

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124008.D
 Acq On : 20 May 2021 14:35
 Operator : JU/CG
 Sample : M2457-02MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

mohammad
 5/21/2021 3:21:39 PM

Quant Time: May 20 15:02:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	43342	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	174223	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	107555	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	185196	20.00	ng	# 0.01
76) Chrysene-d12	14.092	240	125252	20.00	ng	0.02
86) Perylene-d12	15.586	264	93285	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	133908	43.38	ng	0.00
7) Phenol-d6	6.522	99	172194	43.00	ng	0.00
23) Nitrobenzene-d5	7.463	82	129544	32.04	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	59979	46.43	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	233274	26.69	ng	0.00
79) Terphenyl-d14	13.021	244	200792	24.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	22115	16.31	ng	98
3) Pyridine	3.434	79	53194	15.20	ng	94
4) n-Nitrosodimethylamine	3.375	42	39754	17.49	ng	100
6) Aniline	6.563	93	29219	6.43	ng	94
8) 2-Chlorophenol	6.686	128	63740	19.84	ng	96
9) Benzaldehyde	6.451	77	50931	29.39	ng	92
10) Phenol	6.539	94	86645	21.41	ng	98
11) bis(2-Chloroethyl)ether	6.633	93	59668	18.97	ng	96
12) 1,3-Dichlorobenzene	6.845	146	71909	19.21	ng	94
13) 1,4-Dichlorobenzene	6.922	146	75418	19.70	ng	97
14) 1,2-Dichlorobenzene	7.075	146	66411	18.56	ng	97
15) Benzyl Alcohol	7.039	79	69586	20.12	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.181	45	123980	19.58	ng	95
17) 2-Methylphenol	7.151	107	56632	21.74	ng	93
18) Hexachloroethane	7.422	117	28071	19.78	ng	90
19) n-Nitroso-di-n-propyla...	7.310	70	55628	20.56	ng	# 97
20) 3+4-Methylphenols	7.304	107	70427	20.52	ng	91
22) Acetophenone	7.310	105	94353	19.07	ng	# 97
24) Nitrobenzene	7.480	77	76810	18.58	ng	# 91
25) Isophorone	7.722	82	141238	18.16	ng	100
26) 2-Nitrophenol	7.804	139	35061	22.54	ng	93
27) 2,4-Dimethylphenol	7.833	122	61501	20.65	ng	91
28) bis(2-Chloroethoxy)met...	7.933	93	78559	20.08	ng	98
29) 2,4-Dichlorophenol	8.039	162	59734	19.82	ng	93
30) 1,2,4-Trichlorobenzene	8.127	180	62019	18.30	ng	92
31) Naphthalene	8.216	128	347185	33.67	ng	98
32) Benzoic acid	7.928	122	25566	15.64	ng	# 78
33) 4-Chloroaniline	8.257	127	13464	3.43	ng	96
34) Hexachlorobutadiene	8.327	225	41265	18.60	ng	98
35) Caprolactam	8.616	113	18635	22.71	ng	# 80
36) 4-Chloro-3-methylphenol	8.733	107	67050	20.34	ng	96
37) 2-Methylnaphthalene	8.904	142	185927	26.60	ng	96
38) 1-Methylnaphthalene	9.004	142	163025	25.00	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	69478	17.91	ng	98
41) Hexachlorocyclopentadiene	9.057	237	29497	11.96	ng	93
43) 2,4,6-Trichlorophenol	9.180	196	43452	17.26	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124008.D
 Acq On : 20 May 2021 14:35
 Operator : JU/CG
 Sample : M2457-02MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

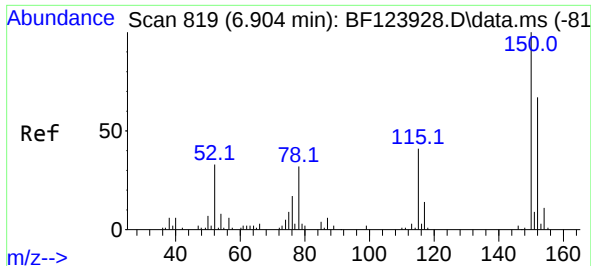
Manual Integrations
 APPROVED

mohammad
 5/21/2021 3:21:39 PM

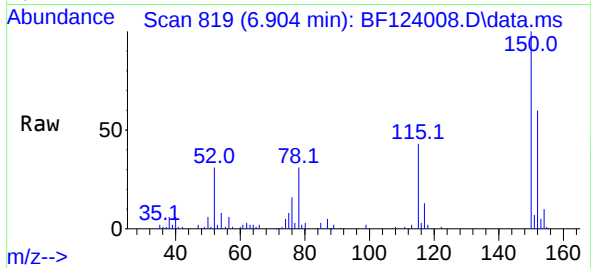
Quant Time: May 20 15:02:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	46964	17.96	ng	95
46) 1,1'-Biphenyl	9.369	154	194040	20.48	ng	99
47) 2-Chloronaphthalene	9.392	162	124127	16.50	ng	97
48) 2-Nitroaniline	9.486	65	53372	21.01	ng	94
49) Acenaphthylene	9.810	152	223128	20.07	ng	97
50) Dimethylphthalate	9.663	163	171071	19.92	ng	99
51) 2,6-Dinitrotoluene	9.727	165	37390	21.53	ng	# 75
52) Acenaphthene	9.980	154	286660	37.67	ng	95
53) 3-Nitroaniline	9.892	138	19898	11.53	ng	# 92
54) 2,4-Dinitrophenol	10.004	184	21295	28.01	ng	# 87
55) Dibenzofuran	10.151	168	367669	33.64	ng	98
56) 4-Nitrophenol	10.051	139	53681	37.60	ng	98
57) 2,4-Dinitrotoluene	10.133	165	49891	23.42	ng	# 89
58) Fluorene	10.498	166	325687	39.54	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.269	232	41735	19.41	ng	93
60) Diethylphthalate	10.363	149	169103	19.88	ng	95
61) 4-Chlorophenyl-phenyle...	10.486	204	80009	19.38	ng	96
62) 4-Nitroaniline	10.504	138	32289	18.81	ng	98
63) Azobenzene	10.645	77	176164	18.62	ng	84
65) 4,6-Dinitro-2-methylph...	10.539	198	16675	17.83	ng	85
66) n-Nitrosodiphenylamine	10.604	169	138704	19.60	ng	96
67) 4-Bromophenyl-phenylether	10.974	248	47819	19.65	ng	# 83
68) Hexachlorobenzene	11.045	284	53520	19.70	ng	97
69) Atrazine	11.133	200	45930	22.98	ng	98
70) Pentachlorophenol	11.245	266	50865	31.58	ng	87
71) Phenanthrene	11.480	178	2794435	238.08	ng	100
72) Anthracene	11.521	178	893094	75.09	ng	99
73) Carbazole	11.668	167	408440	39.26	ng	97
74) Di-n-butylphthalate	11.998	149	268777	20.64	ng	98
75) Fluoranthene	12.668	202	2586106	212.79	ng	99
77) Benzidine	12.774	184	55297	18.30	ng	# 96
78) Pyrene	12.898	202	2094056	188.32	ng	99
80) Butylbenzylphthalate	13.498	149	86639	19.87	ng	# 97
81) Benzo(a)anthracene	14.080	228	1066786	117.77	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	26322	9.35	ng	95
83) Chrysene	14.121	228	885231	101.61	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	132950	21.61	ng	99
85) Di-n-octyl phthalate	14.674	149	210779	22.66	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.103	276	321444	44.62	ng	95
88) Benzo(b)fluoranthene	15.151	252	881310	122.13	ng	# 97
89) Benzo(k)fluoranthene	15.180	252	360676m	54.84	ng	
90) Benzo(a)pyrene	15.533	252	577561	92.59	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	148942m	24.55	ng	
92) Benzo(g,h,i)perylene	17.568	276	270930	44.53	ng	97

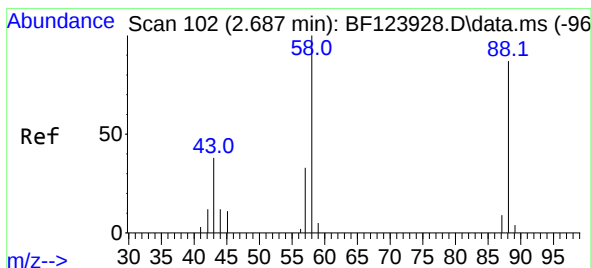
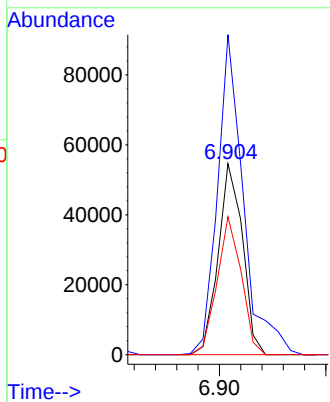
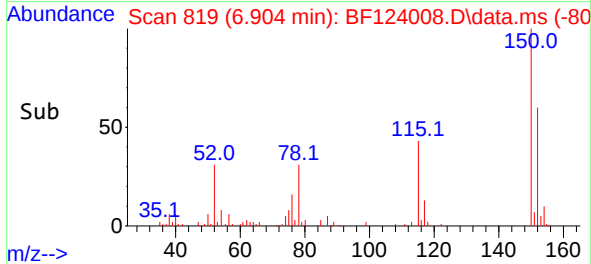
(#) = qualifier out of range (m) = manual integration (+) = signals summed



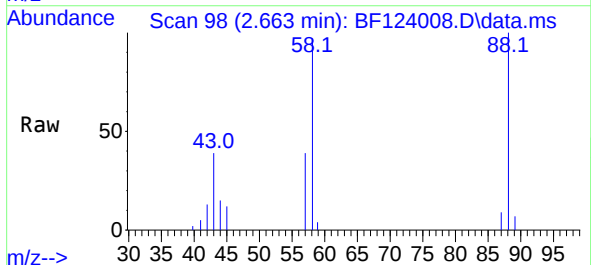
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



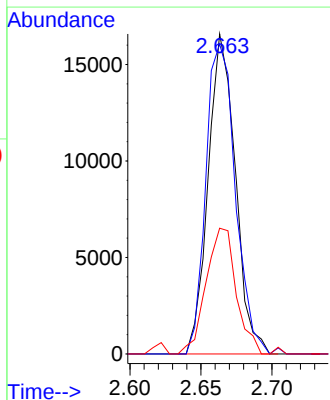
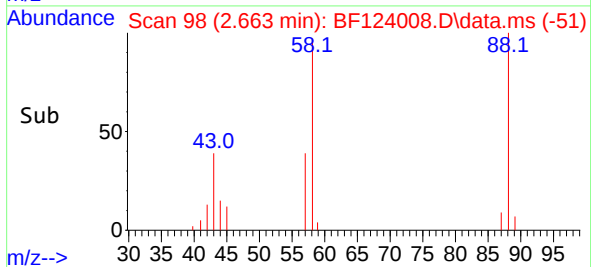
Tgt Ion:152 Resp: 43342
Ion Ratio Lower Upper
152 100
150 167.5 127.0 190.6
115 72.2 54.3 81.5



#2
1,4-Dioxane
Concen: 16.31 ng
RT: 2.663 min Scan# 98
Delta R.T. -0.024 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



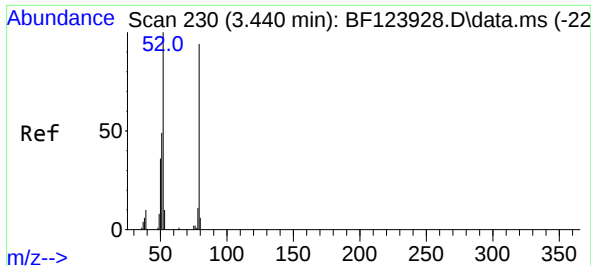
Tgt Ion: 88 Resp: 22115
Ion Ratio Lower Upper
88 100
58 105.6 83.8 125.8
43 43.5 32.2 48.4



Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



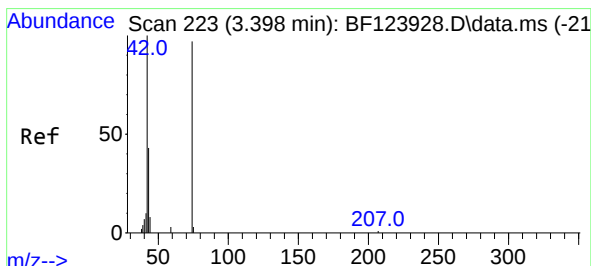
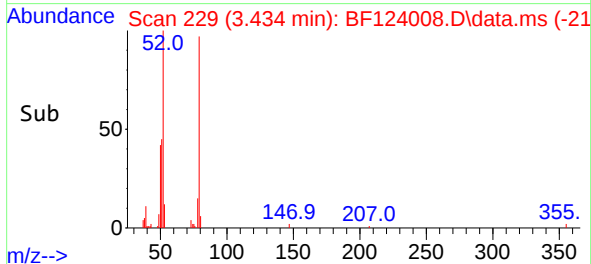
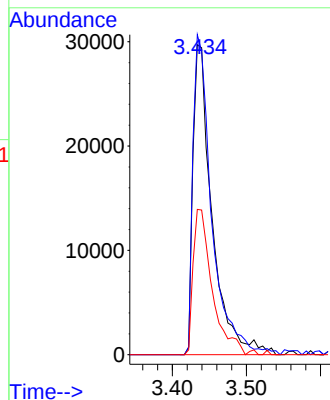
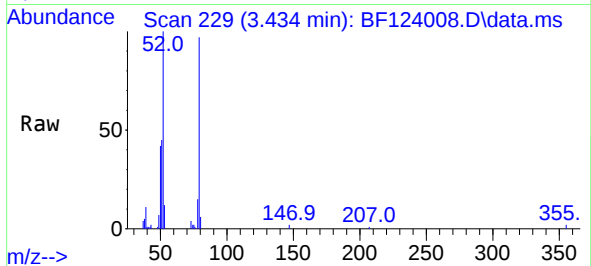
#3
Pyridine
Concen: 15.20 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 79 Resp: 53194
Ion Ratio Lower Upper
79 100
52 103.3 87.4 131.0
51 46.9 41.4 62.0

Instrument :
BNA_F
ClientSampled :
TP-4MSD

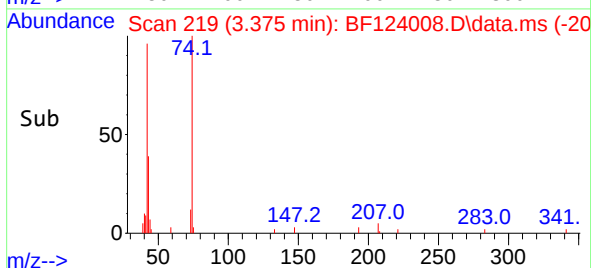
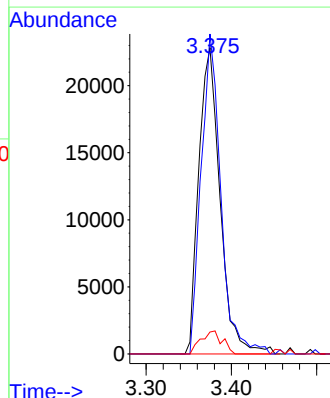
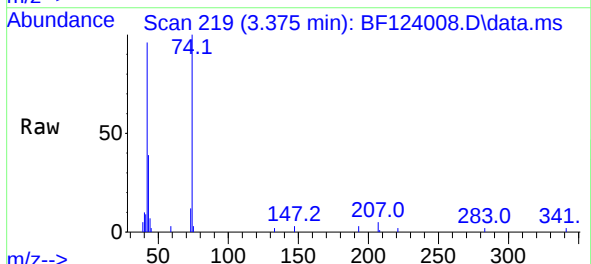
Manual Integrations
APPROVED

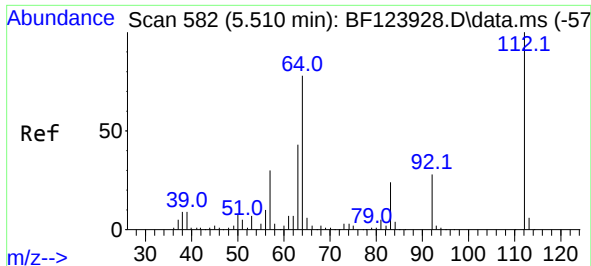
mohammad
5/21/2021 3:21:39 PM



#4
n-Nitrosodimethylamine
Concen: 17.49 ng
RT: 3.375 min Scan# 219
Delta R.T. -0.024 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 42 Resp: 39754
Ion Ratio Lower Upper
42 100
74 104.5 83.5 125.3
44 7.2 5.7 8.5





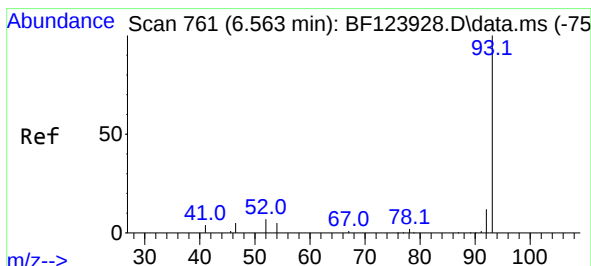
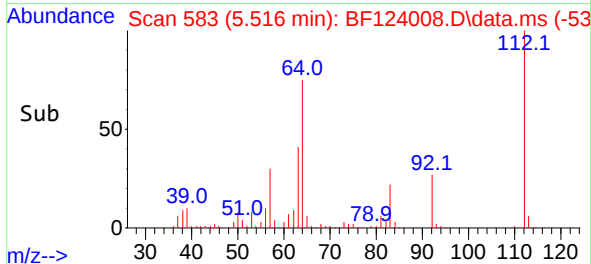
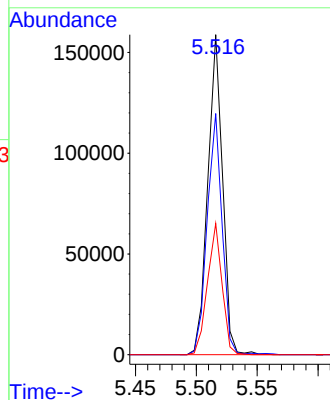
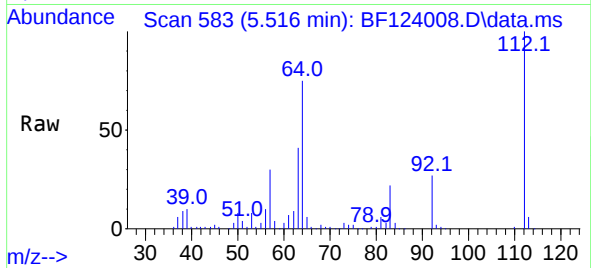
#5
2-Fluorophenol
Concen: 43.38 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 112 Resp: 133908
Ion Ratio Lower Upper
112 100
64 75.3 61.4 92.0
63 41.0 33.0 49.4

Instrument :
BNA_F
ClientSampled :
TP-4MSD

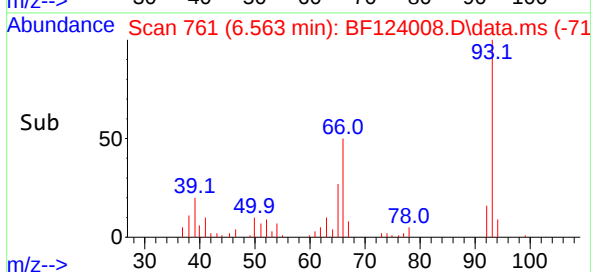
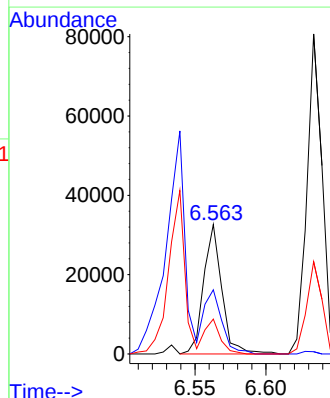
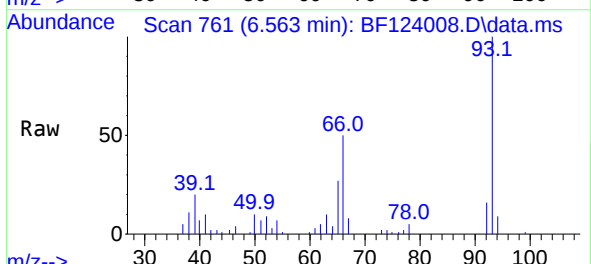
Manual Integrations
APPROVED

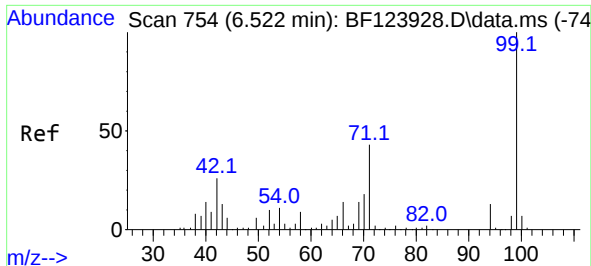
mohammad
5/21/2021 3:21:39 PM



#6
Aniline
Concen: 6.43 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 93 Resp: 29219
Ion Ratio Lower Upper
93 100
66 49.6 36.4 54.6
65 27.0 19.4 29.0





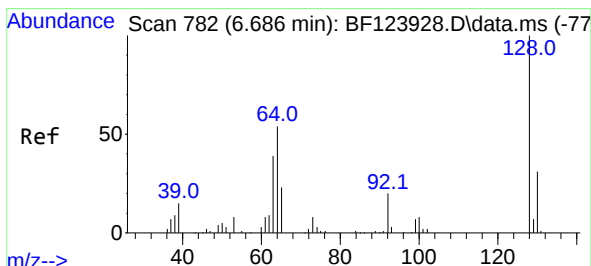
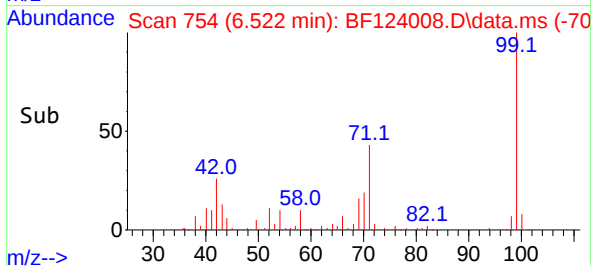
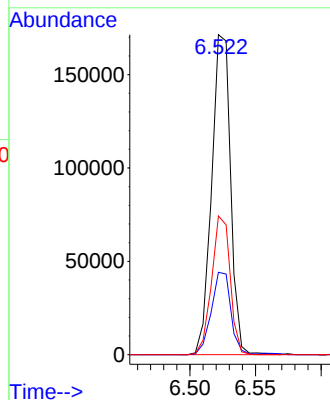
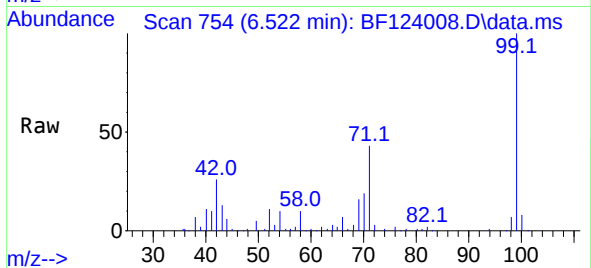
#7
Phenol-d6
Concen: 43.00 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 99 Resp: 172194
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 43.4 31.1 46.7

Instrument :
BNA_F
ClientSampled :
TP-4MSD

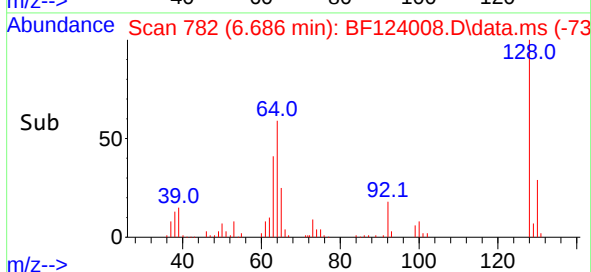
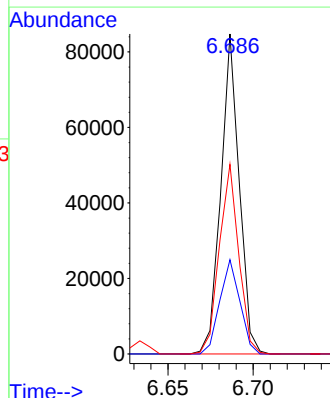
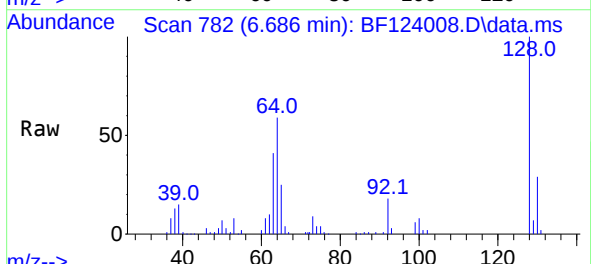
Manual Integrations
APPROVED

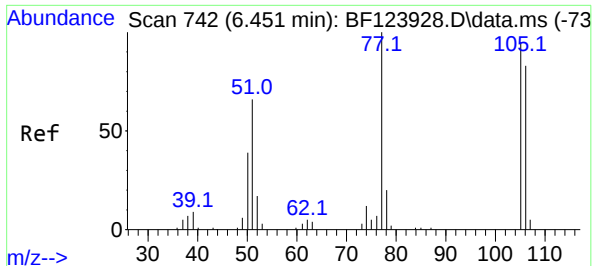
mohammad
5/21/2021 3:21:39 PM



#8
2-Chlorophenol
Concen: 19.84 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

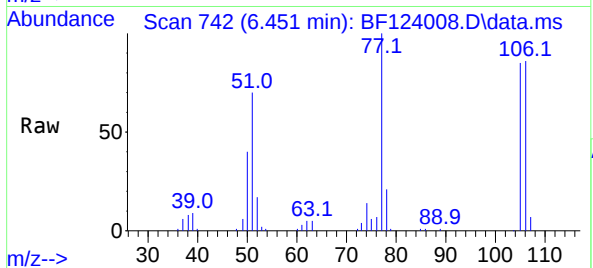
Tgt Ion: 128 Resp: 63740
Ion Ratio Lower Upper
128 100
130 29.4 12.6 52.6
64 59.3 41.5 81.5





#9
Benzaldehyde
Concen: 29.39 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

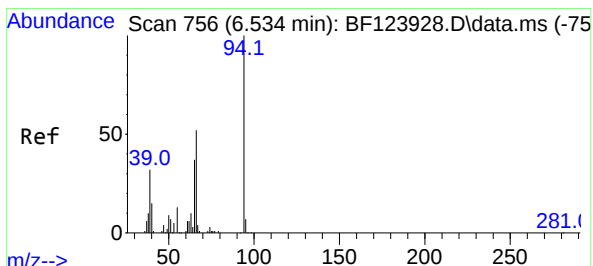
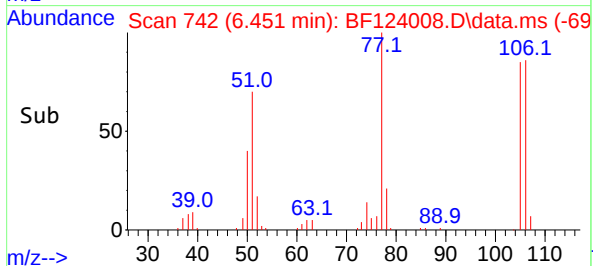
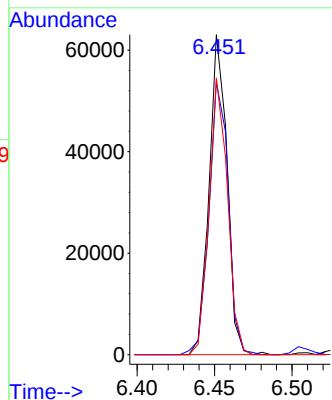
Instrument :
BNA_F
ClientSampled :
TP-4MSD



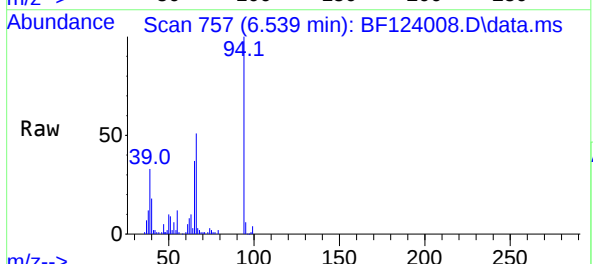
Tgt Ion: 77 Resp: 50931
Ion Ratio Lower Upper
77 100
105 85.2 75.2 115.2
106 86.5 71.6 111.6

Manual Integrations
APPROVED

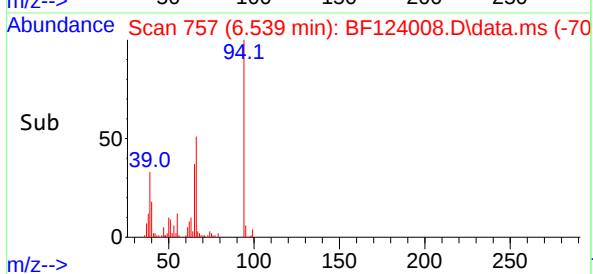
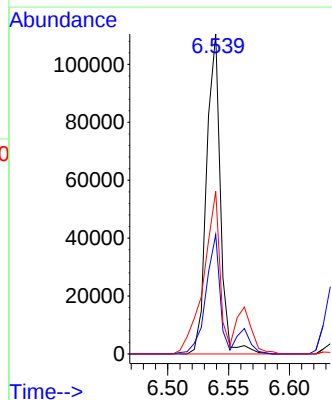
mohammad
5/21/2021 3:21:39 PM

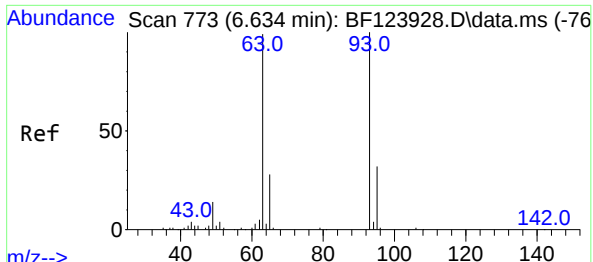


#10
Phenol
Concen: 21.41 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

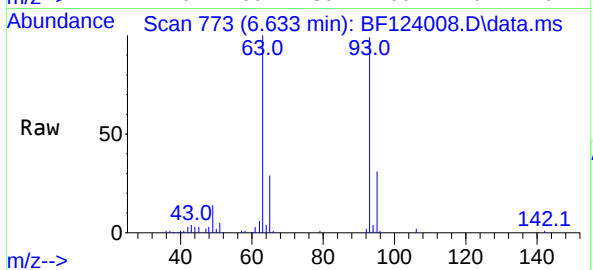


Tgt Ion: 94 Resp: 86645
Ion Ratio Lower Upper
94 100
65 37.3 18.1 58.1
66 50.9 29.0 69.0



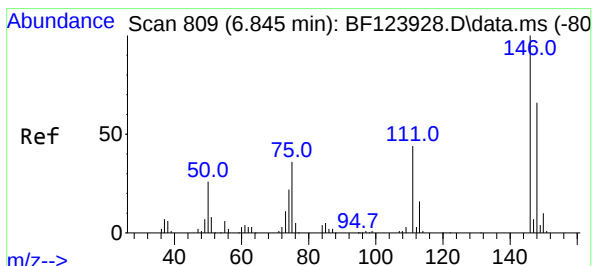
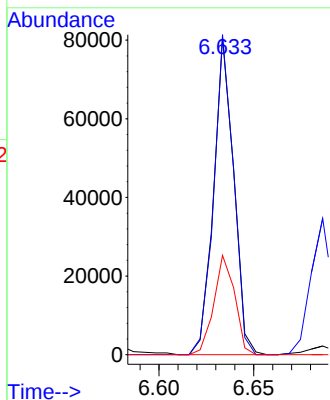
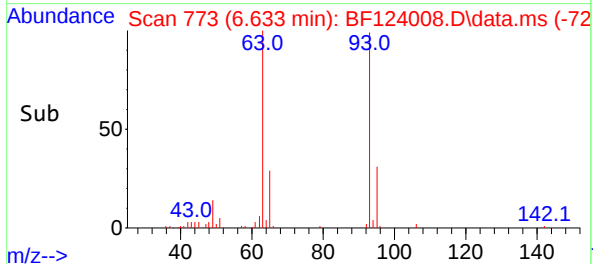


#11
bis(2-Chloroethyl)ether
Concen: 18.97 ng
RT: 6.633 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

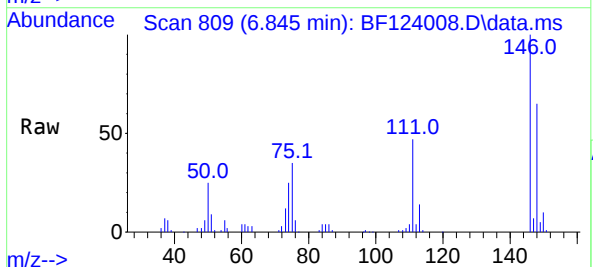


Tgt Ion: 93 Resp: 59668

Ion	Ratio	Lower	Upper
93	100		
63	100.9	76.1	116.1
95	31.3	11.5	51.5

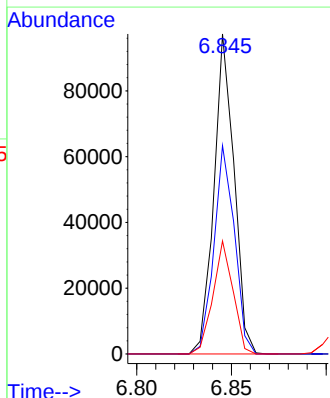
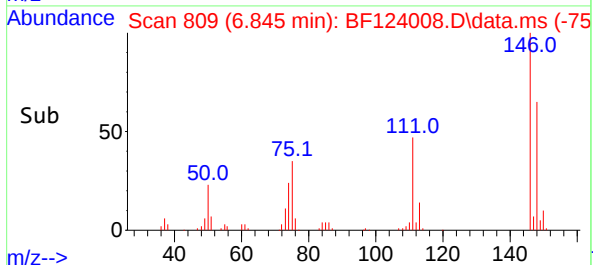


#12
1,3-Dichlorobenzene
Concen: 19.21 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion: 146 Resp: 71909

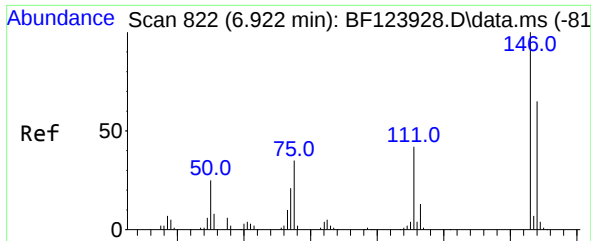
Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	35.3	34.2	51.4



Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



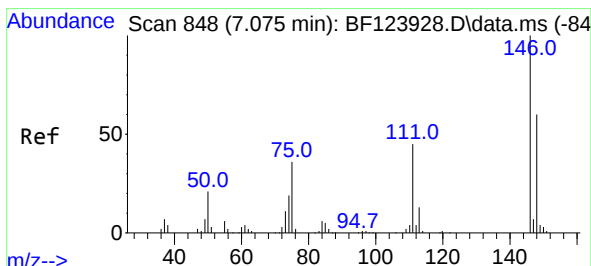
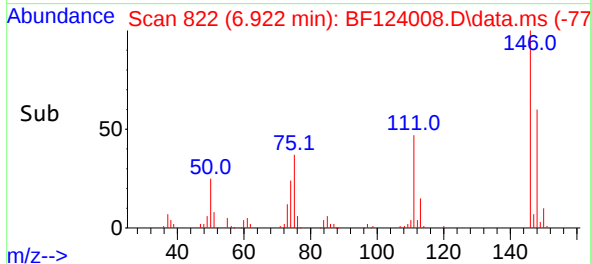
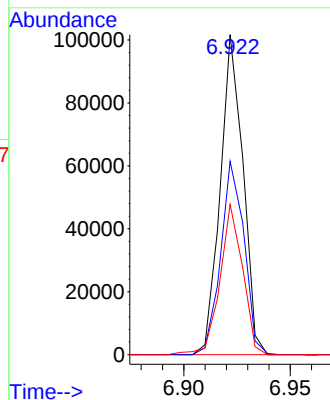
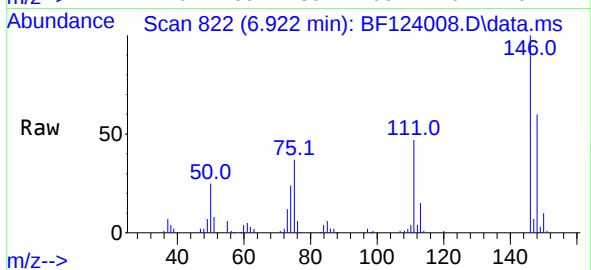
#13
1,4-Dichlorobenzene
Concen: 19.70 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:146 Resp: 75418
Ion Ratio Lower Upper
146 100
148 60.4 49.9 74.9
111 47.0 39.5 59.3

Instrument :
BNA_F
ClientSampled :
TP-4MSD

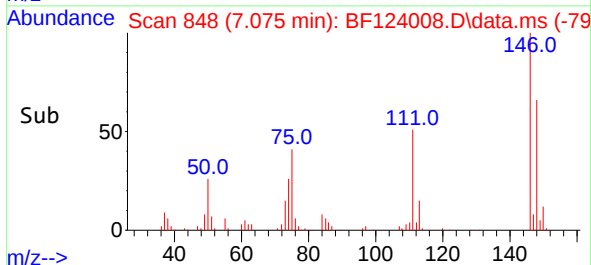
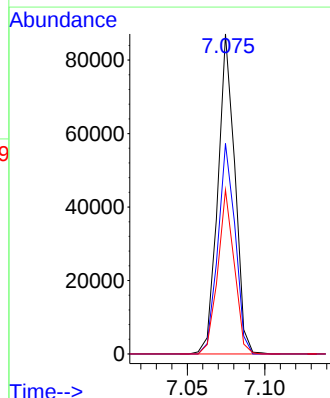
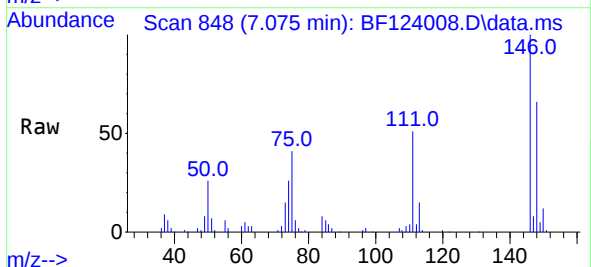
Manual Integrations
APPROVED

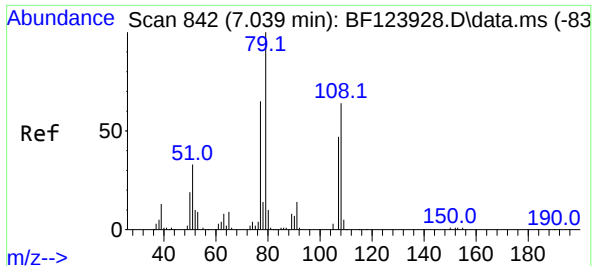
mohammad
5/21/2021 3:21:39 PM



#14
1,2-Dichlorobenzene
Concen: 18.56 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:146 Resp: 66411
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
111 51.3 38.4 57.6





#15

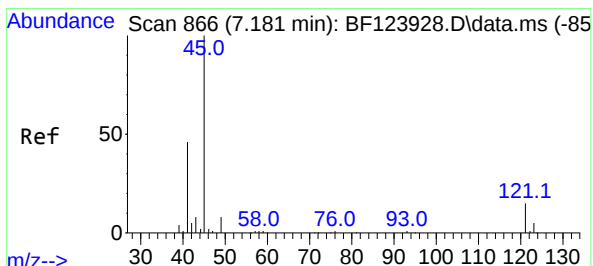
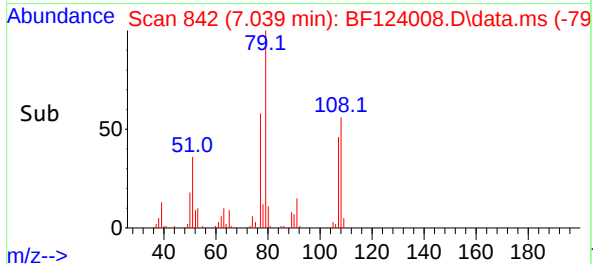
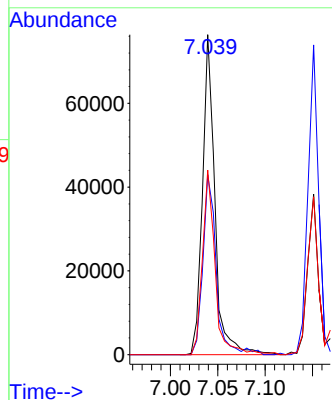
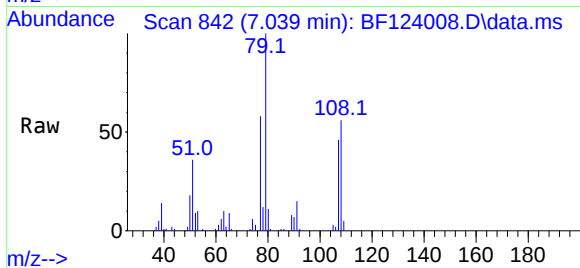
Benzyl Alcohol
Concen: 20.12 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 79 Resp: 69586
Ion Ratio Lower Upper
79 100
108 56.2 55.8 83.8
77 57.7 49.9 74.9

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

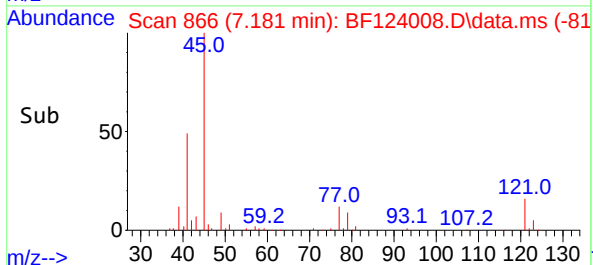
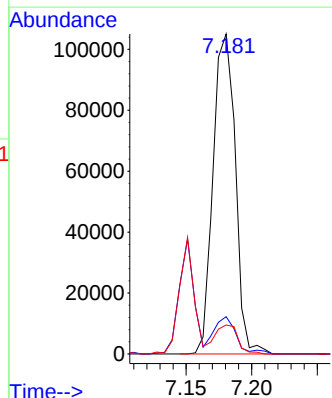
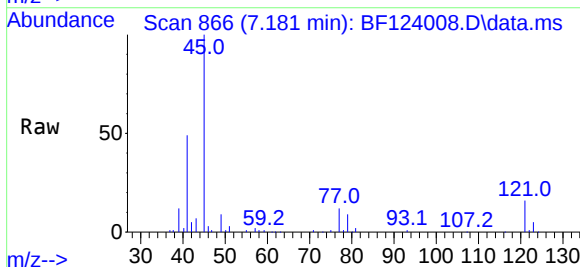
mohammad
5/21/2021 3:21:39 PM

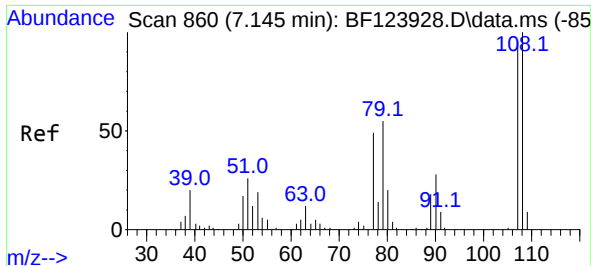


#16

2,2'-oxybis(1-Chloropropane)
Concen: 19.58 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 45 Resp: 123980
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.0
79 9.1 0.0 27.3





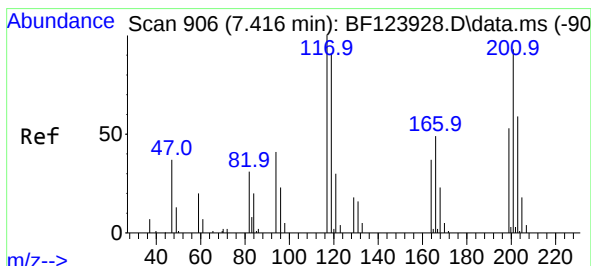
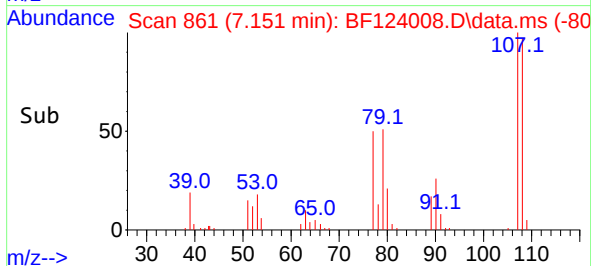
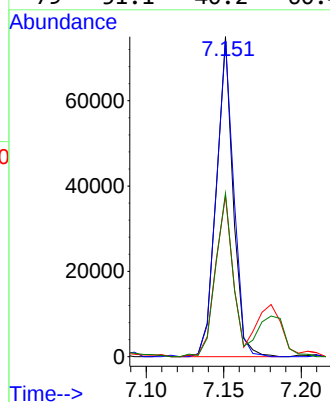
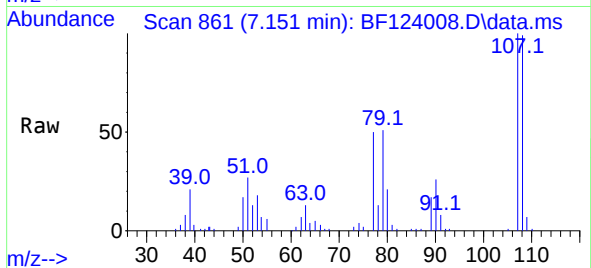
#17
2-Methylphenol
Concen: 21.74 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	107	Resp:	56632
Ion	Ratio	Lower	Upper
107	100		
108	98.6	89.8	134.8
77	50.3	40.9	61.3
79	51.1	40.2	60.4

Instrument :
BNA_F
ClientSampled :
TP-4MSD

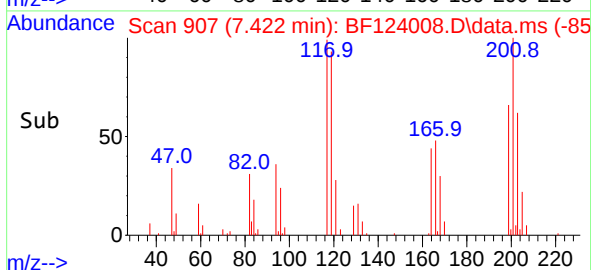
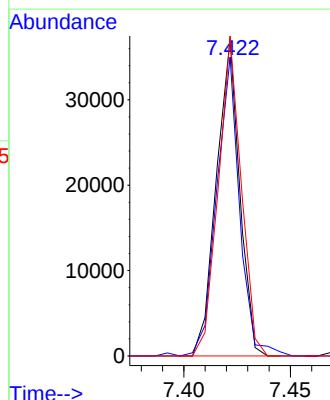
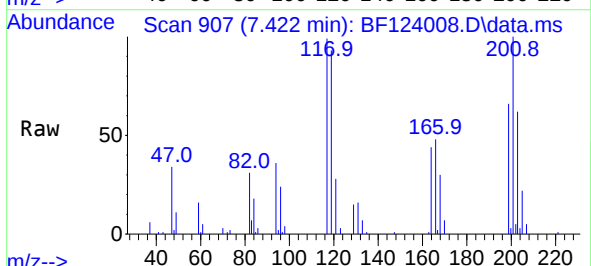
Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM

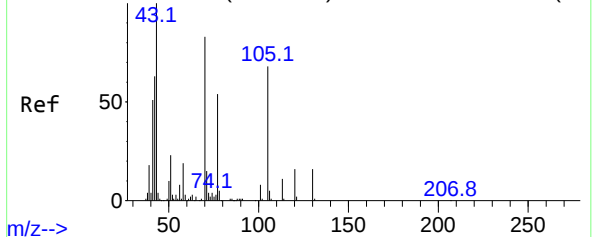


#18
Hexachloroethane
Concen: 19.78 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

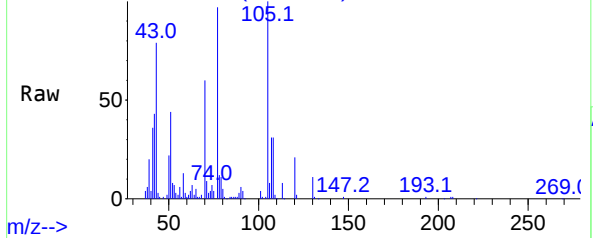
Tgt Ion:	117	Resp:	28071
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.8	116.8
201	100.9	67.8	101.8



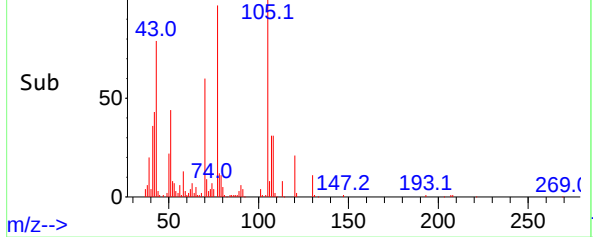
Abundance Scan 889 (7.310 min): BF123928.D\data.ms (-88



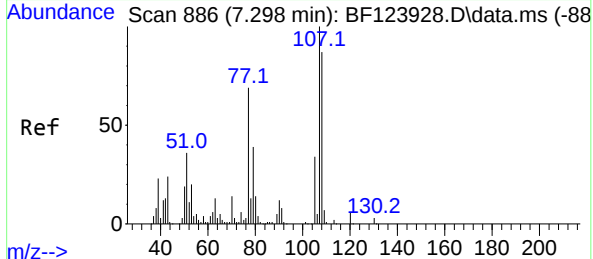
m/z--> Scan 888 (7.310 min): BF124008.D\data.ms



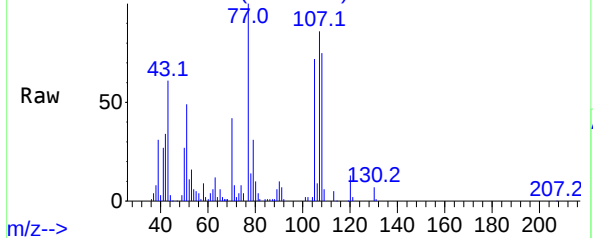
m/z--> Scan 888 (7.310 min): BF124008.D\data.ms (-83



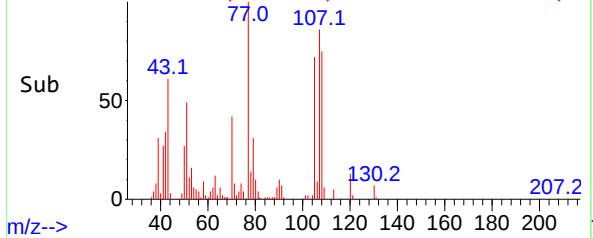
m/z--> Scan 886 (7.298 min): BF123928.D\data.ms (-88



m/z--> Scan 887 (7.304 min): BF124008.D\data.ms



m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83



m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

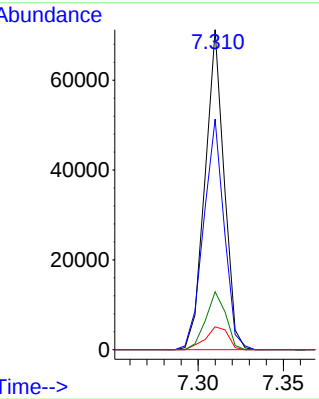
m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

m/z--> Scan 887 (7.304 min): BF124008.D\data.ms (-83

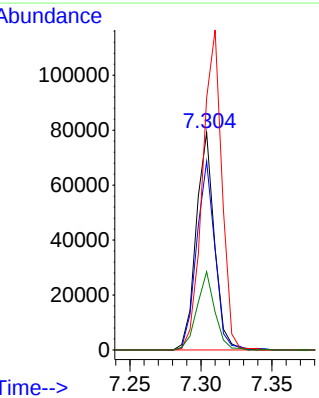
#19
n-Nitroso-di-n-propylamine
Concen: 20.56 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	70	Resp:	55628
Ion	Ratio	Lower	Upper
70	100		
42	72.0	60.1	90.1
101	7.2	7.4	11.2#
130	18.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 20.52 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

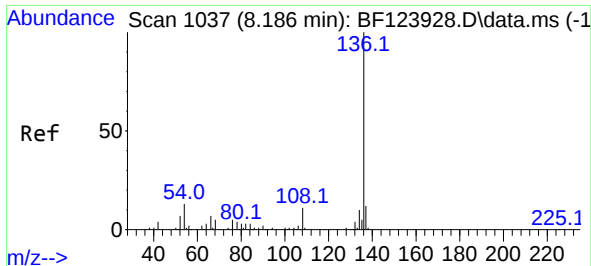
Tgt Ion:	107	Resp:	70427
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.5	111.5
77	115.9	82.0	122.0
79	36.0	14.1	54.1



Instrument :
BNA_F
ClientSampled :
TP-4MSD

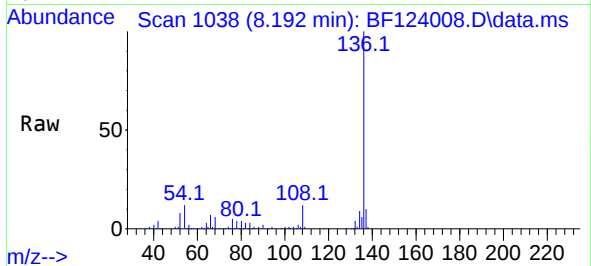
Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Instrument :
BNA_F
ClientSampled :
TP-4MSD

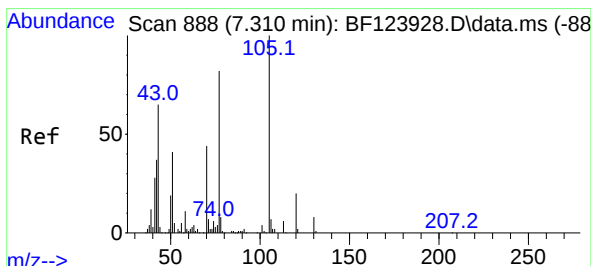
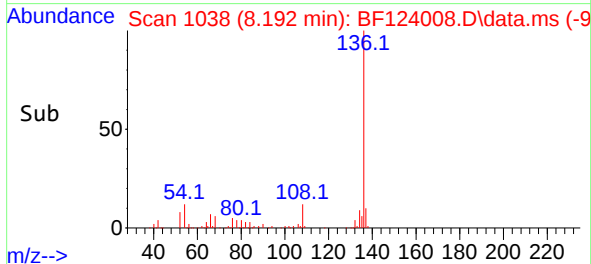
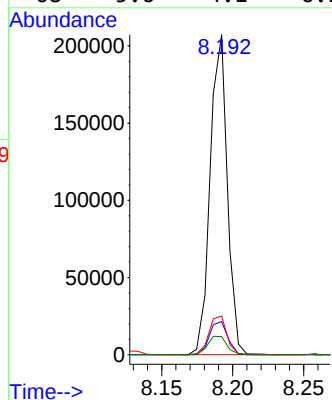


Tgt Ion:136 Resp: 174223

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	12.1	9.8	14.6
68	5.6	4.1	6.1

Manual Integrations
APPROVED

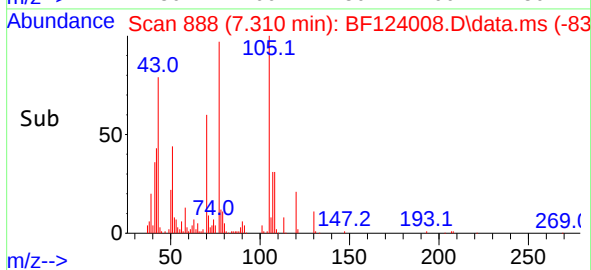
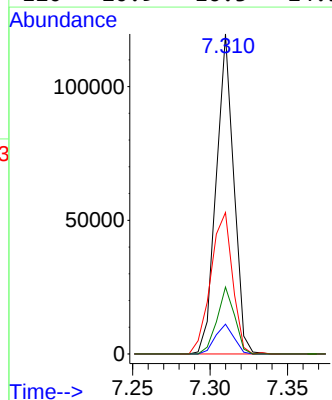
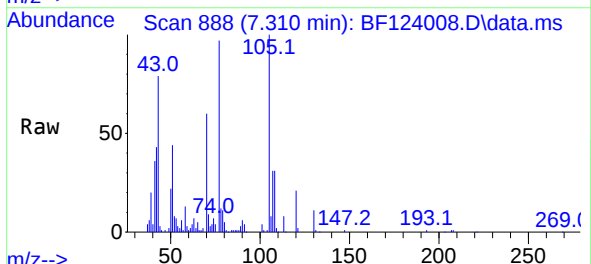
mohammad
5/21/2021 3:21:39 PM

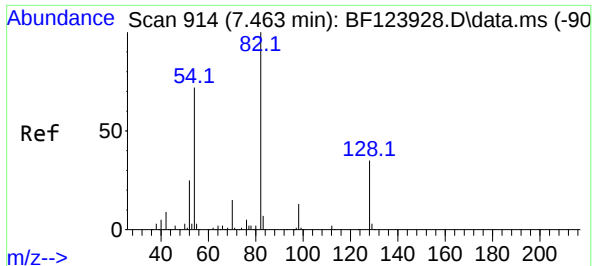


#22
Acetophenone
Concen: 19.07 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:105 Resp: 94353

Ion	Ratio	Lower	Upper
105	100		
71	9.3	4.2	6.4#
51	44.2	33.6	50.4
120	20.9	16.3	24.5





#23

Nitrobenzene-d5

Concen: 32.04 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF124008.D

Acq: 20 May 2021 14:35

Tgt Ion:	82	Resp:	129544
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	72.6	54.1	81.1

Instrument :

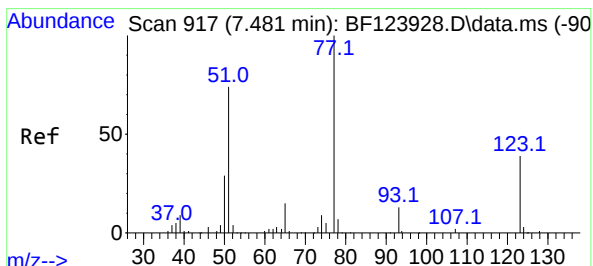
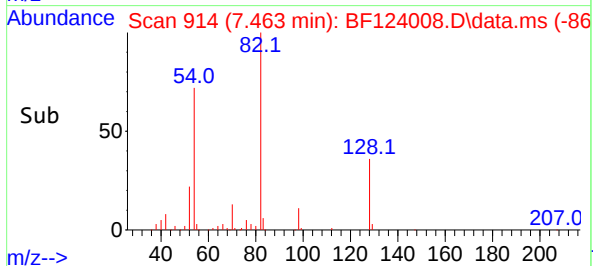
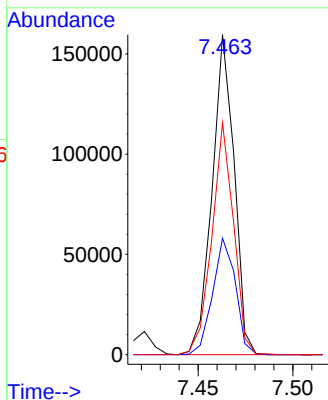
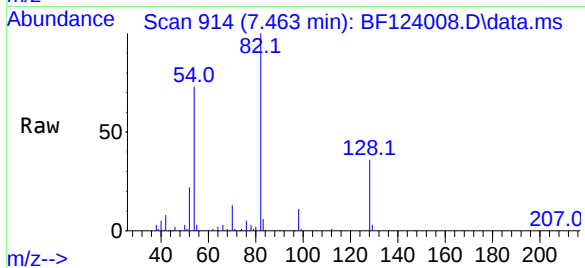
BNA_F

ClientSampled :

TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



#24

Nitrobenzene

Concen: 18.58 ng

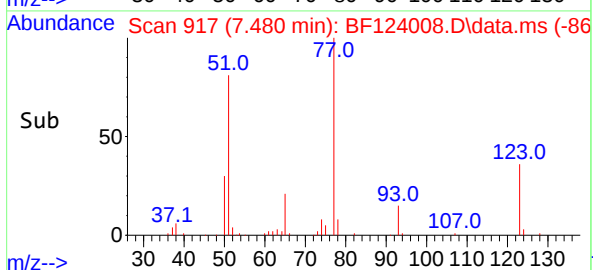
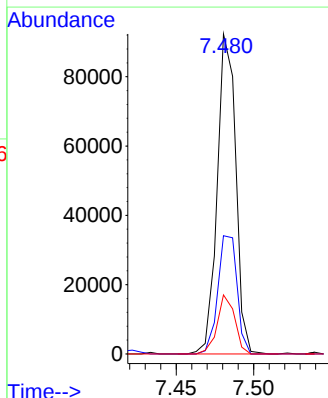
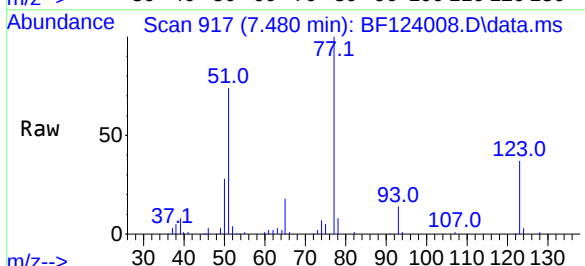
RT: 7.480 min Scan# 917

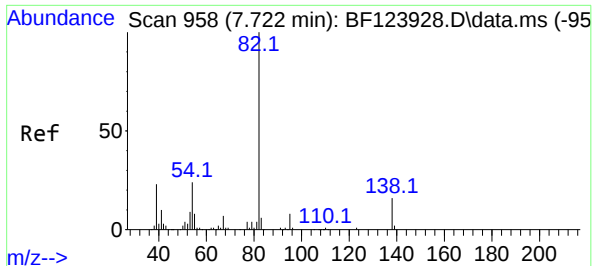
Delta R.T. -0.000 min

Lab File: BF124008.D

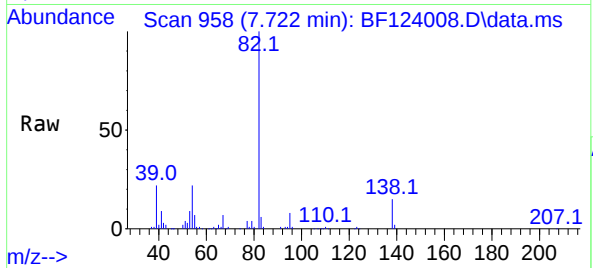
Acq: 20 May 2021 14:35

Tgt Ion:	77	Resp:	76810
Ion	Ratio	Lower	Upper
77	100		
123	37.0	34.5	51.7
65	18.4	12.2	18.2#

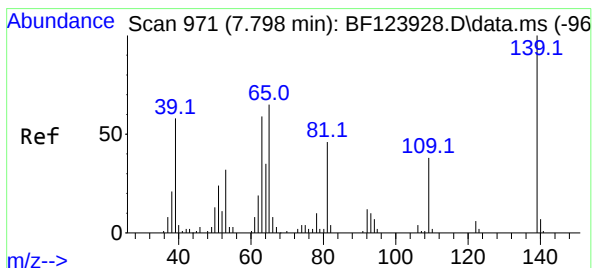
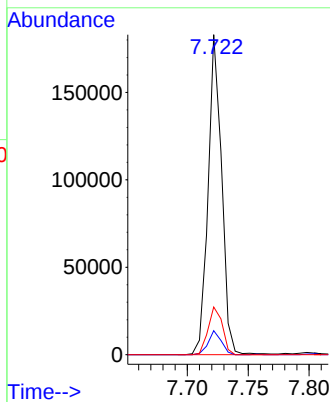
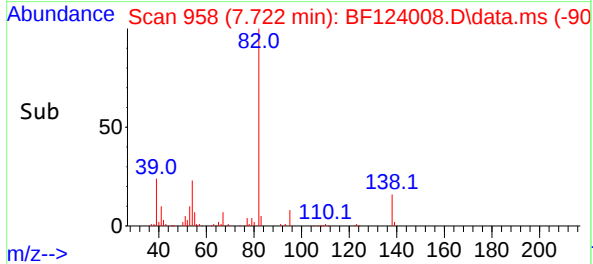




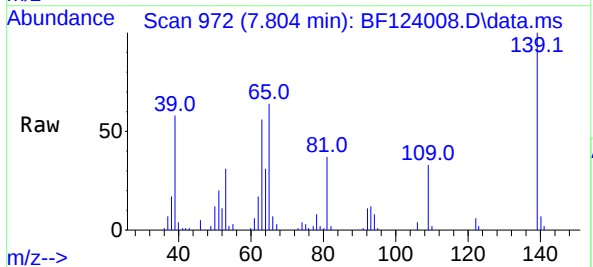
#25
Isophorone
Concen: 18.16 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



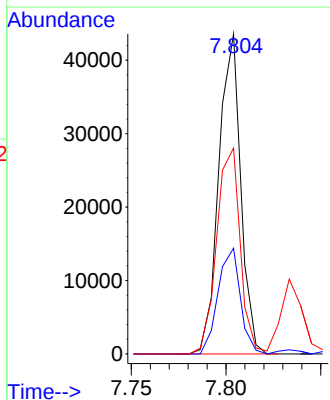
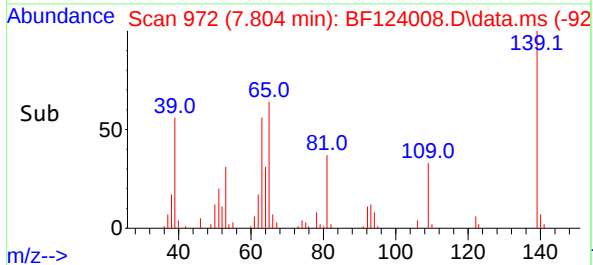
Tgt Ion: 82 Resp: 141238
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 14.9 11.8 17.8



#26
2-Nitrophenol
Concen: 22.54 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



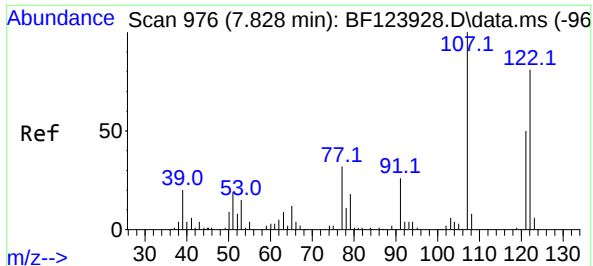
Tgt Ion: 139 Resp: 35061
Ion Ratio Lower Upper
139 100
109 33.1 28.6 43.0
65 64.3 56.8 85.2



Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



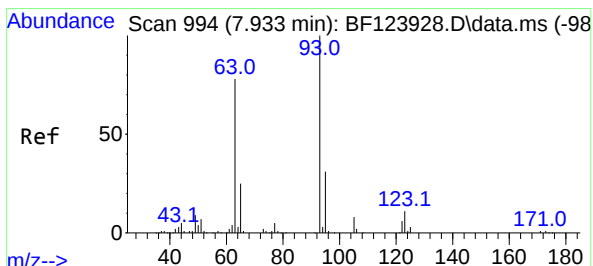
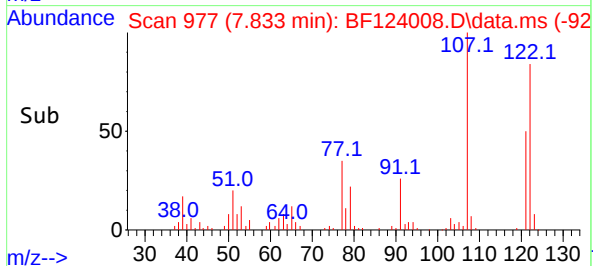
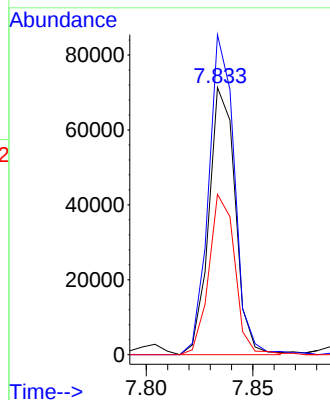
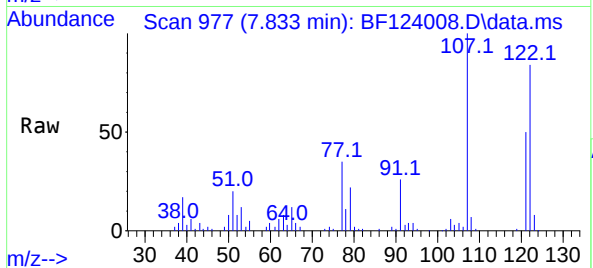
#27
2,4-Dimethylphenol
Concen: 20.65 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 122 Resp: 61501
Ion Ratio Lower Upper
122 100
107 119.8 106.3 159.5
121 60.0 45.4 68.0

Instrument :
BNA_F
ClientSampled :
TP-4MSD

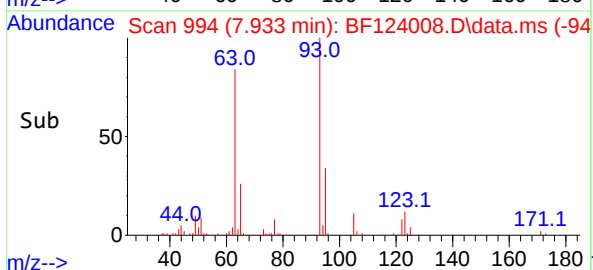
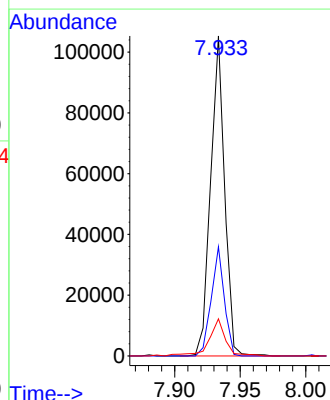
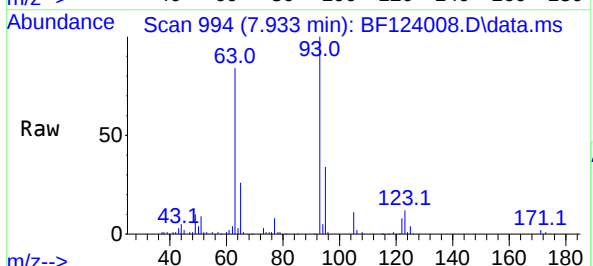
Manual Integrations
APPROVED

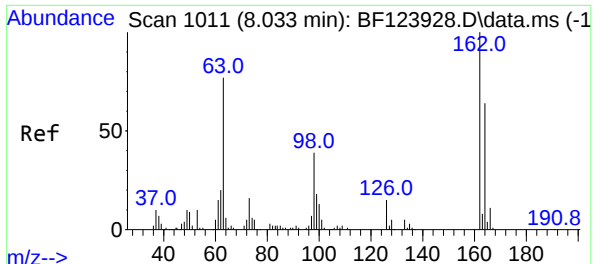
mohammad
5/21/2021 3:21:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 20.08 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 93 Resp: 78559
Ion Ratio Lower Upper
93 100
95 34.1 26.5 39.7
123 11.6 8.4 12.6





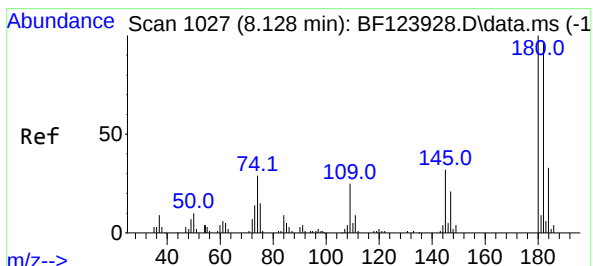
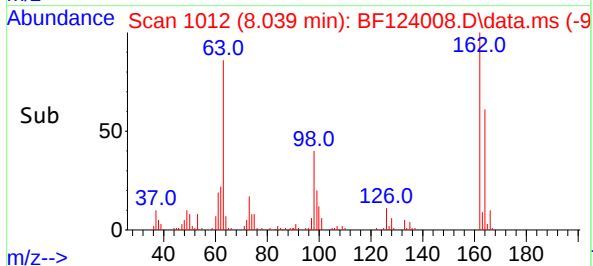
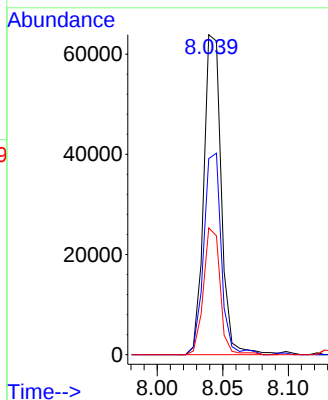
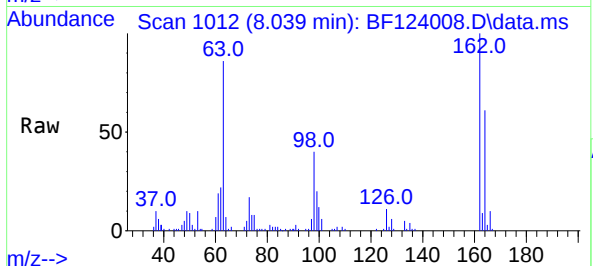
#29
2,4-Dichlorophenol
Concen: 19.82 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tgt Ion:162 Resp: 59734
Ion Ratio Lower Upper
162 100
164 61.3 44.1 84.1
98 39.6 27.3 67.3

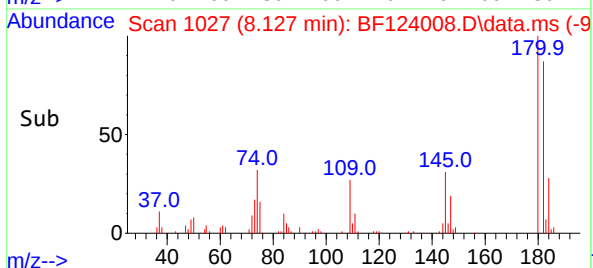
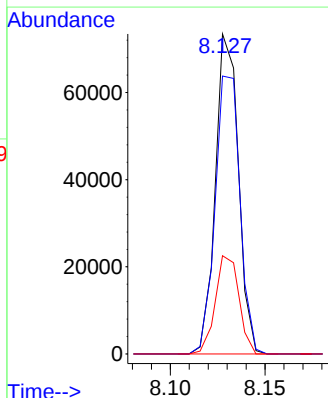
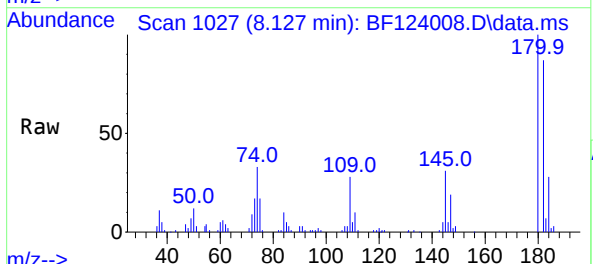
Manual Integrations
APPROVED

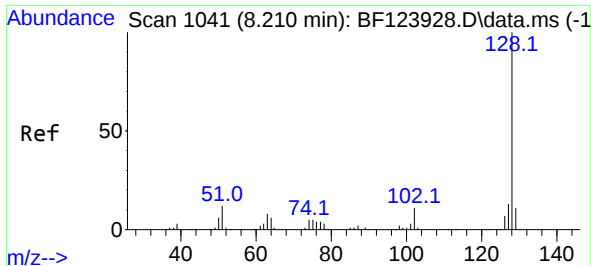
mohammad
5/21/2021 3:21:39 PM



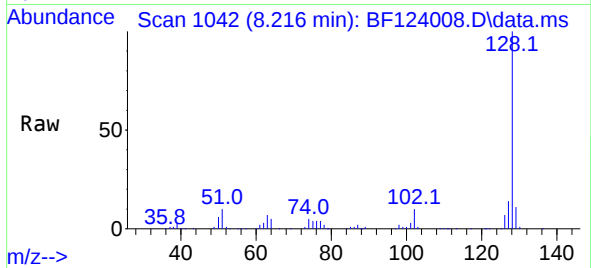
#30
1,2,4-Trichlorobenzene
Concen: 18.30 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:180 Resp: 62019
Ion Ratio Lower Upper
180 100
182 86.8 77.2 115.8
145 30.7 26.0 39.0

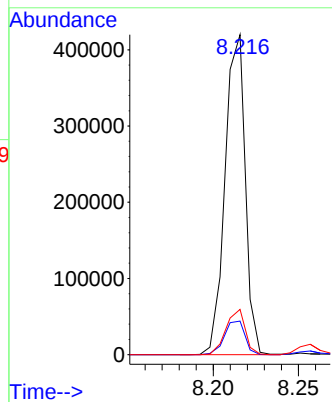
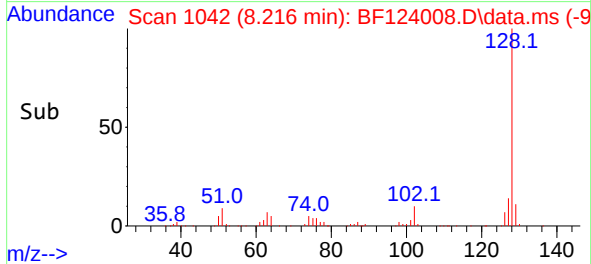




#31
Naphthalene
Concen: 33.67 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



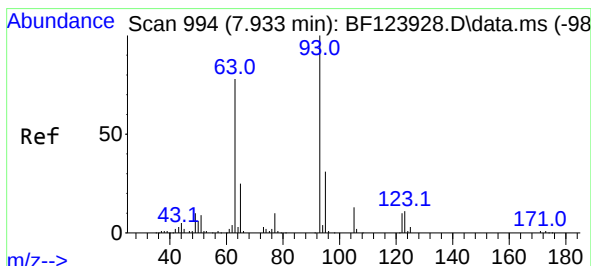
Tgt Ion:128 Resp: 347185
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 14.1 10.8 16.2



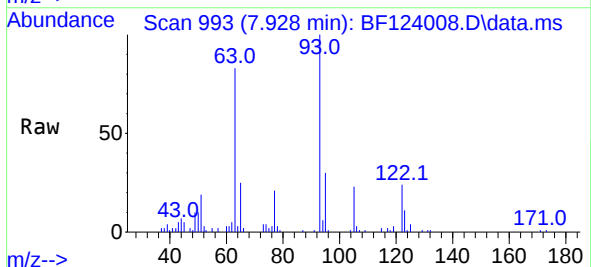
Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

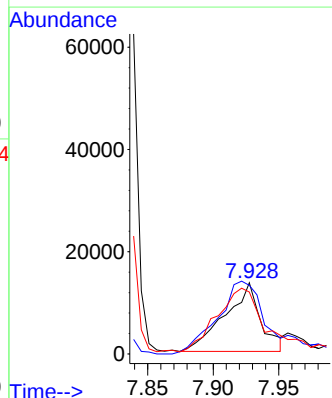
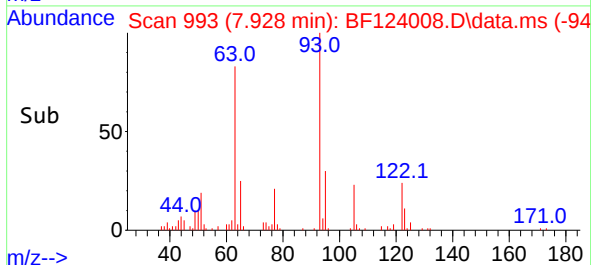
mohammad
5/21/2021 3:21:39 PM

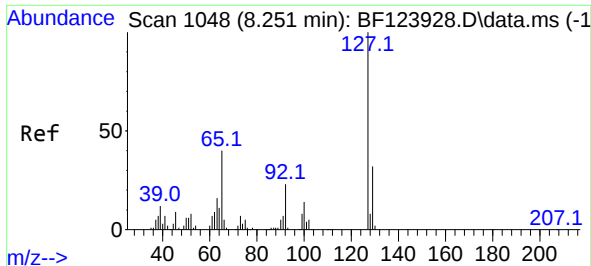


#32
Benzoic acid
Concen: 15.64 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



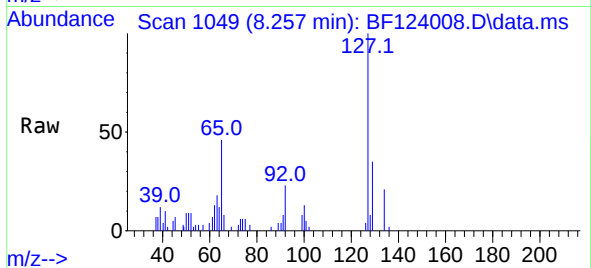
Tgt Ion:122 Resp: 25566
Ion Ratio Lower Upper
122 100
105 96.4 107.8 147.8#
77 86.9 81.6 121.6





#33
4-Chloroaniline
Concen: 3.43 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

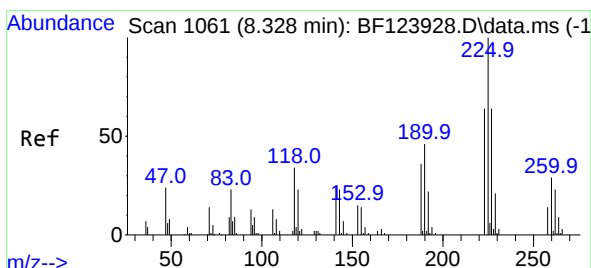
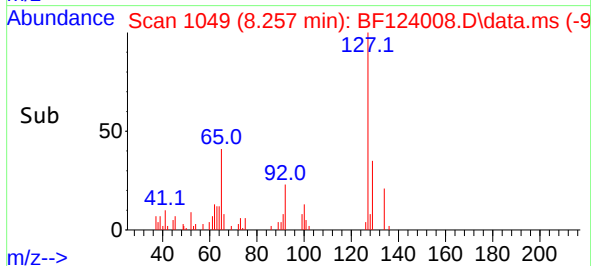
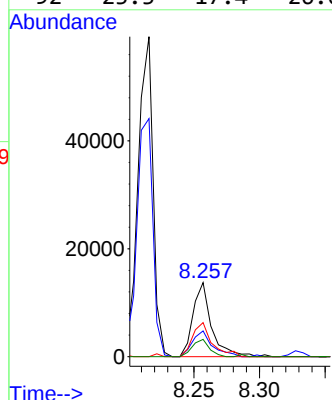
Instrument :
BNA_F
ClientSampled :
TP-4MSD



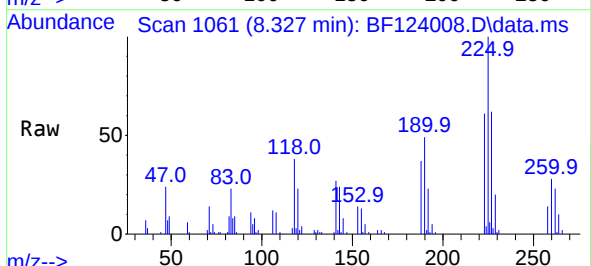
Tgt Ion:	127	Resp:	13464
Ion Ratio	Lower	Upper	
127	100		
129	34.9	25.7	38.5
65	46.0	34.5	51.7
92	23.3	17.4	26.0

Manual Integrations
APPROVED

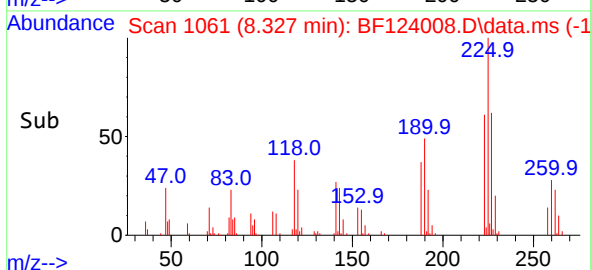
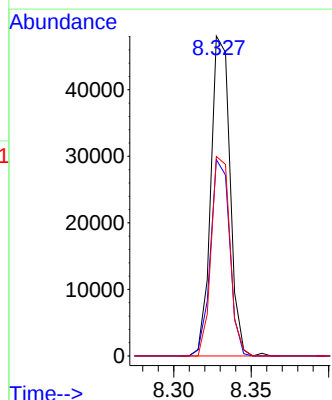
mohammad
5/21/2021 3:21:39 PM

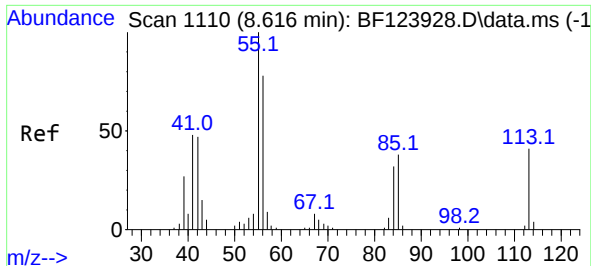


#34
Hexachlorobutadiene
Concen: 18.60 ng
RT: 8.327 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion:	225	Resp:	41265
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.4	75.6
227	65.1	51.4	77.0





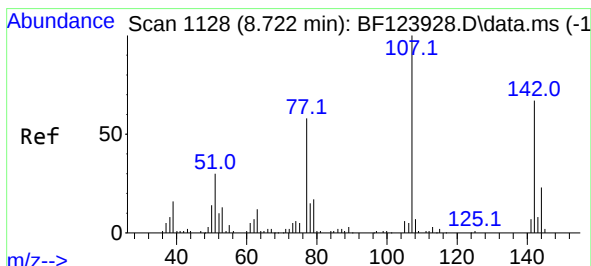
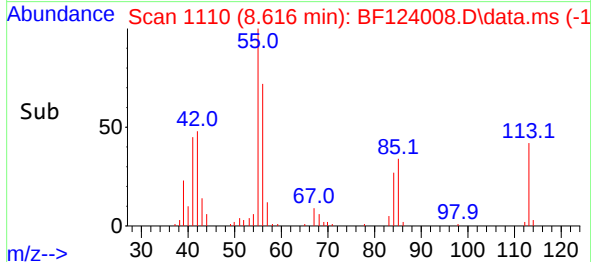
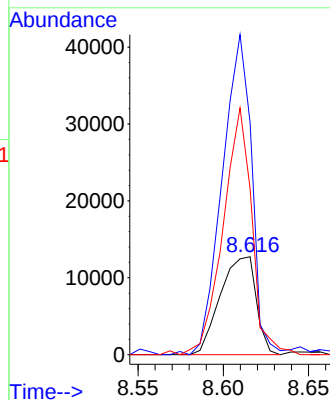
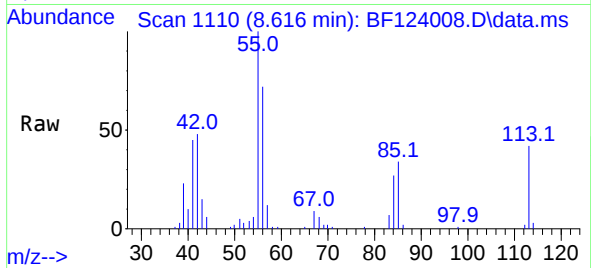
#35
Caprolactam
Concen: 22.71 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:113 Resp: 18635
Ion Ratio Lower Upper
113 100
55 236.6 254.9 294.9#
56 169.3 179.4 219.4#

Instrument :
BNA_F
ClientSampled :
TP-4MSD

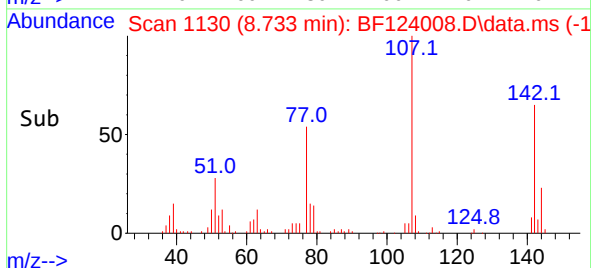
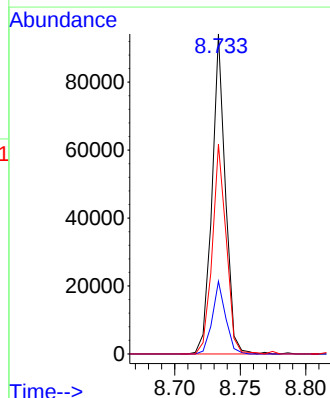
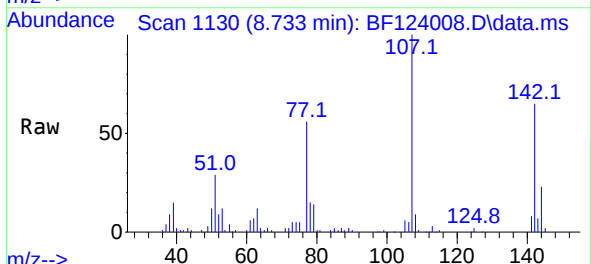
Manual Integrations
APPROVED

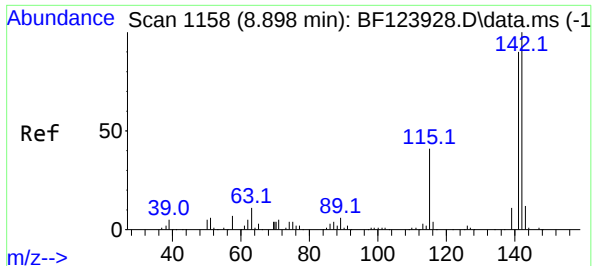
mohammad
5/21/2021 3:21:39 PM



#36
4-Chloro-3-methylphenol
Concen: 20.34 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:107 Resp: 67050
Ion Ratio Lower Upper
107 100
144 22.7 16.3 24.5
142 65.5 50.1 75.1





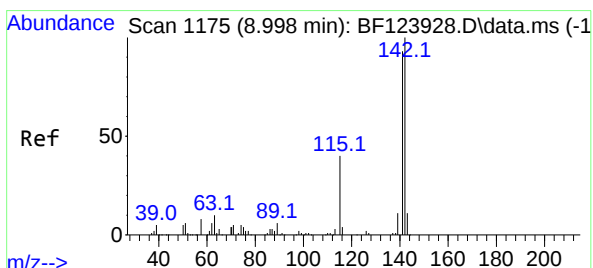
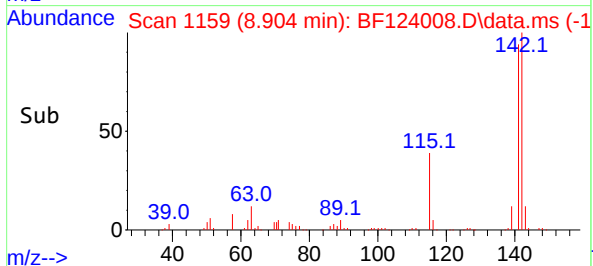
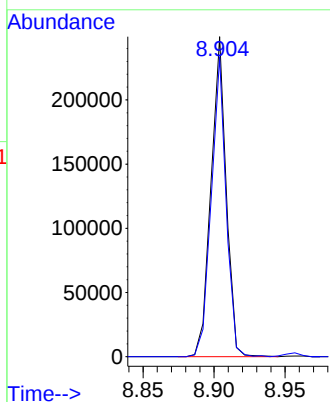
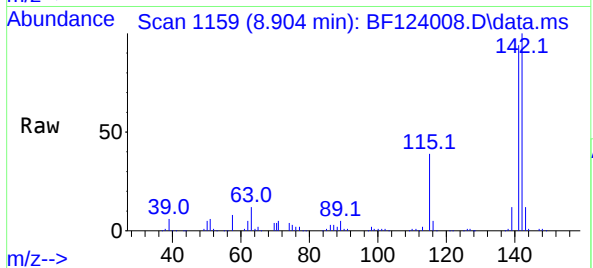
#37
2-Methylnaphthalene
Concen: 26.60 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tgt Ion:142 Resp: 185927
Ion Ratio Lower Upper
142 100
141 93.7 71.8 107.6

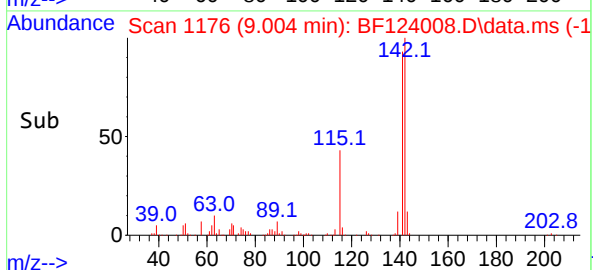
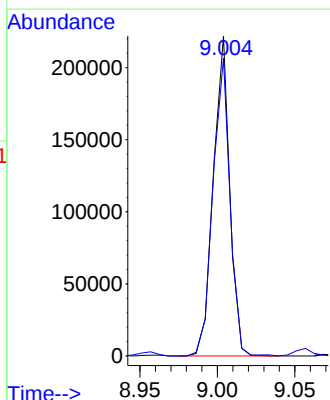
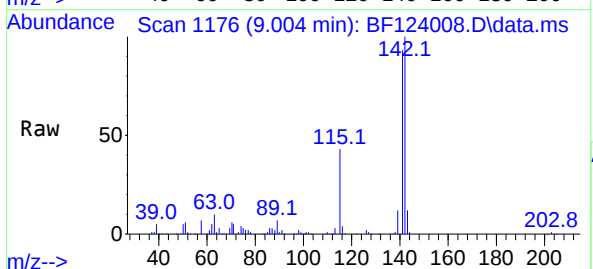
Manual Integrations
APPROVED

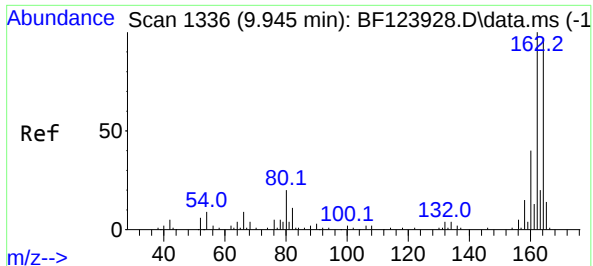
mohammad
5/21/2021 3:21:39 PM



#38
1-Methylnaphthalene
Concen: 25.00 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

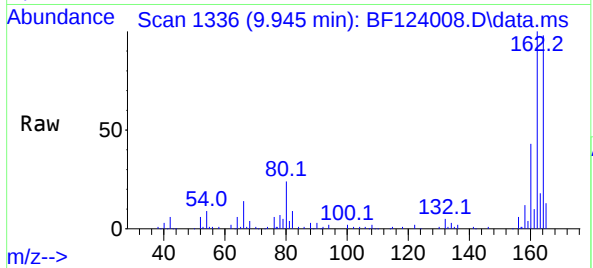
Tgt Ion:142 Resp: 163025
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

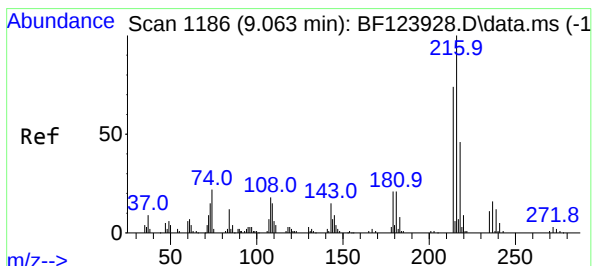
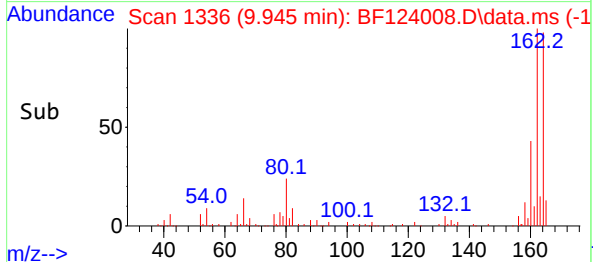
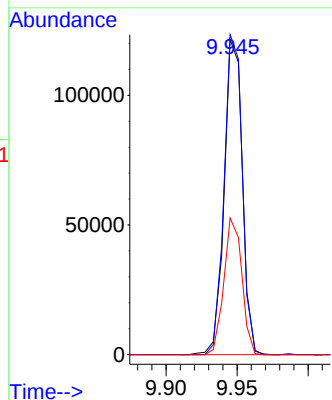
Instrument :
BNA_F
ClientSampled :
TP-4MSD



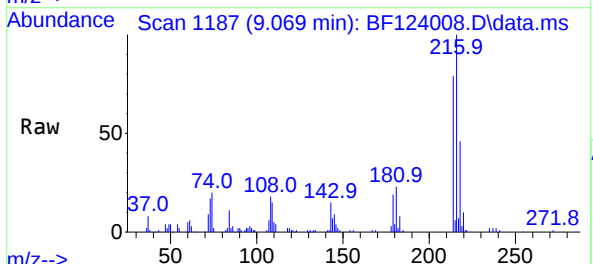
Tgt Ion:164 Resp: 107555
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 43.4 37.3 55.9

Manual Integrations
APPROVED

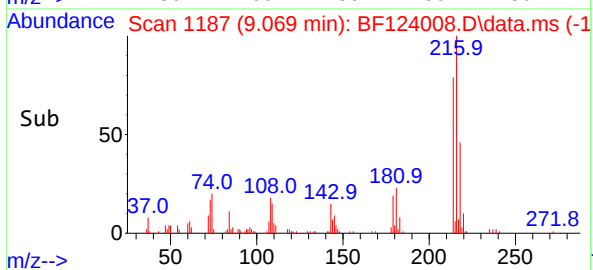
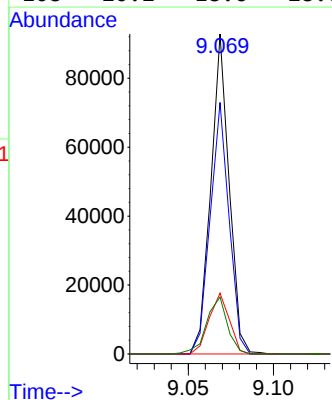
mohammad
5/21/2021 3:21:39 PM

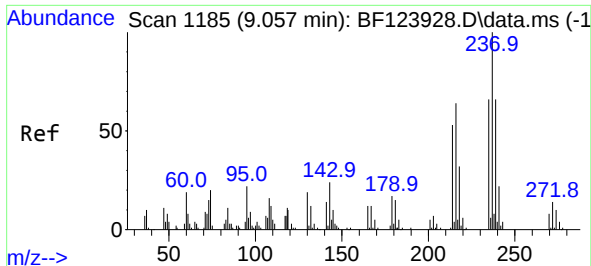


#40
1,2,4,5-Tetrachlorobenzene
Concen: 17.91 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion:216 Resp: 69478
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.8
179 21.0 17.9 26.9
108 20.2 18.6 28.0





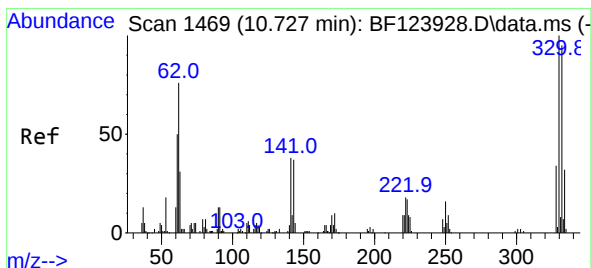
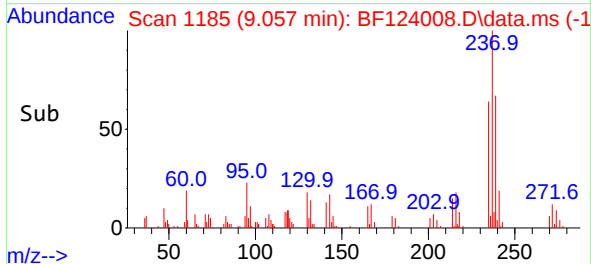
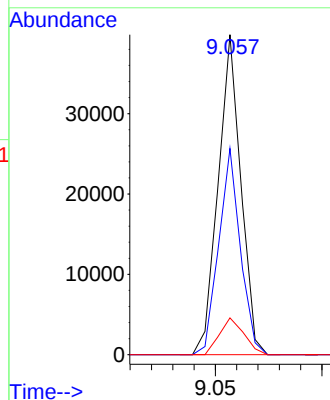
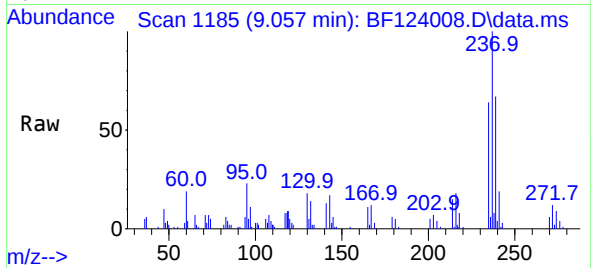
#41
Hexachlorocyclopentadiene
Concen: 11.96 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	237	Resp:	29497
Ion Ratio	Lower	Upper	
237	100		
235	64.5	38.8	78.8
272	11.5	0.0	32.4

Instrument :
BNA_F
ClientSampled :
TP-4MSD

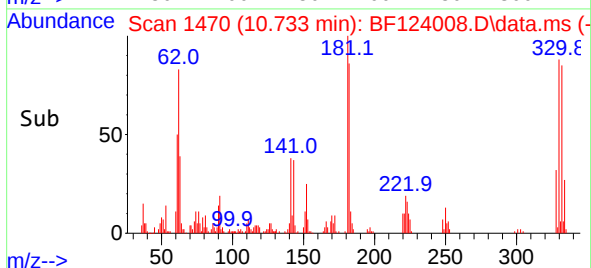
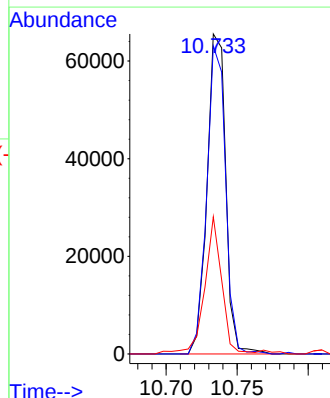
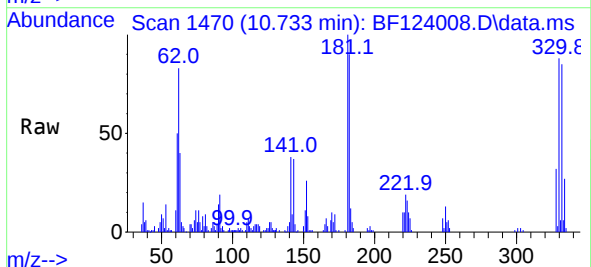
Manual Integrations
APPROVED

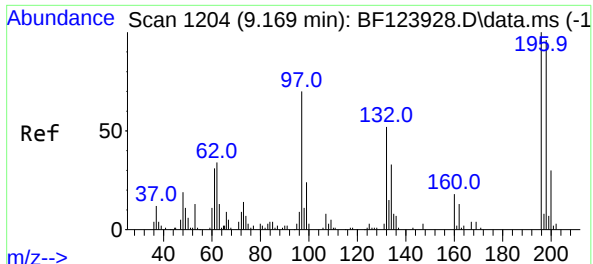
mohammad
5/21/2021 3:21:39 PM



#42
2,4,6-Tribromophenol
Concen: 46.43 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	330	Resp:	59979
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.1	115.7
141	39.3	27.9	41.9





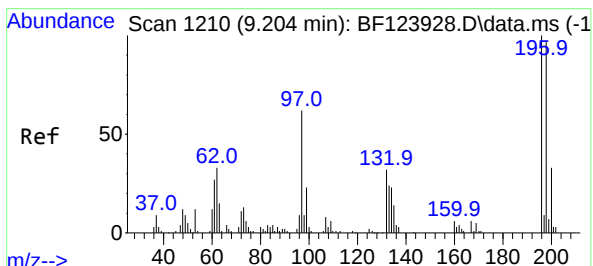
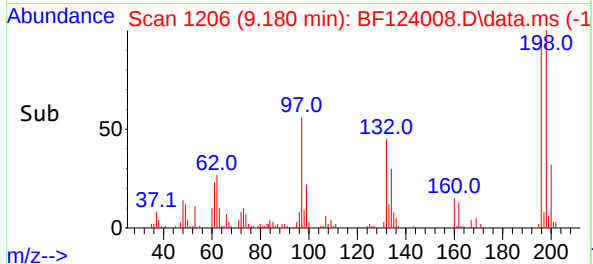
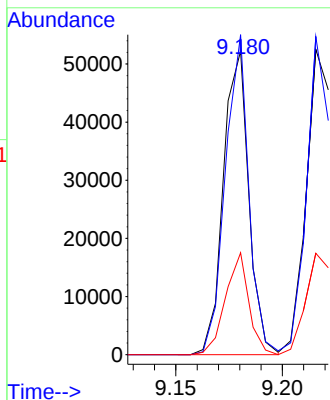
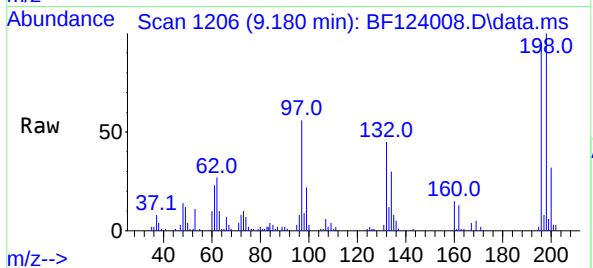
#43
2,4,6-Trichlorophenol
Concen: 17.26 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:196 Resp: 43452
Ion Ratio Lower Upper
196 100
198 105.4 78.2 117.2
200 33.6 25.0 37.6

Instrument :
BNA_F
ClientSampled :
TP-4MSD

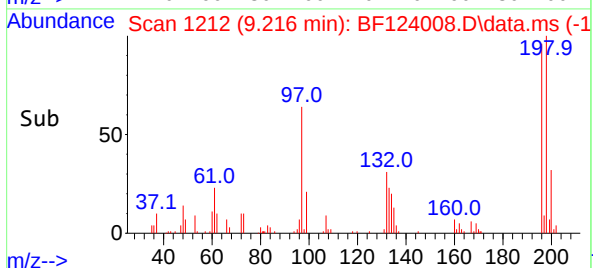
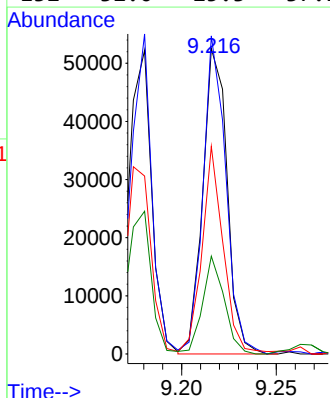
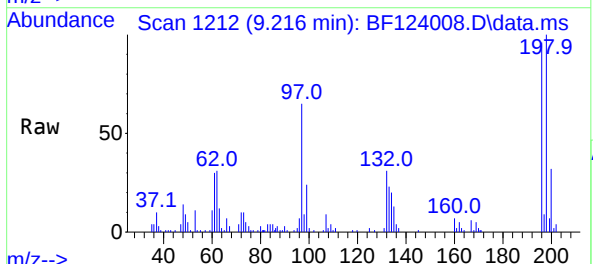
Manual Integrations
APPROVED

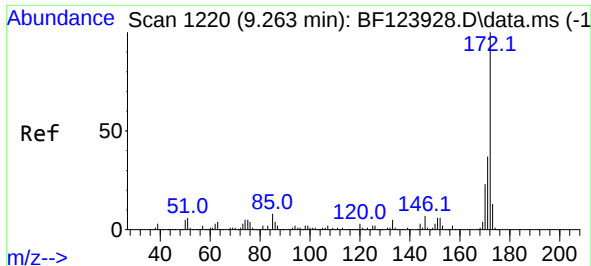
mohammad
5/21/2021 3:21:39 PM



#44
2,4,5-Trichlorophenol
Concen: 17.96 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:196 Resp: 46964
Ion Ratio Lower Upper
196 100
198 104.2 76.5 114.7
97 68.0 52.9 79.3
132 32.0 25.3 37.9





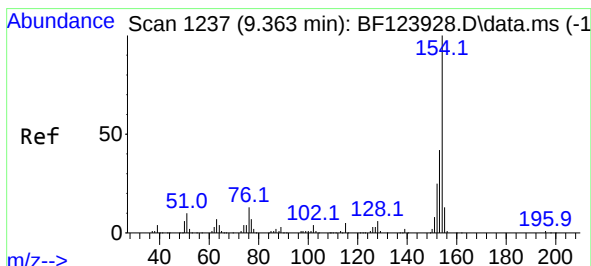
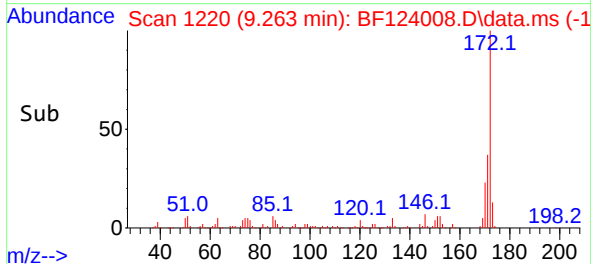
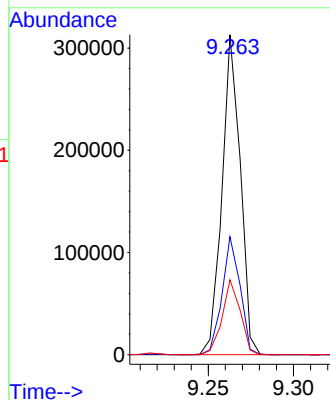
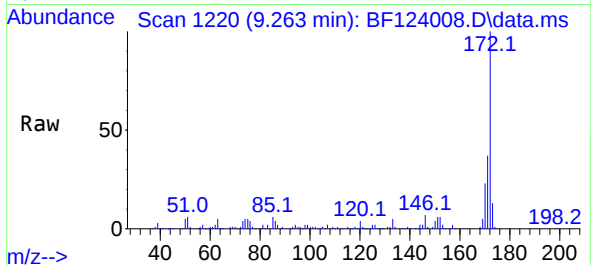
#45
2-Fluorobiphenyl
Concen: 26.69 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:172 Resp: 233274
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.4 19.2 28.8

Instrument :
BNA_F
ClientSampled :
TP-4MSD

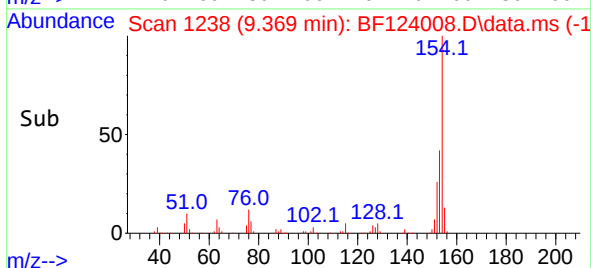
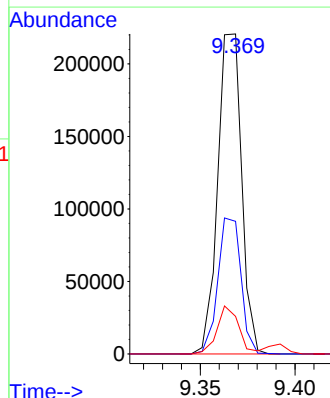
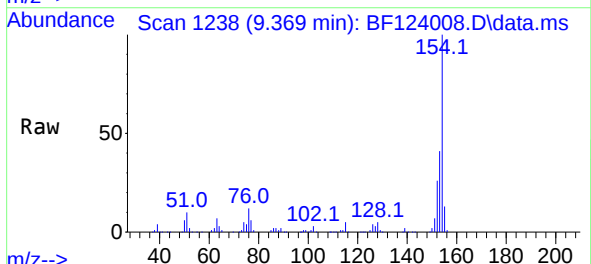
Manual Integrations
APPROVED

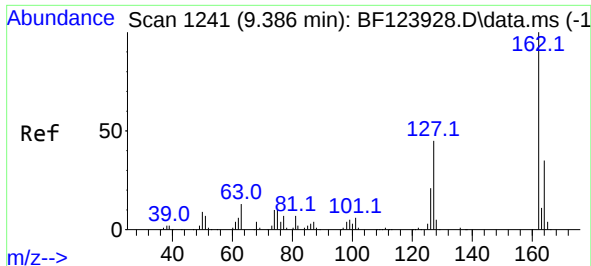
mohammad
5/21/2021 3:21:39 PM



#46
1,1'-Biphenyl
Concen: 20.48 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

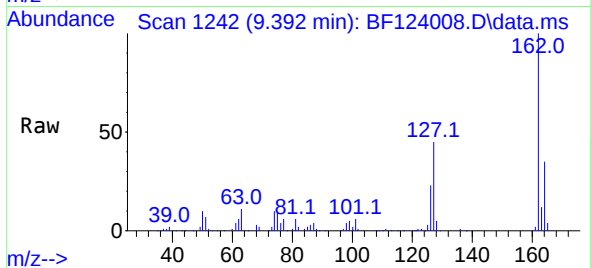
Tgt Ion:154 Resp: 194040
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 11.8 0.0 31.7





#47
2-Chloronaphthalene
Concen: 16.50 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

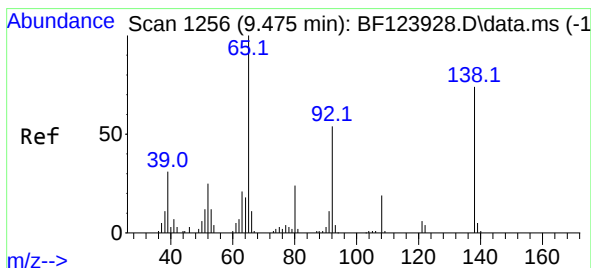
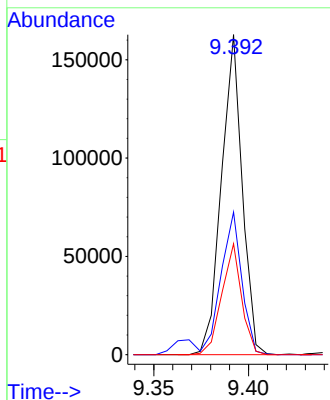
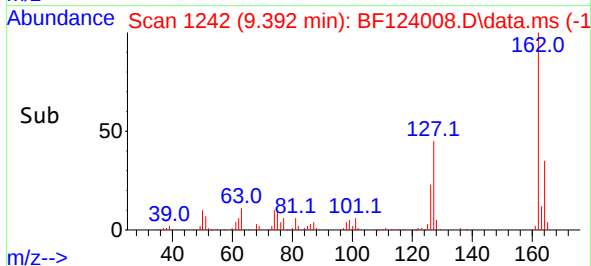
Instrument :
BNA_F
ClientSampled :
TP-4MSD



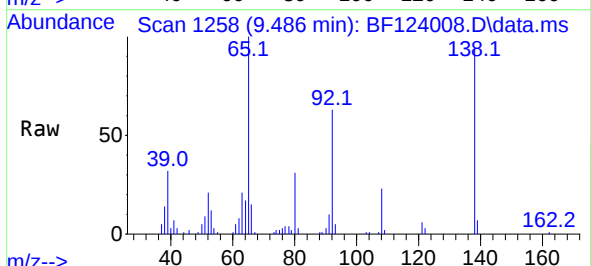
Tgt Ion:162 Resp: 124127
Ion Ratio Lower Upper
162 100
127 44.5 36.2 54.2
164 34.6 25.4 38.2

Manual Integrations
APPROVED

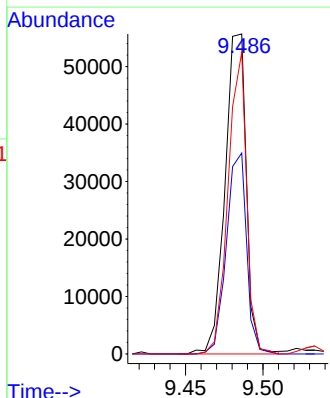
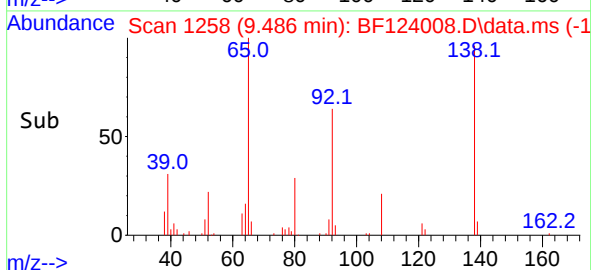
mohammad
5/21/2021 3:21:39 PM

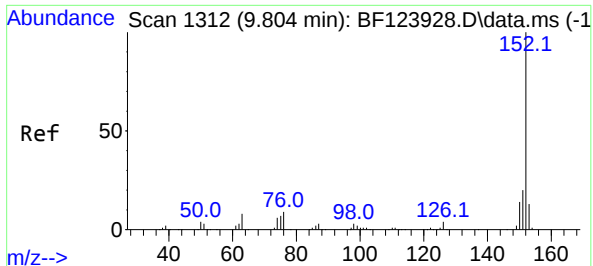


#48
2-Nitroaniline
Concen: 21.01 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion: 65 Resp: 53372
Ion Ratio Lower Upper
65 100
92 62.8 47.1 70.7
138 94.3 70.2 105.2





#49

Acenaphthylene

Concen: 20.07 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF124008.D

Acq: 20 May 2021 14:35

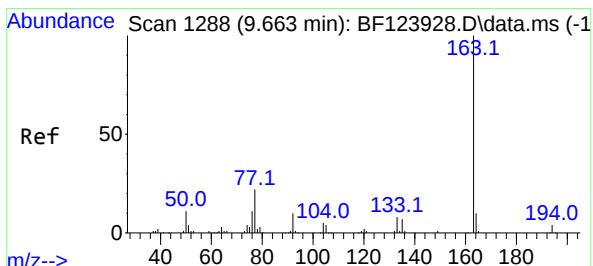
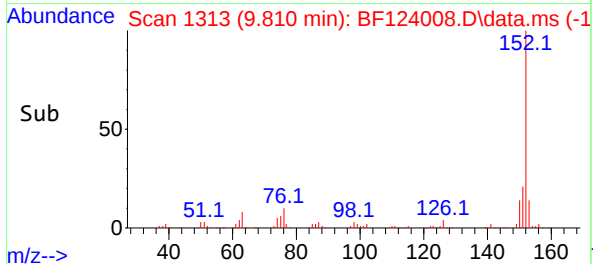
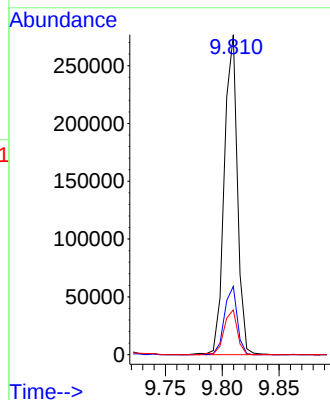
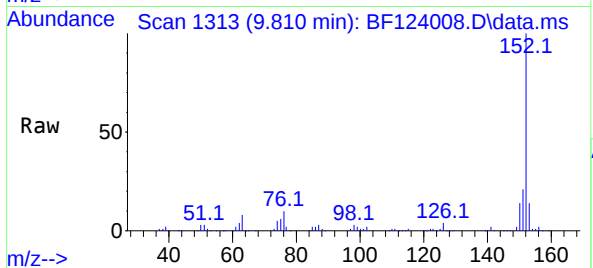
Tgt Ion:152 Resp: 223128

Ion Ratio Lower Upper

152 100

151 21.4 16.0 24.0

153 14.0 10.4 15.6



#50

Dimethylphthalate

Concen: 19.92 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF124008.D

Acq: 20 May 2021 14:35

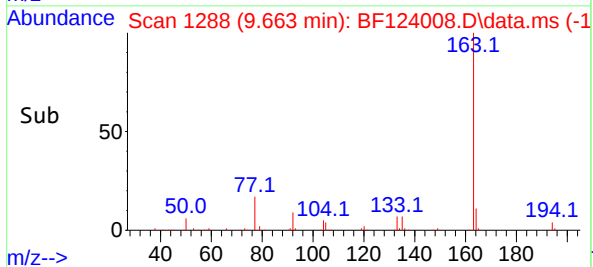
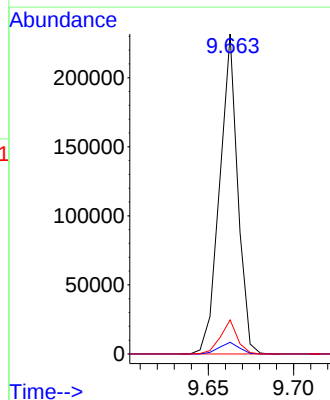
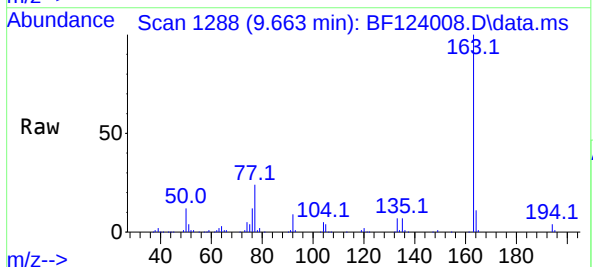
Tgt Ion:163 Resp: 171071

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.6 8.2 12.2



Instrument :

BNA_F

ClientSampleId :

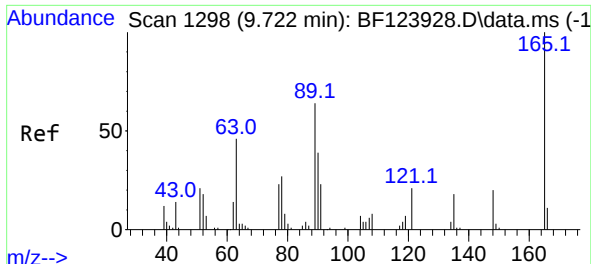
TP-4MSD

Manual Integrations

APPROVED

mohammad

5/21/2021 3:21:39 PM



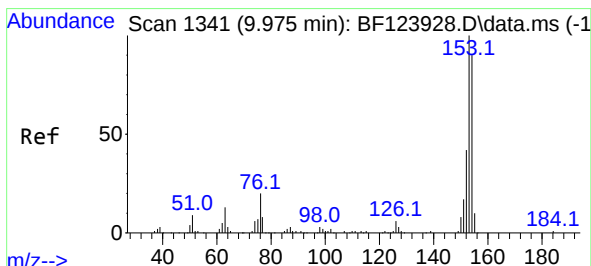
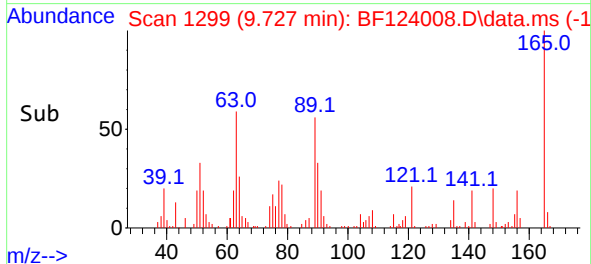
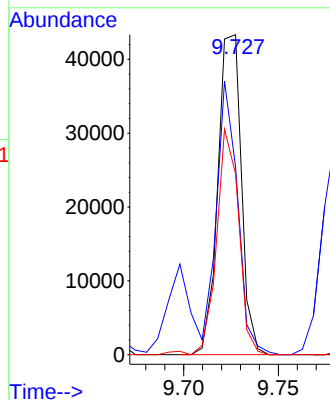
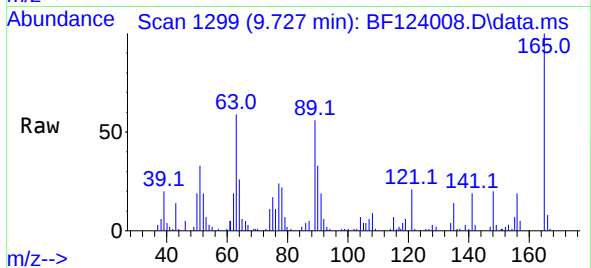
#51
2,6-Dinitrotoluene
Concen: 21.53 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:165 Resp: 37390
Ion Ratio Lower Upper
165 100
63 58.7 67.7 101.5#
89 56.5 58.8 88.2#

Instrument :
BNA_F
ClientSampled :
TP-4MSD

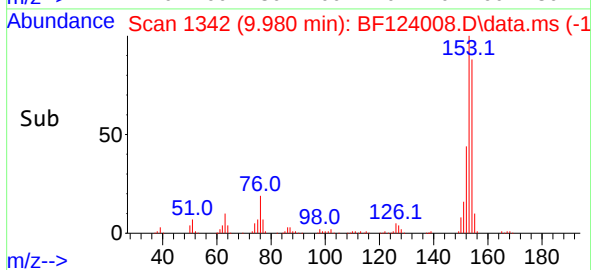
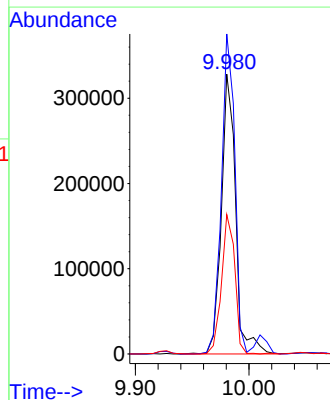
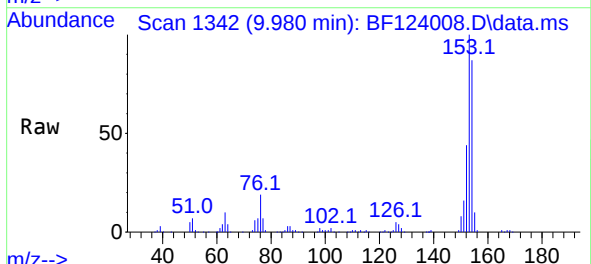
Manual Integrations
APPROVED

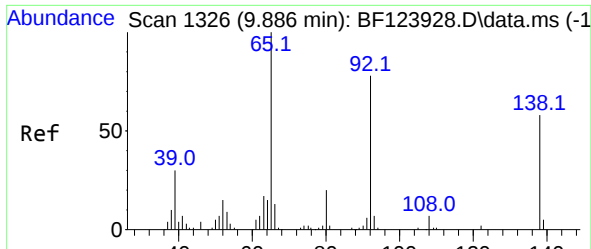
mohammad
5/21/2021 3:21:39 PM



#52
Acenaphthene
Concen: 37.67 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:154 Resp: 286660
Ion Ratio Lower Upper
154 100
153 114.4 88.1 132.1
152 49.8 43.4 65.0





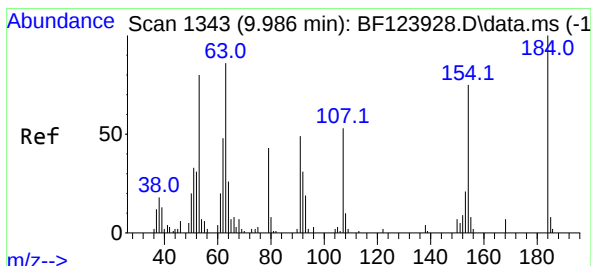
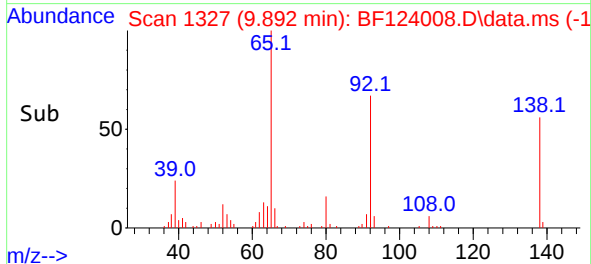
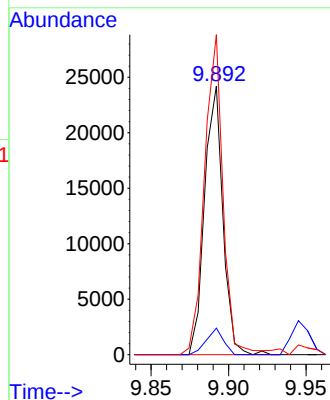
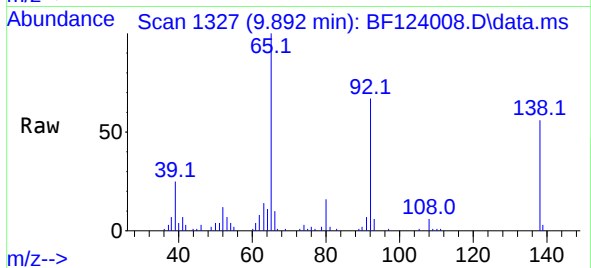
#53
3-Nitroaniline
Concen: 11.53 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:138 Resp: 19898
Ion Ratio Lower Upper
138 100
108 9.9 10.2 15.4#
92 119.1 103.3 154.9

Instrument :
BNA_F
ClientSampled :
TP-4MSD

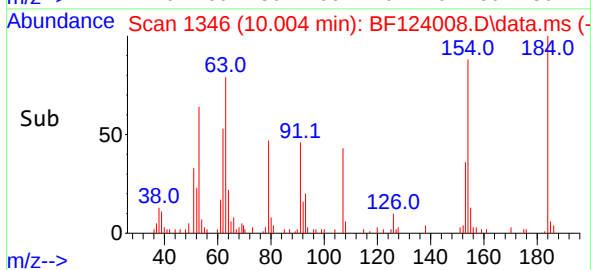
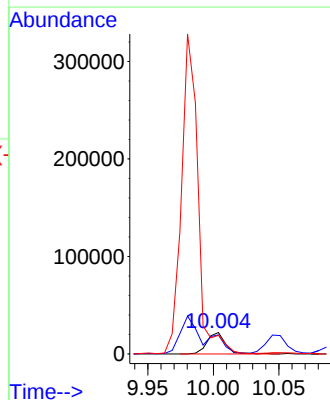
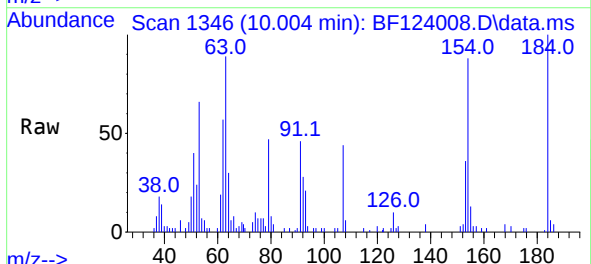
Manual Integrations
APPROVED

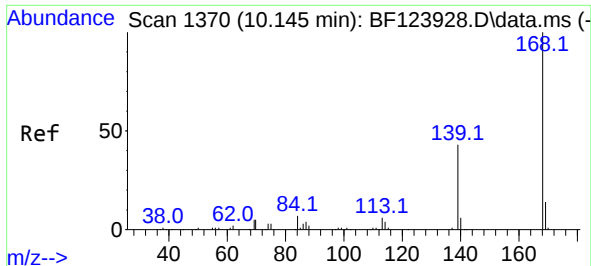
mohammad
5/21/2021 3:21:39 PM



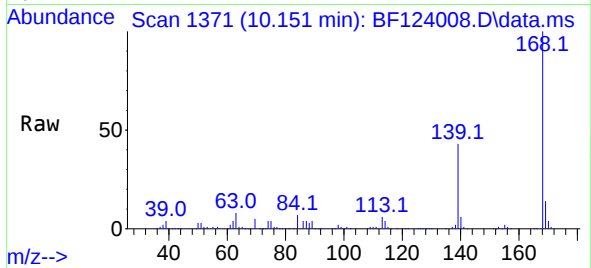
#54
2,4-Dinitrophenol
Concen: 28.01 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.018 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:184 Resp: 21295
Ion Ratio Lower Upper
184 100
63 89.2 73.5 110.3
154 87.7 52.5 78.7#

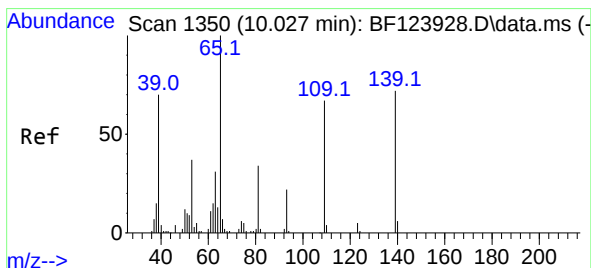
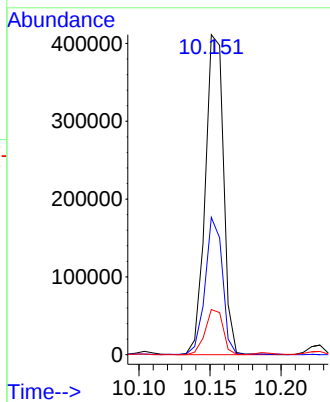
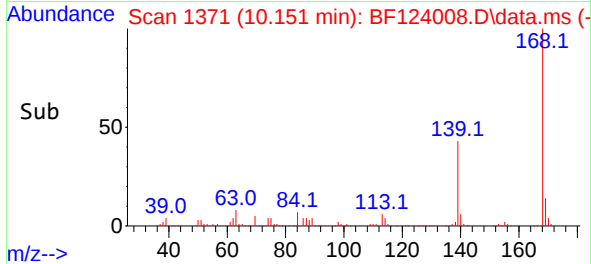




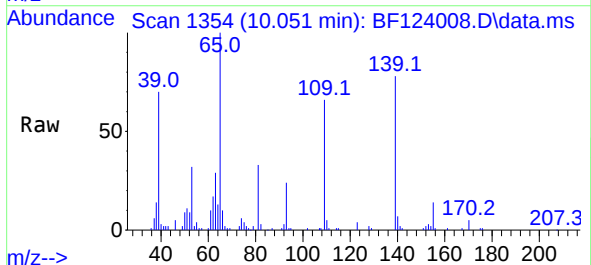
#55
Dibenzofuran
Concen: 33.64 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



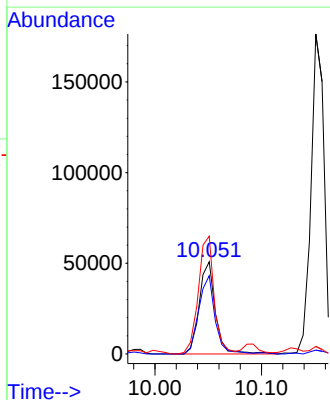
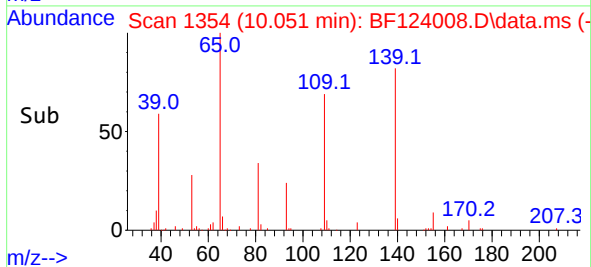
Tgt Ion:168 Resp: 367669
Ion Ratio Lower Upper
168 100
139 42.9 33.2 49.8
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 37.60 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



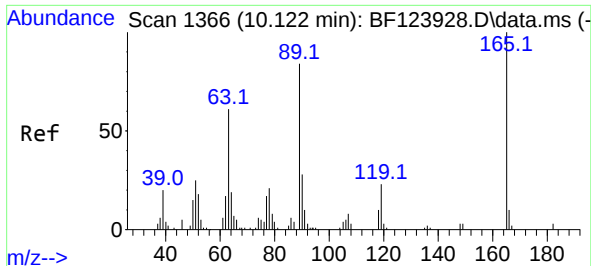
Tgt Ion:139 Resp: 53681
Ion Ratio Lower Upper
139 100
109 84.9 63.2 103.2
65 127.6 110.0 150.0



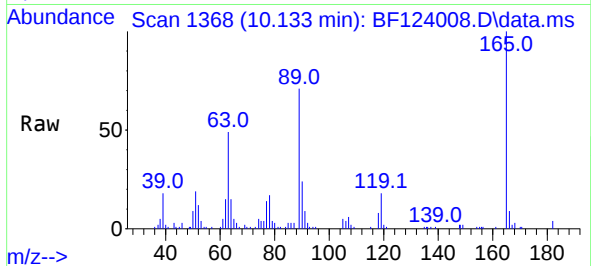
Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

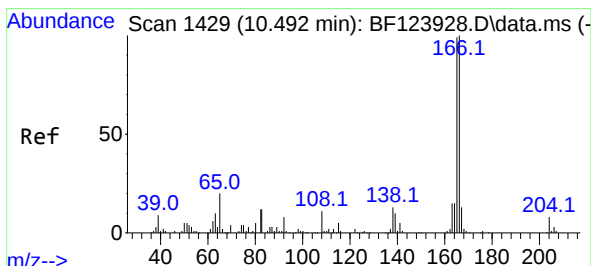
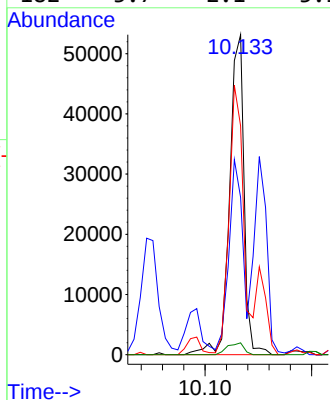
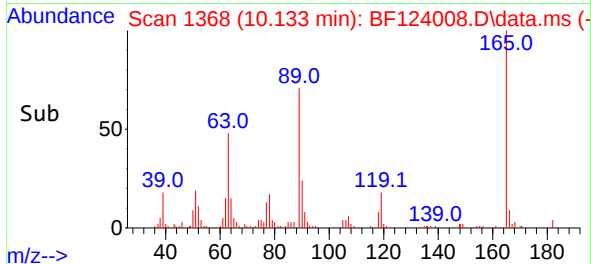
mohammad
5/21/2021 3:21:39 PM



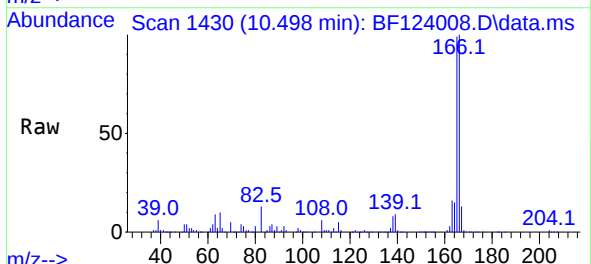
#57
2,4-Dinitrotoluene
Concen: 23.42 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



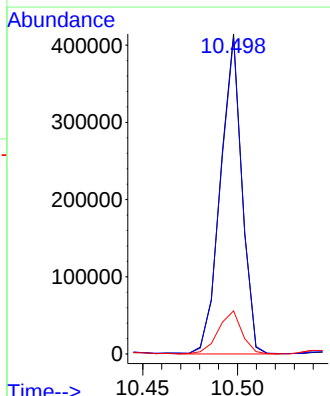
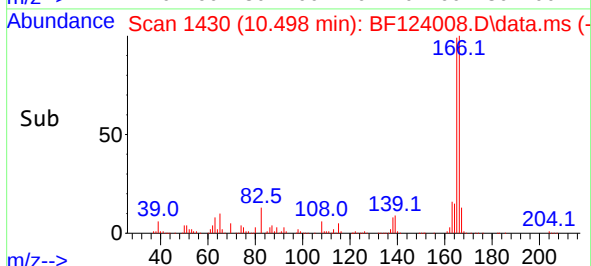
Tgt Ion:165 Resp: 49891
Ion Ratio Lower Upper
165 100
63 49.1 43.5 65.3
89 71.5 67.7 101.5
182 3.7 2.1 3.1#



#58
Fluorene
Concen: 39.54 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



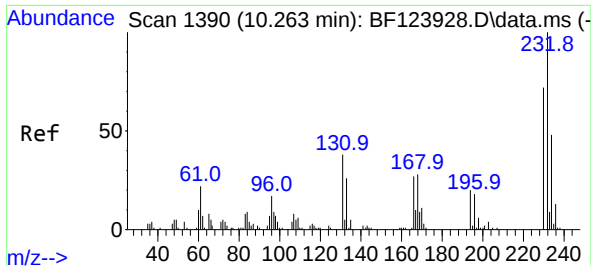
Tgt Ion:166 Resp: 325687
Ion Ratio Lower Upper
166 100
165 99.0 73.5 110.3
167 13.5 10.7 16.1



Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



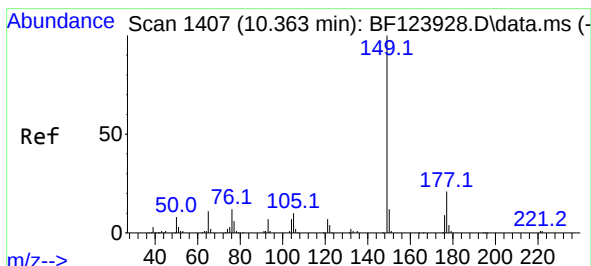
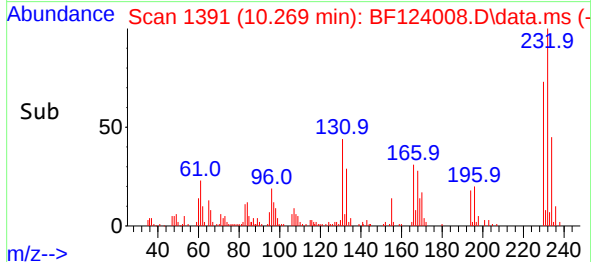
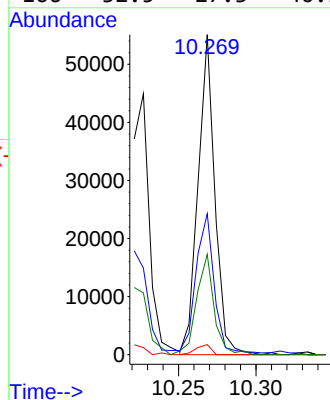
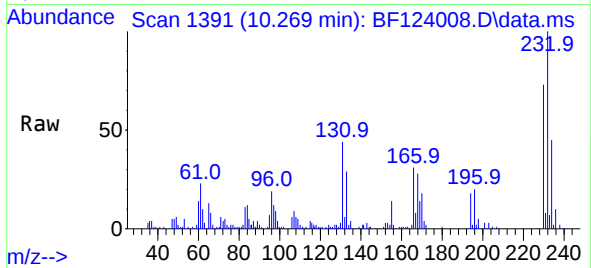
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.41 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:232 Resp: 41735
Ion Ratio Lower Upper
232 100
131 46.5 43.2 64.8
130 2.8 2.2 3.2
166 32.5 27.3 40.9

Instrument :
BNA_F
ClientSampled :
TP-4MSD

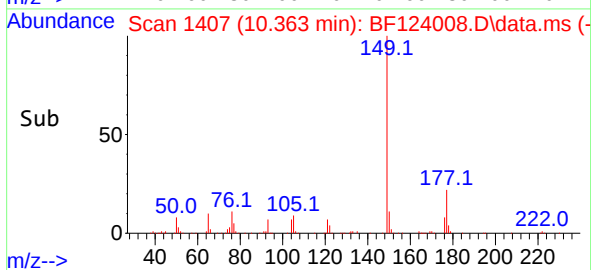
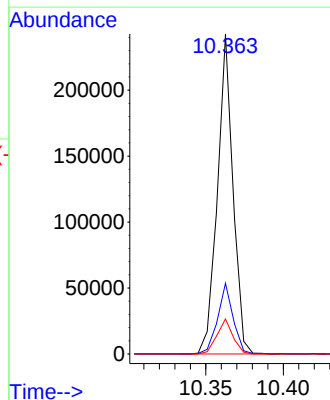
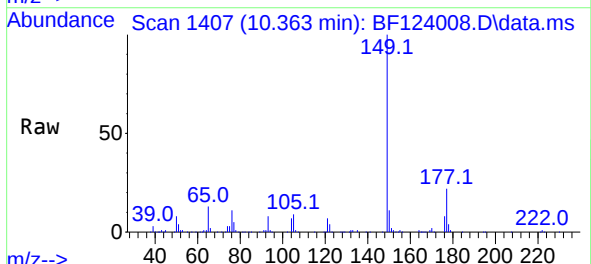
Manual Integrations
APPROVED

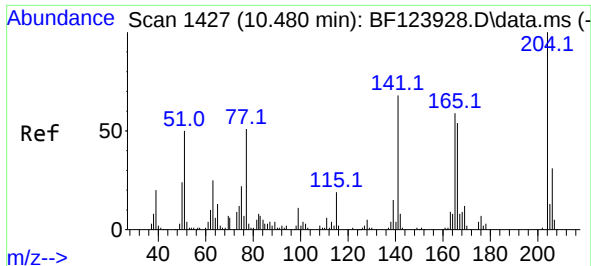
mohammad
5/21/2021 3:21:39 PM



#60
Diethylphthalate
Concen: 19.88 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:149 Resp: 169103
Ion Ratio Lower Upper
149 100
177 22.1 15.4 23.2
150 10.9 9.9 14.9





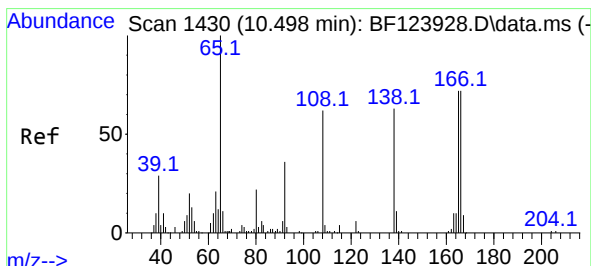
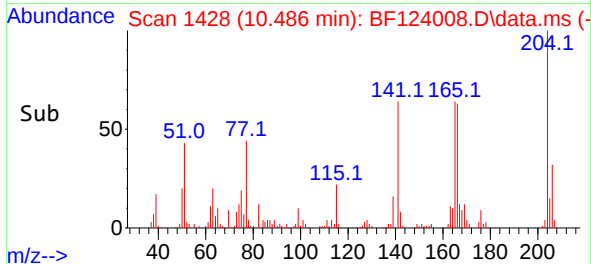
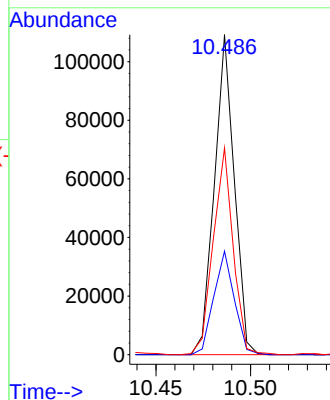
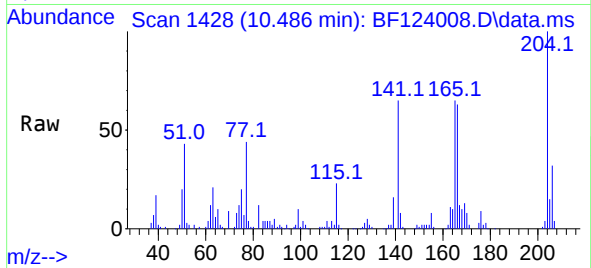
#61
4-Chlorophenyl-phenylether
Concen: 19.38 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	204	Resp:	80009
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.7	38.5
141	64.6	55.5	83.3

Instrument :
BNA_F
ClientSampled :
TP-4MSD

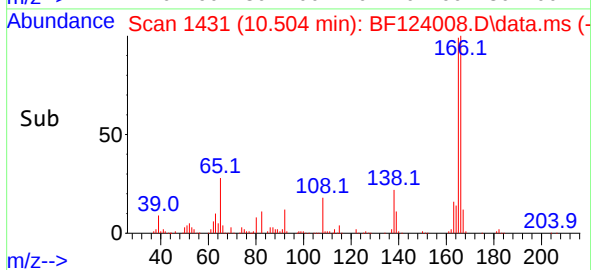
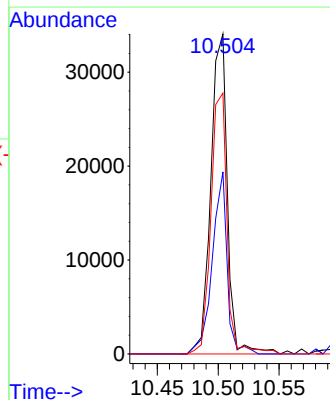
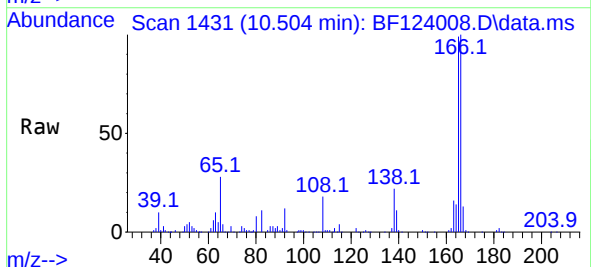
Manual Integrations
APPROVED

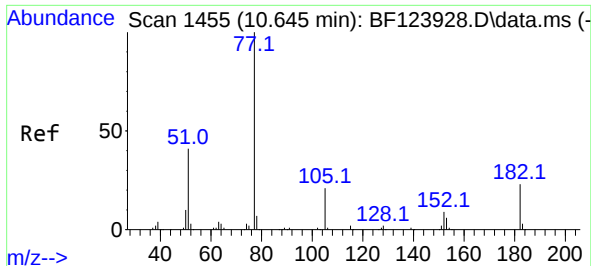
mohammad
5/21/2021 3:21:39 PM



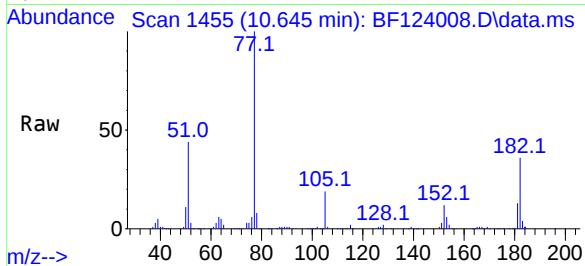
#62
4-Nitroaniline
Concen: 18.81 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	138	Resp:	32289
Ion Ratio	Lower	Upper	
138	100		
92	56.9	35.8	75.8
108	81.5	63.6	103.6

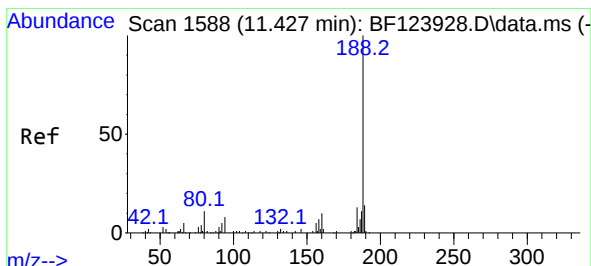
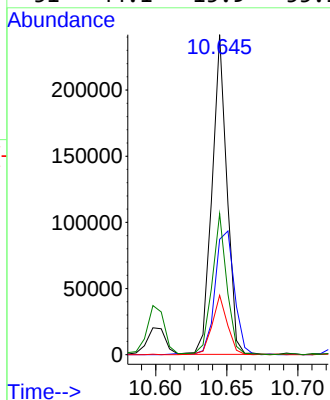
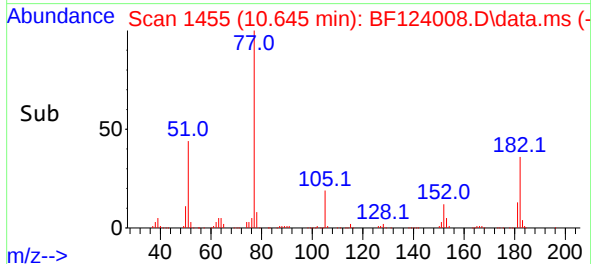




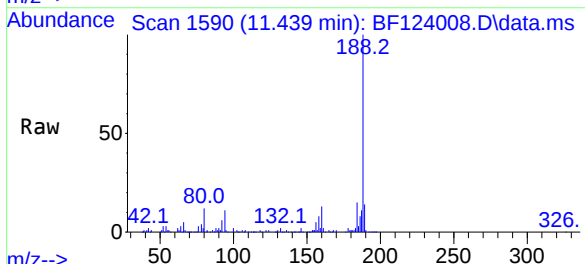
#63
Azobenzene
Concen: 18.62 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



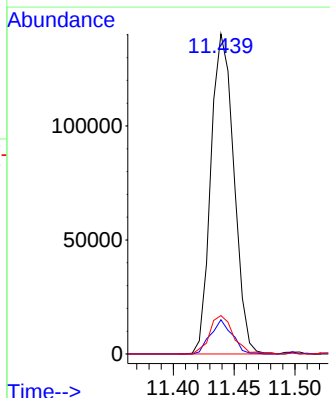
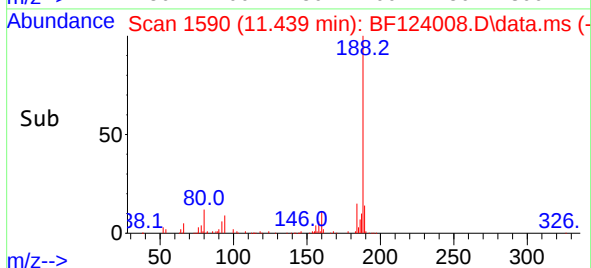
Tgt Ion: 77 Resp: 176164
Ion Ratio Lower Upper
77 100
182 36.0 1.7 41.7
105 18.5 1.7 41.7
51 44.1 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



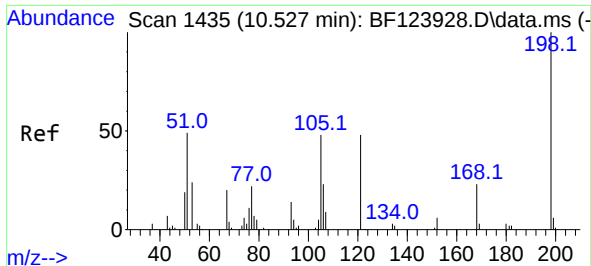
Tgt Ion: 188 Resp: 185196
Ion Ratio Lower Upper
188 100
94 10.7 6.9 10.3#
80 12.0 8.2 12.2



Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



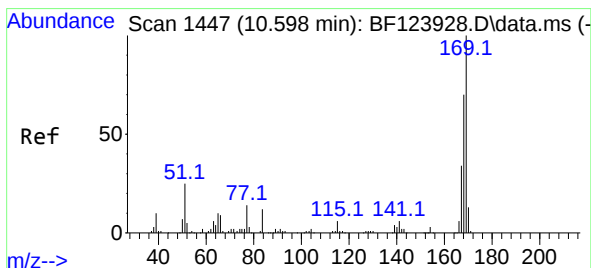
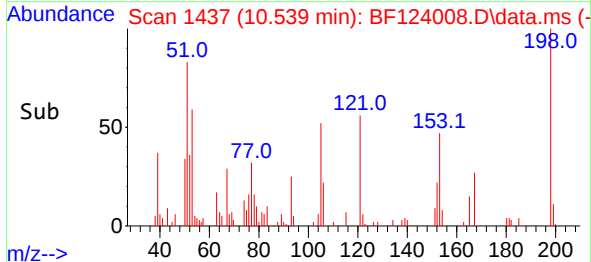
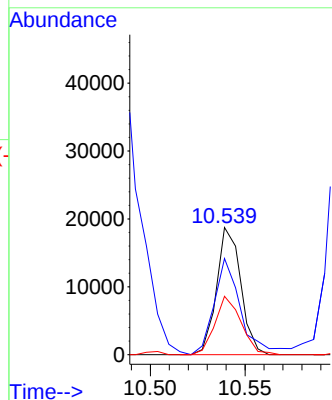
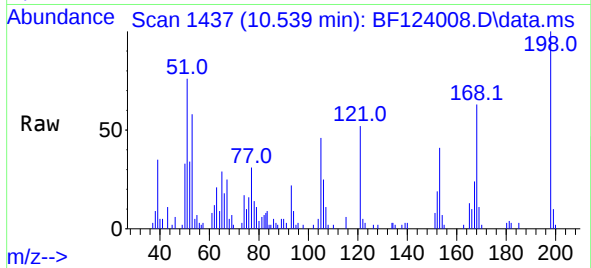
#65
4,6-Dinitro-2-methylphenol
Concen: 17.83 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:198 Resp: 16675
Ion Ratio Lower Upper
198 100
51 75.6 64.8 104.8
105 45.9 42.6 82.6

Instrument :
BNA_F
ClientSampled :
TP-4MSD

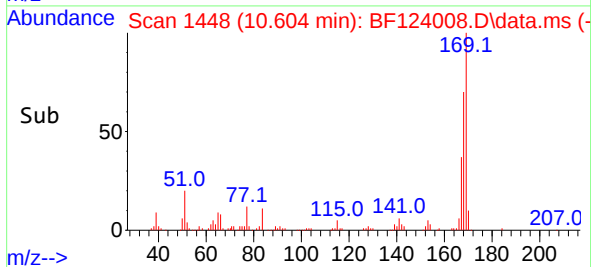
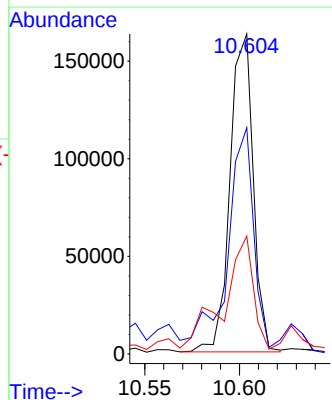
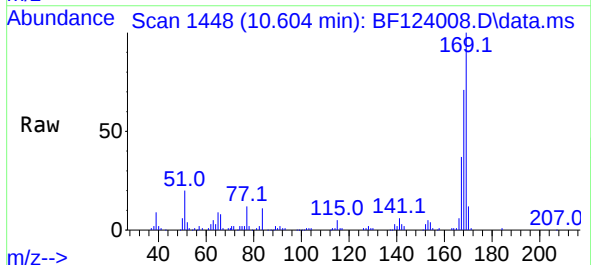
Manual Integrations
APPROVED

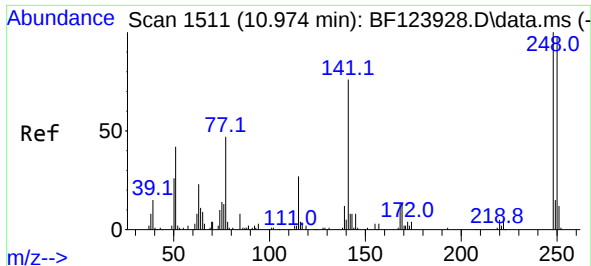
mohammad
5/21/2021 3:21:39 PM



#66
n-Nitrosodiphenylamine
Concen: 19.60 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

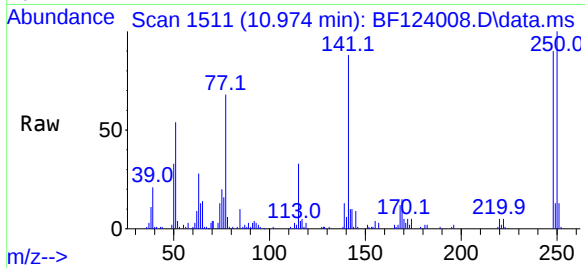
Tgt Ion:169 Resp: 138704
Ion Ratio Lower Upper
169 100
168 70.7 53.3 79.9
167 36.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 19.65 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

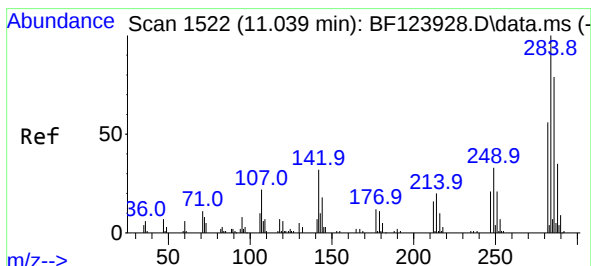
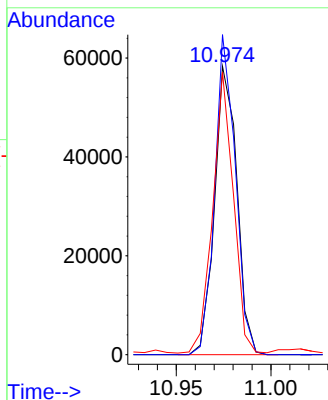
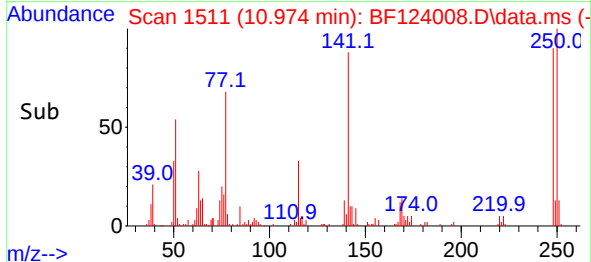
Instrument :
BNA_F
ClientSampled :
TP-4MSD



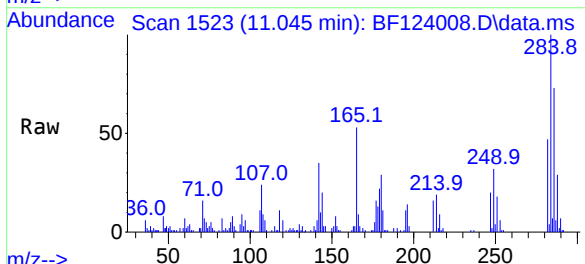
Tgt Ion:248 Resp: 47819
Ion Ratio Lower Upper
248 100
250 111.0 77.4 116.2
141 98.1 63.7 95.5#

Manual Integrations
APPROVED

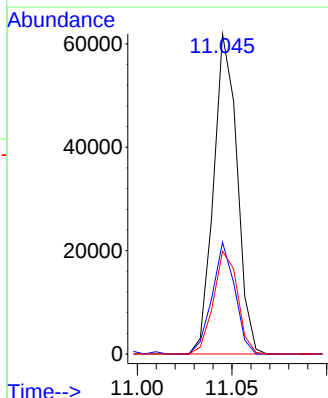
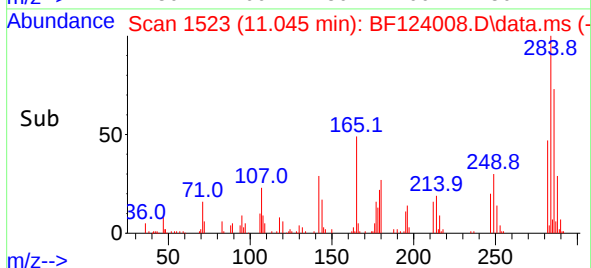
mohammad
5/21/2021 3:21:39 PM

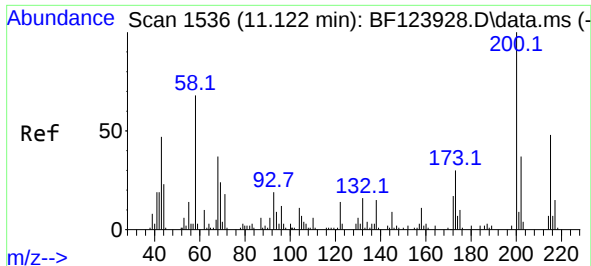


#68
Hexachlorobenzene
Concen: 19.70 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

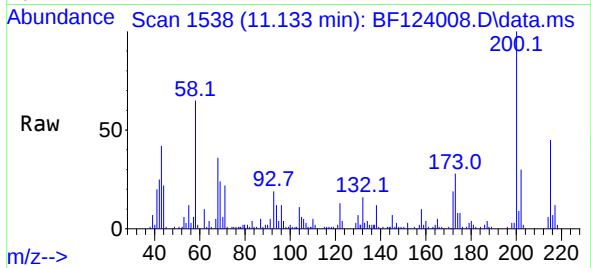


Tgt Ion:284 Resp: 53520
Ion Ratio Lower Upper
284 100
142 34.9 28.3 42.5
249 32.1 23.5 35.3

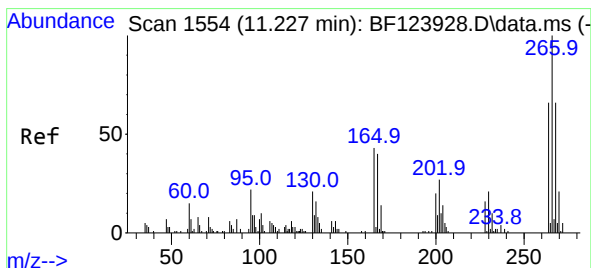
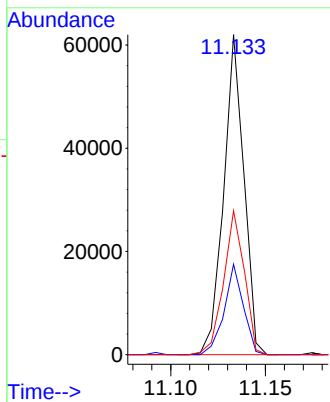
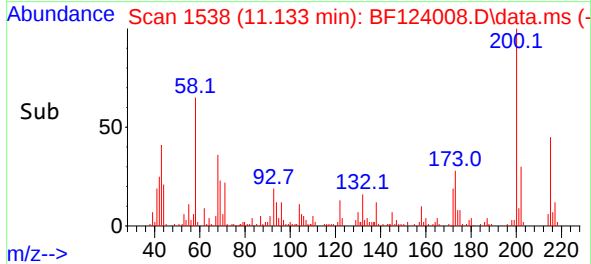




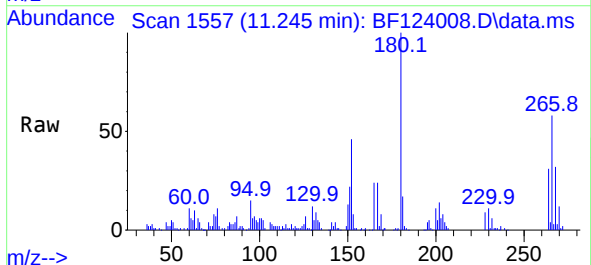
#69
Atrazine
Concen: 22.98 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



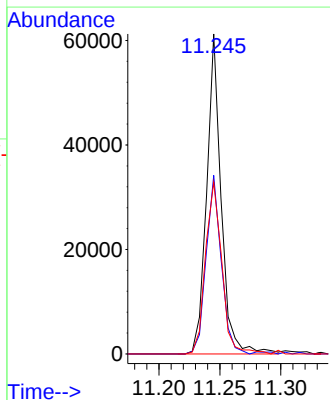
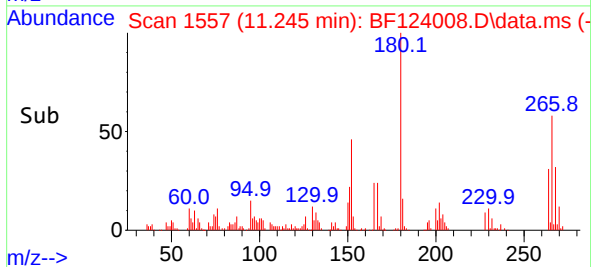
Tgt Ion:200 Resp: 45930
Ion Ratio Lower Upper
200 100
173 28.2 6.9 46.9
215 45.0 26.5 66.5



#70
Pentachlorophenol
Concen: 31.58 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.018 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



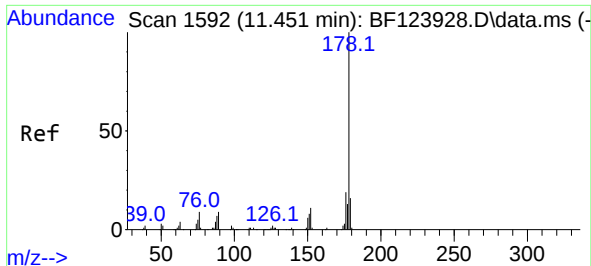
Tgt Ion:266 Resp: 50865
Ion Ratio Lower Upper
266 100
268 55.8 51.6 77.4
264 53.7 52.6 78.8



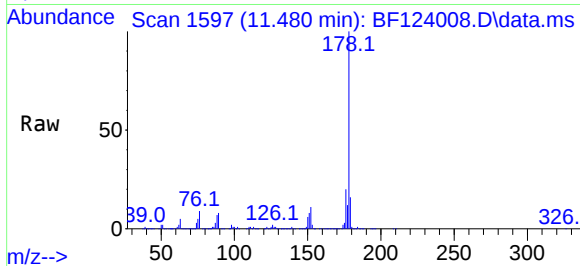
Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM

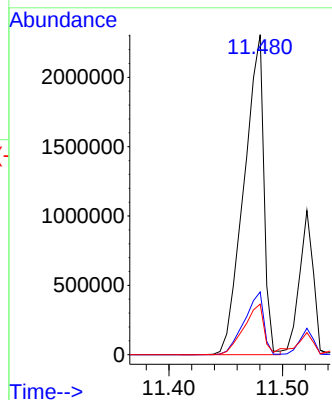


#71
Phenanthrene
Concen: 238.08 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.029 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion:178 Resp: 2794435

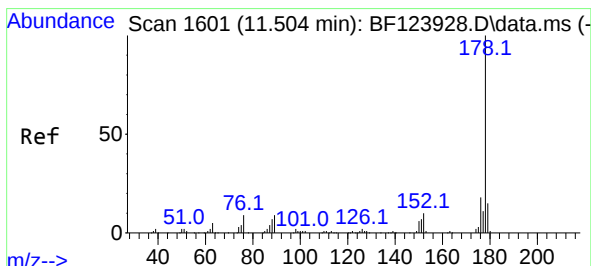
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.8	12.5	18.7



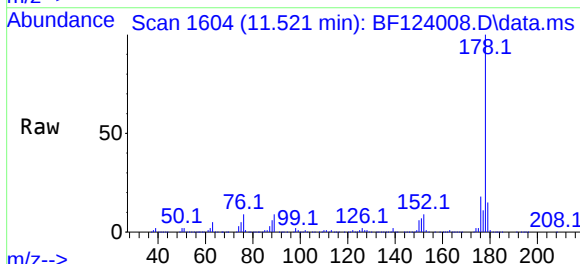
Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM

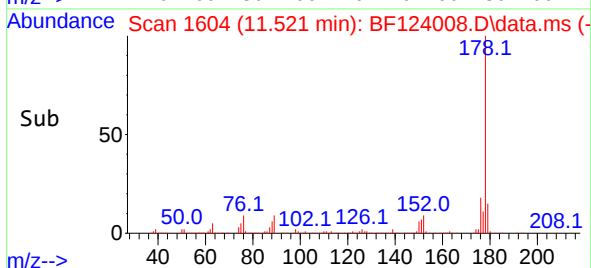
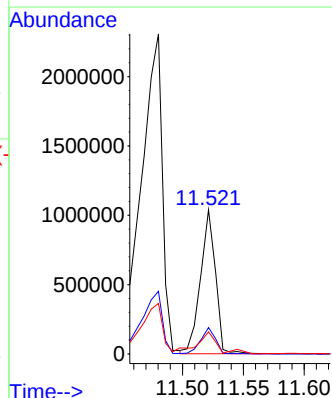


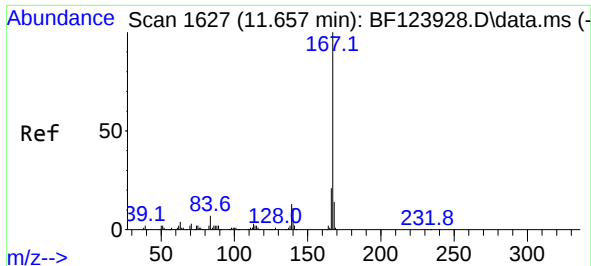
#72
Anthracene
Concen: 75.09 ng
RT: 11.521 min Scan# 1604
Delta R.T. 0.018 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



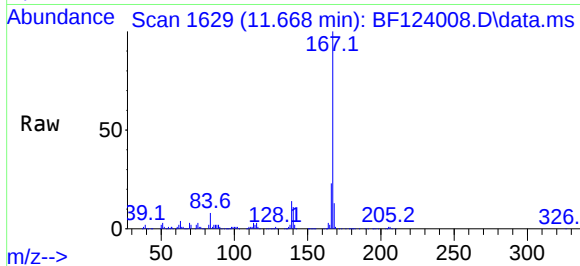
Tgt Ion:178 Resp: 893094

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.3	12.6	18.8

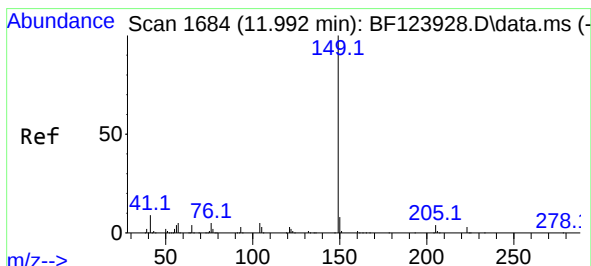
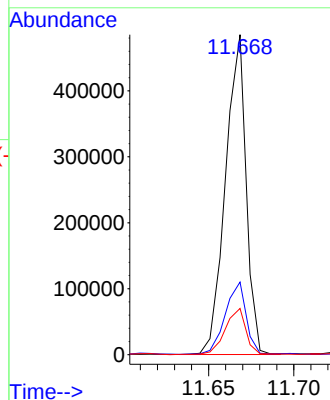
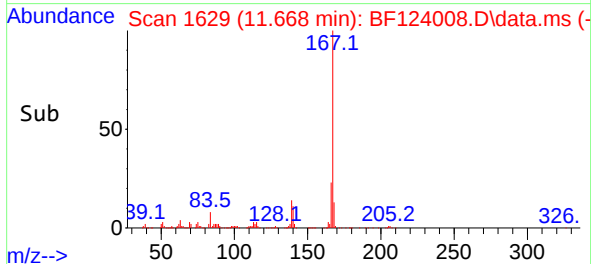




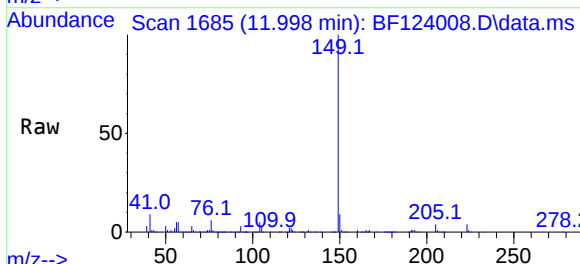
#73
 Carbazole
 Concen: 39.26 ng
 RT: 11.668 min Scan# 1629
 Delta R.T. 0.012 min
 Lab File: BF124008.D
 Acq: 20 May 2021 14:35



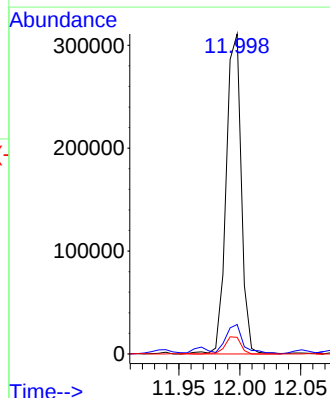
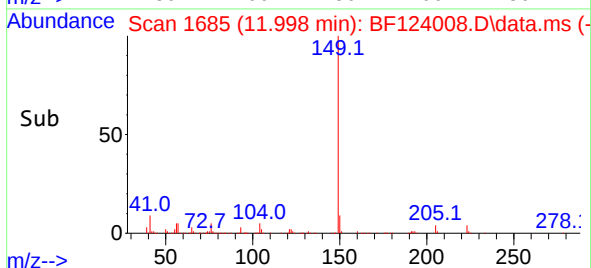
Tgt Ion:167 Resp: 408440
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.0 25.6
 139 14.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 20.64 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.006 min
 Lab File: BF124008.D
 Acq: 20 May 2021 14:35



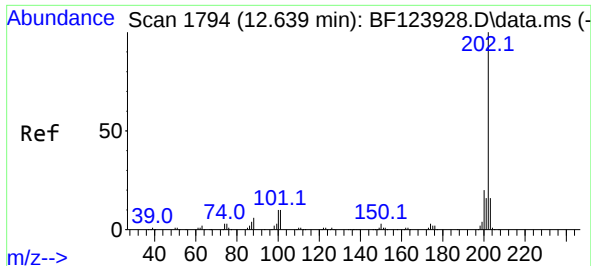
Tgt Ion:149 Resp: 268777
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 5.2 4.6 6.8



Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

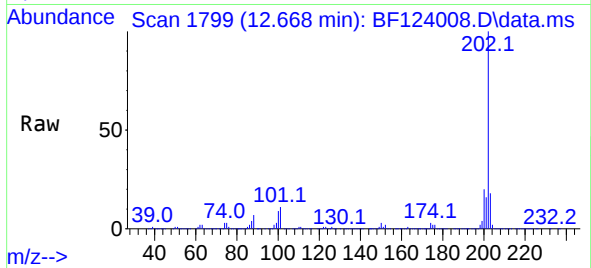
Manual Integrations
 APPROVED

mohammad
 5/21/2021 3:21:39 PM



#75
Fluoranthene
Concen: 212.79 ng
RT: 12.668 min Scan# 1799
Delta R.T. 0.029 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

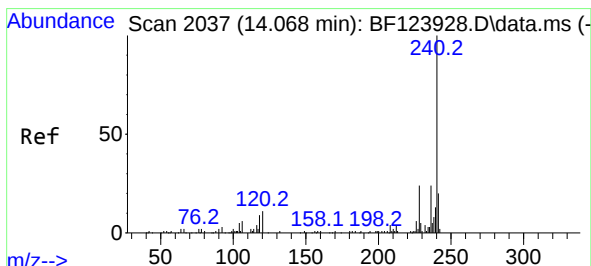
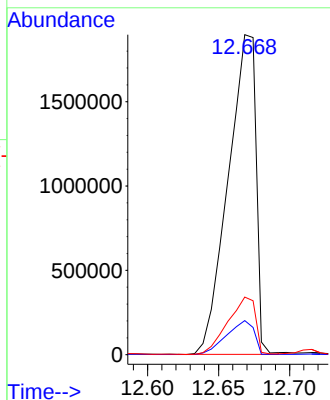
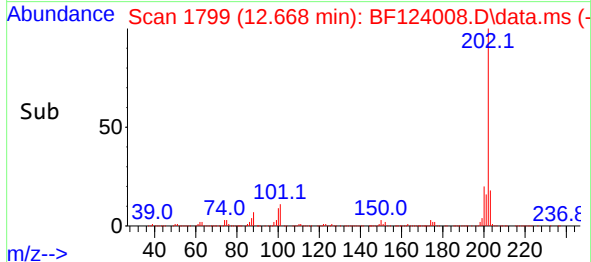
Instrument :
BNA_F
ClientSampled :
TP-4MSD



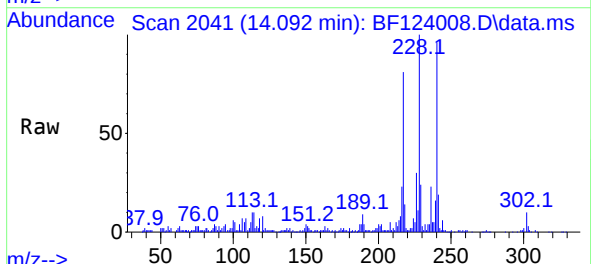
Tgt Ion:202 Resp: 2586106
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.9
203 18.0 0.0 37.5

Manual Integrations
APPROVED

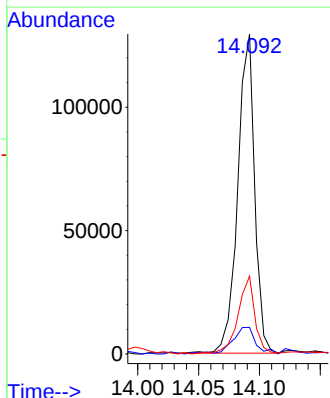
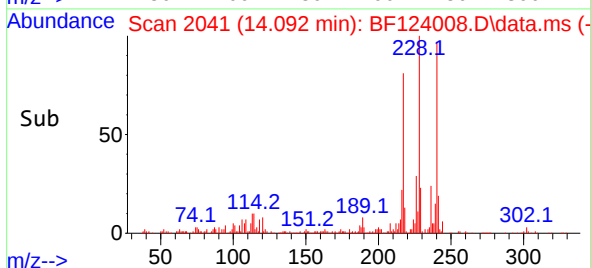
mohammad
5/21/2021 3:21:39 PM

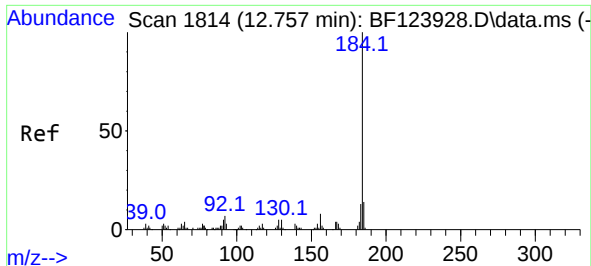


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.023 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion:240 Resp: 125252
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 24.3 19.0 28.4





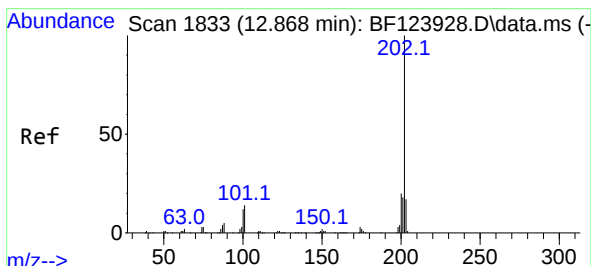
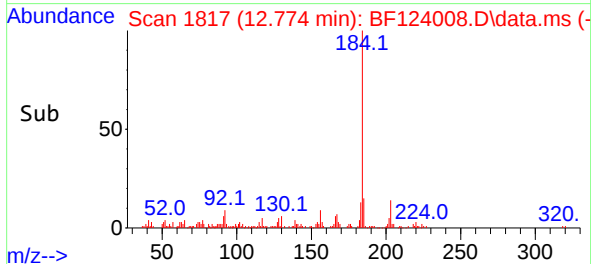
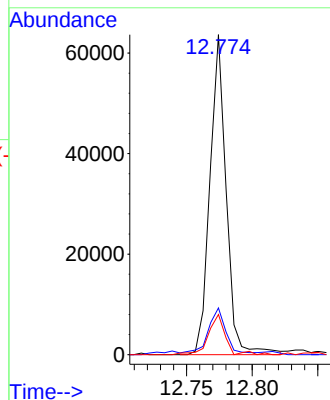
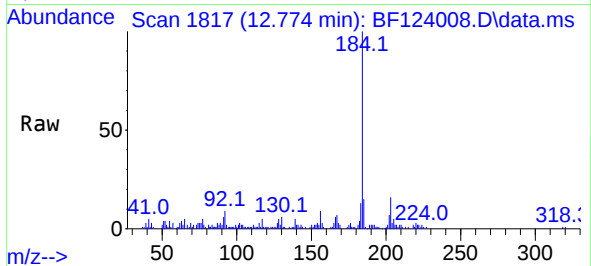
#77
Benzidine
Concen: 18.30 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.018 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:184 Resp: 55297
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 12.5 7.8 11.8#

Instrument :
BNA_F
ClientSampled :
TP-4MSD

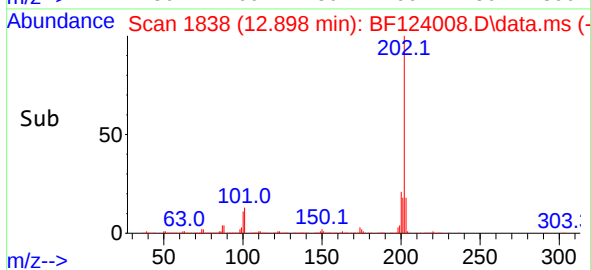
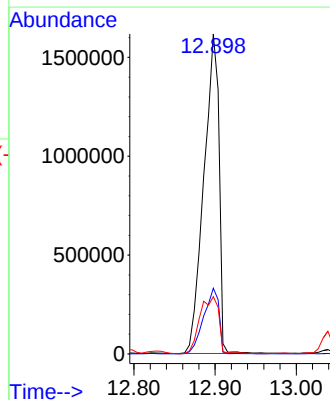
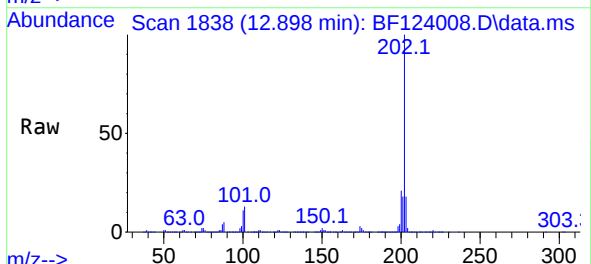
Manual Integrations
APPROVED

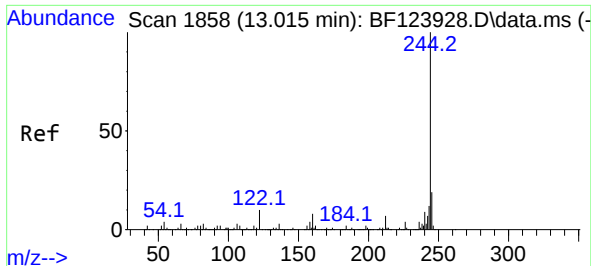
mohammad
5/21/2021 3:21:39 PM



#78
Pyrene
Concen: 188.32 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.029 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:202 Resp: 2094056
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 17.9 14.8 22.2





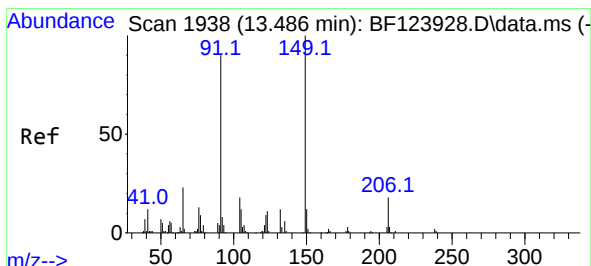
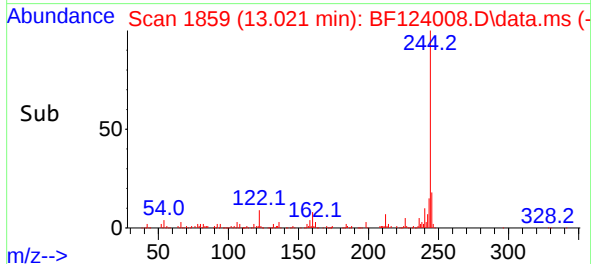
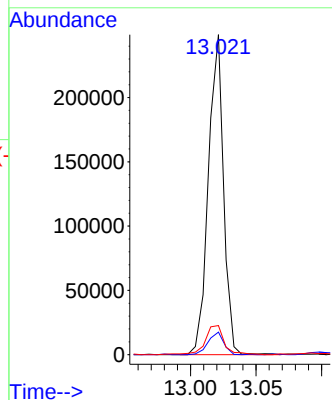
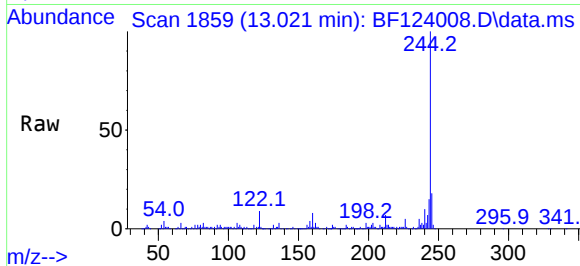
#79
Terphenyl-d14
Concen: 24.28 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:244 Resp: 200792
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.1 9.7 14.5#

Instrument :
BNA_F
ClientSampled :
TP-4MSD

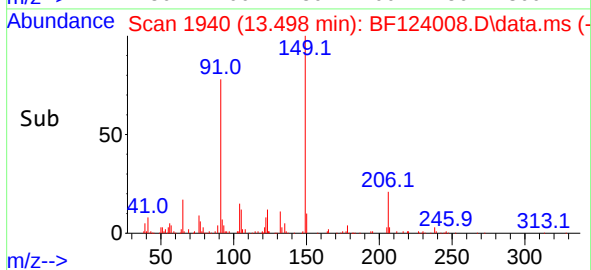
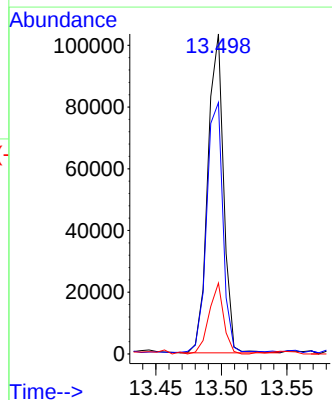
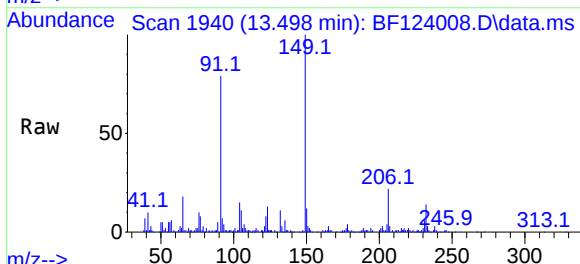
Manual Integrations
APPROVED

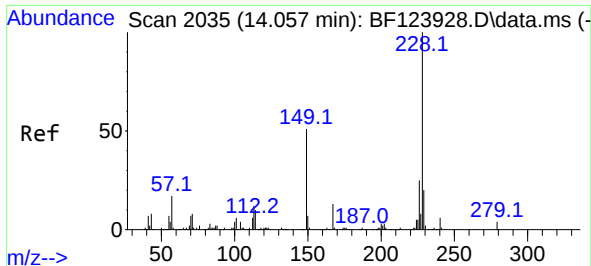
mohammad
5/21/2021 3:21:39 PM



#80
Butylbenzylphthalate
Concen: 19.87 ng
RT: 13.498 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:149 Resp: 86639
Ion Ratio Lower Upper
149 100
91 78.6 63.6 95.4
206 22.1 14.5 21.7#





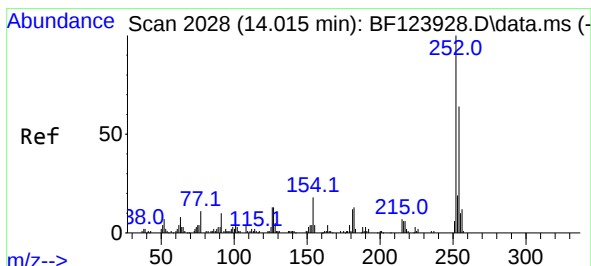
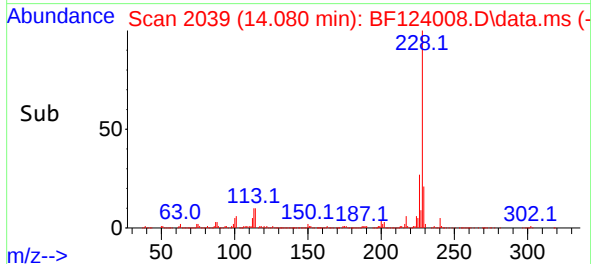
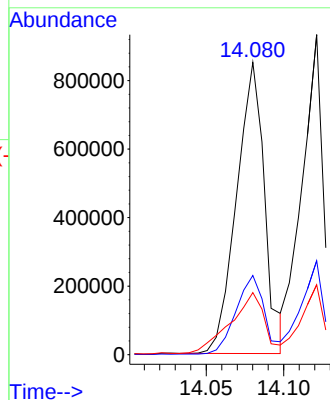
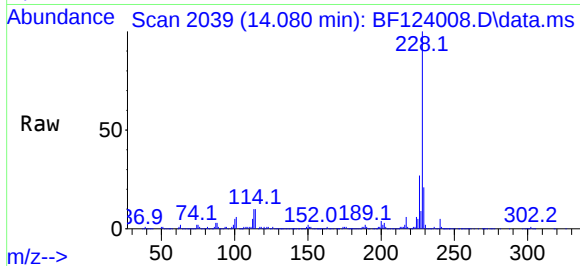
#81
Benzo(a)anthracene
Concen: 117.77 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.023 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:228 Resp: 1066786
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 21.2 16.0 24.0

Instrument :
BNA_F
ClientSampled :
TP-4MSD

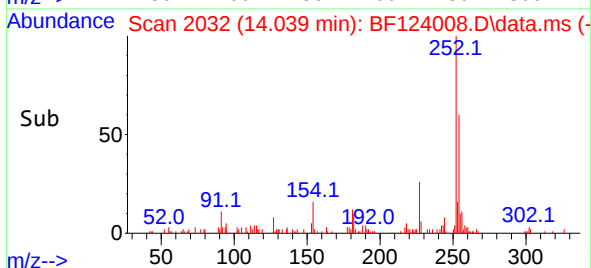
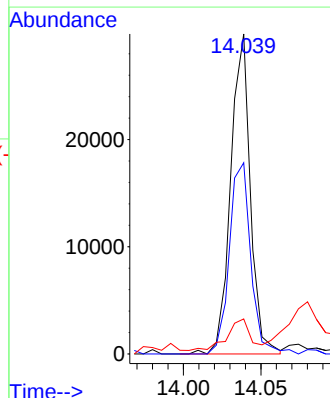
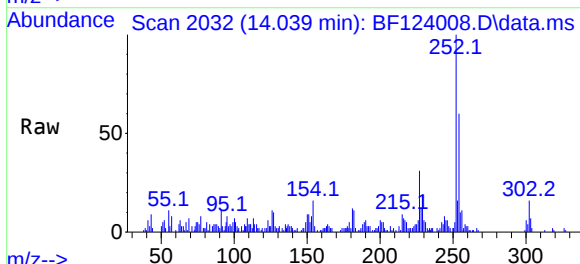
Manual Integrations
APPROVED

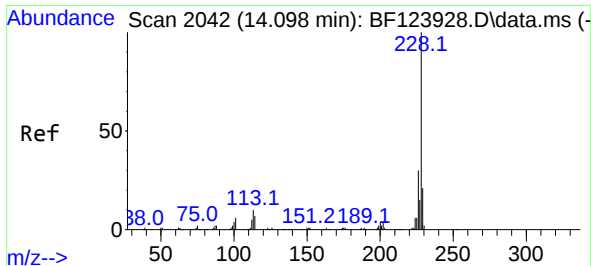
mohammad
5/21/2021 3:21:39 PM



#82
3,3'-Dichlorobenzidine
Concen: 9.35 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.023 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:252 Resp: 26322
Ion Ratio Lower Upper
252 100
254 59.8 51.1 76.7
126 10.9 7.7 11.5





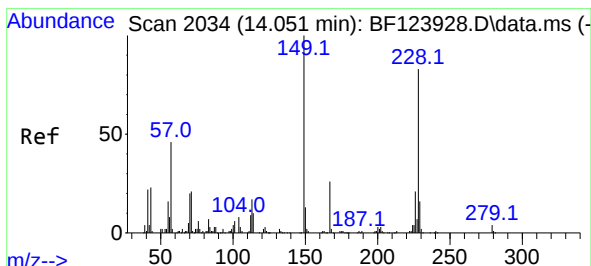
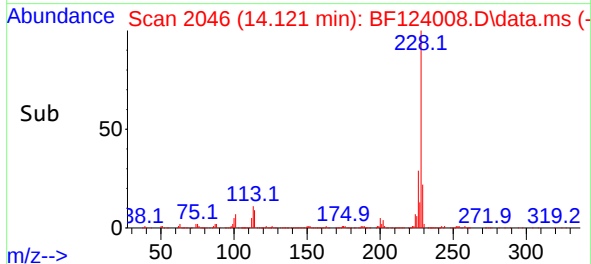
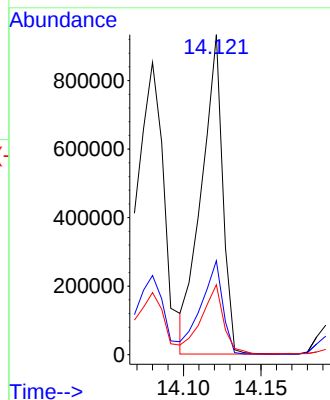
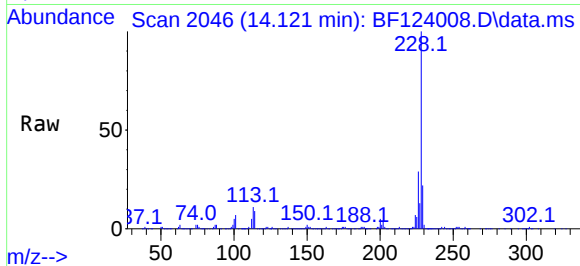
#83
Chrysene
Concen: 101.61 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.023 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion:	228	Resp:	885231
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.3	36.5
229	21.9	16.2	24.2

Instrument :
BNA_F
ClientSampled :
TP-4MSD

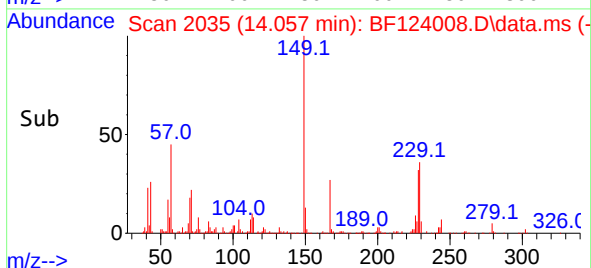
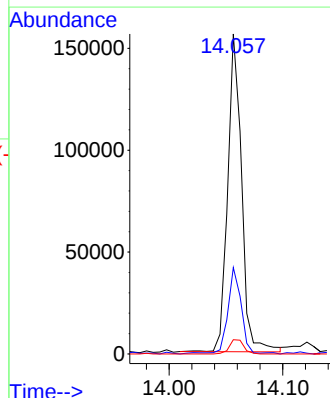
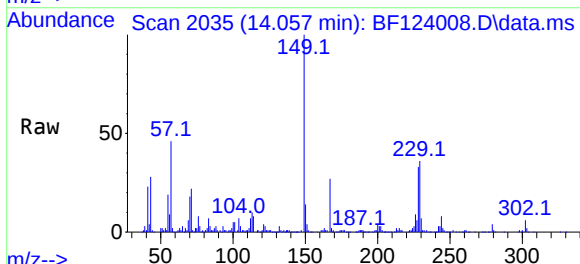
Manual Integrations
APPROVED

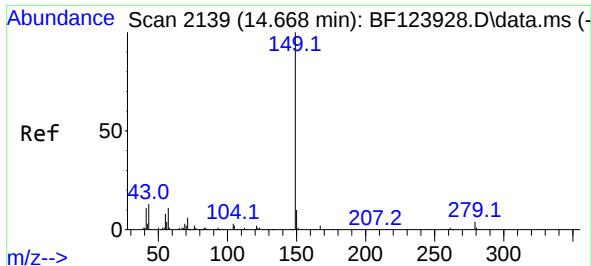
mohammad
5/21/2021 3:21:39 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.61 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

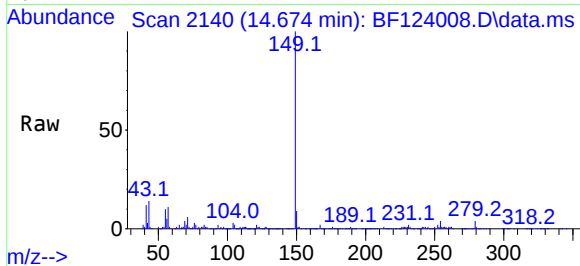
Tgt Ion:	149	Resp:	132950
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.6
279	4.5	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 22.66 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

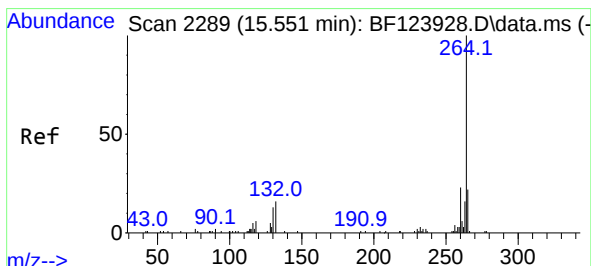
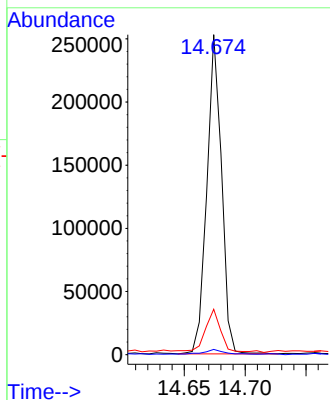
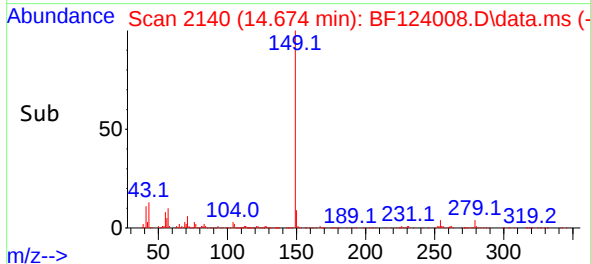
Instrument :
BNA_F
ClientSampled :
TP-4MSD



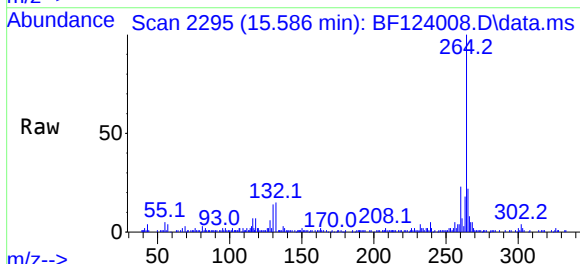
Tgt Ion:149 Resp: 210779
Ion Ratio Lower Upper
149 100
167 2.2 1.2 1.8#
43 14.4 11.8 17.6

Manual Integrations
APPROVED

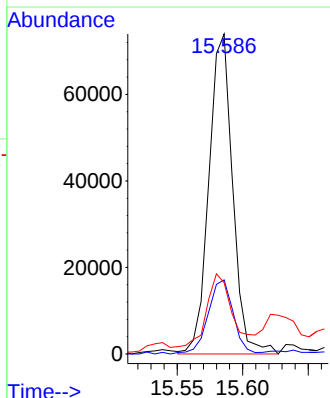
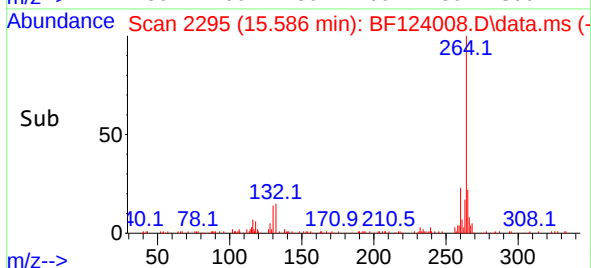
mohammad
5/21/2021 3:21:39 PM

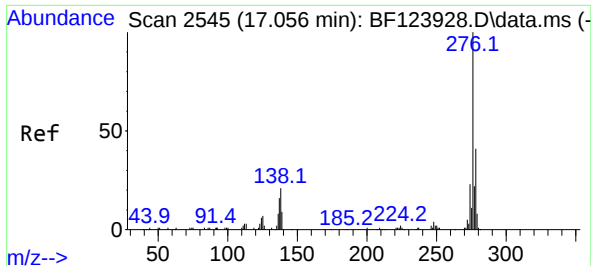


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.035 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35



Tgt Ion:264 Resp: 93285
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 22.3 17.8 26.8





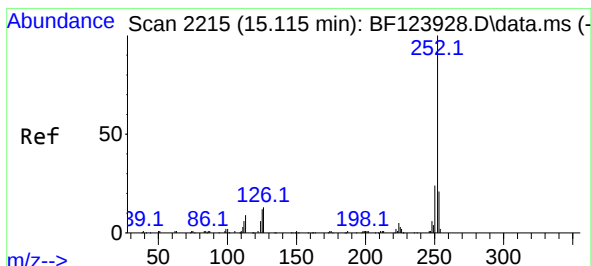
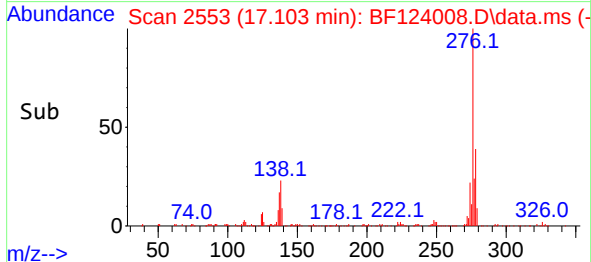
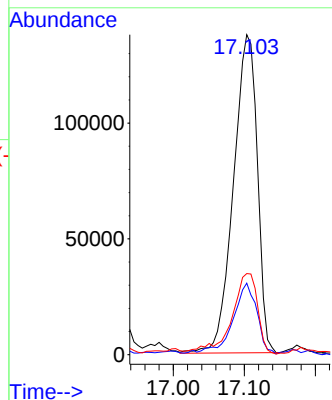
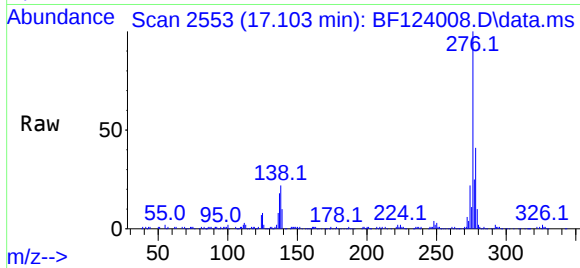
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.62 ng
RT: 17.103 min Scan# 2553
Delta R.T. 0.047 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 276 Resp: 321444
Ion Ratio Lower Upper
276 100
138 22.4 16.2 24.2
277 27.6 20.1 30.1

Instrument :
BNA_F
ClientSampled :
TP-4MSD

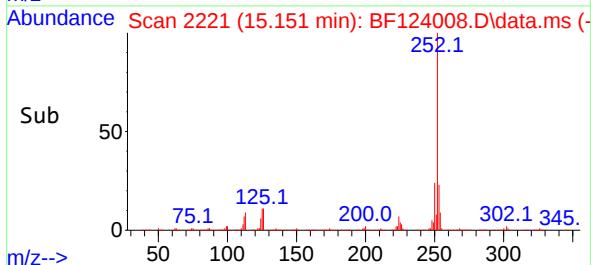
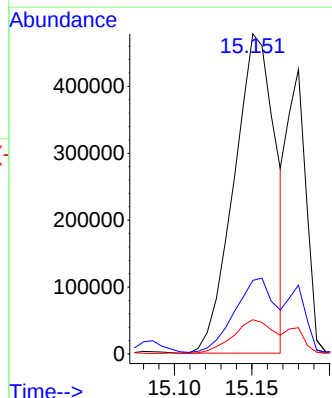
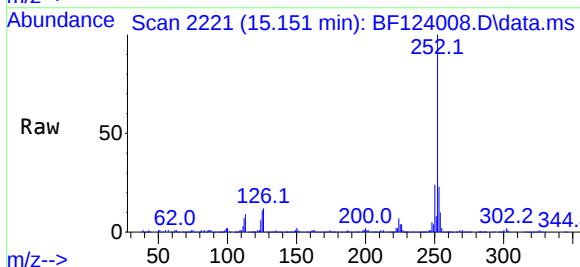
Manual Integrations
APPROVED

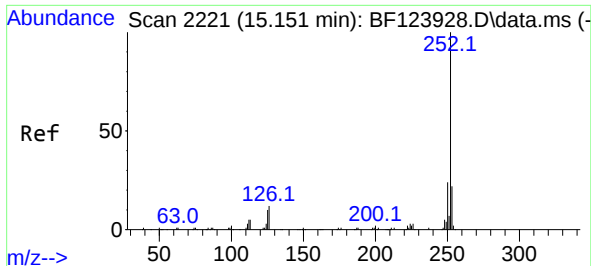
mohammad
5/21/2021 3:21:39 PM



#88
Benzo(b)fluoranthene
Concen: 122.13 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.035 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 252 Resp: 881310
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.7 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 54.84 ng m

RT: 15.180 min Scan# 2226

Delta R.T. 0.029 min

Lab File: BF124008.D

Acq: 20 May 2021 14:35

Tgt Ion:	252	Resp:	360676
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	9.2	7.0	10.6

Instrument :

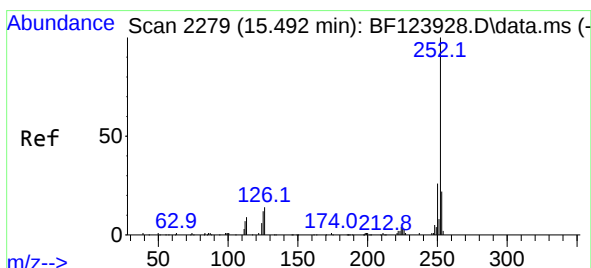
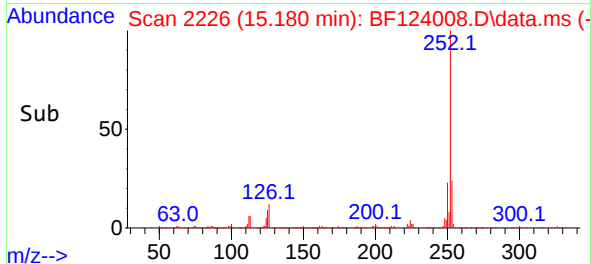
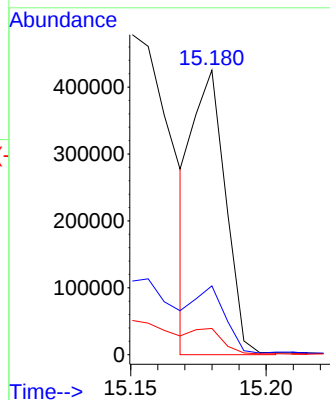
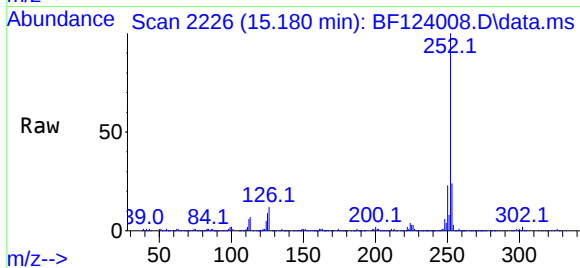
BNA_F

ClientSampled :

TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



#90

Benzo(a)pyrene

Concen: 92.59 ng

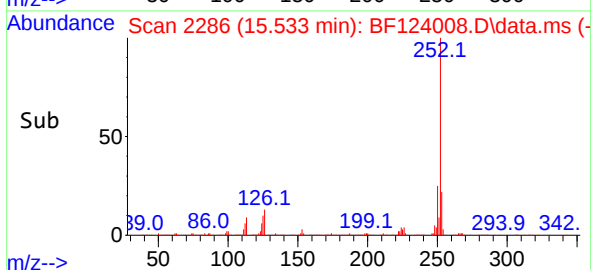
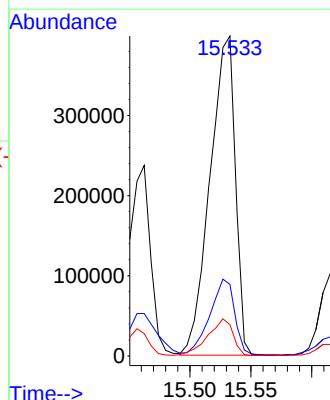
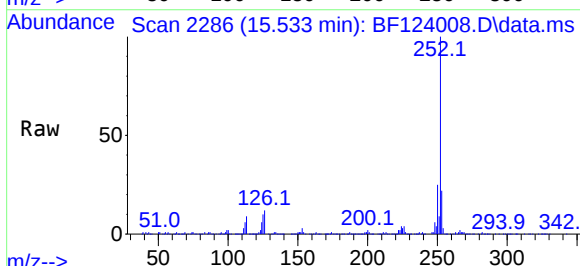
RT: 15.533 min Scan# 2286

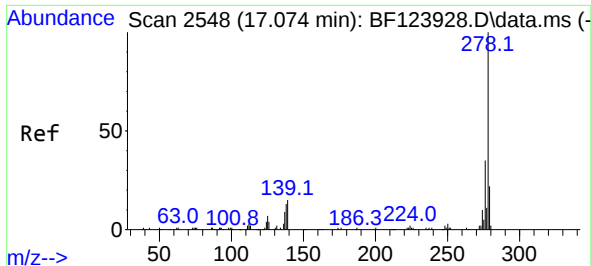
Delta R.T. 0.041 min

Lab File: BF124008.D

Acq: 20 May 2021 14:35

Tgt Ion:	252	Resp:	577561
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	9.8	8.0	12.0





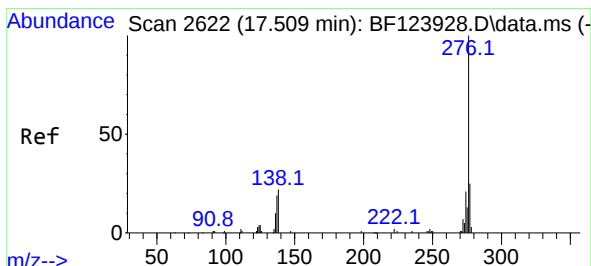
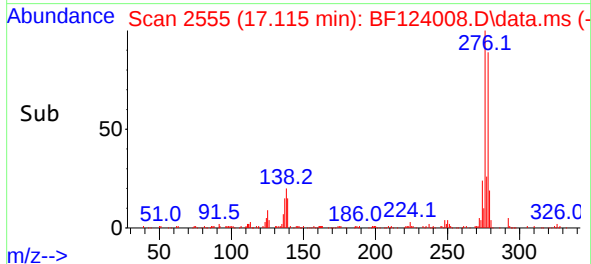
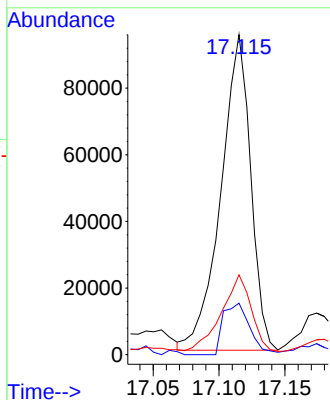
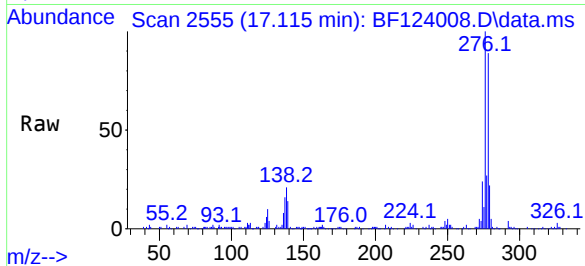
#91
Dibenzo(a,h)anthracene
Concen: 24.55 ng m
RT: 17.115 min Scan# 2555
Delta R.T. 0.041 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 278 Resp: 148942
Ion Ratio Lower Upper
278 100
139 16.1 10.2 15.2#
279 25.0 19.4 29.0

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Manual Integrations
APPROVED

mohammad
5/21/2021 3:21:39 PM



#92
Benzo(g,h,i)perylene
Concen: 44.53 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.059 min
Lab File: BF124008.D
Acq: 20 May 2021 14:35

Tgt Ion: 276 Resp: 270930
Ion Ratio Lower Upper
276 100
277 23.0 18.2 27.2
138 20.4 13.8 20.6

