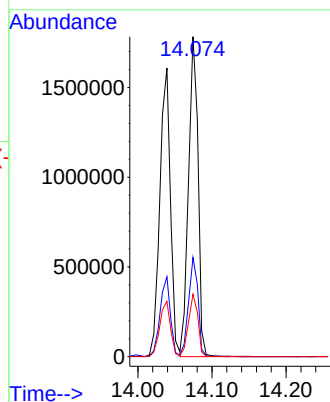
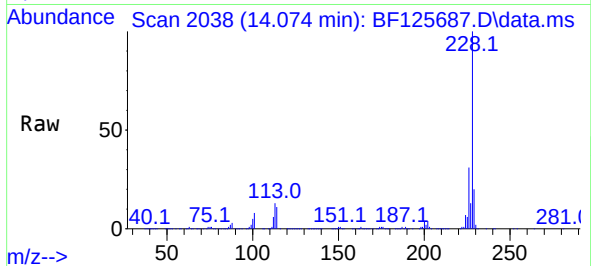
#83
Chrysene
Concen: 40.093 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Instrument :
BNA_F
ClientSampleId :
PB139432BS

Tgt Ion:228 Resp: 1600766
Ion Ratio Lower Upper
228 100
226 31.0 22.6 34.0
229 19.5 15.9 23.9

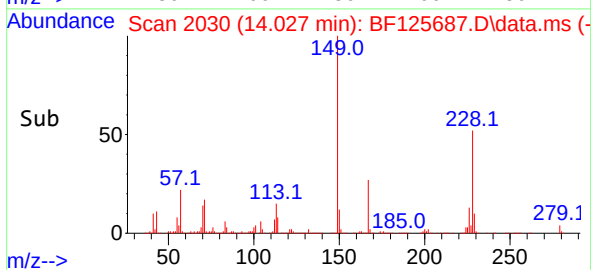
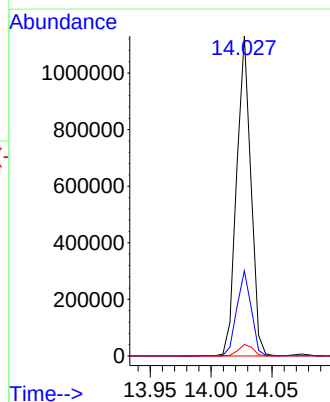
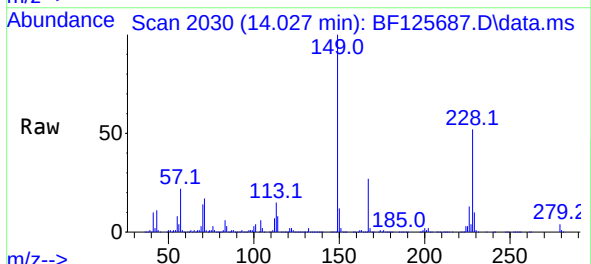
Manual Integrations
APPROVED

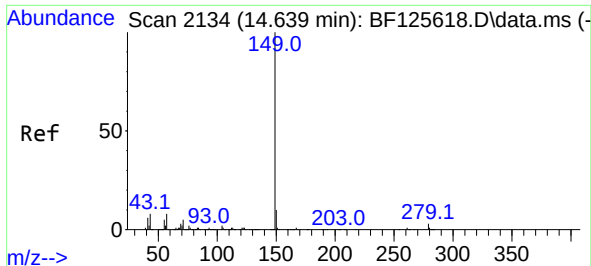
mohammad
9/29/2021 12:54:59 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.786 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

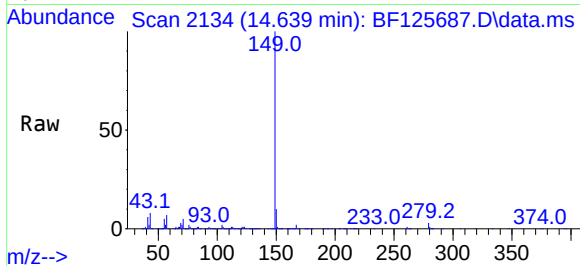
Tgt Ion:149 Resp: 918737
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.6 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 60.378 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

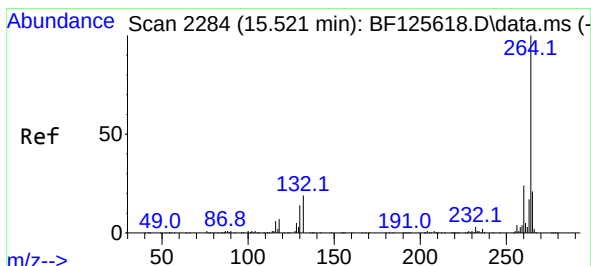
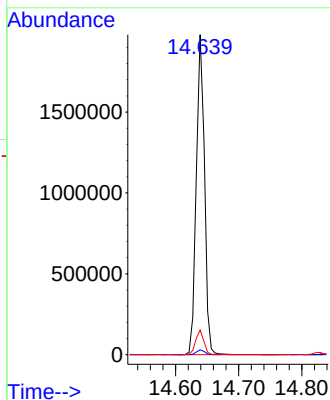
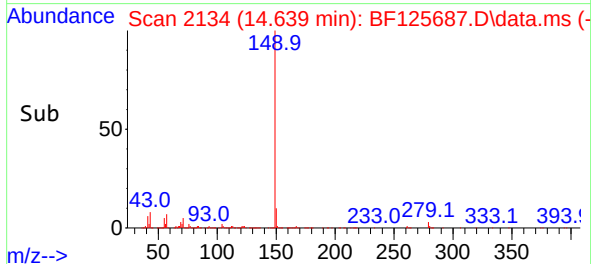
Instrument :
BNA_F
ClientSampleId :
PB139432BS



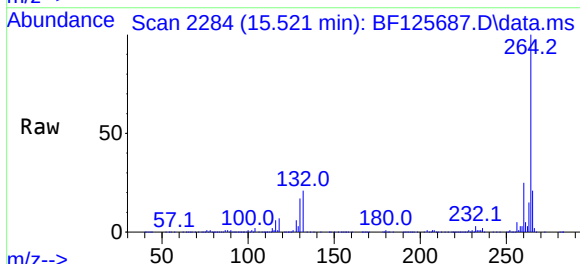
Tgt Ion:149 Resp: 1776952
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 7.7 9.9 14.9#

Manual Integrations
APPROVED

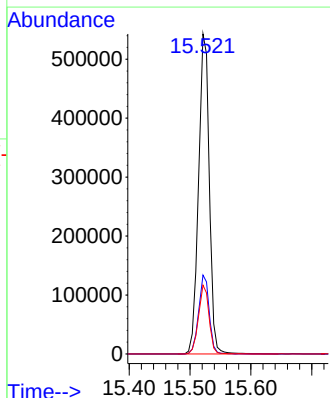
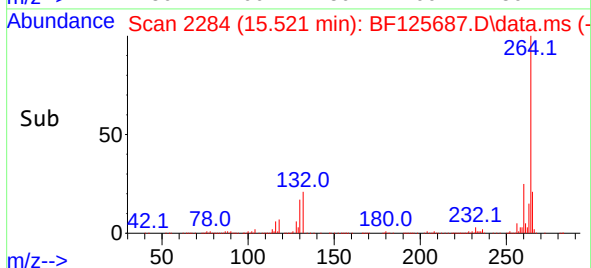
mohammad
9/29/2021 12:54:59 PM

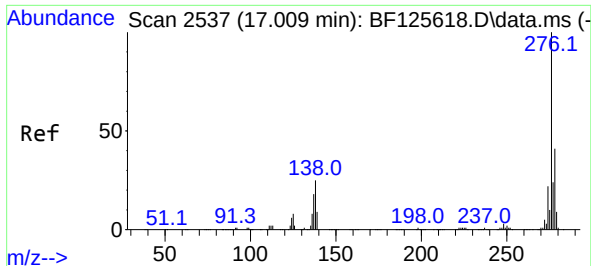


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58



Tgt Ion:264 Resp: 666835
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.5 17.2 25.8





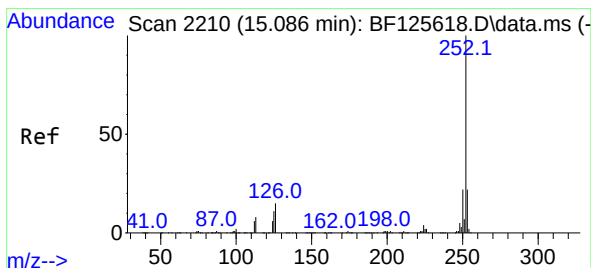
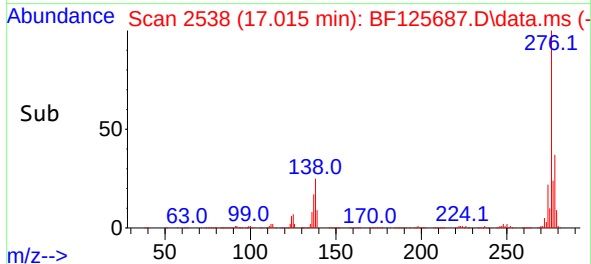
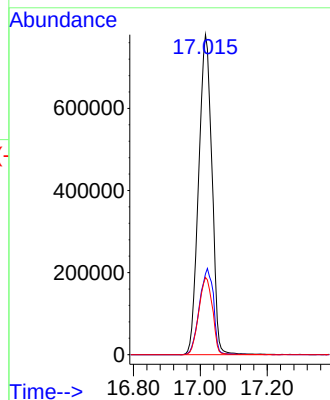
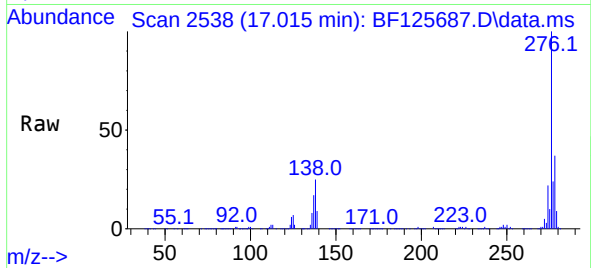
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.531 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:276 Resp: 2151507
Ion Ratio Lower Upper
276 100
138 28.4 24.1 36.1
277 24.8 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
PB139432BS

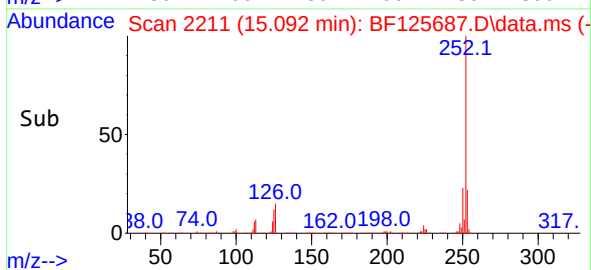
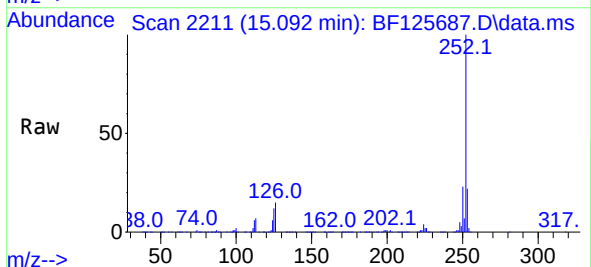
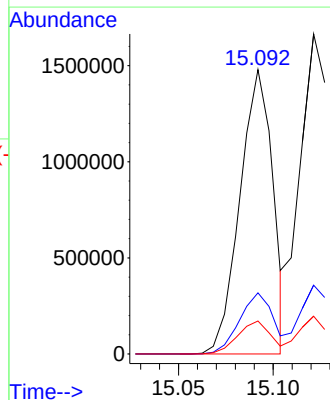
Manual Integrations
APPROVED

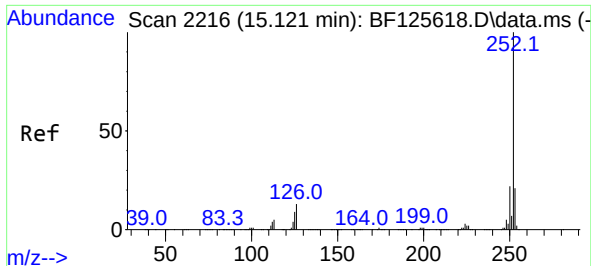
mohammad
9/29/2021 12:54:59 PM



#88
Benzo(b)fluoranthene
Concen: 38.415 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:252 Resp: 1794739
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 11.6 9.8 14.8





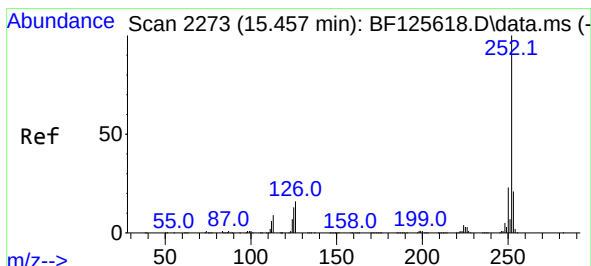
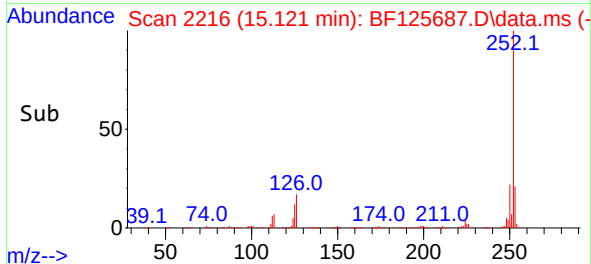
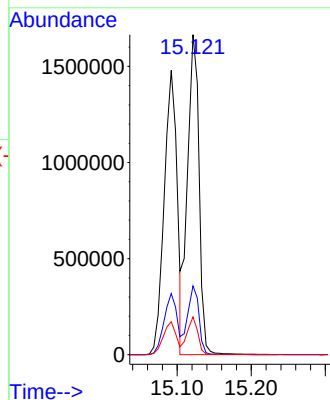
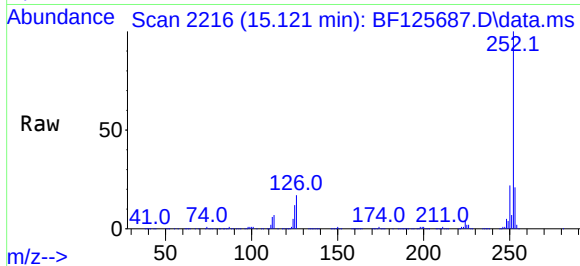
#89
Benzo(k)fluoranthene
Concen: 40.533 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:252 Resp: 1814352
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.8 7.2 10.8#

Instrument :
BNA_F
ClientSampleId :
PB139432BS

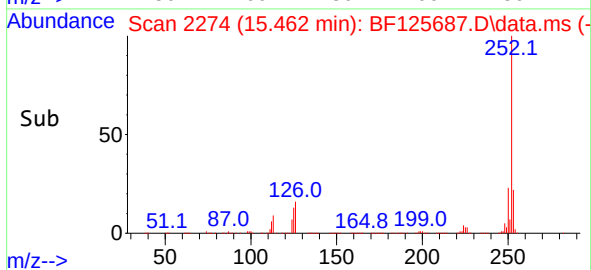
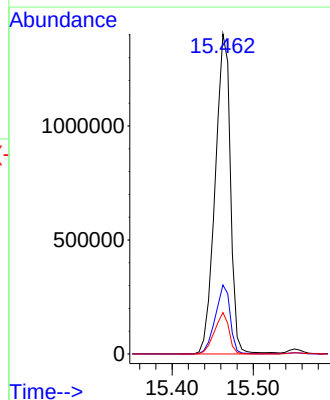
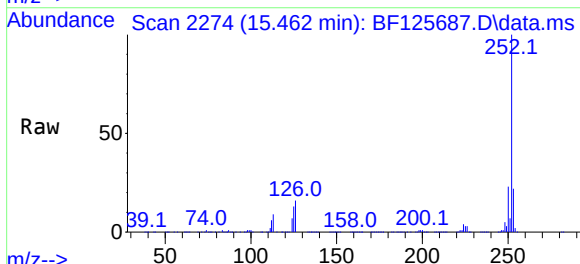
Manual Integrations
APPROVED

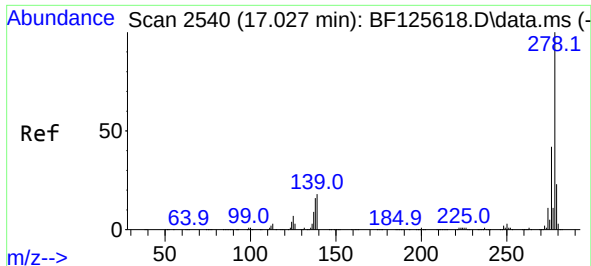
mohammad
9/29/2021 12:54:59 PM



#90
Benzo(a)pyrene
Concen: 44.104 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.005 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:252 Resp: 1834179
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 13.0 9.9 14.9





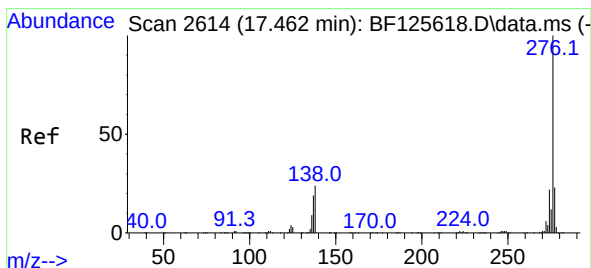
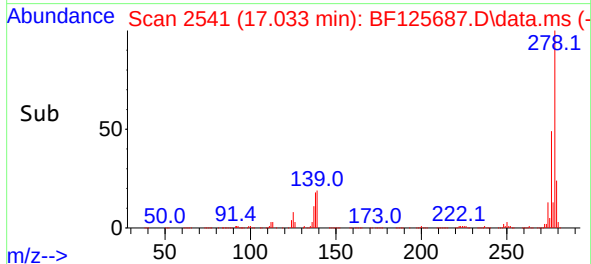
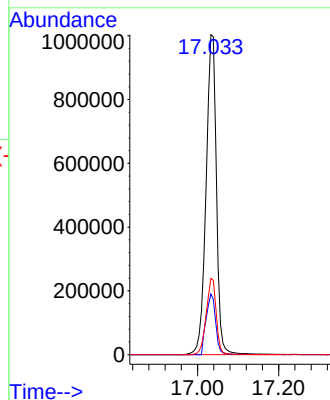
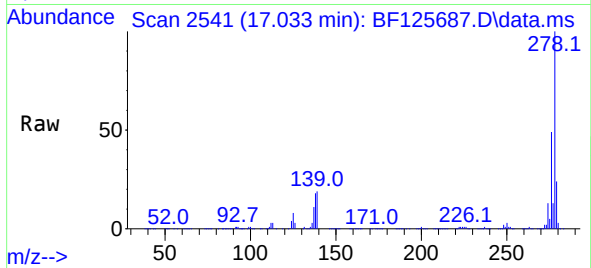
#91
Dibenzo(a,h)anthracene
Concen: 47.119 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:278 Resp: 1782691
Ion Ratio Lower Upper
278 100
139 19.0 14.9 22.3
279 23.8 19.7 29.5

Instrument :
BNA_F
ClientSampled :
PB139432BS

Manual Integrations
APPROVED

mohammad
9/29/2021 12:54:59 PM



#92
Benzo(g,h,i)perylene
Concen: 47.546 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.006 min
Lab File: BF125687.D
Acq: 28 Sep 2021 13:58

Tgt Ion:276 Resp: 1837129
Ion Ratio Lower Upper
276 100
277 23.8 22.0 33.0
138 25.7 22.2 33.4

