

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123805.D
 Acq On : 4 May 2021 13:20
 Operator : JU/CG
 Sample : PB136145BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136145BS

Manual Integrations
 APPROVED

mohammad
 5/5/2021 11:25:02 AM

Quant Time: May 04 13:43:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	251622	20.00	ng	0.00
21) Naphthalene-d8	8.087	136	989258	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	513054	20.00	ng	0.00
64) Phenanthrene-d10	11.328	188	956118	20.00	ng	0.00
76) Chrysene-d12	13.974	240	638821	20.00	ng	0.00
86) Perylene-d12	15.427	264	487512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1758556	110.72	ng	0.01
7) Phenol-d6	6.445	99	2318977	105.99	ng	0.00
23) Nitrobenzene-d5	7.369	82	1620067	73.93	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	664169	103.99	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2426052	68.86	ng	0.00
79) Terphenyl-d14	12.922	244	2649103	79.85	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	277039	32.38	ng	97
3) Pyridine	3.334	79	770952	36.87	ng	91
4) n-Nitrosodimethylamine	3.281	42	487896	42.36	ng	99
6) Aniline	6.463	93	818154	32.33	ng	# 34
8) 2-Chlorophenol	6.593	128	722249	42.27	ng	99
9) Benzaldehyde	6.345	77	204293	19.29	ng	96
10) Phenol	6.457	94	967904	41.18	ng	# 74
11) bis(2-Chloroethyl)ether	6.540	93	720740	42.00	ng	97
12) 1,3-Dichlorobenzene	6.745	146	685860	39.73	ng	94
13) 1,4-Dichlorobenzene	6.822	146	696855	39.90	ng	95
14) 1,2-Dichlorobenzene	6.975	146	671690	39.61	ng	98
15) Benzyl Alcohol	6.945	79	699403	40.78	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1508637	41.34	ng	98
17) 2-Methylphenol	7.063	107	610455	41.93	ng	98
18) Hexachloroethane	7.316	117	279338	40.41	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	539639	39.94	ng	98
20) 3+4-Methylphenols	7.216	107	759400	40.99	ng	# 87
22) Acetophenone	7.216	105	1068108	39.72	ng	# 92
24) Nitrobenzene	7.387	77	864841	37.89	ng	97
25) Isophorone	7.628	82	1584853	38.57	ng	99
26) 2-Nitrophenol	7.704	139	376822	40.45	ng	94
27) 2,4-Dimethylphenol	7.745	122	653274	44.64	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	889050	42.46	ng	100
29) 2,4-Dichlorophenol	7.951	162	576278	39.96	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	579653	38.35	ng	99
31) Naphthalene	8.110	128	1960831	38.49	ng	100
32) Benzoic acid	7.887	122	396259	40.40	ng	98
33) 4-Chloroaniline	8.157	127	480250	22.59	ng	97
34) Hexachlorobutadiene	8.228	225	338513	36.75	ng	99
35) Caprolactam	8.528	113	218378m	43.13	ng	
36) 4-Chloro-3-methylphenol	8.651	107	748082	41.57	ng	96
37) 2-Methylnaphthalene	8.804	142	1297353	39.08	ng	95
38) 1-Methylnaphthalene	8.904	142	1210337	38.79	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	542425	35.92	ng	99
41) Hexachlorocyclopentadiene	8.957	237	540476	82.62	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	410615	39.48	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123805.D
 Acq On : 4 May 2021 13:20
 Operator : JU/CG
 Sample : PB136145BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136145BS

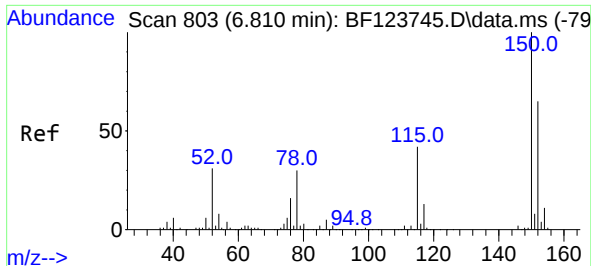
Manual Integrations
 APPROVED

mohammad
 5/5/2021 11:25:02 AM

Quant Time: May 04 13:43:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	445520	39.93	ng	97
46) 1,1'-Biphenyl	9.269	154	1568041	37.31	ng	98
47) 2-Chloronaphthalene	9.292	162	1165228	36.77	ng	97
48) 2-Nitroaniline	9.386	65	546721	39.16	ng	92
49) Acenaphthylene	9.710	152	2040031	39.88	ng	99
50) Dimethylphthalate	9.569	163	1402495	38.81	ng	99
51) 2,6-Dinitrotoluene	9.634	165	314704	37.67	ng	# 84
52) Acenaphthene	9.881	154	1197286	38.41	ng	100
53) 3-Nitroaniline	9.798	138	264954	26.55	ng	98
54) 2,4-Dinitrophenol	9.910	184	376442	84.84	ng	98
55) Dibenzofuran	10.051	168	1723561	36.56	ng	98
56) 4-Nitrophenol	9.981	139	586075	80.64	ng	94
57) 2,4-Dinitrotoluene	10.039	165	444183	39.00	ng	97
58) Fluorene	10.392	166	1349807	37.26	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	346653	39.24	ng	98
60) Diethylphthalate	10.269	149	1473759	38.32	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	622700	36.88	ng	96
62) 4-Nitroaniline	10.422	138	382707	38.71	ng	94
63) Azobenzene	10.545	77	1615140	36.53	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	228793	38.62	ng	93
66) n-Nitrosodiphenylamine	10.504	169	1221581	39.06	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	392872	39.02	ng	98
68) Hexachlorobenzene	10.945	284	455413	39.74	ng	94
69) Atrazine	11.033	200	384437	40.66	ng	95
70) Pentachlorophenol	11.139	266	491791	84.20	ng	97
71) Phenanthrene	11.357	178	1933375	38.55	ng	99
72) Anthracene	11.410	178	1965811	39.42	ng	100
73) Carbazole	11.563	167	1926838	38.23	ng	99
74) Di-n-butylphthalate	11.892	149	2235216	39.51	ng	100
75) Fluoranthene	12.545	202	2103870	38.46	ng	99
77) Benzidine	12.663	184	712681	43.08	ng	97
78) Pyrene	12.774	202	2129245	42.94	ng	99
80) Butylbenzylphthalate	13.392	149	903509	42.65	ng	97
81) Benzo(a)anthracene	13.963	228	1569833	40.55	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	418380	35.19	ng	99
83) Chrysene	14.004	228	1511954	38.82	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1076609	40.91	ng	99
85) Di-n-octyl phthalate	14.568	149	1721519	40.91	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1415952	49.87	ng	98
88) Benzo(b)fluoranthene	15.004	252	1355174	41.25	ng	98
89) Benzo(k)fluoranthene	15.039	252	1216638	38.80	ng	99
90) Benzo(a)pyrene	15.368	252	1122514	39.96	ng	97
91) Dibenzo(a,h)anthracene	16.892	278	1177375	49.12	ng	99
92) Benzo(g,h,i)perylene	17.315	276	1228279	51.16	ng	96

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



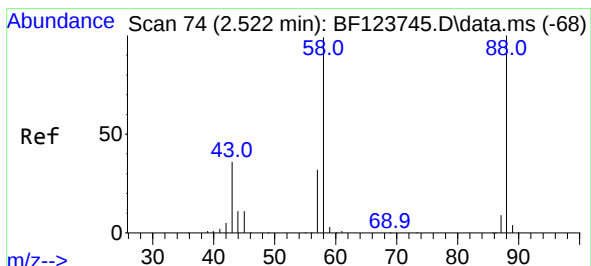
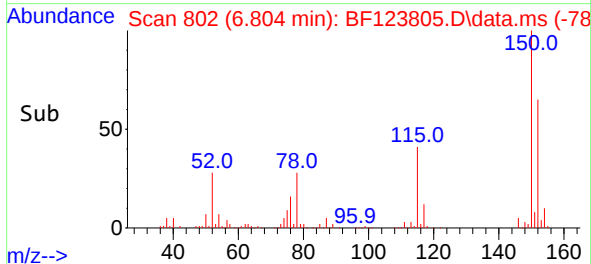
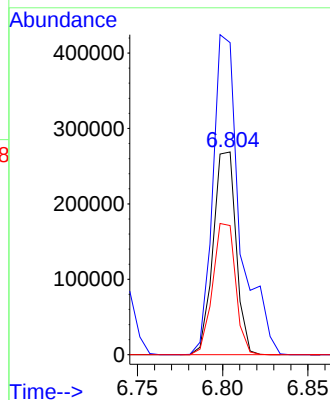
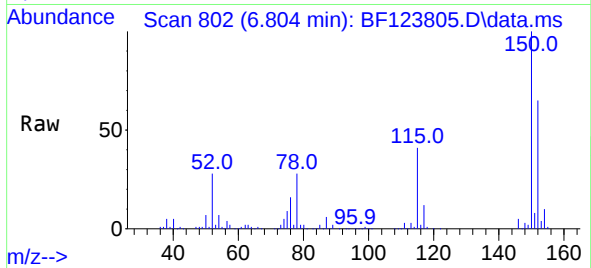
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:152 Resp: 251622
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 63.7 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
PB136145BS

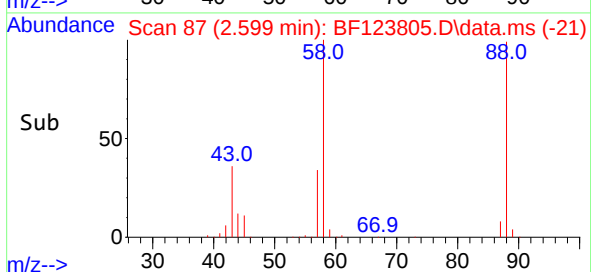
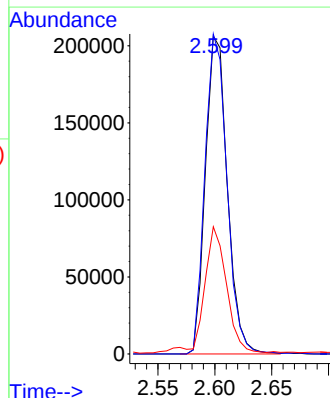
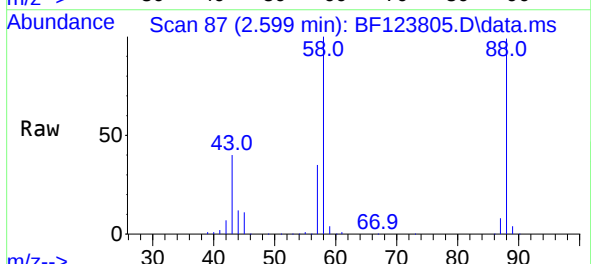
Manual Integrations
APPROVED

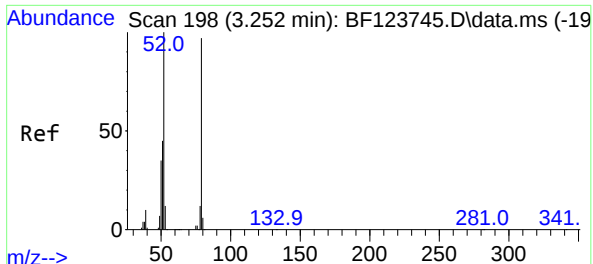
mohammad
5/5/2021 11:25:02 AM



#2
1,4-Dioxane
Concen: 32.38 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.088 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

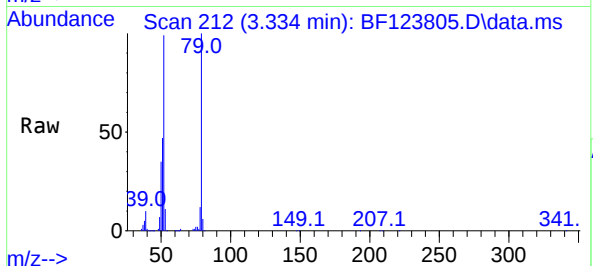
Tgt Ion: 88 Resp: 277039
Ion Ratio Lower Upper
88 100
58 100.9 83.8 125.8
43 40.3 32.2 48.4





#3
Pyridine
Concen: 36.87 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.088 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

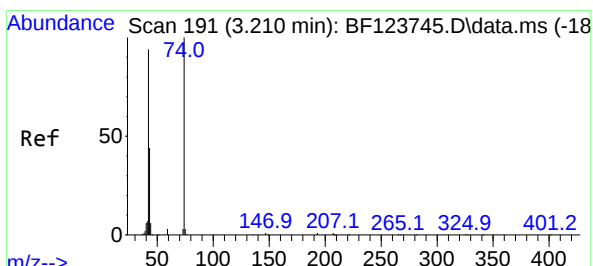
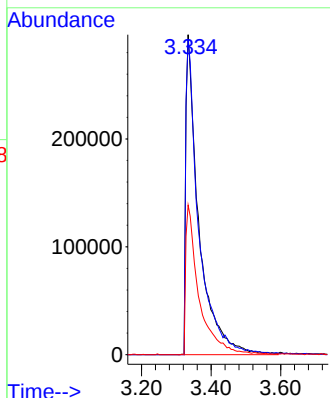
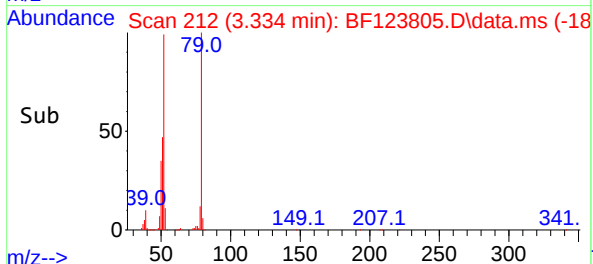
Instrument :
BNA_F
ClientSampleId :
PB136145BS



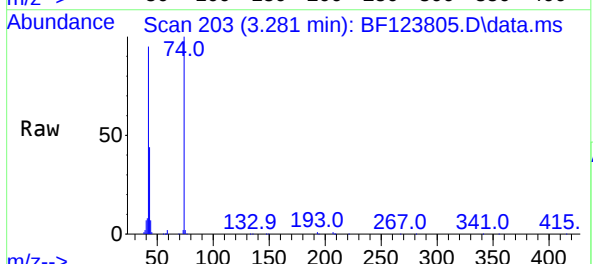
Tgt Ion: 79 Resp: 770952
Ion Ratio Lower Upper
79 100
52 98.6 87.4 131.0
51 46.8 41.4 62.0

Manual Integrations
APPROVED

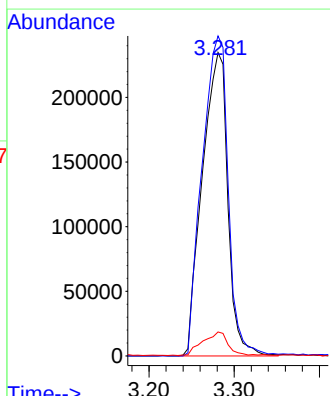
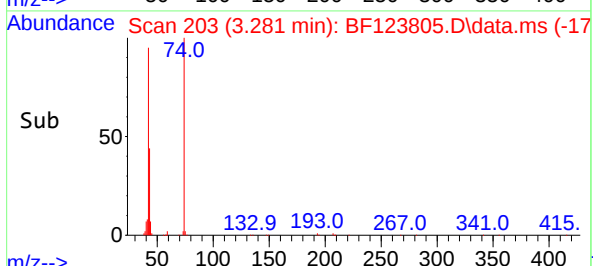
mohammad
5/5/2021 11:25:02 AM

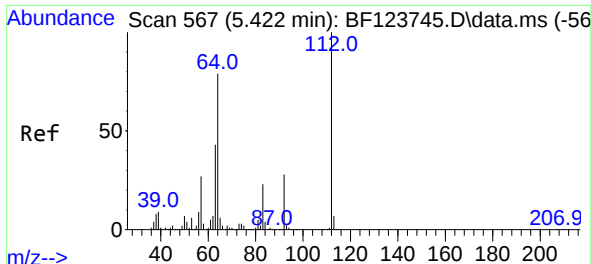


#4
n-Nitrosodimethylamine
Concen: 42.36 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



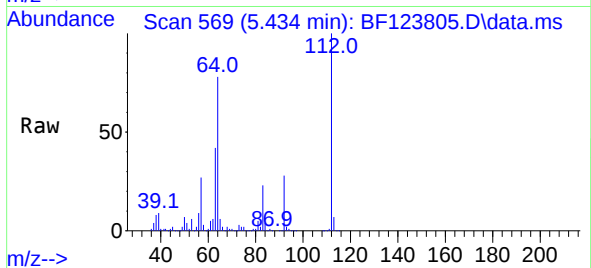
Tgt Ion: 42 Resp: 487896
Ion Ratio Lower Upper
42 100
74 105.5 83.5 125.3
44 7.9 5.7 8.5





#5
2-Fluorophenol
Concen: 110.72 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

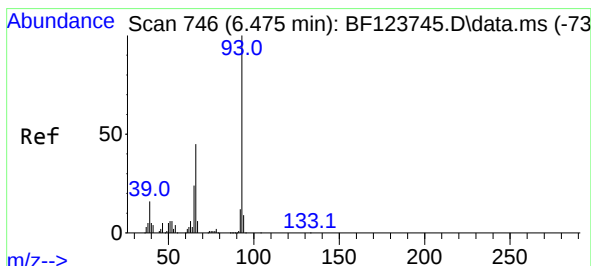
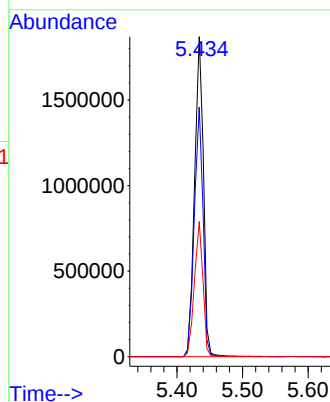
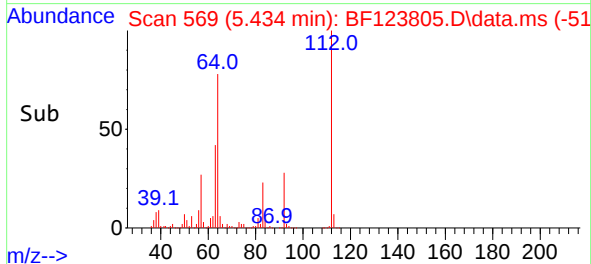
Instrument :
BNA_F
ClientSampleId :
PB136145BS



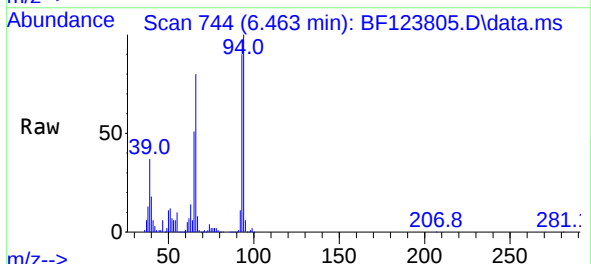
Tgt Ion:112 Resp: 1758556
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 42.2 33.0 49.4

Manual Integrations
APPROVED

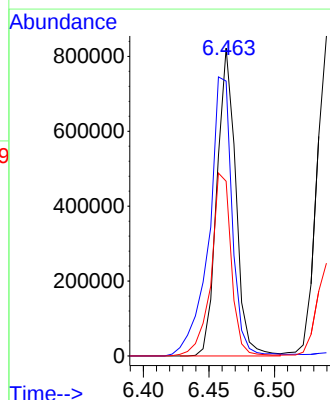
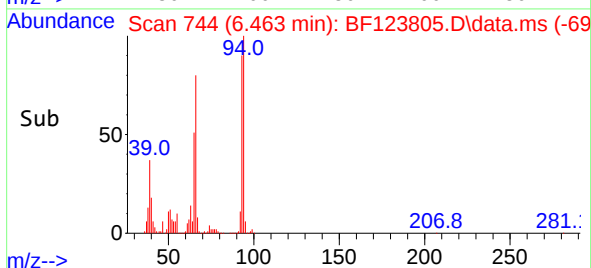
mohammad
5/5/2021 11:25:02 AM

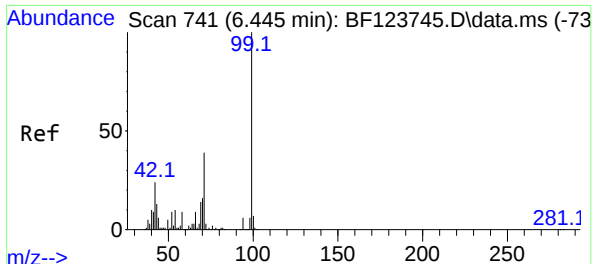


#6
Aniline
Concen: 32.33 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



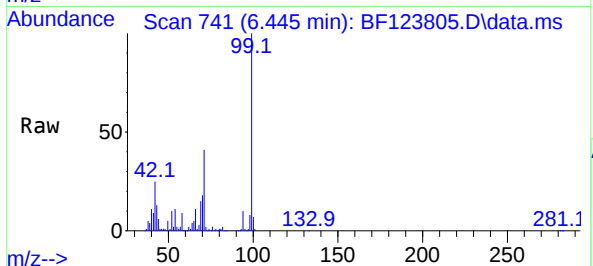
Tgt Ion: 93 Resp: 818154
Ion Ratio Lower Upper
93 100
66 89.3 36.4 54.6#
65 56.7 19.4 29.0#





#7
Phenol-d6
Concen: 105.99 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

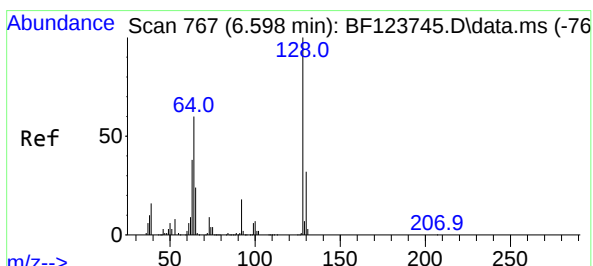
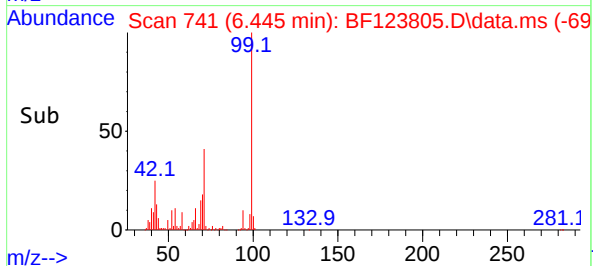
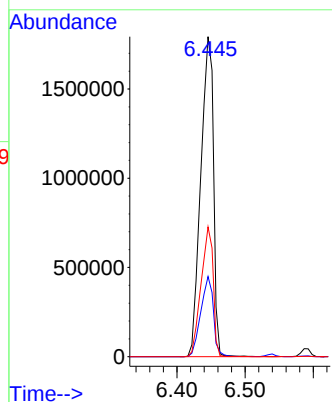


Tgt Ion: 99 Resp: 2318977

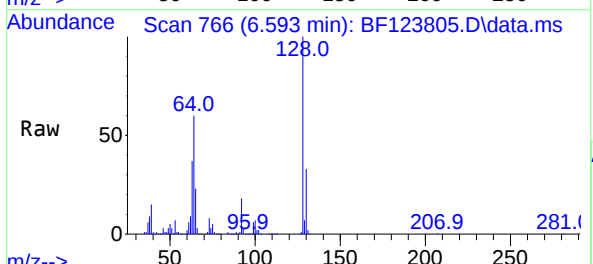
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.8	29.8
71	40.6	31.1	46.7

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM

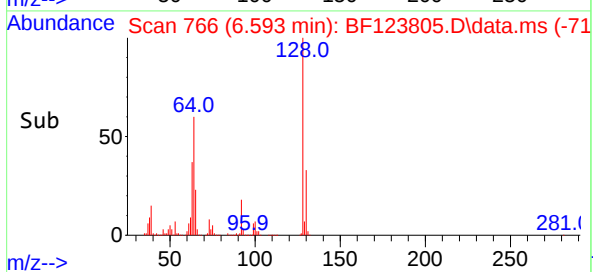
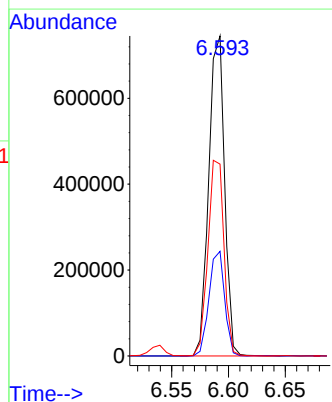


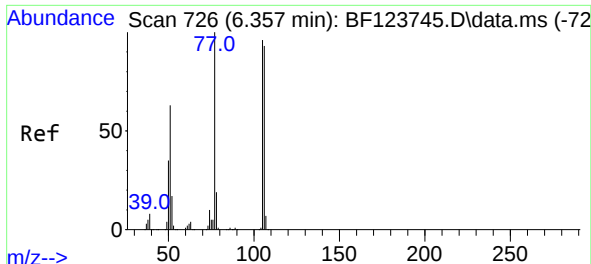
#8
2-Chlorophenol
Concen: 42.27 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion: 128 Resp: 722249

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	60.0	41.5	81.5





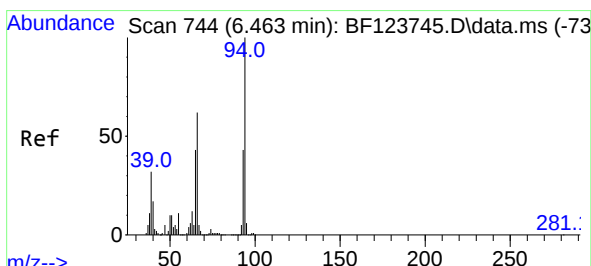
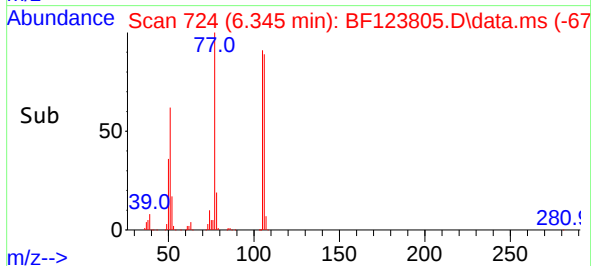
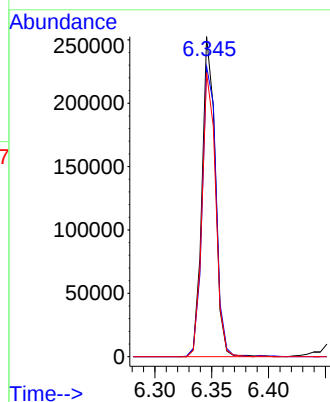
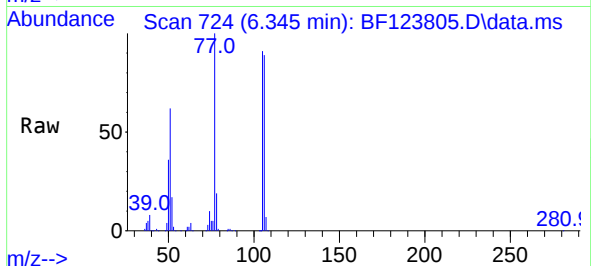
#9
Benzaldehyde
Concen: 19.29 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 77 Resp: 204293
Ion Ratio Lower Upper
77 100
105 90.7 75.2 115.2
106 88.7 71.6 111.6

Instrument :
BNA_F
ClientSampleId :
PB136145BS

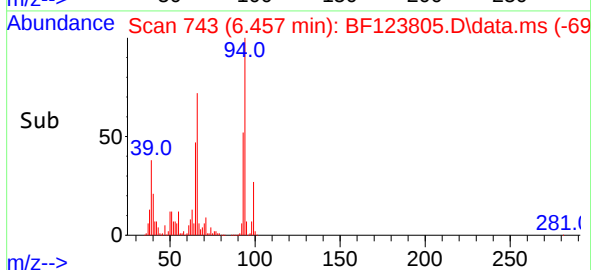
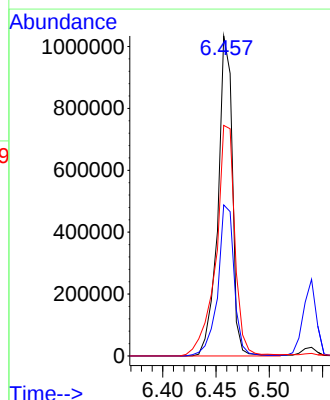
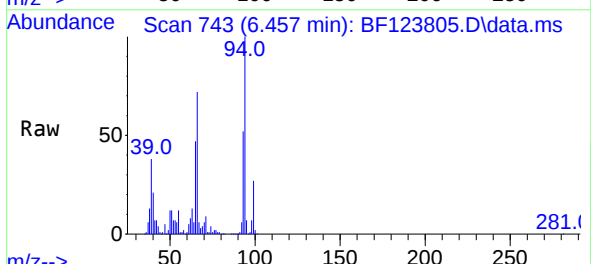
Manual Integrations
APPROVED

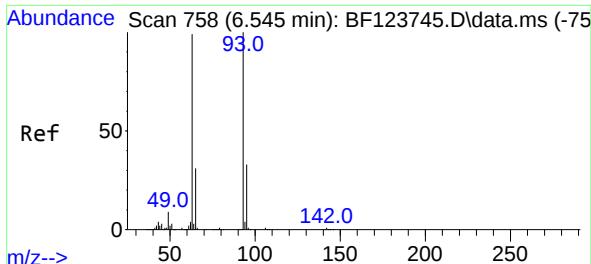
mohammad
5/5/2021 11:25:02 AM



#10
Phenol
Concen: 41.18 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 94 Resp: 967904
Ion Ratio Lower Upper
94 100
65 47.2 18.1 58.1
66 72.1 29.0 69.0#





#11
bis(2-Chloroethyl)ether
Concen: 42.00 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

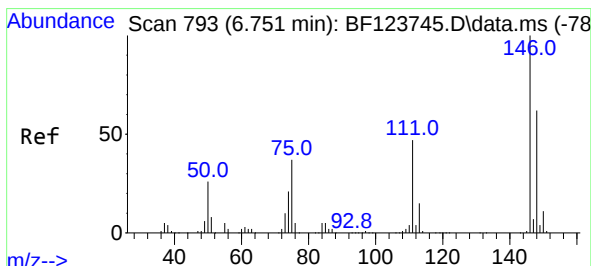
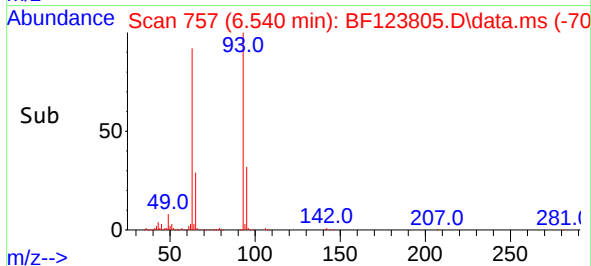
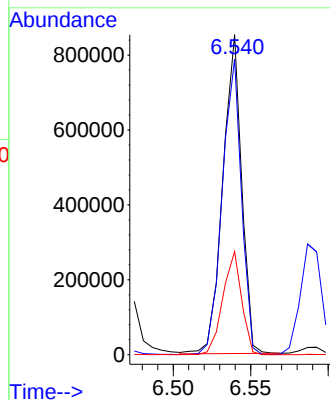
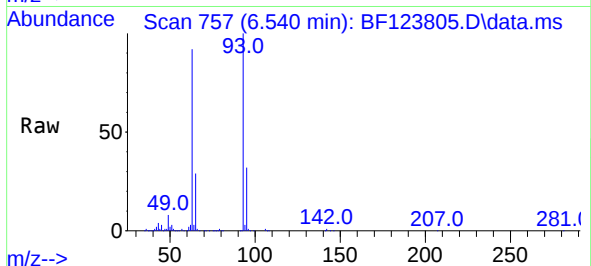
Tgt Ion: 93 Resp: 720740

Ion	Ratio	Lower	Upper
93	100		
63	92.4	76.1	116.1
95	32.3	11.5	51.5

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations
APPROVED

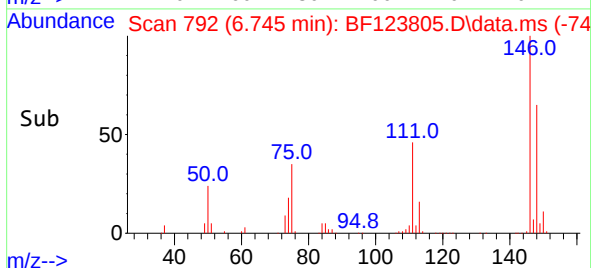
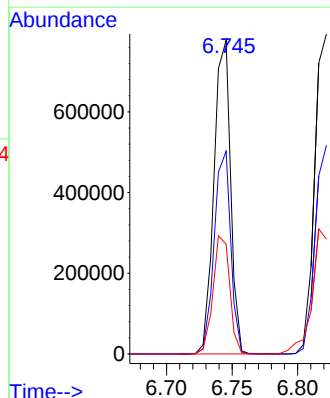
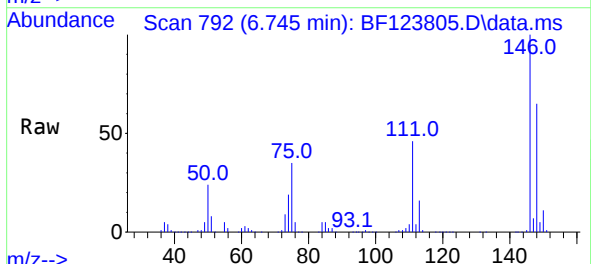
mohammad
5/5/2021 11:25:02 AM

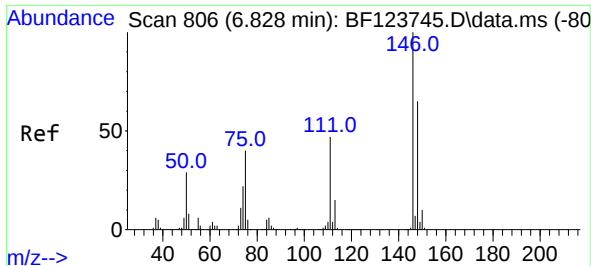


#12
1,3-Dichlorobenzene
Concen: 39.73 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:146 Resp: 685860

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	35.0	34.2	51.4





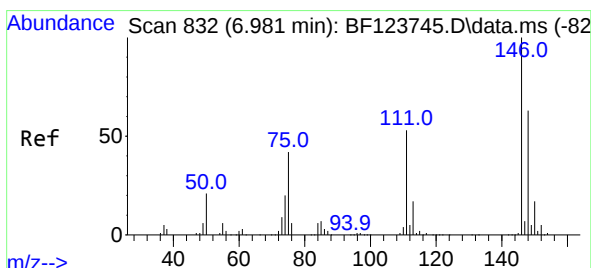
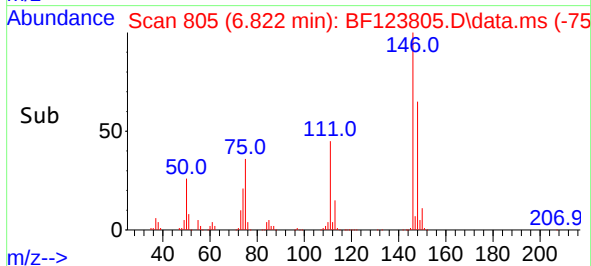
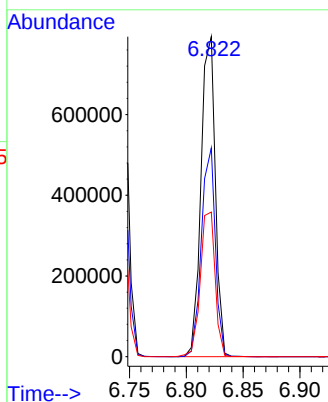
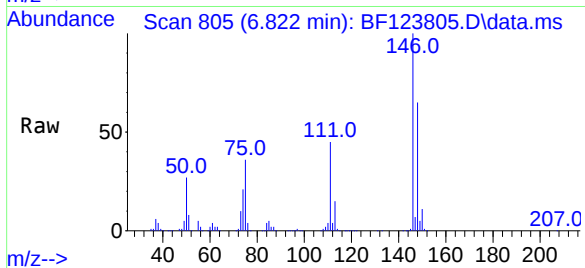
#13
1,4-Dichlorobenzene
Concen: 39.90 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:146 Resp: 696855
Ion Ratio Lower Upper
146 100
148 65.2 49.9 74.9
111 45.2 39.5 59.3

Instrument :
BNA_F
ClientSampled :
PB136145BS

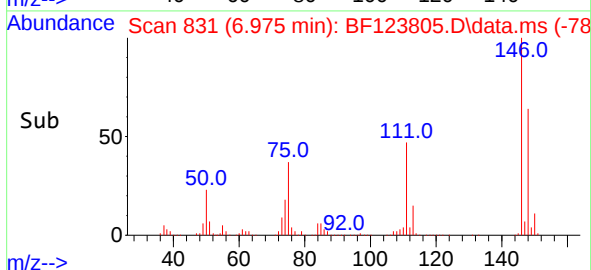
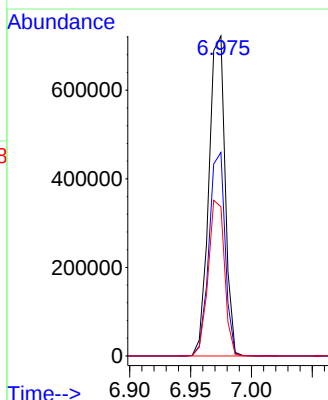
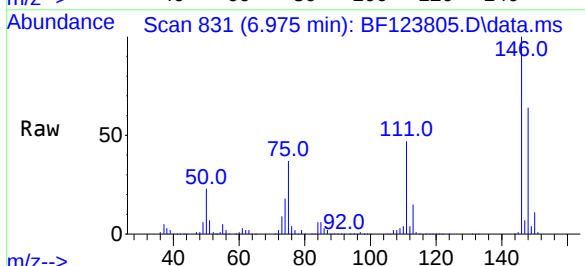
Manual Integrations
APPROVED

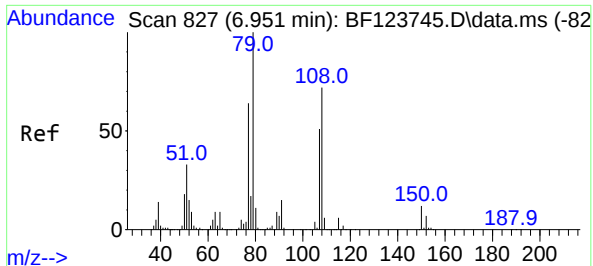
mohammad
5/5/2021 11:25:02 AM



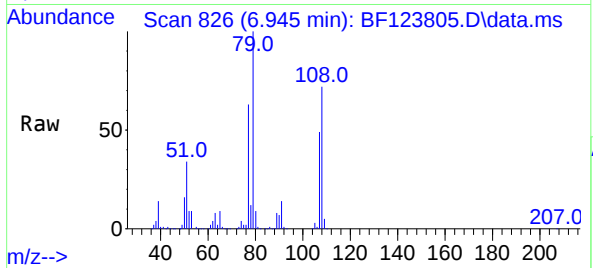
#14
1,2-Dichlorobenzene
Concen: 39.61 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:146 Resp: 671690
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 46.6 38.4 57.6

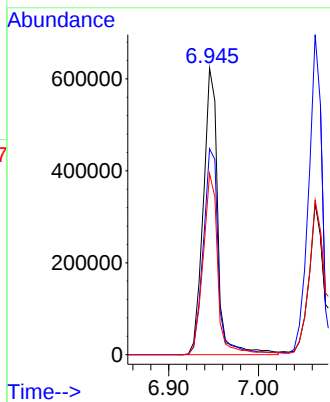




#15
Benzyl Alcohol
Concen: 40.78 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



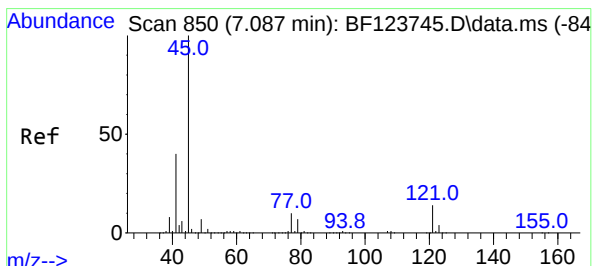
Tgt Ion: 79 Resp: 699403
Ion Ratio Lower Upper
79 100
108 71.9 55.8 83.8
77 63.2 49.9 74.9



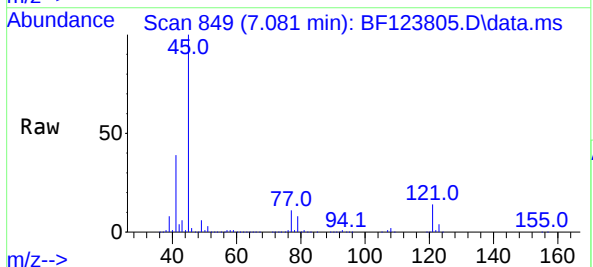
Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations
APPROVED

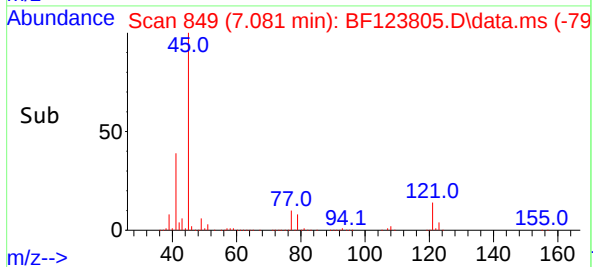
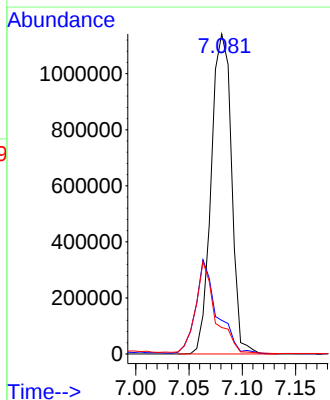
mohammad
5/5/2021 11:25:02 AM

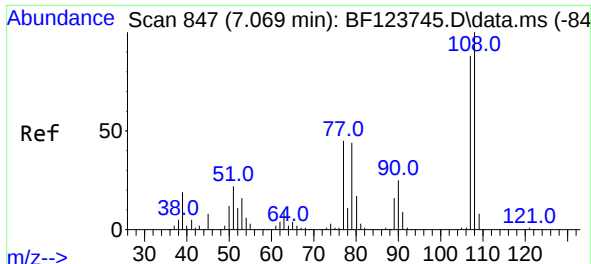


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.34 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion: 45 Resp: 1508637
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.0
79 8.2 0.0 27.3





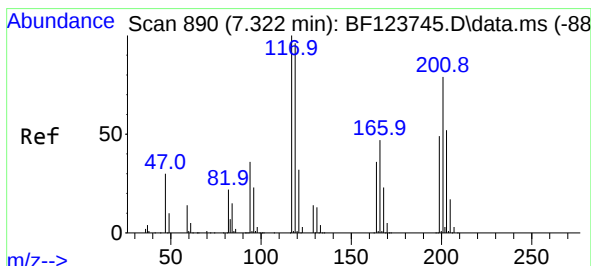
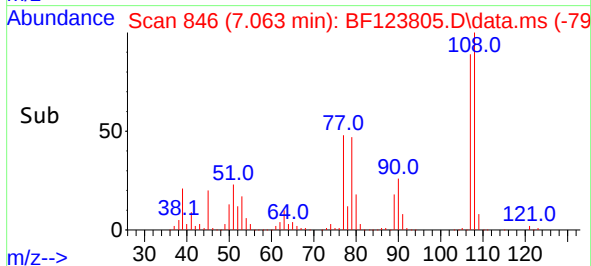
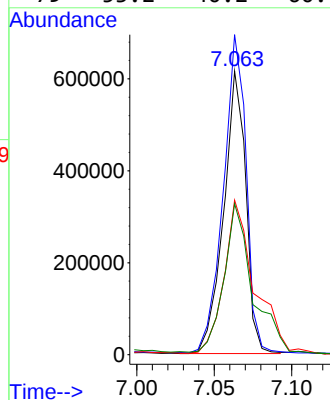
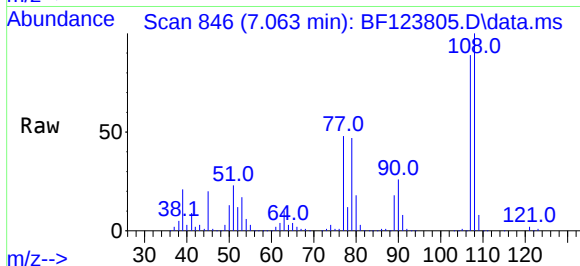
#17
2-Methylphenol
Concen: 41.93 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Tgt Ion:	107	Resp:	610455
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.8
77	54.5	40.9	61.3
79	53.2	40.2	60.4

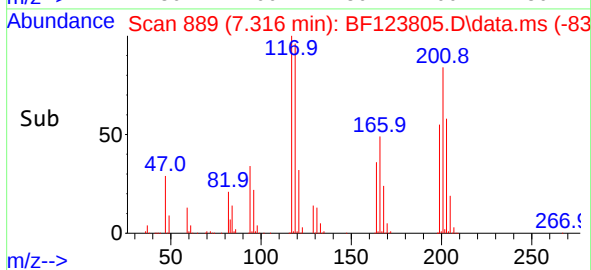
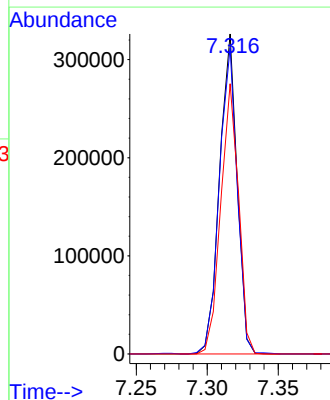
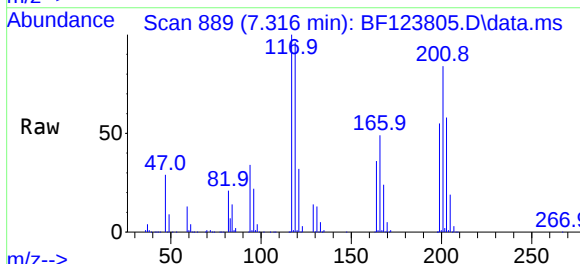
Manual Integrations
APPROVED

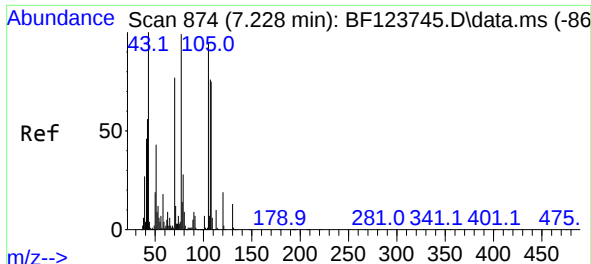
mohammad
5/5/2021 11:25:02 AM



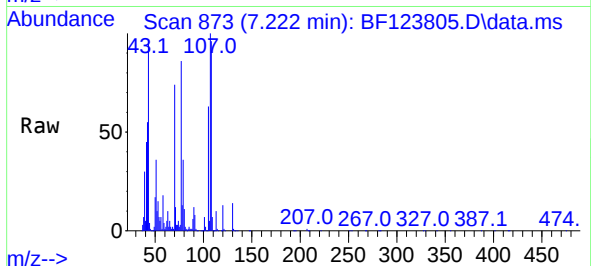
#18
Hexachloroethane
Concen: 40.41 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:	117	Resp:	279338
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.8	116.8
201	84.5	67.8	101.8

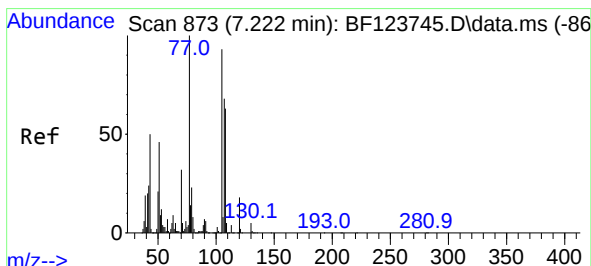
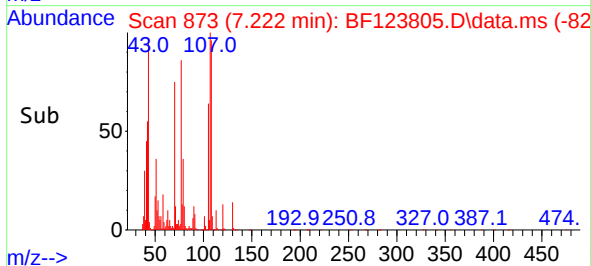
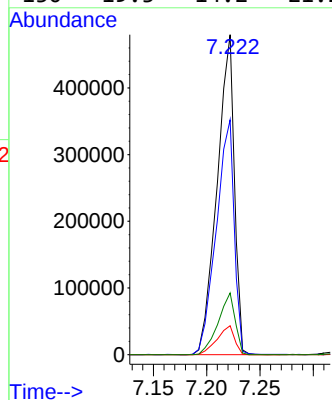




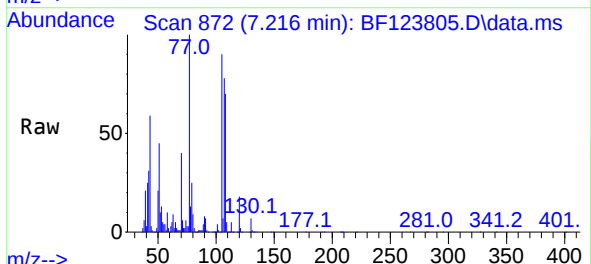
#19
n-Nitroso-di-n-propylamine
Concen: 39.94 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



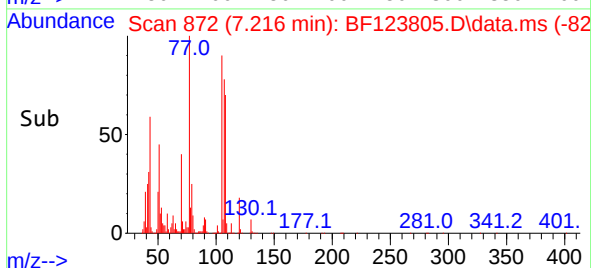
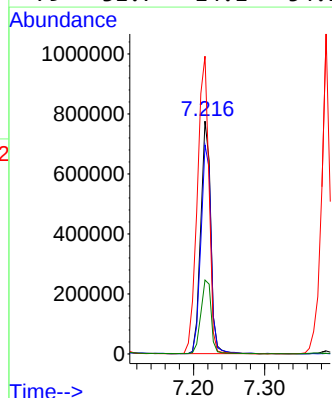
Tgt Ion: 70 Resp: 539639
Ion Ratio Lower Upper
70 100
42 73.4 60.1 90.1
101 9.1 7.4 11.2
130 19.3 14.2 21.2



#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



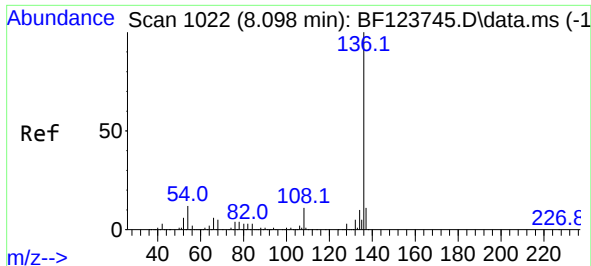
Tgt Ion: 107 Resp: 759400
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 127.9 82.0 122.0#
79 31.7 14.1 54.1



Instrument :
BNA_F
ClientSampleId :
PB136145BS

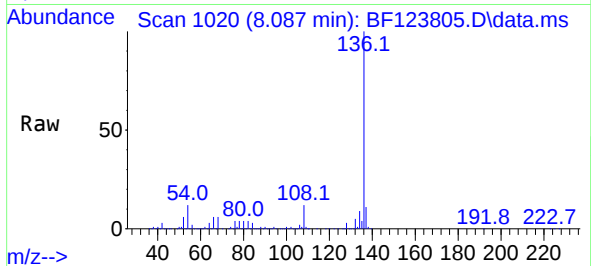
Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

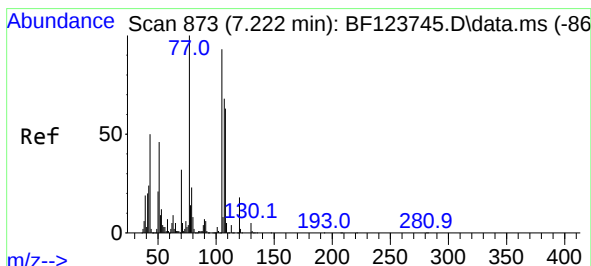
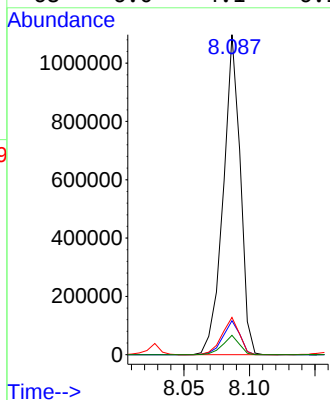
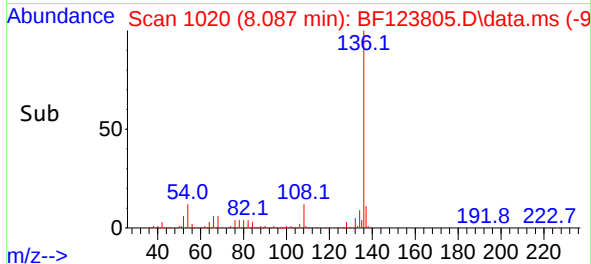


Tgt Ion:136 Resp: 989258

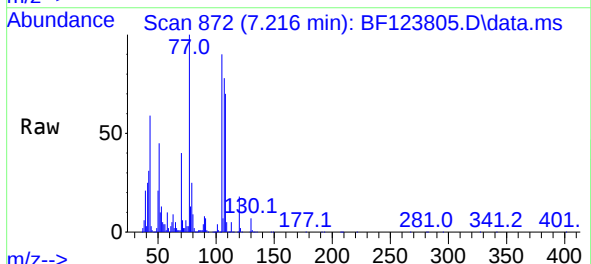
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.7	9.8	14.6
68	6.0	4.1	6.1

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM

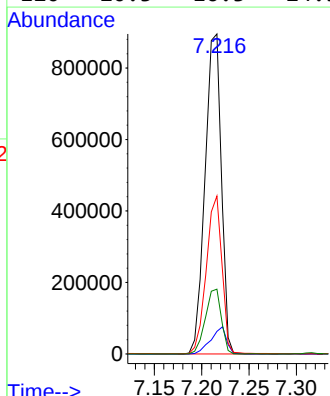
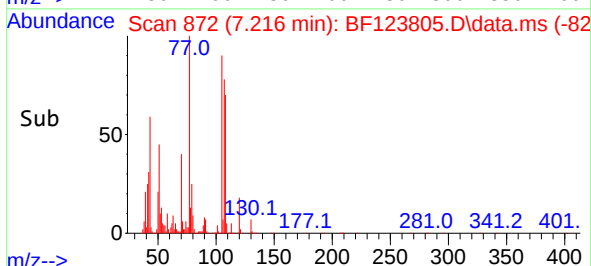


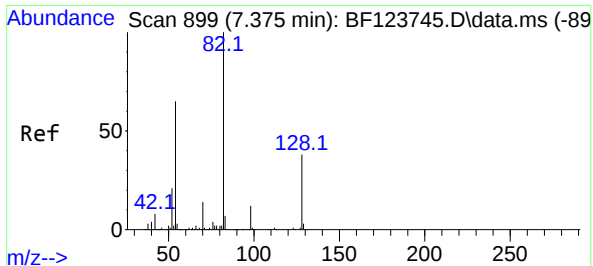
#22
Acetophenone
Concen: 39.72 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion:105 Resp: 1068108

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.2	6.4#
51	49.4	33.6	50.4
120	20.3	16.3	24.5





#23
Nitrobenzene-d5
Concen: 73.93 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

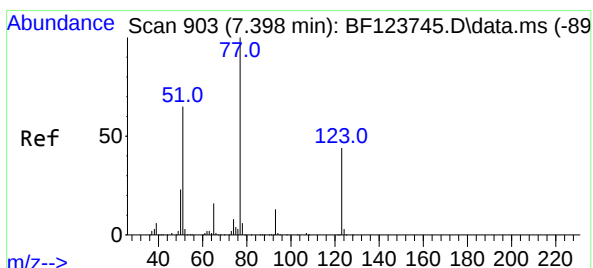
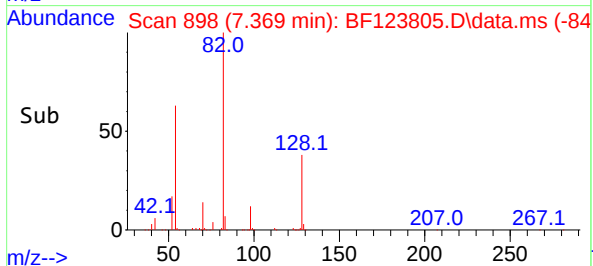
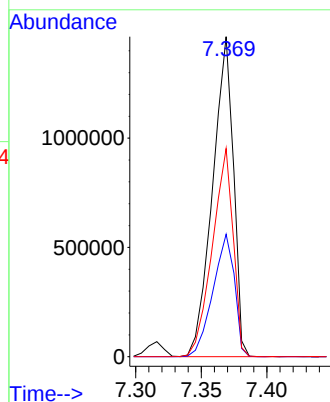
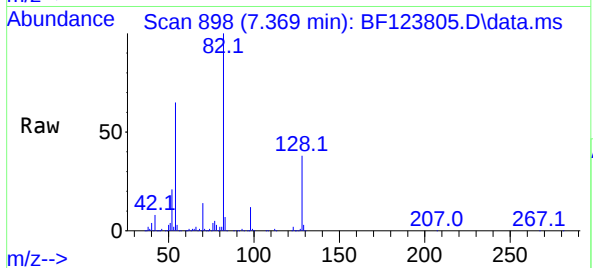
Tgt Ion: 82 Resp: 1620067

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	65.1	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations
APPROVED

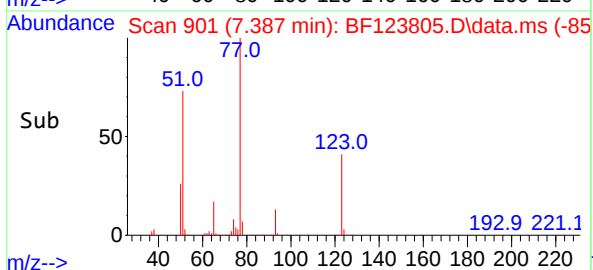
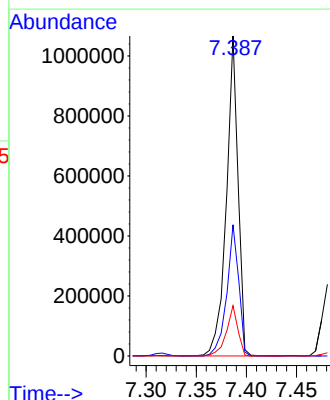
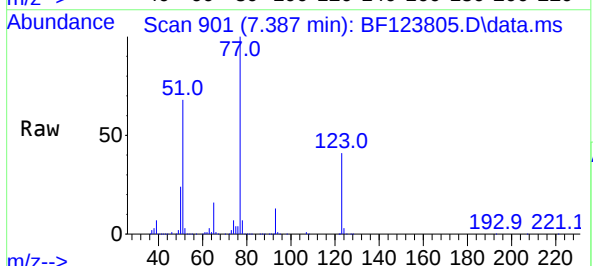
mohammad
5/5/2021 11:25:02 AM

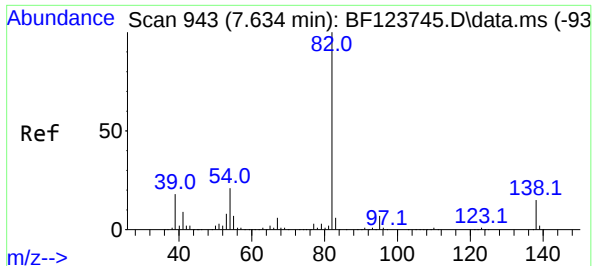


#24
Nitrobenzene
Concen: 37.89 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 77 Resp: 864841

Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.5	51.7
65	15.7	12.2	18.2





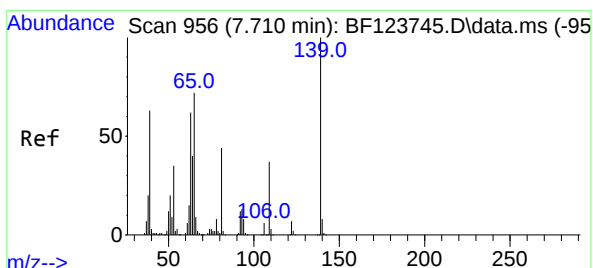
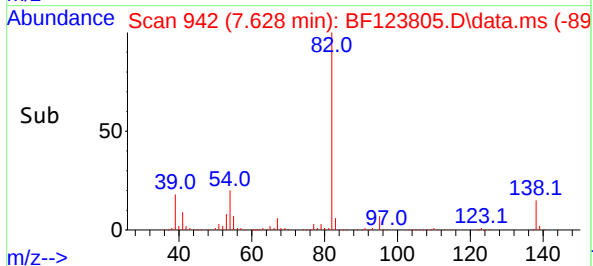
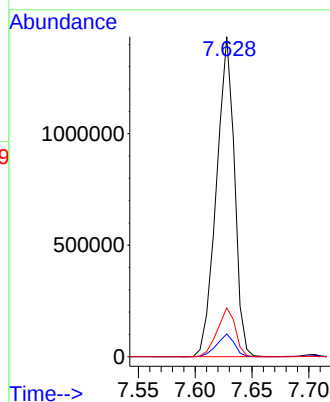
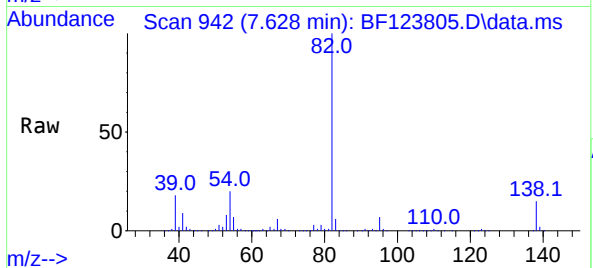
#25
Isophorone
Concen: 38.57 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 82 Resp: 1584853
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 15.3 11.8 17.8

Instrument :
BNA_F
ClientSampleId :
PB136145BS

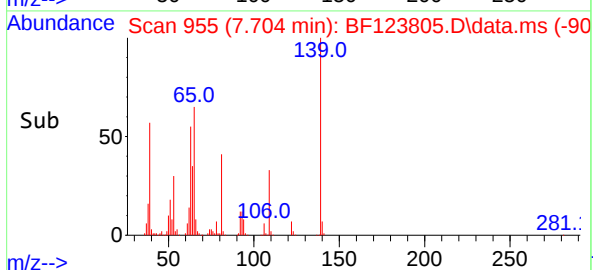
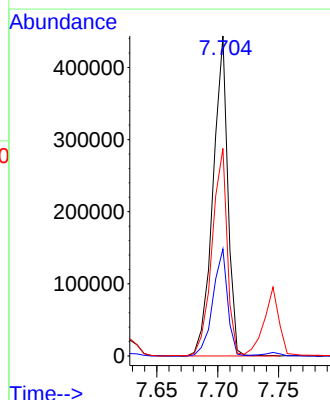
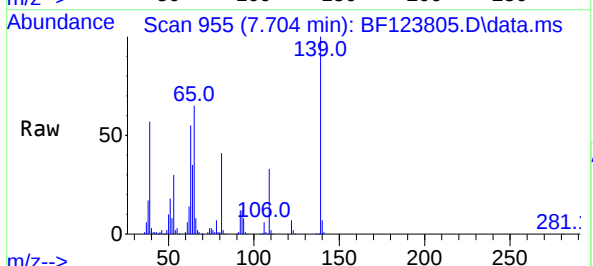
Manual Integrations
APPROVED

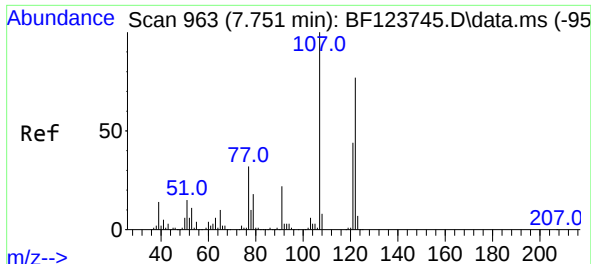
mohammad
5/5/2021 11:25:02 AM



#26
2-Nitrophenol
Concen: 40.45 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

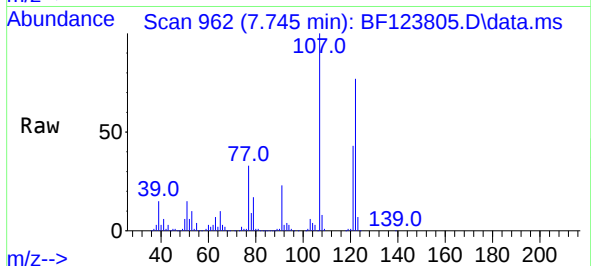
Tgt Ion:139 Resp: 376822
Ion Ratio Lower Upper
139 100
109 33.5 28.6 43.0
65 64.9 56.8 85.2





#27
2,4-Dimethylphenol
Concen: 44.64 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

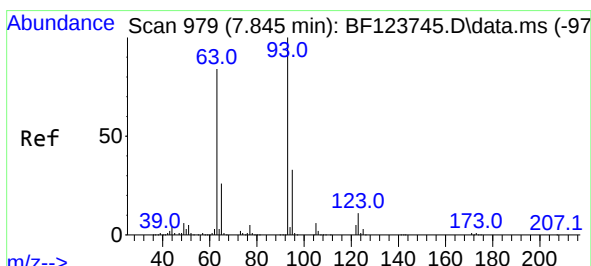
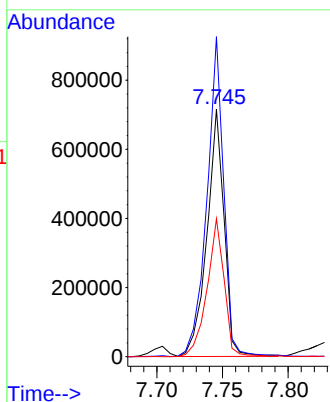
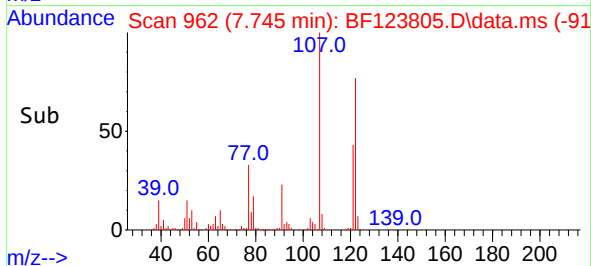
Instrument :
BNA_F
ClientSampleId :
PB136145BS



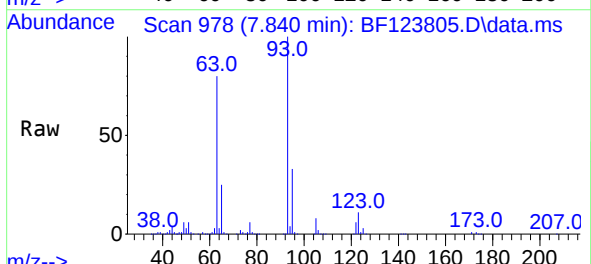
Tgt Ion:122 Resp: 653274
Ion Ratio Lower Upper
122 100
107 129.3 106.3 159.5
121 55.7 45.4 68.0

Manual Integrations
APPROVED

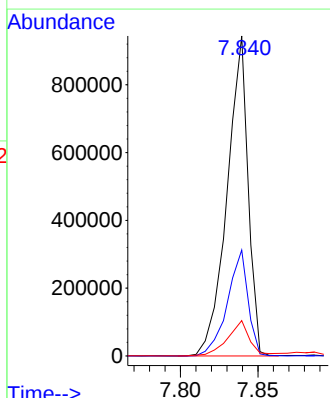
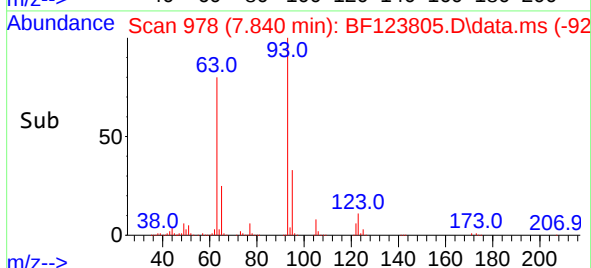
mohammad
5/5/2021 11:25:02 AM

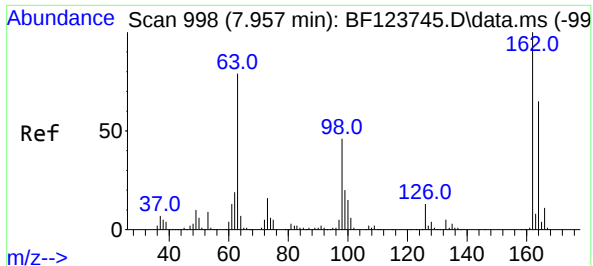


#28
bis(2-Chloroethoxy)methane
Concen: 42.46 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion: 93 Resp: 889050
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.0 8.4 12.6





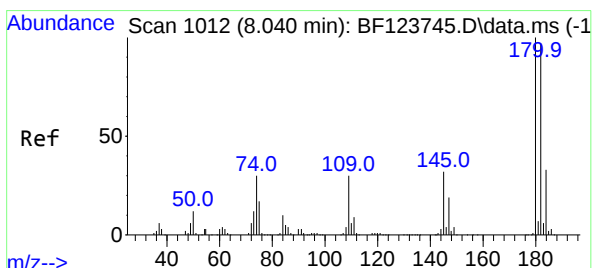
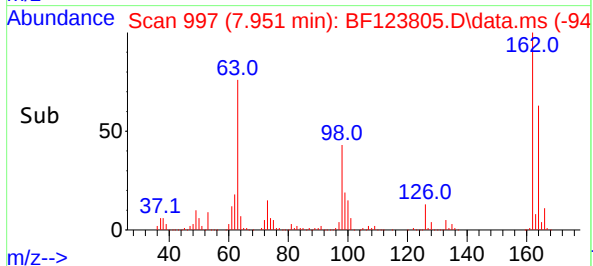
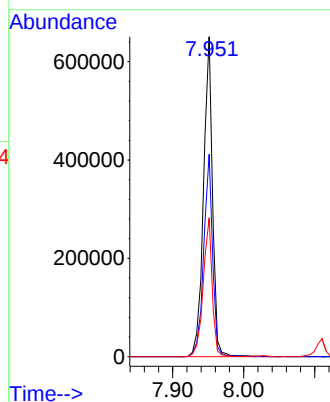
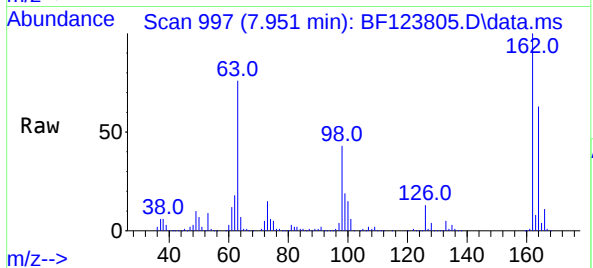
#29
2,4-Dichlorophenol
Concen: 39.96 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:162 Resp: 576278
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 43.4 27.3 67.3

Instrument :
BNA_F
ClientSampleId :
PB136145BS

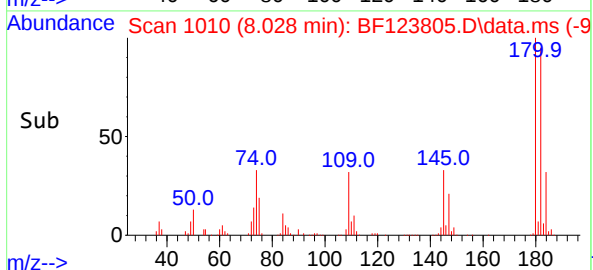
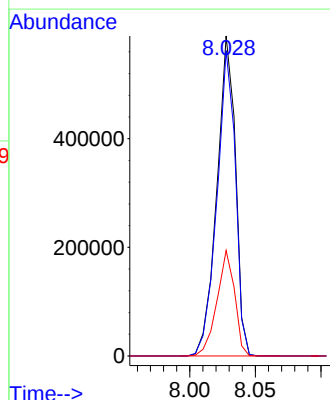
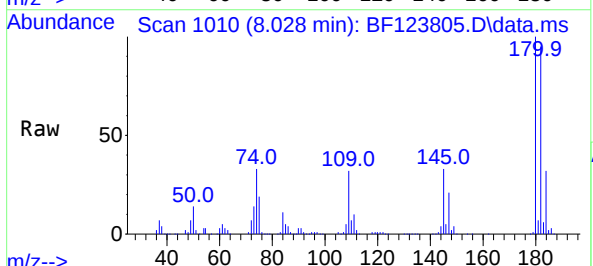
Manual Integrations
APPROVED

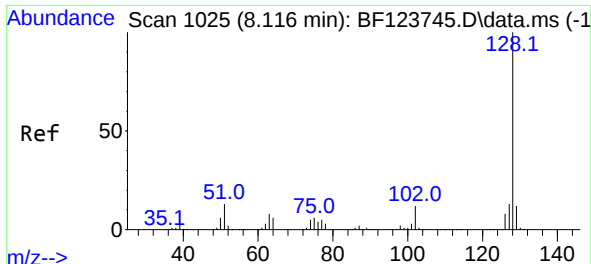
mohammad
5/5/2021 11:25:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.35 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:180 Resp: 579653
Ion Ratio Lower Upper
180 100
182 95.4 77.2 115.8
145 33.0 26.0 39.0





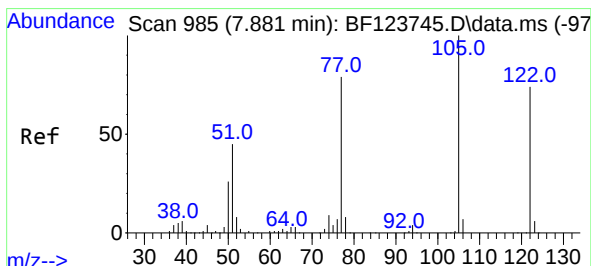
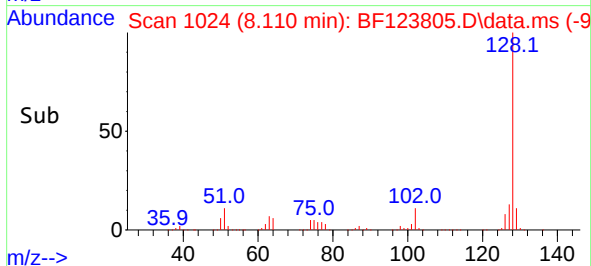
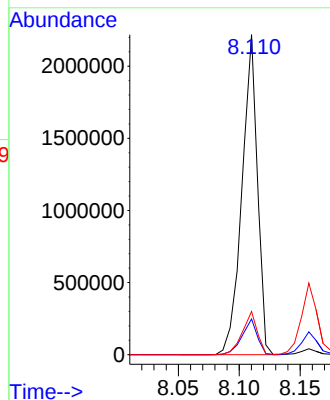
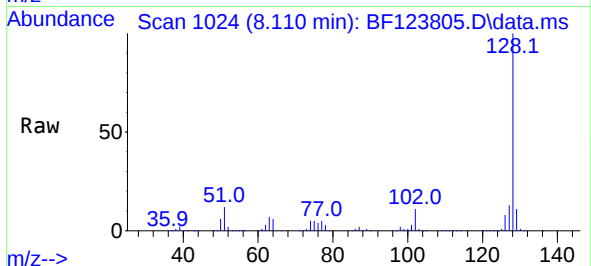
#31
Naphthalene
Concen: 38.49 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:128 Resp: 1960831
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.8 16.2

Instrument :
BNA_F
ClientSampled :
PB136145BS

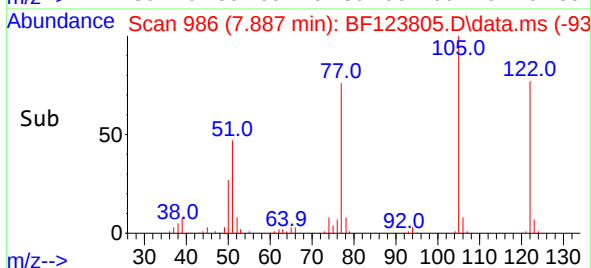
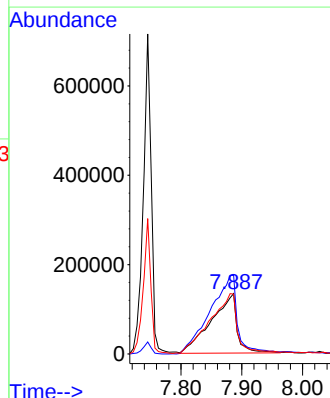
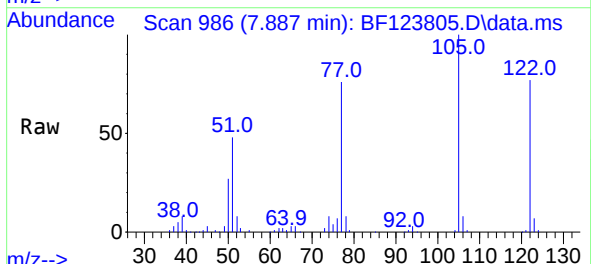
Manual Integrations
APPROVED

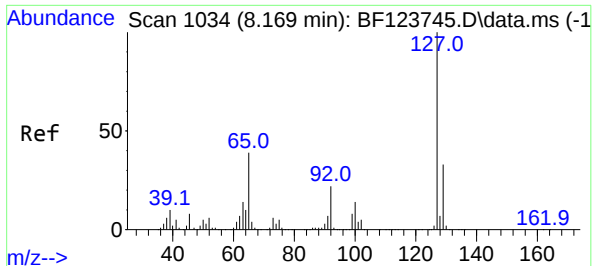
mohammad
5/5/2021 11:25:02 AM



#32
Benzoic acid
Concen: 40.40 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:122 Resp: 396259
Ion Ratio Lower Upper
122 100
105 130.0 107.8 147.8
77 99.0 81.6 121.6





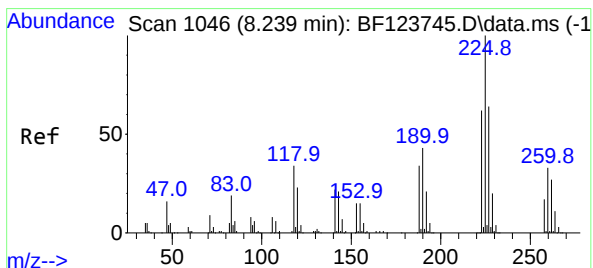
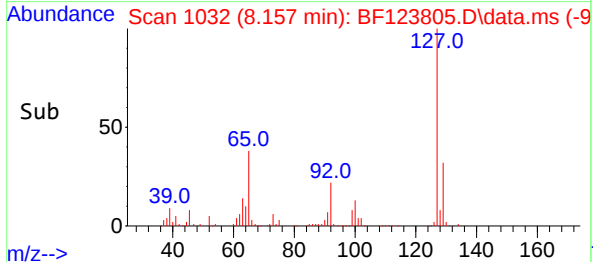
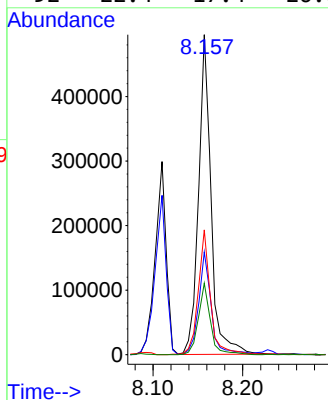
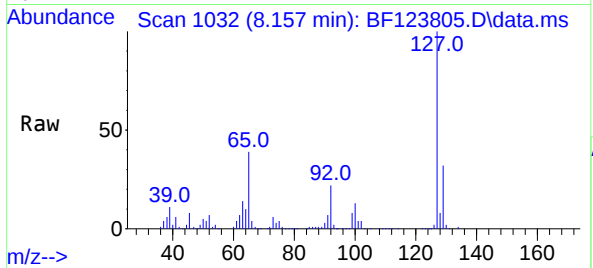
#33
4-Chloroaniline
Concen: 22.59 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:	127	Resp:	480250
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	39.0	34.5	51.7
92	22.4	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
PB136145BS

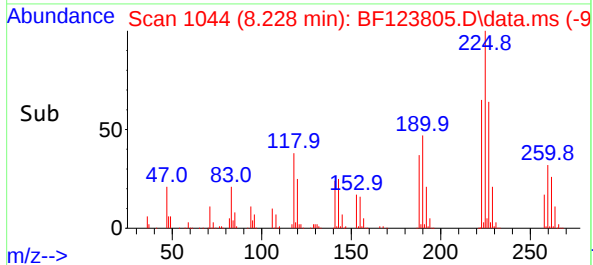
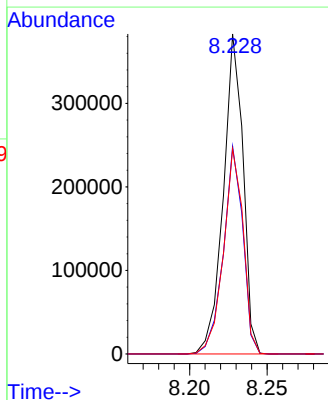
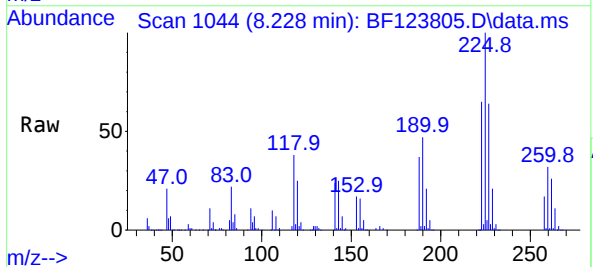
Manual Integrations
APPROVED

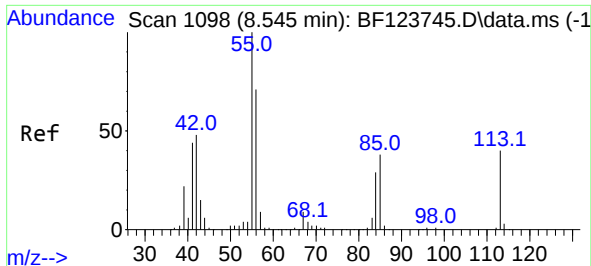
mohammad
5/5/2021 11:25:02 AM



#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:	225	Resp:	338513
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.4	75.6
227	64.1	51.4	77.0





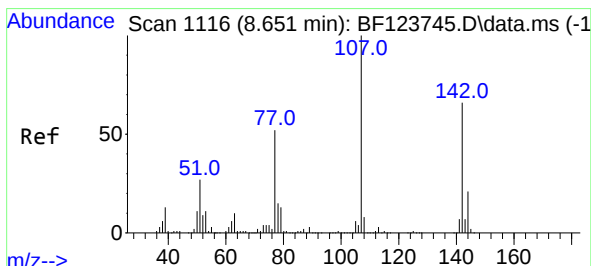
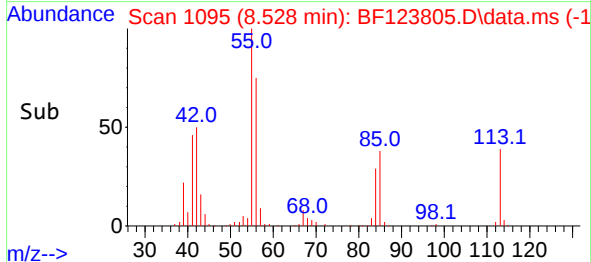
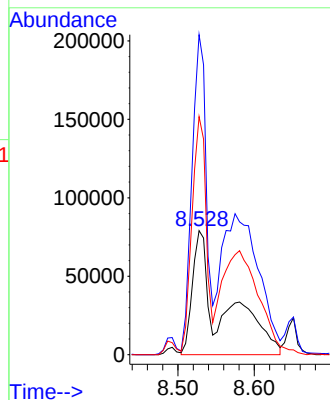
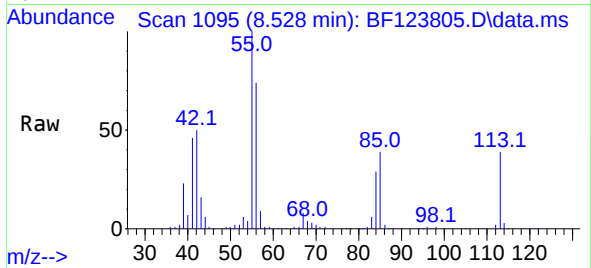
#35
Caprolactam
Concen: 43.13 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:113 Resp: 218378
Ion Ratio Lower Upper
113 100
55 258.0 254.9 294.9
56 192.0 179.4 219.4

Instrument :
BNA_F
ClientSampled :
PB136145BS

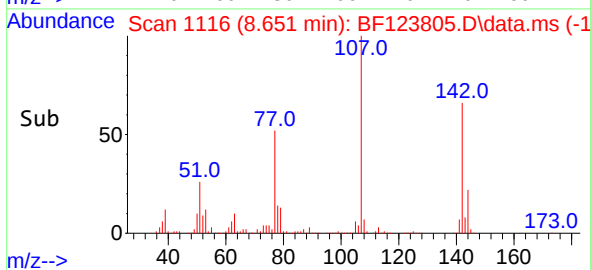
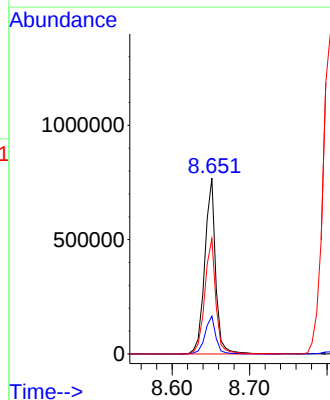
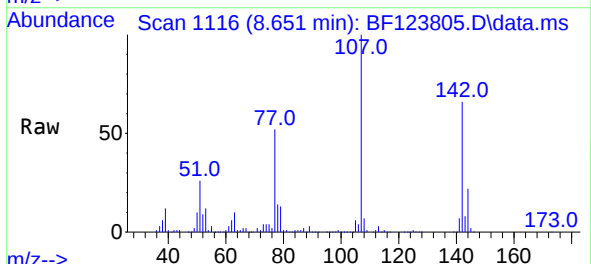
Manual Integrations
APPROVED

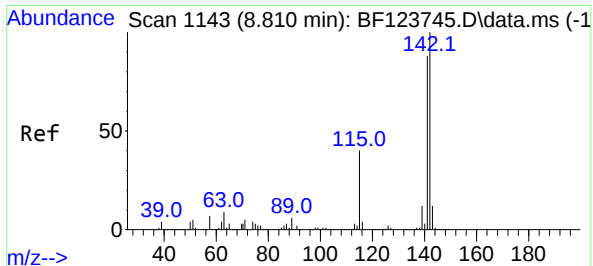
mohammad
5/5/2021 11:25:02 AM



#36
4-Chloro-3-methylphenol
Concen: 41.57 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:107 Resp: 748082
Ion Ratio Lower Upper
107 100
144 21.6 16.3 24.5
142 65.6 50.1 75.1





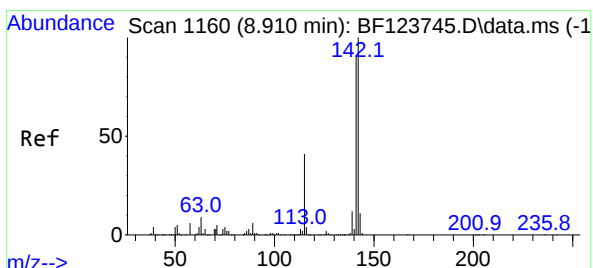
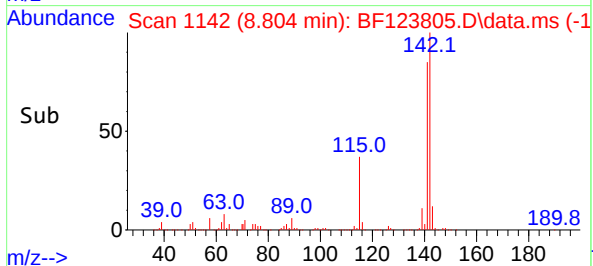
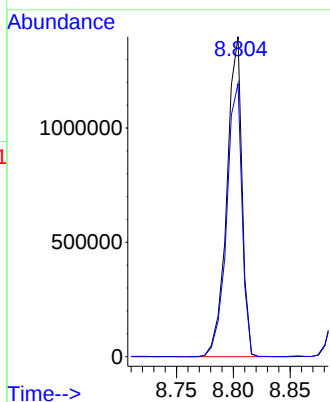
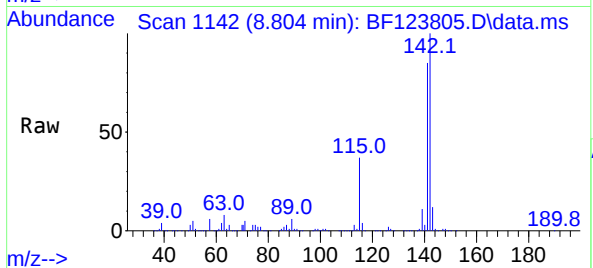
#37
2-Methylnaphthalene
Concen: 39.08 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Tgt Ion:142 Resp: 1297353
Ion Ratio Lower Upper
142 100
141 85.3 71.8 107.6

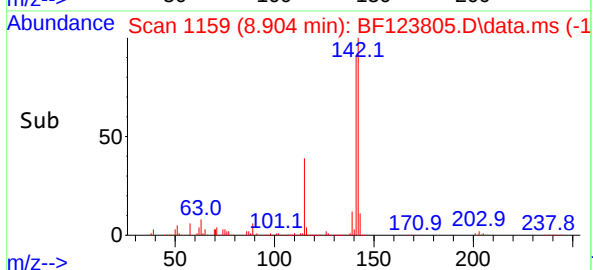
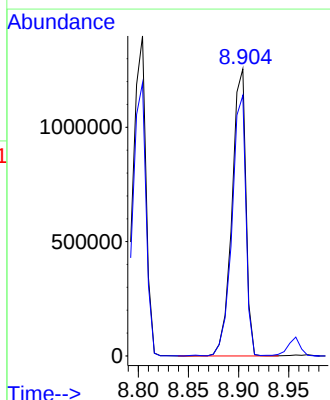
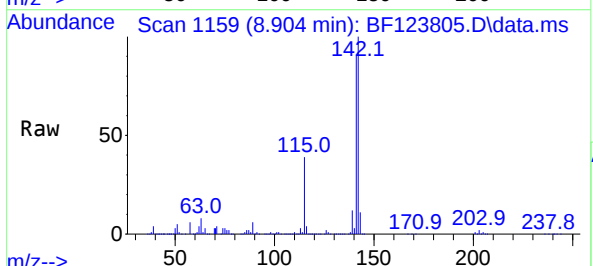
Manual Integrations
APPROVED

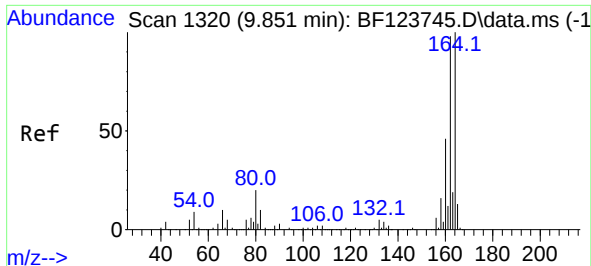
mohammad
5/5/2021 11:25:02 AM



#38
1-Methylnaphthalene
Concen: 38.79 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

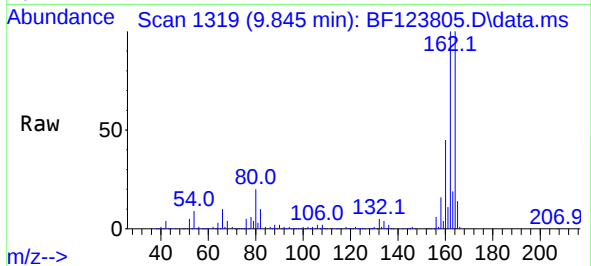
Tgt Ion:142 Resp: 1210337
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

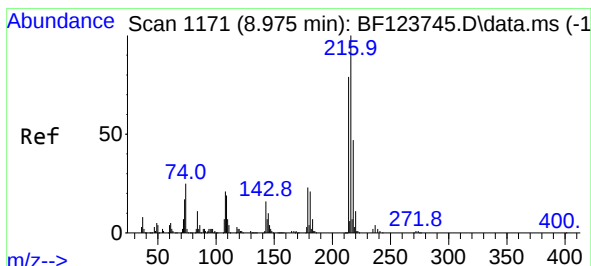
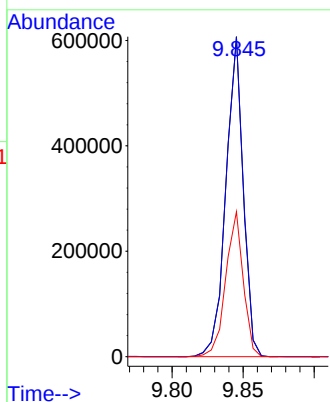
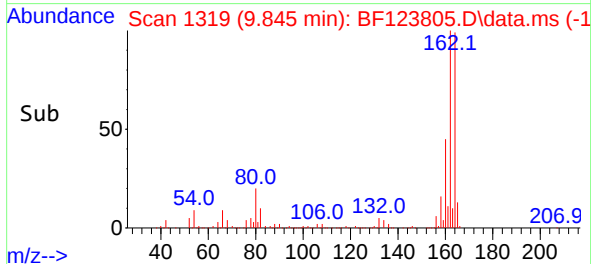
Instrument :
BNA_F
ClientSampleId :
PB136145BS



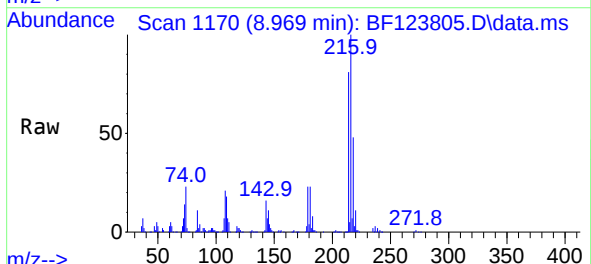
Tgt Ion:164 Resp: 513054
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 45.3 37.3 55.9

Manual Integrations
APPROVED

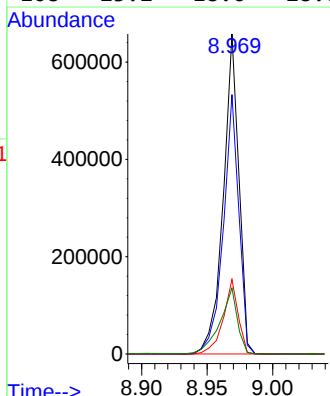
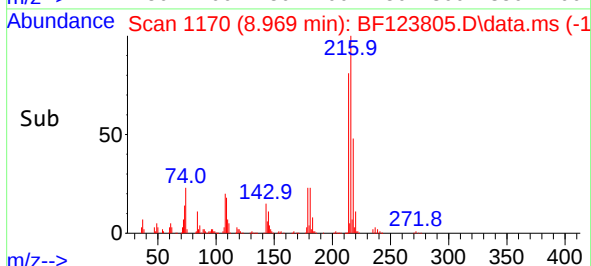
mohammad
5/5/2021 11:25:02 AM

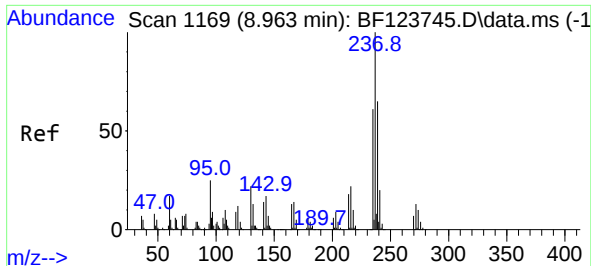


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.92 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion:216 Resp: 542425
Ion Ratio Lower Upper
216 100
214 80.4 63.8 95.8
179 22.3 17.9 26.9
108 23.2 18.6 28.0





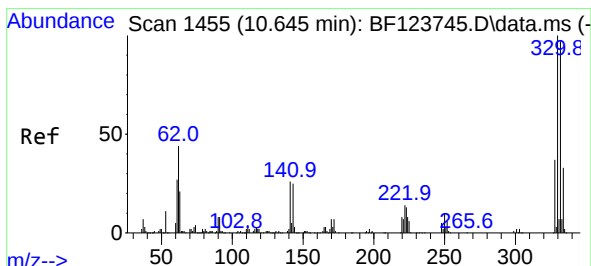
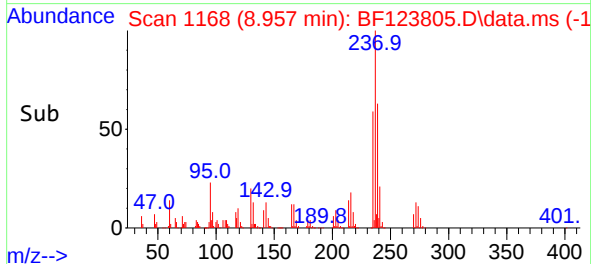
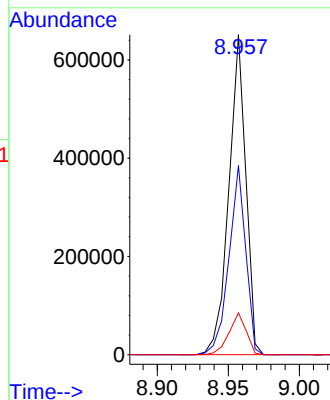
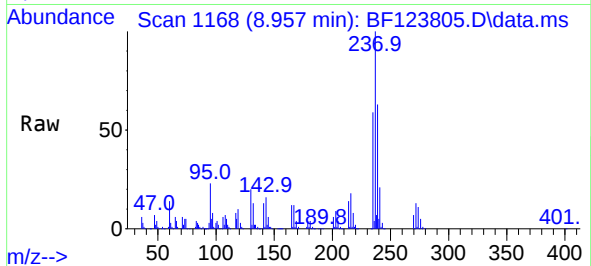
#41
Hexachlorocyclopentadiene
Concen: 82.62 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 237 Resp: 540476
Ion Ratio Lower Upper
237 100
235 59.1 38.8 78.8
272 13.1 0.0 32.4

Instrument :
BNA_F
ClientSampleId :
PB136145BS

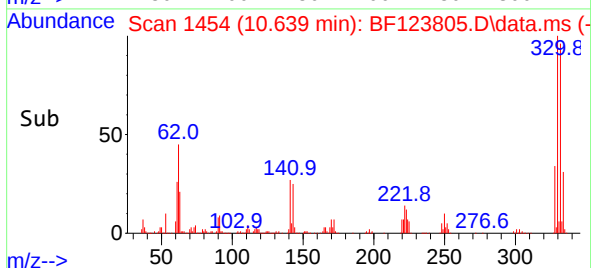
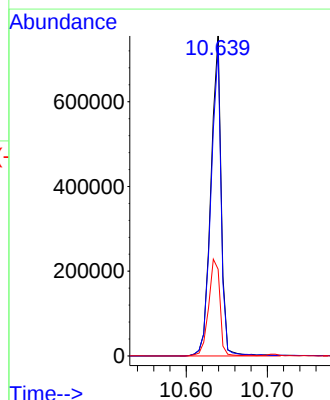
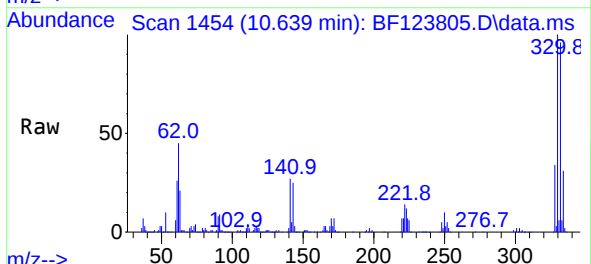
Manual Integrations
APPROVED

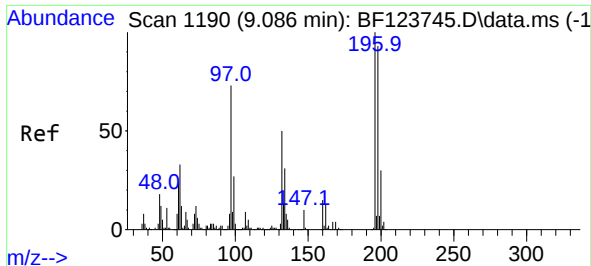
mohammad
5/5/2021 11:25:02 AM



#42
2,4,6-Tribromophenol
Concen: 103.99 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 330 Resp: 664169
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.0 27.9 41.9





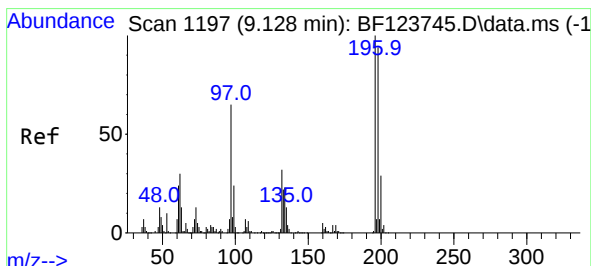
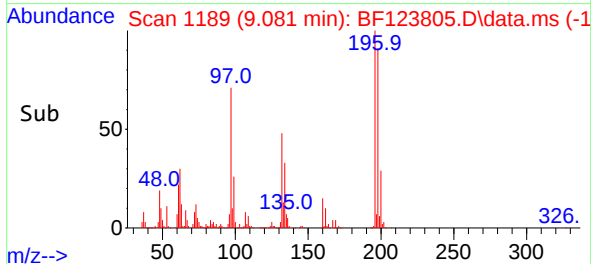
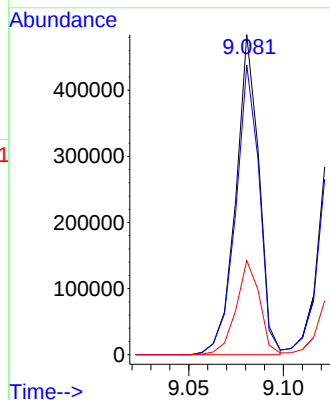
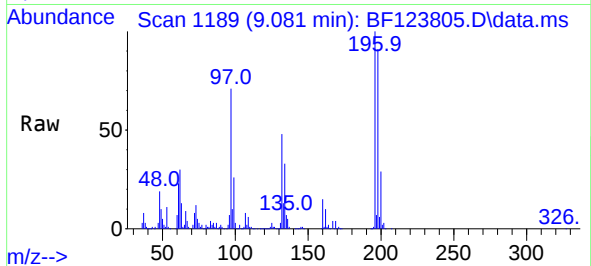
#43
2,4,6-Trichlorophenol
Concen: 39.48 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:196 Resp: 410615
Ion Ratio Lower Upper
196 100
198 90.5 78.2 117.2
200 29.4 25.0 37.6

Instrument :
BNA_F
ClientSampleId :
PB136145BS

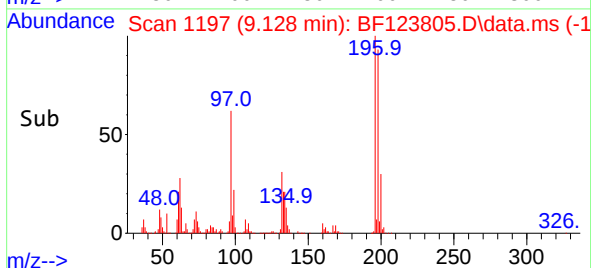
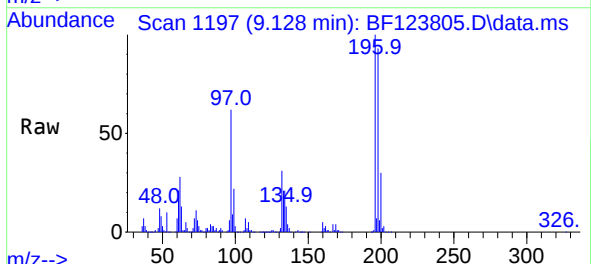
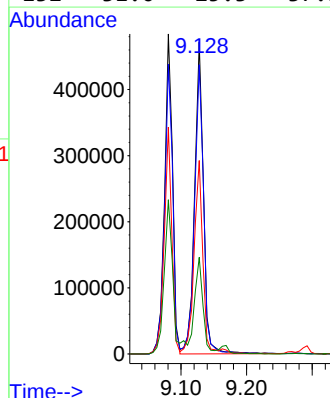
Manual Integrations
APPROVED

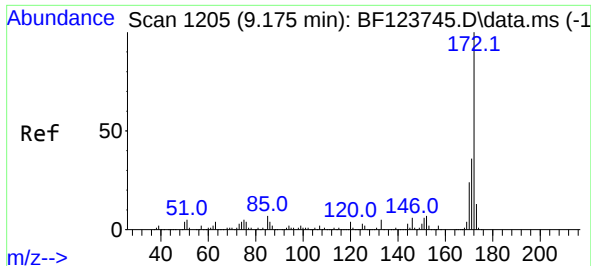
mohammad
5/5/2021 11:25:02 AM



#44
2,4,5-Trichlorophenol
Concen: 39.93 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:196 Resp: 445520
Ion Ratio Lower Upper
196 100
198 92.7 76.5 114.7
97 62.0 52.9 79.3
132 31.0 25.3 37.9





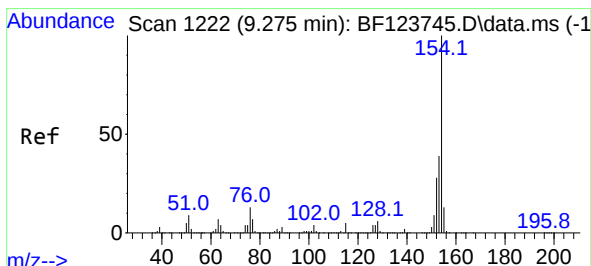
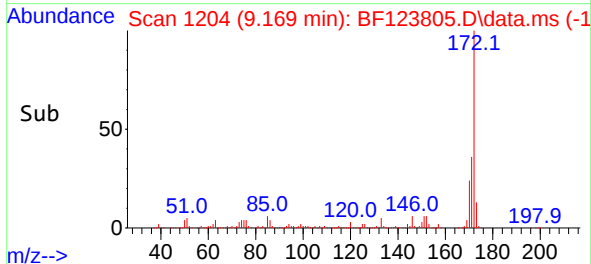
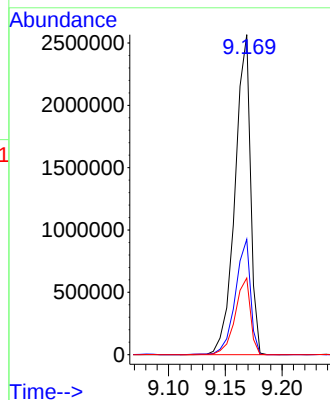
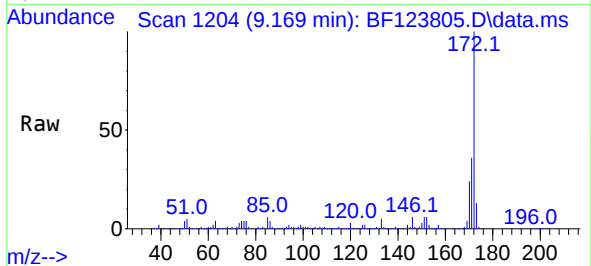
#45
2-Fluorobiphenyl
Concen: 68.86 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampled :
PB136145BS

Tgt Ion:172 Resp: 2426052
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.0 19.2 28.8

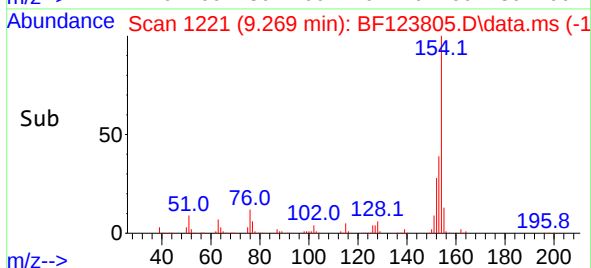
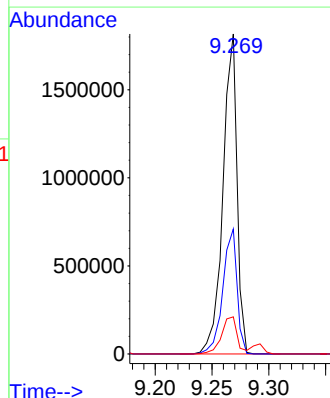
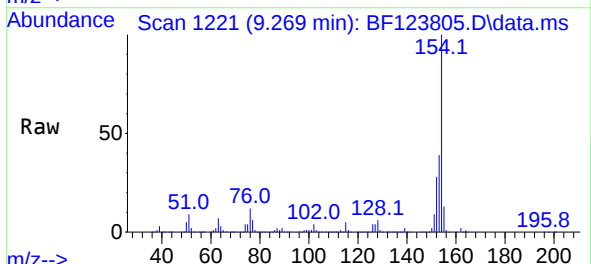
Manual Integrations
APPROVED

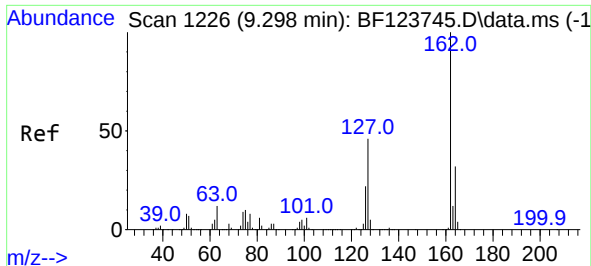
mohammad
5/5/2021 11:25:02 AM



#46
1,1'-Biphenyl
Concen: 37.31 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:154 Resp: 1568041
Ion Ratio Lower Upper
154 100
153 39.1 20.7 60.7
76 11.6 0.0 31.7





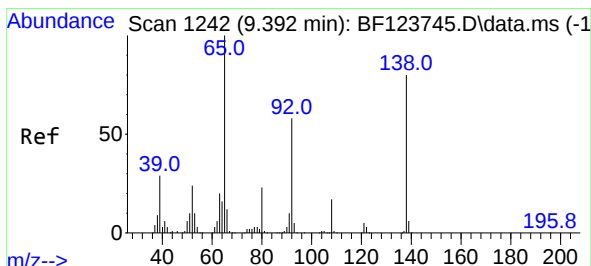
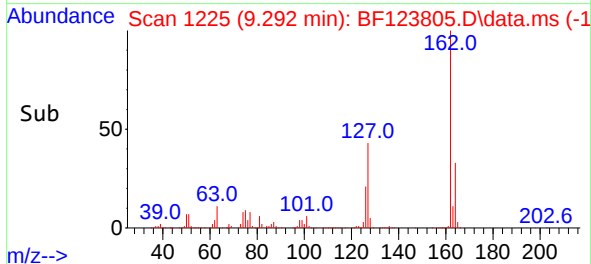
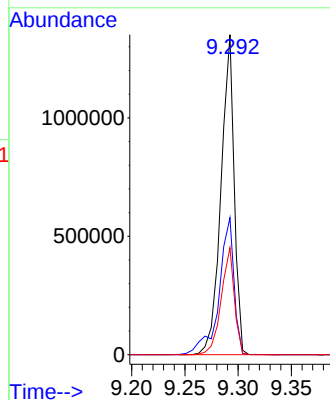
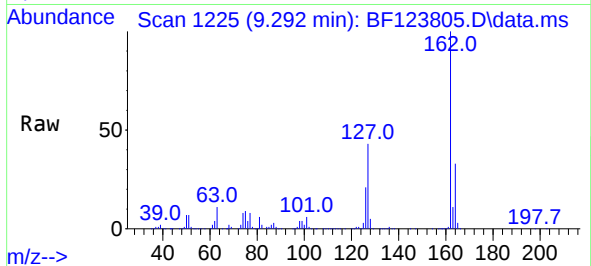
#47
2-Chloronaphthalene
Concen: 36.77 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampled :
PB136145BS

Tgt Ion:162 Resp: 1165228
Ion Ratio Lower Upper
162 100
127 42.8 36.2 54.2
164 33.5 25.4 38.2

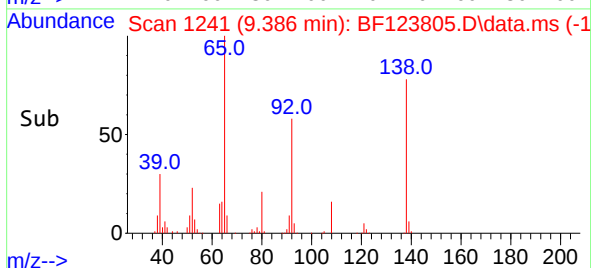
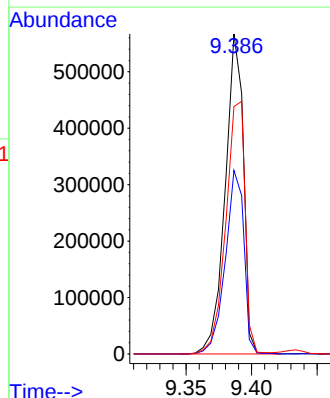
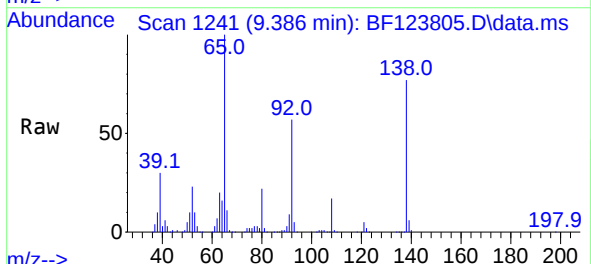
Manual Integrations
APPROVED

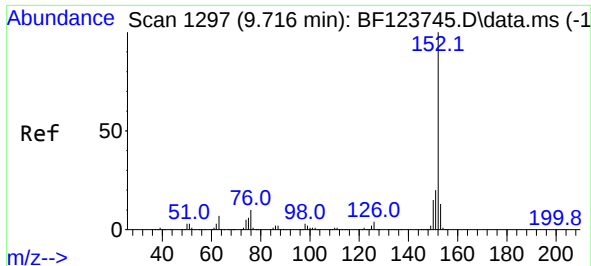
mohammad
5/5/2021 11:25:02 AM



#48
2-Nitroaniline
Concen: 39.16 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 65 Resp: 546721
Ion Ratio Lower Upper
65 100
92 57.3 47.1 70.7
138 77.3 70.2 105.2





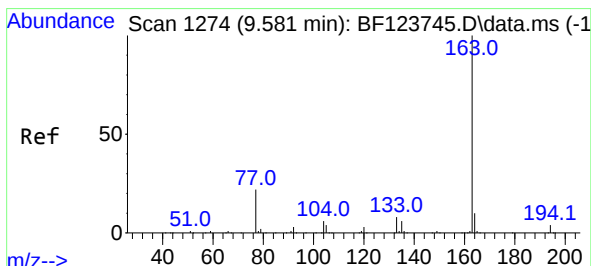
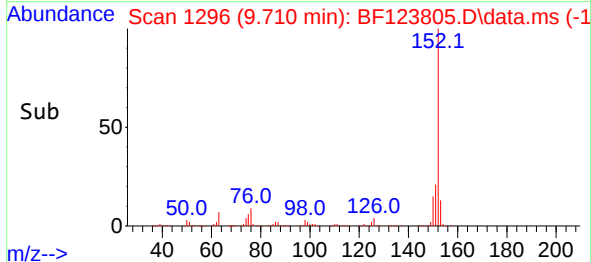
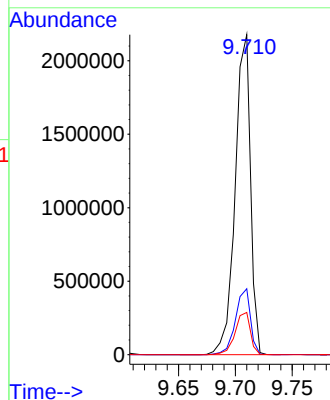
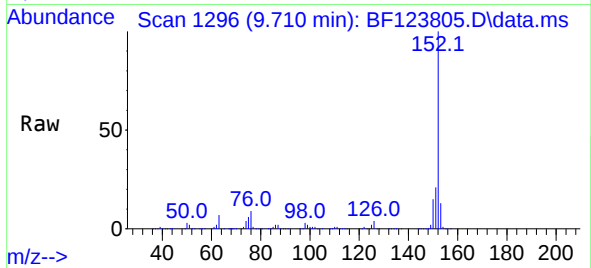
#49
Acenaphthylene
Concen: 39.88 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Tgt Ion:152 Resp: 2040031
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.2 10.4 15.6

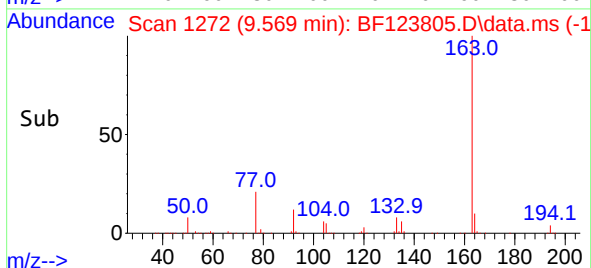
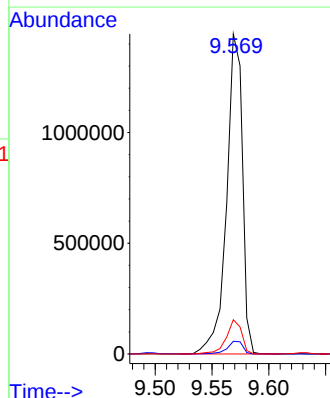
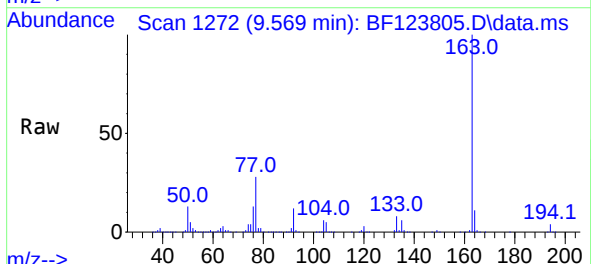
Manual Integrations
APPROVED

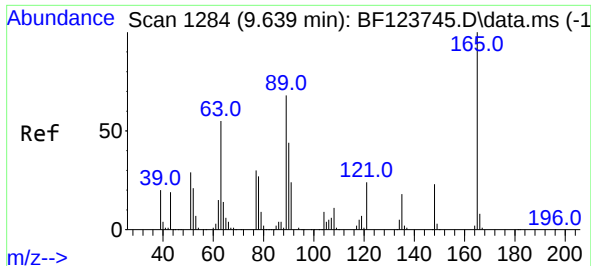
mohammad
5/5/2021 11:25:02 AM



#50
Dimethylphthalate
Concen: 38.81 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:163 Resp: 1402495
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.2 12.2





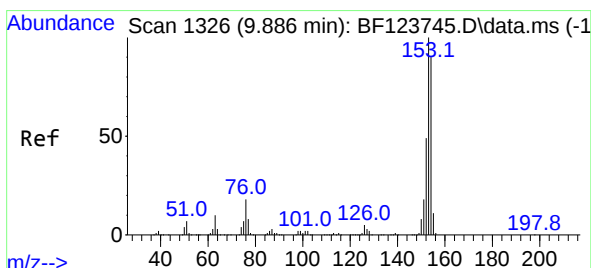
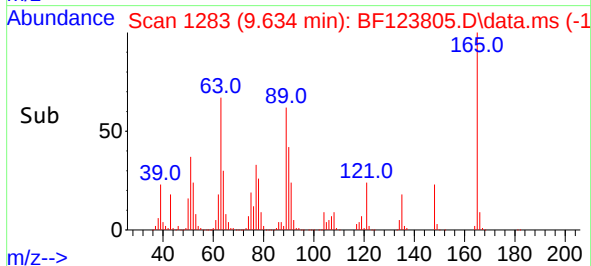
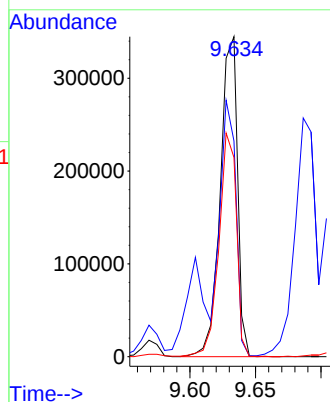
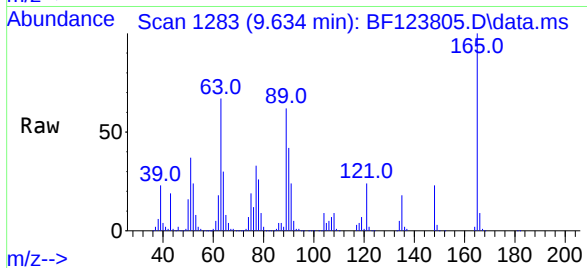
#51
2,6-Dinitrotoluene
Concen: 37.67 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:165 Resp: 314704
Ion Ratio Lower Upper
165 100
63 67.4 67.7 101.5#
89 62.3 58.8 88.2

Instrument :
BNA_F
ClientSampled :
PB136145BS

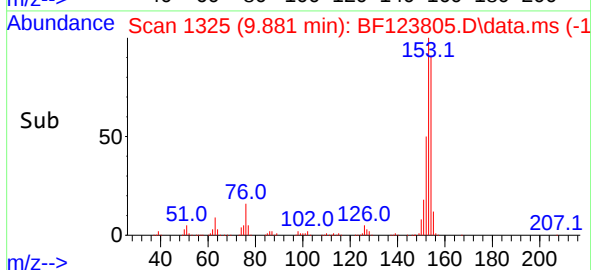
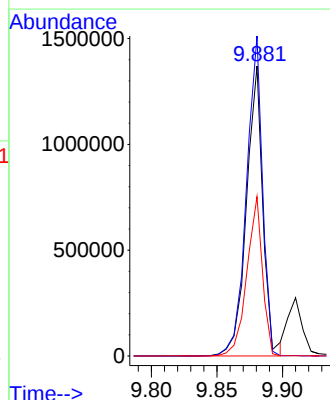
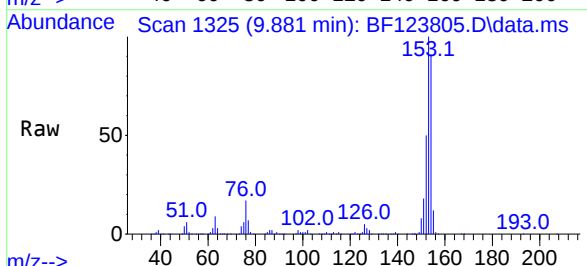
Manual Integrations
APPROVED

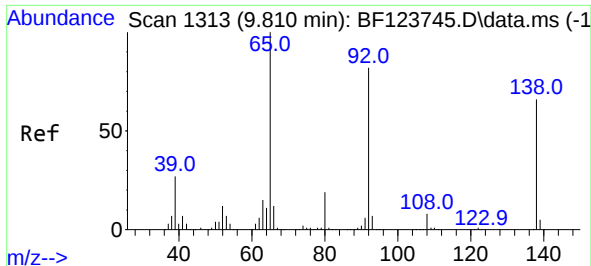
mohammad
5/5/2021 11:25:02 AM



#52
Acenaphthene
Concen: 38.41 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:154 Resp: 1197286
Ion Ratio Lower Upper
154 100
153 110.3 88.1 132.1
152 54.9 43.4 65.0





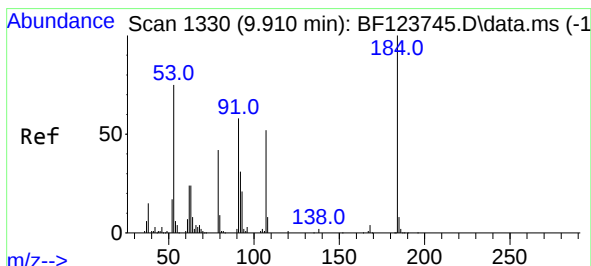
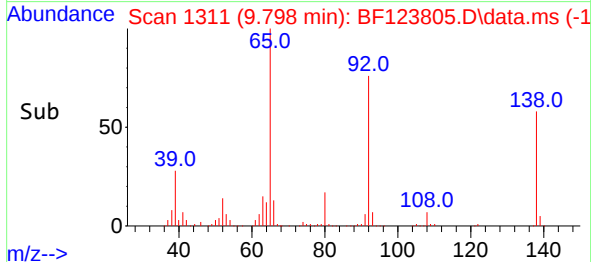
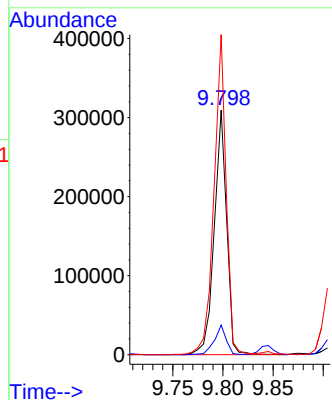
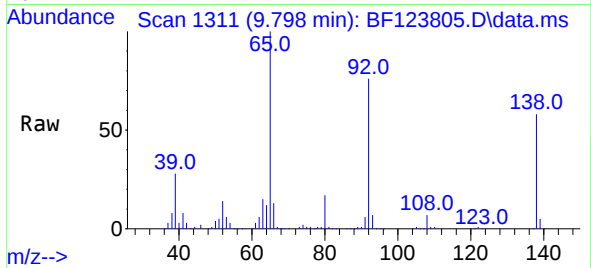
#53
3-Nitroaniline
Concen: 26.55 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:138 Resp: 264954
Ion Ratio Lower Upper
138 100
108 12.1 10.2 15.4
92 130.9 103.3 154.9

Instrument :
BNA_F
ClientSampled :
PB136145BS

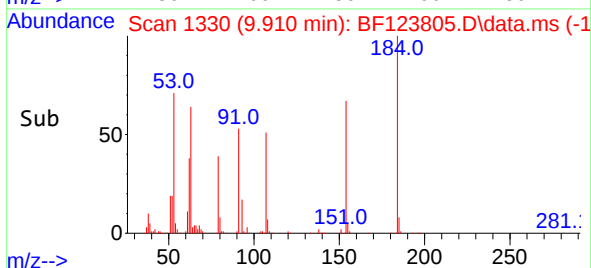
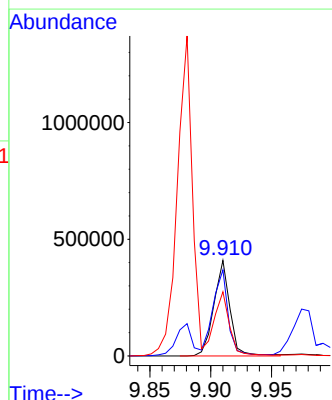
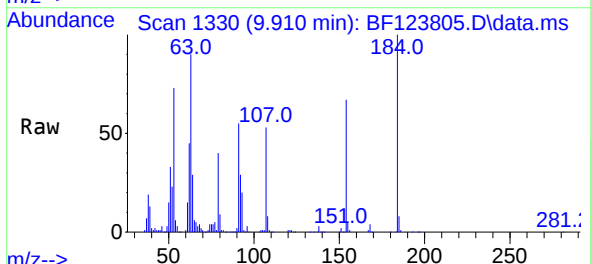
Manual Integrations
APPROVED

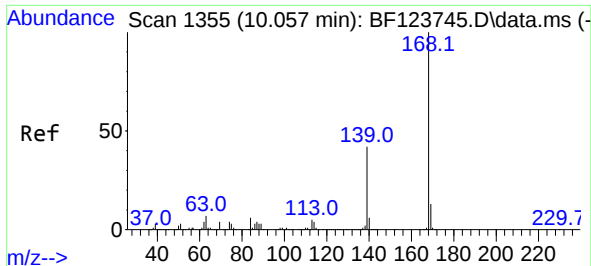
mohammad
5/5/2021 11:25:02 AM



#54
2,4-Dinitrophenol
Concen: 84.84 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

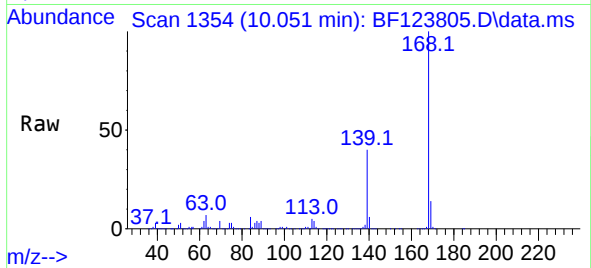
Tgt Ion:184 Resp: 376442
Ion Ratio Lower Upper
184 100
63 90.1 73.5 110.3
154 67.2 52.5 78.7





#55
Dibenzofuran
Concen: 36.56 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

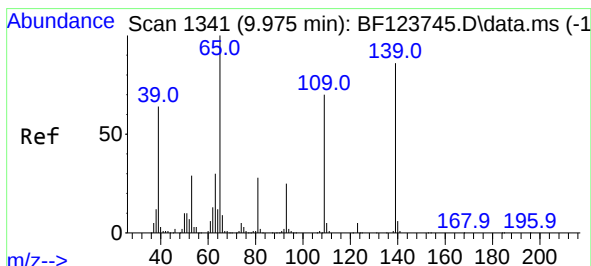
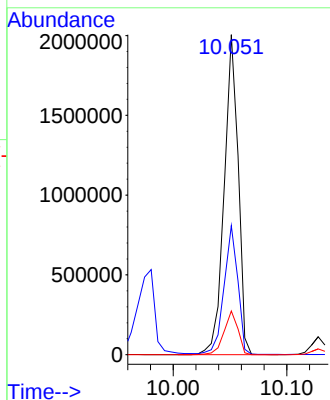
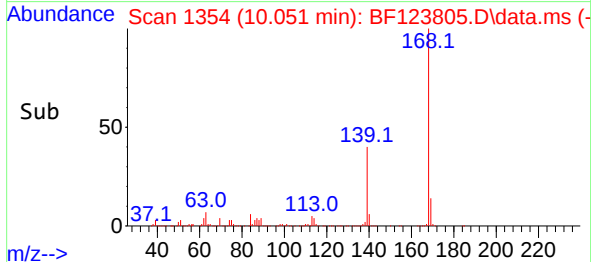
Instrument :
BNA_F
ClientSampleId :
PB136145BS



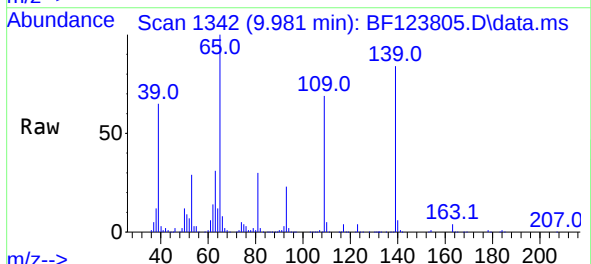
Tgt Ion:168 Resp: 1723561
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 13.7 10.8 16.2

Manual Integrations
APPROVED

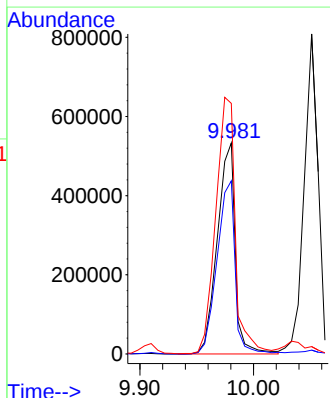
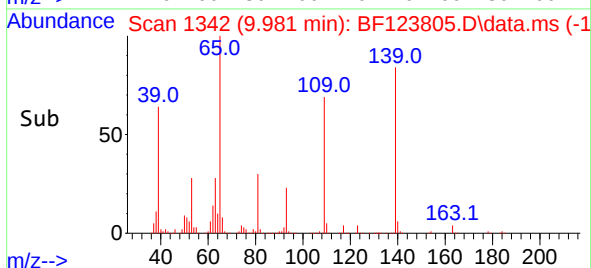
mohammad
5/5/2021 11:25:02 AM

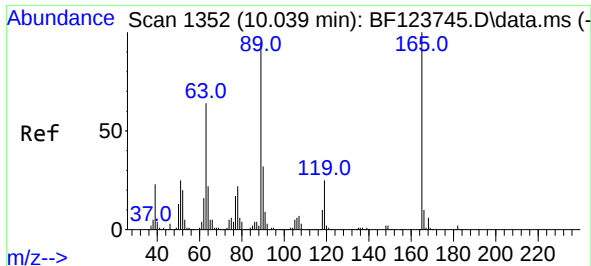


#56
4-Nitrophenol
Concen: 80.64 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion:139 Resp: 586075
Ion Ratio Lower Upper
139 100
109 82.0 63.2 103.2
65 118.7 110.0 150.0





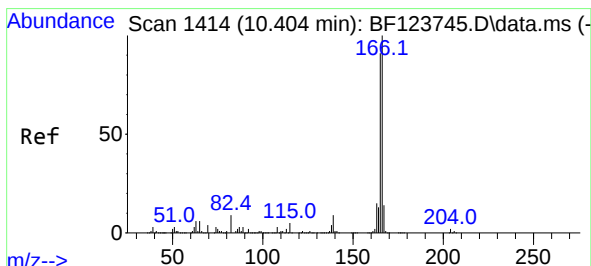
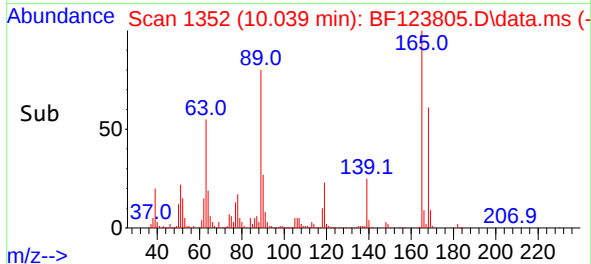
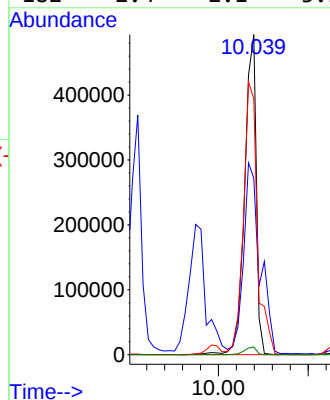
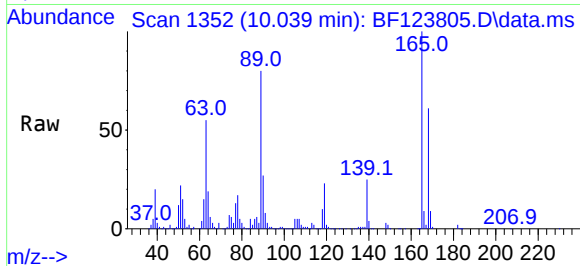
#57
2,4-Dinitrotoluene
Concen: 39.00 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:165 Resp: 444183
Ion Ratio Lower Upper
165 100
63 55.1 43.5 65.3
89 80.0 67.7 101.5
182 2.4 2.1 3.1

Instrument :
BNA_F
ClientSampleId :
PB136145BS

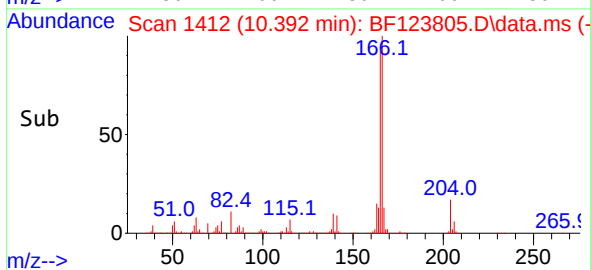
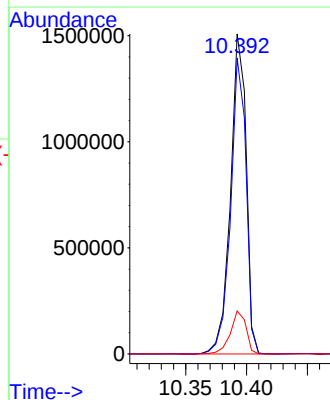
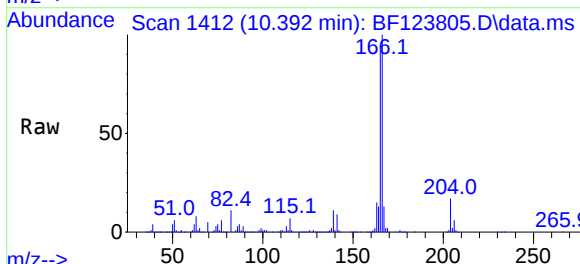
Manual Integrations
APPROVED

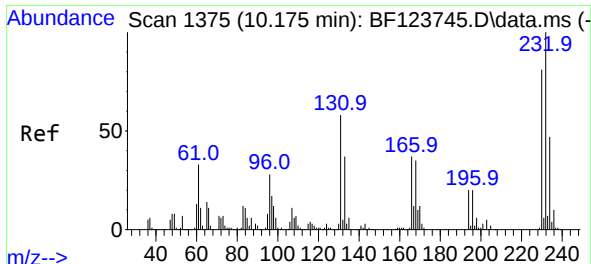
mohammad
5/5/2021 11:25:02 AM



#58
Fluorene
Concen: 37.26 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:166 Resp: 1349807
Ion Ratio Lower Upper
166 100
165 92.4 73.5 110.3
167 13.5 10.7 16.1





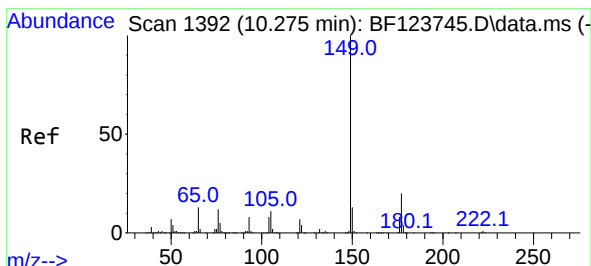
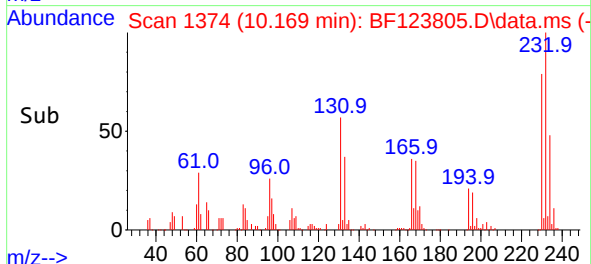
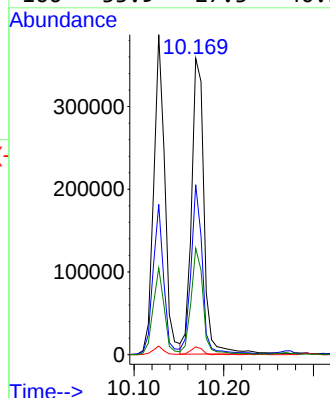
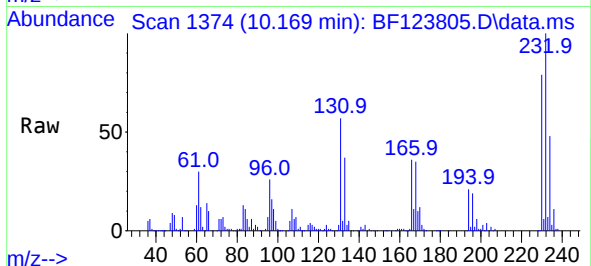
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.24 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:232 Resp: 346653
Ion Ratio Lower Upper
232 100
131 51.3 43.2 64.8
130 2.3 2.2 3.2
166 33.9 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
PB136145BS

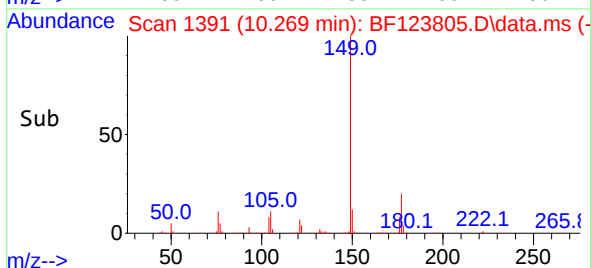
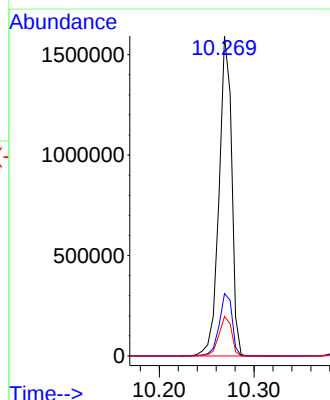
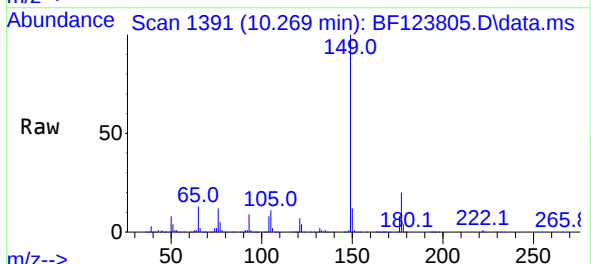
Manual Integrations
APPROVED

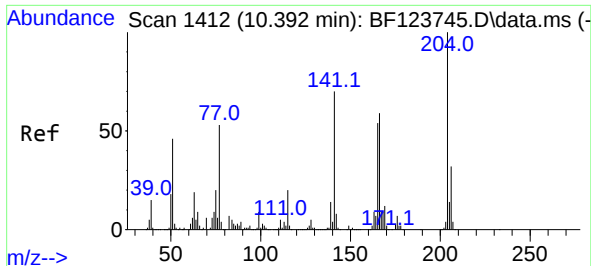
mohammad
5/5/2021 11:25:02 AM



#60
Diethylphthalate
Concen: 38.32 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

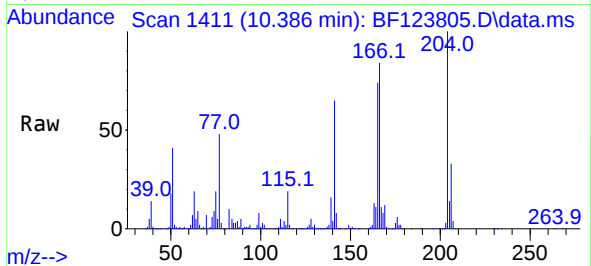
Tgt Ion:149 Resp: 1473759
Ion Ratio Lower Upper
149 100
177 19.5 15.4 23.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 36.88 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

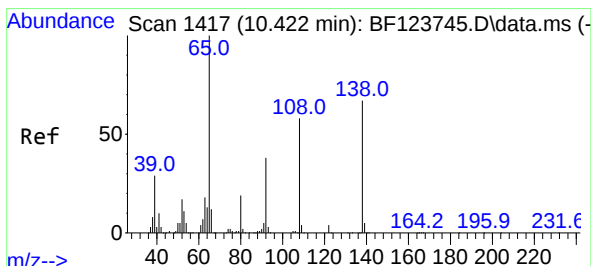
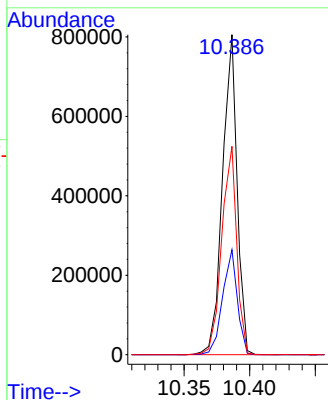
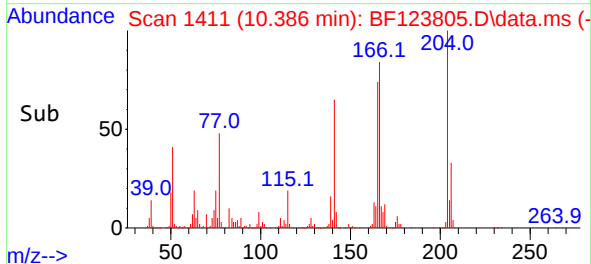
Instrument :
BNA_F
ClientSampled :
PB136145BS



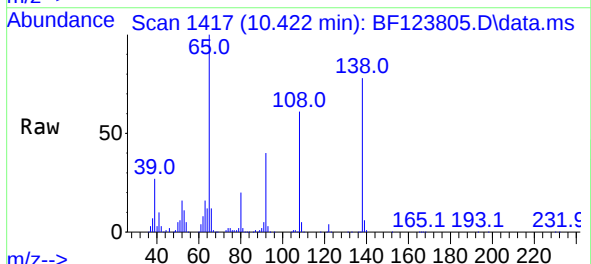
Tgt Ion:204 Resp: 622700
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 65.1 55.5 83.3

Manual Integrations
APPROVED

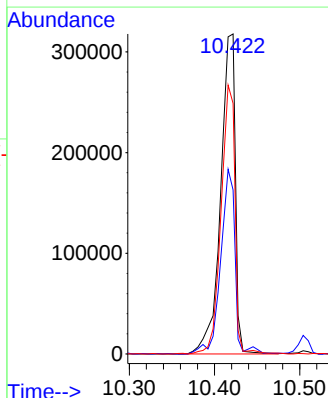
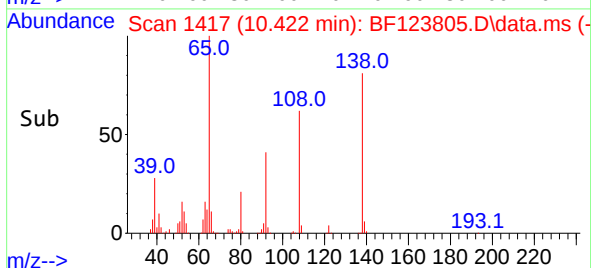
mohammad
5/5/2021 11:25:02 AM

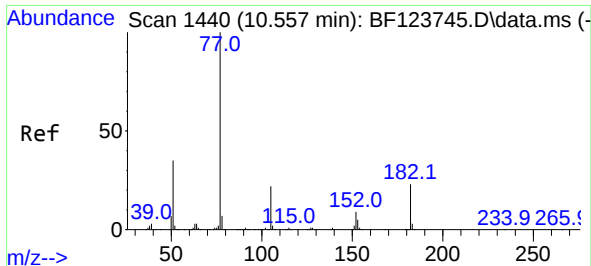


#62
4-Nitroaniline
Concen: 38.71 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



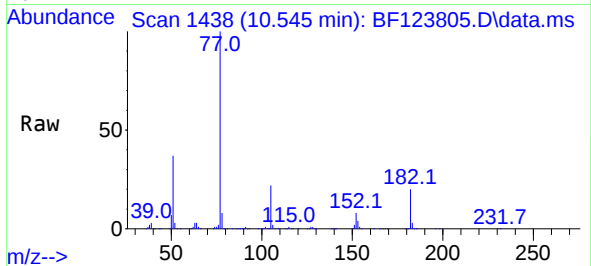
Tgt Ion:138 Resp: 382707
Ion Ratio Lower Upper
138 100
92 51.2 35.8 75.8
108 78.3 63.6 103.6





#63
Azobenzene
Concen: 36.53 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

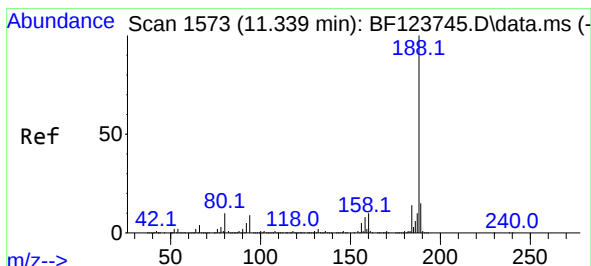
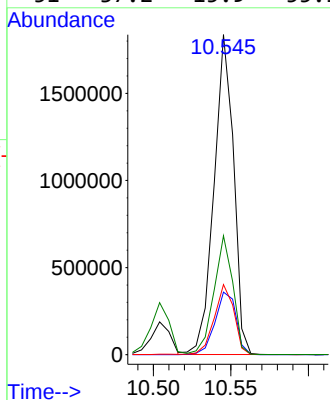
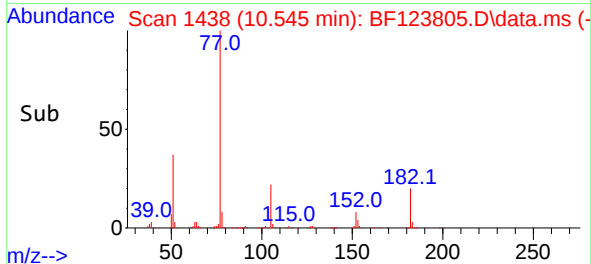
Instrument :
BNA_F
ClientSampleId :
PB136145BS



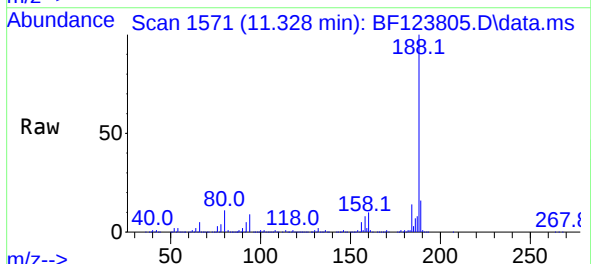
Tgt Ion: 77 Resp: 1615140
Ion Ratio Lower Upper
77 100
182 19.5 1.7 41.7
105 21.9 1.7 41.7
51 37.2 15.9 55.9

Manual Integrations
APPROVED

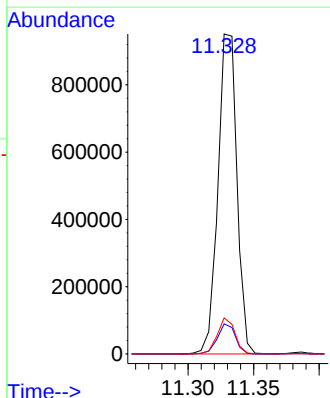
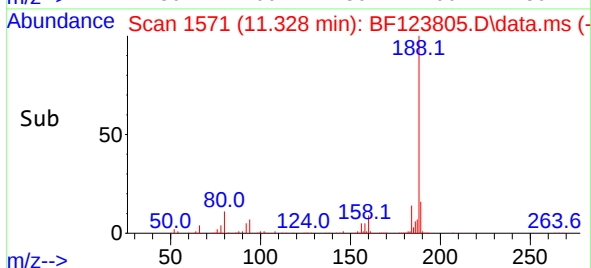
mohammad
5/5/2021 11:25:02 AM

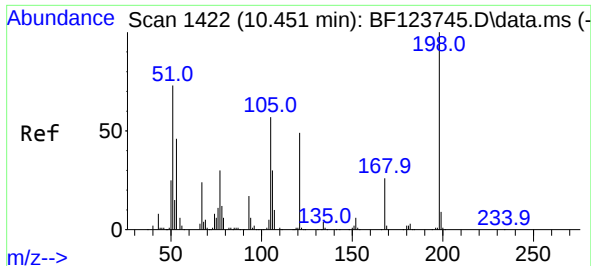


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

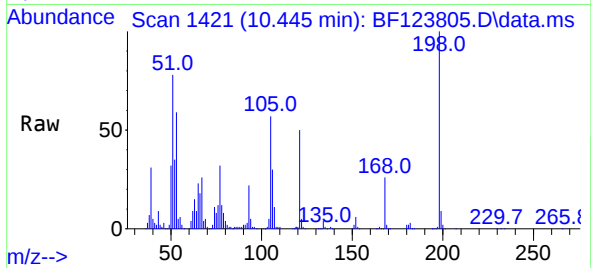


Tgt Ion: 188 Resp: 956118
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.3 8.2 12.2

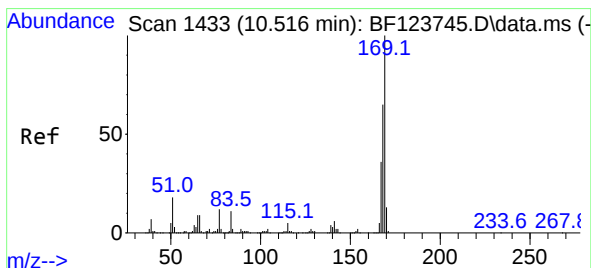
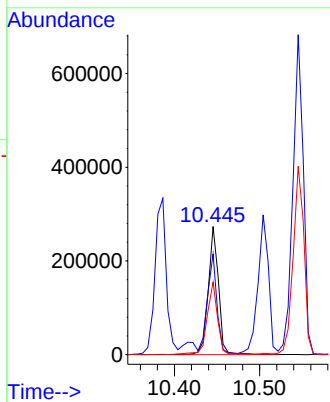
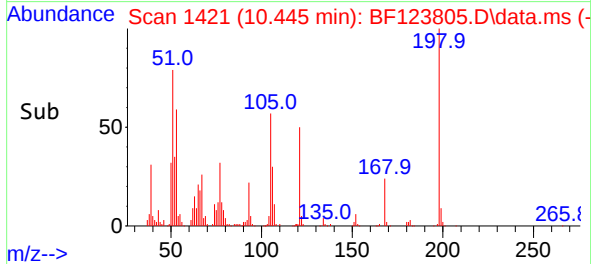




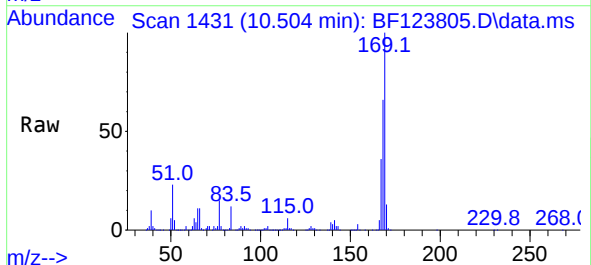
#65
4,6-Dinitro-2-methylphenol
Concen: 38.62 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



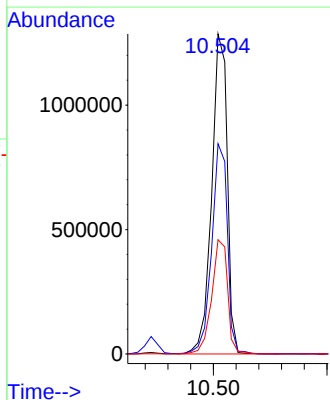
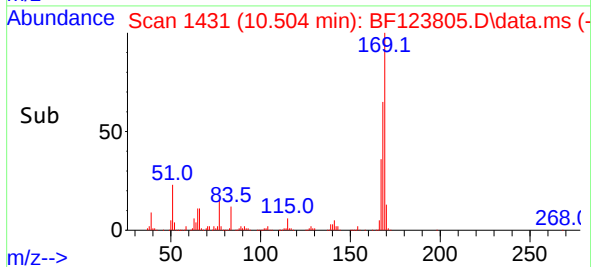
Tgt Ion:198 Resp: 228793
Ion Ratio Lower Upper
198 100
51 78.5 64.8 104.8
105 56.6 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 39.06 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



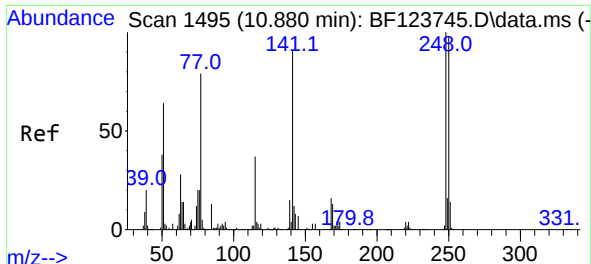
Tgt Ion:169 Resp: 1221581
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 35.7 29.9 44.9



Instrument :
BNA_F
ClientSampleId :
PB136145BS

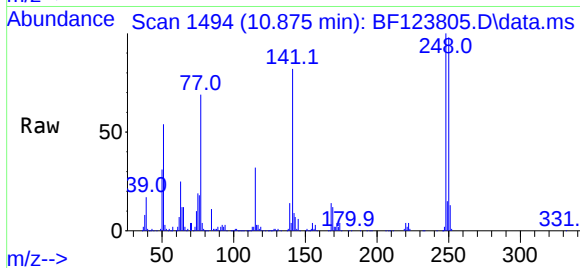
Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#67
4-Bromophenyl-phenylether
Concen: 39.02 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

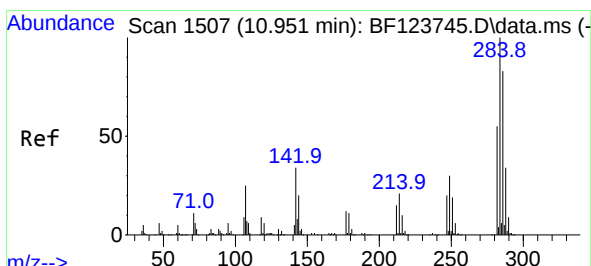
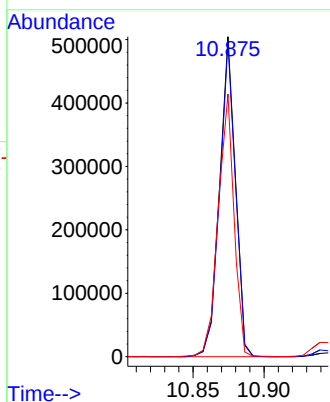
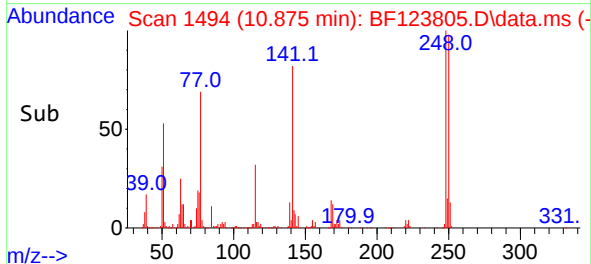
Instrument :
BNA_F
ClientSampled :
PB136145BS



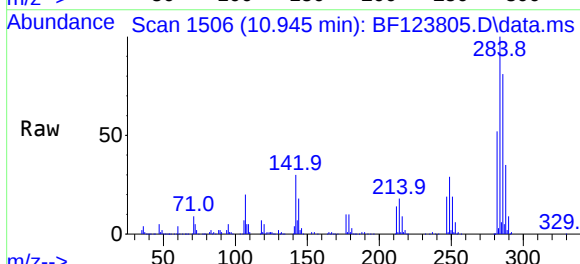
Tgt Ion:248 Resp: 392872
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 82.1 63.7 95.5

Manual Integrations
APPROVED

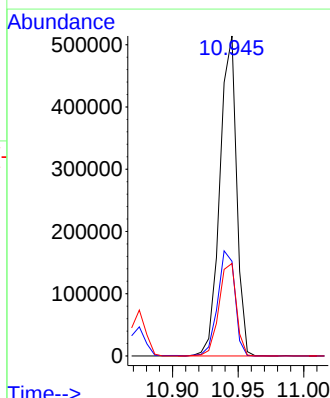
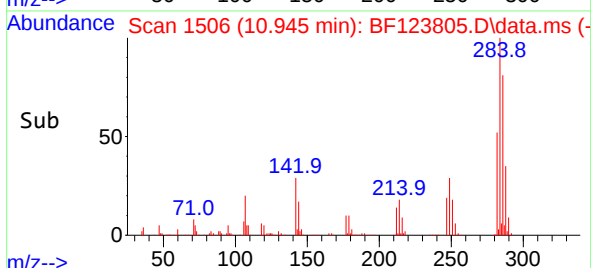
mohammad
5/5/2021 11:25:02 AM

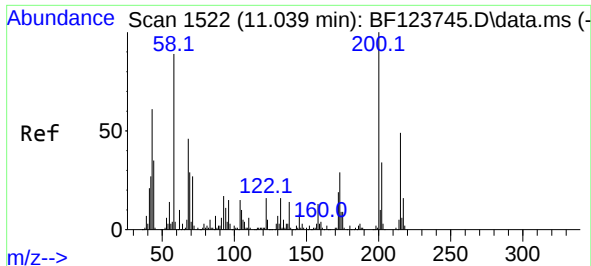


#68
Hexachlorobenzene
Concen: 39.74 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

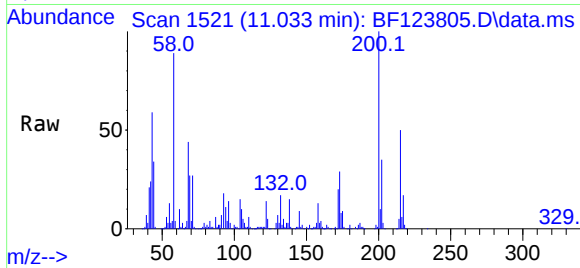


Tgt Ion:284 Resp: 455413
Ion Ratio Lower Upper
284 100
142 29.6 28.3 42.5
249 28.9 23.5 35.3

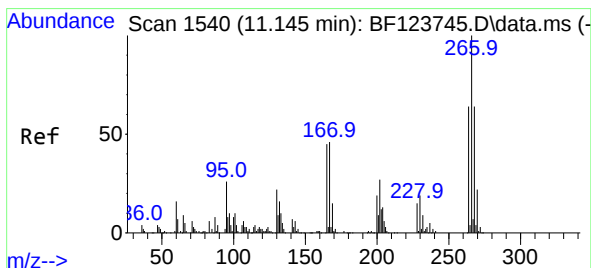
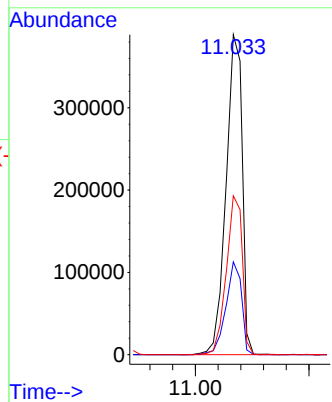
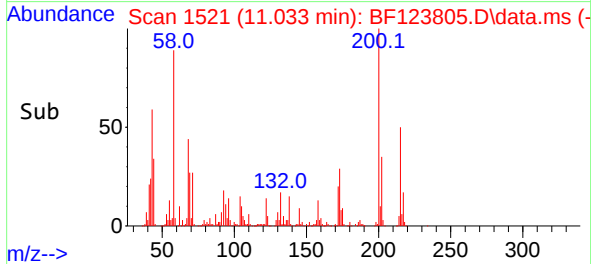




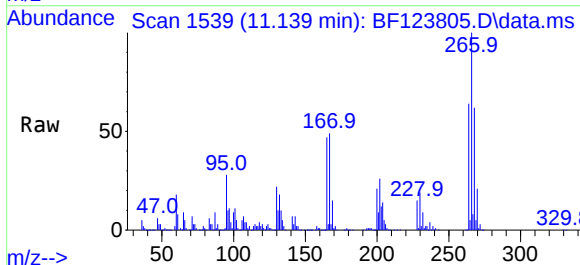
#69
Atrazine
Concen: 40.66 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



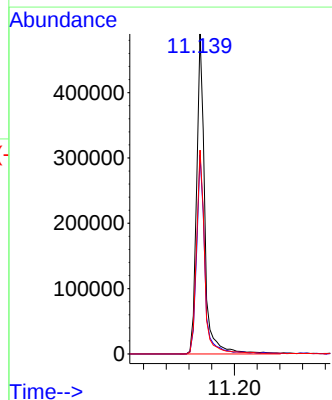
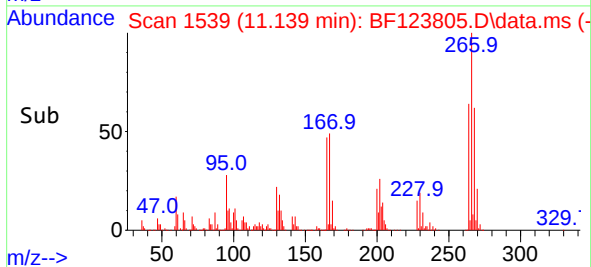
Tgt Ion:200 Resp: 384437
Ion Ratio Lower Upper
200 100
173 29.0 6.9 46.9
215 49.7 26.5 66.5



#70
Pentachlorophenol
Concen: 84.20 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



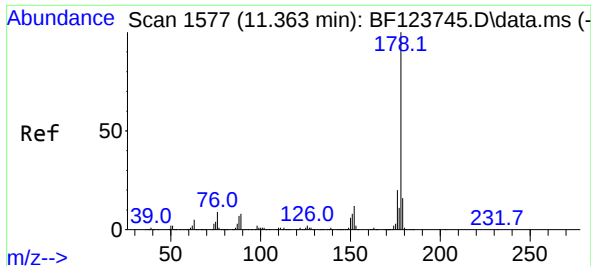
Tgt Ion:266 Resp: 491791
Ion Ratio Lower Upper
266 100
268 62.3 51.6 77.4
264 63.7 52.6 78.8



Instrument :
BNA_F
ClientSampleId :
PB136145BS

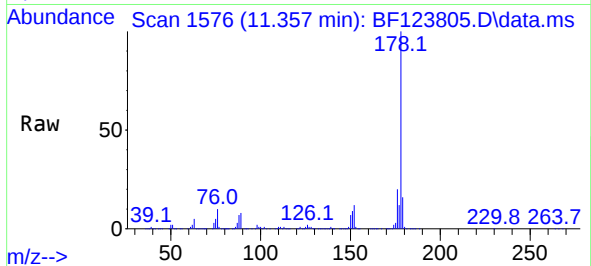
Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#71
Phenanthrene
Concen: 38.55 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

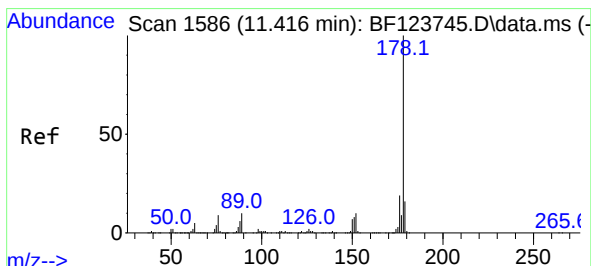
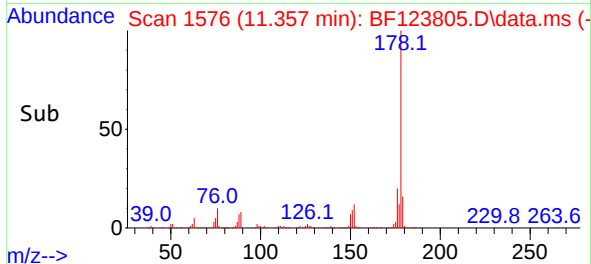
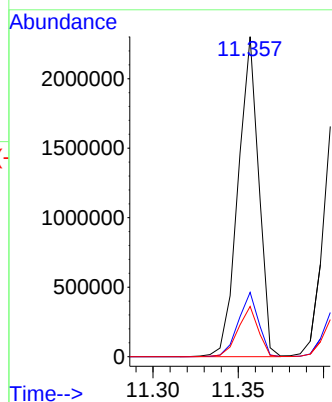


Tgt Ion:178 Resp: 1933375

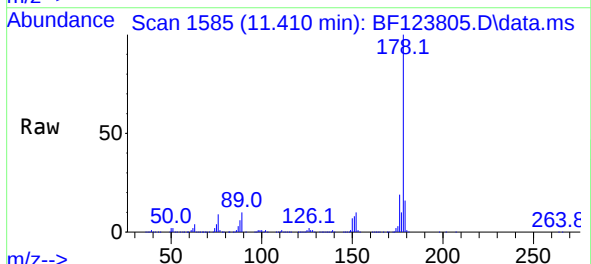
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	15.7	12.5	18.7

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM

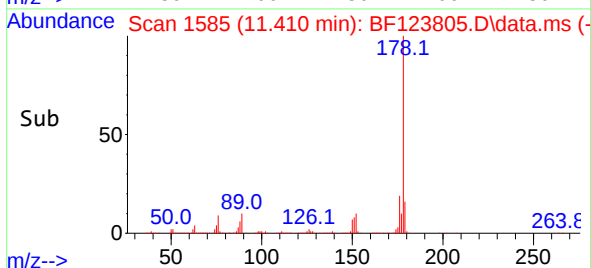
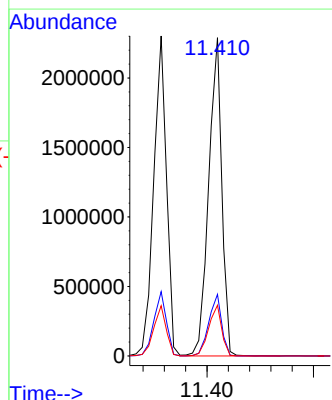


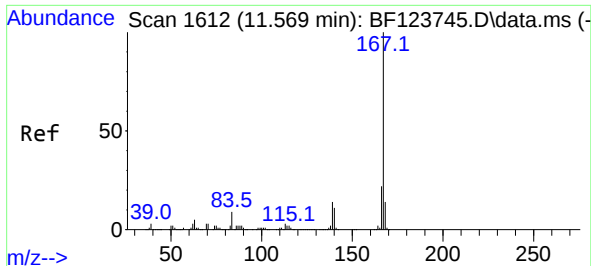
#72
Anthracene
Concen: 39.42 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



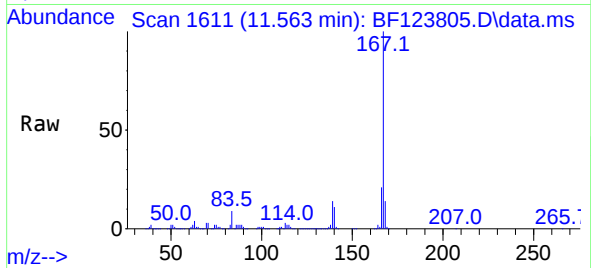
Tgt Ion:178 Resp: 1965811

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	16.0	12.6	18.8

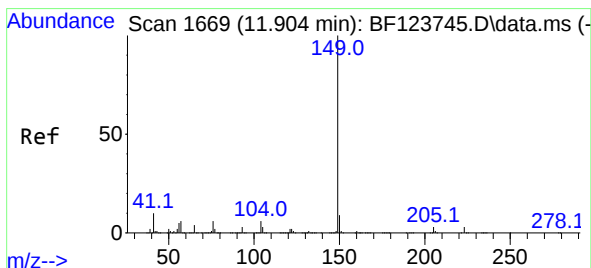
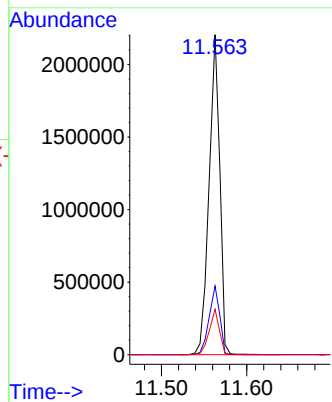
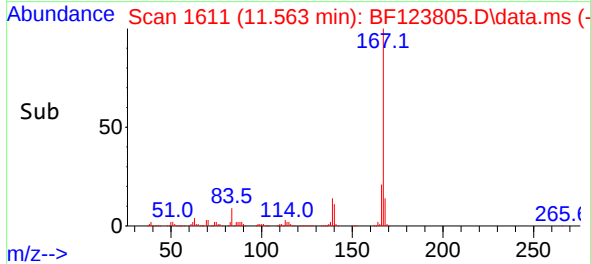




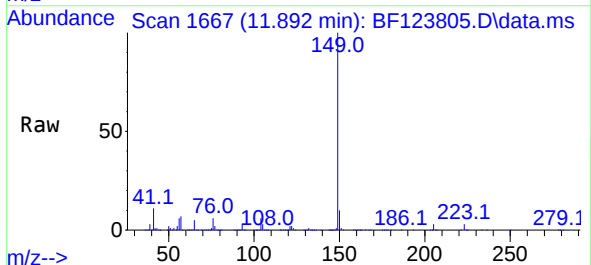
#73
Carbazole
Concen: 38.23 ng
RT: 11.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



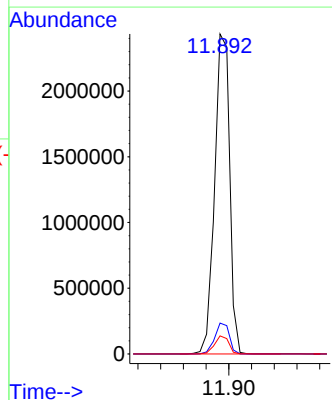
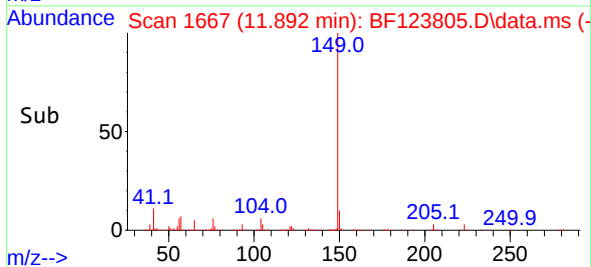
Tgt Ion:167 Resp: 1926838
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 14.2 10.4 15.6



#74
Di-n-butylphthalate
Concen: 39.51 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



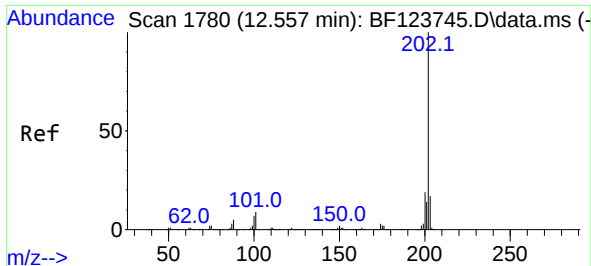
Tgt Ion:149 Resp: 2235216
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.6 4.6 6.8



Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#75
Fluoranthene
Concen: 38.46 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

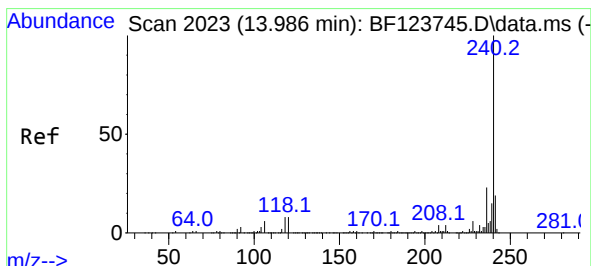
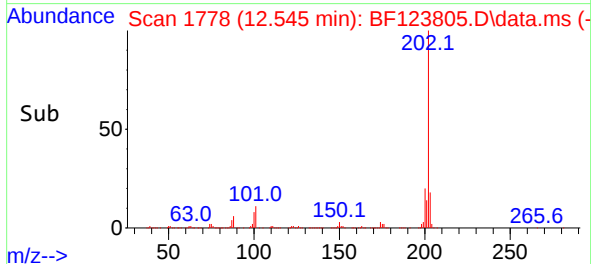
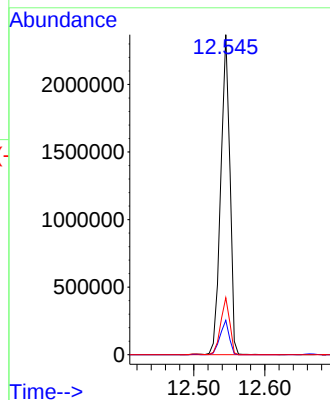
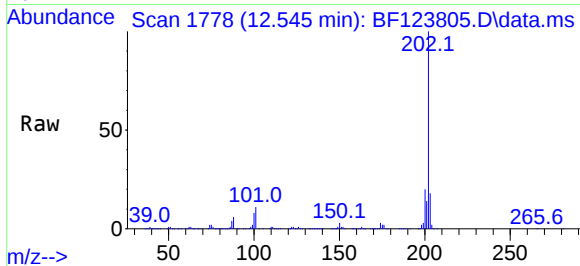
Tgt Ion:202 Resp: 2103870

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.9
203	17.8	0.0	37.5

Instrument :
BNA_F
ClientSampled :
PB136145BS

Manual Integrations
APPROVED

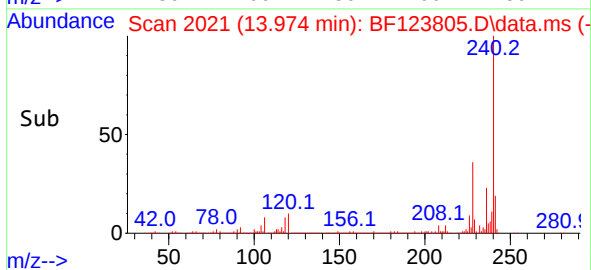
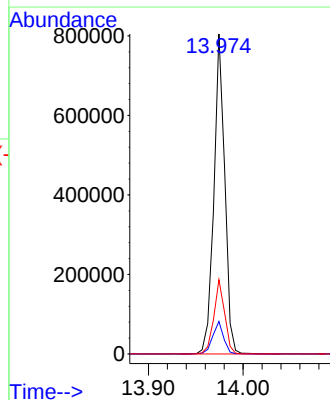
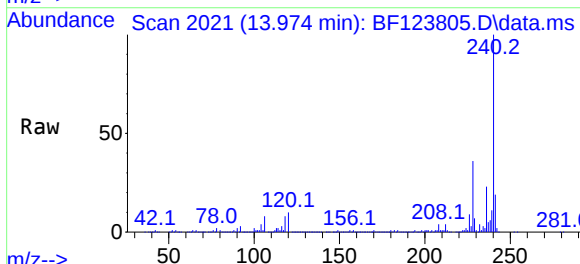
mohammad
5/5/2021 11:25:02 AM

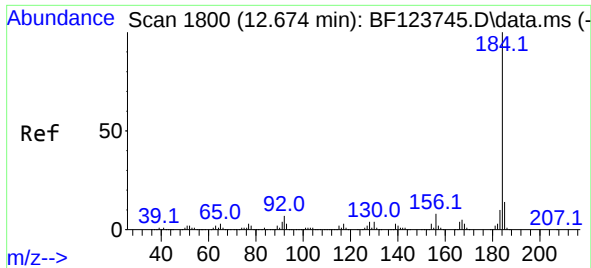


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:240 Resp: 638821

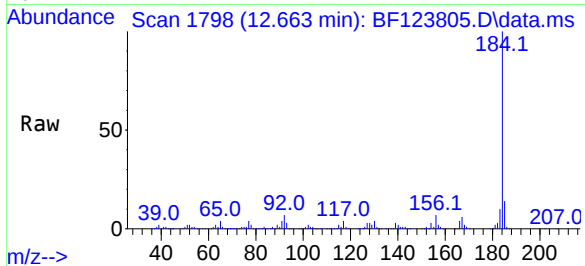
Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.2	10.8
236	23.2	19.0	28.4





#77
Benzidine
Concen: 43.08 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

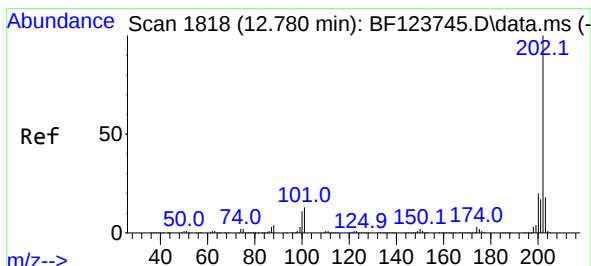
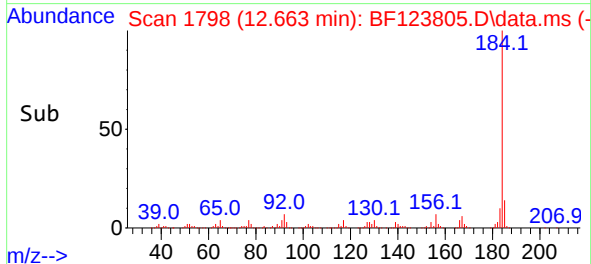
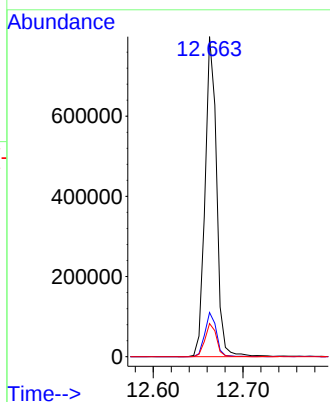
Instrument :
BNA_F
ClientSampled :
PB136145BS



Tgt Ion:184 Resp: 712681
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 10.4 7.8 11.8

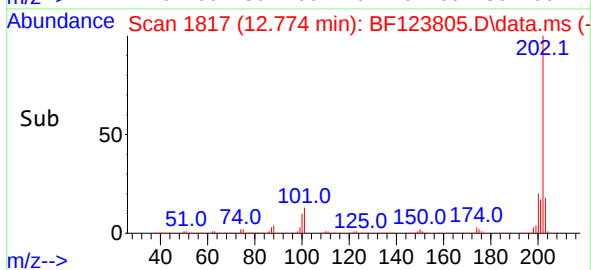
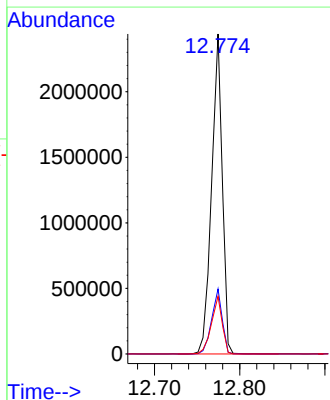
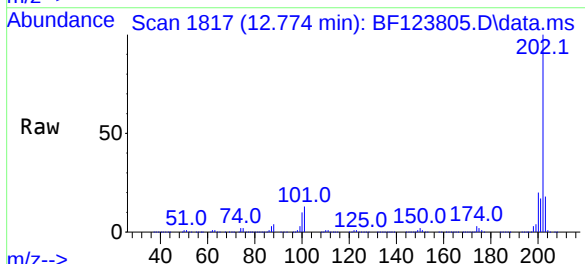
Manual Integrations
APPROVED

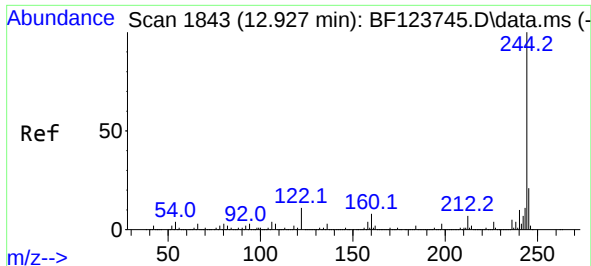
mohammad
5/5/2021 11:25:02 AM



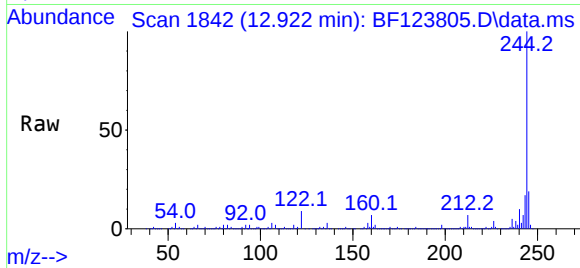
#78
Pyrene
Concen: 42.94 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:202 Resp: 2129245
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 18.0 14.8 22.2

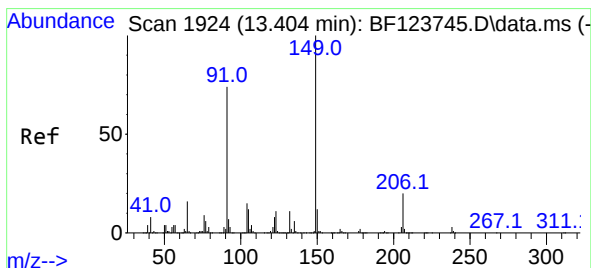
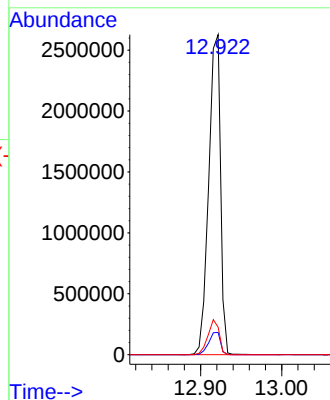
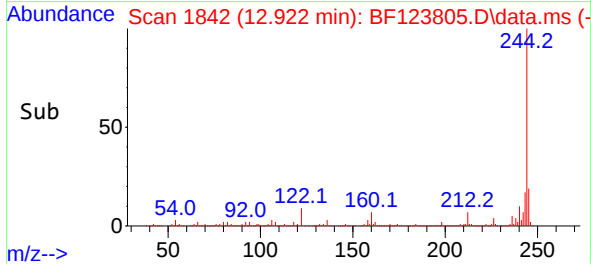




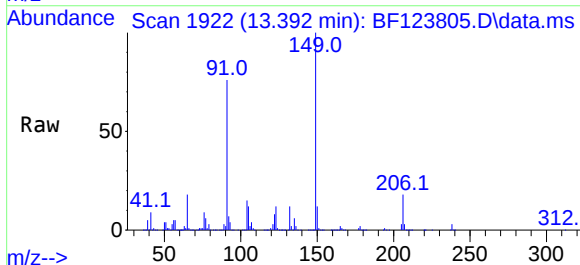
#79
Terphenyl-d14
Concen: 79.85 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



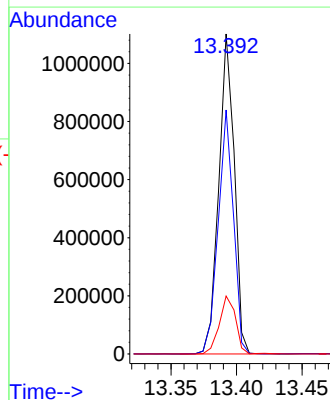
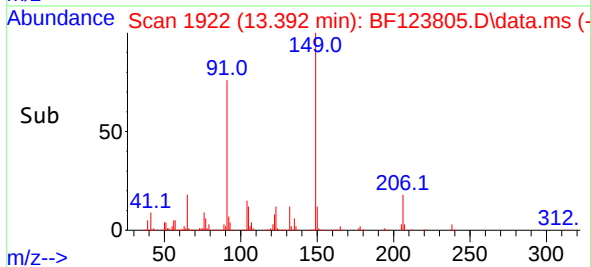
Tgt Ion:244 Resp: 2649103
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.6 9.7 14.5#



#80
Butylbenzylphthalate
Concen: 42.65 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



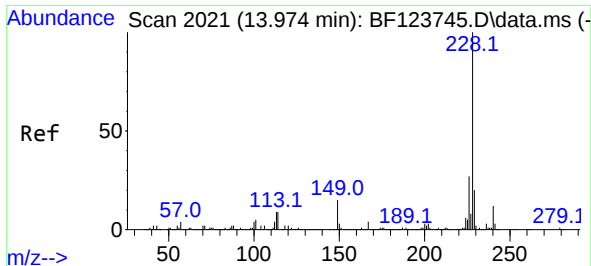
Tgt Ion:149 Resp: 903509
Ion Ratio Lower Upper
149 100
91 76.3 63.6 95.4
206 18.1 14.5 21.7



Instrument :
BNA_F
ClientSampleId :
PB136145BS

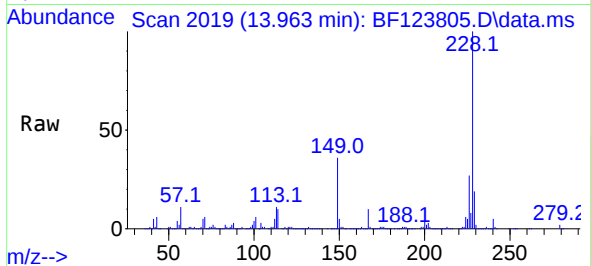
Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#81
Benzo(a)anthracene
Concen: 40.55 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

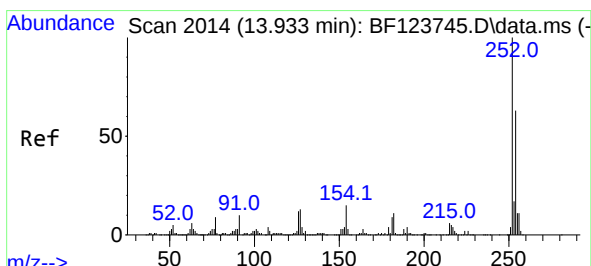
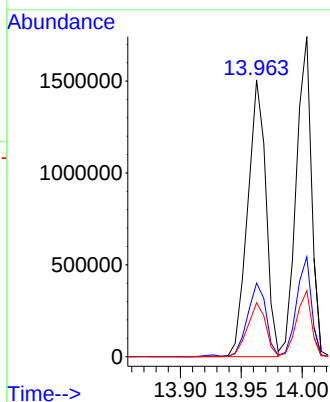
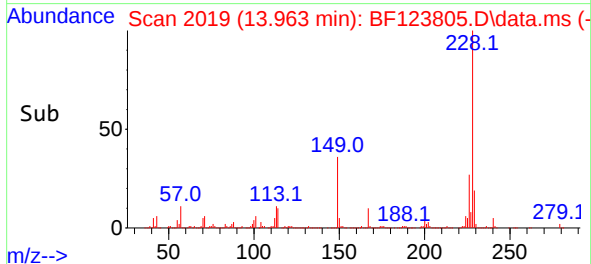
Instrument :
BNA_F
ClientSampled :
PB136145BS



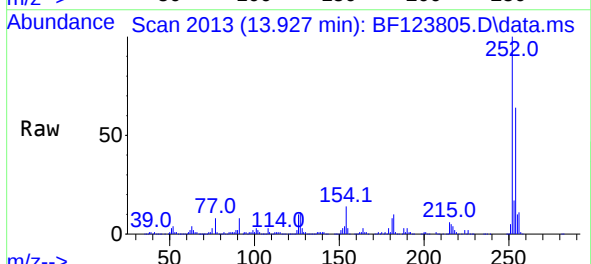
Tgt Ion:228 Resp: 1569833
Ion Ratio Lower Upper
228 100
226 26.6 22.4 33.6
229 19.5 16.0 24.0

Manual Integrations
APPROVED

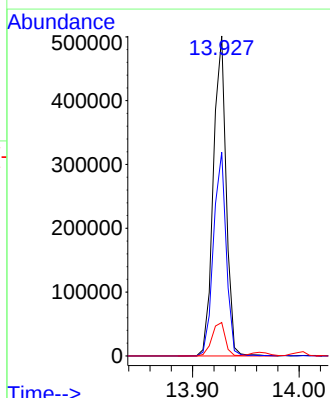
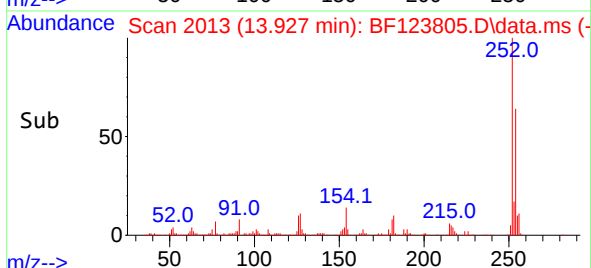
mohammad
5/5/2021 11:25:02 AM

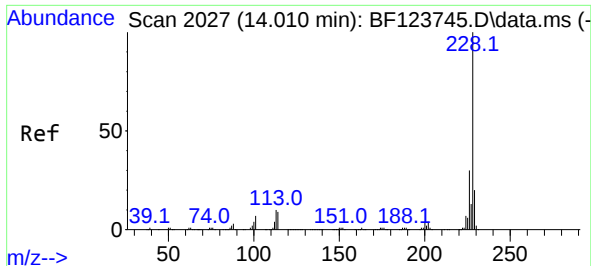


#82
3,3'-Dichlorobenzidine
Concen: 35.19 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion:252 Resp: 418380
Ion Ratio Lower Upper
252 100
254 63.7 51.1 76.7
126 10.5 7.7 11.5





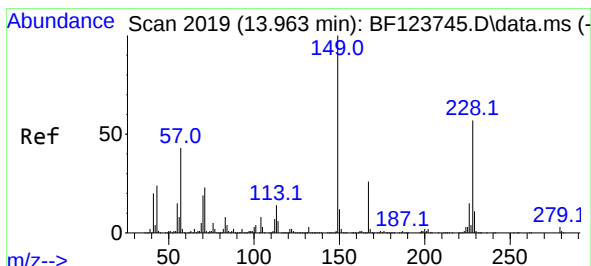
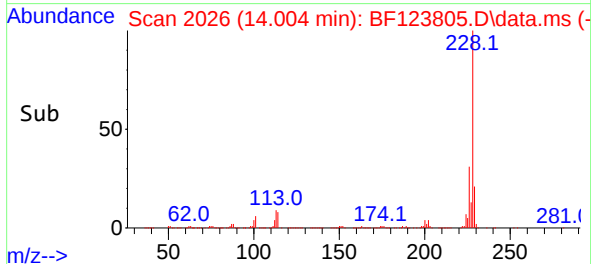
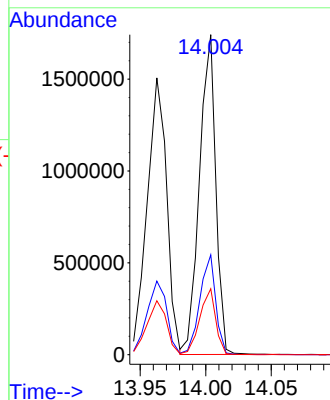
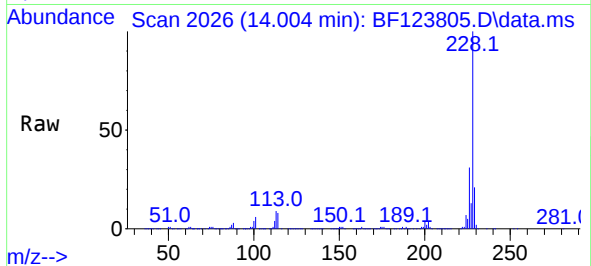
#83
Chrysene
Concen: 38.82 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:228 Resp: 1511954
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 20.6 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
PB136145BS

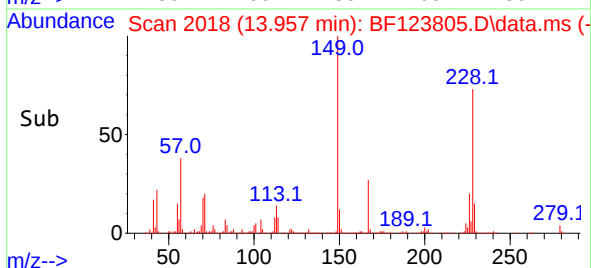
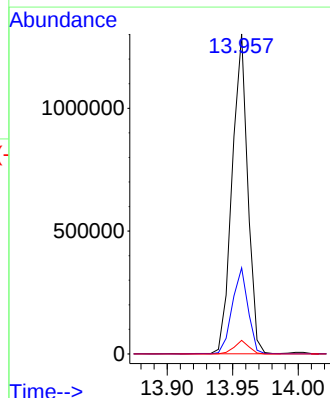
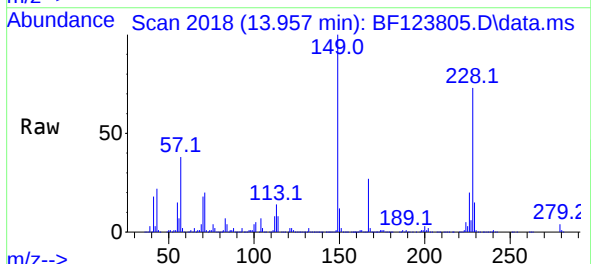
Manual Integrations
APPROVED

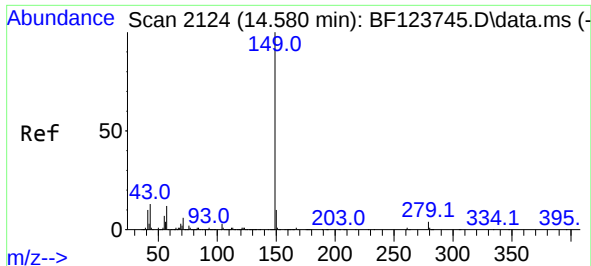
mohammad
5/5/2021 11:25:02 AM



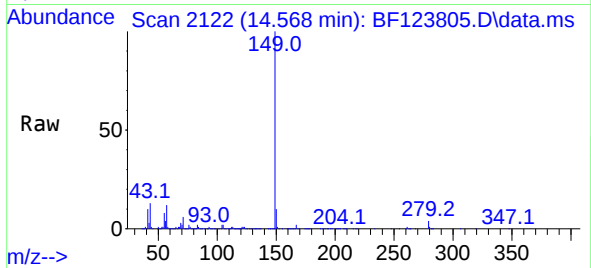
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.91 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion:149 Resp: 1076609
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.6
279 4.3 3.3 4.9

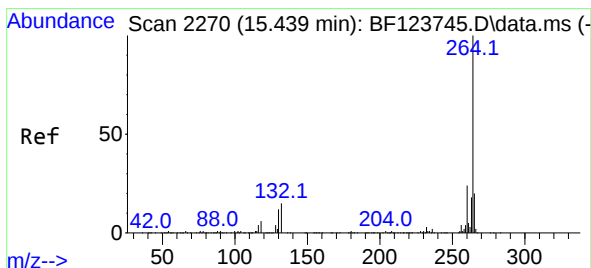
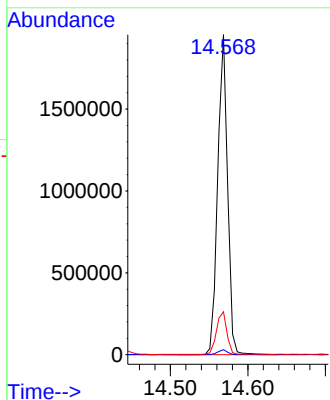
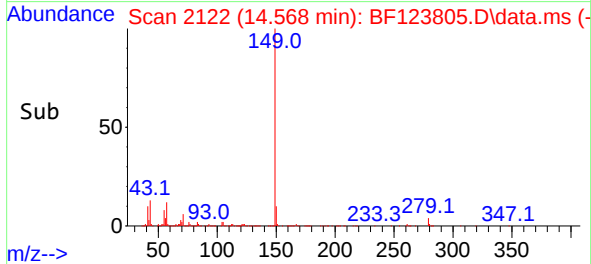




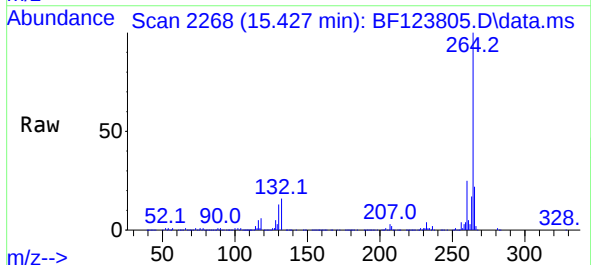
#85
Di-n-octyl phthalate
Concen: 40.91 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



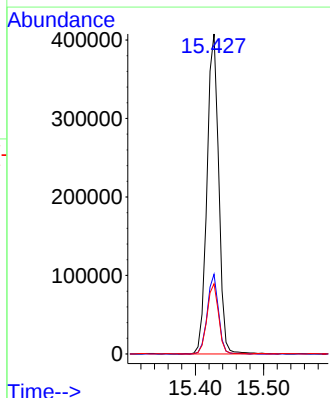
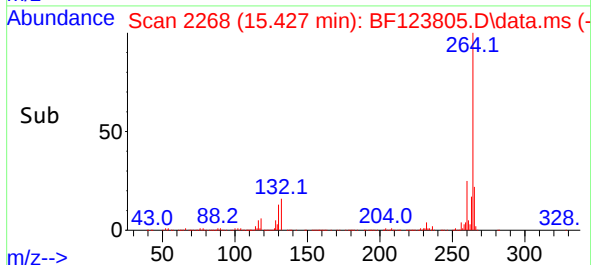
Tgt Ion:149 Resp: 1721519
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.2 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



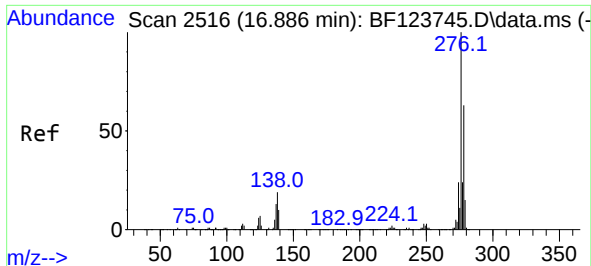
Tgt Ion:264 Resp: 487512
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 22.0 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



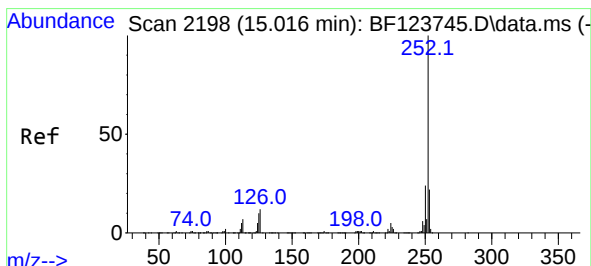
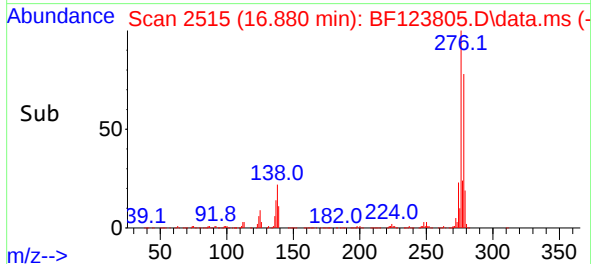
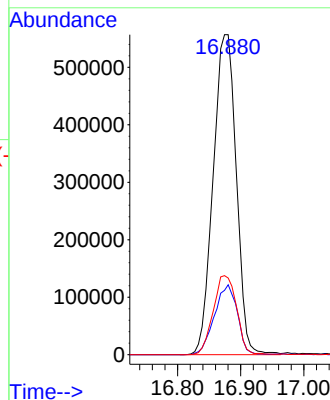
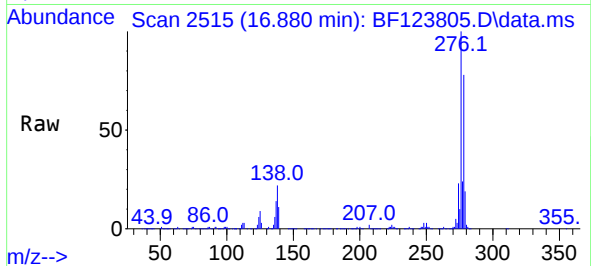
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.87 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 276 Resp: 1415952
Ion Ratio Lower Upper
276 100
138 21.7 16.2 24.2
277 25.0 20.1 30.1

Instrument :
BNA_F
ClientSampled :
PB136145BS

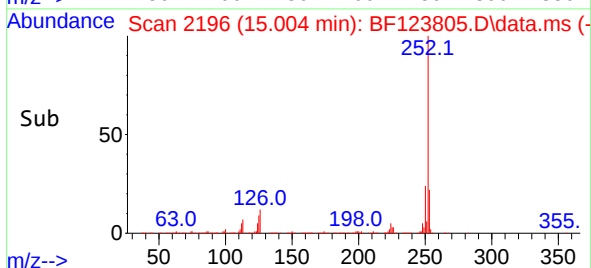
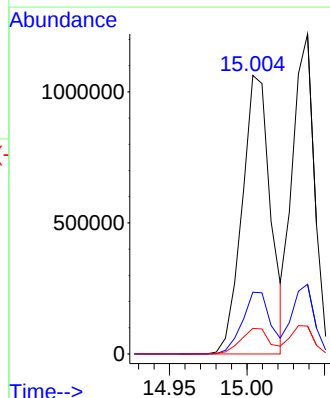
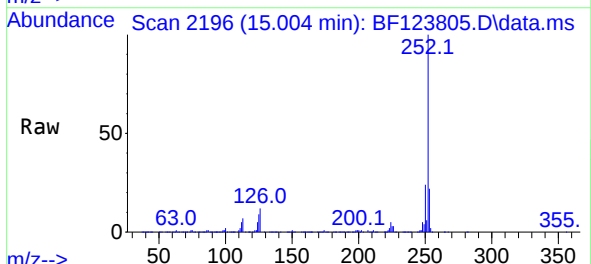
Manual Integrations
APPROVED

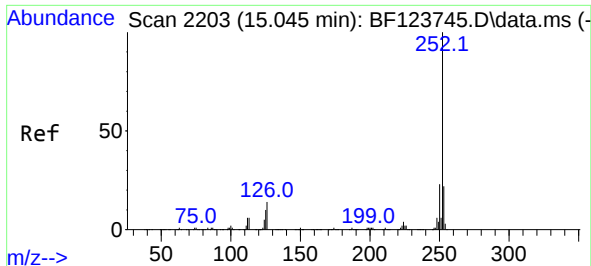
mohammad
5/5/2021 11:25:02 AM



#88
Benzo(b)fluoranthene
Concen: 41.25 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Tgt Ion: 252 Resp: 1355174
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.2 6.2 9.4





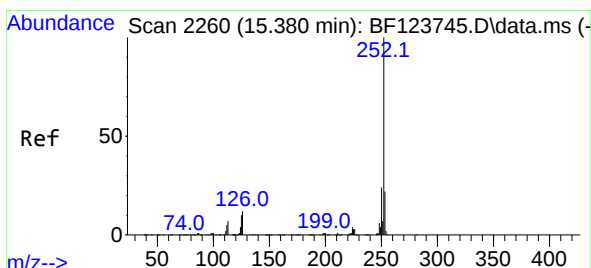
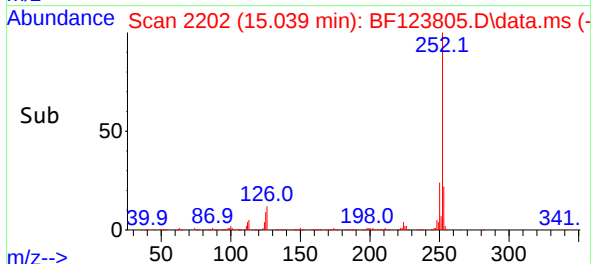
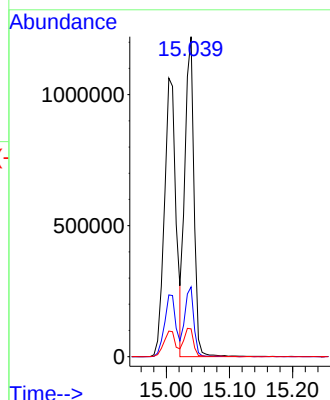
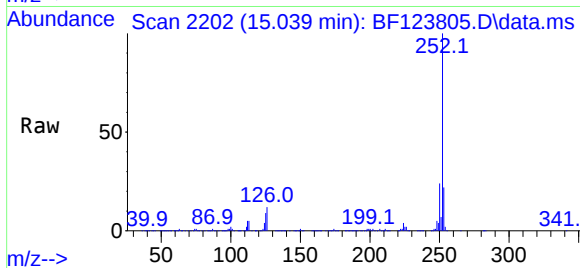
#89
Benzo(k)fluoranthene
Concen: 38.80 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Tgt Ion:252 Resp: 1216638
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.7 7.0 10.6

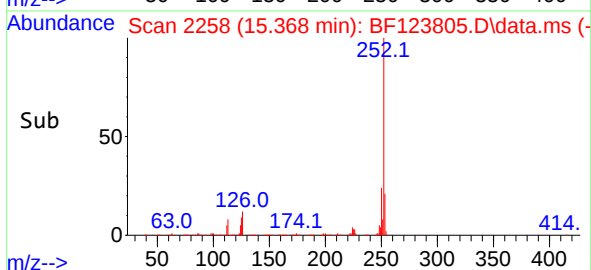
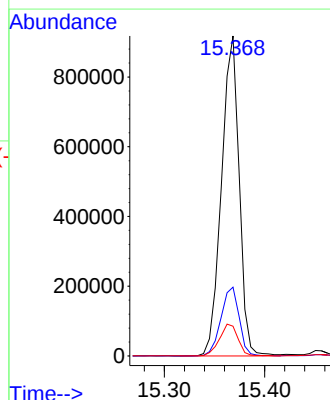
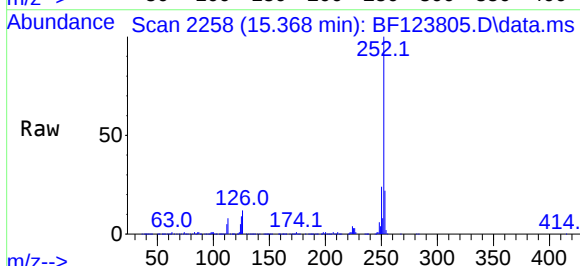
Manual Integrations
APPROVED

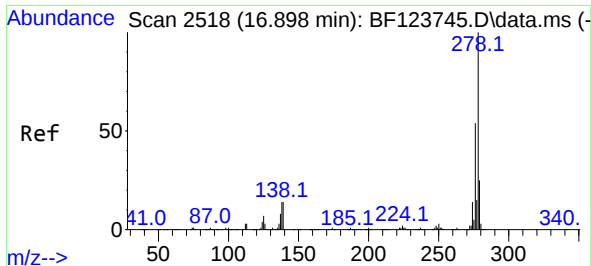
mohammad
5/5/2021 11:25:02 AM



#90
Benzo(a)pyrene
Concen: 39.96 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

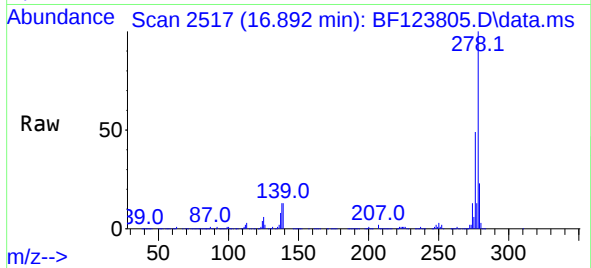
Tgt Ion:252 Resp: 1122514
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 9.3 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 49.12 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20

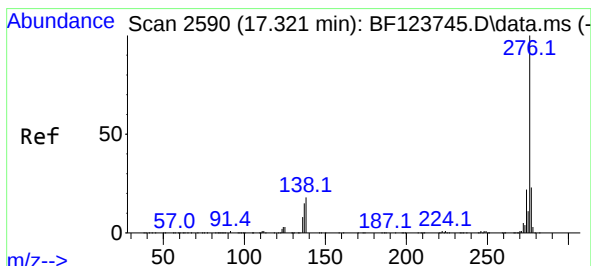
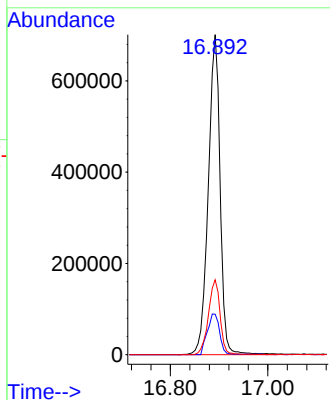
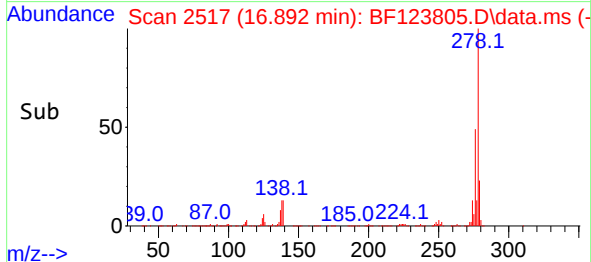
Instrument :
BNA_F
ClientSampled :
PB136145BS



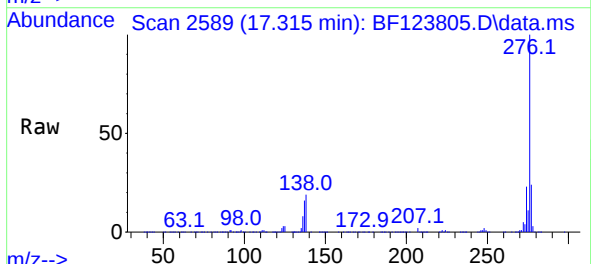
Tgt Ion:278 Resp: 1177375
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.2
279 23.4 19.4 29.0

Manual Integrations
APPROVED

mohammad
5/5/2021 11:25:02 AM



#92
Benzo(g,h,i)perylene
Concen: 51.16 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF123805.D
Acq: 4 May 2021 13:20



Tgt Ion:276 Resp: 1228279
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.2
138 19.3 13.8 20.6

