

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123829.D
 Acq On : 5 May 2021 16:00
 Operator : JU/CG
 Sample : M2275-09MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-020MSD

Manual Integrations
 APPROVED

mohammad
 5/6/2021 4:50:51 PM

Quant Time: May 05 16:30:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	231685	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	889394	20.00	ng	0.00
39) Acenaphthene-d10	9.839	164	461891	20.00	ng	0.00
64) Phenanthrene-d10	11.328	188	843404	20.00	ng	0.00
76) Chrysene-d12	13.974	240	535090	20.00	ng	0.00
86) Perylene-d12	15.427	264	515750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1660501	113.54	ng	0.01
7) Phenol-d6	6.440	99	2171827	107.81	ng	0.00
23) Nitrobenzene-d5	7.363	82	1520364	77.17	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	621737	108.13	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2242004	70.69	ng	0.00
79) Terphenyl-d14	12.916	244	2095754	75.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.510	88	340329	43.20	ng	94
3) Pyridine	3.246	79	824893	42.84	ng	89
4) n-Nitrosodimethylamine	3.193	42	527054	49.70	ng	94
6) Aniline	6.457	93	706605	30.33	ng	# 1
8) 2-Chlorophenol	6.581	128	798018	50.73	ng	97
9) Benzaldehyde	6.340	77	678918	69.63	ng	99
10) Phenol	6.457	94	1055382	48.77	ng	84
11) bis(2-Chloroethyl)ether	6.534	93	798108	50.51	ng	96
12) 1,3-Dichlorobenzene	6.734	146	764658	48.11	ng	98
13) 1,4-Dichlorobenzene	6.810	146	783082	48.70	ng	99
14) 1,2-Dichlorobenzene	6.963	146	751258	48.11	ng	97
15) Benzyl Alcohol	6.945	79	800730	50.71	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1615127	48.06	ng	95
17) 2-Methylphenol	7.063	107	683066	50.95	ng	94
18) Hexachloroethane	7.310	117	314143	49.35	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	591798	47.58	ng	98
20) 3+4-Methylphenols	7.216	107	836288	49.02	ng	# 87
22) Acetophenone	7.204	105	1174589	48.59	ng	# 99
24) Nitrobenzene	7.381	77	957913	46.68	ng	97
25) Isophorone	7.622	82	1664972	45.07	ng	100
26) 2-Nitrophenol	7.698	139	422177	50.41	ng	94
27) 2,4-Dimethylphenol	7.740	122	716035	54.43	ng	95
28) bis(2-Chloroethoxy)met...	7.834	93	967339	51.39	ng	98
29) 2,4-Dichlorophenol	7.945	162	623028	48.05	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	637336	46.91	ng	99
31) Naphthalene	8.104	128	2162355	47.21	ng	100
32) Benzoic acid	7.887	122	477867	52.35	ng	97
33) 4-Chloroaniline	8.151	127	127814	6.69	ng	93
34) Hexachlorobutadiene	8.222	225	382988	46.25	ng	100
35) Caprolactam	8.534	113	241505m	53.05	ng	
36) 4-Chloro-3-methylphenol	8.651	107	818540	50.60	ng	92
37) 2-Methylnaphthalene	8.798	142	1439405	48.23	ng	98
38) 1-Methylnaphthalene	8.898	142	1326448	47.29	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	622673	45.81	ng	99
41) Hexachlorocyclopentadiene	8.951	237	568796	96.11	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	453285	48.41	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123829.D
 Acq On : 5 May 2021 16:00
 Operator : JU/CG
 Sample : M2275-09MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-020MSD

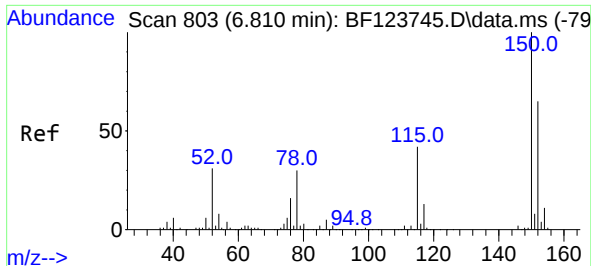
Manual Integrations
 APPROVED

mohammad
 5/6/2021 4:50:51 PM

Quant Time: May 05 16:30:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	475630	47.35	ng	98
46) 1,1'-Biphenyl	9.263	154	1740334	45.99	ng	99
47) 2-Chloronaphthalene	9.287	162	1297817	45.49	ng	99
48) 2-Nitroaniline	9.386	65	596773	47.48	ng	99
49) Acenaphthylene	9.704	152	2152376	46.74	ng	99
50) Dimethylphthalate	9.569	163	1653553	50.83	ng	99
51) 2,6-Dinitrotoluene	9.628	165	351987	46.80	ng	93
52) Acenaphthene	9.875	154	1268772	45.22	ng	99
53) 3-Nitroaniline	9.792	138	193599	21.55	ng	97
54) 2,4-Dinitrophenol	9.904	184	388922	97.36	ng	98
55) Dibenzofuran	10.045	168	1906598	44.93	ng	100
56) 4-Nitrophenol	9.975	139	618785	94.58	ng	96
57) 2,4-Dinitrotoluene	10.034	165	480684	46.88	ng	92
58) Fluorene	10.392	166	1484288	45.51	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	385947	48.52	ng	97
60) Diethylphthalate	10.269	149	1606600	46.40	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	702379	46.21	ng	97
62) 4-Nitroaniline	10.416	138	378416	42.51	ng	99
63) Azobenzene	10.539	77	1763268	44.30	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	242253	46.36	ng	# 81
66) n-Nitrosodiphenylamine	10.504	169	1328536	48.15	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	433719	48.83	ng	96
68) Hexachlorobenzene	10.939	284	495069	48.97	ng	99
69) Atrazine	11.033	200	418363	50.16	ng	97
70) Pentachlorophenol	11.139	266	516127	100.17	ng	97
71) Phenanthrene	11.357	178	2093253	47.32	ng	100
72) Anthracene	11.404	178	2142043	48.70	ng	99
73) Carbazole	11.563	167	2027908	45.62	ng	99
74) Di-n-butylphthalate	11.892	149	2424306	48.57	ng	100
75) Fluoranthene	12.545	202	2172470	45.03	ng	99
77) Benzidine	12.663	184	1026188	74.06	ng	99
78) Pyrene	12.775	202	2153326	51.84	ng	99
80) Butylbenzylphthalate	13.392	149	931630	52.50	ng	98
81) Benzo(a)anthracene	13.963	228	1541262	47.53	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	276602	27.78	ng	# 98
83) Chrysene	13.998	228	1559588	47.81	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1113026	50.49	ng	100
85) Di-n-octyl phthalate	14.569	149	1805726	51.23	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1713530	57.05	ng	99
88) Benzo(b)fluoranthene	15.010	252	1530993	44.05	ng	98
89) Benzo(k)fluoranthene	15.039	252	1445126	43.57	ng	100
90) Benzo(a)pyrene	15.368	252	1463996	49.26	ng	96
91) Dibenzo(a,h)anthracene	16.898	278	1391098	54.85	ng	98
92) Benzo(g,h,i)perylene	17.321	276	1415366	55.73	ng	97

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



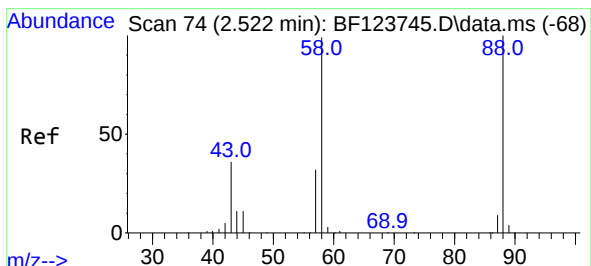
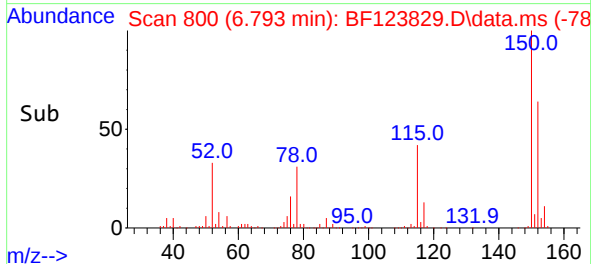
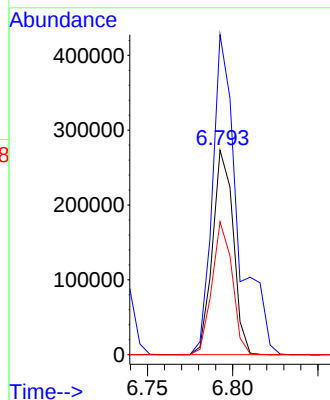
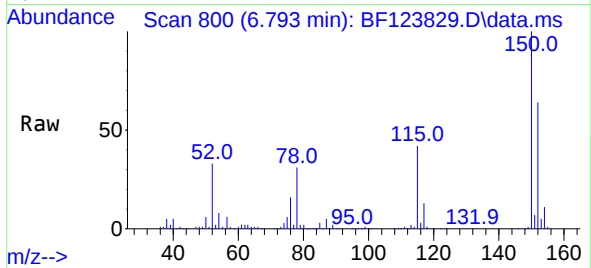
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 152 Resp: 231685
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 65.0 54.3 81.5

Instrument :
BNA_F
ClientSampled :
CRT-020MSD

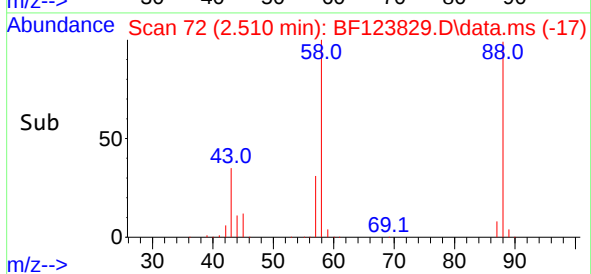
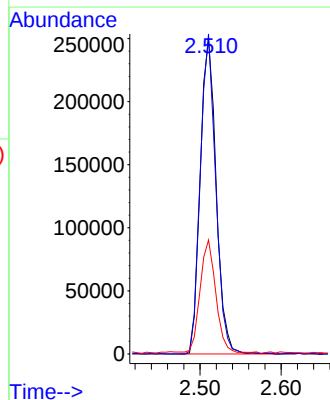
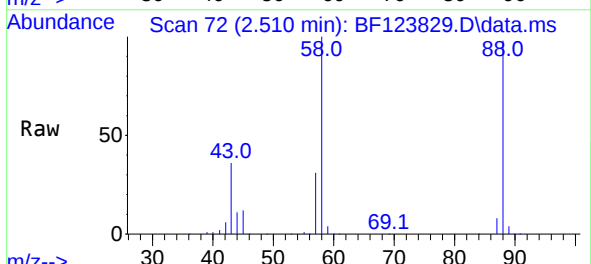
Manual Integrations
APPROVED

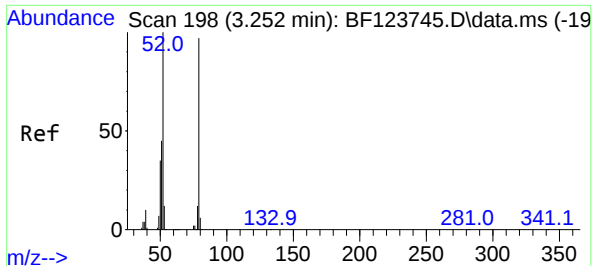
mohammad
5/6/2021 4:50:51 PM



#2
1,4-Dioxane
Concen: 43.20 ng
RT: 2.510 min Scan# 72
Delta R.T. 0.024 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 88 Resp: 340329
Ion Ratio Lower Upper
88 100
58 98.5 83.8 125.8
43 36.0 32.2 48.4





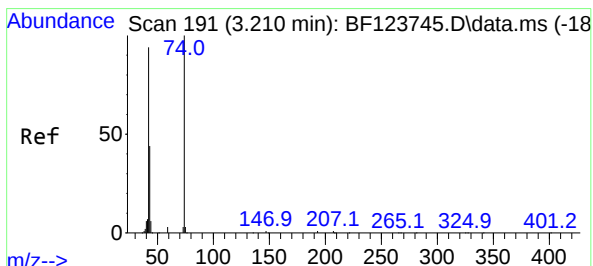
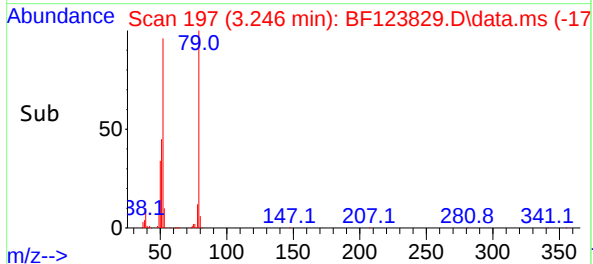
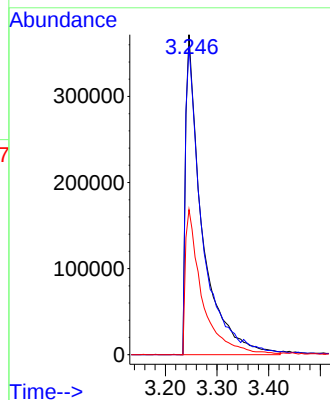
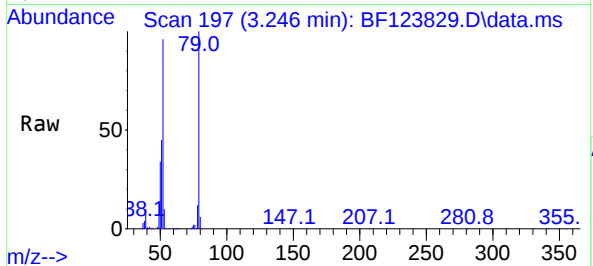
#3
Pyridine
Concen: 42.84 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.029 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 79 Resp: 824893
Ion Ratio Lower Upper
79 100
52 96.3 87.4 131.0
51 45.4 41.4 62.0

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

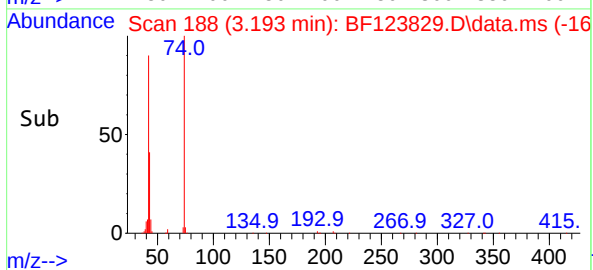
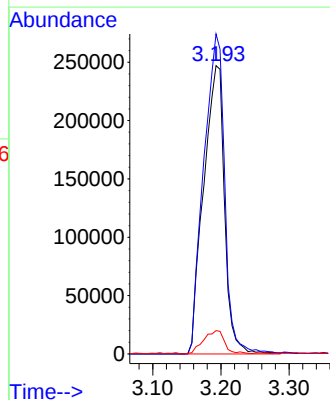
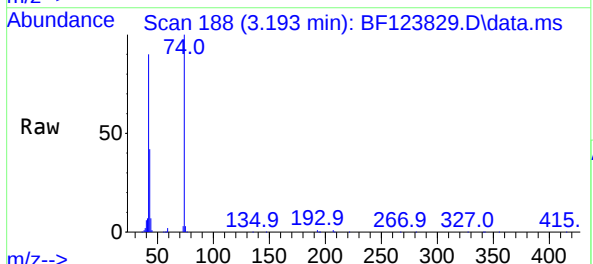
Manual Integrations
APPROVED

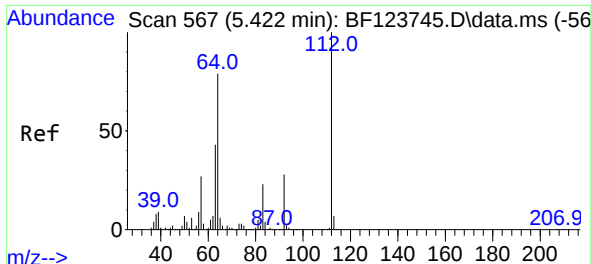
mohammad
5/6/2021 4:50:51 PM



#4
n-Nitrosodimethylamine
Concen: 49.70 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.024 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

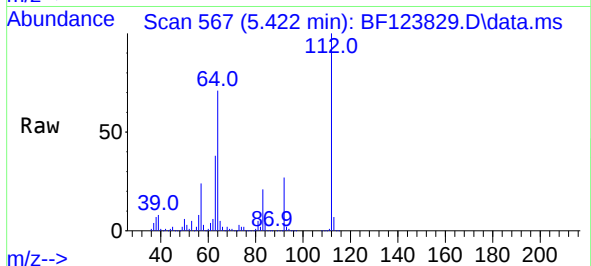
Tgt Ion: 42 Resp: 527054
Ion Ratio Lower Upper
42 100
74 111.0 83.5 125.3
44 8.1 5.7 8.5





#5
2-Fluorophenol
Concen: 113.54 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

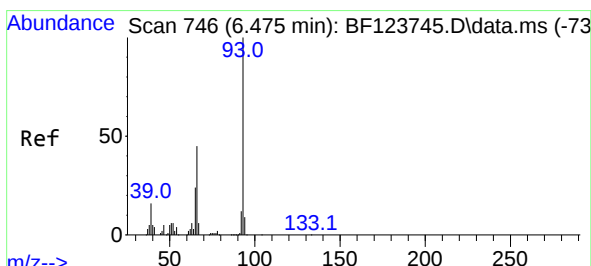
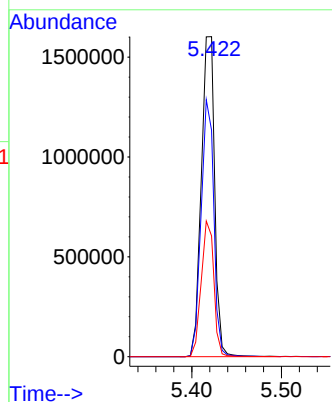
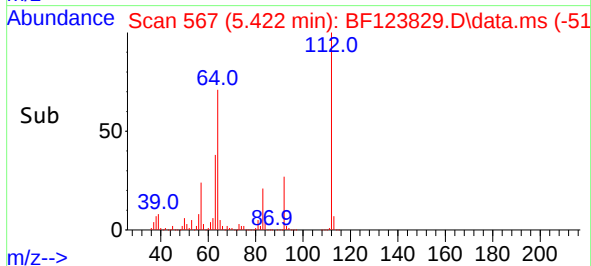
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



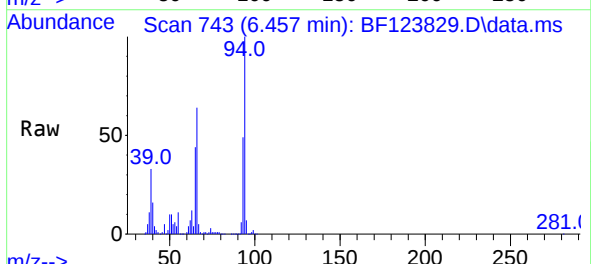
Tgt Ion:112 Resp: 1660501
Ion Ratio Lower Upper
112 100
64 70.7 61.4 92.0
63 37.8 33.0 49.4

Manual Integrations
APPROVED

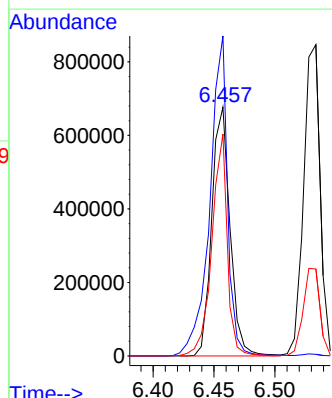
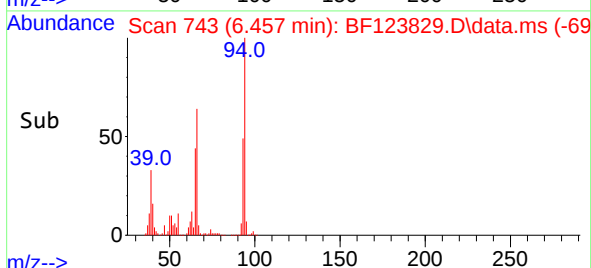
mohammad
5/6/2021 4:50:51 PM

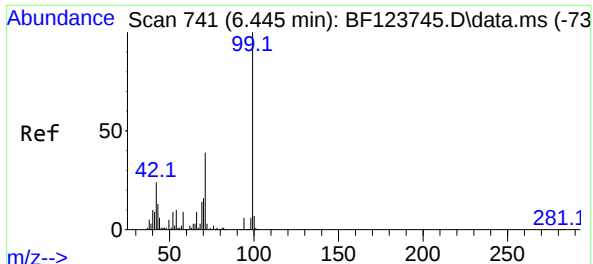


#6
Aniline
Concen: 30.33 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



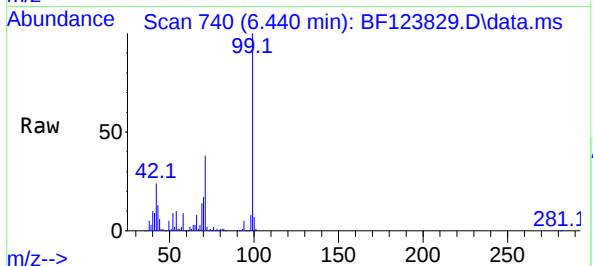
Tgt Ion: 93 Resp: 706605
Ion Ratio Lower Upper
93 100
66 128.6 36.4 54.6#
65 89.2 19.4 29.0#





#7
Phenol-d6
Concen: 107.81 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

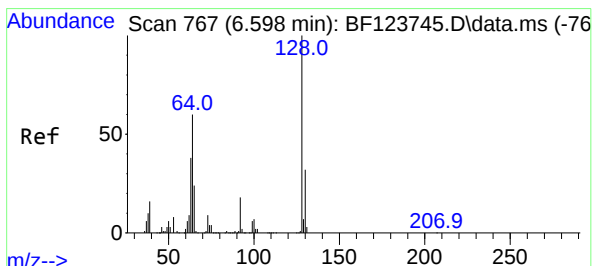
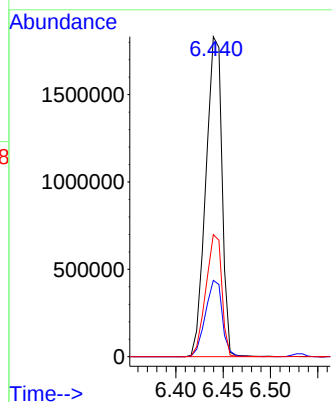


Tgt Ion: 99 Resp: 2171827

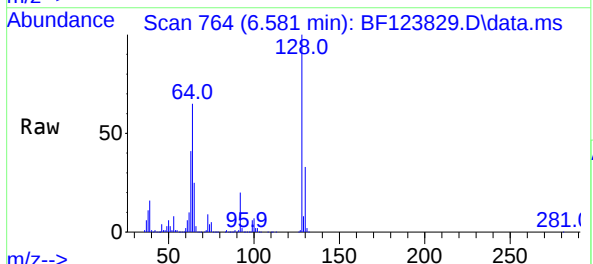
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.8
71	38.2	31.1	46.7

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM

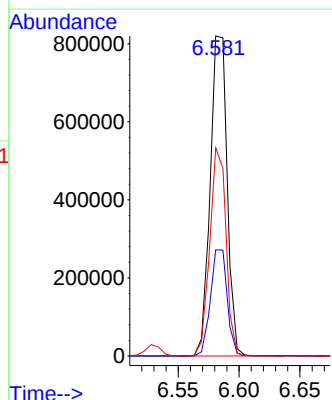
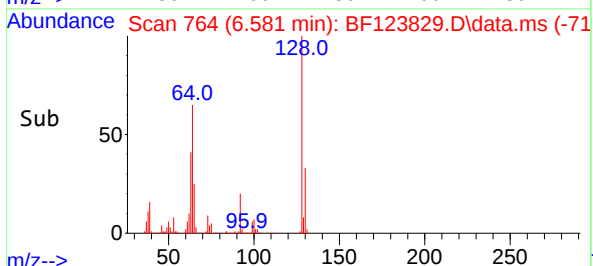


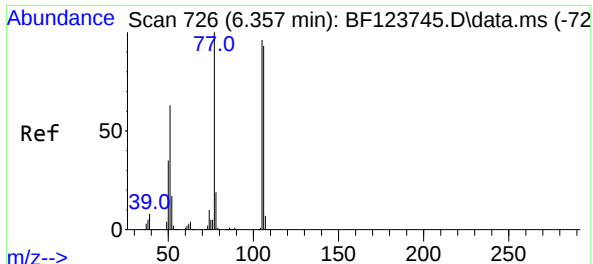
#8
2-Chlorophenol
Concen: 50.73 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion: 128 Resp: 798018

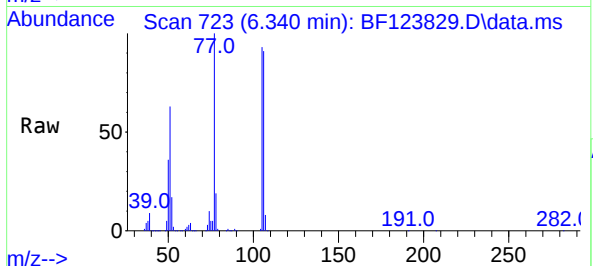
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	65.0	41.5	81.5





#9
Benzaldehyde
Concen: 69.63 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

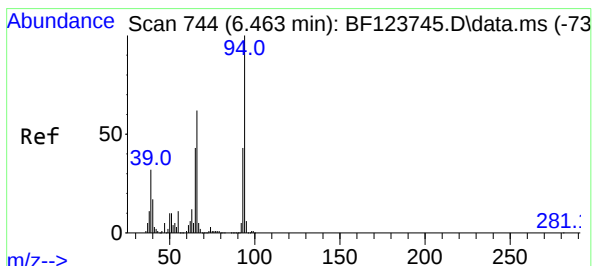
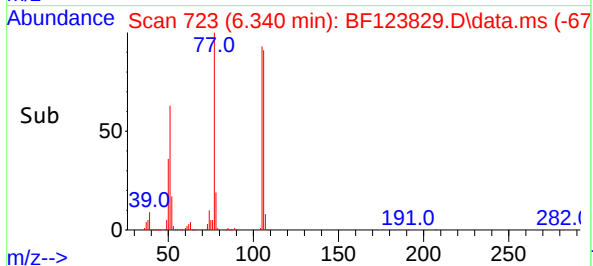
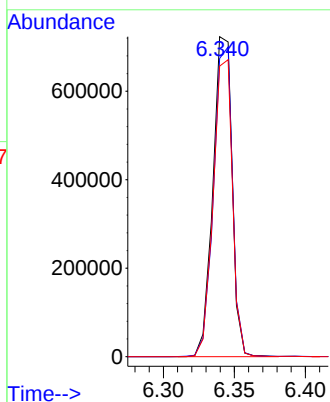
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



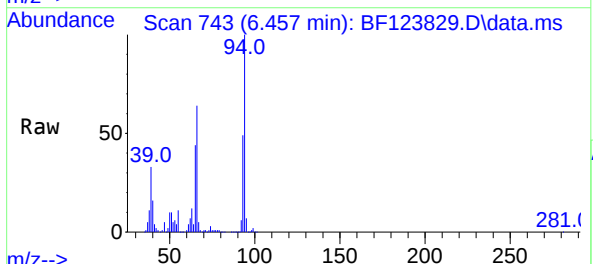
Tgt Ion: 77 Resp: 678918
Ion Ratio Lower Upper
77 100
105 93.2 75.2 115.2
106 90.8 71.6 111.6

Manual Integrations
APPROVED

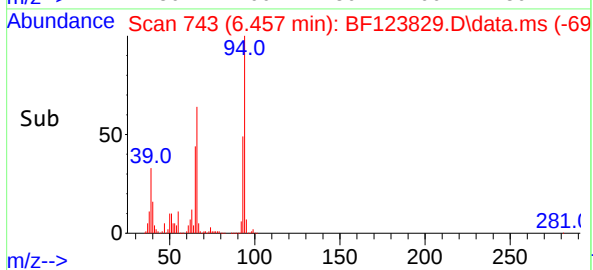
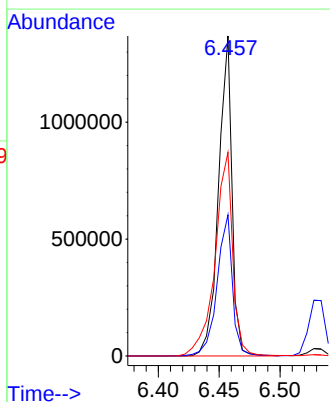
mohammad
5/6/2021 4:50:51 PM

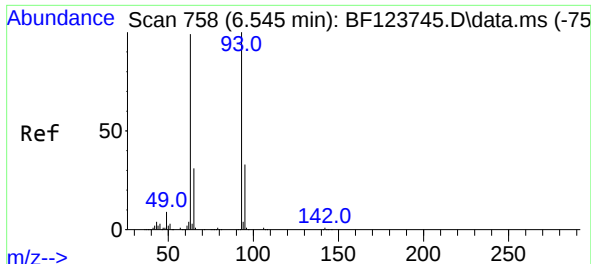


#10
Phenol
Concen: 48.77 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion: 94 Resp: 1055382
Ion Ratio Lower Upper
94 100
65 44.1 18.1 58.1
66 63.6 29.0 69.0





#11
bis(2-Chloroethyl)ether
Concen: 50.51 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

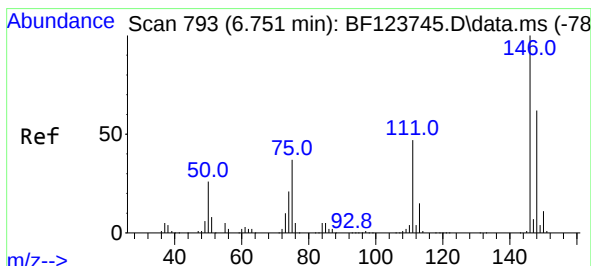
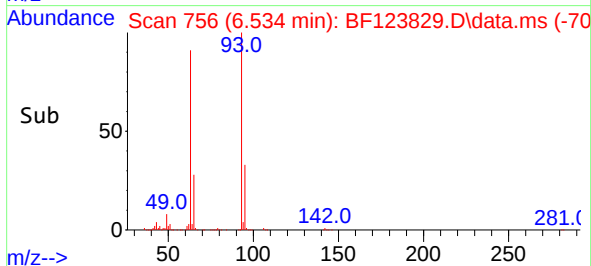
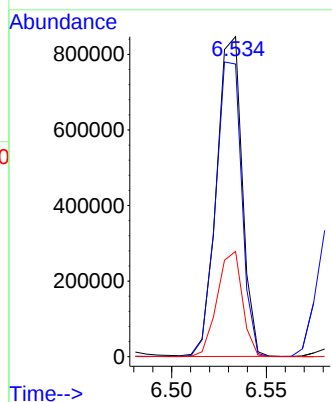
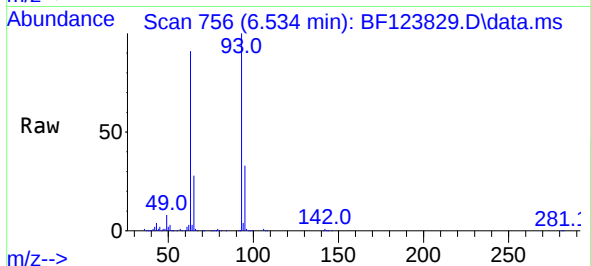
Tgt Ion: 93 Resp: 798108

Ion	Ratio	Lower	Upper
93	100		
63	91.4	76.1	116.1
95	32.9	11.5	51.5

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

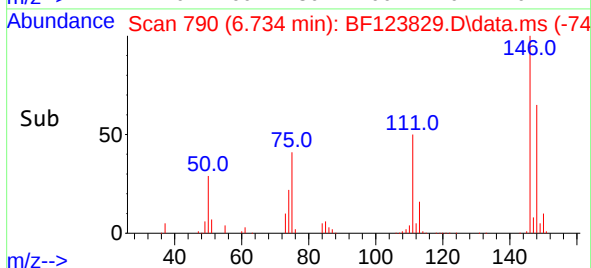
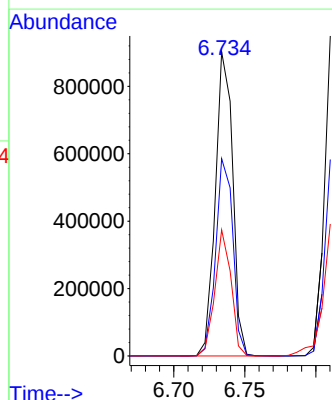
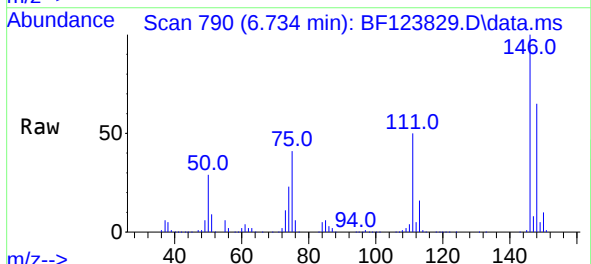
mohammad
5/6/2021 4:50:51 PM

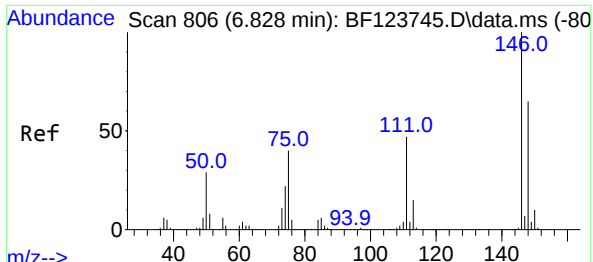


#12
1,3-Dichlorobenzene
Concen: 48.11 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:146 Resp: 764658

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	41.5	34.2	51.4





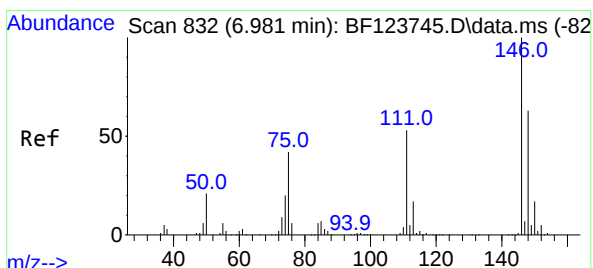
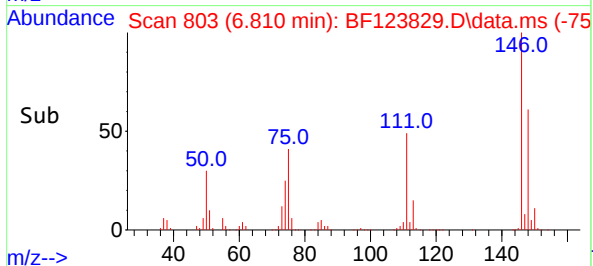
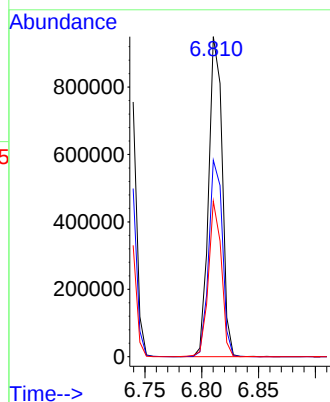
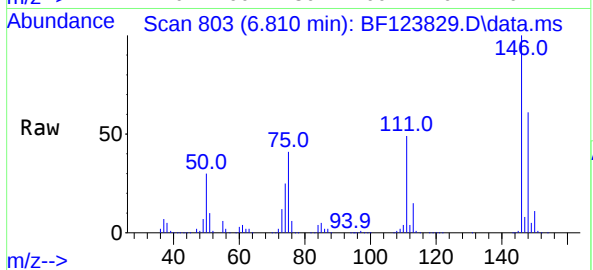
#13
1,4-Dichlorobenzene
Concen: 48.70 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:146 Resp: 783082
Ion Ratio Lower Upper
146 100
148 61.4 49.9 74.9
111 48.6 39.5 59.3

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

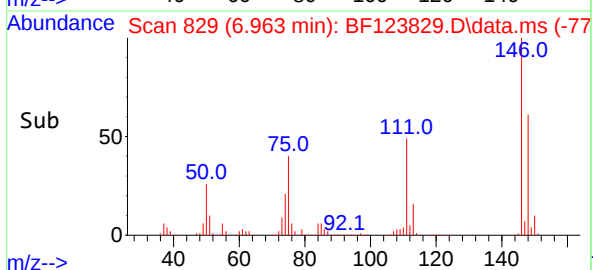
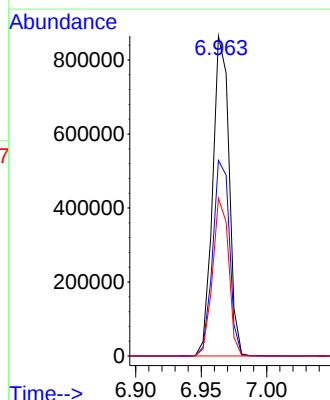
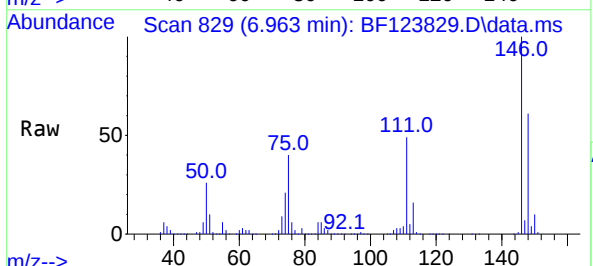
Manual Integrations
APPROVED

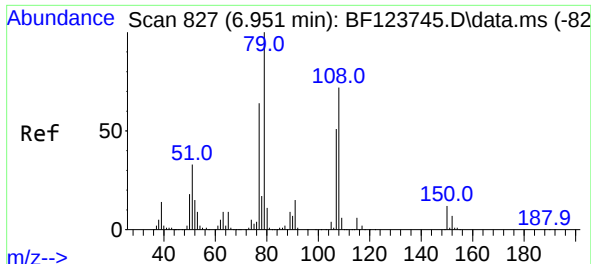
mohammad
5/6/2021 4:50:51 PM



#14
1,2-Dichlorobenzene
Concen: 48.11 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:146 Resp: 751258
Ion Ratio Lower Upper
146 100
148 61.1 51.6 77.4
111 49.3 38.4 57.6





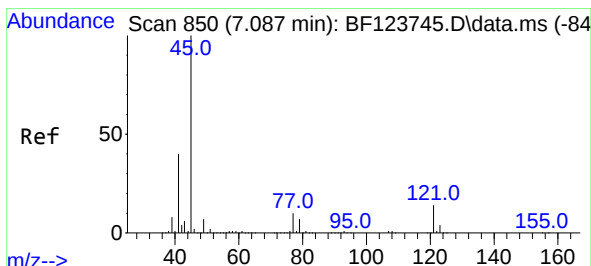
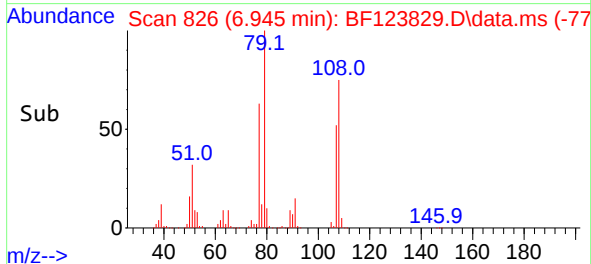
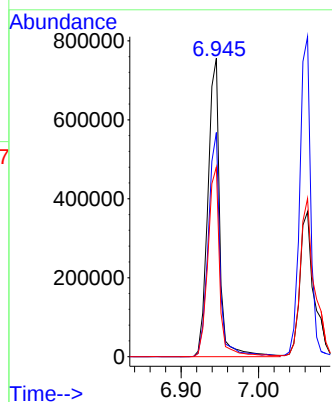
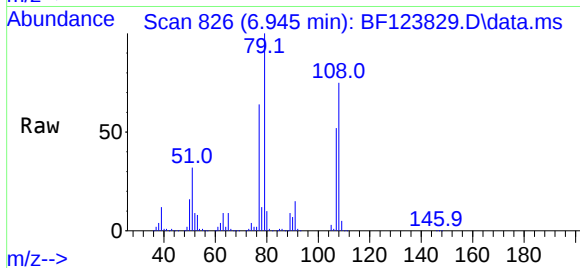
#15
Benzyl Alcohol
Concen: 50.71 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 79 Resp: 800730
Ion Ratio Lower Upper
79 100
108 75.1 55.8 83.8
77 63.5 49.9 74.9

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

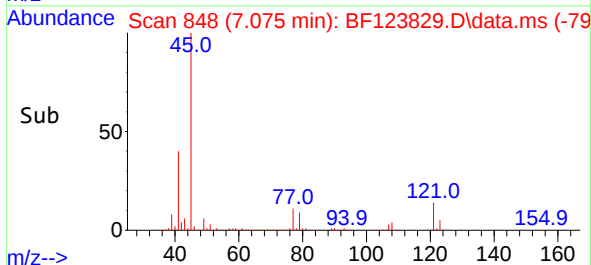
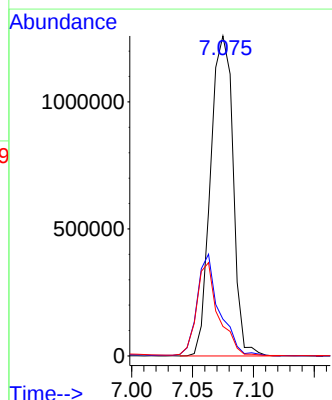
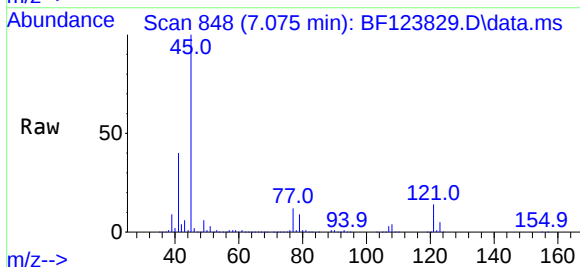
Manual Integrations
APPROVED

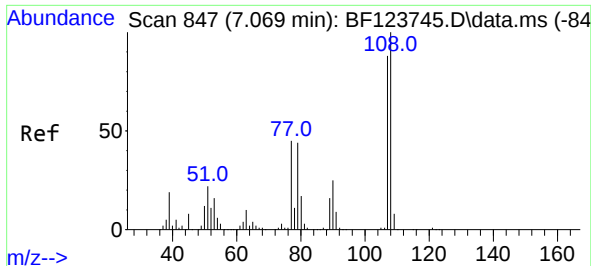
mohammad
5/6/2021 4:50:51 PM



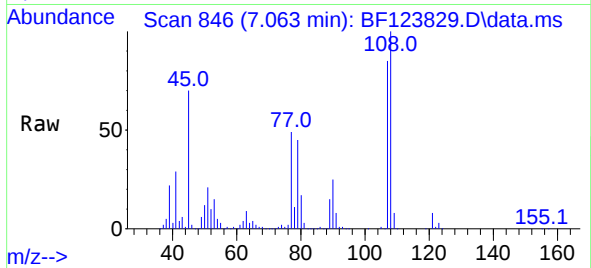
#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.06 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 45 Resp: 1615127
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 9.3 0.0 27.3

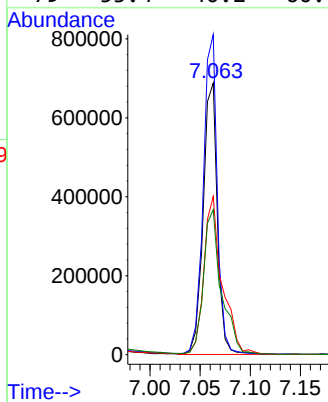
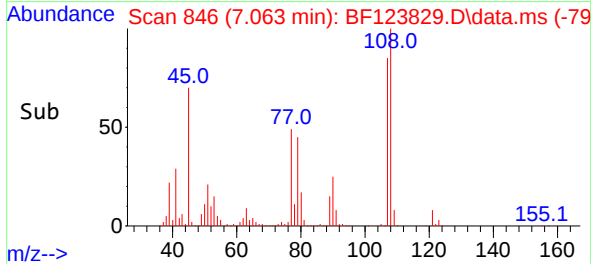




#17
2-Methylphenol
Concen: 50.95 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



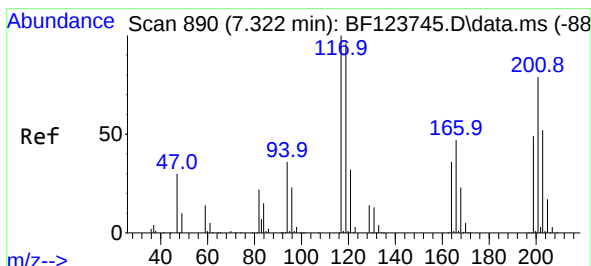
Tgt Ion:107 Resp: 683066
Ion Ratio Lower Upper
107 100
108 117.8 89.8 134.8
77 58.3 40.9 61.3
79 53.4 40.2 60.4



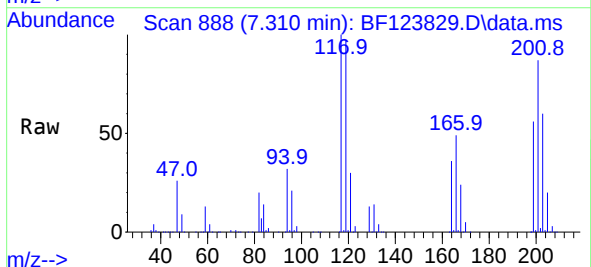
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

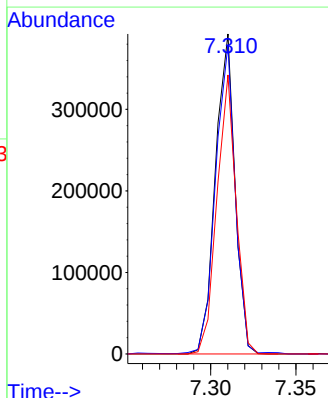
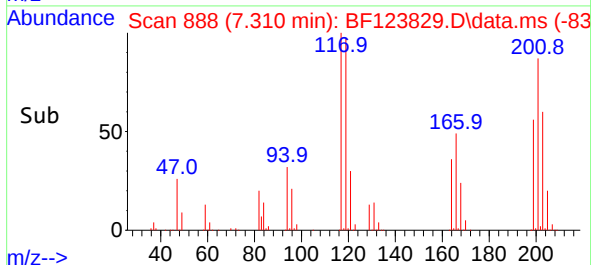
mohammad
5/6/2021 4:50:51 PM

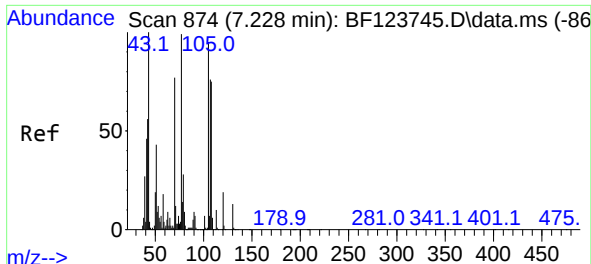


#18
Hexachloroethane
Concen: 49.35 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



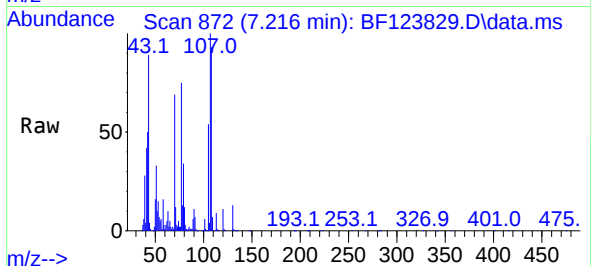
Tgt Ion:117 Resp: 314143
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.8
201 87.2 67.8 101.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.58 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

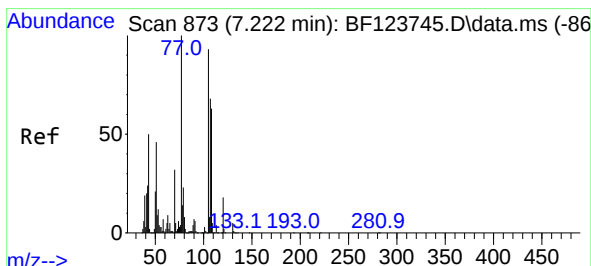
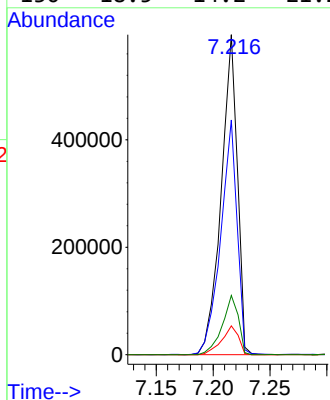
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



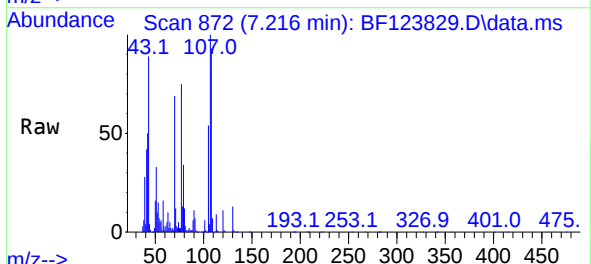
Tgt Ion: 70 Resp: 591798
Ion Ratio Lower Upper
70 100
42 73.4 60.1 90.1
101 9.0 7.4 11.2
130 18.5 14.2 21.2

Manual Integrations
APPROVED

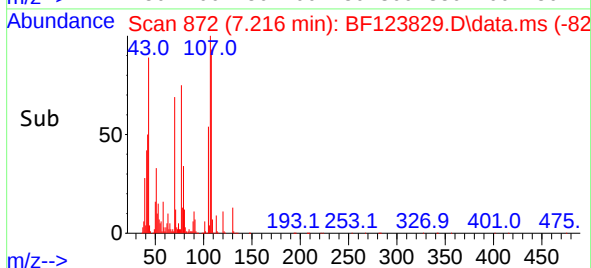
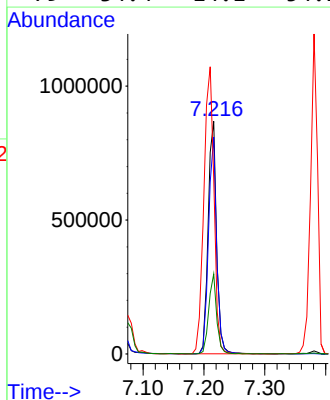
mohammad
5/6/2021 4:50:51 PM

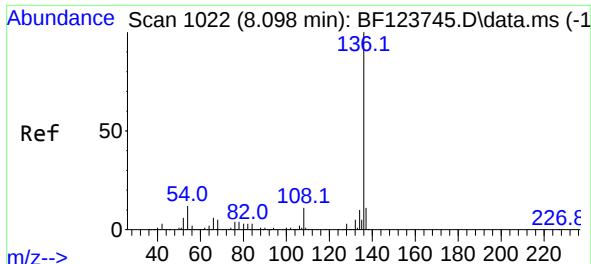


#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



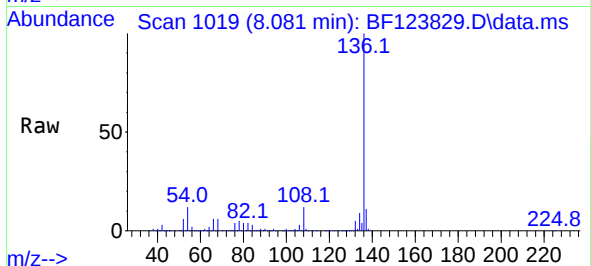
Tgt Ion: 107 Resp: 836288
Ion Ratio Lower Upper
107 100
108 93.2 71.5 111.5
77 75.4 82.0 122.0#
79 34.4 14.1 54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

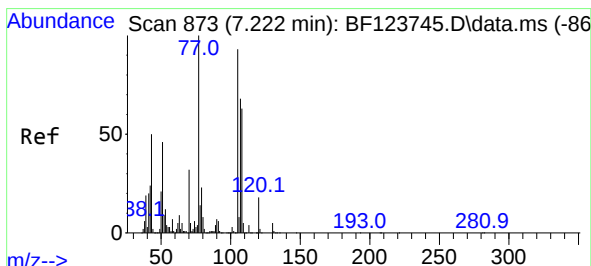
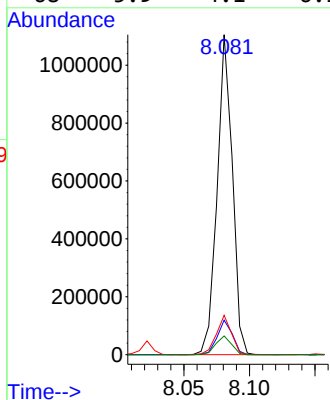
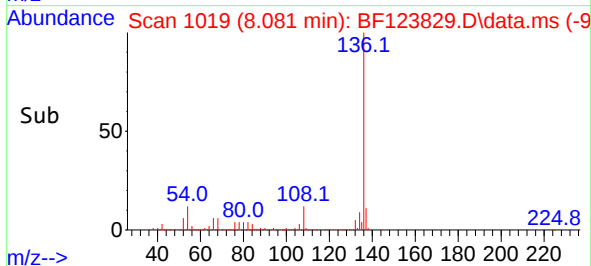
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



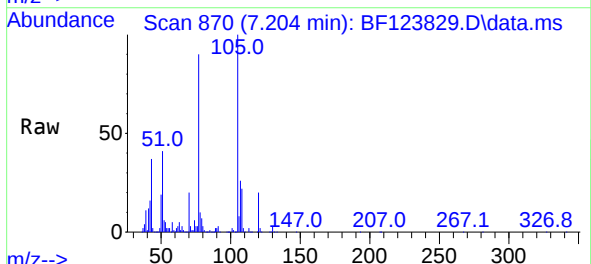
Tgt Ion:136 Resp: 889394
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.3 9.8 14.6
68 5.9 4.1 6.1

Manual Integrations
APPROVED

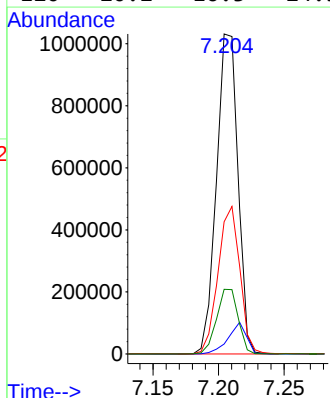
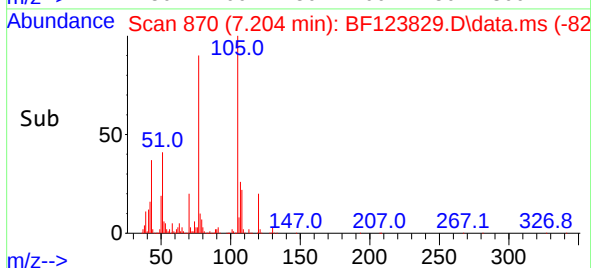
mohammad
5/6/2021 4:50:51 PM

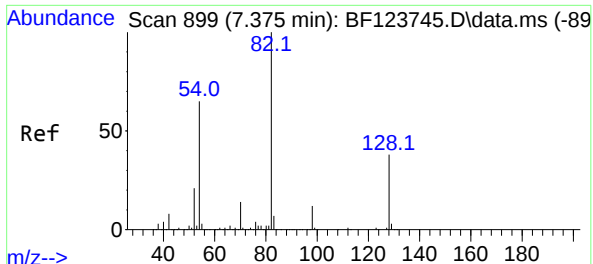


#22
Acetophenone
Concen: 48.59 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion:105 Resp: 1174589
Ion Ratio Lower Upper
105 100
71 3.1 4.2 6.4#
51 41.3 33.6 50.4
120 20.2 16.3 24.5





#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

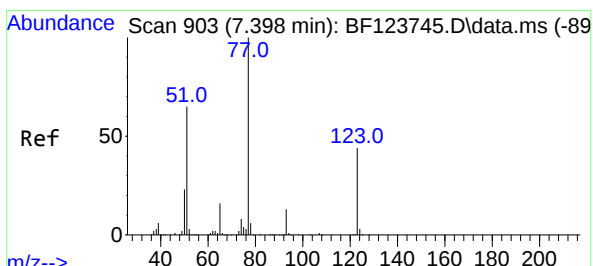
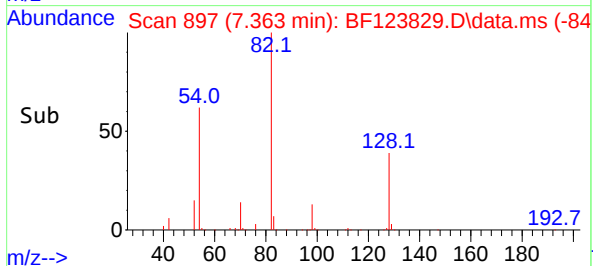
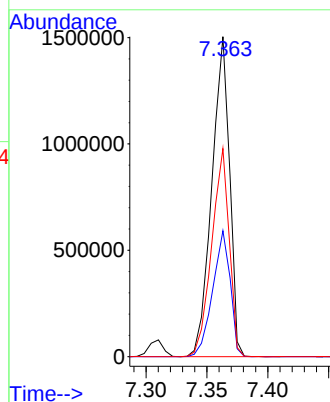
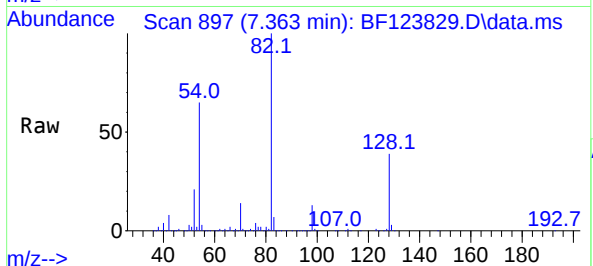
Tgt Ion: 82 Resp: 1520364

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	65.0	54.1	81.1

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

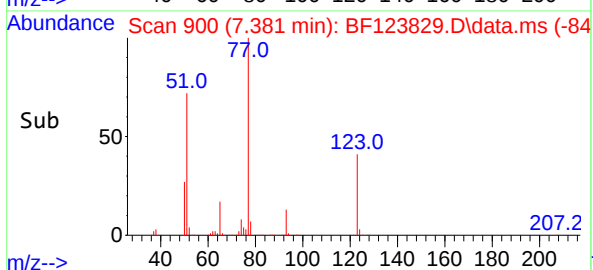
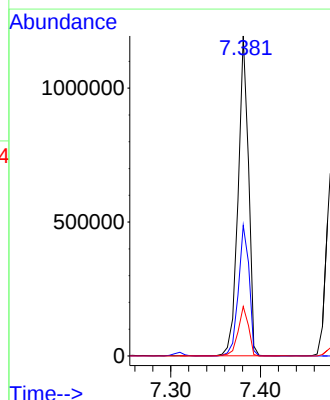
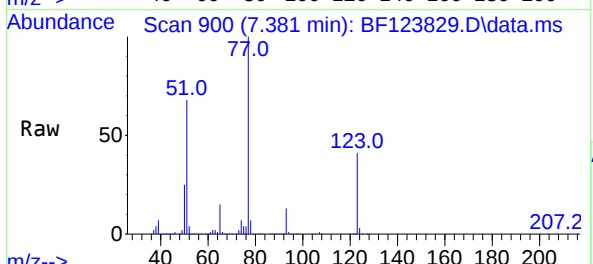
mohammad
5/6/2021 4:50:51 PM

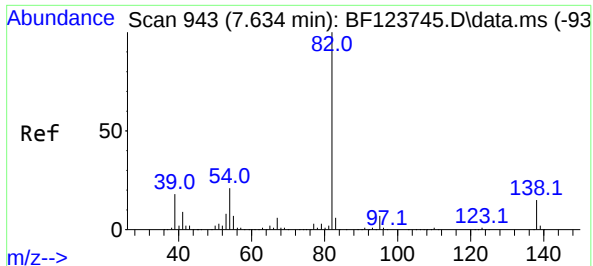


#24
Nitrobenzene
Concen: 46.68 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 77 Resp: 957913

Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.5	51.7
65	15.4	12.2	18.2





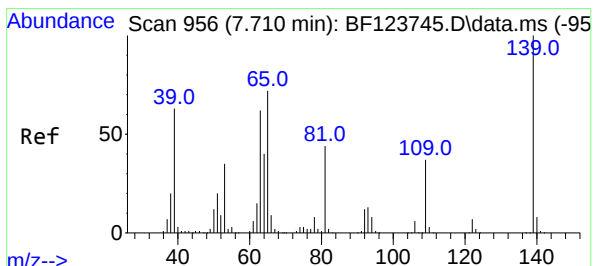
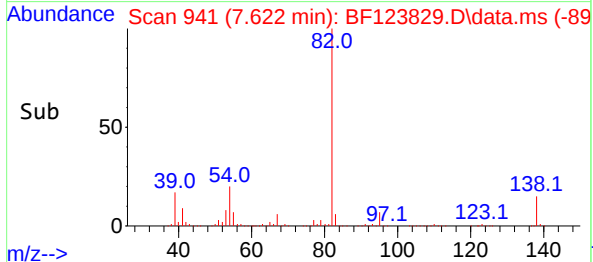
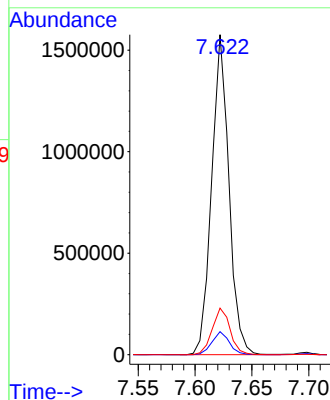
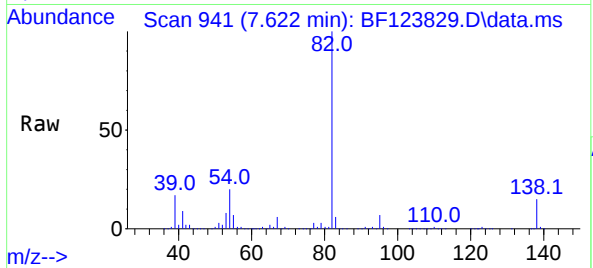
#25
Isophorone
Concen: 45.07 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Tgt Ion: 82 Resp: 1664972
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 14.6 11.8 17.8

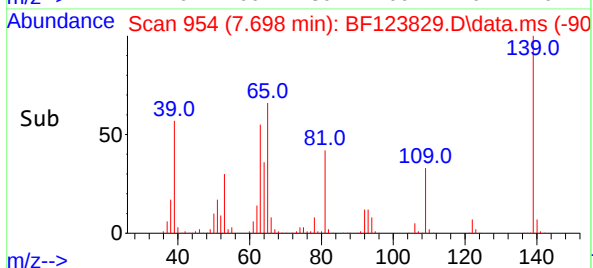
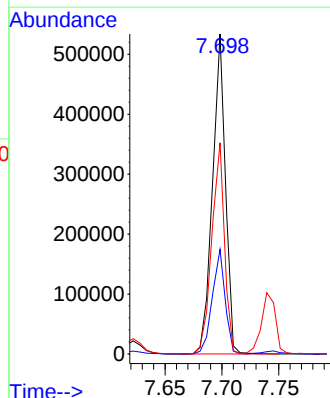
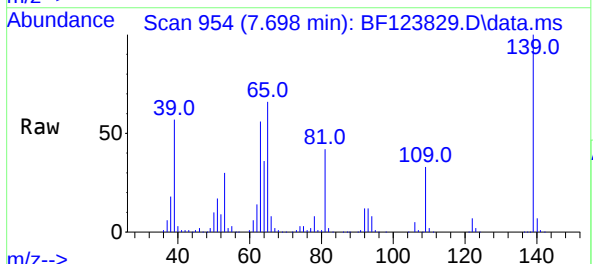
Manual Integrations
APPROVED

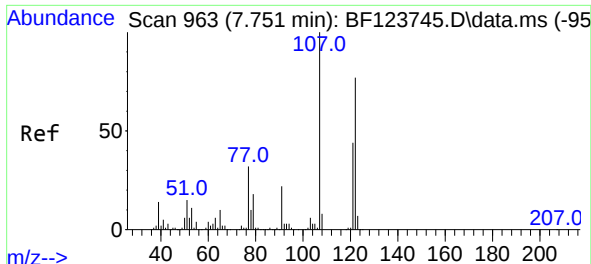
mohammad
5/6/2021 4:50:51 PM



#26
2-Nitrophenol
Concen: 50.41 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

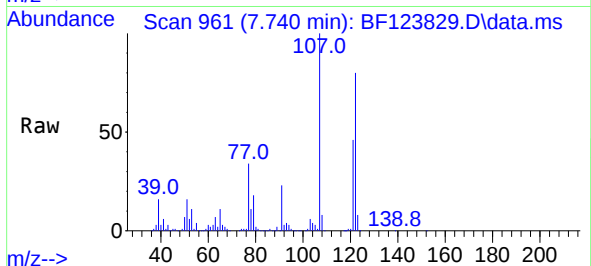
Tgt Ion: 139 Resp: 422177
Ion Ratio Lower Upper
139 100
109 32.7 28.6 43.0
65 66.0 56.8 85.2





#27
2,4-Dimethylphenol
Concen: 54.43 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

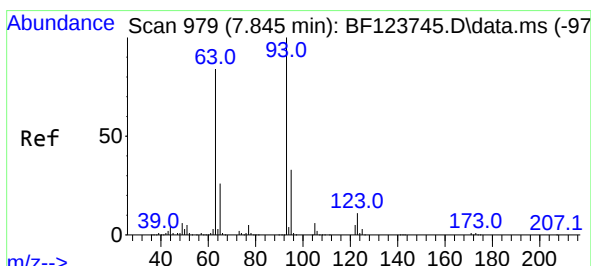
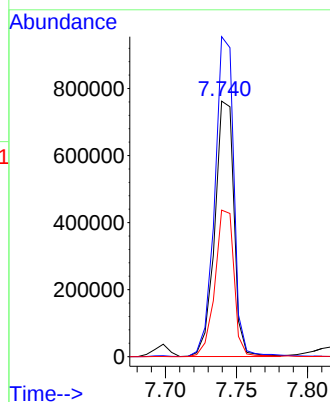
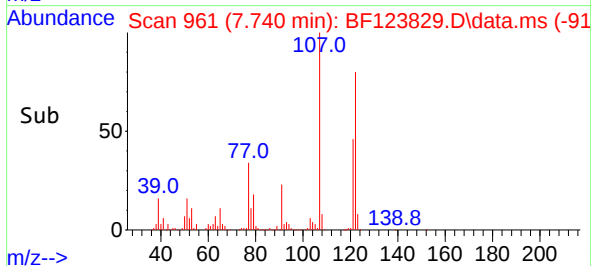
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



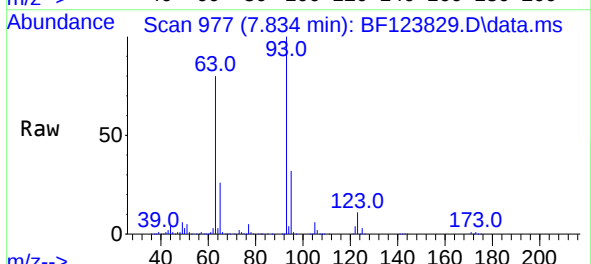
Tgt Ion:122 Resp: 716035
Ion Ratio Lower Upper
122 100
107 125.2 106.3 159.5
121 57.3 45.4 68.0

Manual Integrations
APPROVED

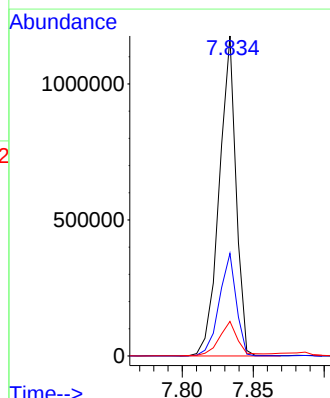
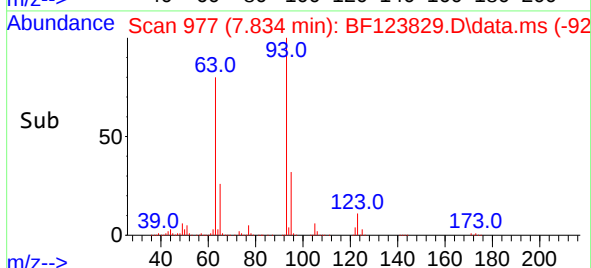
mohammad
5/6/2021 4:50:51 PM

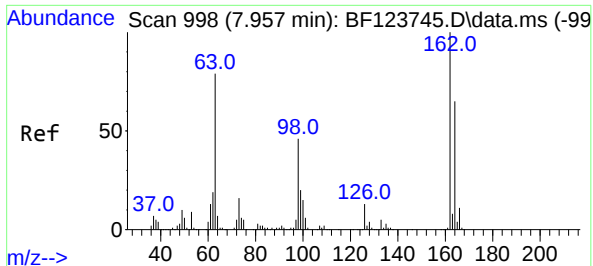


#28
bis(2-Chloroethoxy)methane
Concen: 51.39 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion: 93 Resp: 967339
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.8 8.4 12.6





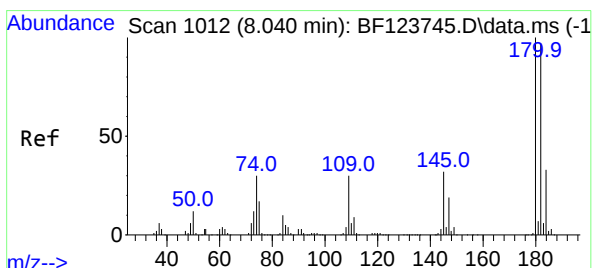
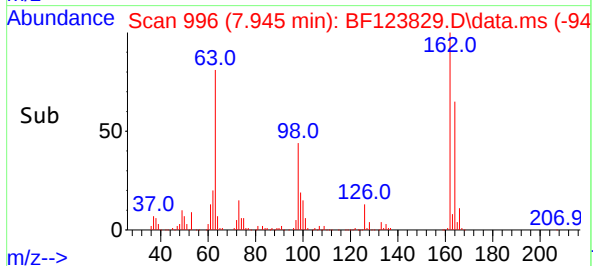
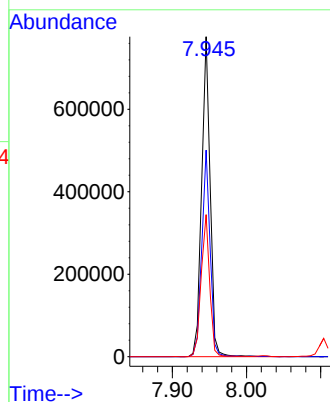
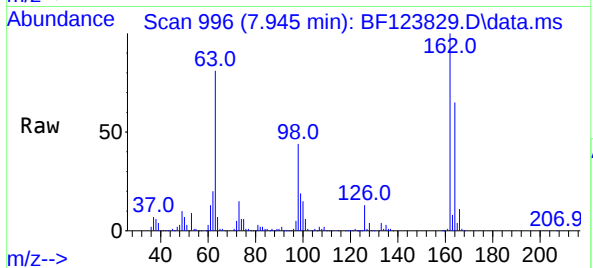
#29
2,4-Dichlorophenol
Concen: 48.05 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:162 Resp: 623028
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 44.4 27.3 67.3

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

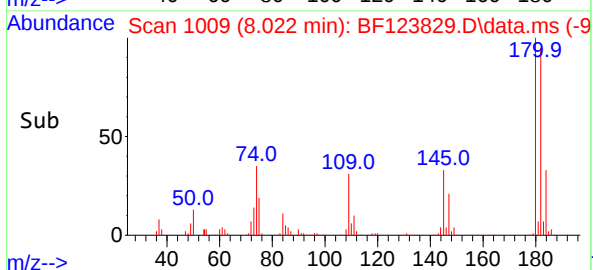
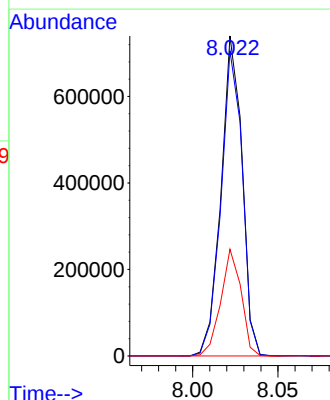
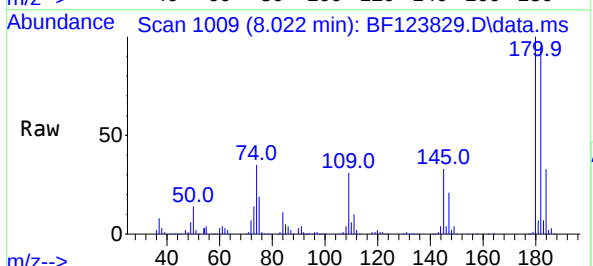
Manual Integrations
APPROVED

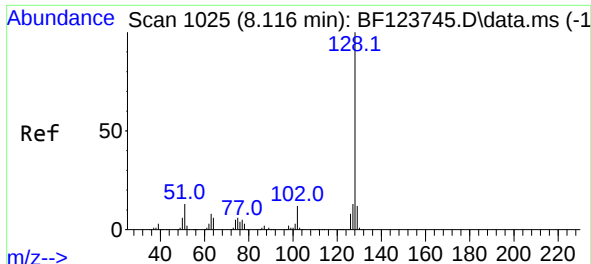
mohammad
5/6/2021 4:50:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.91 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:180 Resp: 637336
Ion Ratio Lower Upper
180 100
182 95.4 77.2 115.8
145 33.4 26.0 39.0





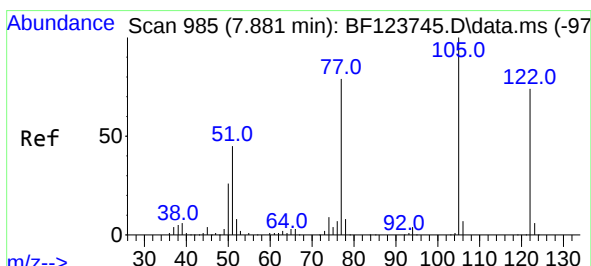
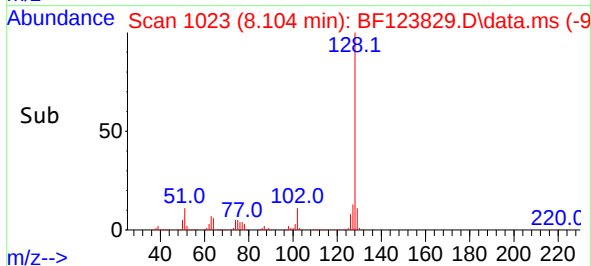
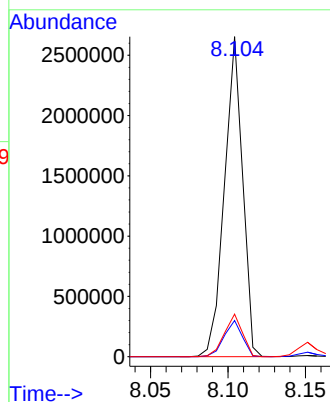
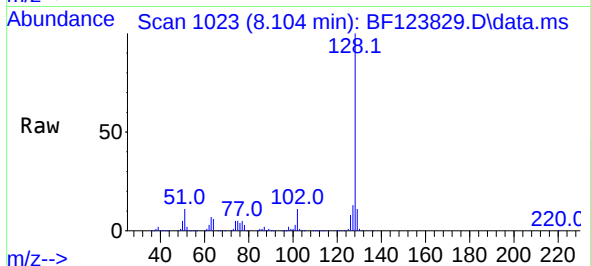
#31
Naphthalene
Concen: 47.21 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Tgt Ion:128 Resp: 2162355
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.8 16.2

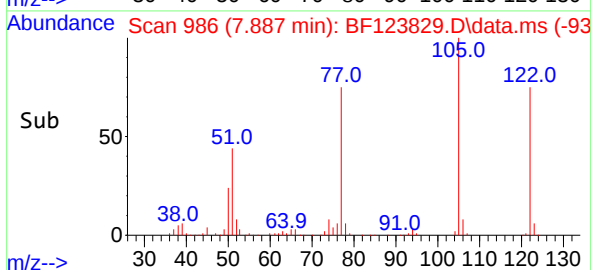
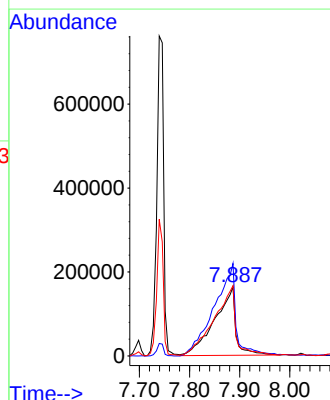
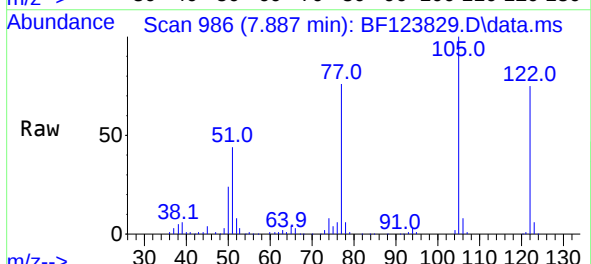
Manual Integrations
APPROVED

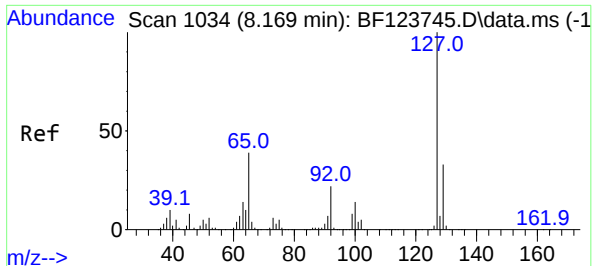
mohammad
5/6/2021 4:50:51 PM



#32
Benzoic acid
Concen: 52.35 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:122 Resp: 477867
Ion Ratio Lower Upper
122 100
105 133.8 107.8 147.8
77 101.7 81.6 121.6





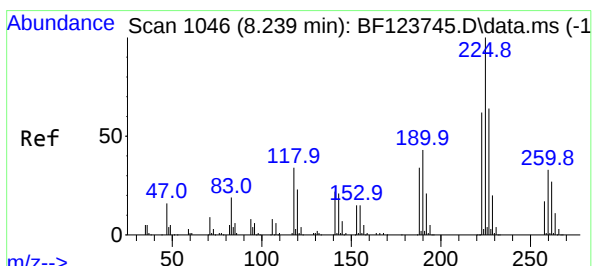
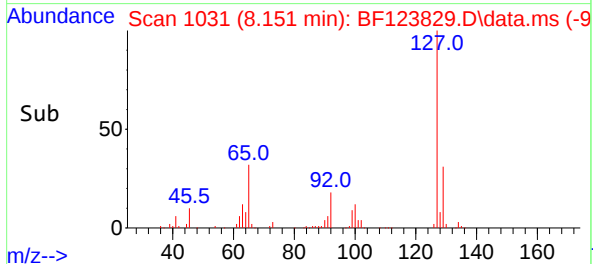
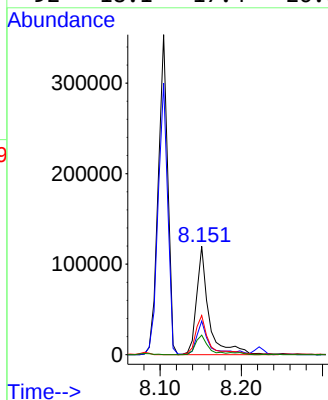
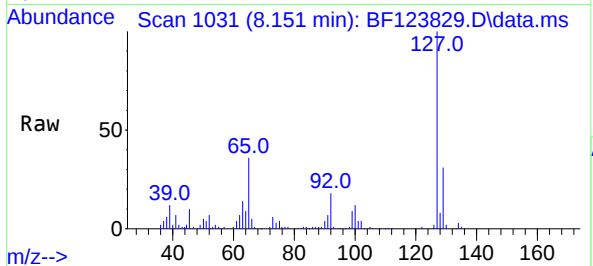
#33
4-Chloroaniline
Concen: 6.69 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Tgt Ion:	127	Resp:	127814
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.7	38.5
65	36.2	34.5	51.7
92	18.1	17.4	26.0

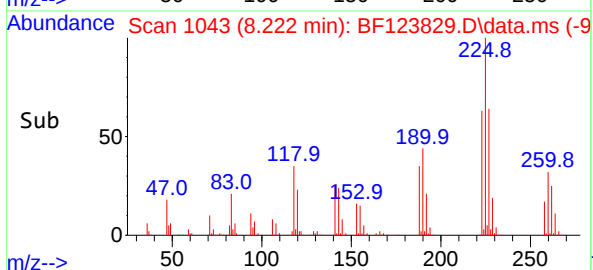
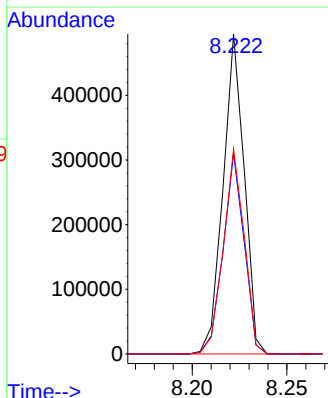
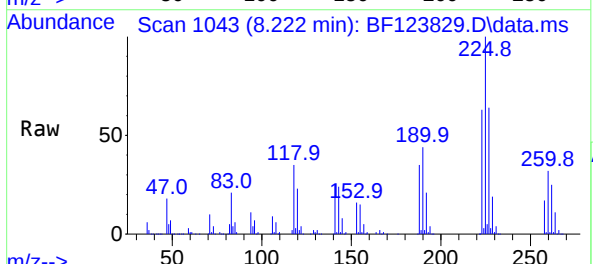
Manual Integrations
APPROVED

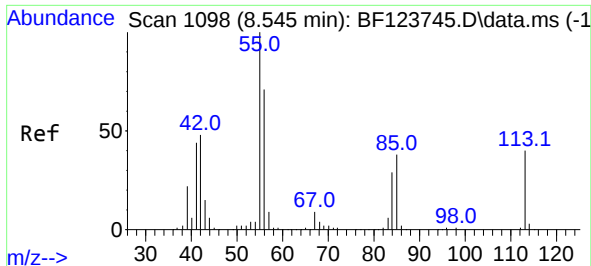
mohammad
5/6/2021 4:50:51 PM



#34
Hexachlorobutadiene
Concen: 46.25 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:	225	Resp:	382988
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6
227	64.1	51.4	77.0





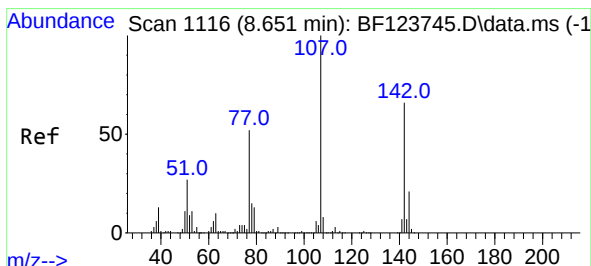
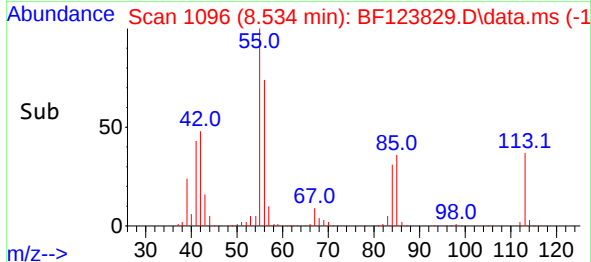
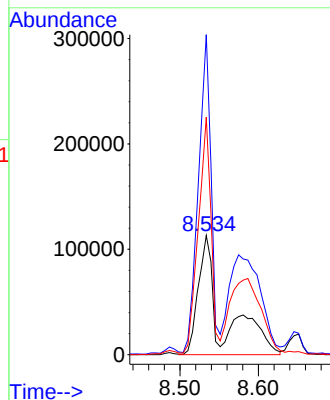
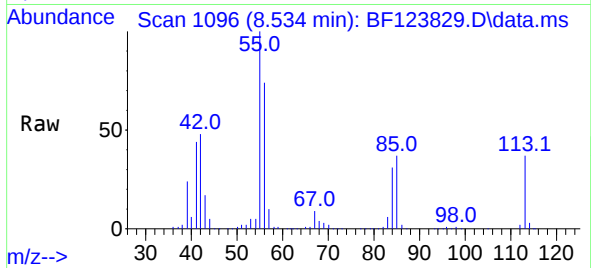
#35
Caprolactam
Concen: 53.05 ng m
RT: 8.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:113 Resp: 241505
Ion Ratio Lower Upper
113 100
55 268.4 254.9 294.9
56 199.4 179.4 219.4

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

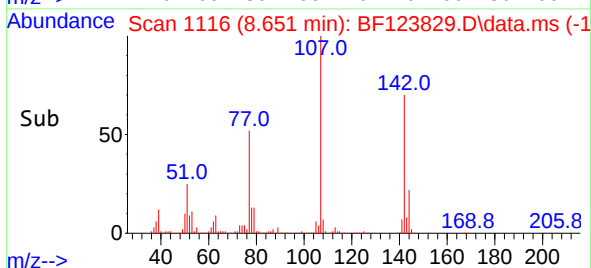
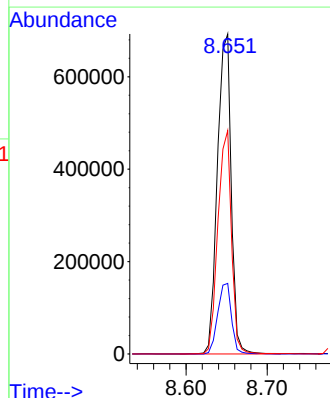
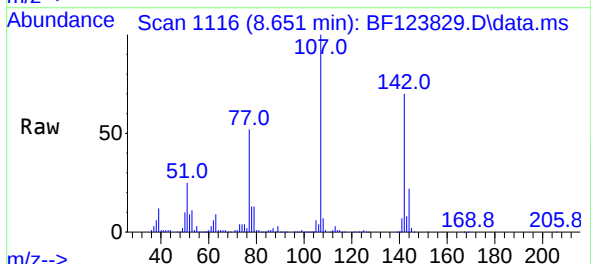
Manual Integrations
APPROVED

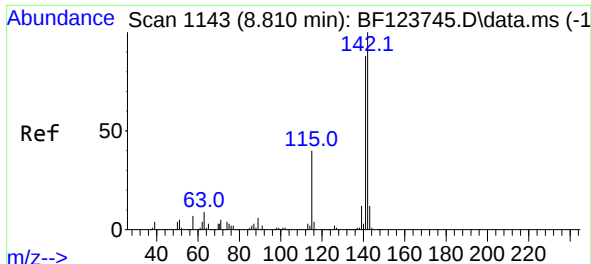
mohammad
5/6/2021 4:50:51 PM



#36
4-Chloro-3-methylphenol
Concen: 50.60 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:107 Resp: 818540
Ion Ratio Lower Upper
107 100
144 22.1 16.3 24.5
142 69.8 50.1 75.1





#37

2-Methylnaphthalene

Concen: 48.23 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF123829.D

Acq: 5 May 2021 16:00

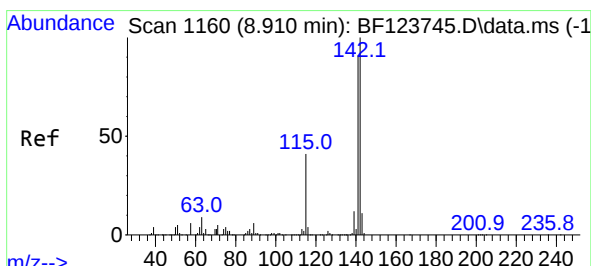
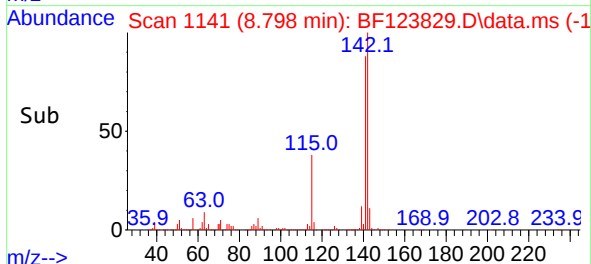
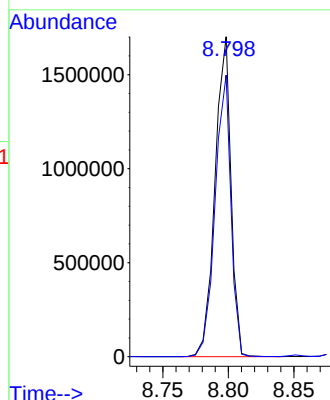
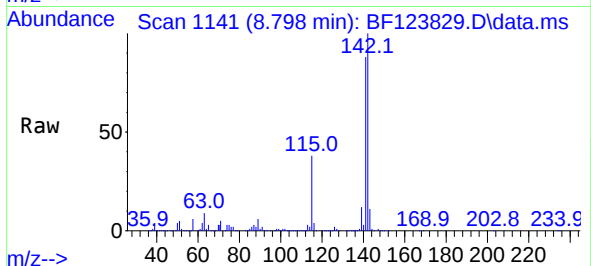
Tgt Ion:142 Resp: 1439405

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.8	107.6

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



#38

1-Methylnaphthalene

Concen: 47.29 ng

RT: 8.898 min Scan# 1158

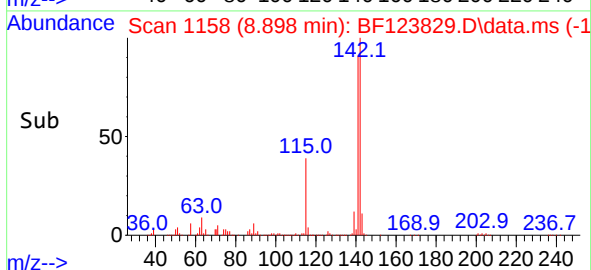
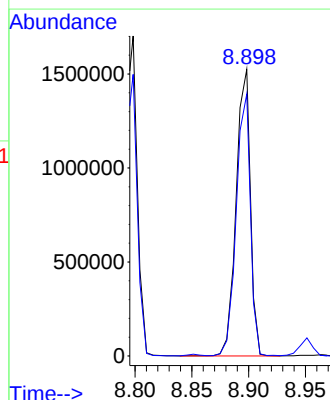
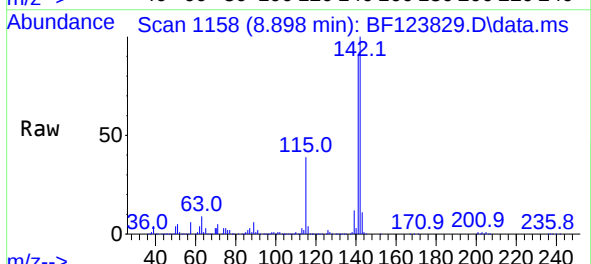
Delta R.T. 0.000 min

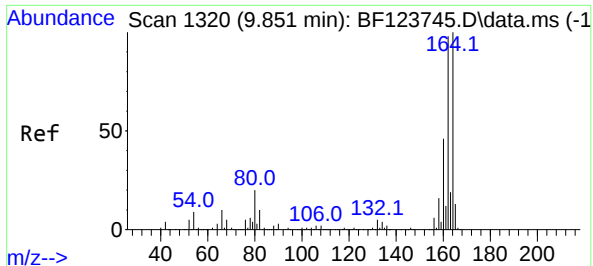
Lab File: BF123829.D

Acq: 5 May 2021 16:00

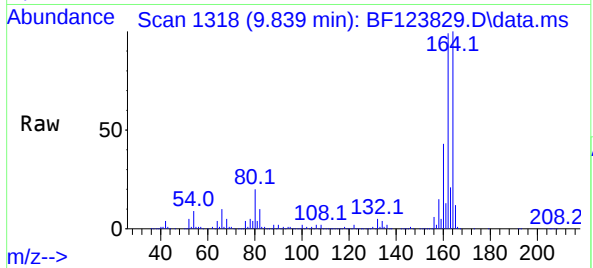
Tgt Ion:142 Resp: 1326448

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.8	109.2

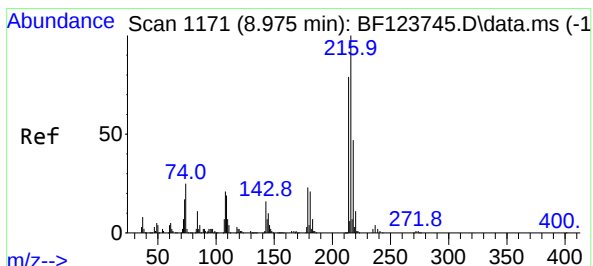
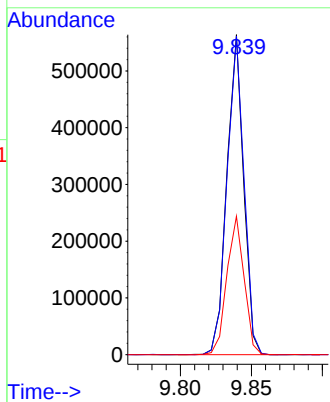
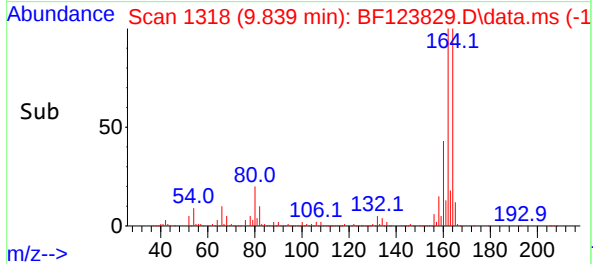




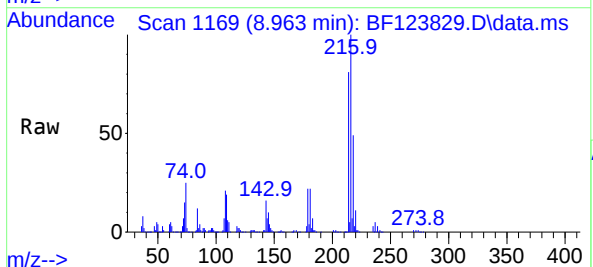
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



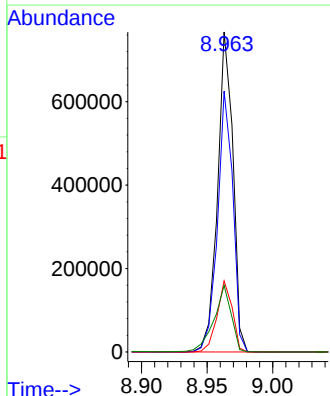
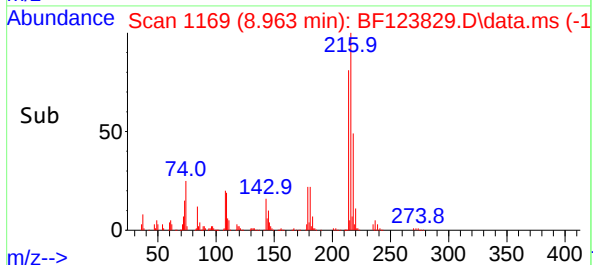
Tgt Ion:164 Resp: 461891
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 43.3 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.81 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



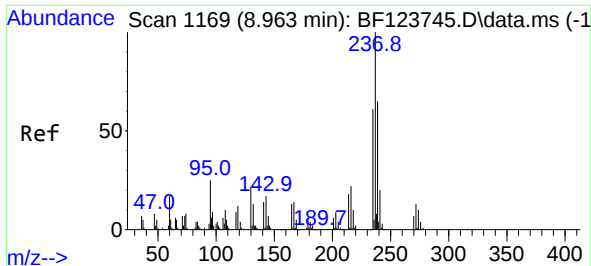
Tgt Ion:216 Resp: 622673
Ion Ratio Lower Upper
216 100
214 81.1 63.8 95.8
179 22.1 17.9 26.9
108 23.6 18.6 28.0



Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



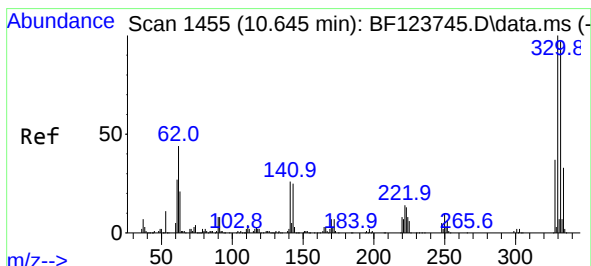
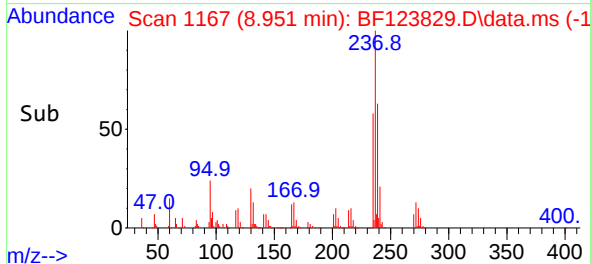
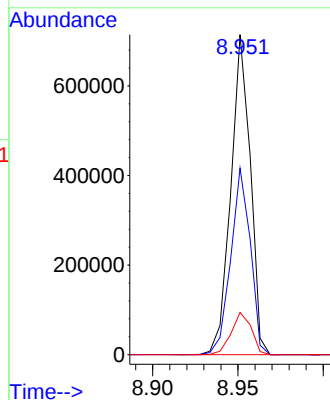
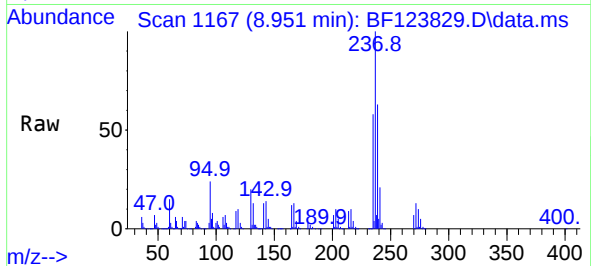
#41
Hexachlorocyclopentadiene
Concen: 96.11 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:237 Resp: 568796
Ion Ratio Lower Upper
237 100
235 58.3 38.8 78.8
272 13.2 0.0 32.4

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

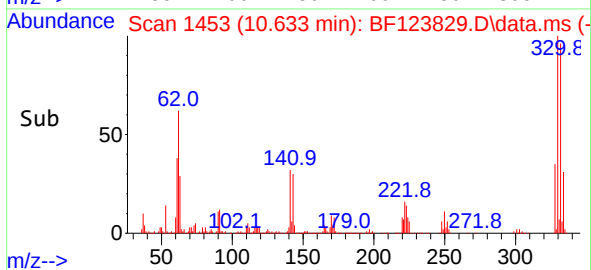
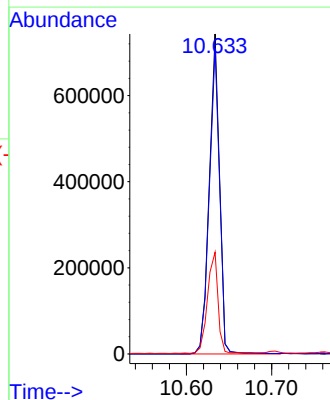
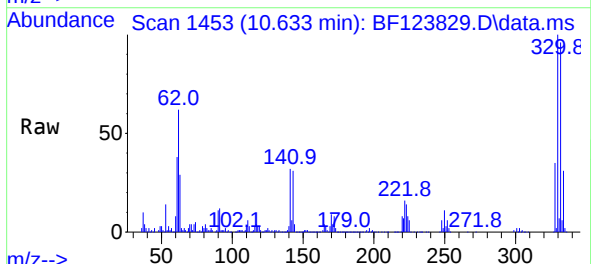
Manual Integrations
APPROVED

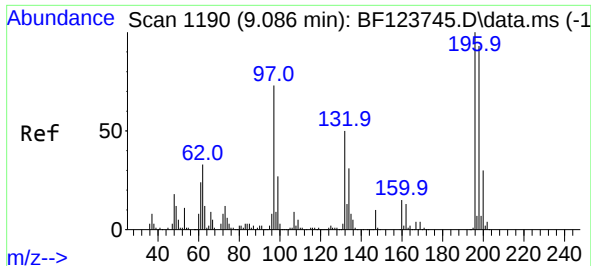
mohammad
5/6/2021 4:50:51 PM



#42
2,4,6-Tribromophenol
Concen: 108.13 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:330 Resp: 621737
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 32.4 27.9 41.9





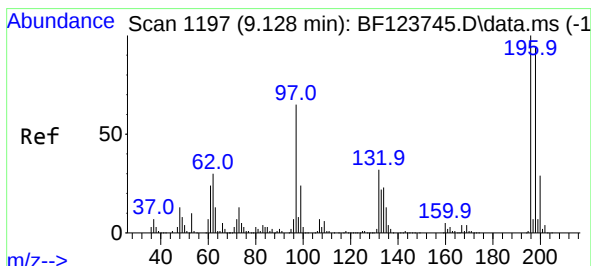
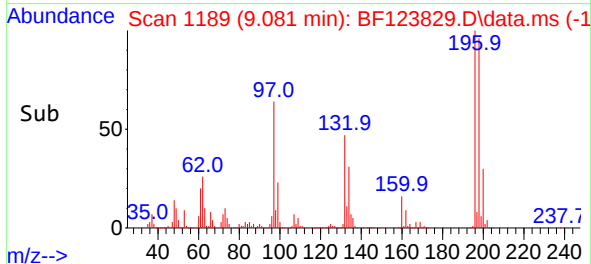
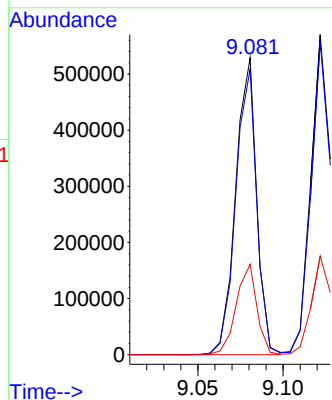
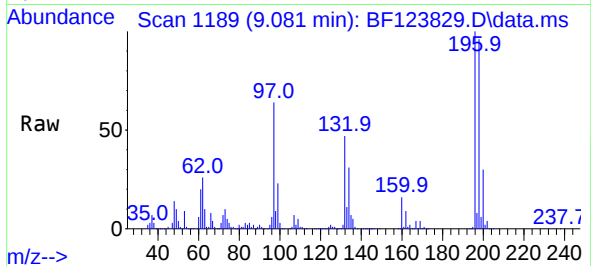
#43
2,4,6-Trichlorophenol
Concen: 48.41 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:196 Resp: 453285
Ion Ratio Lower Upper
196 100
198 96.2 78.2 117.2
200 30.4 25.0 37.6

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

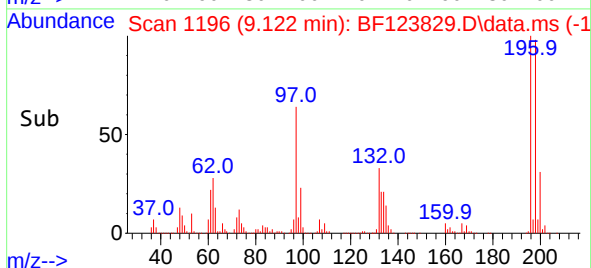
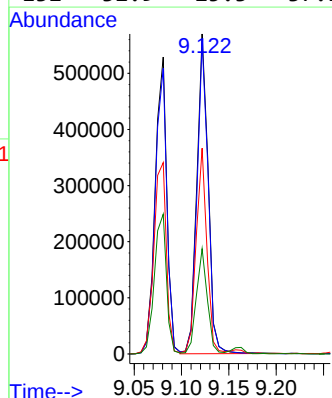
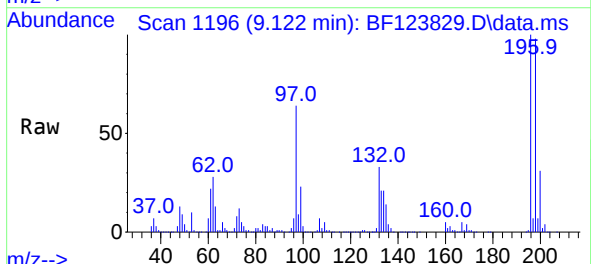
Manual Integrations
APPROVED

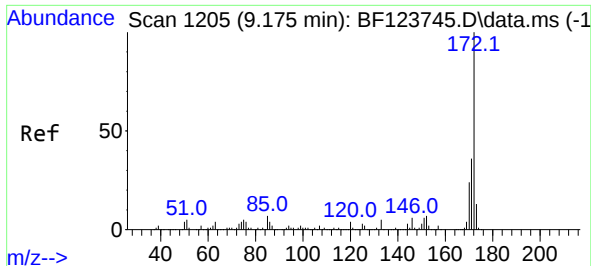
mohammad
5/6/2021 4:50:51 PM



#44
2,4,5-Trichlorophenol
Concen: 47.35 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:196 Resp: 475630
Ion Ratio Lower Upper
196 100
198 97.7 76.5 114.7
97 64.3 52.9 79.3
132 32.9 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 70.69 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

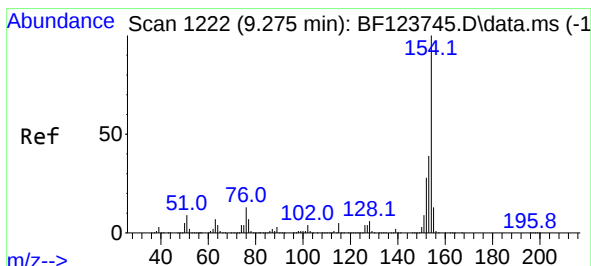
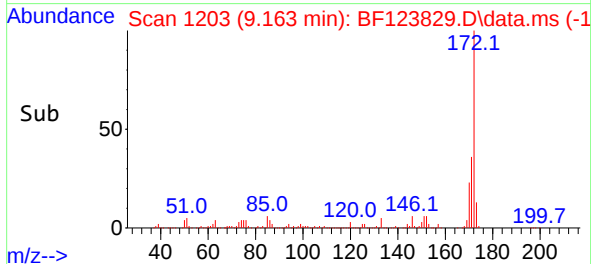
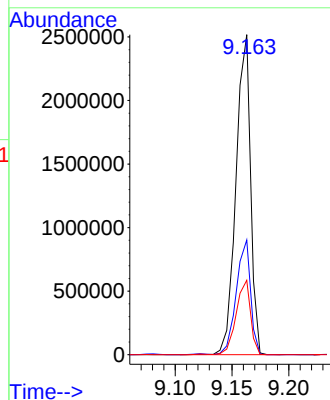
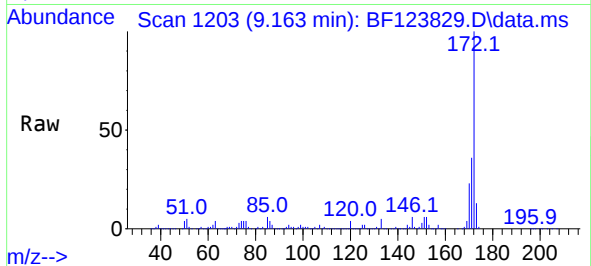
Tgt Ion:172 Resp: 2242004

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	23.3	19.2	28.8

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

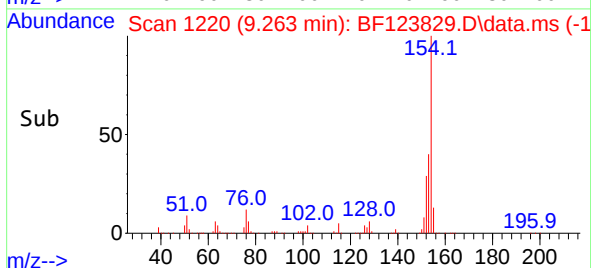
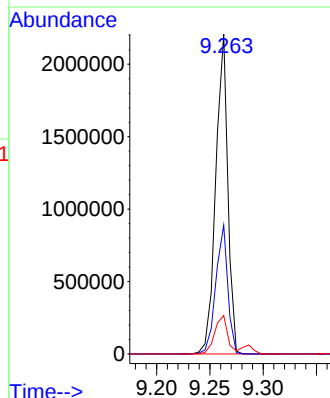
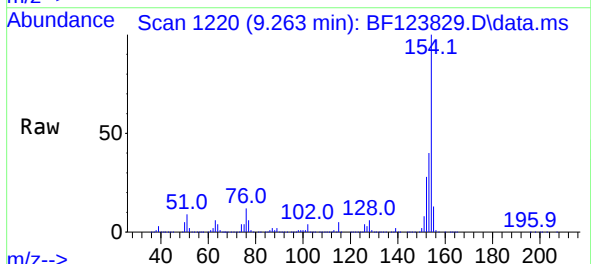
mohammad
5/6/2021 4:50:51 PM

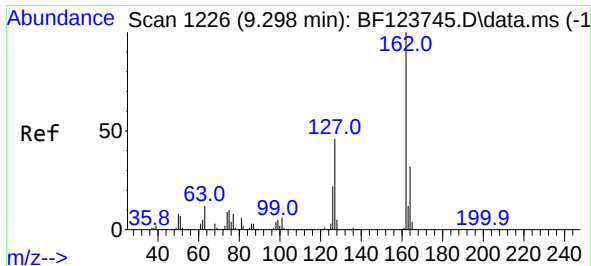


#46
1,1'-Biphenyl
Concen: 45.99 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:154 Resp: 1740334

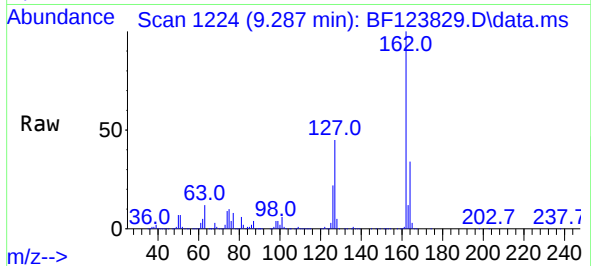
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	12.0	0.0	31.7





#47
 2-Chloronaphthalene
 Concen: 45.49 ng
 RT: 9.287 min Scan# 1224
 Delta R.T. 0.000 min
 Lab File: BF123829.D
 Acq: 5 May 2021 16:00

Instrument :
 BNA_F
 ClientSampleId :
 CRT-020MSD

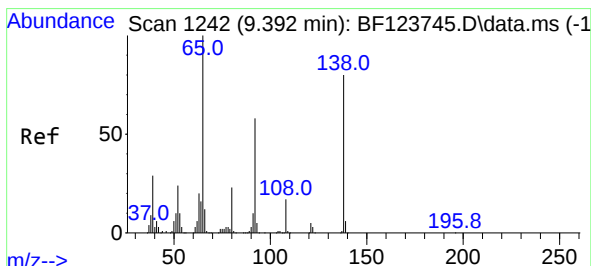
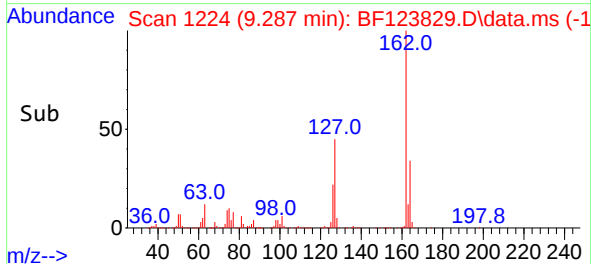
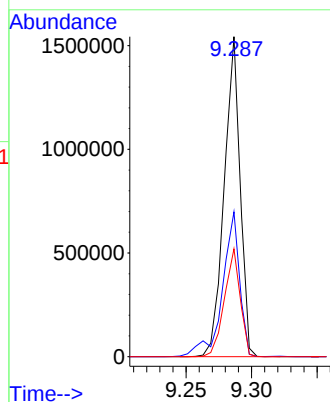


Tgt Ion: 162 Resp: 1297817

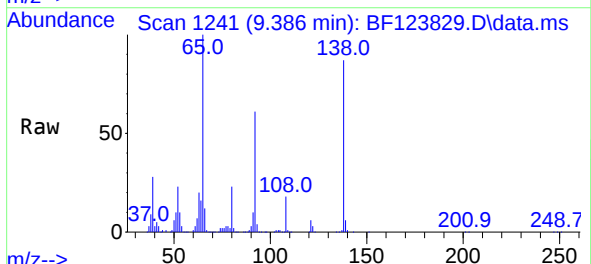
Ion	Ratio	Lower	Upper
162	100		
127	45.2	36.2	54.2
164	33.7	25.4	38.2

Manual Integrations
 APPROVED

mohammad
 5/6/2021 4:50:51 PM

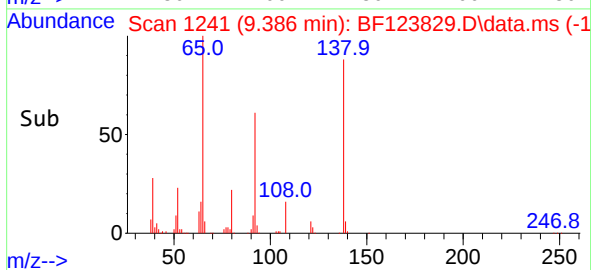
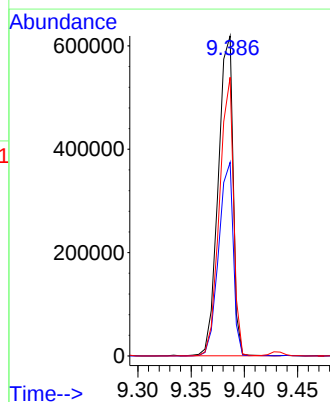


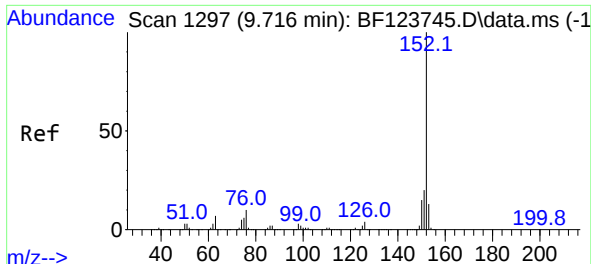
#48
 2-Nitroaniline
 Concen: 47.48 ng
 RT: 9.386 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: BF123829.D
 Acq: 5 May 2021 16:00



Tgt Ion: 65 Resp: 596773

Ion	Ratio	Lower	Upper
65	100		
92	60.5	47.1	70.7
138	87.1	70.2	105.2





#49
Acenaphthylene
Concen: 46.74 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

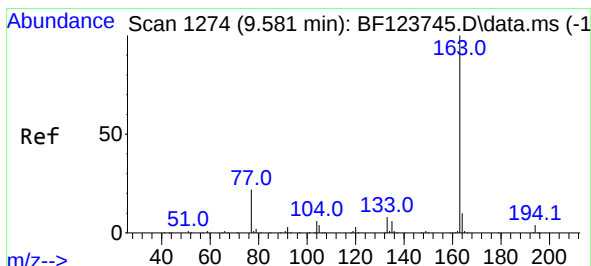
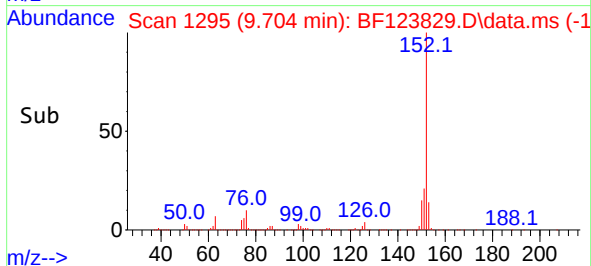
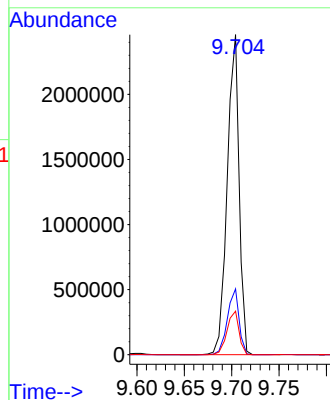
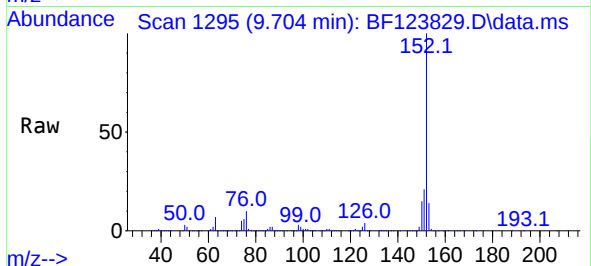
Tgt Ion:152 Resp: 2152376

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	13.6	10.4	15.6

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

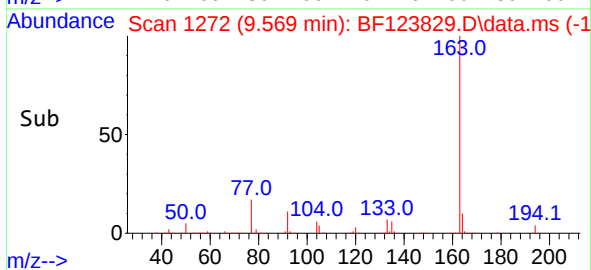
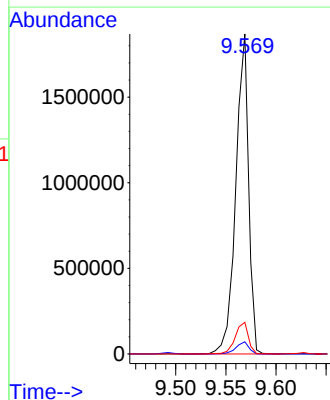
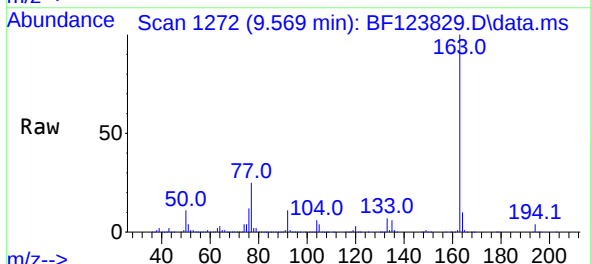
mohammad
5/6/2021 4:50:51 PM

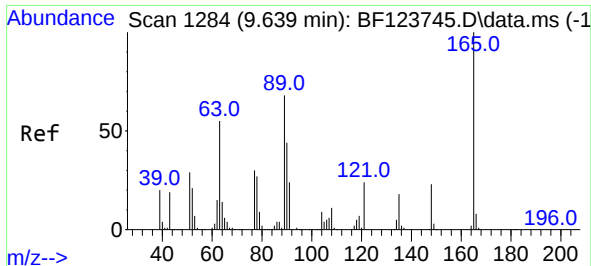


#50
Dimethylphthalate
Concen: 50.83 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:163 Resp: 1653553

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2





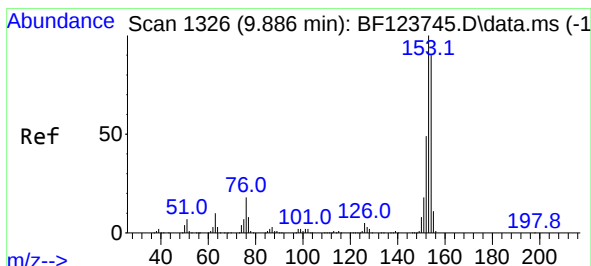
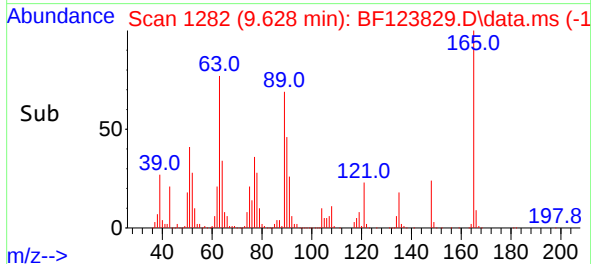
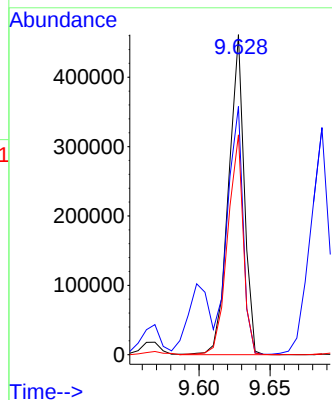
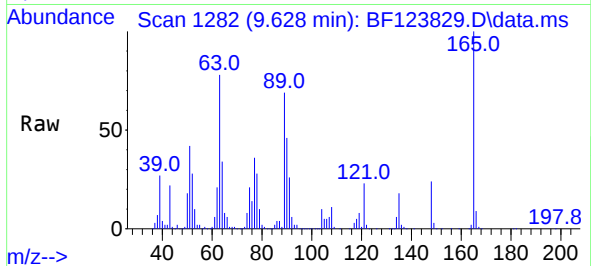
#51
2,6-Dinitrotoluene
Concen: 46.80 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:165 Resp: 351987
Ion Ratio Lower Upper
165 100
63 77.5 67.7 101.5
89 68.7 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

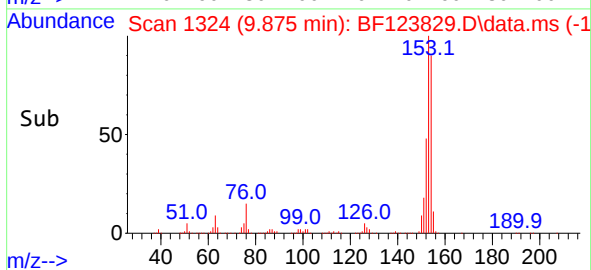
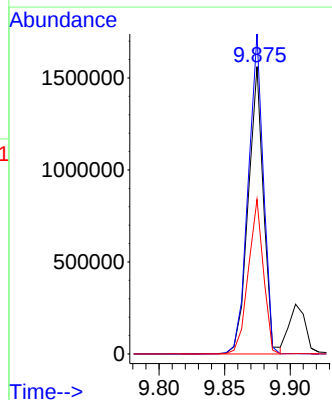
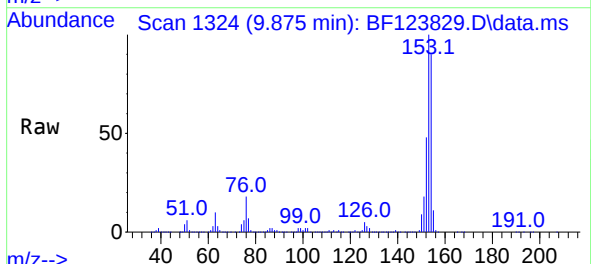
Manual Integrations
APPROVED

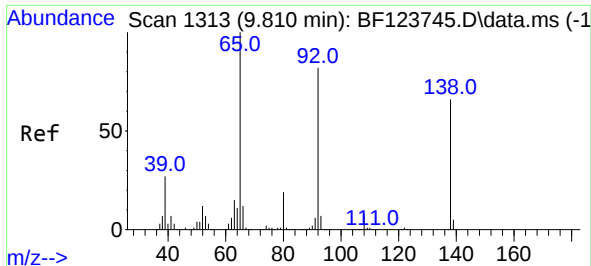
mohammad
5/6/2021 4:50:51 PM



#52
Acenaphthene
Concen: 45.22 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:154 Resp: 1268772
Ion Ratio Lower Upper
154 100
153 111.4 88.1 132.1
152 53.8 43.4 65.0





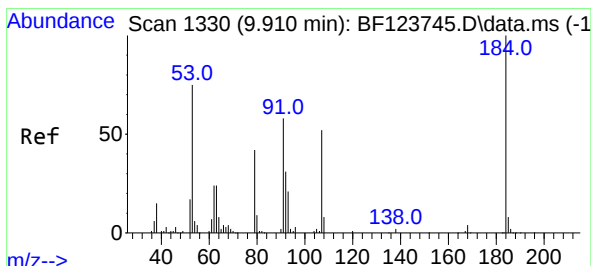
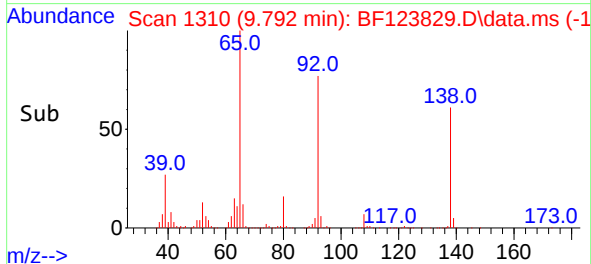
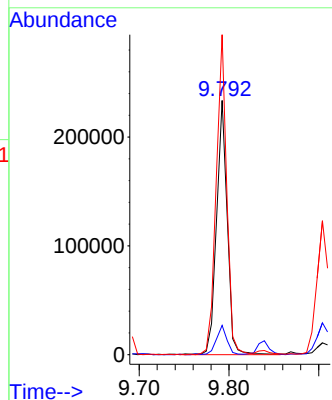
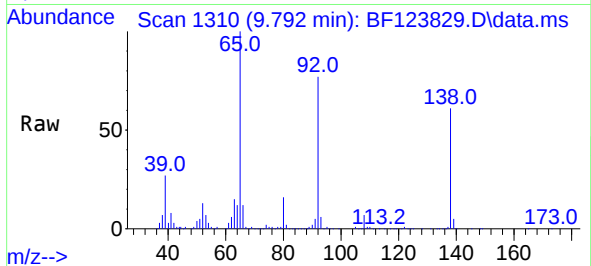
#53
3-Nitroaniline
Concen: 21.55 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:138 Resp: 193599
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.4
92 125.9 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

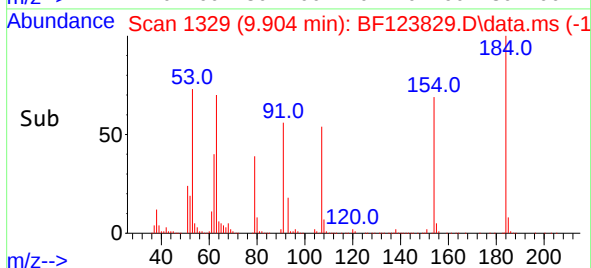
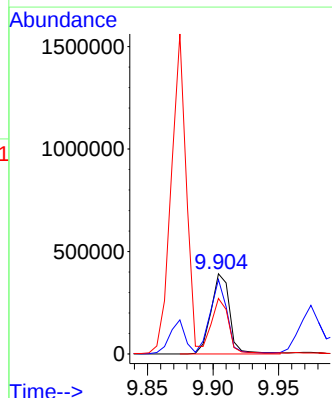
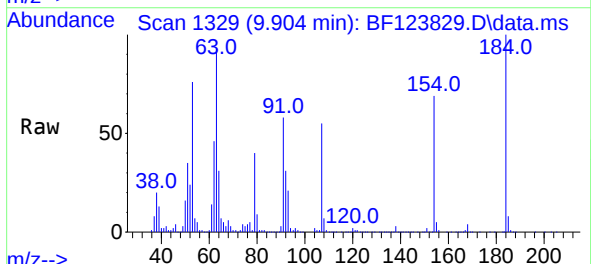
Manual Integrations
APPROVED

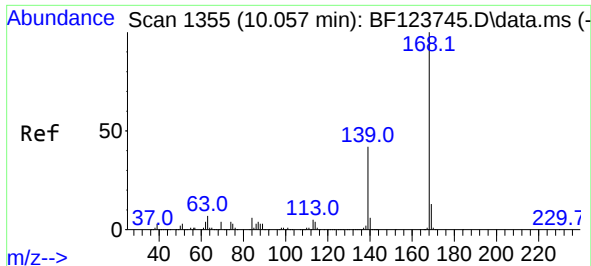
mohammad
5/6/2021 4:50:51 PM



#54
2,4-Dinitrophenol
Concen: 97.36 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

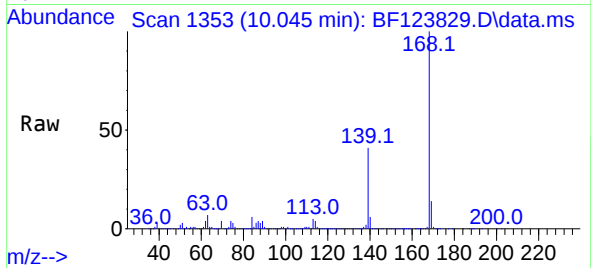
Tgt Ion:184 Resp: 388922
Ion Ratio Lower Upper
184 100
63 92.8 73.5 110.3
154 69.3 52.5 78.7





#55
Dibenzofuran
Concen: 44.93 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

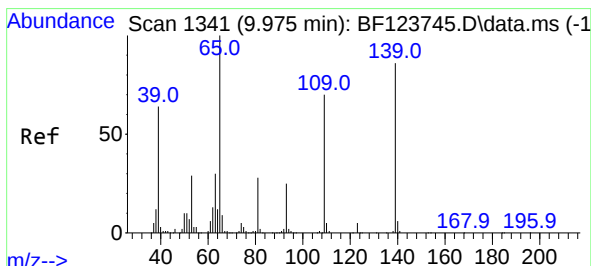
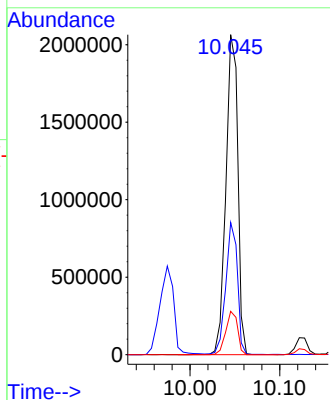
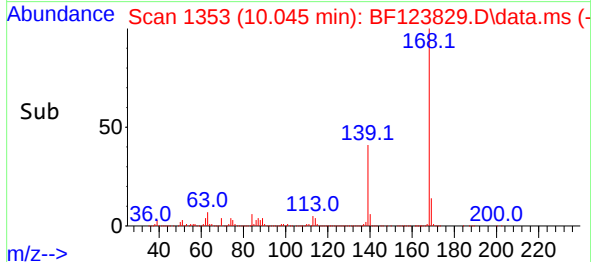
Instrument :
BNA_F
ClientSampled :
CRT-020MSD



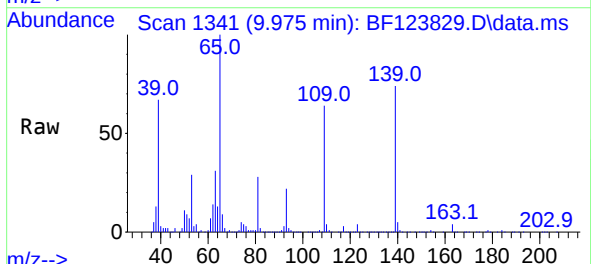
Tgt Ion:168 Resp: 1906598
Ion Ratio Lower Upper
168 100
139 41.3 33.2 49.8
169 13.5 10.8 16.2

Manual Integrations
APPROVED

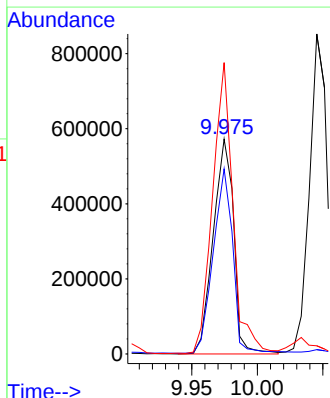
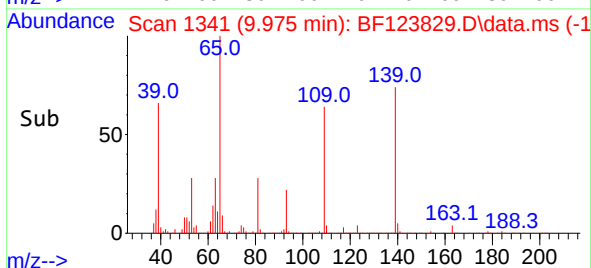
mohammad
5/6/2021 4:50:51 PM

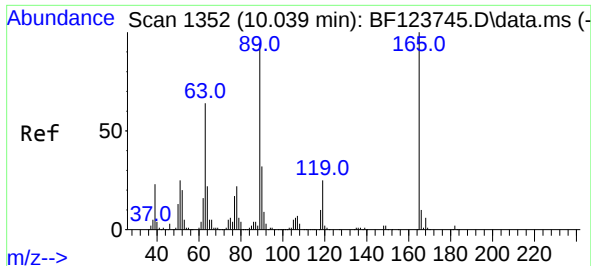


#56
4-Nitrophenol
Concen: 94.58 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion:139 Resp: 618785
Ion Ratio Lower Upper
139 100
109 86.2 63.2 103.2
65 135.6 110.0 150.0





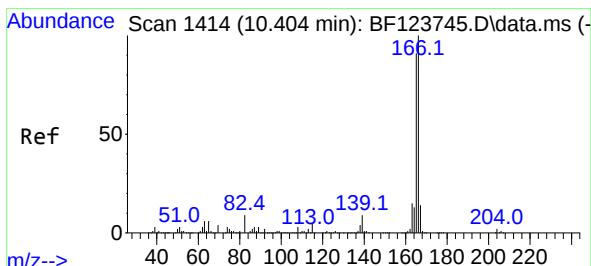
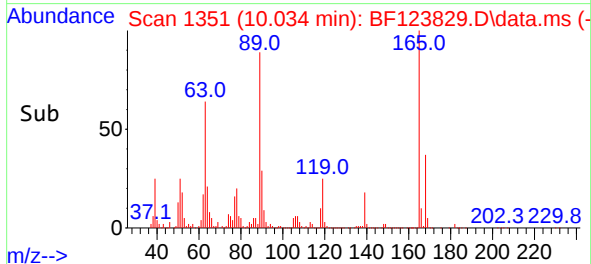
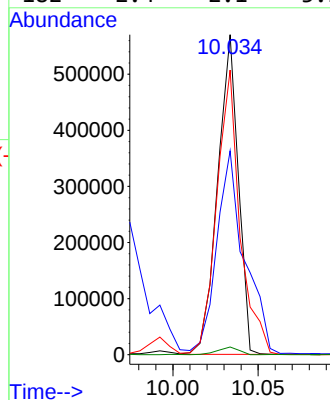
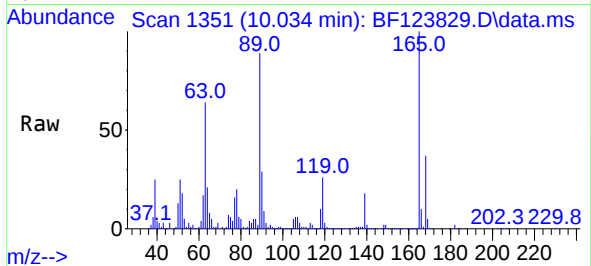
#57
2,4-Dinitrotoluene
Concen: 46.88 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:165 Resp: 480684
Ion Ratio Lower Upper
165 100
63 63.7 43.5 65.3
89 88.9 67.7 101.5
182 2.4 2.1 3.1

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

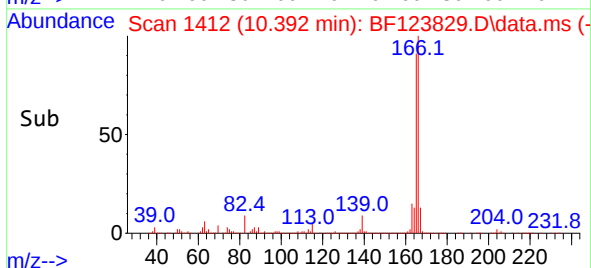
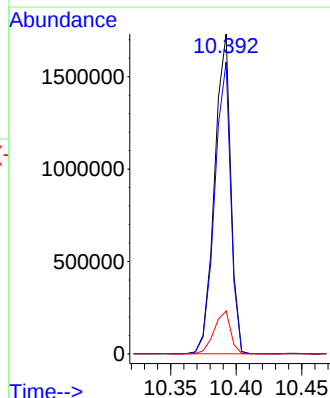
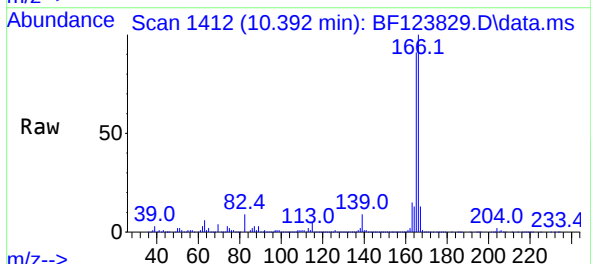
Manual Integrations
APPROVED

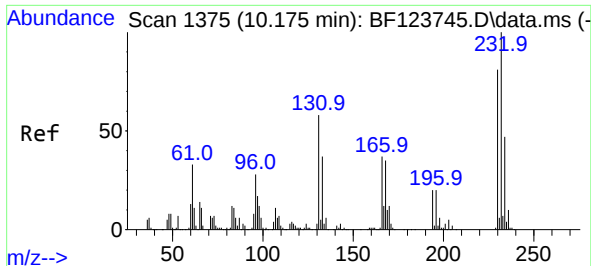
mohammad
5/6/2021 4:50:51 PM



#58
Fluorene
Concen: 45.51 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

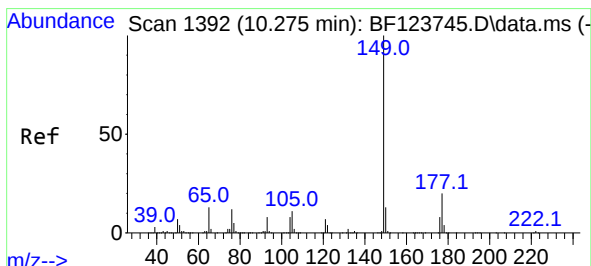
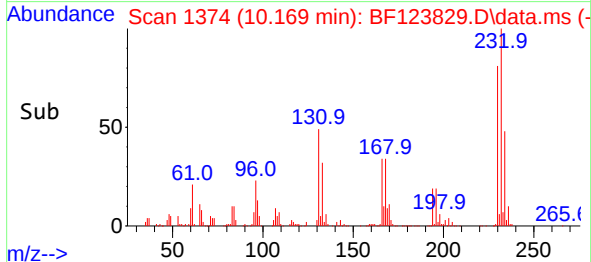
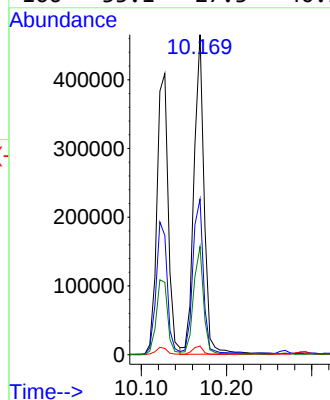
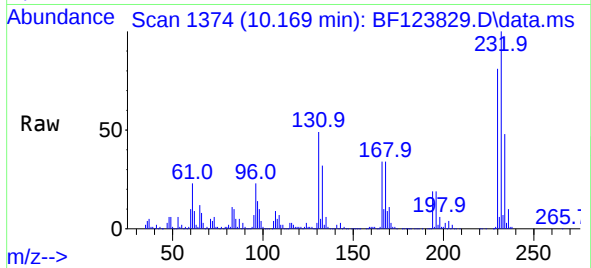
Tgt Ion:166 Resp: 1484288
Ion Ratio Lower Upper
166 100
165 91.2 73.5 110.3
167 13.5 10.7 16.1





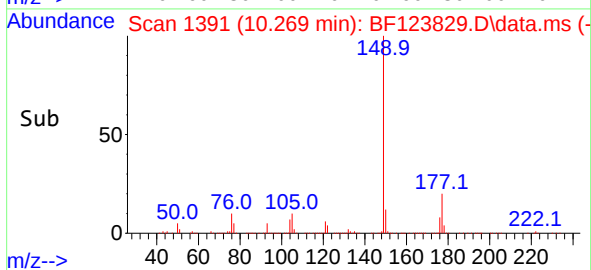
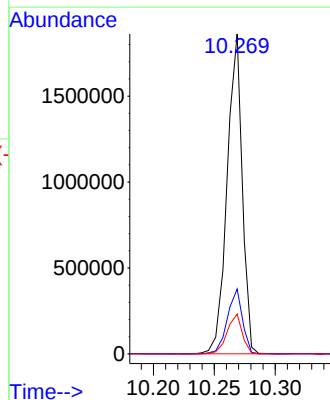
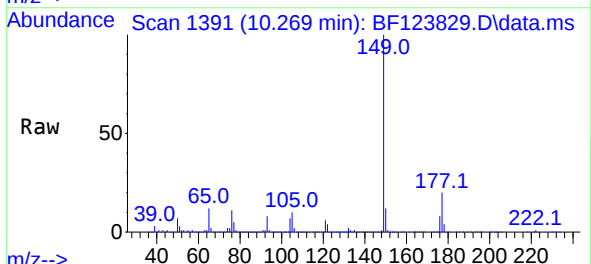
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.52 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:	232	Resp:	385947
Ion	Ratio	Lower	Upper
232	100		
131	50.7	43.2	64.8
130	2.7	2.2	3.2
166	33.1	27.3	40.9



#60
Diethylphthalate
Concen: 46.40 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

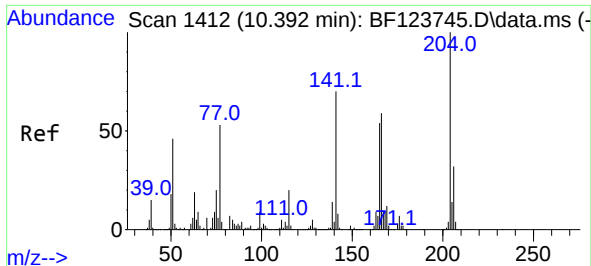
Tgt Ion:	149	Resp:	1606600
Ion	Ratio	Lower	Upper
149	100		
177	20.3	15.4	23.2
150	12.5	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



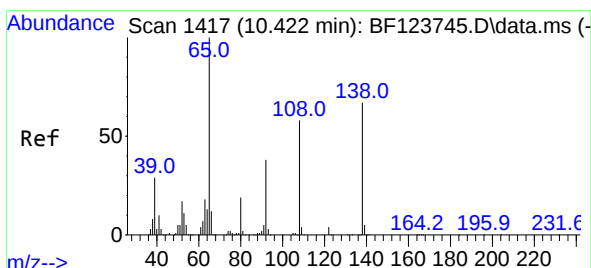
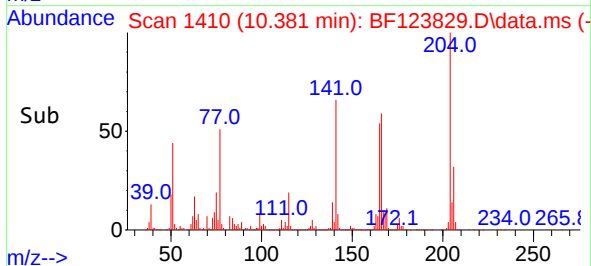
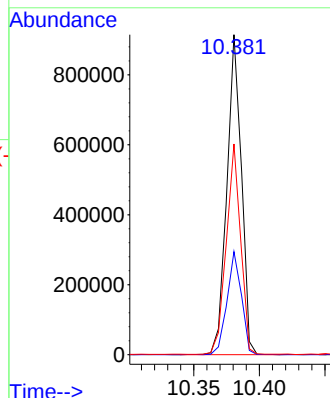
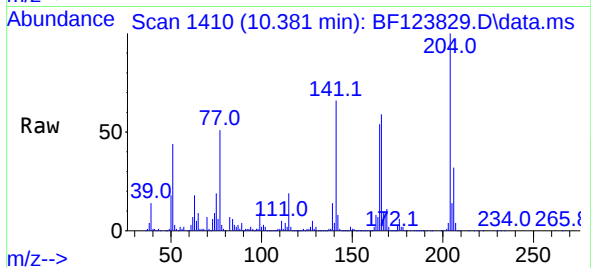
#61
4-Chlorophenyl-phenylether
Concen: 46.21 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 204 Resp: 702379
Ion Ratio Lower Upper
204 100
206 32.2 25.7 38.5
141 65.8 55.5 83.3

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

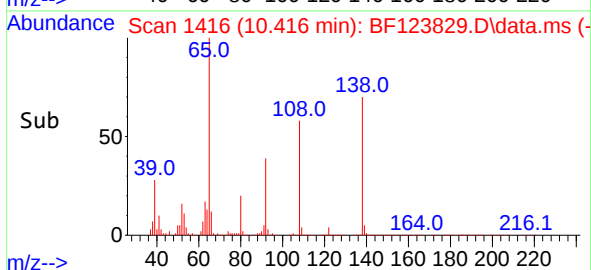
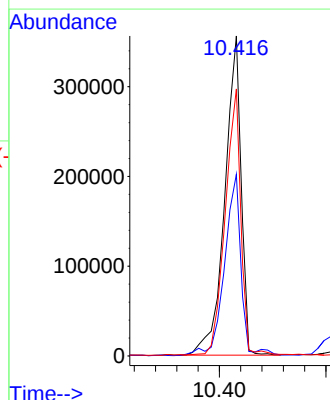
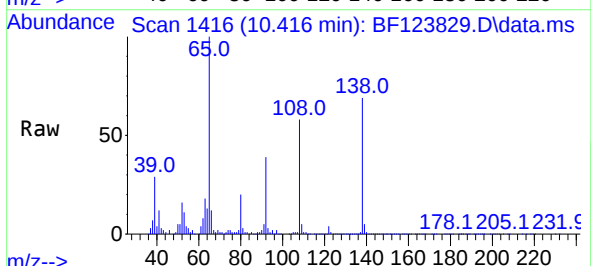
Manual Integrations
APPROVED

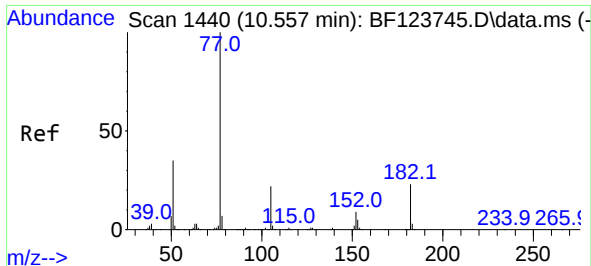
mohammad
5/6/2021 4:50:51 PM



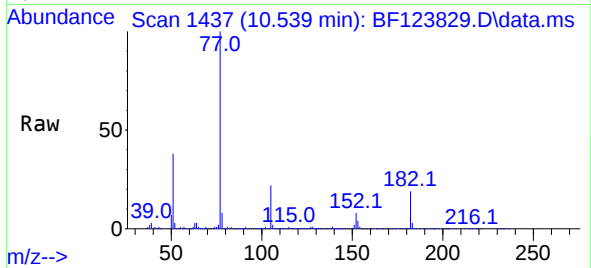
#62
4-Nitroaniline
Concen: 42.51 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 138 Resp: 378416
Ion Ratio Lower Upper
138 100
92 56.8 35.8 75.8
108 83.5 63.6 103.6

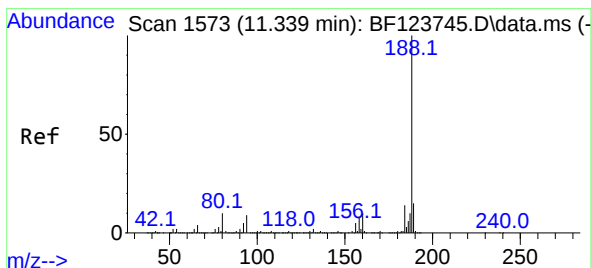
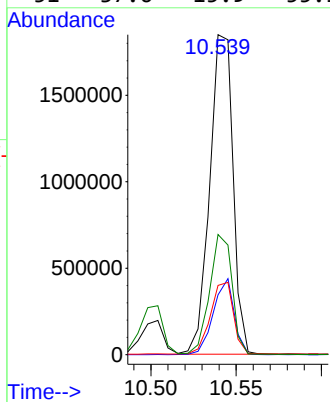
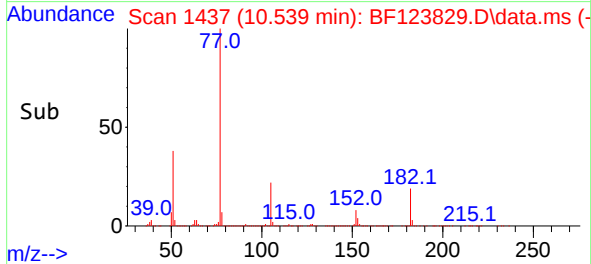




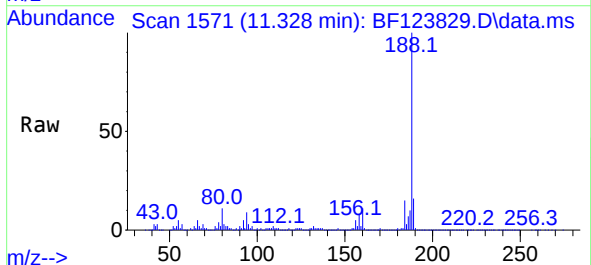
#63
Azobenzene
Concen: 44.30 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



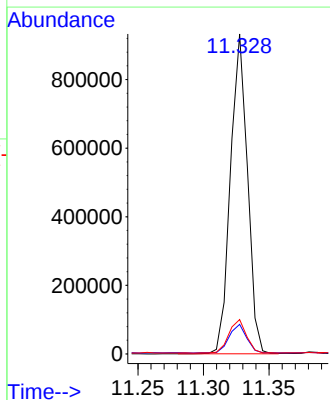
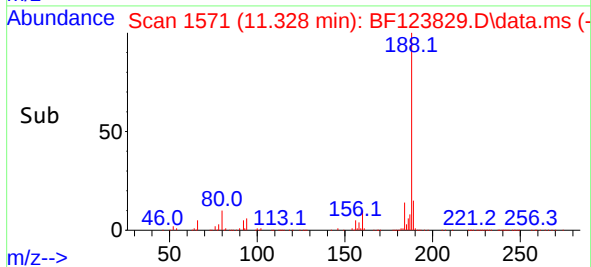
Tgt Ion: 77 Resp: 1763268
Ion Ratio Lower Upper
77 100
182 18.7 1.7 41.7
105 21.7 1.7 41.7
51 37.6 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



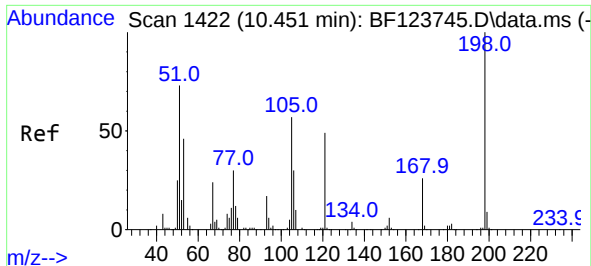
Tgt Ion: 188 Resp: 843404
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.8 8.2 12.2



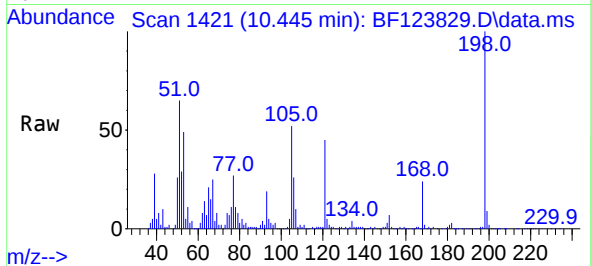
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

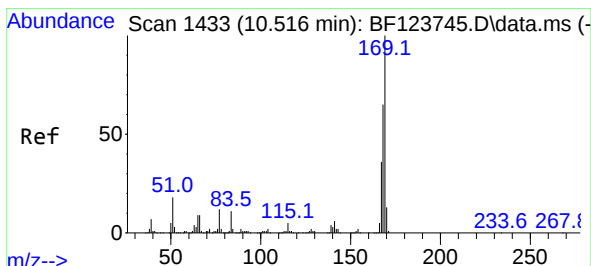
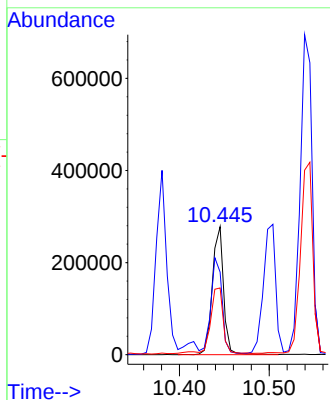
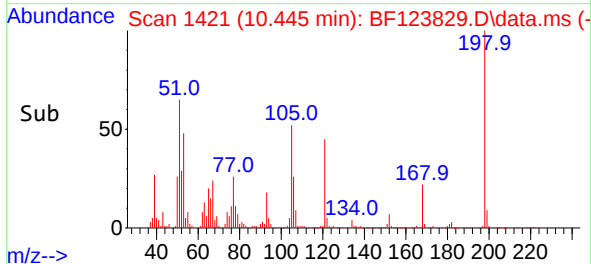
mohammad
5/6/2021 4:50:51 PM



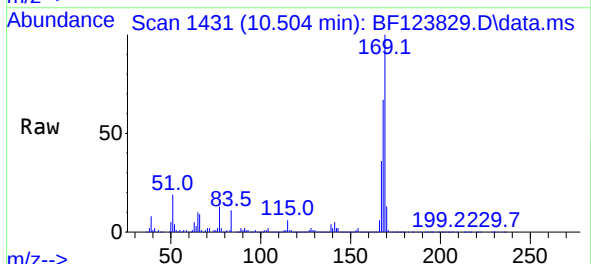
#65
4,6-Dinitro-2-methylphenol
Concen: 46.36 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



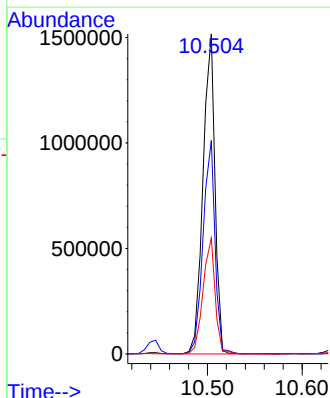
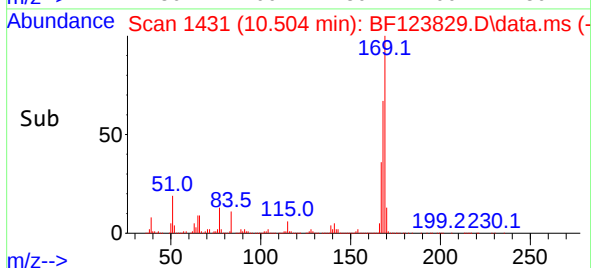
Tgt Ion:198 Resp: 242253
Ion Ratio Lower Upper
198 100
51 64.6 64.8 104.8#
105 52.1 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 48.15 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



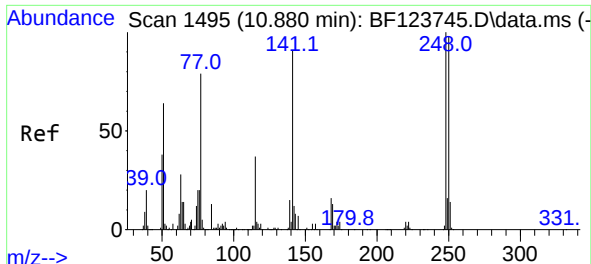
Tgt Ion:169 Resp: 1328536
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.2 29.9 44.9



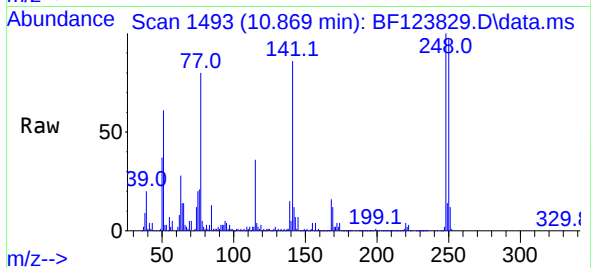
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

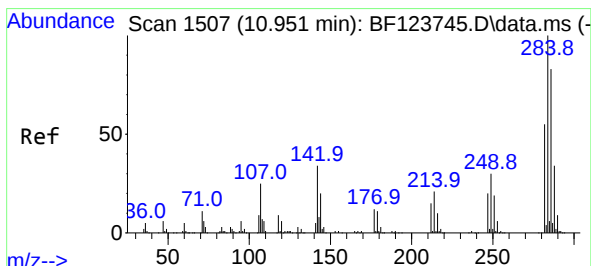
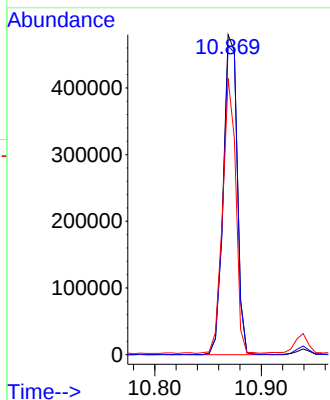
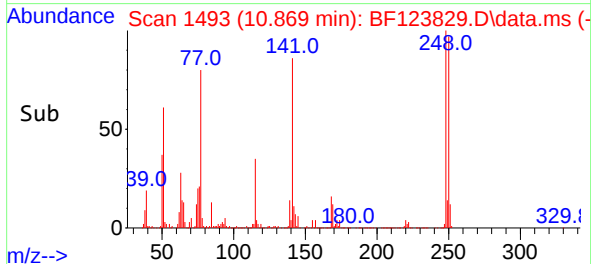
mohammad
5/6/2021 4:50:51 PM



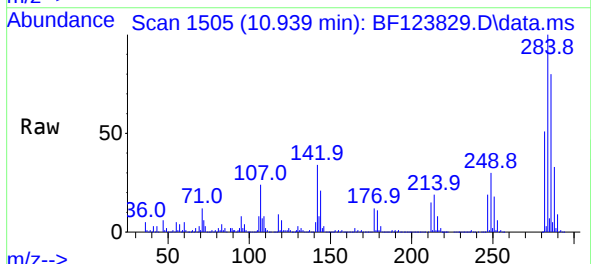
#67
4-Bromophenyl-phenylether
Concen: 48.83 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



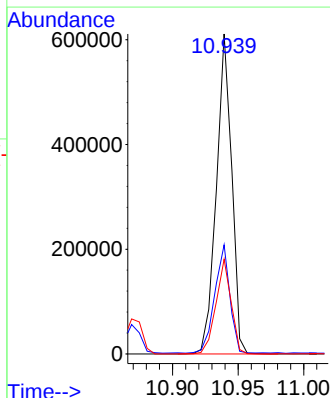
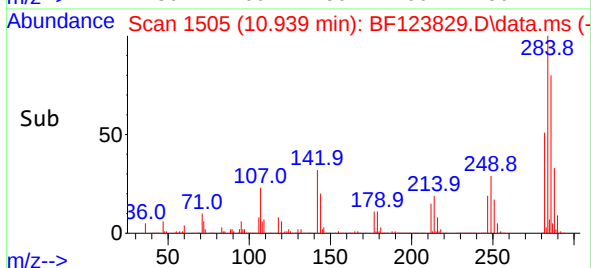
Tgt Ion:248 Resp: 433719
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 86.4 63.7 95.5



#68
Hexachlorobenzene
Concen: 48.97 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



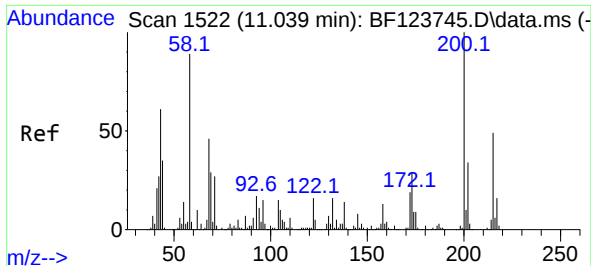
Tgt Ion:284 Resp: 495069
Ion Ratio Lower Upper
284 100
142 34.1 28.3 42.5
249 29.6 23.5 35.3



Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



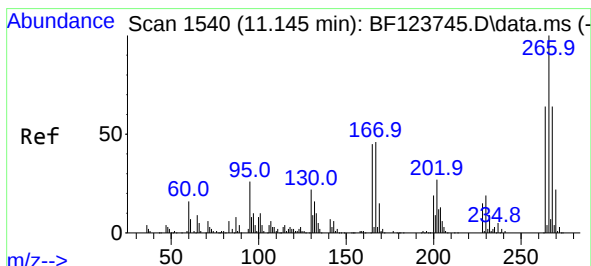
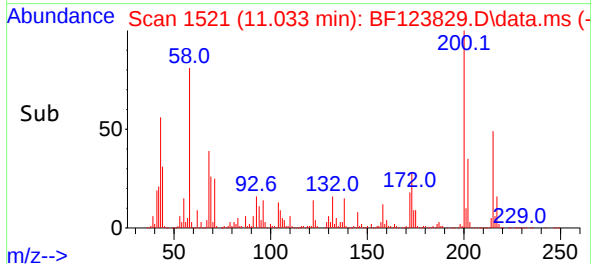
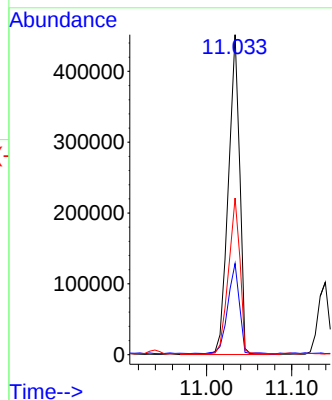
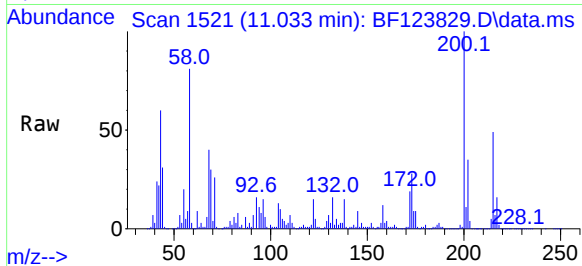
#69
Atrazine
Concen: 50.16 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:200 Resp: 418363
Ion Ratio Lower Upper
200 100
173 28.5 6.9 46.9
215 48.9 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

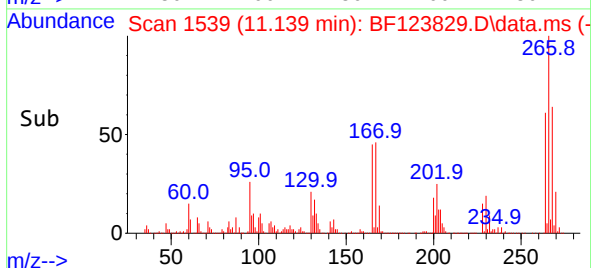
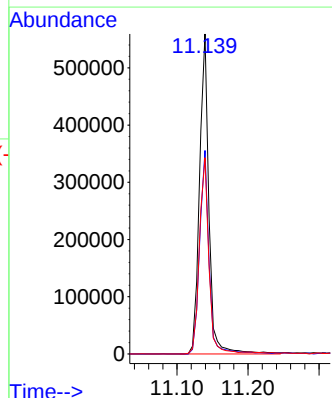
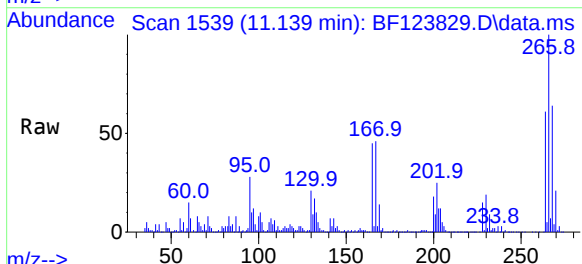
Manual Integrations
APPROVED

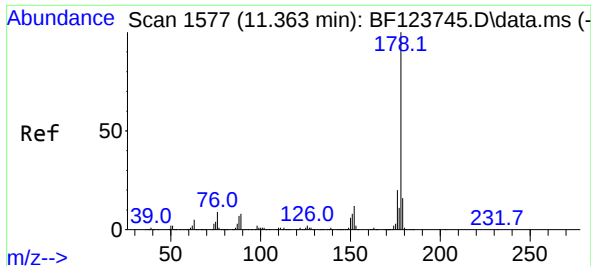
mohammad
5/6/2021 4:50:51 PM



#70
Pentachlorophenol
Concen: 100.17 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:266 Resp: 516127
Ion Ratio Lower Upper
266 100
268 63.6 51.6 77.4
264 61.4 52.6 78.8





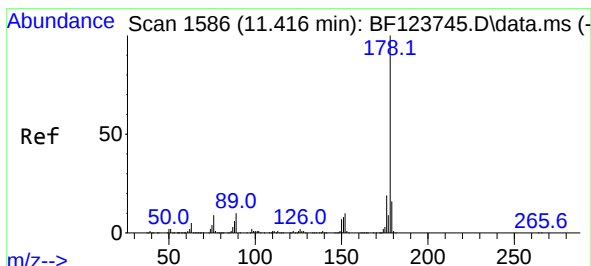
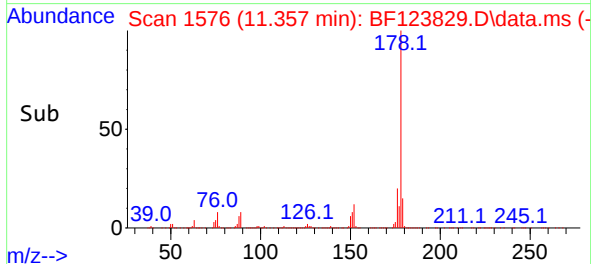
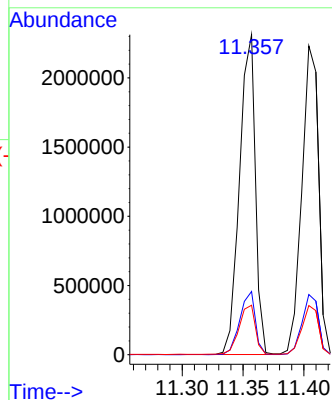
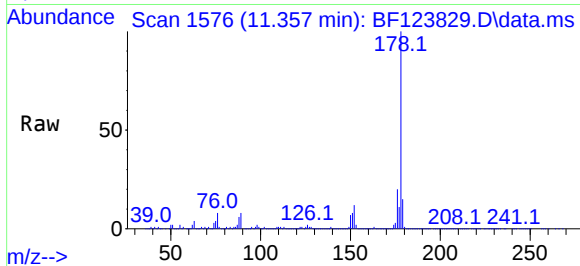
#71
Phenanthrene
Concen: 47.32 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:178 Resp: 2093253
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.4 12.5 18.7

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

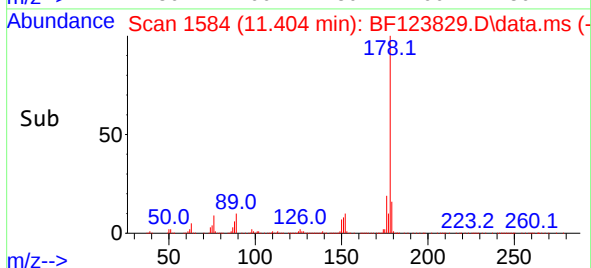
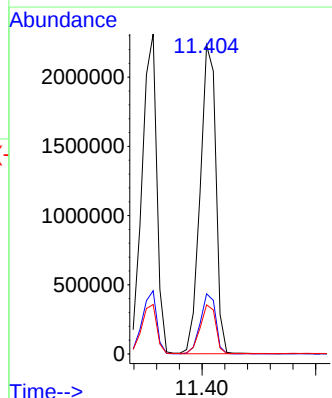
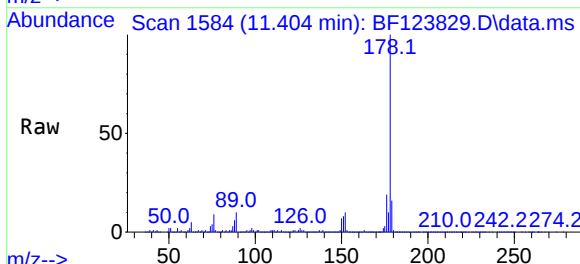
Manual Integrations
APPROVED

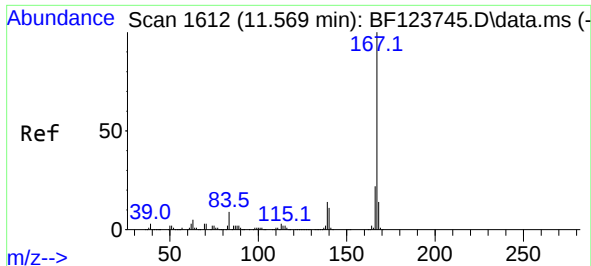
mohammad
5/6/2021 4:50:51 PM



#72
Anthracene
Concen: 48.70 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

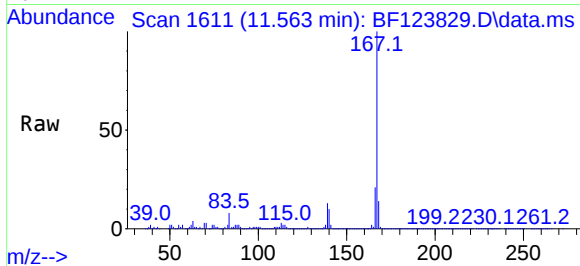
Tgt Ion:178 Resp: 2142043
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.6 18.8





#73
Carbazole
Concen: 45.62 ng
RT: 11.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

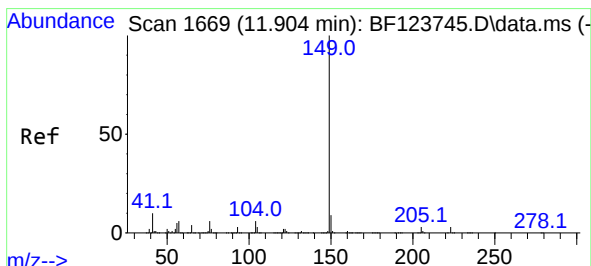
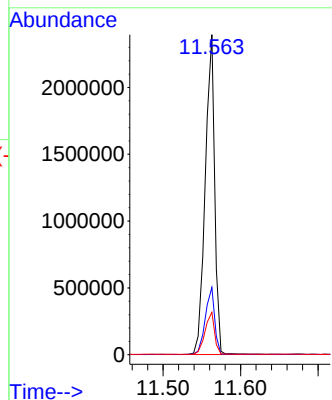
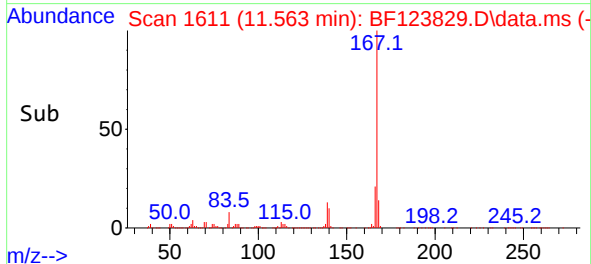
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



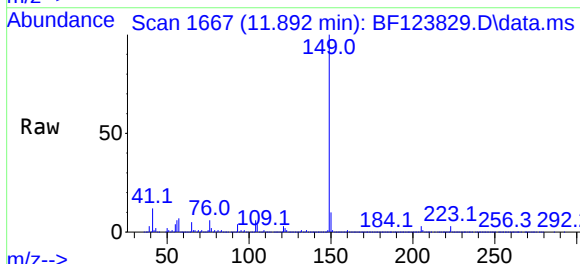
Tgt Ion:167 Resp: 2027908
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 13.3 10.4 15.6

Manual Integrations
APPROVED

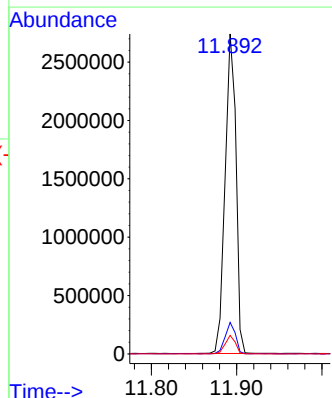
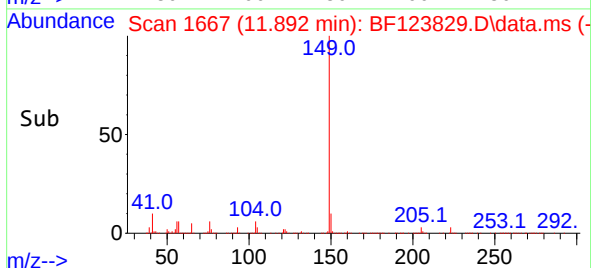
mohammad
5/6/2021 4:50:51 PM

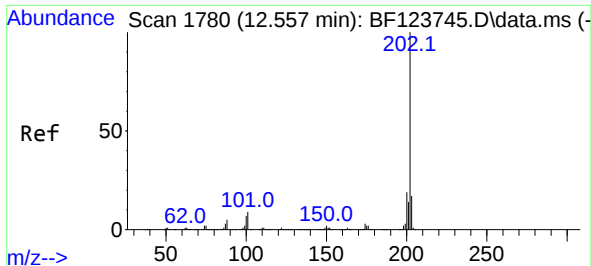


#74
Di-n-butylphthalate
Concen: 48.57 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion:149 Resp: 2424306
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.8
104 5.8 4.6 6.8





#75
Fluoranthene
Concen: 45.03 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

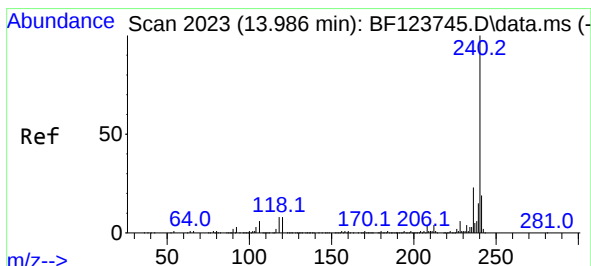
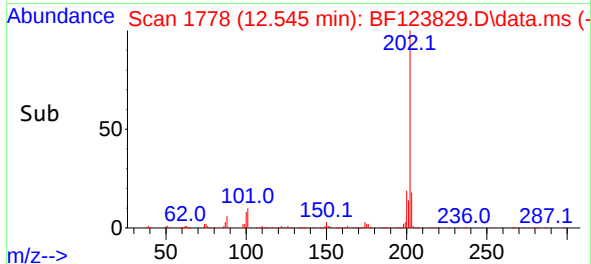
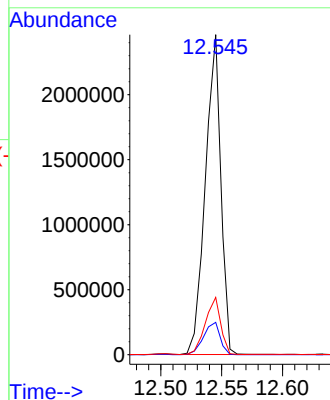
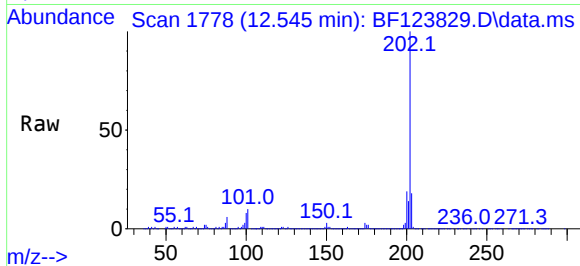
Tgt Ion:202 Resp: 2172470

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.9
203	17.9	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

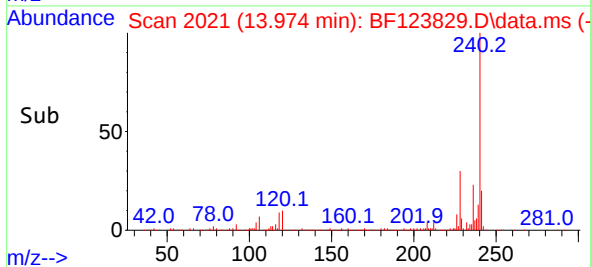
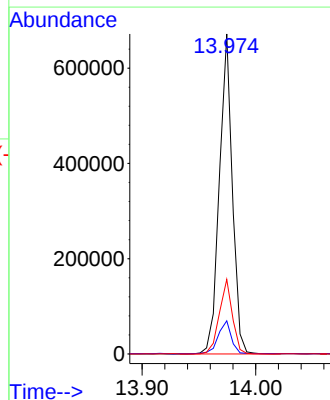
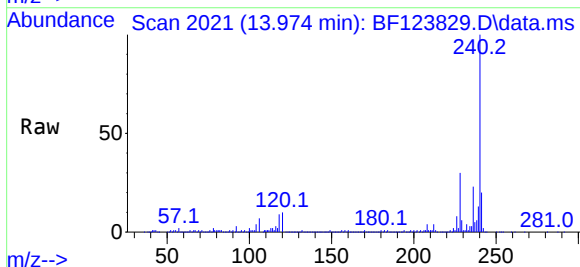
mohammad
5/6/2021 4:50:51 PM

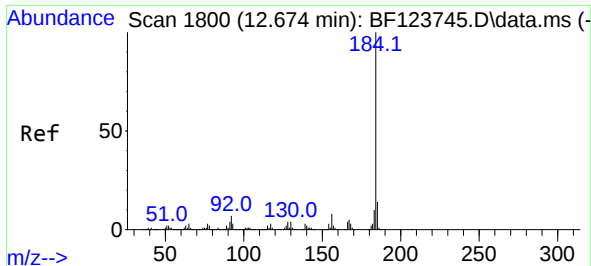


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:240 Resp: 535090

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.2	10.8
236	23.3	19.0	28.4





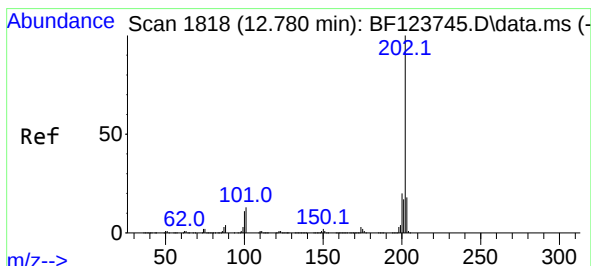
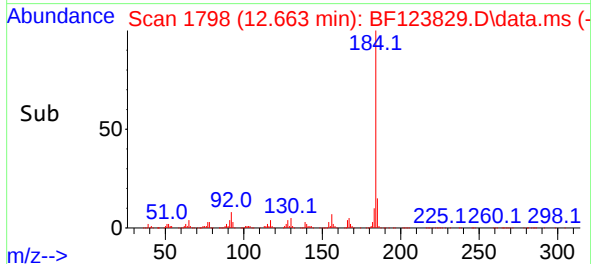
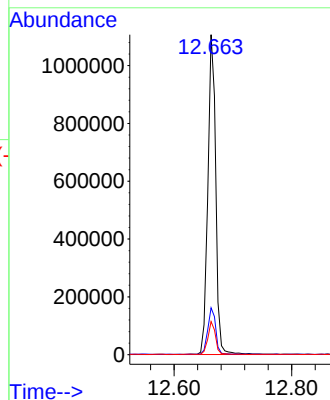
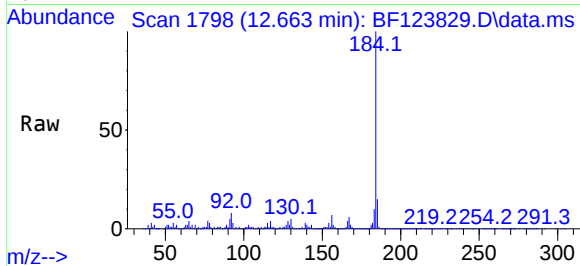
#77
Benzidine
Concen: 74.06 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:184 Resp: 1026188
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 10.3 7.8 11.8

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

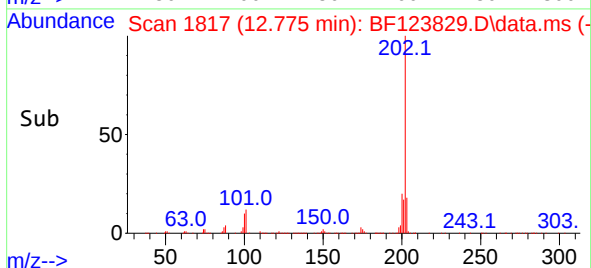
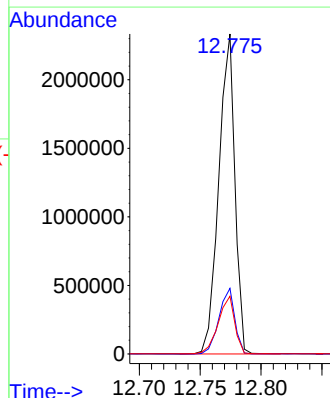
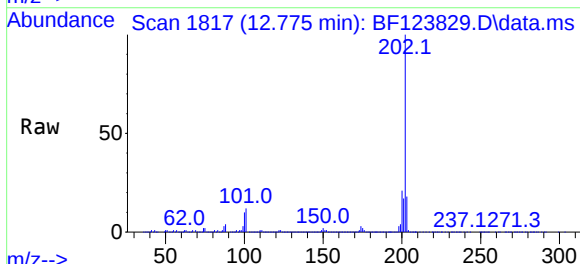
Manual Integrations
APPROVED

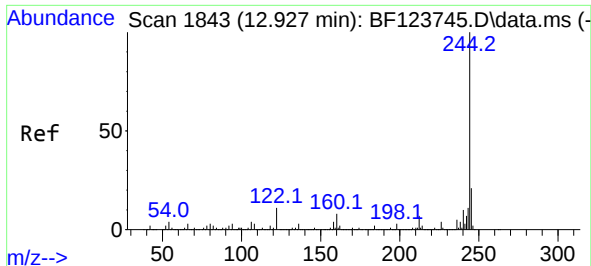
mohammad
5/6/2021 4:50:51 PM



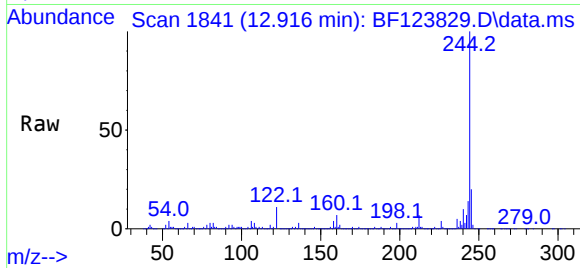
#78
Pyrene
Concen: 51.84 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:202 Resp: 2153326
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 18.1 14.8 22.2

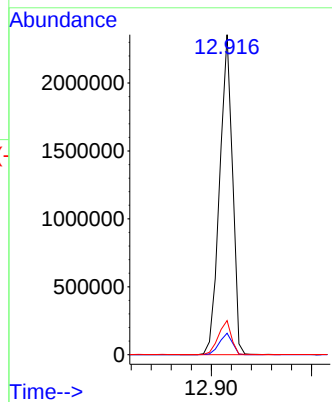
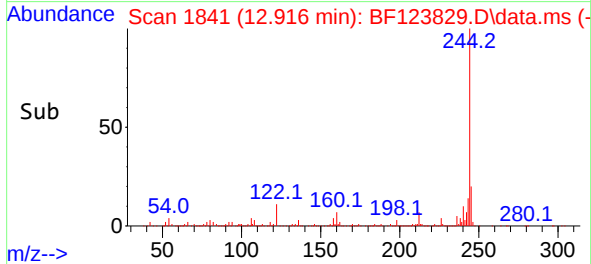




#79
Terphenyl-d14
Concen: 75.42 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



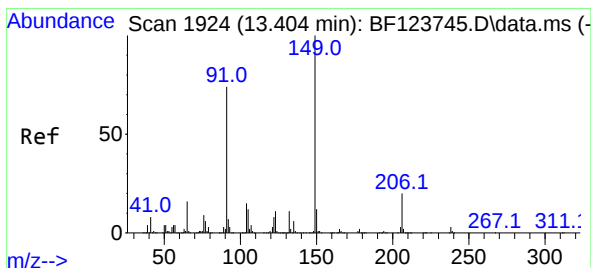
Tgt Ion:244 Resp: 2095754
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.7 9.7 14.5



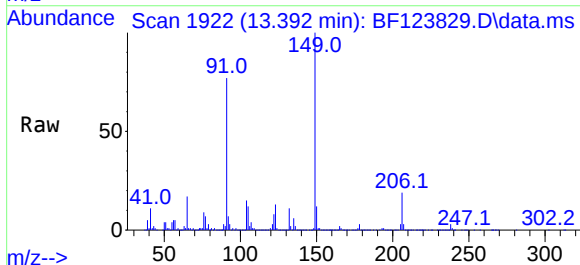
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

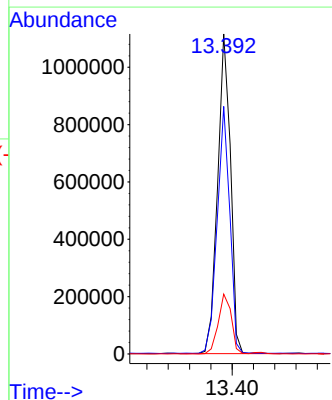
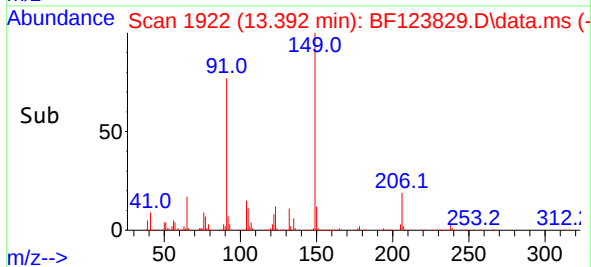
mohammad
5/6/2021 4:50:51 PM

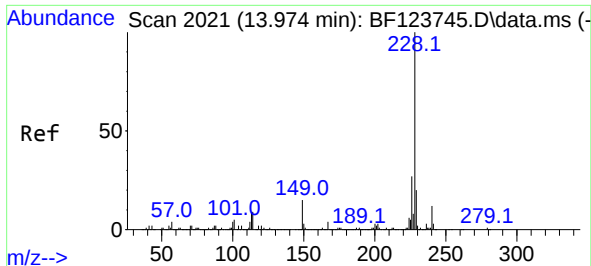


#80
Butylbenzylphthalate
Concen: 52.50 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion:149 Resp: 931630
Ion Ratio Lower Upper
149 100
91 77.3 63.6 95.4
206 18.7 14.5 21.7





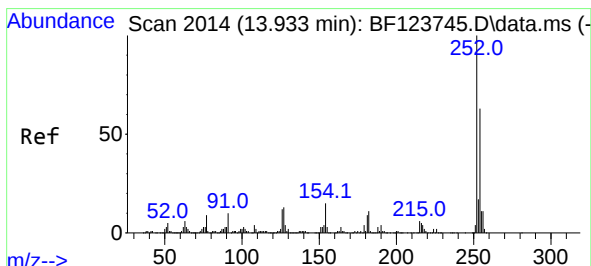
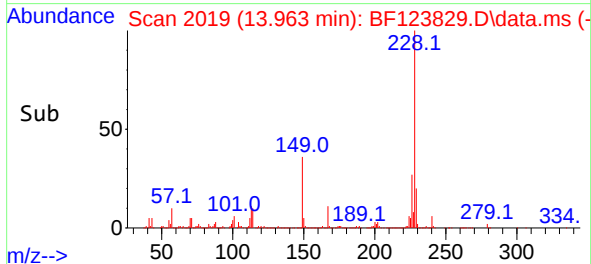
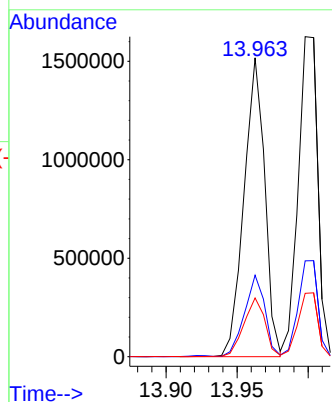
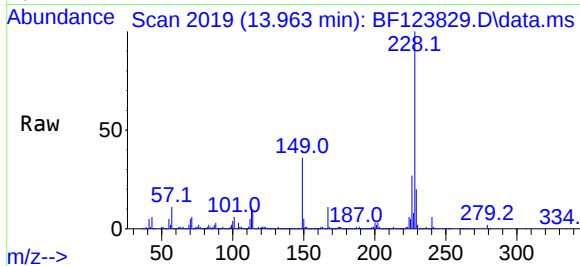
#81
Benzo(a)anthracene
Concen: 47.53 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampled :
CRT-020MSD

Tgt Ion:228 Resp: 1541262
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 19.7 16.0 24.0

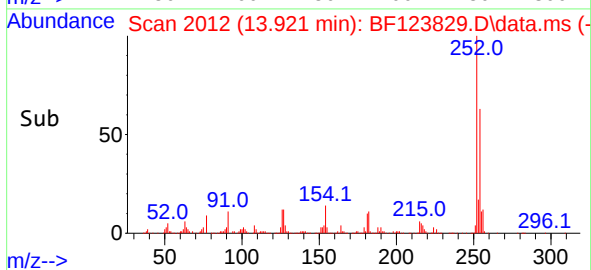
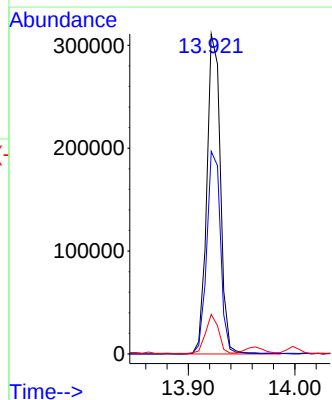
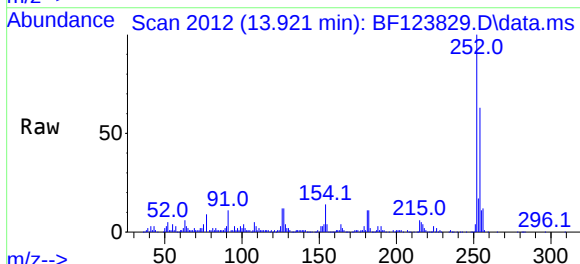
Manual Integrations
APPROVED

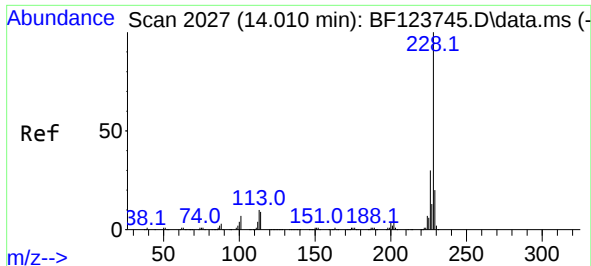
mohammad
5/6/2021 4:50:51 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.78 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:252 Resp: 276602
Ion Ratio Lower Upper
252 100
254 63.3 51.1 76.7
126 12.4 7.7 11.5#





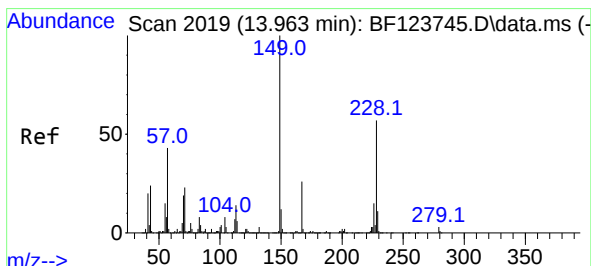
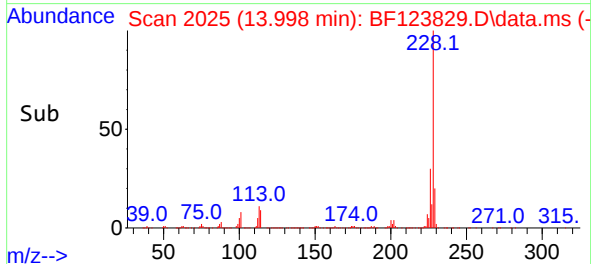
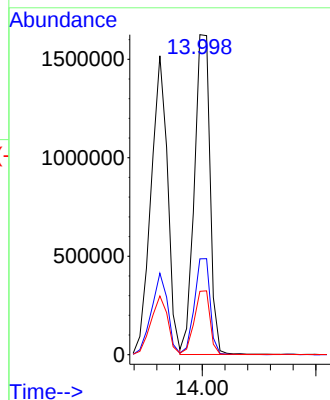
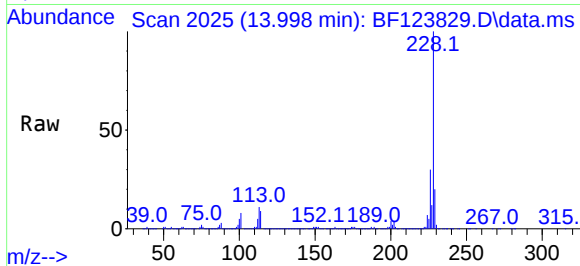
#83
Chrysene
Concen: 47.81 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:228 Resp: 1559588
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.8 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

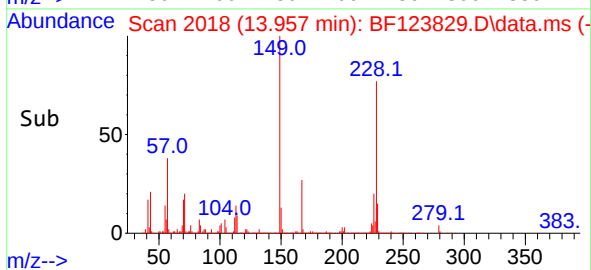
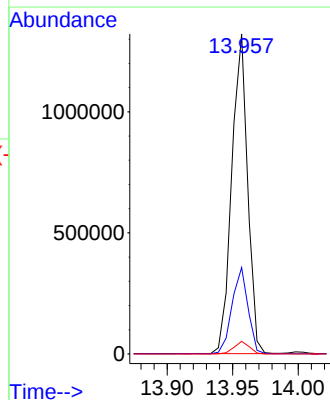
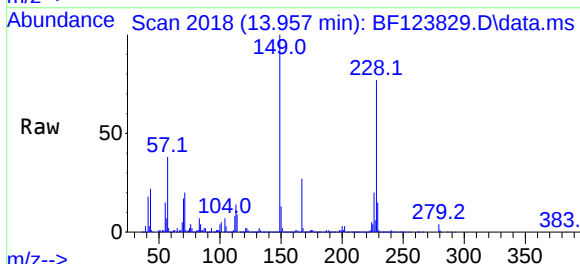
Manual Integrations
APPROVED

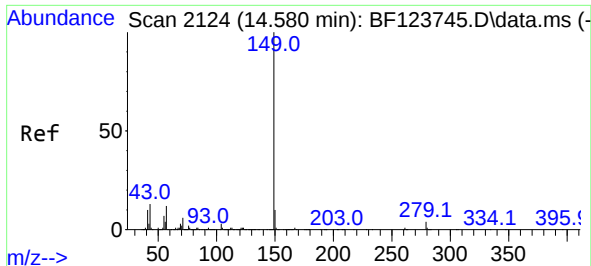
mohammad
5/6/2021 4:50:51 PM



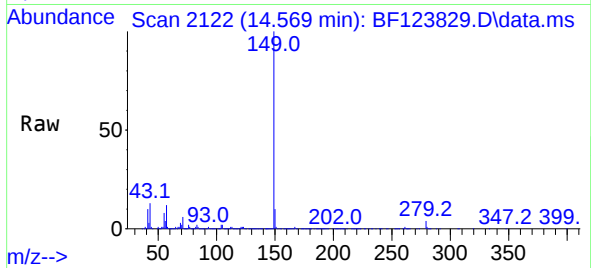
#84
Bis(2-ethylhexyl)phthalate
Concen: 50.49 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion:149 Resp: 1113026
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 4.0 3.3 4.9

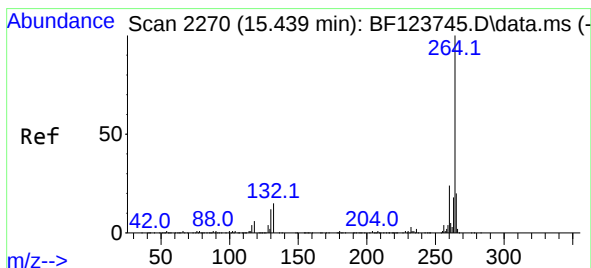
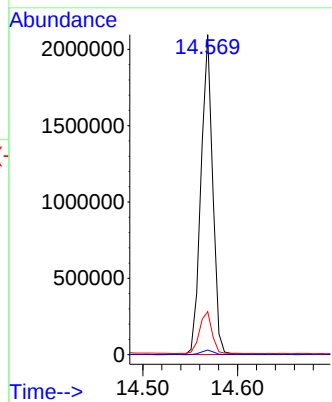
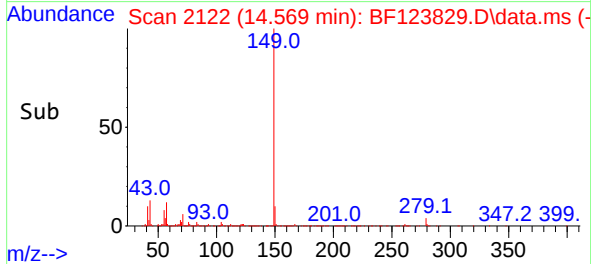




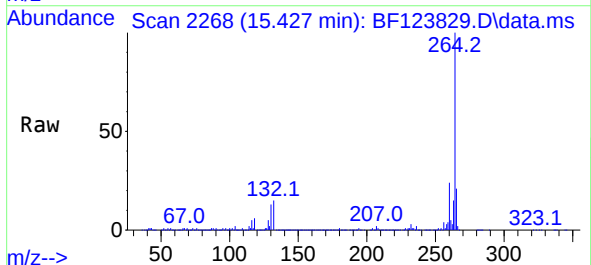
#85
Di-n-octyl phthalate
Concen: 51.23 ng
RT: 14.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



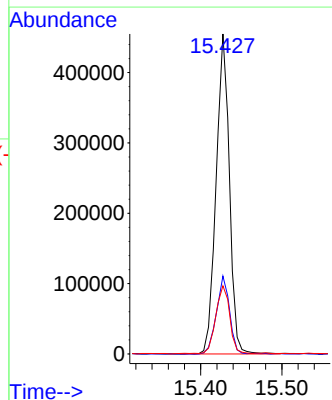
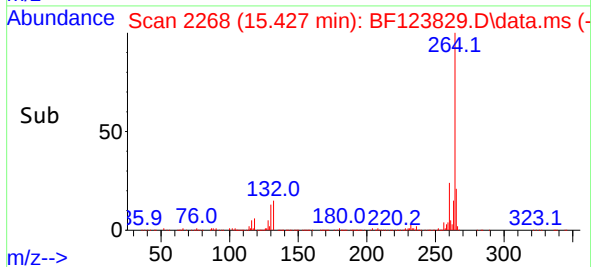
Tgt Ion:149 Resp: 1805726
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.8 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



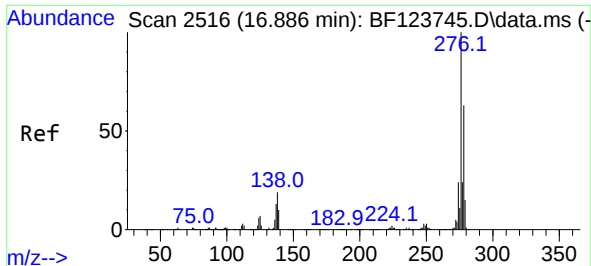
Tgt Ion:264 Resp: 515750
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.3 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



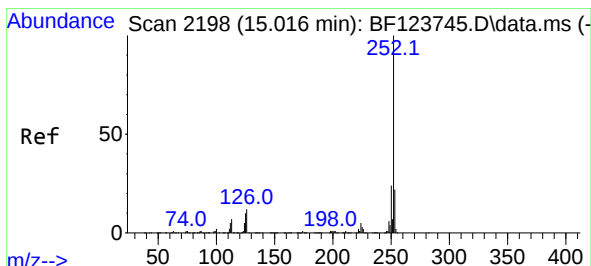
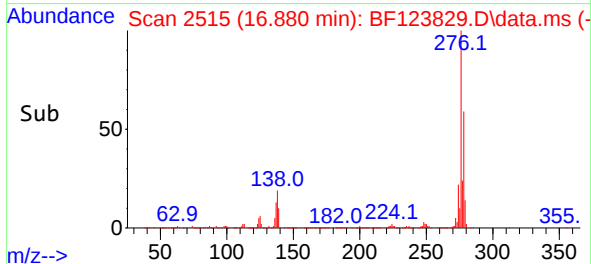
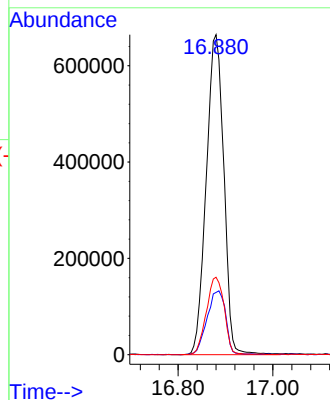
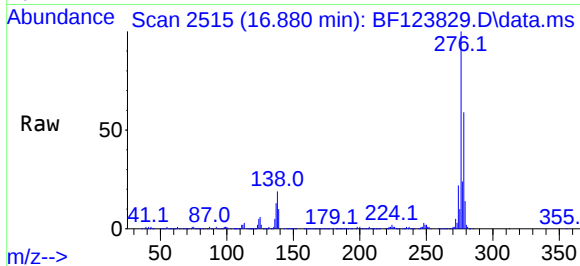
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.05 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 276 Resp: 1713530
Ion Ratio Lower Upper
276 100
138 21.2 16.2 24.2
277 24.6 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

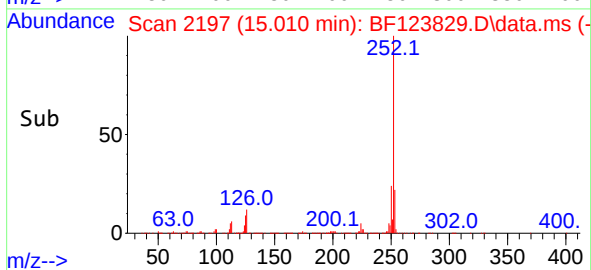
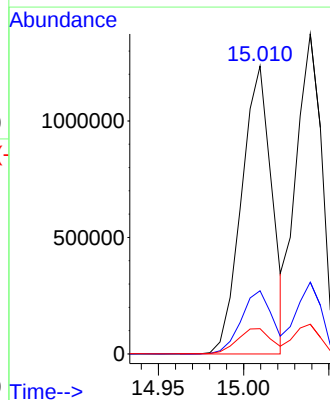
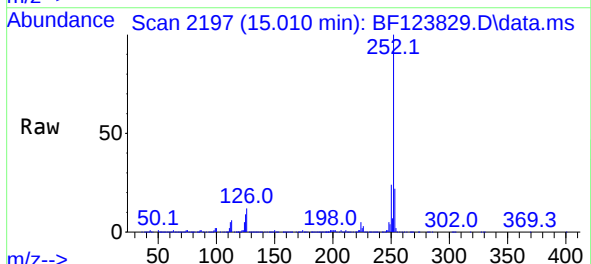
Manual Integrations
APPROVED

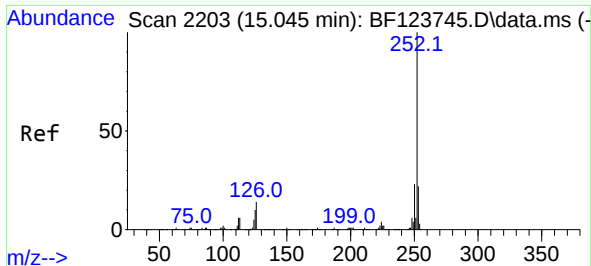
mohammad
5/6/2021 4:50:51 PM



#88
Benzo(b)fluoranthene
Concen: 44.05 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Tgt Ion: 252 Resp: 1530993
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 8.8 6.2 9.4





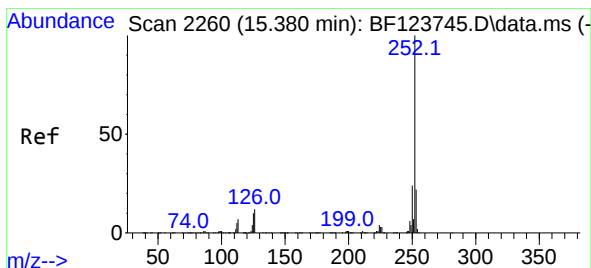
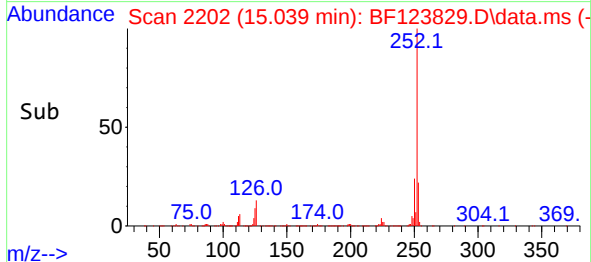
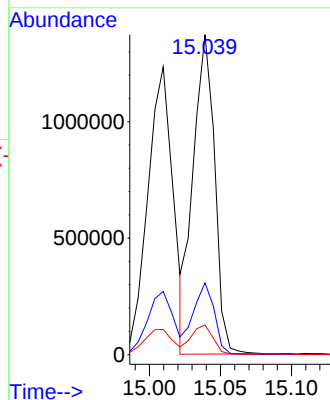
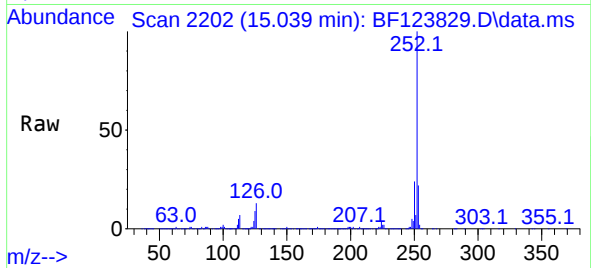
#89
Benzo(k)fluoranthene
Concen: 43.57 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Tgt Ion:252 Resp: 1445126
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.3 7.0 10.6

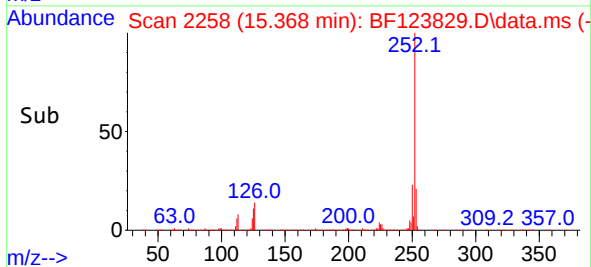
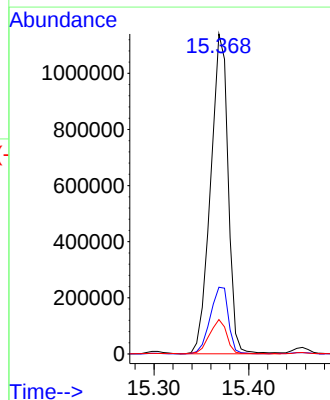
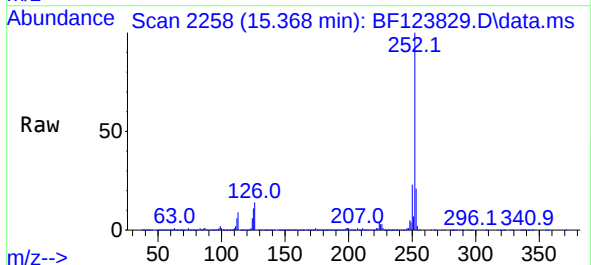
Manual Integrations
APPROVED

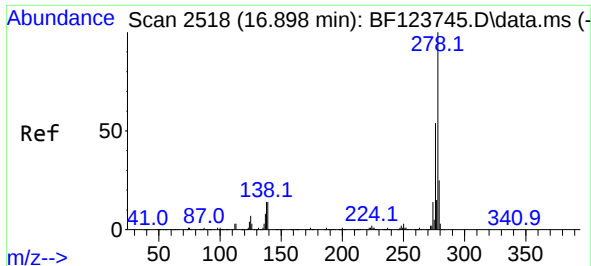
mohammad
5/6/2021 4:50:51 PM



#90
Benzo(a)pyrene
Concen: 49.26 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

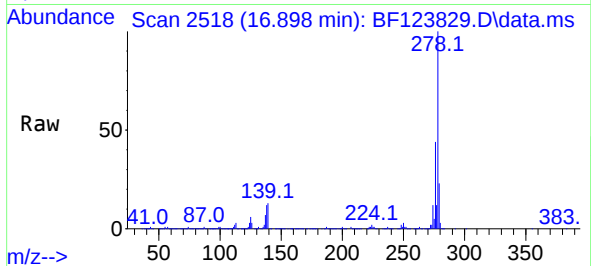
Tgt Ion:252 Resp: 1463996
Ion Ratio Lower Upper
252 100
253 20.9 18.4 27.6
125 10.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 54.85 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00

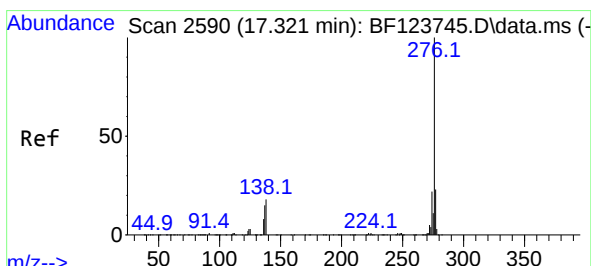
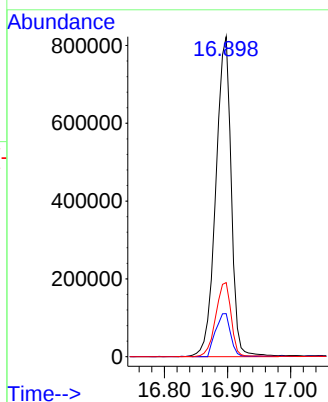
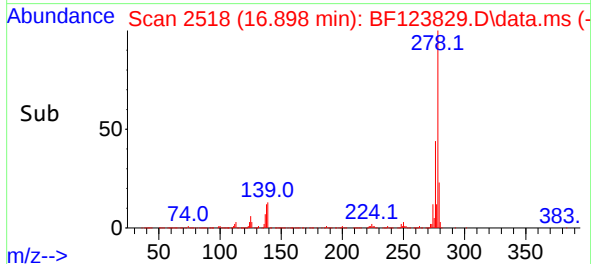
Instrument :
BNA_F
ClientSampleId :
CRT-020MSD



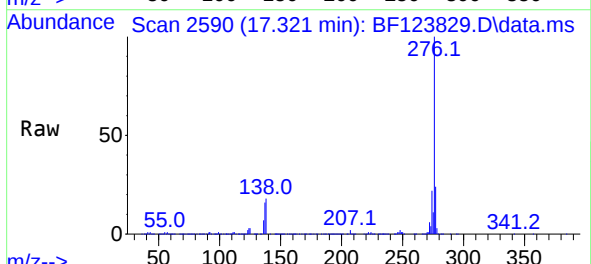
Tgt Ion:278 Resp: 1391098
Ion Ratio Lower Upper
278 100
139 13.4 10.2 15.2
279 23.1 19.4 29.0

Manual Integrations
APPROVED

mohammad
5/6/2021 4:50:51 PM



#92
Benzo(g,h,i)perylene
Concen: 55.73 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF123829.D
Acq: 5 May 2021 16:00



Tgt Ion:276 Resp: 1415366
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 18.4 13.8 20.6

