

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125642.D
 Acq On : 25 Sep 2021 2:30
 Operator : JU/CG
 Sample : M3872-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01MSD

Manual Integrations
 APPROVED

mohammad
 9/27/2021 2:59:10 PM

Quant Time: Sep 25 03:03:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	230104	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	936014	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	473073	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	712904	20.00	ng	0.00
76) Chrysene-d12	14.045	240	418019	20.00	ng	0.00
86) Perylene-d12	15.515	264	477295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1478556	105.87	ng	0.02
7) Phenol-d6	6.516	99	1694136	90.23	ng	0.00
23) Nitrobenzene-d5	7.451	82	1164126	86.75	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	510810	115.81	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2283787	87.07	ng	0.00
79) Terphenyl-d14	12.992	244	1544422	63.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	218397	36.74	ng	# 100
3) Pyridine	3.569	79	303421	19.30	ng	# 72
4) n-Nitrosodimethylamine	3.516	42	236733	40.58	ng	# 1
6) Aniline	6.551	93	215004	9.92	ng	94
8) 2-Chlorophenol	6.675	128	674251	42.56	ng	98
9) Benzaldehyde	6.439	77	246088	25.51	ng	93
10) Phenol	6.528	94	665902m	35.08	ng	
11) bis(2-Chloroethyl)ether	6.622	93	620783	42.09	ng	98
12) 1,3-Dichlorobenzene	6.833	146	695800	39.78	ng	94
13) 1,4-Dichlorobenzene	6.904	146	715428	40.20	ng	96
14) 1,2-Dichlorobenzene	7.057	146	684541	40.77	ng	98
15) Benzyl Alcohol	7.028	79	500300	38.41	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	773732	41.21	ng	88
17) 2-Methylphenol	7.133	107	513990	39.56	ng	98
18) Hexachloroethane	7.404	117	257429	44.56	ng	91
19) n-Nitroso-di-n-propyla...	7.304	70	415010	38.82	ng	# 68
20) 3+4-Methylphenols	7.286	107	614830	37.64	ng	94
22) Acetophenone	7.298	105	869378	40.93	ng	# 90
24) Nitrobenzene	7.469	77	622992	45.64	ng	97
25) Isophorone	7.710	82	1150742	38.29	ng	94
26) 2-Nitrophenol	7.786	139	343839	48.01	ng	# 92
27) 2,4-Dimethylphenol	7.822	122	620894	46.45	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	733459	43.27	ng	98
29) 2,4-Dichlorophenol	8.022	162	560161	42.19	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	591798	40.95	ng	97
31) Naphthalene	8.198	128	4035388	83.97	ng	# 94
32) Benzoic acid	7.928	122	333476	36.55	ng	94
33) 4-Chloroaniline	8.233	127	46631	2.31	ng	# 94
34) Hexachlorobutadiene	8.310	225	325168	40.80	ng	99
35) Caprolactam	8.604	113	132924m	30.68	ng	
36) 4-Chloro-3-methylphenol	8.716	107	544272	39.12	ng	99
37) 2-Methylnaphthalene	8.886	142	1934039	59.33	ng	97
38) 1-Methylnaphthalene	8.986	142	1884927	61.19	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	522912	42.50	ng	99
41) Hexachlorocyclopentadiene	9.039	237	575743	110.60	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	398244	46.16	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125642.D
 Acq On : 25 Sep 2021 2:30
 Operator : JU/CG
 Sample : M3872-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01MSD

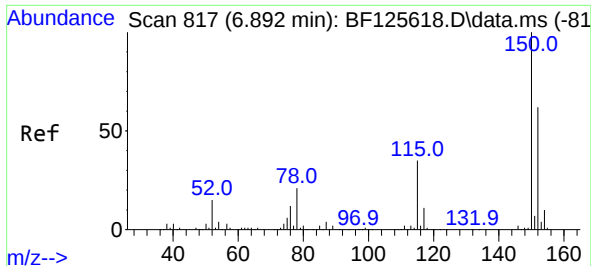
Manual Integrations
 APPROVED

mohammad
 9/27/2021 2:59:10 PM

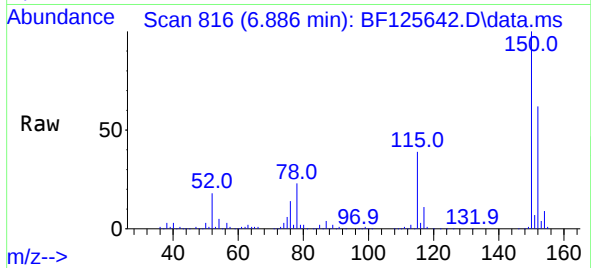
Quant Time: Sep 25 03:03:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	407507	43.75	ng	92
46) 1,1'-Biphenyl	9.345	154	1493036	42.80	ng	97
47) 2-Chloronaphthalene	9.374	162	1206887	41.79	ng	96
48) 2-Nitroaniline	9.463	65	288786	42.88	ng	94
49) Acenaphthylene	9.786	152	1800463	41.41	ng	98
50) Dimethylphthalate	9.651	163	1378205	43.25	ng	# 98
51) 2,6-Dinitrotoluene	9.704	165	292357	45.28	ng	96
52) Acenaphthene	9.963	154	1231846	45.19	ng	96
53) 3-Nitroaniline	9.869	138	39858	8.17	ng	90
54) 2,4-Dinitrophenol	9.974	184	235208	78.36	ng	# 81
55) Dibenzofuran	10.133	168	1612478	39.43	ng	95
56) 4-Nitrophenol	10.027	139	384313	65.46	ng	88
57) 2,4-Dinitrotoluene	10.110	165	374395	46.41	ng	# 80
58) Fluorene	10.474	166	1238198	38.90	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	303849	42.38	ng	# 89
60) Diethylphthalate	10.345	149	1280047	41.66	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	552416	39.04	ng	92
62) 4-Nitroaniline	10.486	138	217116	30.62	ng	# 75
63) Azobenzene	10.627	77	1110350	37.43	ng	83
65) 4,6-Dinitro-2-methylph...	10.516	198	156841	45.73	ng	# 65
66) n-Nitrosodiphenylamine	10.580	169	999520	40.84	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	345403	46.17	ng	96
68) Hexachlorobenzene	11.021	284	397454	45.26	ng	# 86
69) Atrazine	11.104	200	157384	24.25	ng	93
70) Pentachlorophenol	11.210	266	402285	86.68	ng	95
71) Phenanthrene	11.433	178	1719235	43.01	ng	97
72) Anthracene	11.486	178	1704646	43.15	ng	98
73) Carbazole	11.633	167	1324364	34.07	ng	99
74) Di-n-butylphthalate	11.968	149	1767427	45.09	ng	99
75) Fluoranthene	12.621	202	1412410	33.06	ng	98
77) Benzidine	12.733	184	151407	13.79	ng	97
78) Pyrene	12.851	202	1401158	37.09	ng	97
80) Butylbenzylphthalate	13.468	149	552743	44.18	ng	95
81) Benzo(a)anthracene	14.033	228	1109649	39.08	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	136553	16.67	ng	99
83) Chrysene	14.074	228	1156112	40.57	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	691941	48.32	ng	98
85) Di-n-octyl phthalate	14.639	149	1289811	61.41	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1299772	40.12	ng	97
88) Benzo(b)fluoranthene	15.086	252	1374971	41.12	ng	98
89) Benzo(k)fluoranthene	15.121	252	1201078	37.49	ng	97
90) Benzo(a)pyrene	15.456	252	1270623	42.69	ng	97
91) Dibenzo(a,h)anthracene	17.027	278	1094391	40.41	ng	96
92) Benzo(g,h,i)perylene	17.450	276	1004493	36.32	ng	92

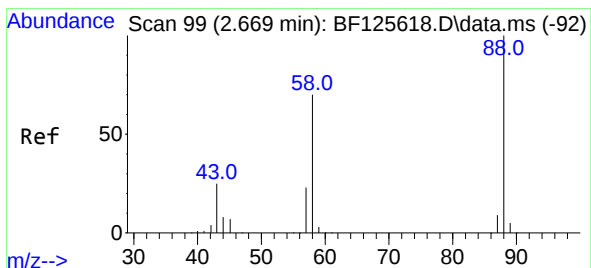
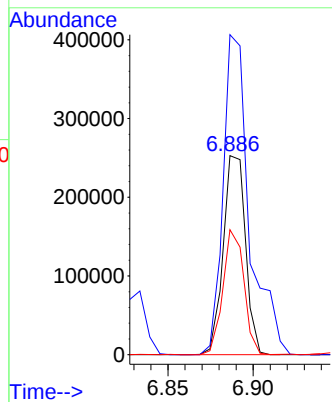
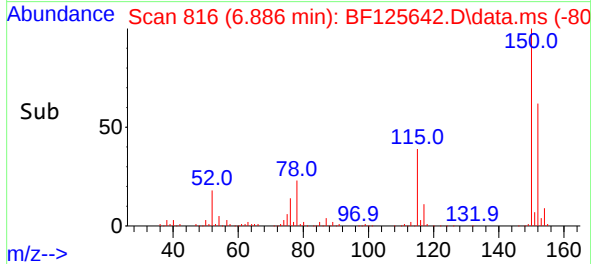
(#) = qualifier out of range (m) = manual integration (+) = signals summed



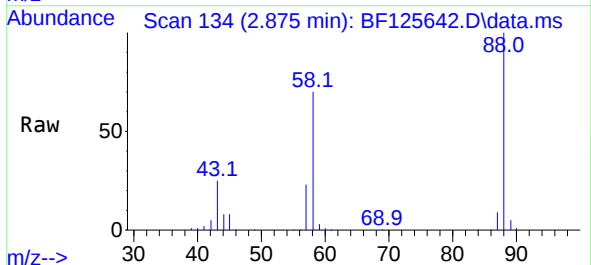
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



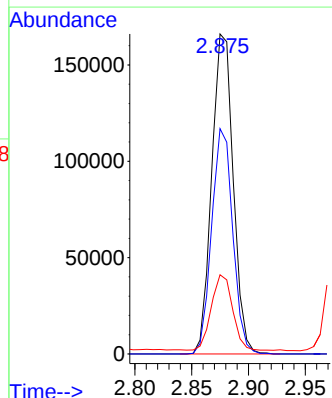
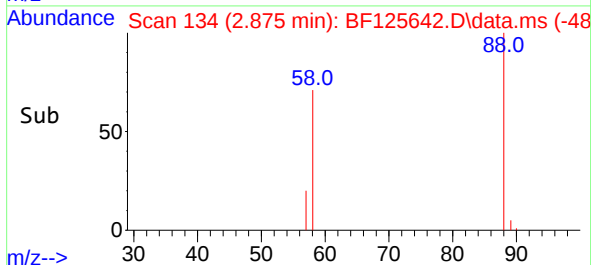
Tgt Ion:152 Resp: 230104
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 62.8 47.1 70.7



#2
1,4-Dioxane
Concen: 36.74 ng
RT: 2.875 min Scan# 134
Delta R.T. 0.206 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



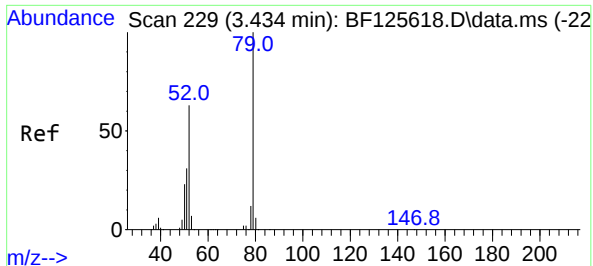
Tgt Ion: 88 Resp: 218397
Ion Ratio Lower Upper
88 100
58 69.2 0.0 0.0#
43 0.0 0.0 0.0



Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



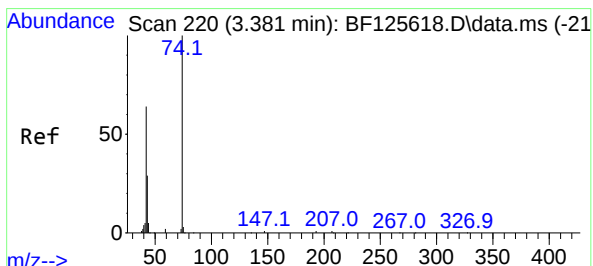
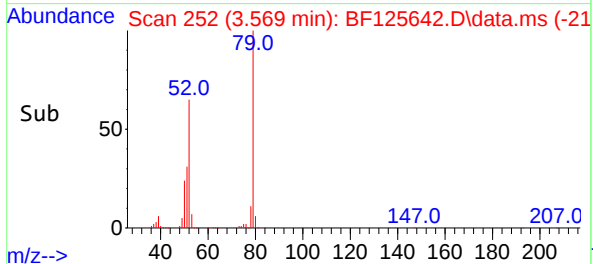
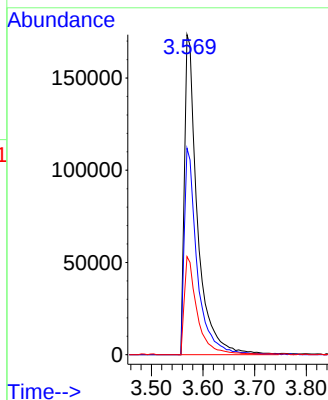
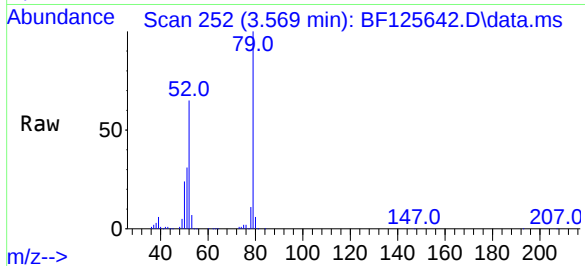
#3
Pyridine
Concen: 19.30 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.135 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 79 Resp: 303421
Ion Ratio Lower Upper
79 100
52 64.5 70.3 105.5#
51 30.6 44.1 66.1#

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

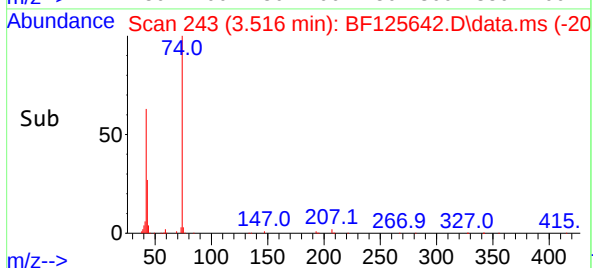
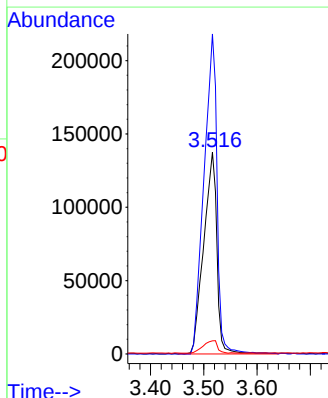
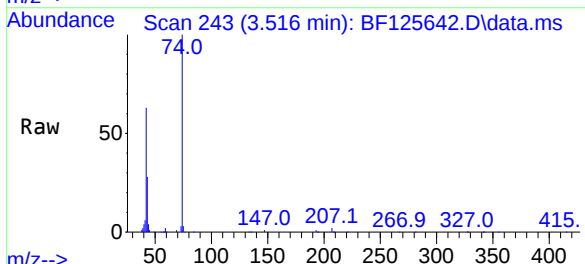
Manual Integrations
APPROVED

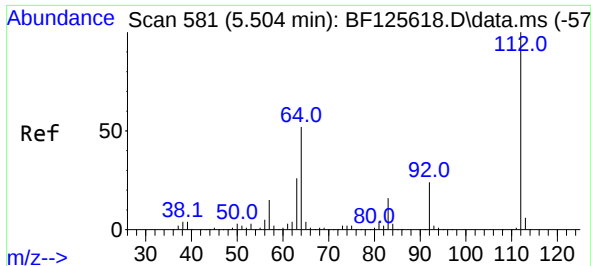
mohammad
9/27/2021 2:59:10 PM



#4
n-Nitrosodimethylamine
Concen: 40.58 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.135 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 42 Resp: 236733
Ion Ratio Lower Upper
42 100
74 158.6 59.0 88.6#
44 6.5 0.0 0.0#





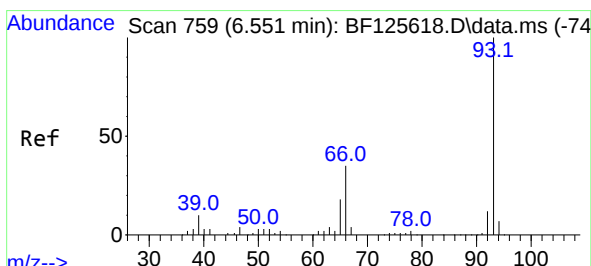
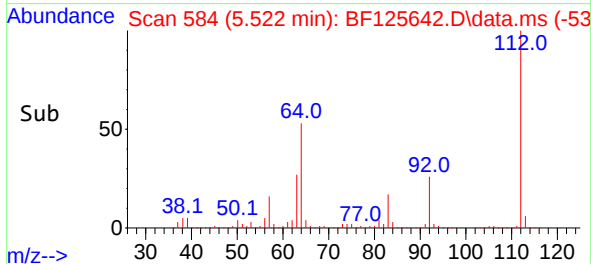
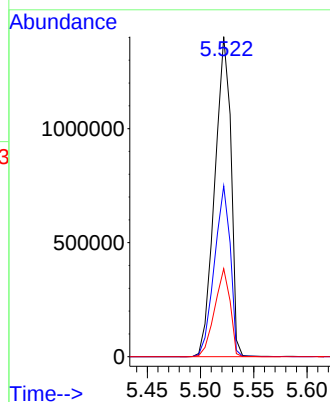
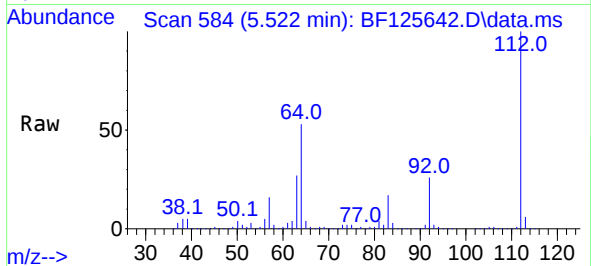
#5
2-Fluorophenol
Concen: 105.87 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Tgt Ion:112 Resp: 1478556
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 27.5 26.2 39.2

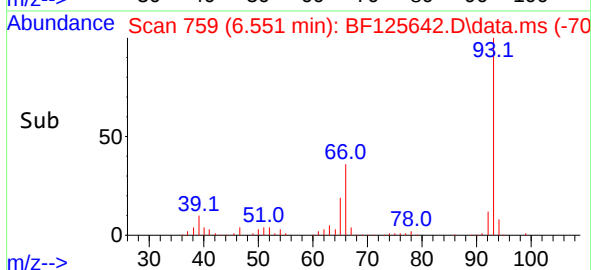
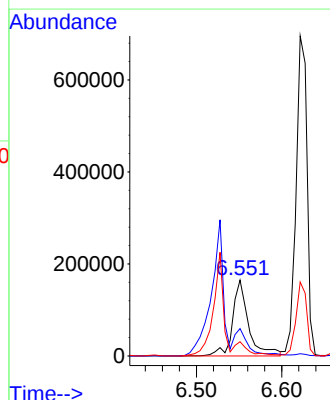
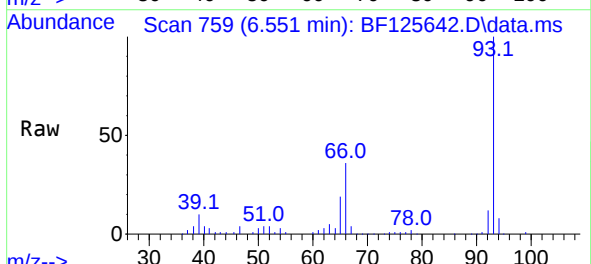
Manual Integrations
APPROVED

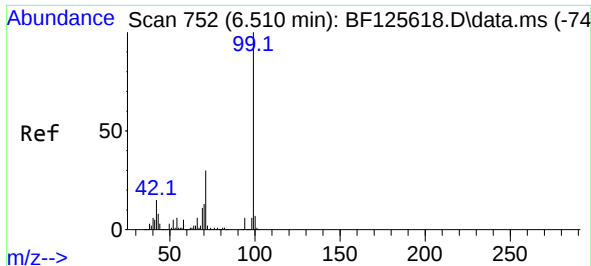
mohammad
9/27/2021 2:59:10 PM



#6
Aniline
Concen: 9.92 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 93 Resp: 215004
Ion Ratio Lower Upper
93 100
66 36.0 32.7 49.1
65 18.7 14.2 21.4





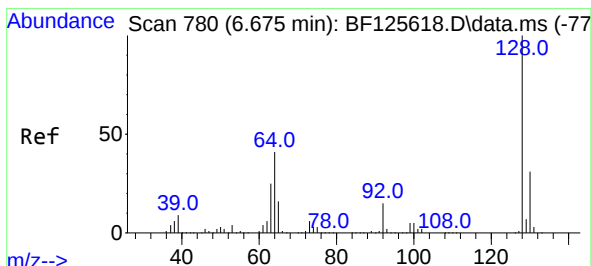
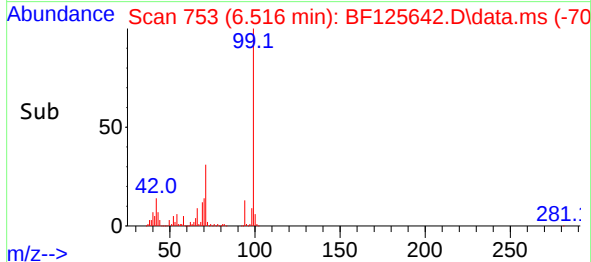
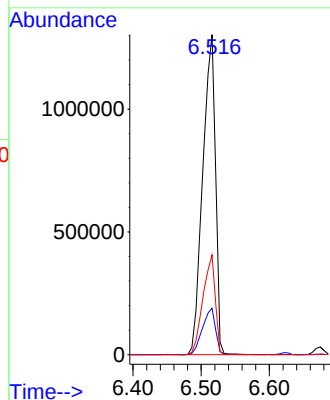
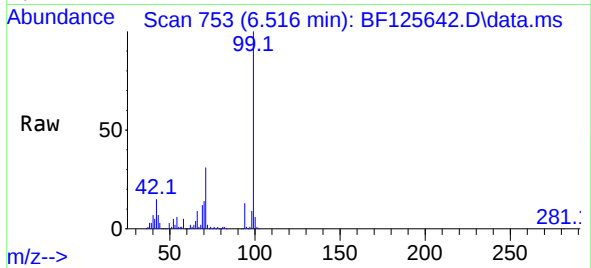
#7
Phenol-d6
Concen: 90.23 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 99 Resp: 1694136
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 31.2 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

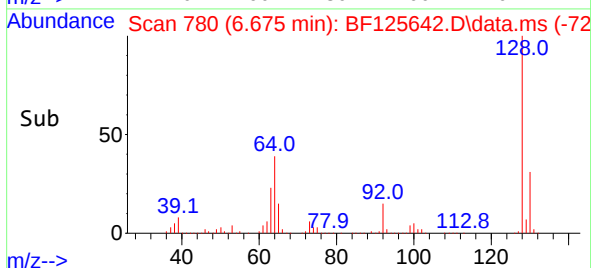
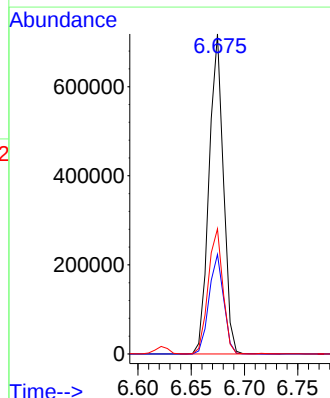
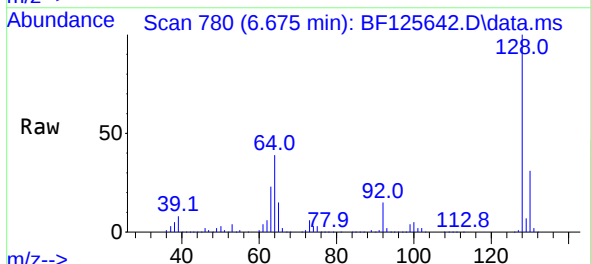
Manual Integrations
APPROVED

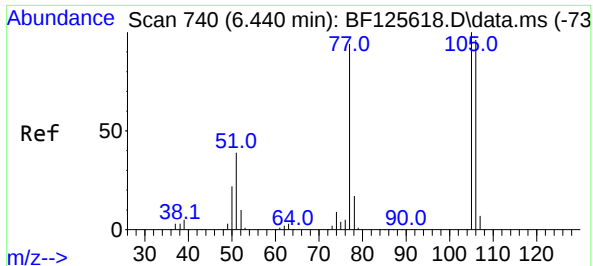
mohammad
9/27/2021 2:59:10 PM



#8
2-Chlorophenol
Concen: 42.56 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:128 Resp: 674251
Ion Ratio Lower Upper
128 100
130 31.1 10.5 50.5
64 39.1 20.3 60.3





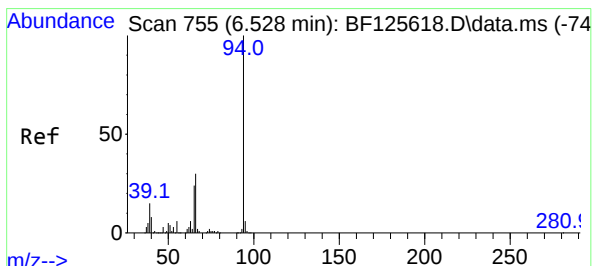
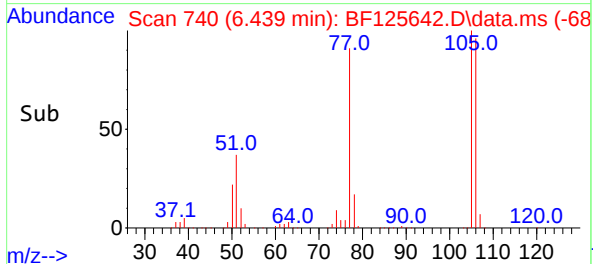
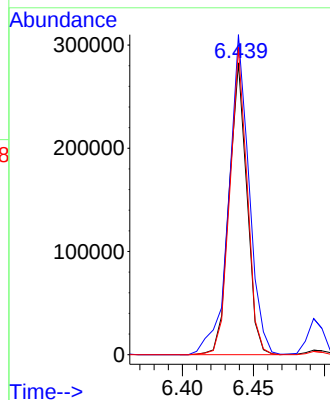
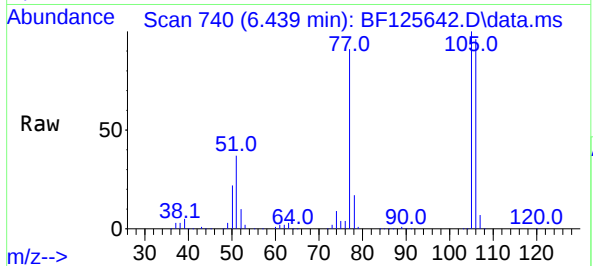
#9
Benzaldehyde
Concen: 25.51 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Tgt Ion: 77 Resp: 246088
Ion Ratio Lower Upper
77 100
105 109.6 75.9 115.9
106 105.3 84.0 124.0

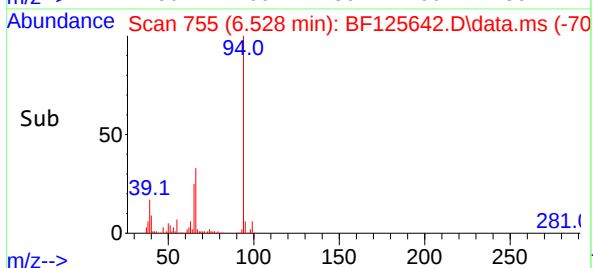
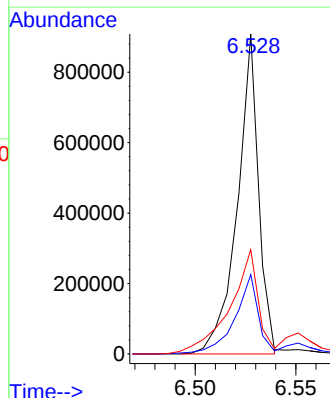
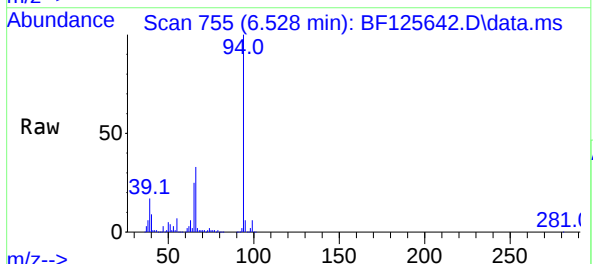
Manual Integrations
APPROVED

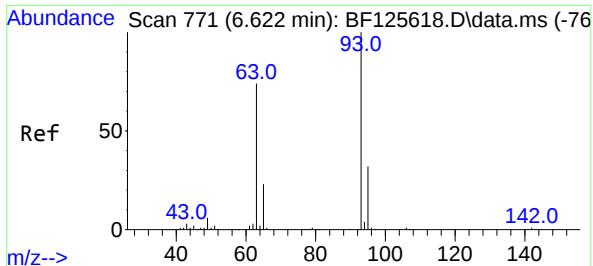
mohammad
9/27/2021 2:59:10 PM



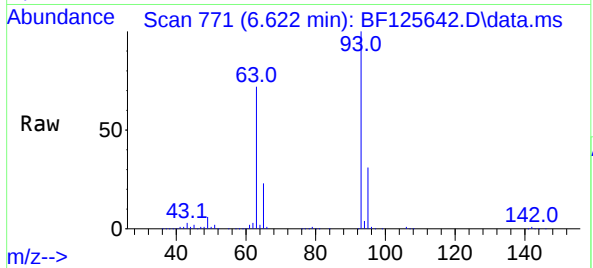
#10
Phenol
Concen: 35.08 ng m
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 94 Resp: 665902
Ion Ratio Lower Upper
94 100
65 24.8 9.3 49.3
66 32.6 20.3 60.3

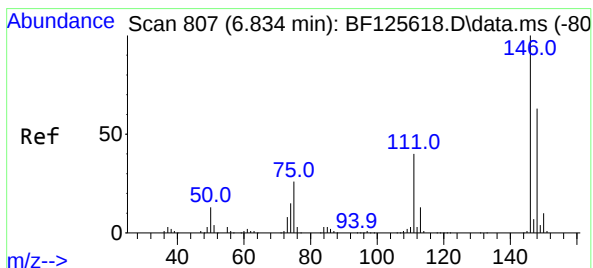
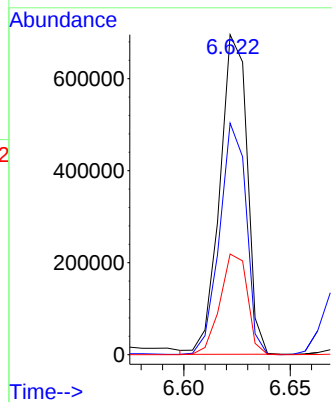
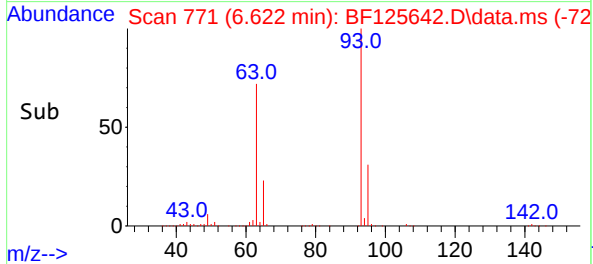




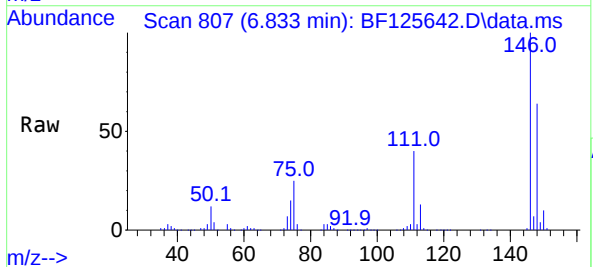
#11
bis(2-Chloroethyl)ether
Concen: 42.09 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



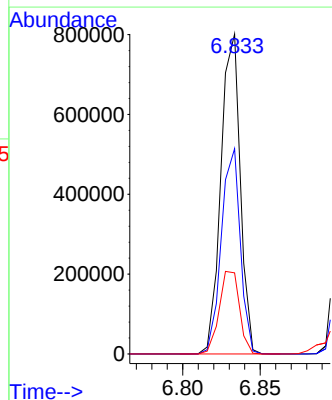
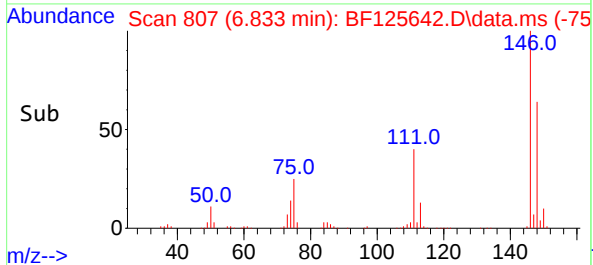
Tgt Ion: 93 Resp: 620783
Ion Ratio Lower Upper
93 100
63 72.4 54.4 94.4
95 31.4 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 39.78 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



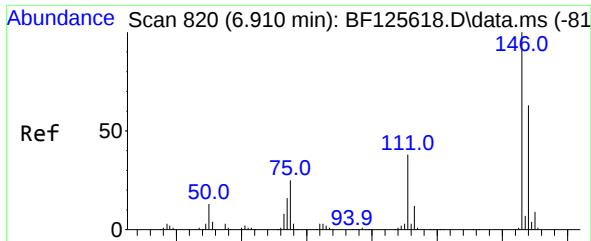
Tgt Ion: 146 Resp: 695800
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
75 25.3 25.2 37.8



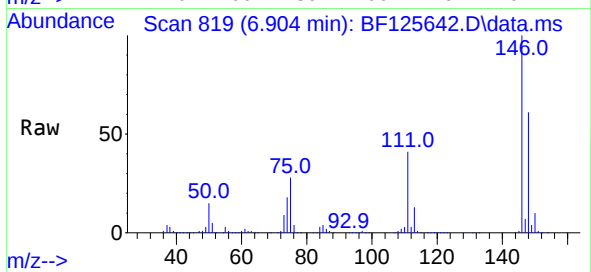
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

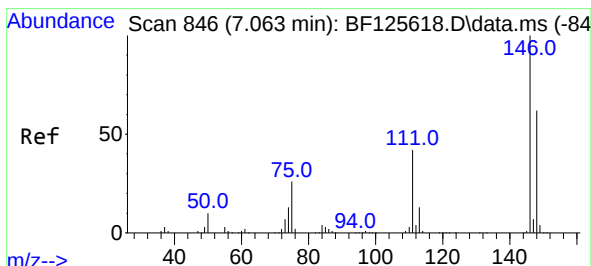
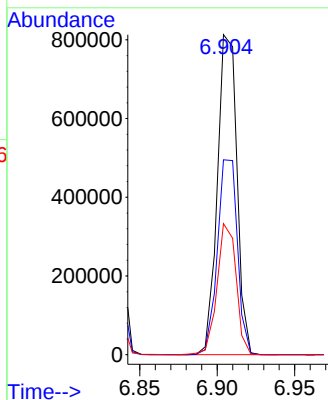
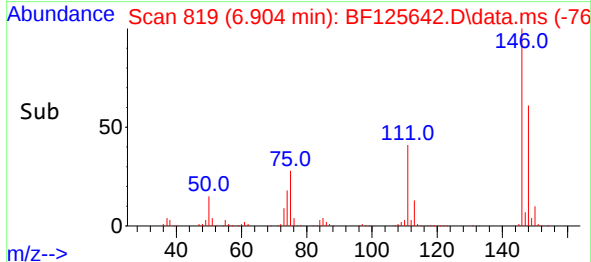
mohammad
9/27/2021 2:59:10 PM



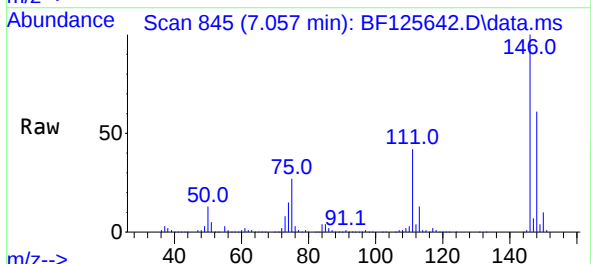
#13
1,4-Dichlorobenzene
Concen: 40.20 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



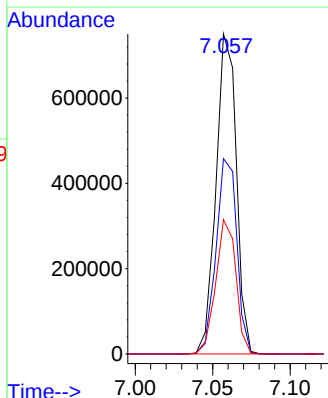
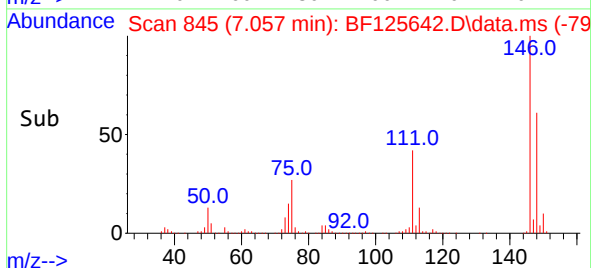
Tgt Ion:146 Resp: 715428
Ion Ratio Lower Upper
146 100
148 60.9 51.9 77.9
111 40.9 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 40.77 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



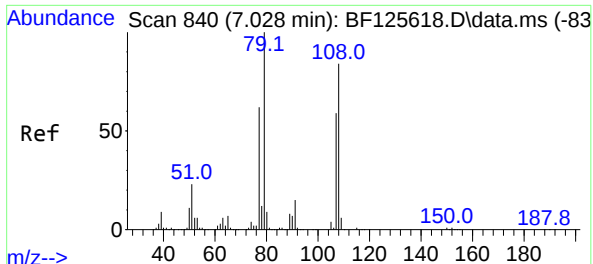
Tgt Ion:146 Resp: 684541
Ion Ratio Lower Upper
146 100
148 61.0 50.6 75.8
111 42.0 33.5 50.3



Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



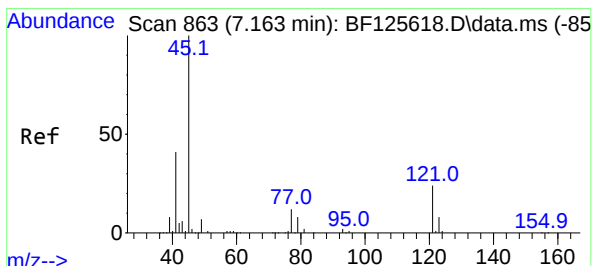
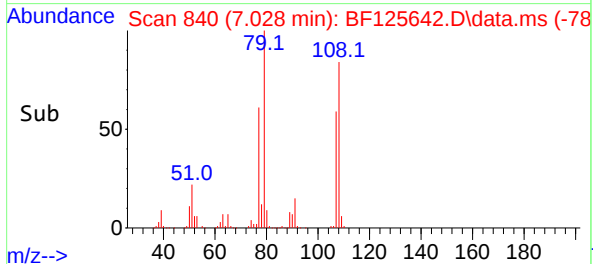
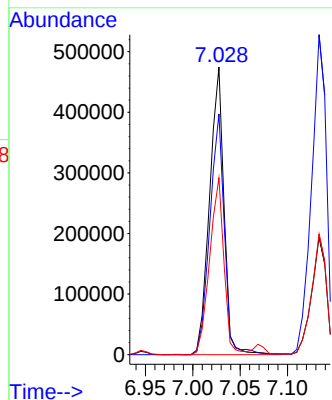
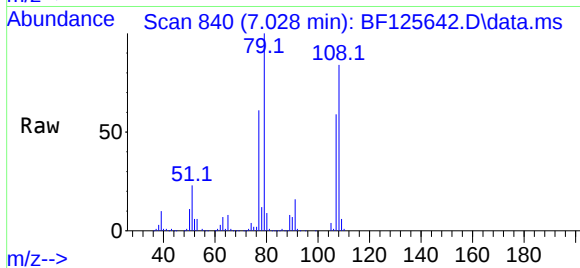
#15
Benzyl Alcohol
Concen: 38.41 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 79 Resp: 500300
Ion Ratio Lower Upper
79 100
108 83.7 60.4 90.6
77 61.5 51.5 77.3

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

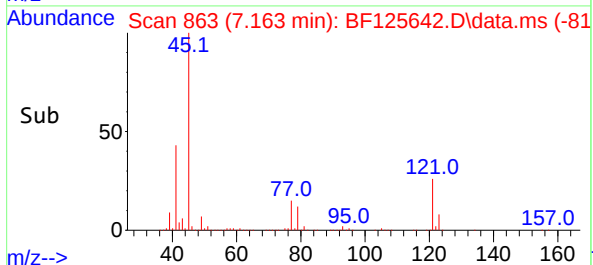
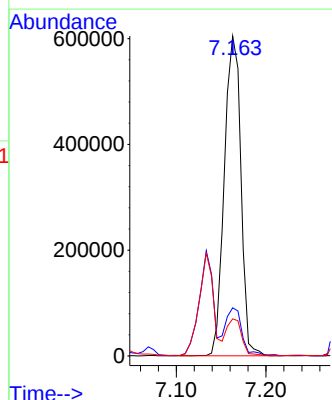
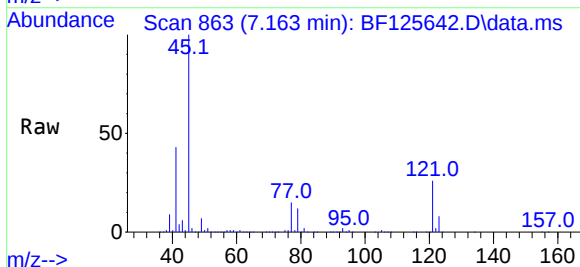
Manual Integrations
APPROVED

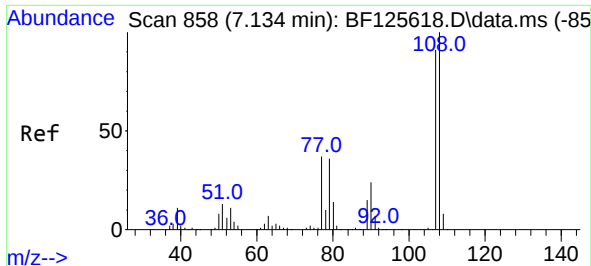
mohammad
9/27/2021 2:59:10 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.21 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 45 Resp: 773732
Ion Ratio Lower Upper
45 100
77 15.0 0.0 30.6
79 11.6 0.0 27.5





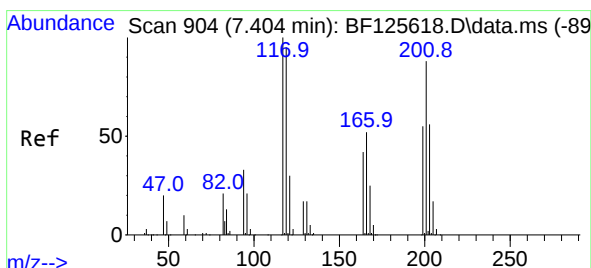
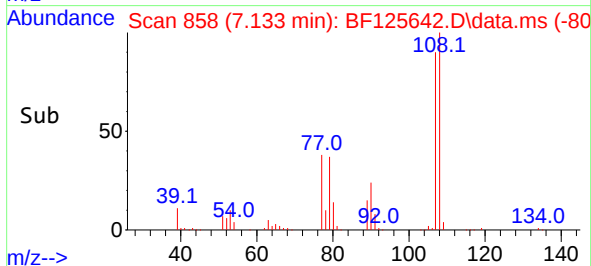
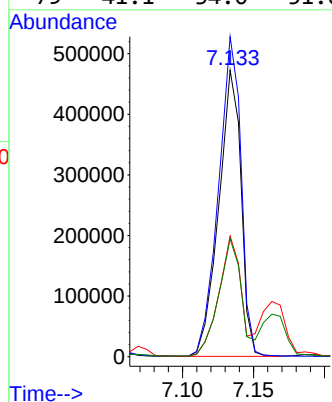
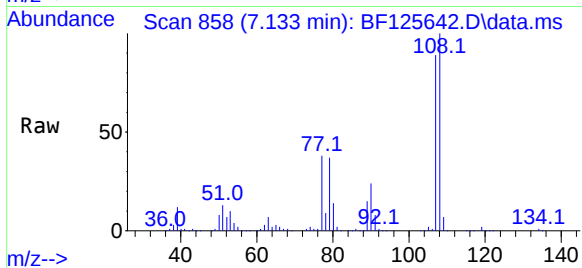
#17
2-Methylphenol
Concen: 39.56 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	107	Resp:	513990
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	135.8
77	42.1	35.7	53.5
79	41.1	34.0	51.0

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

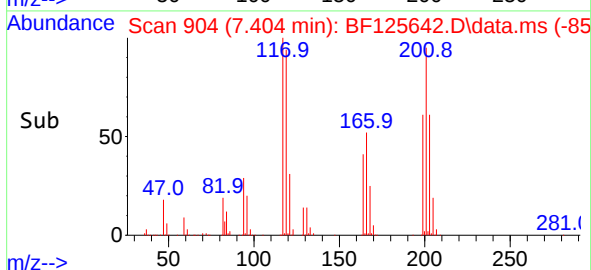
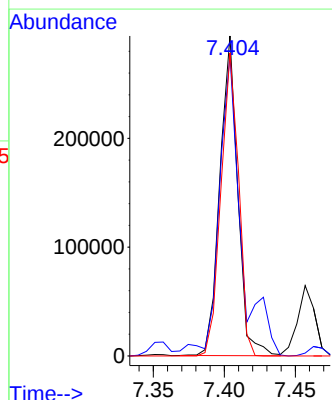
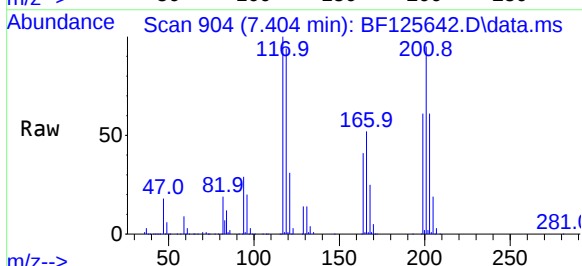
Manual Integrations
APPROVED

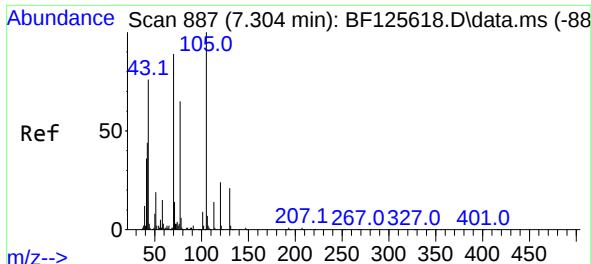
mohammad
9/27/2021 2:59:10 PM



#18
Hexachloroethane
Concen: 44.56 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	117	Resp:	257429
Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.4	110.2
201	94.7	64.9	97.3





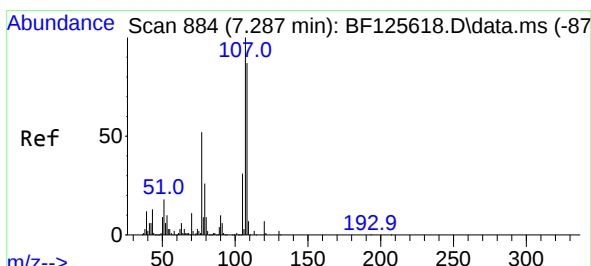
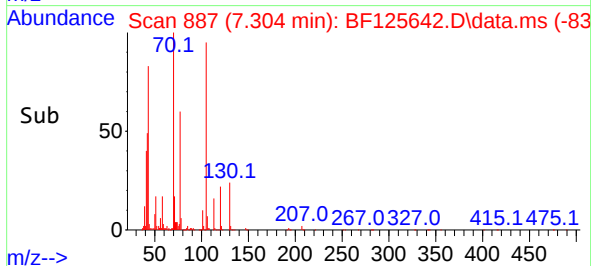
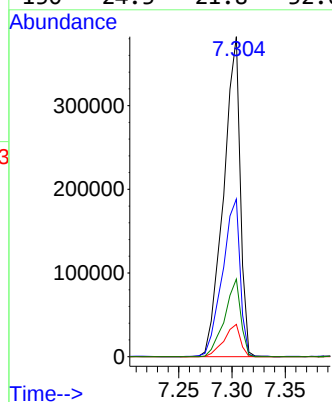
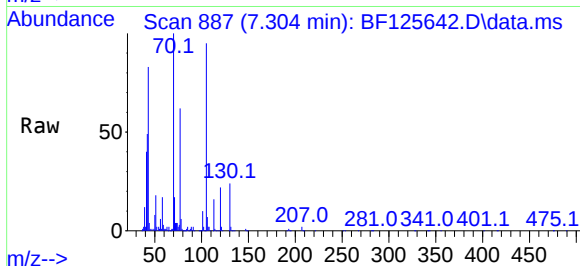
#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	70	Resp:	415010
Ion	Ratio	Lower	Upper
70	100		
42	49.3	72.2	108.2#
101	10.1	7.8	11.8
130	24.3	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

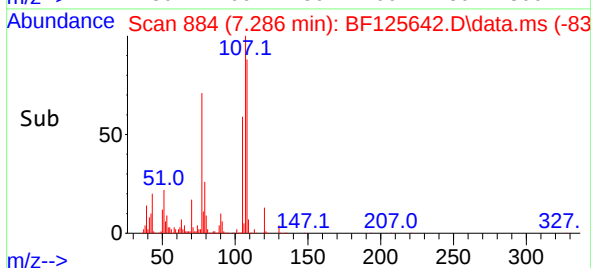
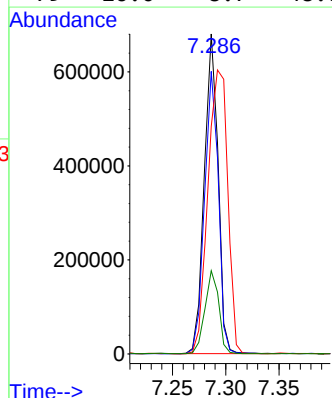
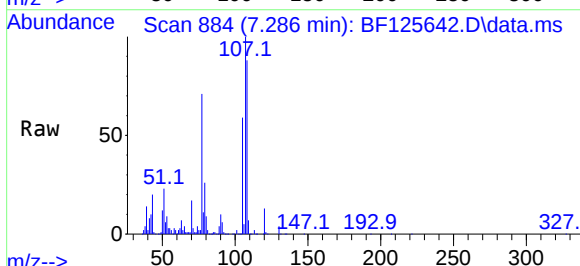
Manual Integrations
APPROVED

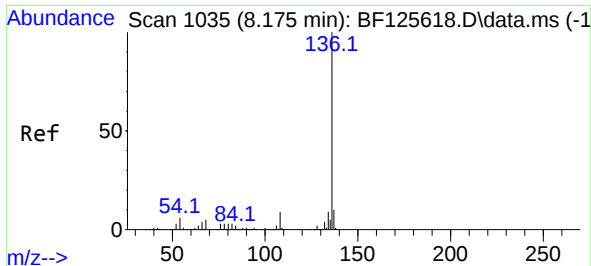
mohammad
9/27/2021 2:59:10 PM



#20
3+4-Methylphenols
Concen: 37.64 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	107	Resp:	614830
Ion	Ratio	Lower	Upper
107	100		
108	88.3	76.6	116.6
77	71.1	53.3	93.3
79	26.0	8.7	48.7





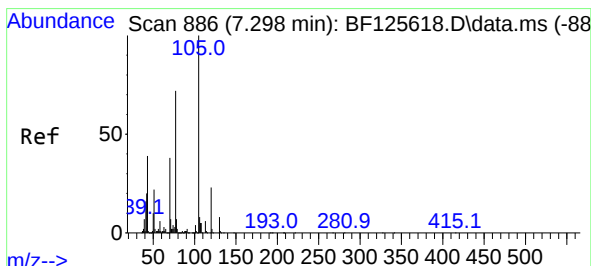
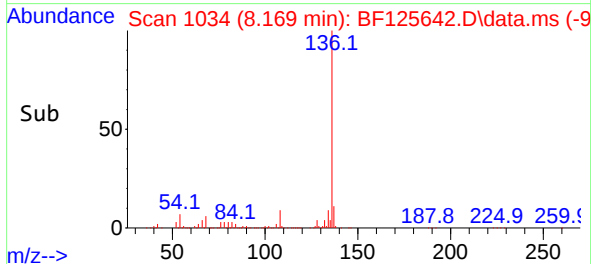
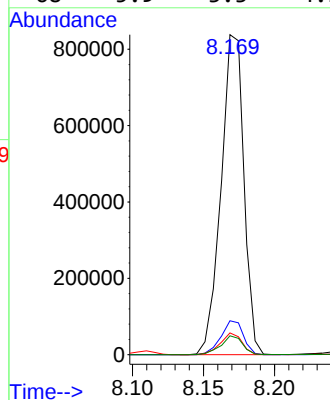
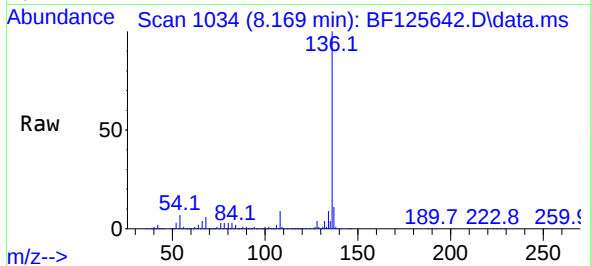
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	136	Resp:	936014
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	6.8	6.4	9.6
68	5.9	3.3	4.9#

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

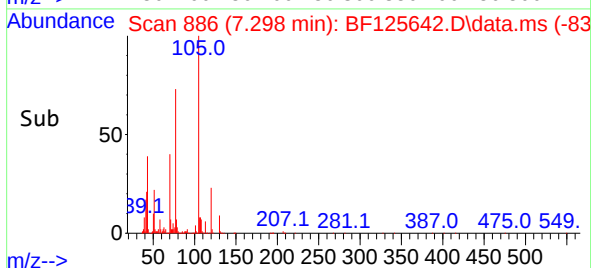
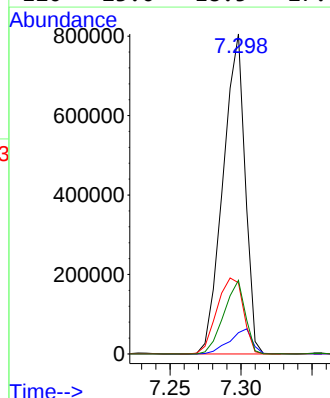
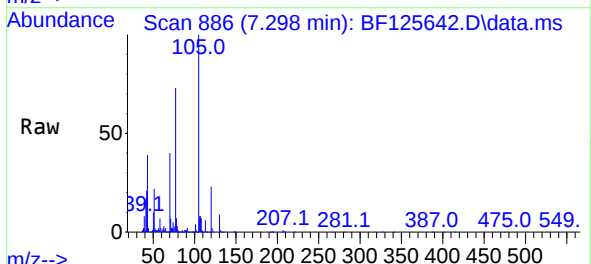
Manual Integrations
APPROVED

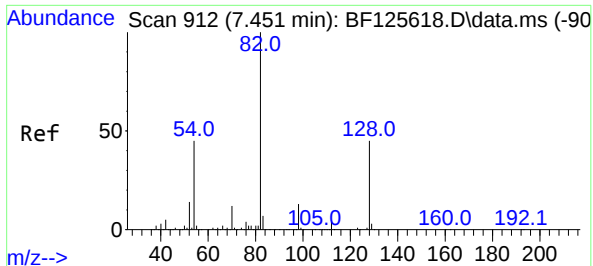
mohammad
9/27/2021 2:59:10 PM



#22
Acetophenone
Concen: 40.93 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	105	Resp:	869378
Ion Ratio	Lower	Upper	
105	100		
71	6.6	5.5	8.3
51	22.3	26.0	39.0#
120	23.0	18.5	27.7





#23
Nitrobenzene-d5
Concen: 86.75 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

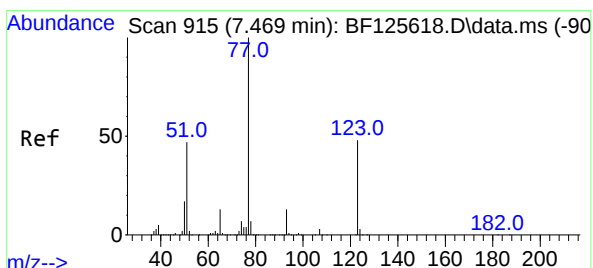
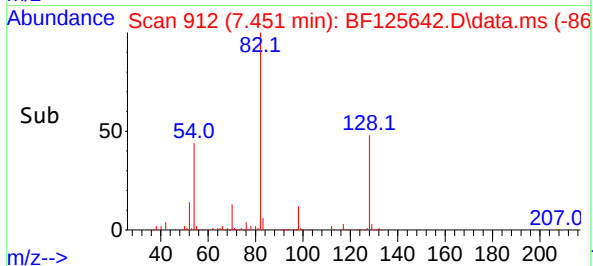
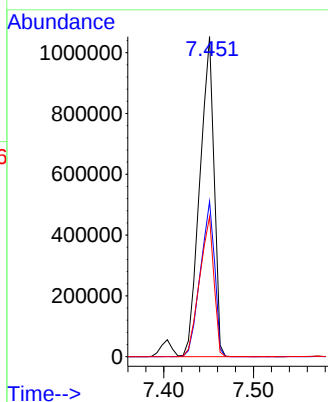
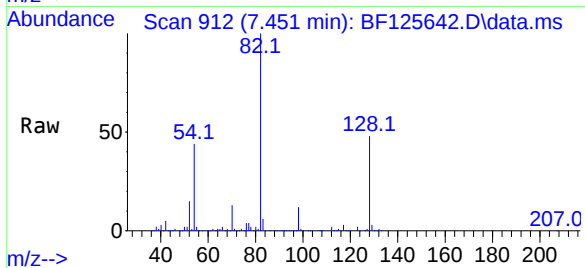
Tgt Ion: 82 Resp: 1164126

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.6	60.8
54	43.7	49.6	74.4#

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

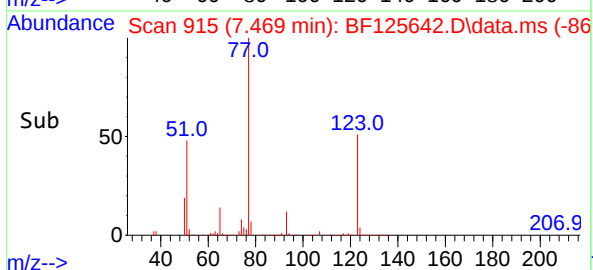
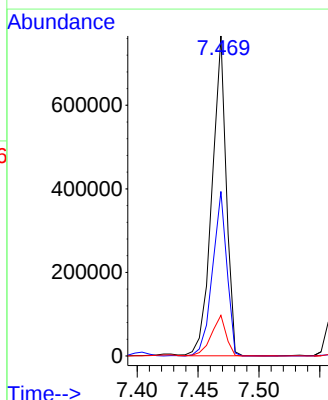
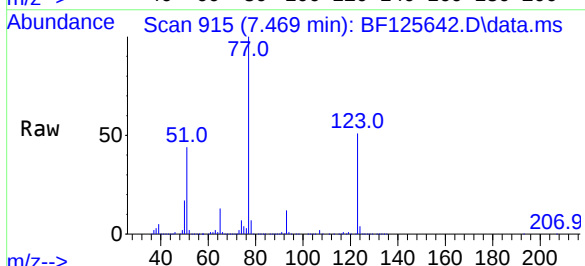
mohammad
9/27/2021 2:59:10 PM

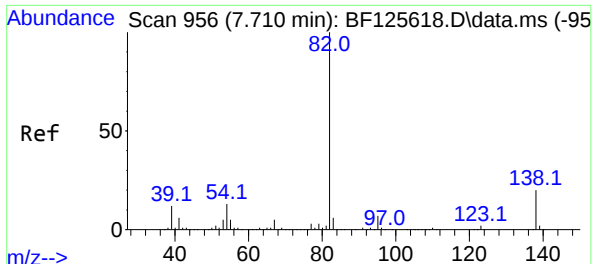


#24
Nitrobenzene
Concen: 45.64 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

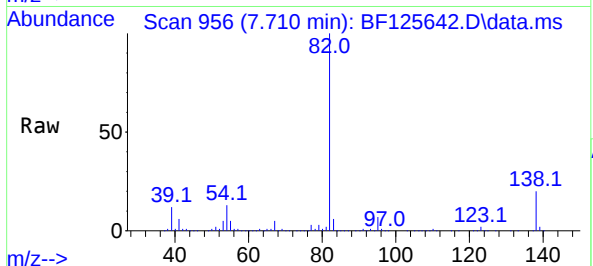
Tgt Ion: 77 Resp: 622992

Ion	Ratio	Lower	Upper
77	100		
123	51.4	42.3	63.5
65	12.7	12.4	18.6

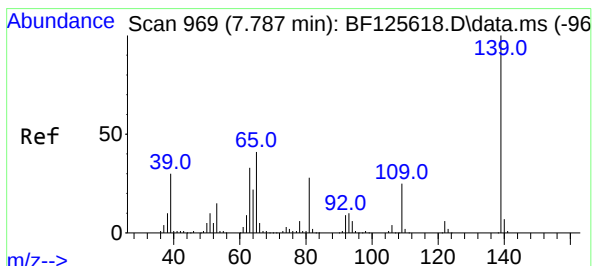
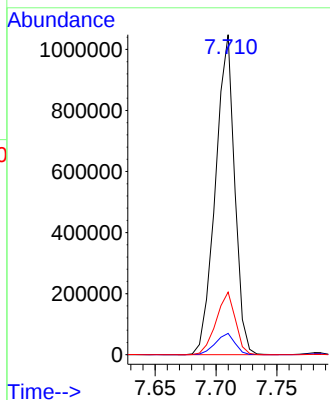
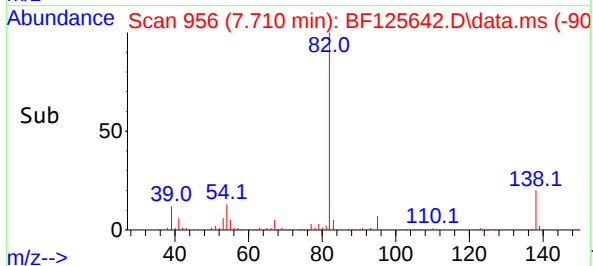




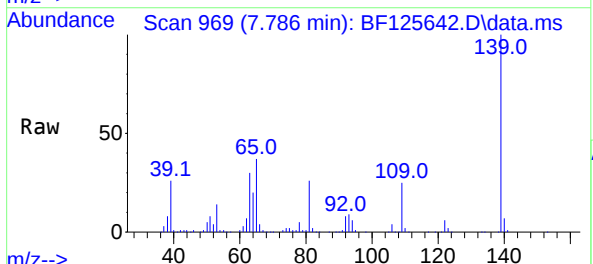
#25
Isophorone
Concen: 38.29 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



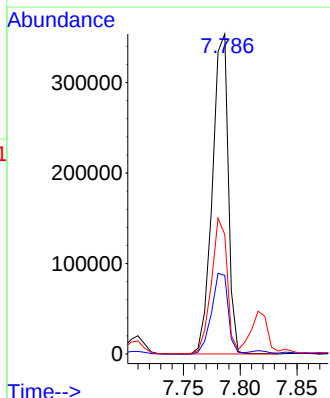
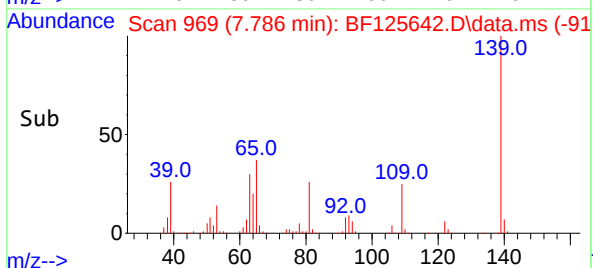
Tgt Ion: 82 Resp: 1150742
Ion Ratio Lower Upper
82 100
95 6.6 6.5 9.7
138 19.6 18.4 27.6



#26
2-Nitrophenol
Concen: 48.01 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



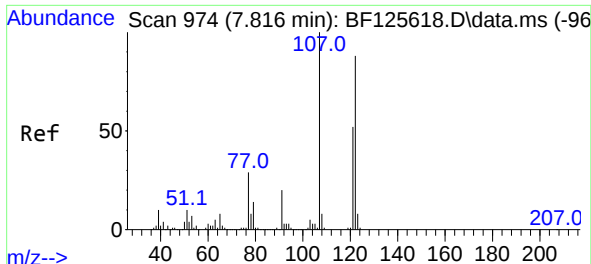
Tgt Ion:139 Resp: 343839
Ion Ratio Lower Upper
139 100
109 24.6 26.0 39.0#
65 37.4 31.0 46.4



Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

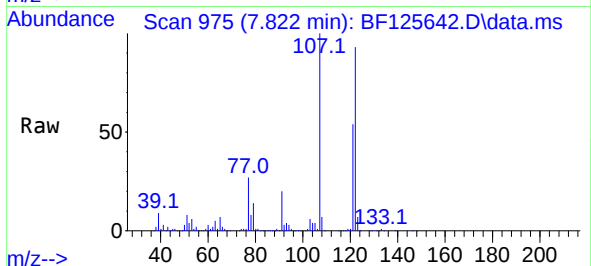
Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



#27
2,4-Dimethylphenol
Concen: 46.45 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

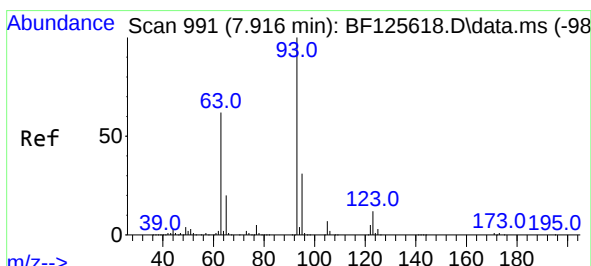
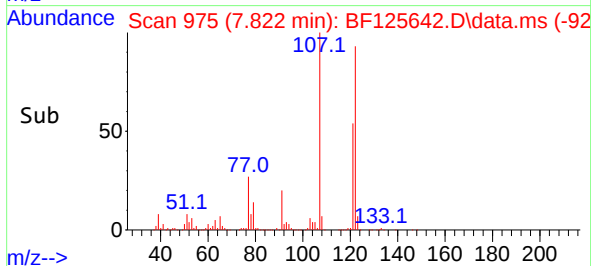
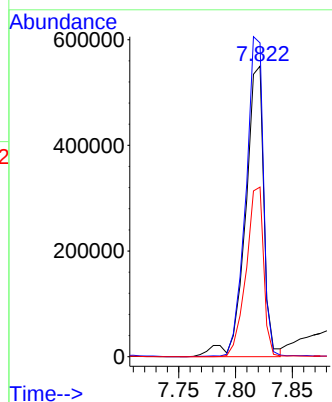
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



Tgt Ion:122 Resp: 620894
Ion Ratio Lower Upper
122 100
107 108.0 85.0 127.6
121 58.4 43.3 64.9

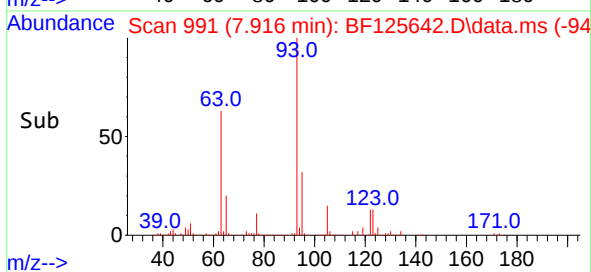
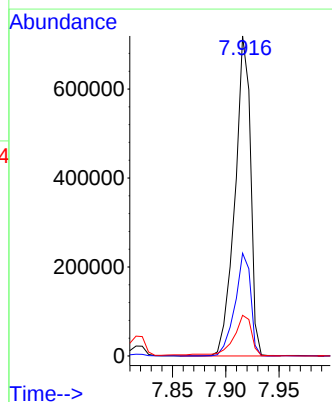
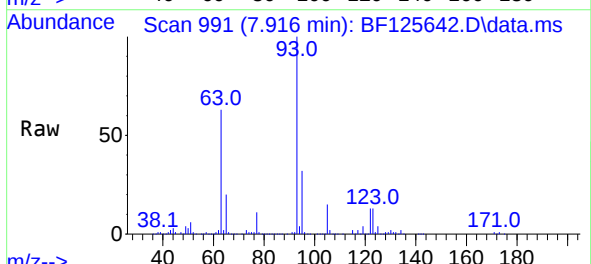
Manual Integrations
APPROVED

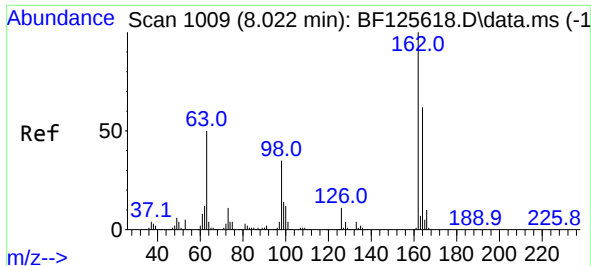
mohammad
9/27/2021 2:59:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.27 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion: 93 Resp: 733459
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 12.7 11.7 17.5





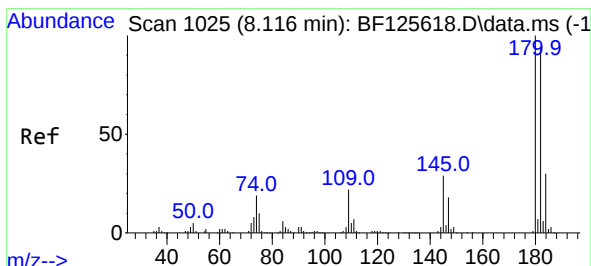
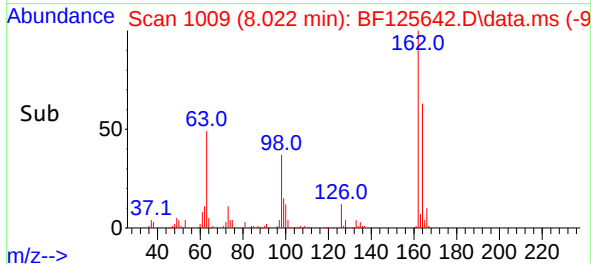
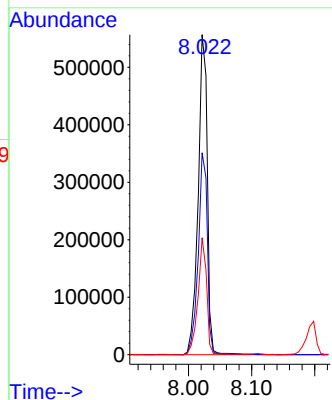
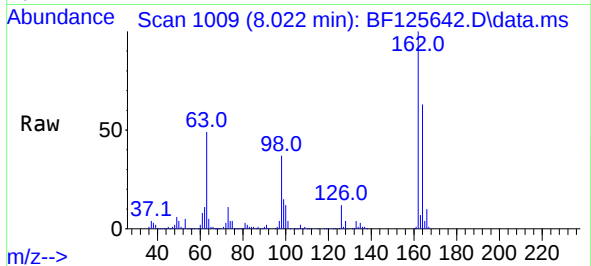
#29
2,4-Dichlorophenol
Concen: 42.19 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:162 Resp: 560161
Ion Ratio Lower Upper
162 100
164 63.1 44.5 84.5
98 36.5 13.0 53.0

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

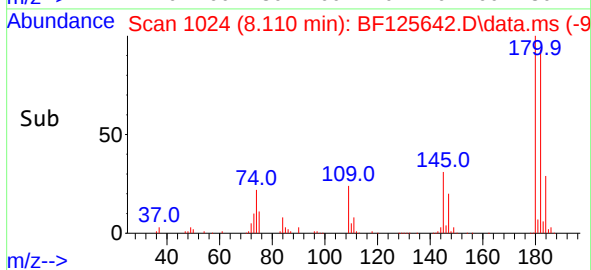
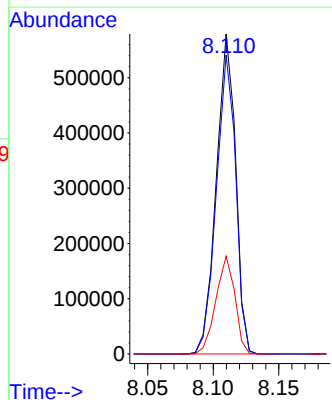
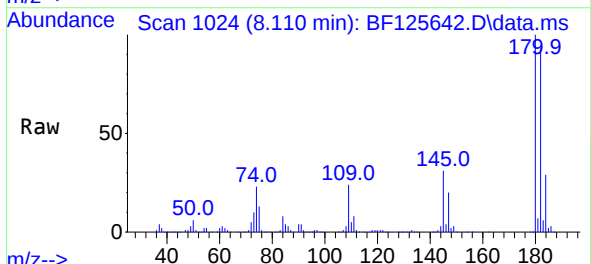
Manual Integrations
APPROVED

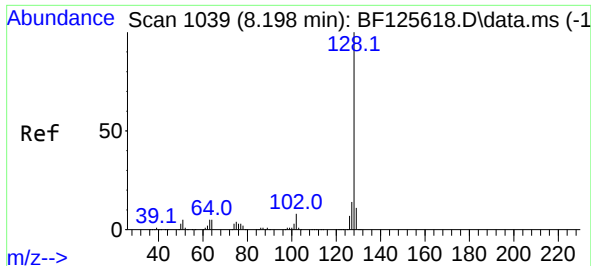
mohammad
9/27/2021 2:59:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.95 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

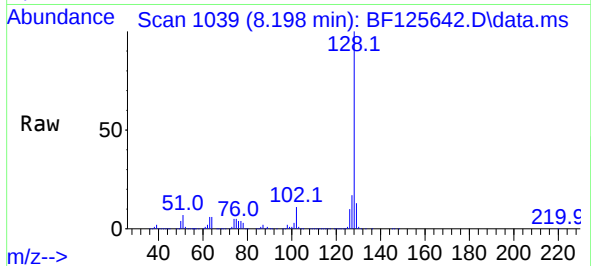
Tgt Ion:180 Resp: 591798
Ion Ratio Lower Upper
180 100
182 93.5 76.8 115.2
145 30.5 26.7 40.1





#31
Naphthalene
Concen: 83.97 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

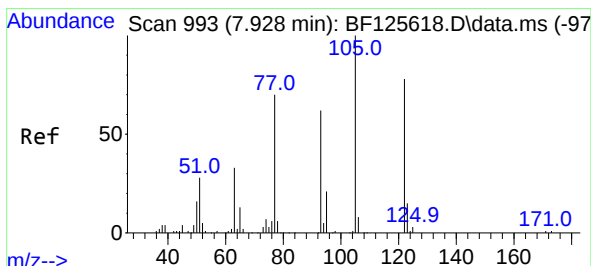
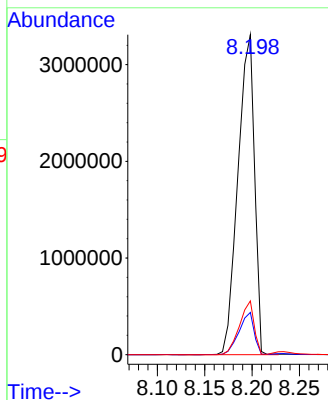
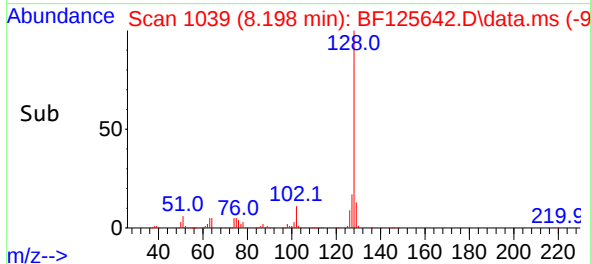
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



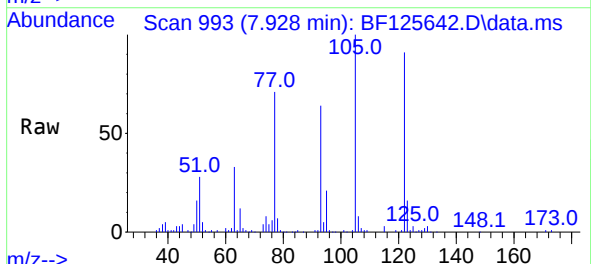
Tgt Ion:128 Resp: 4035388
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 16.8 10.9 16.3#

Manual Integrations
APPROVED

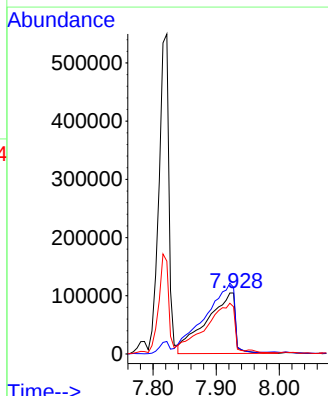
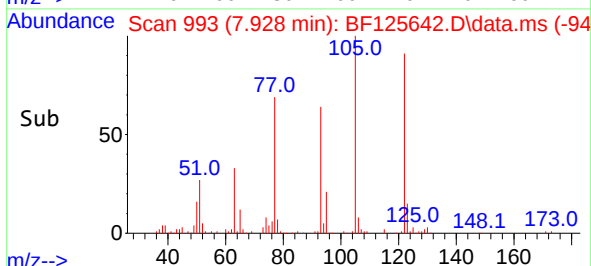
mohammad
9/27/2021 2:59:10 PM

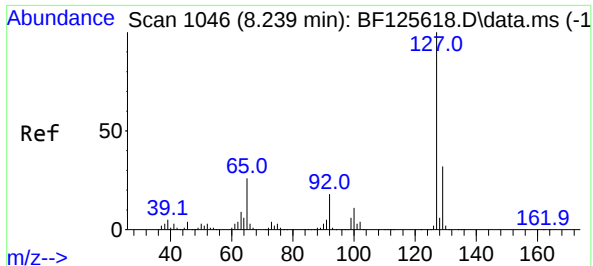


#32
Benzoic acid
Concen: 36.55 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion:122 Resp: 333476
Ion Ratio Lower Upper
122 100
105 109.3 97.6 137.6
77 77.2 59.6 99.6





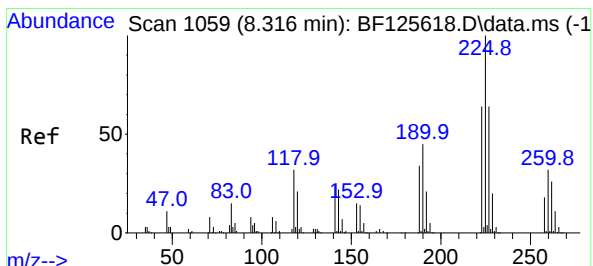
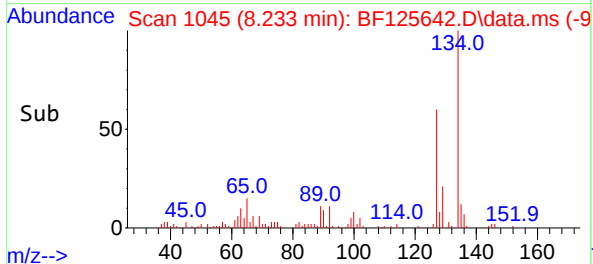
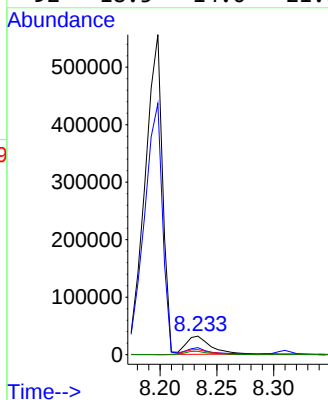
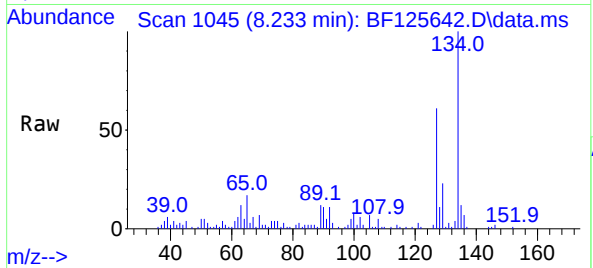
#33
4-Chloroaniline
Concen: 2.31 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Tgt Ion:	127	Resp:	46631
Ion	Ratio	Lower	Upper
127	100		
129	38.5	25.7	38.5#
65	27.5	21.2	31.8
92	18.5	14.0	21.0

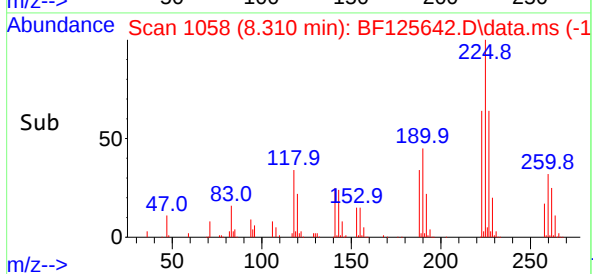
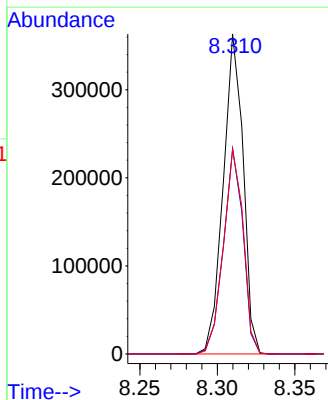
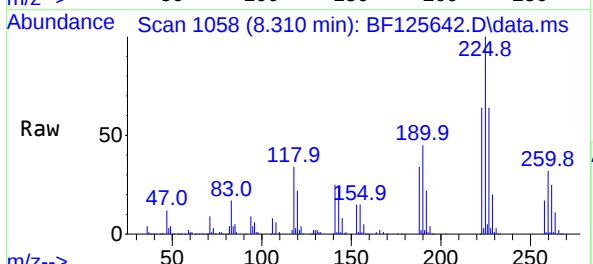
Manual Integrations
APPROVED

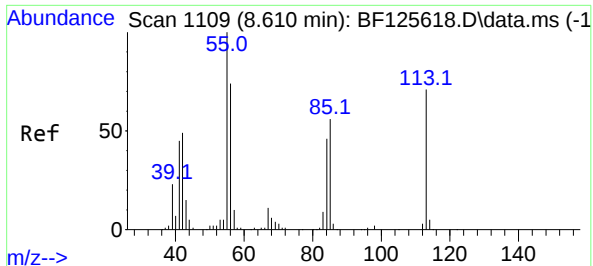
mohammad
9/27/2021 2:59:10 PM



#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:	225	Resp:	325168
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.0	50.6	75.8





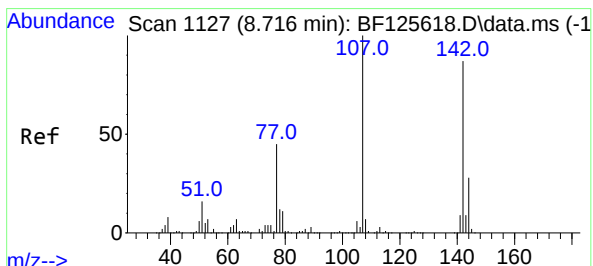
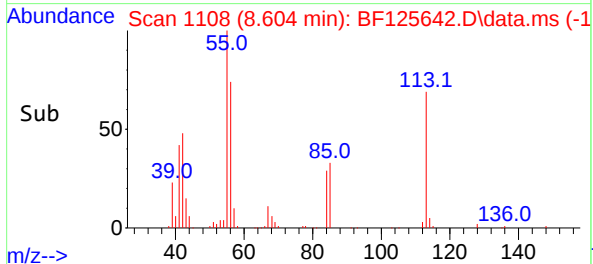
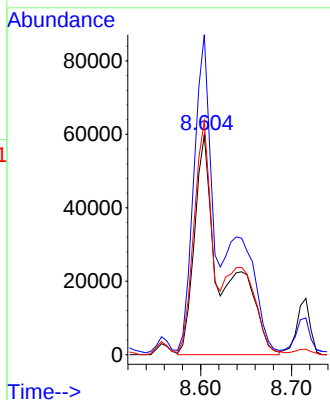
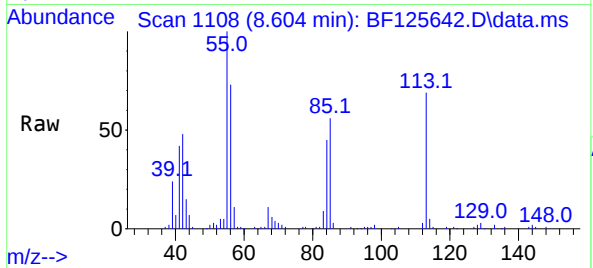
#35
Caprolactam
Concen: 30.68 ng m
RT: 8.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:113 Resp: 132924
Ion Ratio Lower Upper
113 100
55 145.7 154.1 194.1#
56 106.4 108.7 148.7#

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

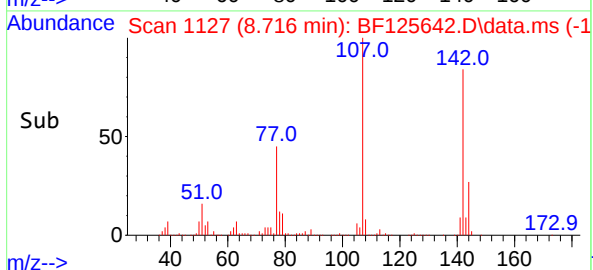
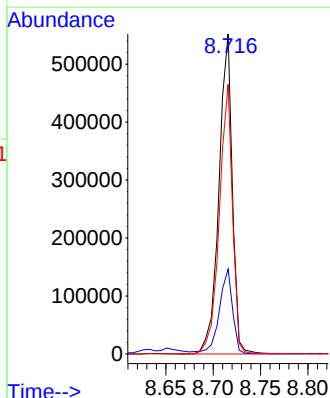
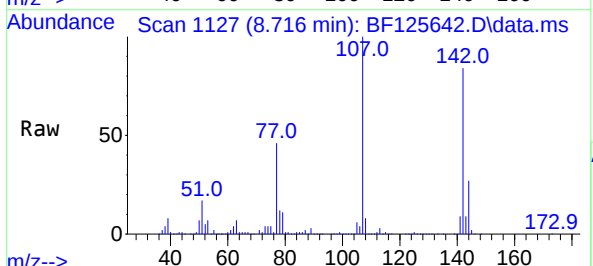
Manual Integrations
APPROVED

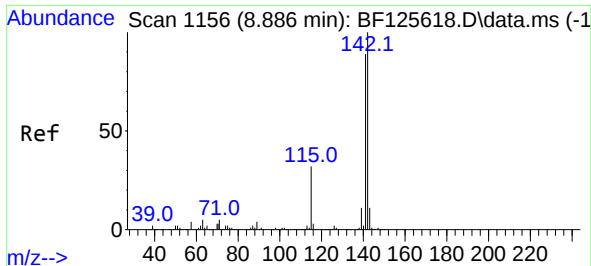
mohammad
9/27/2021 2:59:10 PM



#36
4-Chloro-3-methylphenol
Concen: 39.12 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:107 Resp: 544272
Ion Ratio Lower Upper
107 100
144 26.6 21.9 32.9
142 84.3 67.1 100.7





#37

2-Methylnaphthalene

Concen: 59.33 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF125642.D

Acq: 25 Sep 2021 2:30

Tgt Ion:142 Resp: 1934039

Ion Ratio Lower Upper

142 100

141 91.6 71.2 106.8

Instrument :

BNA_F

ClientSampleId :

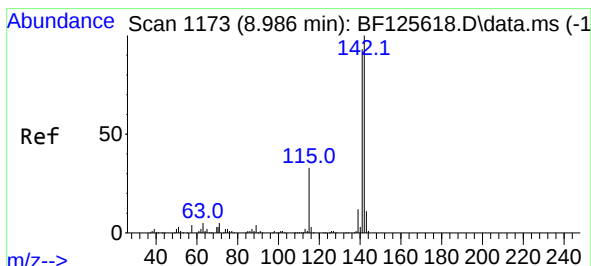
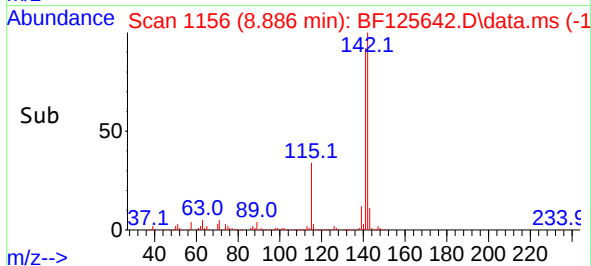
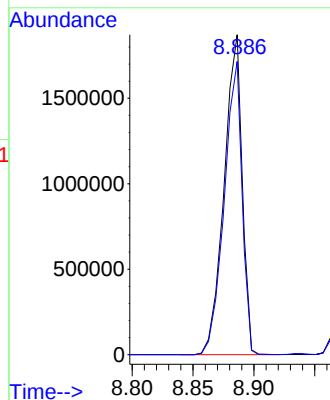
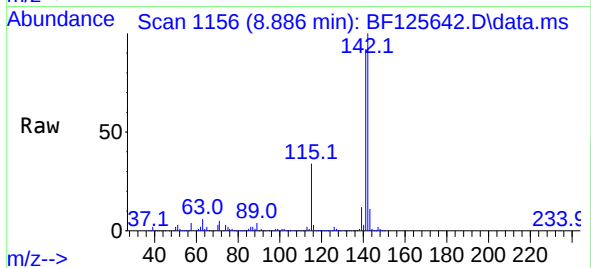
SP-LPA-01MSD

Manual Integrations

APPROVED

mohammad

9/27/2021 2:59:10 PM



#38

1-Methylnaphthalene

Concen: 61.19 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF125642.D

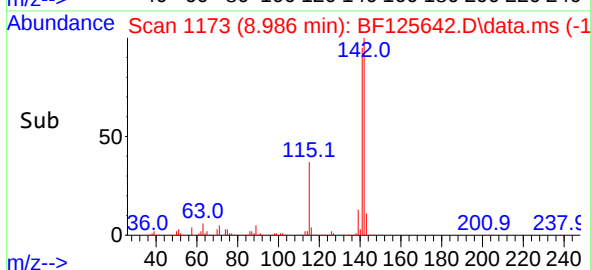
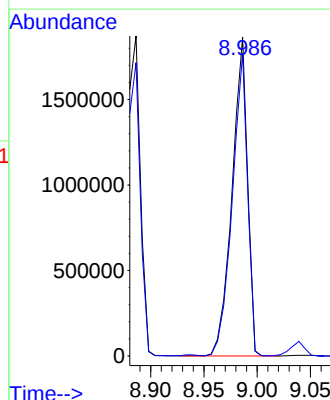
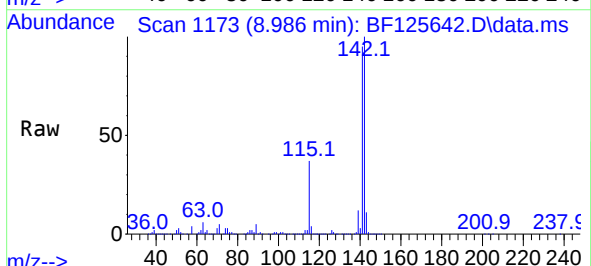
Acq: 25 Sep 2021 2:30

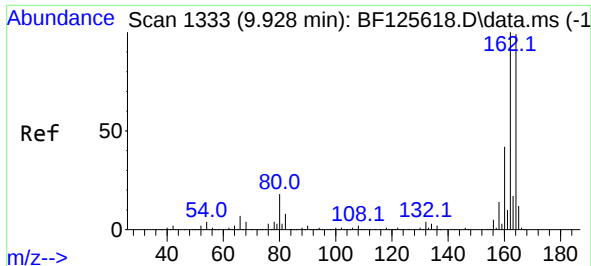
Tgt Ion:142 Resp: 1884927

Ion Ratio Lower Upper

142 100

141 95.0 76.0 114.0





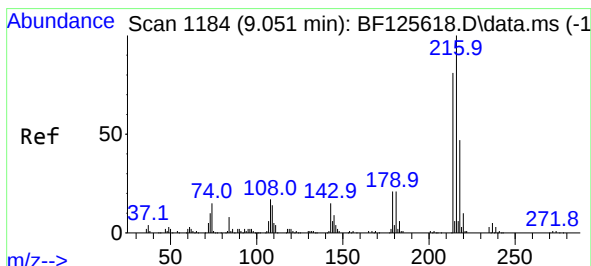
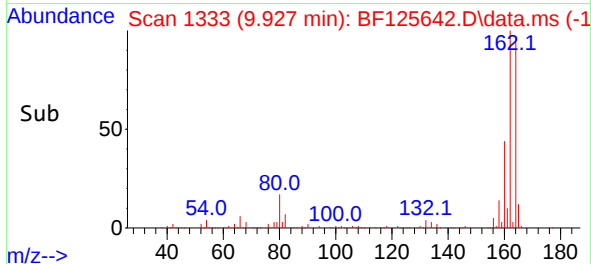
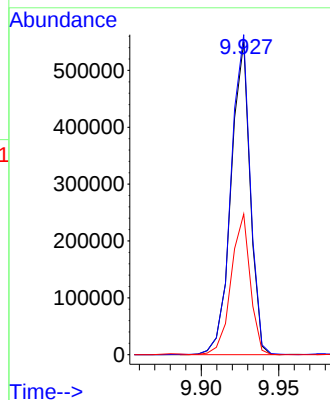
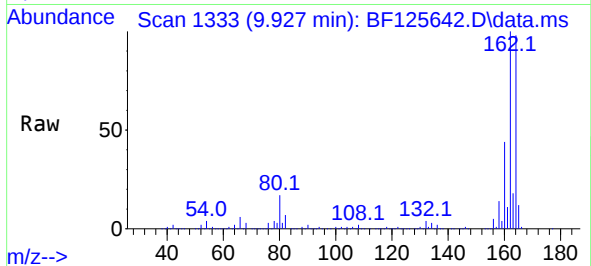
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:164 Resp: 473073
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.9 38.0 57.0

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

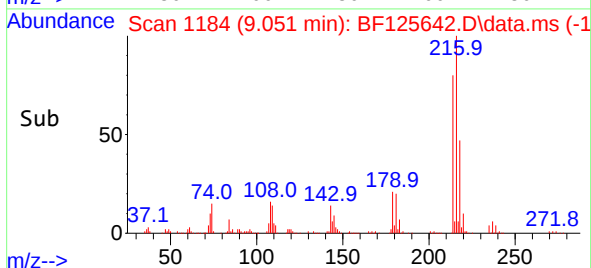
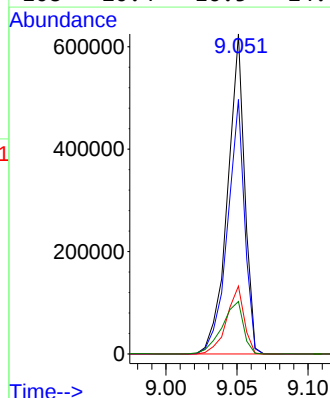
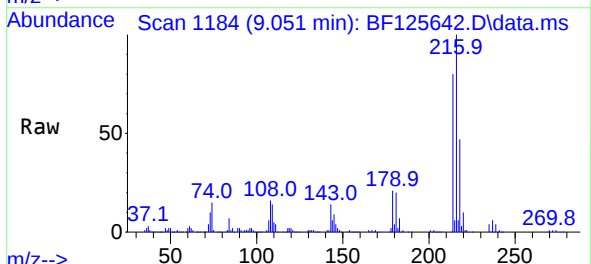
Manual Integrations
APPROVED

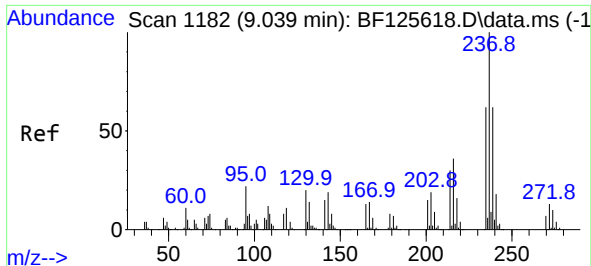
mohammad
9/27/2021 2:59:10 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.50 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:216 Resp: 522912
Ion Ratio Lower Upper
216 100
214 79.3 64.9 97.3
179 21.5 17.4 26.2
108 20.4 16.5 24.7





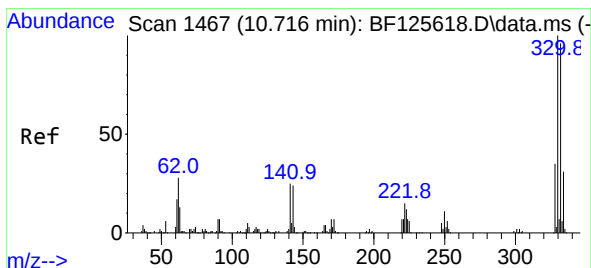
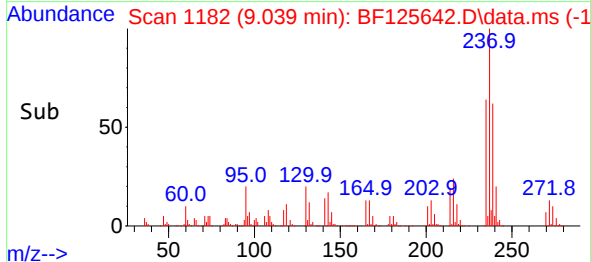
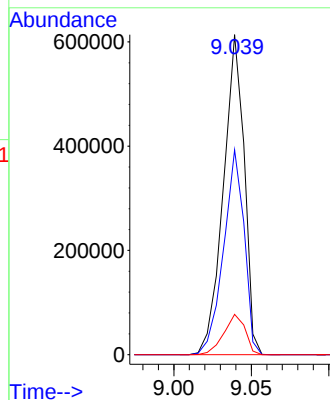
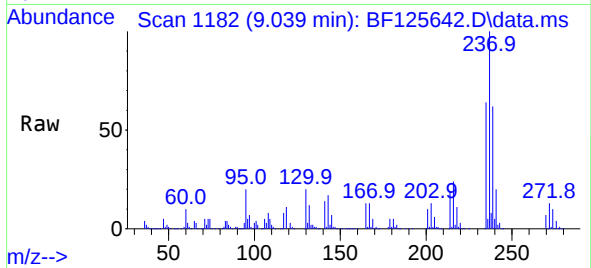
#41
Hexachlorocyclopentadiene
Concen: 110.60 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:237 Resp: 575743
Ion Ratio Lower Upper
237 100
235 64.0 44.7 84.7
272 12.6 0.0 31.6

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

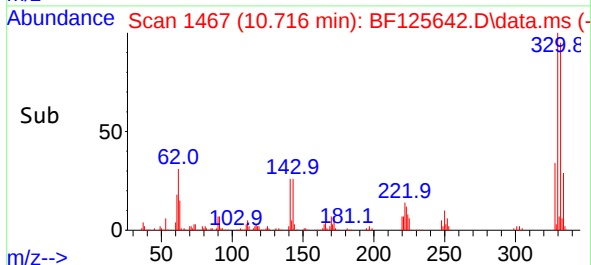
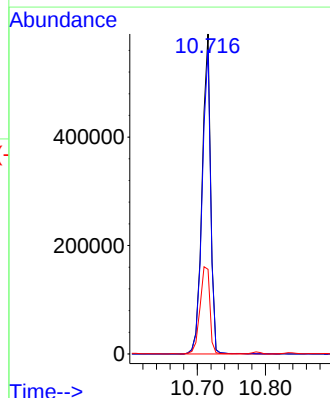
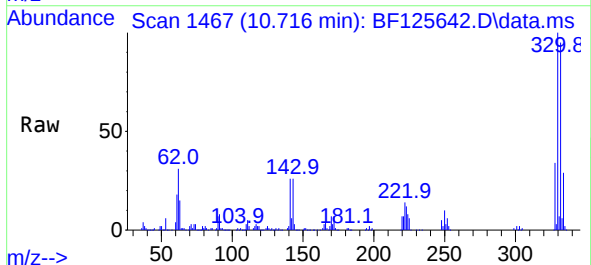
Manual Integrations
APPROVED

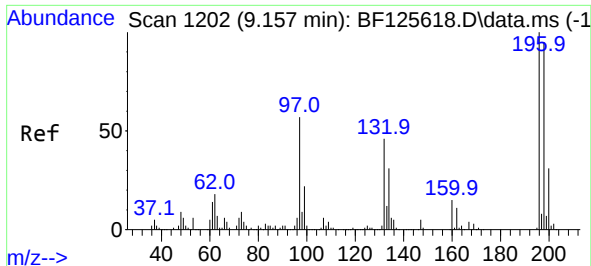
mohammad
9/27/2021 2:59:10 PM



#42
2,4,6-Tribromophenol
Concen: 115.81 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:330 Resp: 510810
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 31.6 44.6 66.8#





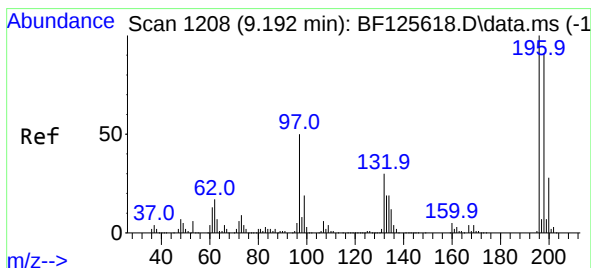
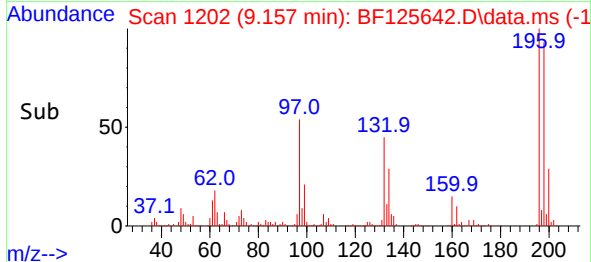
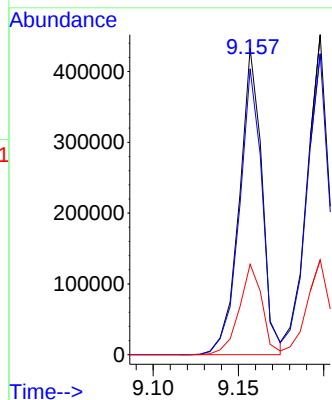
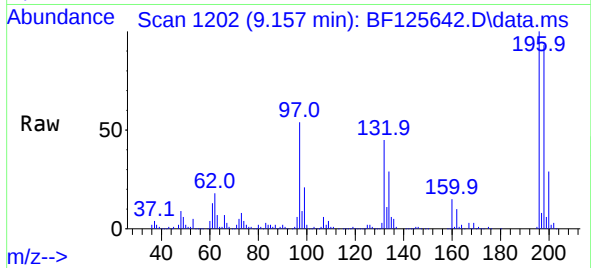
#43
2,4,6-Trichlorophenol
Concen: 46.16 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:196 Resp: 398244
Ion Ratio Lower Upper
196 100
198 93.2 74.9 112.3
200 29.5 27.0 40.4

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

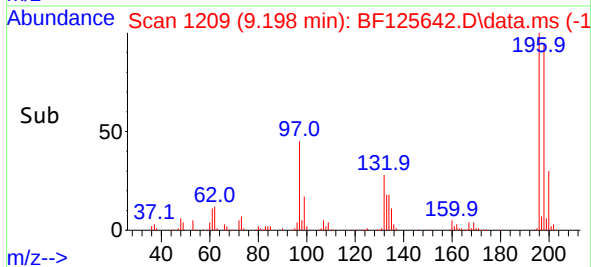
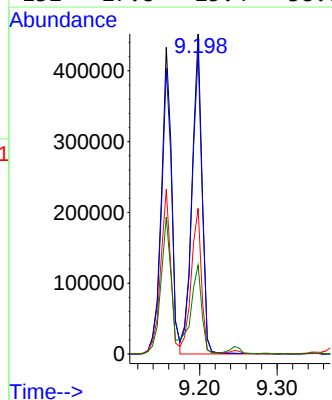
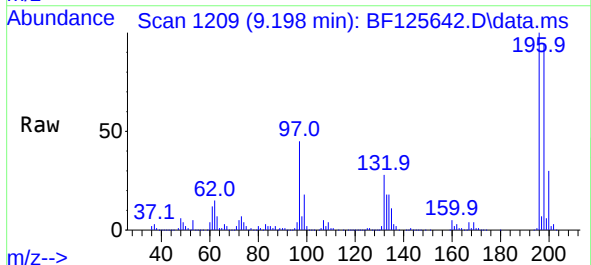
Manual Integrations
APPROVED

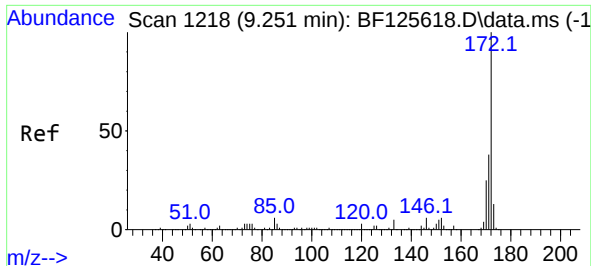
mohammad
9/27/2021 2:59:10 PM



#44
2,4,5-Trichlorophenol
Concen: 43.75 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:196 Resp: 407507
Ion Ratio Lower Upper
196 100
198 94.1 80.2 120.2
97 45.5 44.0 66.0
132 27.8 25.4 38.0





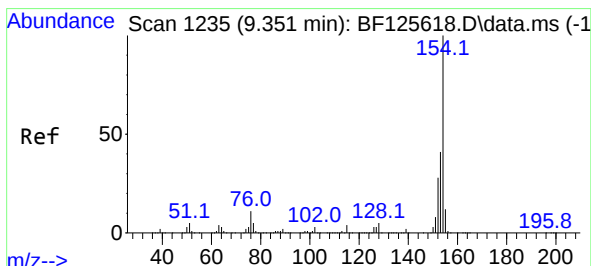
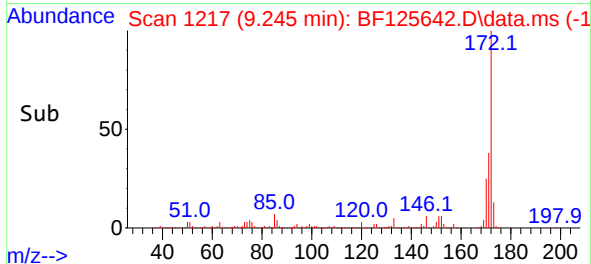
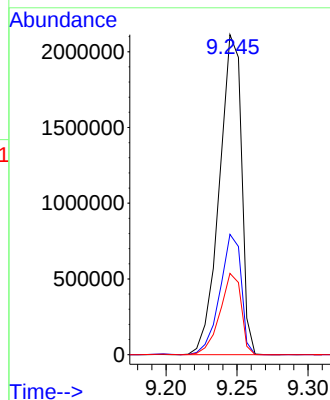
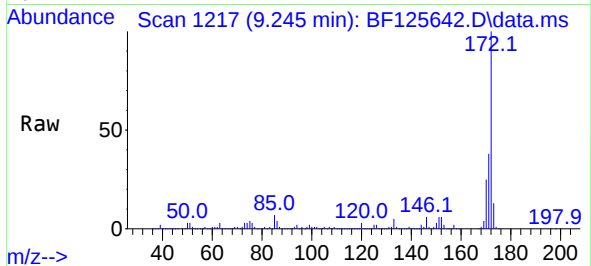
#45
2-Fluorobiphenyl
Concen: 87.07 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:172 Resp: 2283787
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 25.4 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

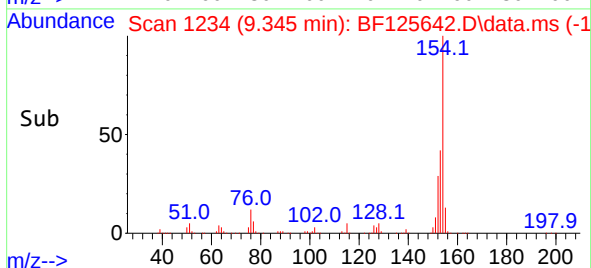
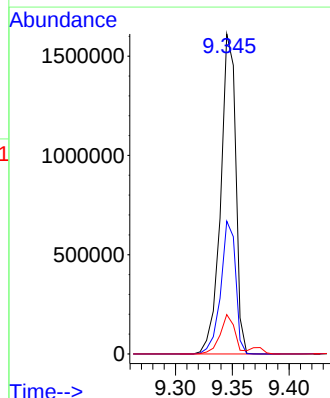
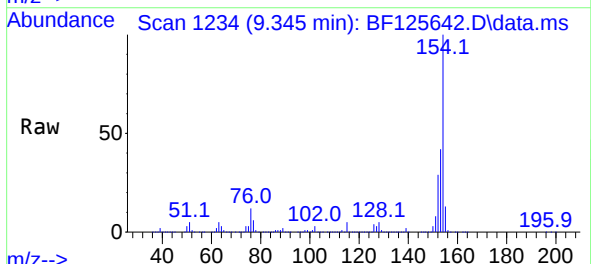
Manual Integrations
APPROVED

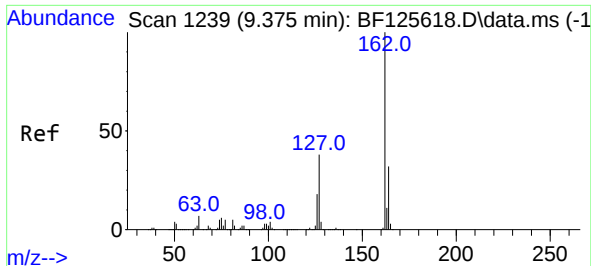
mohammad
9/27/2021 2:59:10 PM



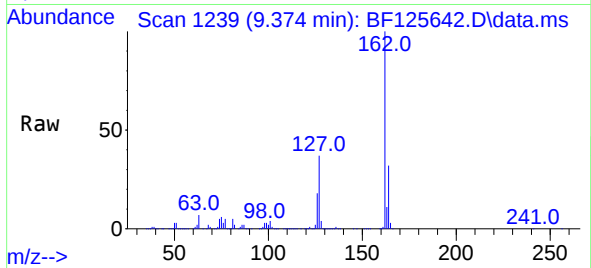
#46
1,1'-Biphenyl
Concen: 42.80 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:154 Resp: 1493036
Ion Ratio Lower Upper
154 100
153 41.5 20.0 60.0
76 12.3 0.0 30.3



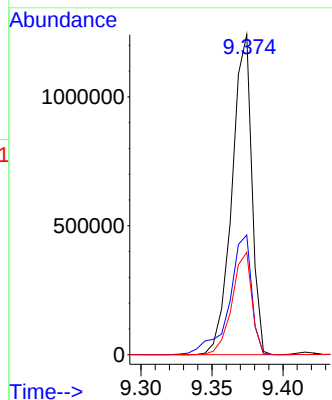


#47
2-Chloronaphthalene
Concen: 41.79 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion:162 Resp: 1206887

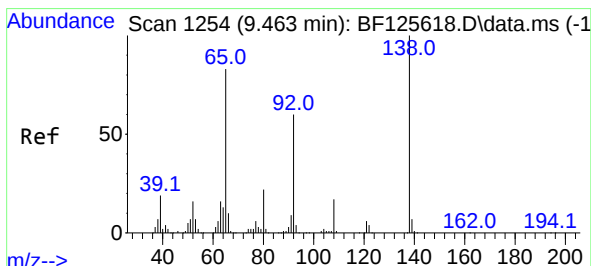
Ion	Ratio	Lower	Upper
162	100		
127	37.4	33.0	49.4
164	31.9	25.8	38.8



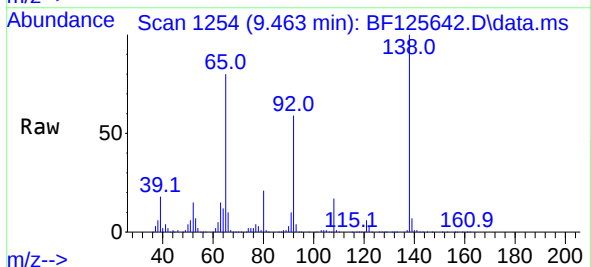
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM

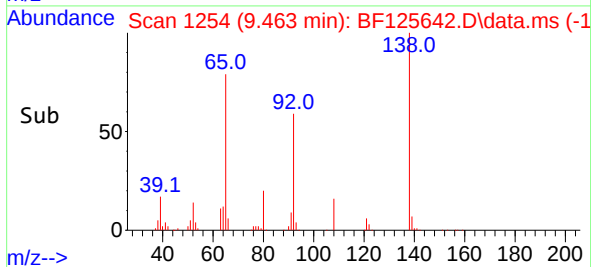
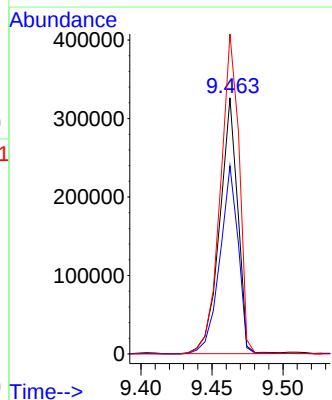


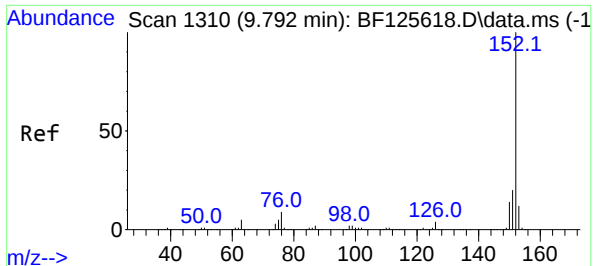
#48
2-Nitroaniline
Concen: 42.88 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion: 65 Resp: 288786

Ion	Ratio	Lower	Upper
65	100		
92	73.5	55.5	83.3
138	124.9	93.5	140.3





#49

Acenaphthylene

Concen: 41.41 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF125642.D

Acq: 25 Sep 2021 2:30

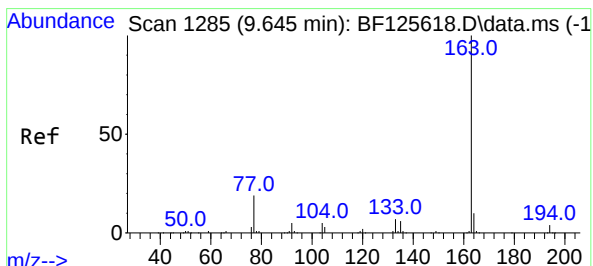
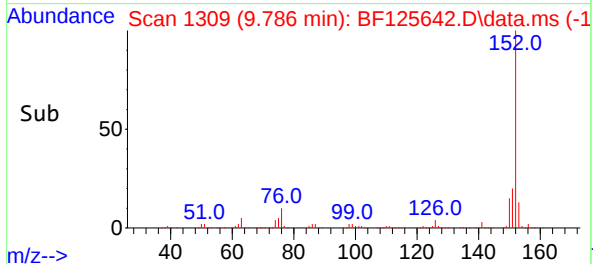
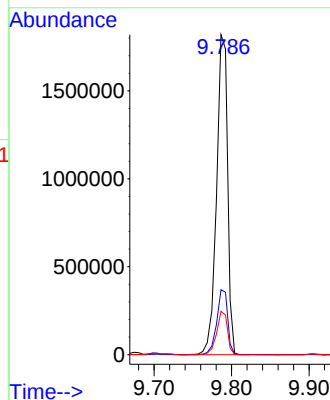
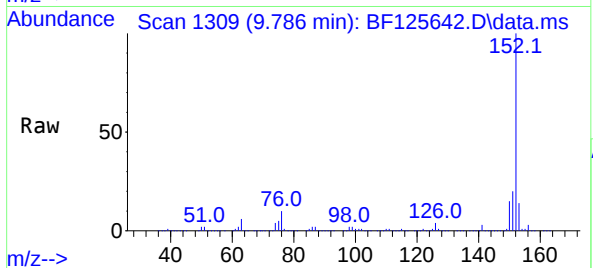
Tgt Ion:152 Resp: 1800463

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 13.6 9.8 14.8



#50

Dimethylphthalate

Concen: 43.25 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF125642.D

Acq: 25 Sep 2021 2:30

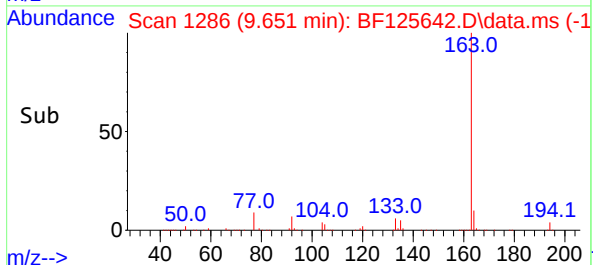
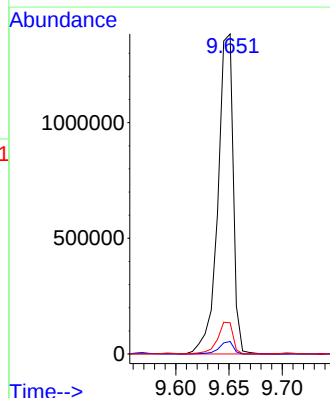
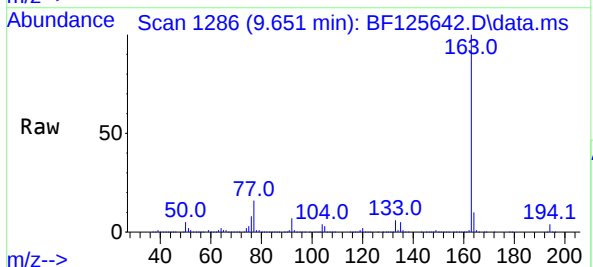
Tgt Ion:163 Resp: 1378205

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 9.8 7.4 11.0



Instrument :

BNA_F

ClientSampleId :

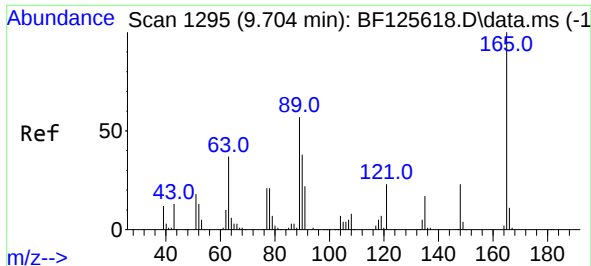
SP-LPA-01MSD

Manual Integrations

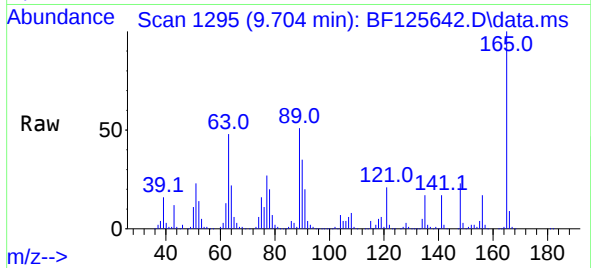
APPROVED

mohammad

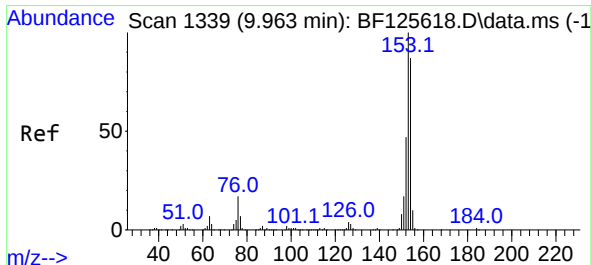
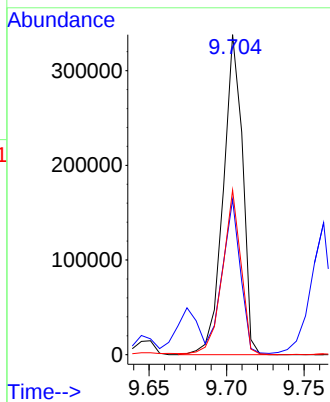
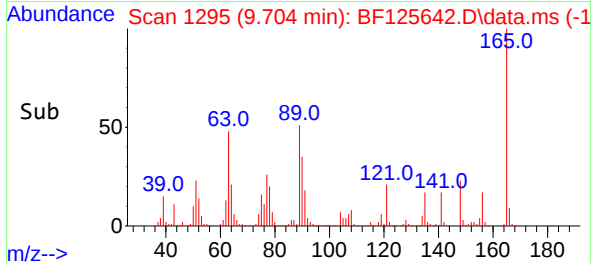
9/27/2021 2:59:10 PM



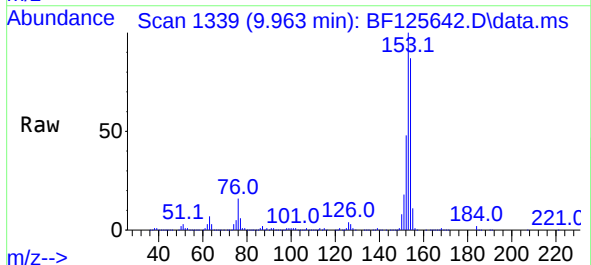
#51
2,6-Dinitrotoluene
Concen: 45.28 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



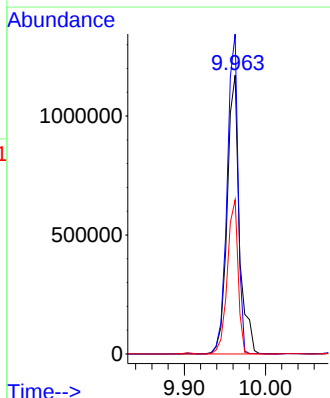
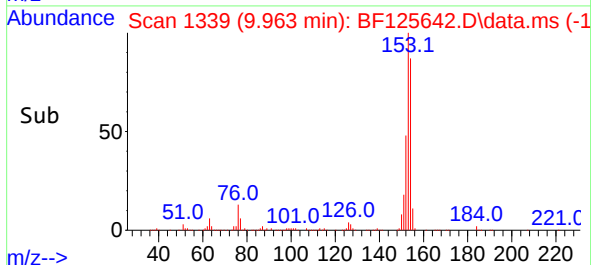
Tgt Ion:165 Resp: 292357
Ion Ratio Lower Upper
165 100
63 48.5 42.6 63.8
89 51.4 40.6 60.8



#52
Acenaphthene
Concen: 45.19 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



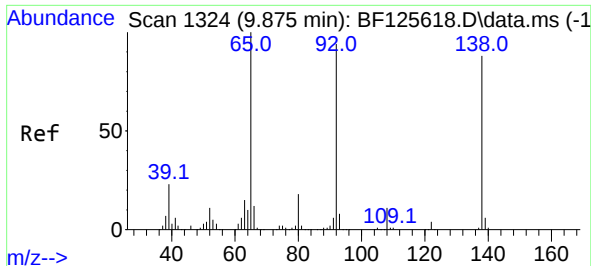
Tgt Ion:154 Resp: 1231846
Ion Ratio Lower Upper
154 100
153 114.8 89.4 134.2
152 55.3 40.5 60.7



Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



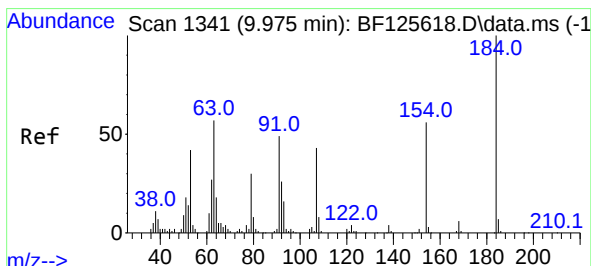
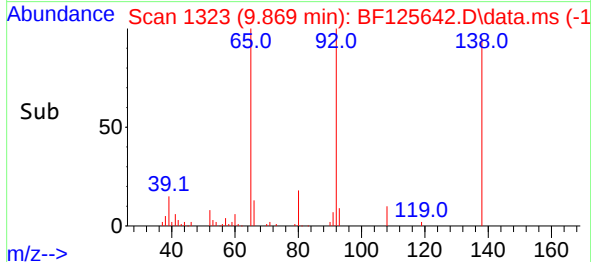
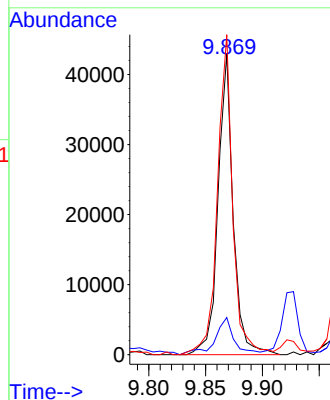
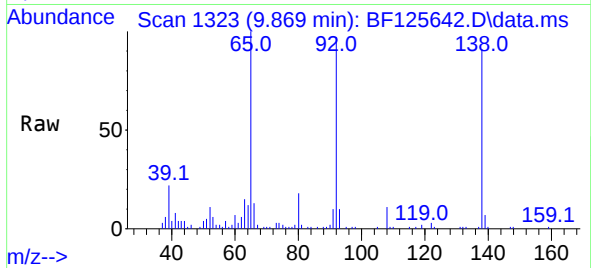
#53
3-Nitroaniline
Concen: 8.17 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:138 Resp: 39858
Ion Ratio Lower Upper
138 100
108 12.3 9.3 13.9
92 106.4 76.5 114.7

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

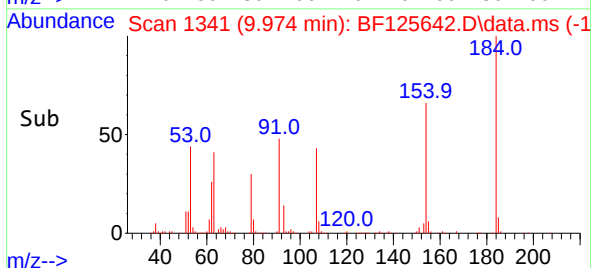
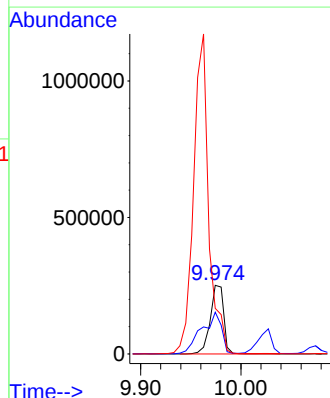
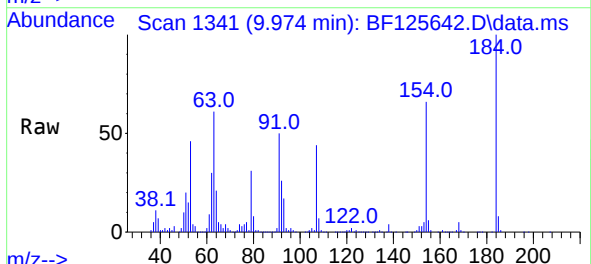
Manual Integrations
APPROVED

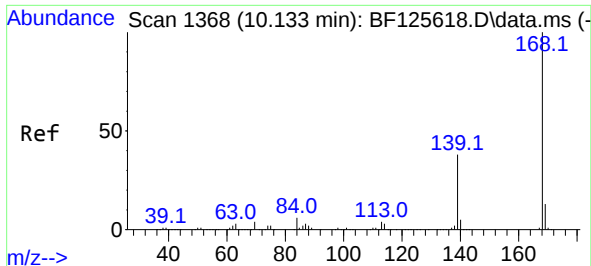
mohammad
9/27/2021 2:59:10 PM



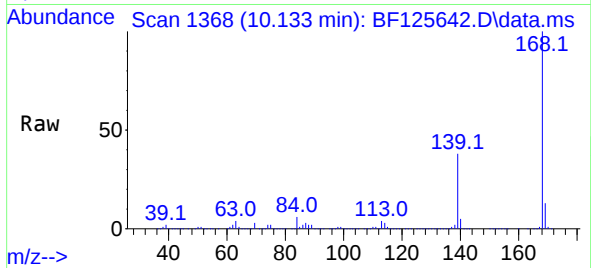
#54
2,4-Dinitrophenol
Concen: 78.36 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:184 Resp: 235208
Ion Ratio Lower Upper
184 100
63 60.8 59.3 88.9
154 66.4 68.6 102.8

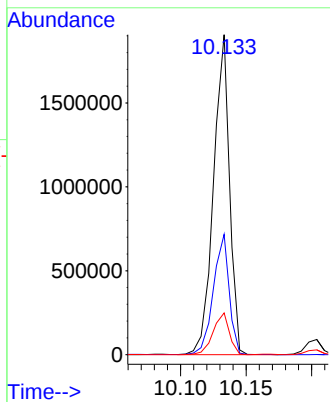
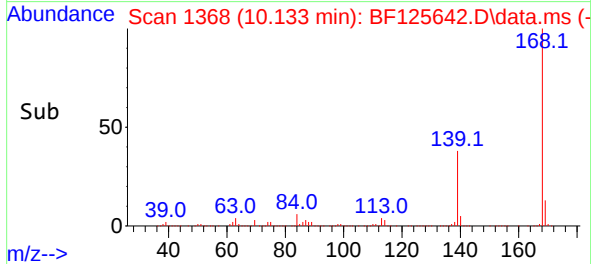




#55
Dibenzenofuran
Concen: 39.43 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



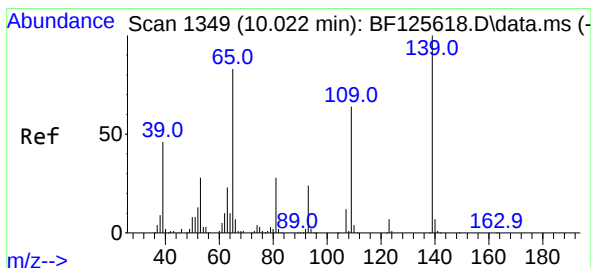
Tgt Ion:168 Resp: 1612478
Ion Ratio Lower Upper
168 100
139 37.6 32.7 49.1
169 13.1 11.2 16.8



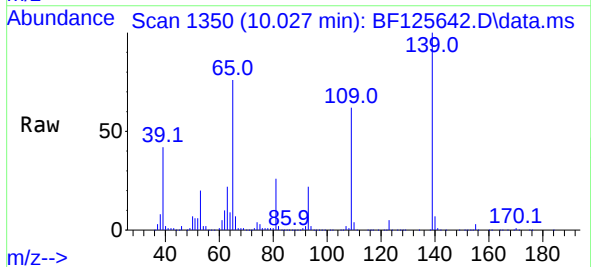
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

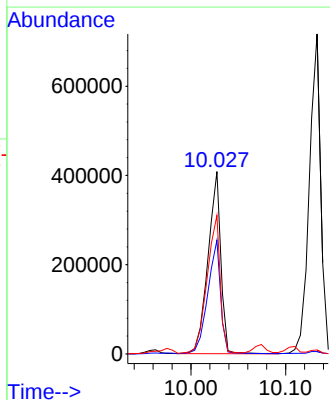
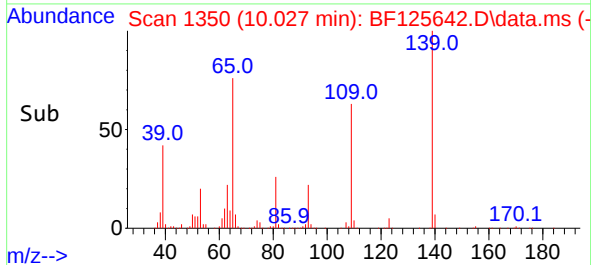
mohammad
9/27/2021 2:59:10 PM

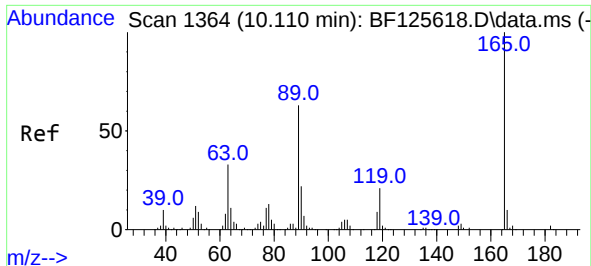


#56
4-Nitrophenol
Concen: 65.46 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



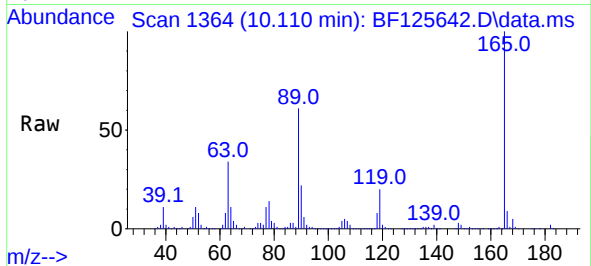
Tgt Ion:139 Resp: 384313
Ion Ratio Lower Upper
139 100
109 62.4 60.4 100.4
65 76.0 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 46.41 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

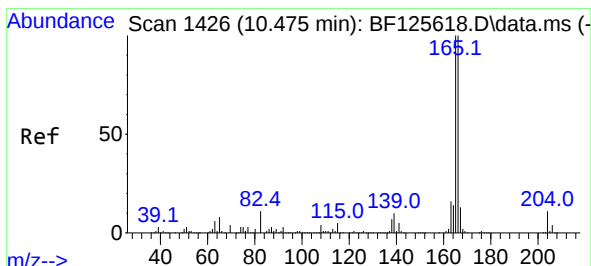
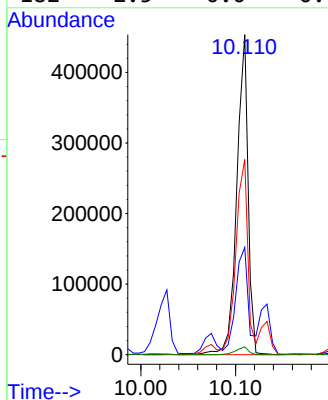
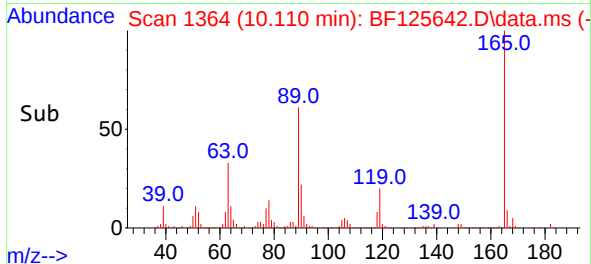
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



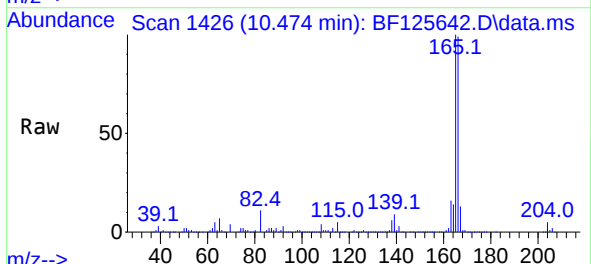
Tgt Ion:165 Resp: 374395
Ion Ratio Lower Upper
165 100
63 33.5 40.9 61.3#
89 61.0 59.7 89.5
182 2.5 0.0 0.0#

Manual Integrations
APPROVED

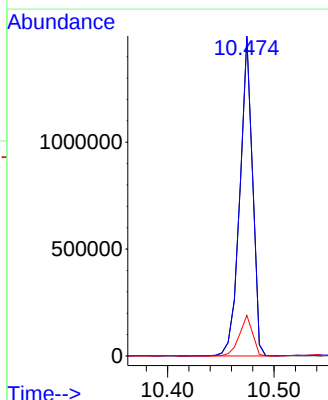
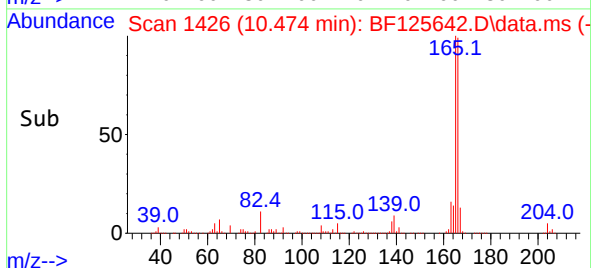
mohammad
9/27/2021 2:59:10 PM

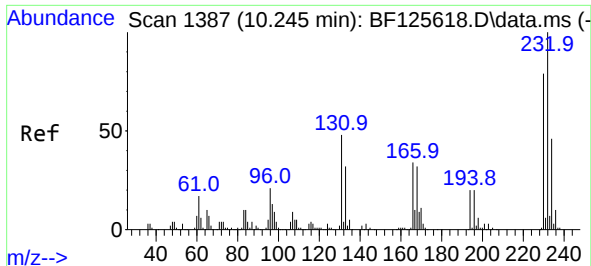


#58
Fluorene
Concen: 38.90 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion:166 Resp: 1238198
Ion Ratio Lower Upper
166 100
165 100.6 78.1 117.1
167 12.8 11.1 16.7





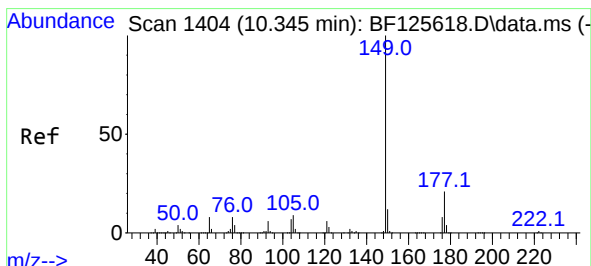
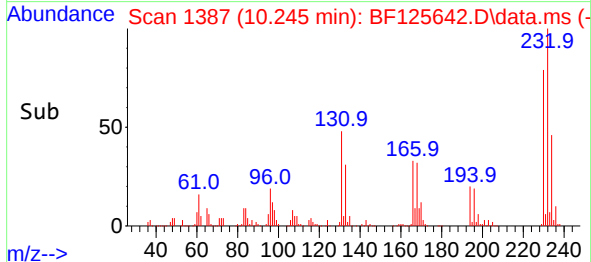
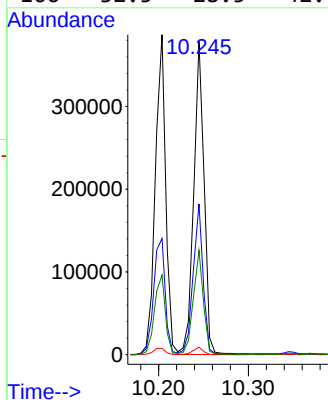
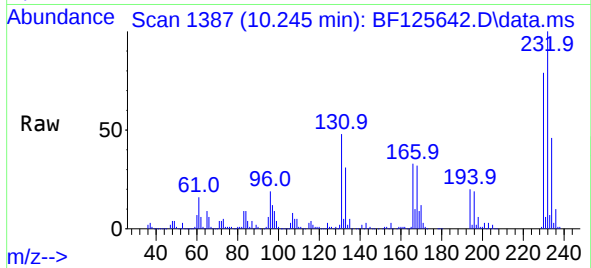
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.38 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:232 Resp: 303849
Ion Ratio Lower Upper
232 100
131 46.2 45.4 68.0
130 2.4 0.0 0.0#
166 32.5 28.5 42.7

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

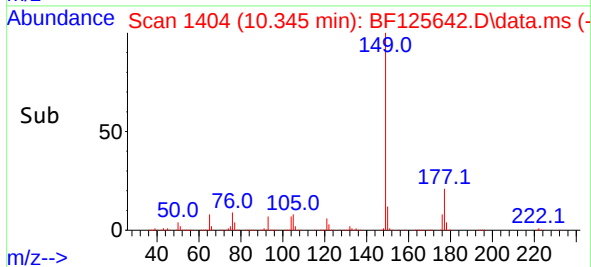
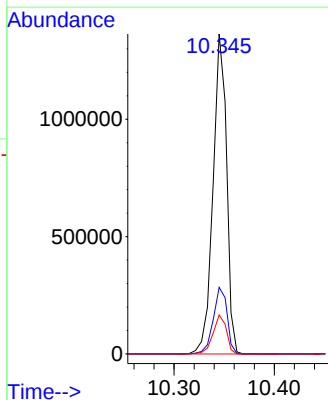
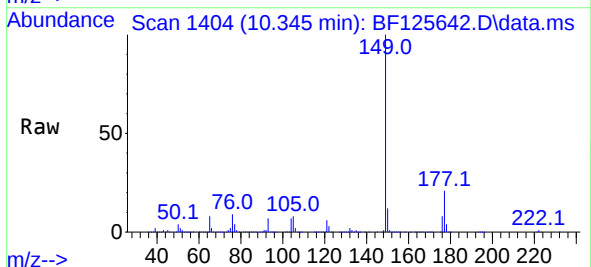
Manual Integrations
APPROVED

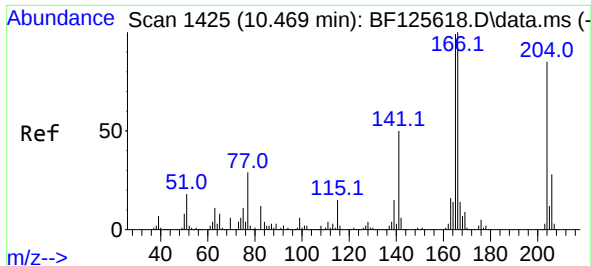
mohammad
9/27/2021 2:59:10 PM



#60
Diethylphthalate
Concen: 41.66 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:149 Resp: 1280047
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 12.2 10.1 15.1





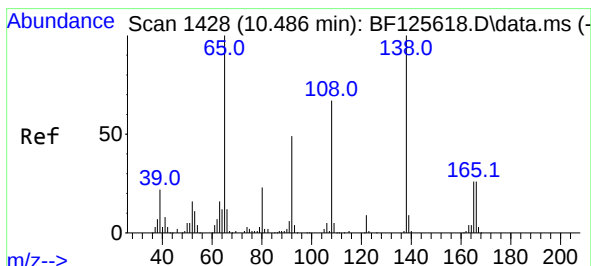
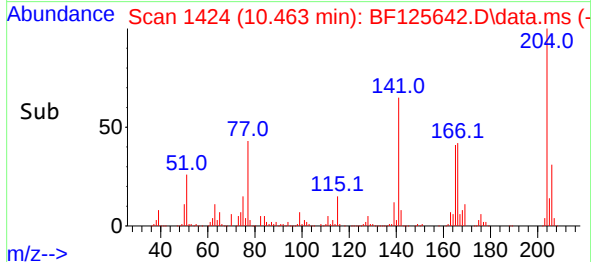
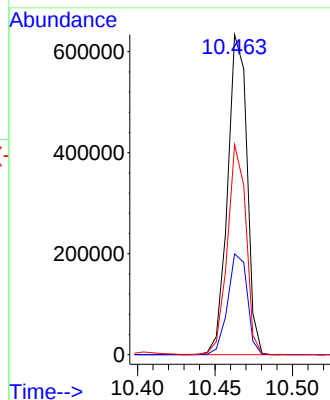
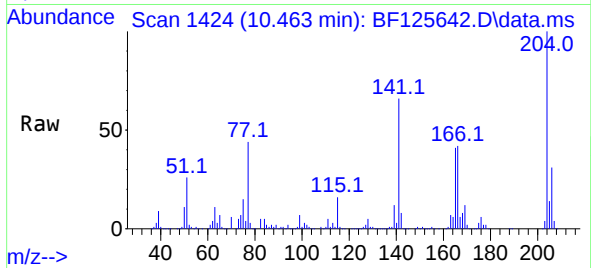
#61
4-Chlorophenyl-phenylether
Concen: 39.04 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampled :
SP-LPA-01MSD

Tgt Ion:204 Resp: 552416
Ion Ratio Lower Upper
204 100
206 31.5 27.6 41.4
141 65.6 58.6 88.0

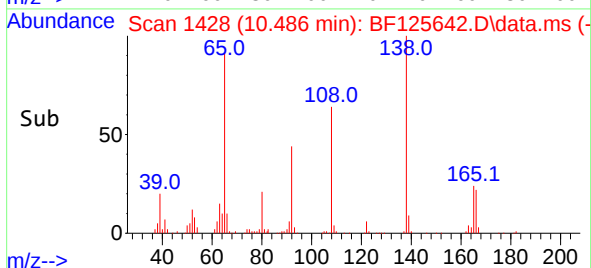
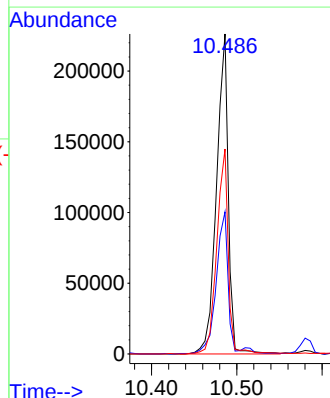
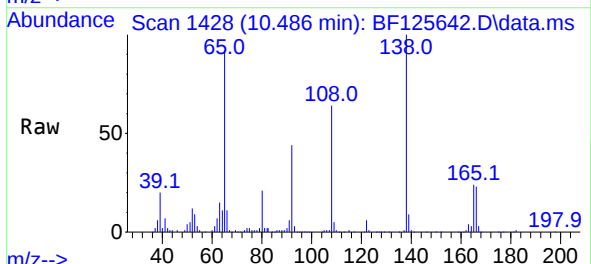
Manual Integrations
APPROVED

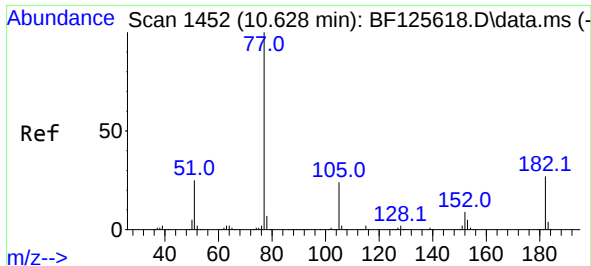
mohammad
9/27/2021 2:59:10 PM



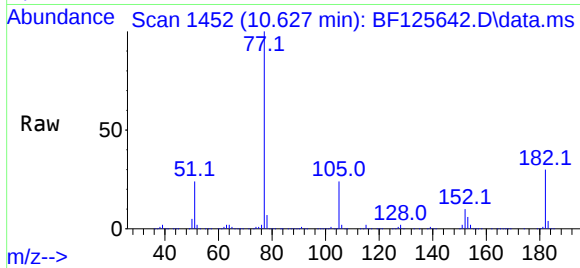
#62
4-Nitroaniline
Concen: 30.62 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:138 Resp: 217116
Ion Ratio Lower Upper
138 100
92 44.4 29.6 69.6
108 64.1 78.1 118.1#



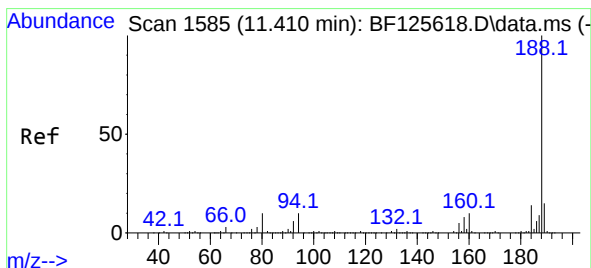
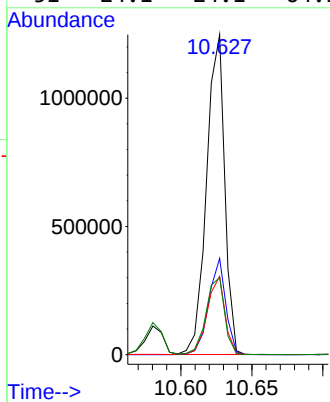
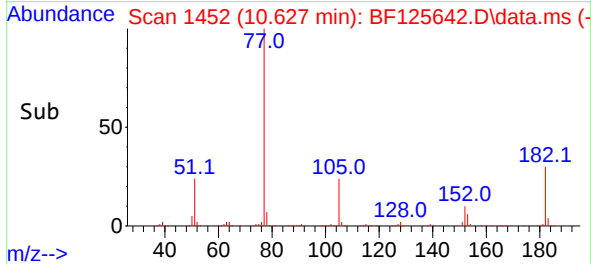


#63
Azobenzene
Concen: 37.43 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

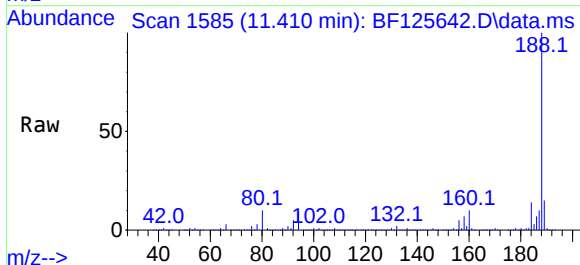


Tgt Ion: 77 Resp: 1110350

Ion	Ratio	Lower	Upper
77	100		
182	30.1	6.3	46.3
105	24.5	2.9	42.9
51	24.1	24.1	64.1

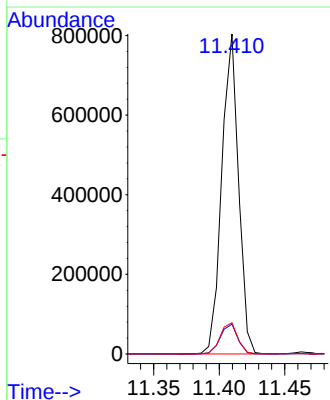
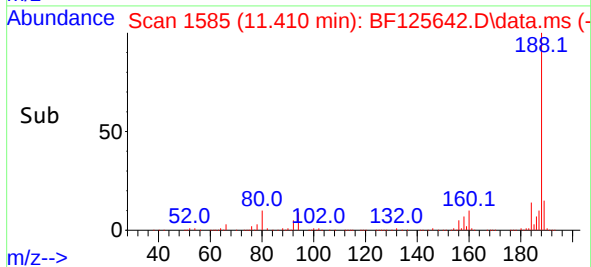


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion: 188 Resp: 712904

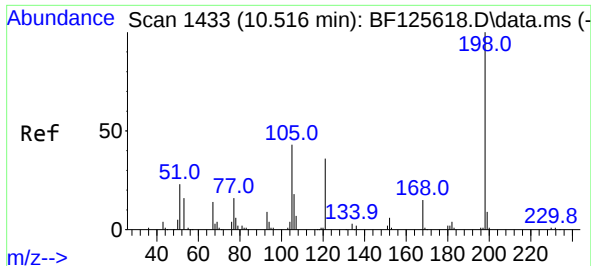
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	9.7	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



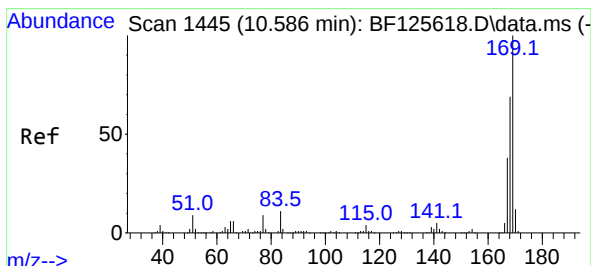
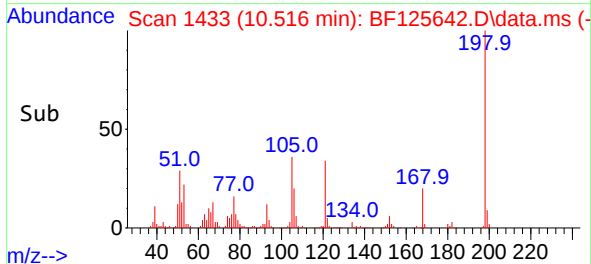
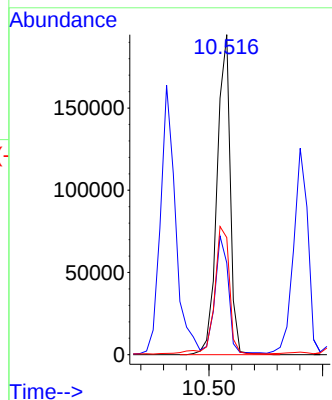
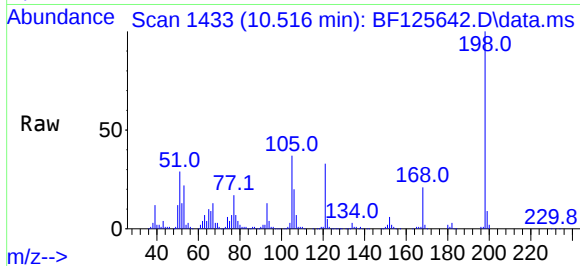
#65
4,6-Dinitro-2-methylphenol
Concen: 45.73 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Tgt Ion:198 Resp: 156841
Ion Ratio Lower Upper
198 100
51 28.7 45.3 85.3#
105 36.6 30.6 70.6

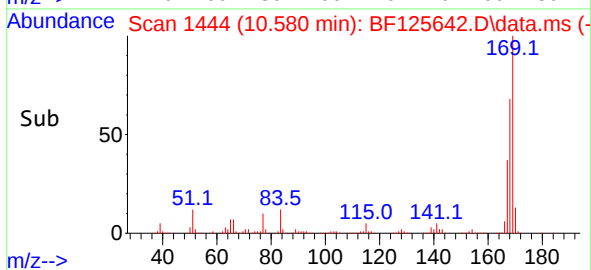
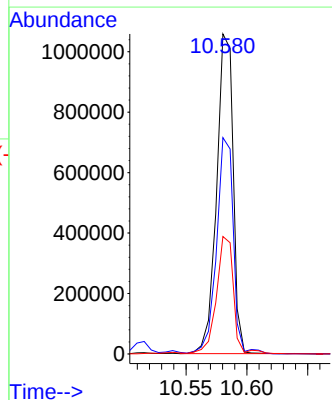
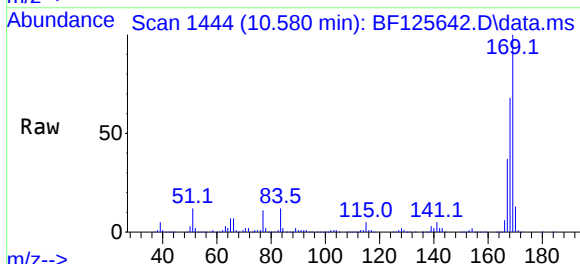
Manual Integrations
APPROVED

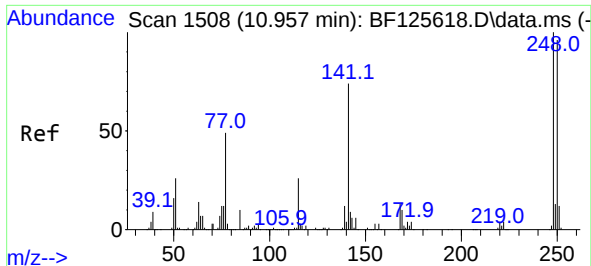
mohammad
9/27/2021 2:59:10 PM



#66
n-Nitrosodiphenylamine
Concen: 40.84 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:169 Resp: 999520
Ion Ratio Lower Upper
169 100
168 67.6 50.8 76.2
167 36.7 28.8 43.2





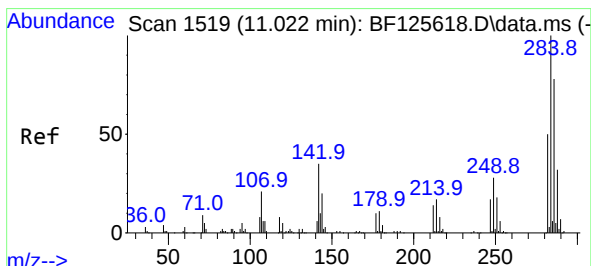
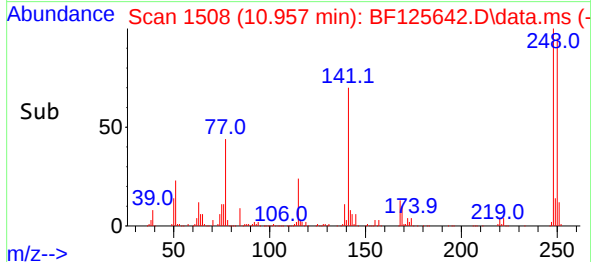
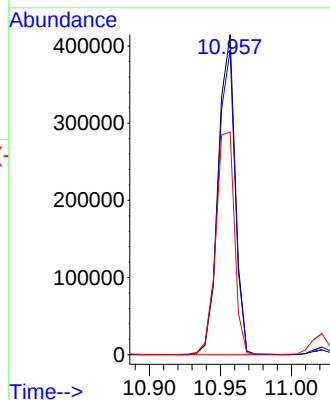
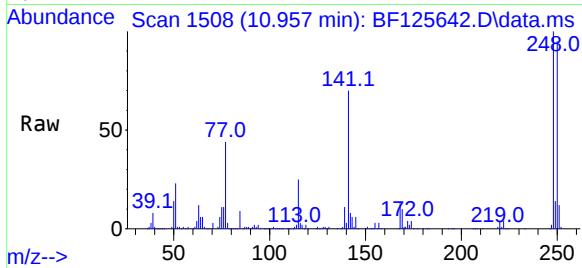
#67
4-Bromophenyl-phenylether
Concen: 46.17 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Tgt Ion:248 Resp: 345403
Ion Ratio Lower Upper
248 100
250 95.2 74.2 111.4
141 69.6 60.4 90.6

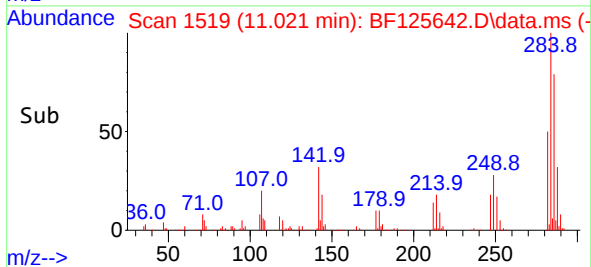
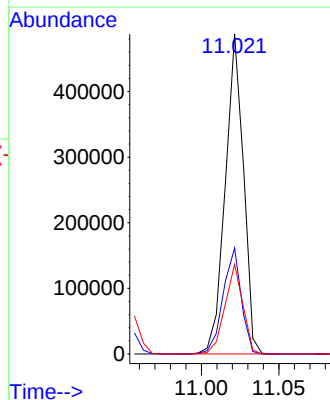
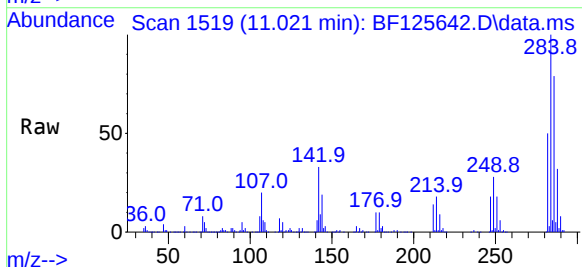
Manual Integrations
APPROVED

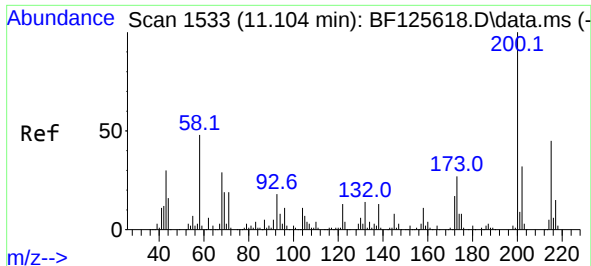
mohammad
9/27/2021 2:59:10 PM



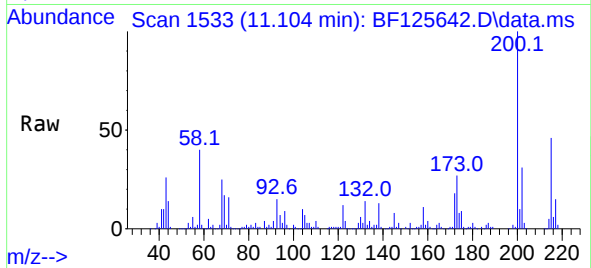
#68
Hexachlorobenzene
Concen: 45.26 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:284 Resp: 397454
Ion Ratio Lower Upper
284 100
142 33.1 36.4 54.6#
249 28.1 25.6 38.4

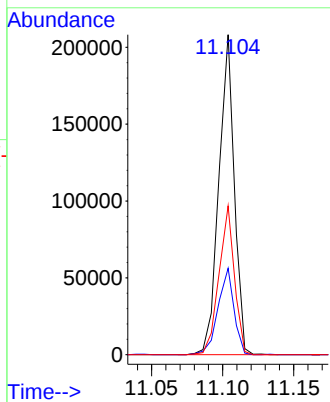
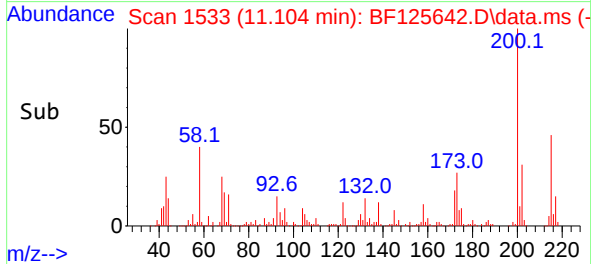




#69
Atrazine
Concen: 24.25 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



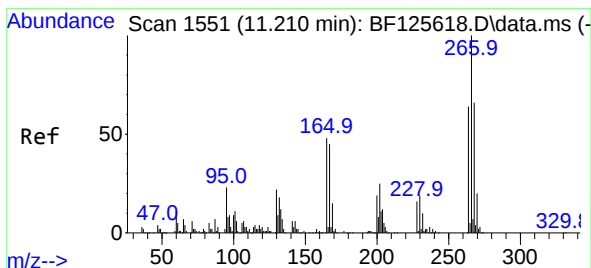
Tgt Ion:200 Resp: 157384
Ion Ratio Lower Upper
200 100
173 27.0 11.1 51.1
215 46.5 22.7 62.7



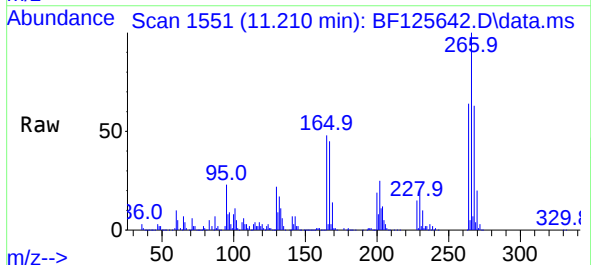
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

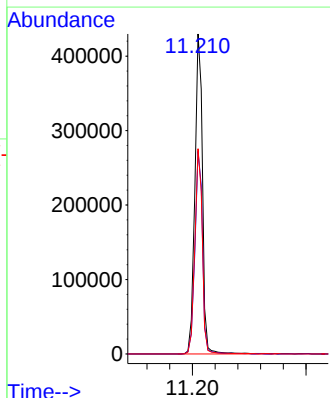
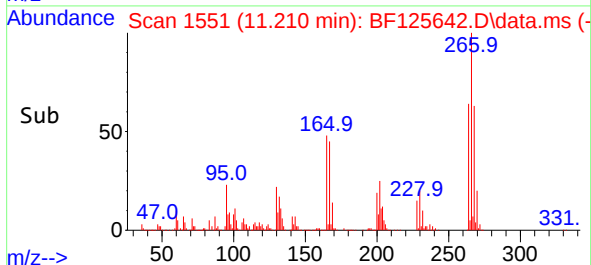
mohammad
9/27/2021 2:59:10 PM

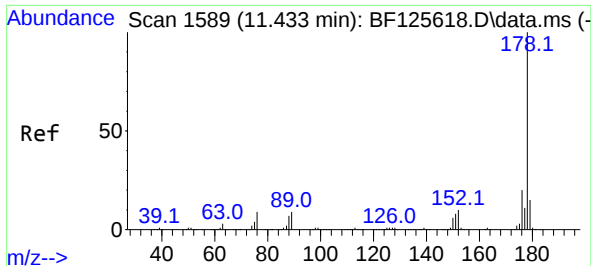


#70
Pentachlorophenol
Concen: 86.68 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



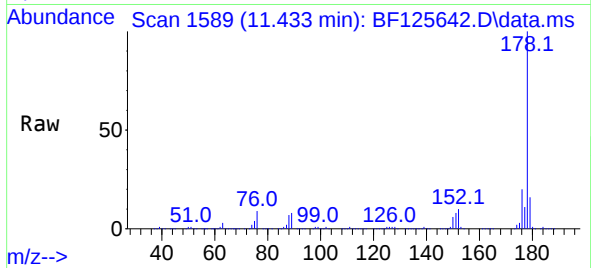
Tgt Ion:266 Resp: 402285
Ion Ratio Lower Upper
266 100
268 63.4 48.9 73.3
264 64.2 55.9 83.9





#71
Phenanthrene
Concen: 43.01 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

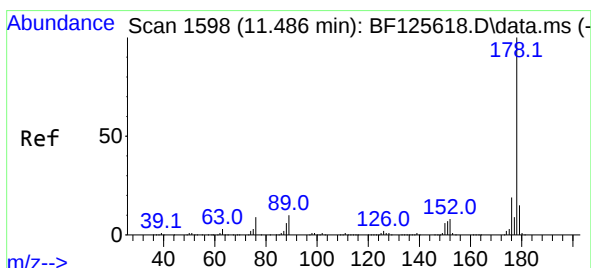
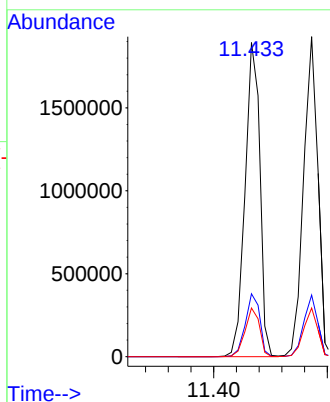
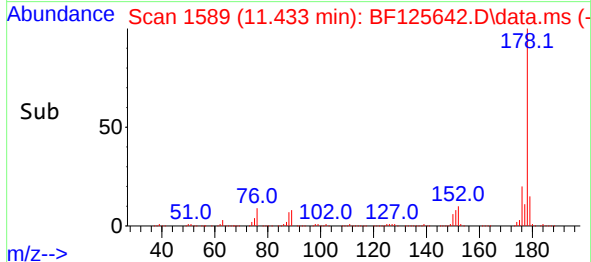
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



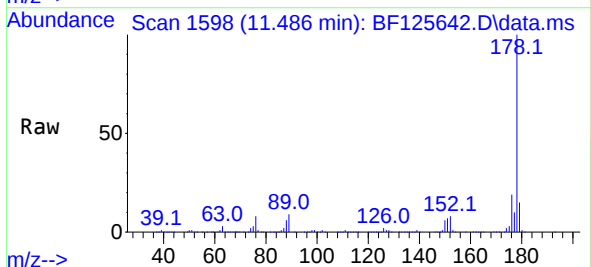
Tgt Ion:178 Resp: 1719235
Ion Ratio Lower Upper
178 100
176 20.0 14.7 22.1
179 15.5 11.5 17.3

Manual Integrations
APPROVED

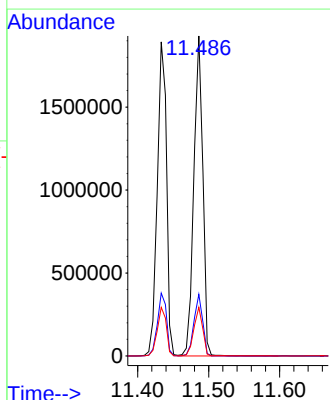
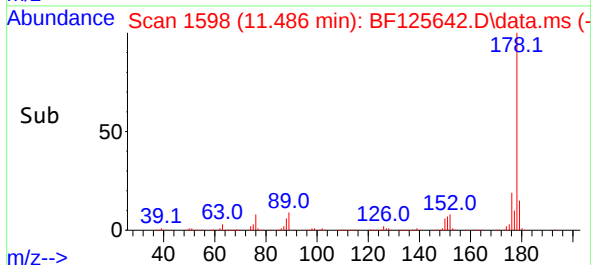
mohammad
9/27/2021 2:59:10 PM

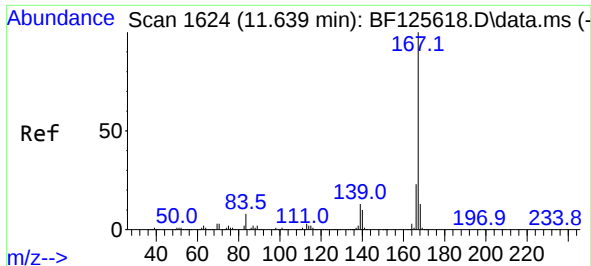


#72
Anthracene
Concen: 43.15 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



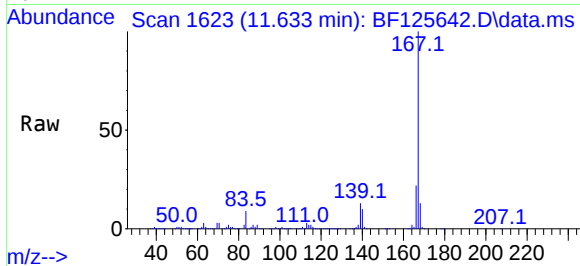
Tgt Ion:178 Resp: 1704646
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 34.07 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF125642.D
 Acq: 25 Sep 2021 2:30

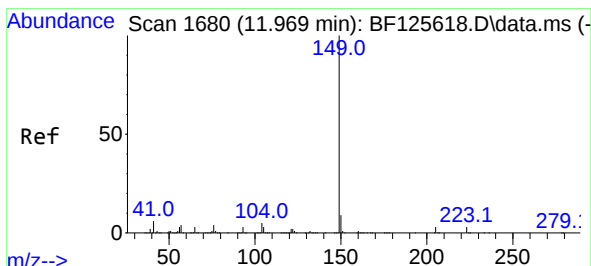
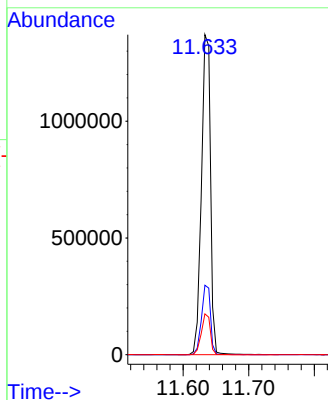
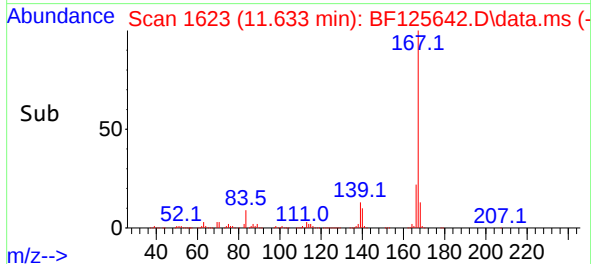
Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01MSD



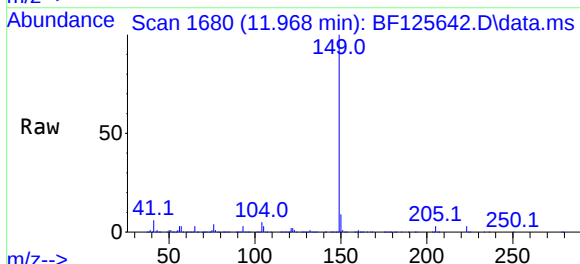
Tgt Ion:167 Resp: 1324364
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.7 11.0 16.4

Manual Integrations
 APPROVED

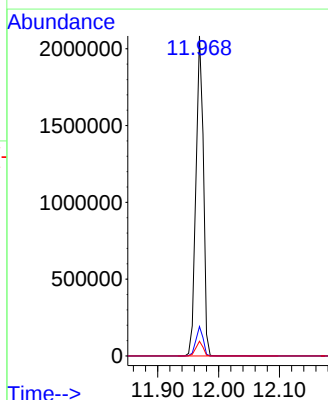
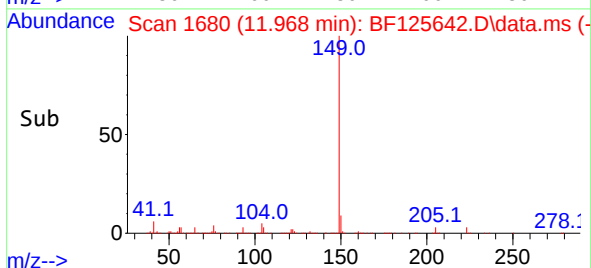
mohammad
 9/27/2021 2:59:10 PM

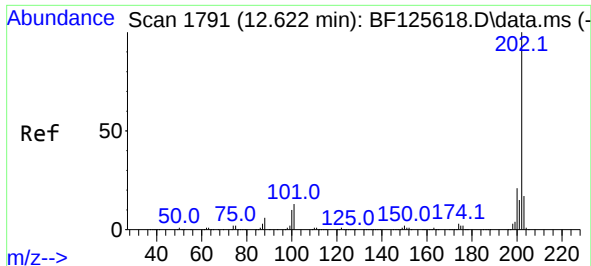


#74
 Di-n-butylphthalate
 Concen: 45.09 ng
 RT: 11.968 min Scan# 1680
 Delta R.T. -0.001 min
 Lab File: BF125642.D
 Acq: 25 Sep 2021 2:30



Tgt Ion:149 Resp: 1767427
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 4.1 6.1





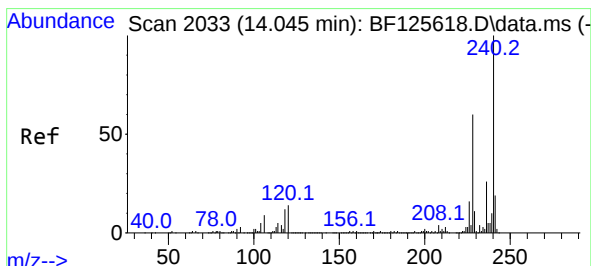
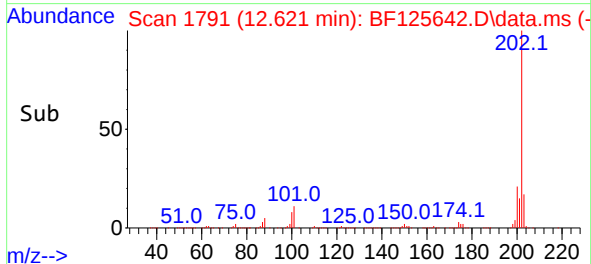
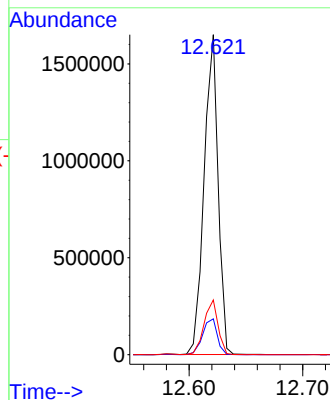
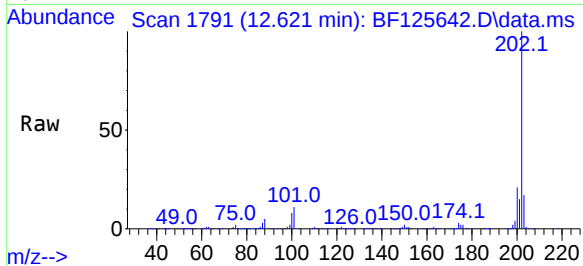
#75
Fluoranthene
Concen: 33.06 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:202 Resp: 1412410
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.1 0.0 36.3

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

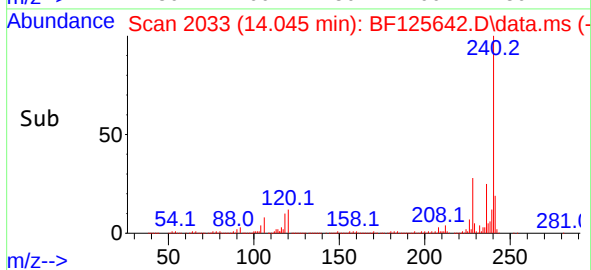
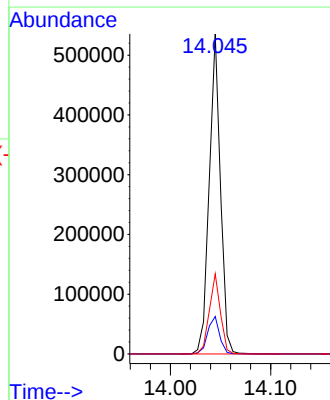
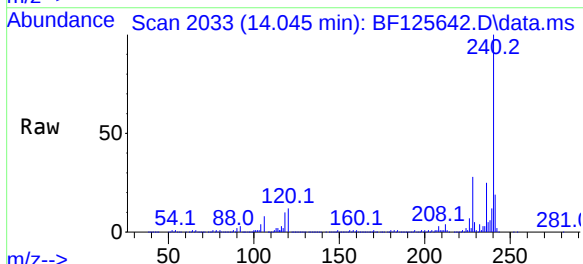
Manual Integrations
APPROVED

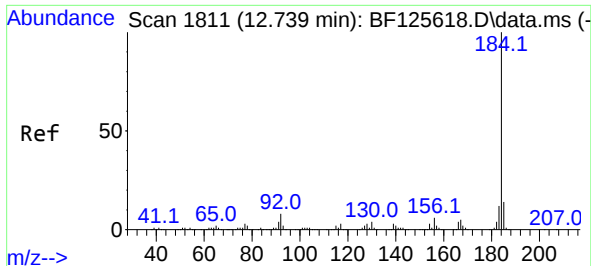
mohammad
9/27/2021 2:59:10 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

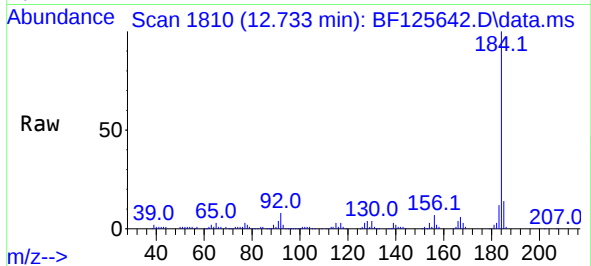
Tgt Ion:240 Resp: 418019
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 25.1 21.6 32.4





#77
Benzidine
Concen: 13.79 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

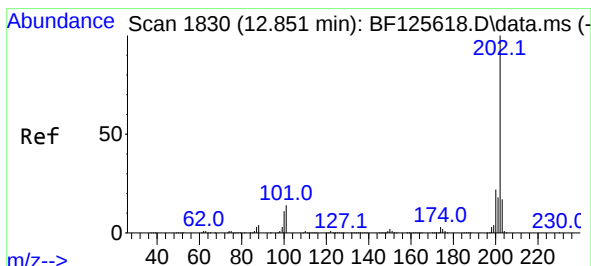
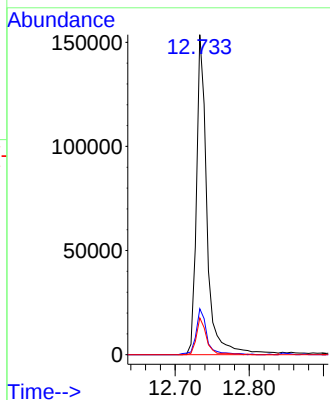
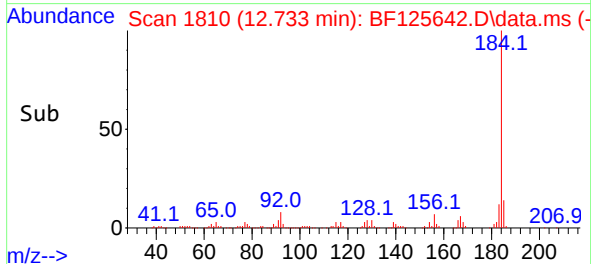
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



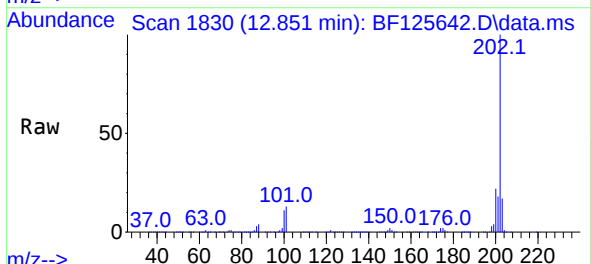
Tgt Ion:184 Resp: 151407
Ion Ratio Lower Upper
184 100
185 14.3 10.8 16.2
183 11.5 8.1 12.1

Manual Integrations
APPROVED

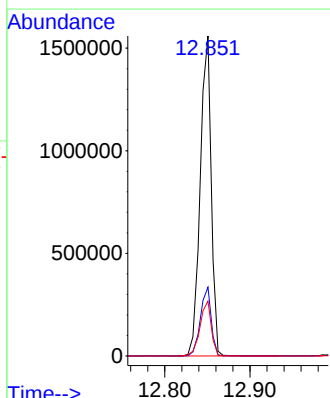
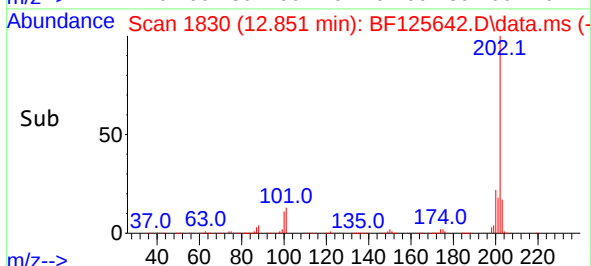
mohammad
9/27/2021 2:59:10 PM

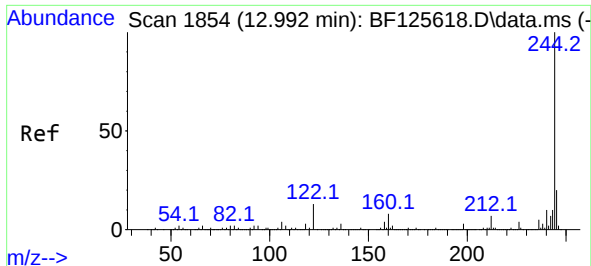


#78
Pyrene
Concen: 37.09 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



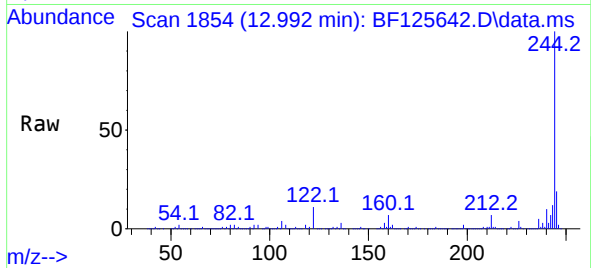
Tgt Ion:202 Resp: 1401158
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 17.1 13.4 20.0





#79
 Terphenyl-d14
 Concen: 63.98 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125642.D
 Acq: 25 Sep 2021 2:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01MSD

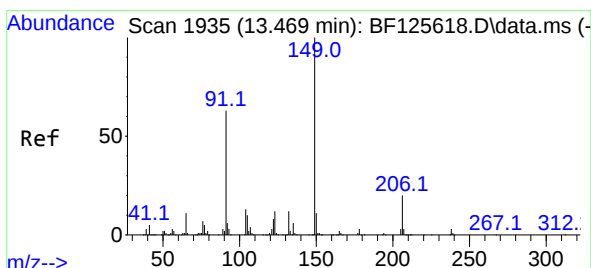
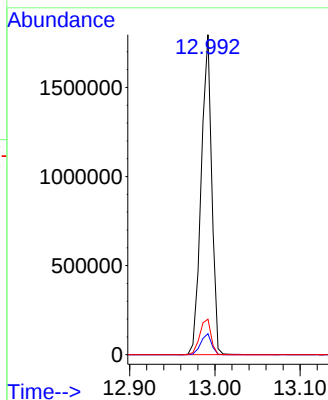
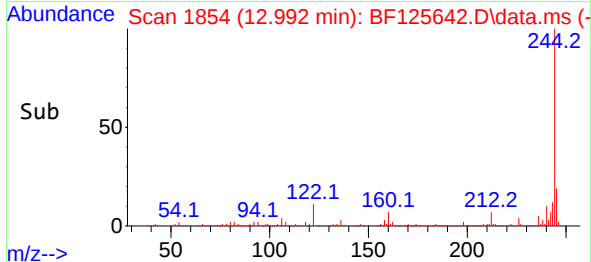


Tgt Ion:244 Resp: 1544422

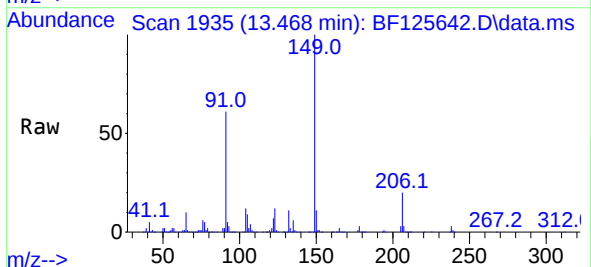
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	11.1	9.0	13.4

Manual Integrations
 APPROVED

mohammad
 9/27/2021 2:59:10 PM

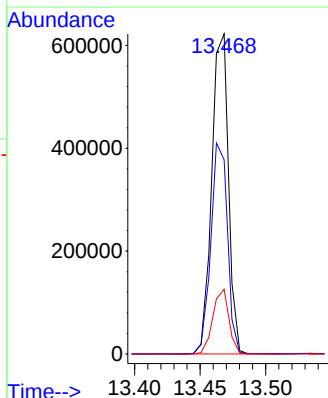
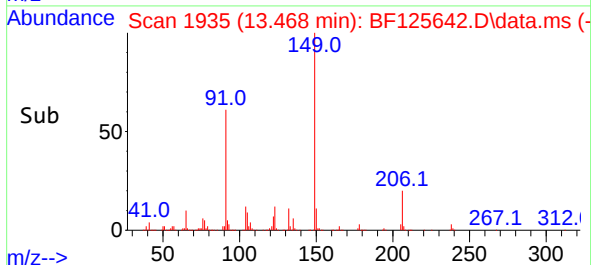


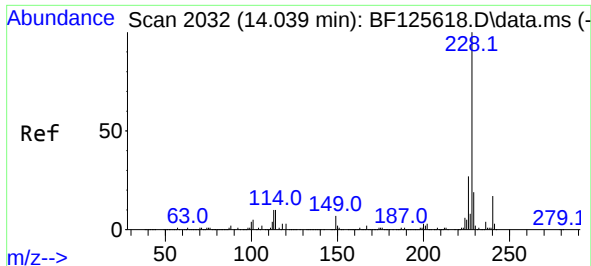
#80
 Butylbenzylphthalate
 Concen: 44.18 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.001 min
 Lab File: BF125642.D
 Acq: 25 Sep 2021 2:30



Tgt Ion:149 Resp: 552743

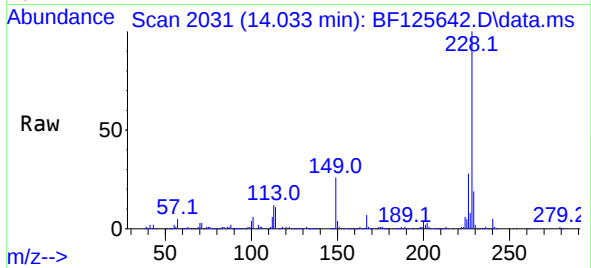
Ion	Ratio	Lower	Upper
149	100		
91	60.7	51.8	77.8
206	20.2	14.5	21.7





#81
Benzo(a)anthracene
Concen: 39.08 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

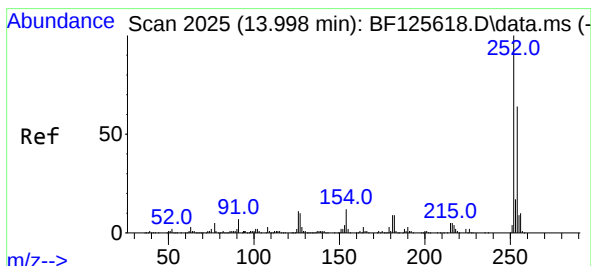
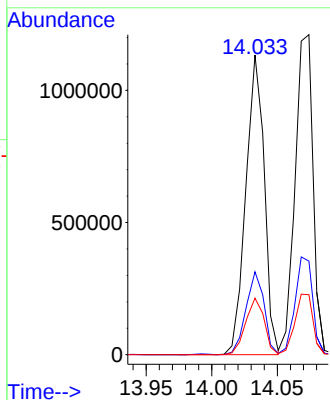
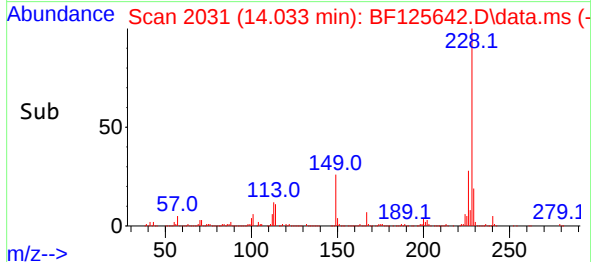
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



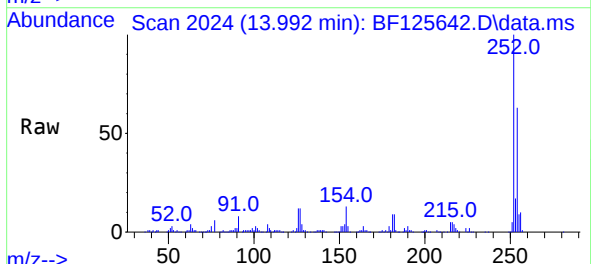
Tgt Ion:228 Resp: 1109649
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 18.9 15.6 23.4

Manual Integrations
APPROVED

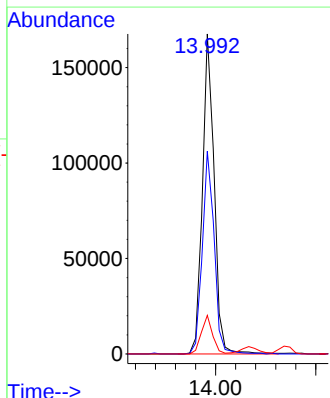
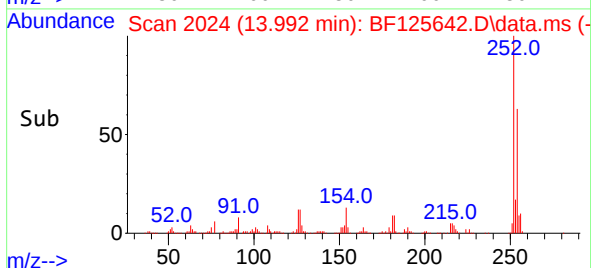
mohammad
9/27/2021 2:59:10 PM

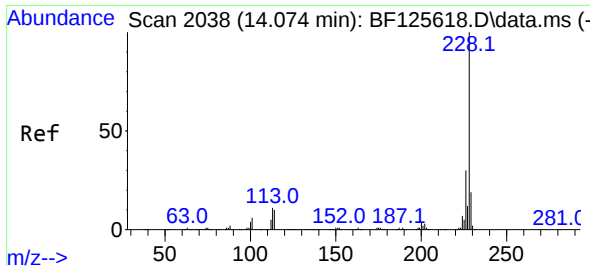


#82
3,3'-Dichlorobenzidine
Concen: 16.67 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



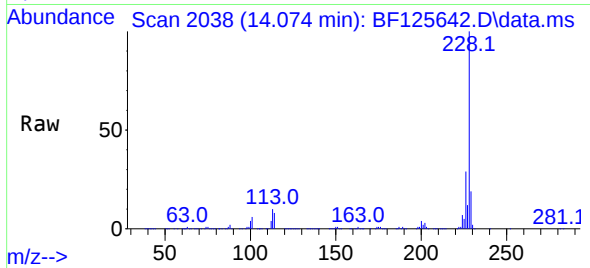
Tgt Ion:252 Resp: 136553
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 12.1 9.5 14.3





#83
Chrysene
Concen: 40.57 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

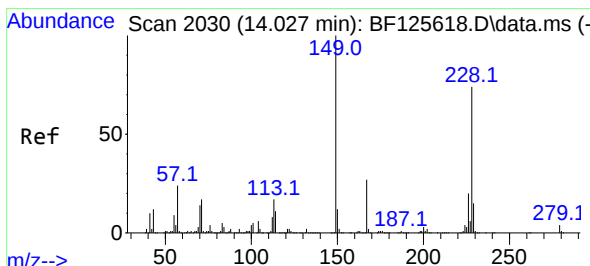
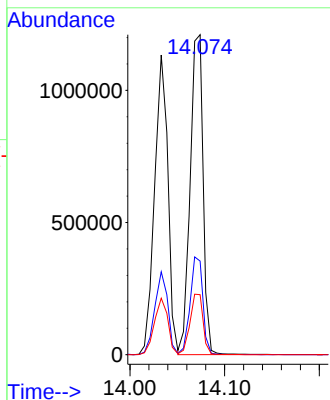
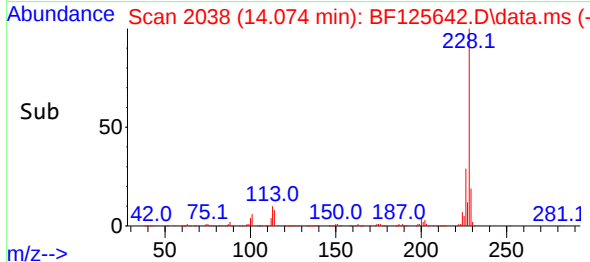
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



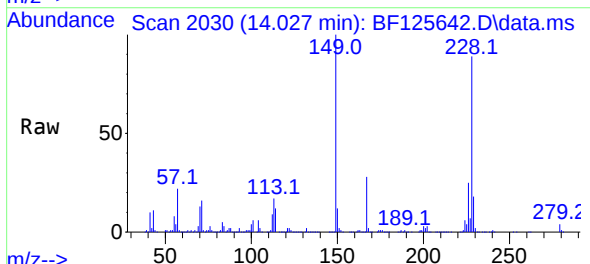
Tgt Ion:228 Resp: 1156112
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 18.7 15.9 23.9

Manual Integrations
APPROVED

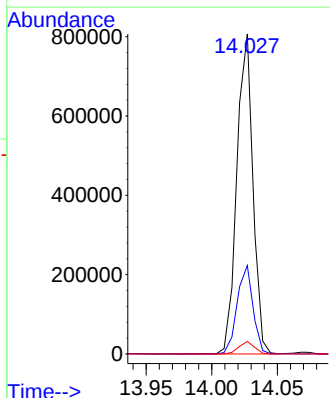
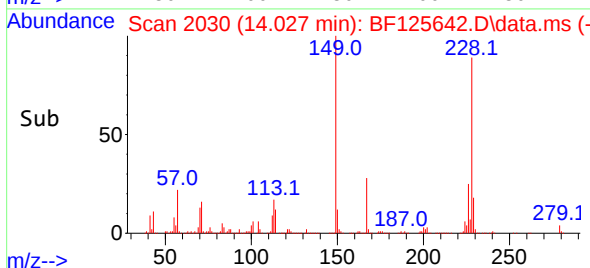
mohammad
9/27/2021 2:59:10 PM

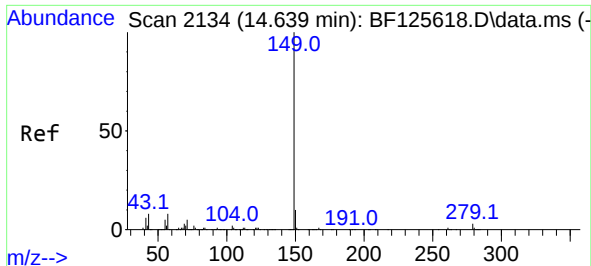


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.32 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



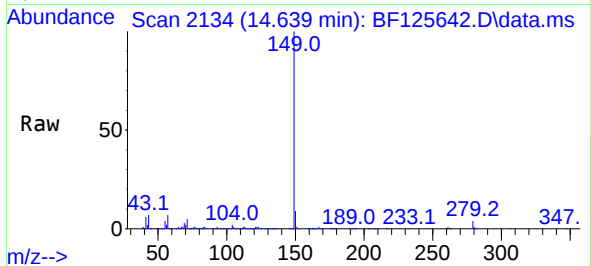
Tgt Ion:149 Resp: 691941
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 3.9 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 61.41 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

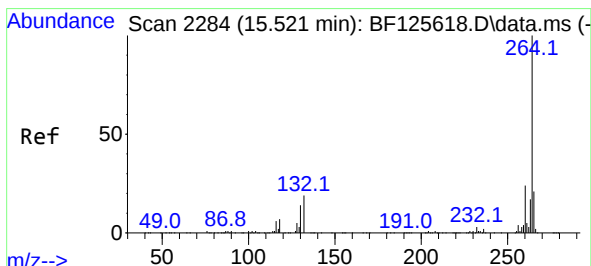
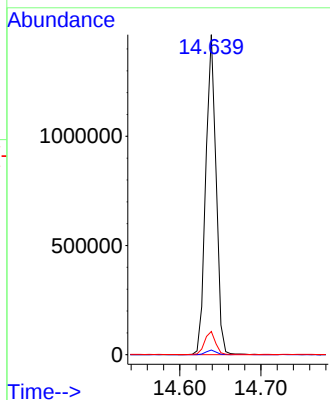
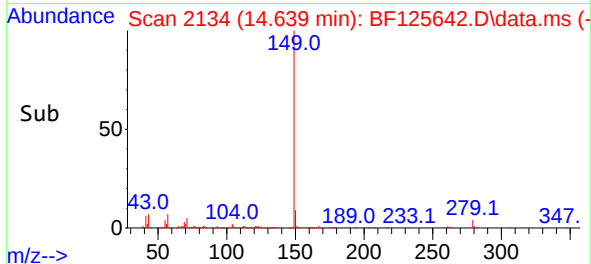
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD



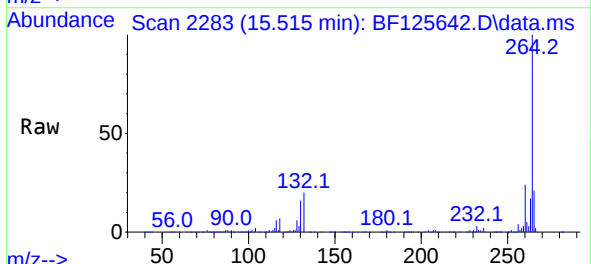
Tgt Ion:149 Resp: 1289811
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 7.6 9.9 14.9#

Manual Integrations
APPROVED

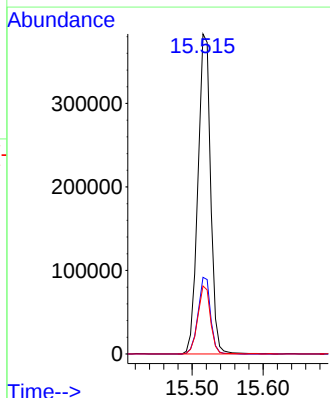
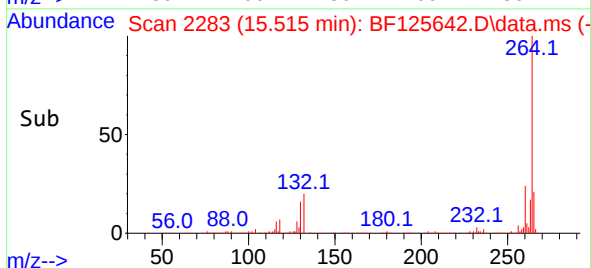
mohammad
9/27/2021 2:59:10 PM

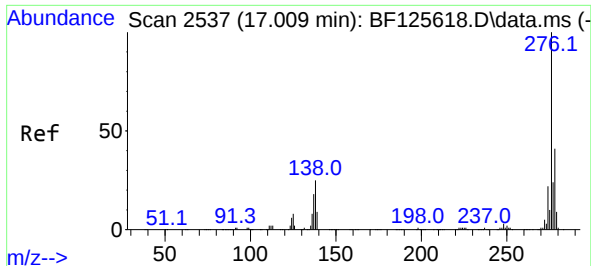


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30



Tgt Ion:264 Resp: 477295
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.12 ng
RT: 17.003 min Scan# 2536
Delta R.T. -0.006 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

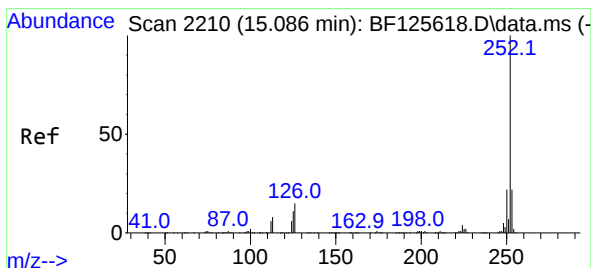
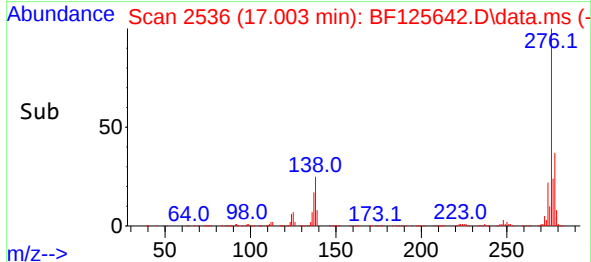
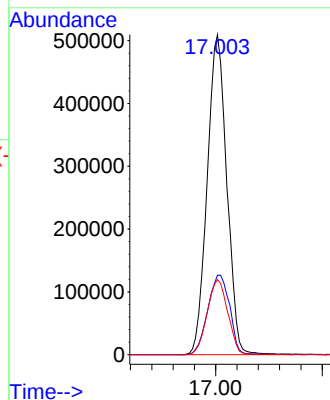
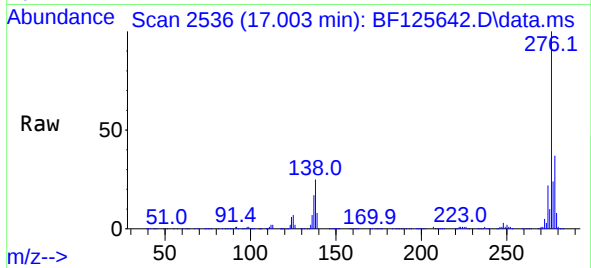
Tgt Ion:276 Resp: 1299772

Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.1	36.1
277	24.6	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

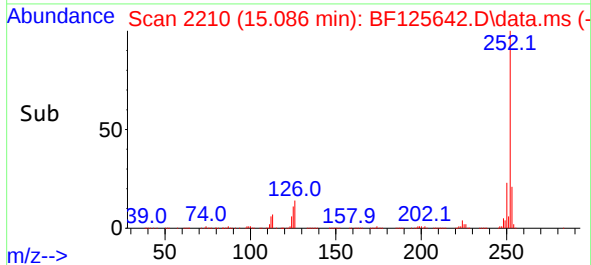
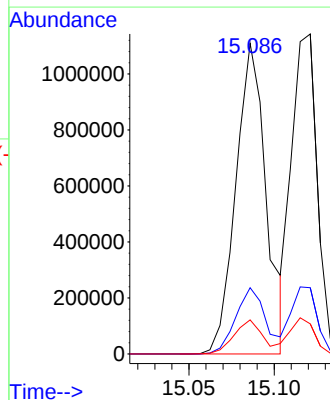
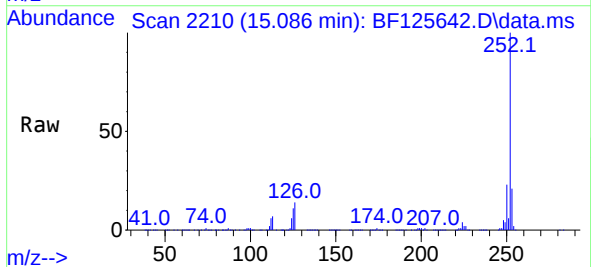
mohammad
9/27/2021 2:59:10 PM

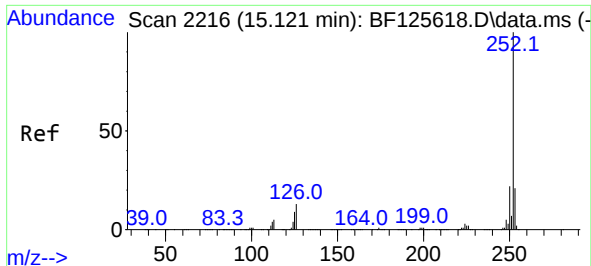


#88
Benzo(b)fluoranthene
Concen: 41.12 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:252 Resp: 1374971

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	11.0	9.8	14.8





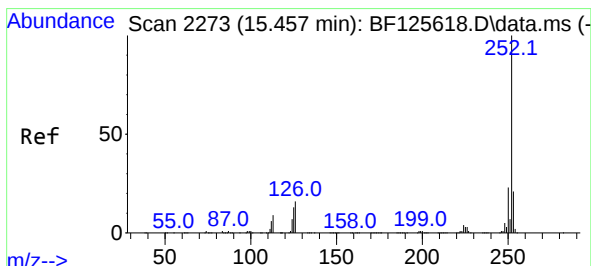
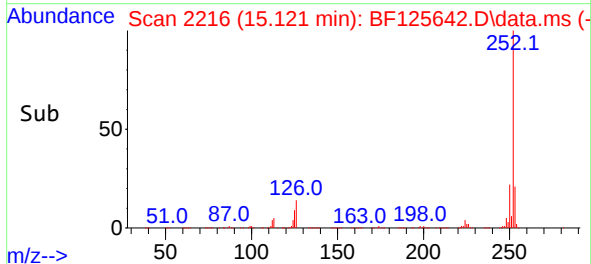
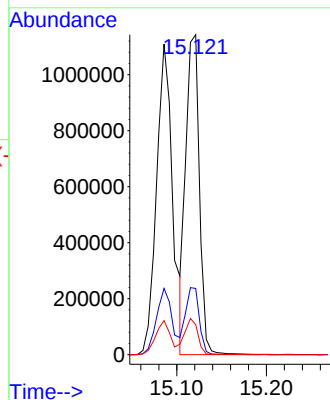
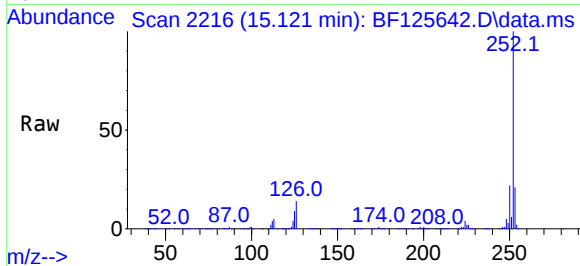
#89
Benzo(k)fluoranthene
Concen: 37.49 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:252 Resp: 1201078
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 9.4 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

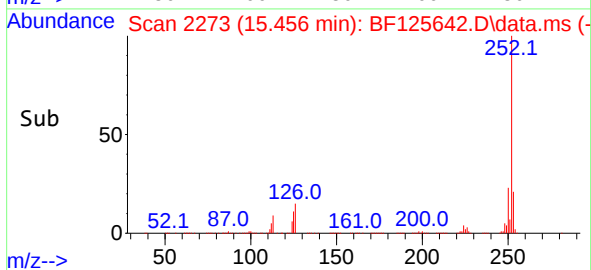
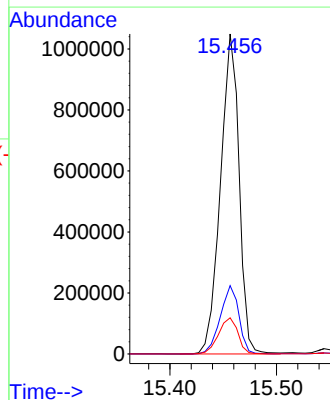
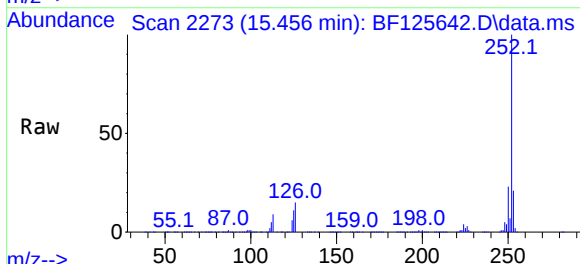
Manual Integrations
APPROVED

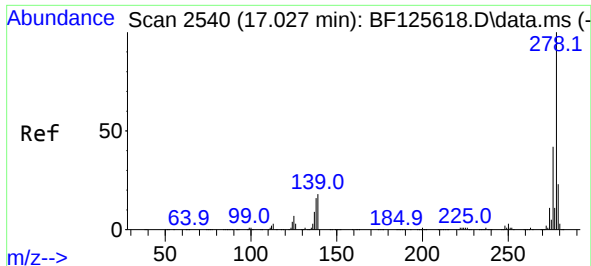
mohammad
9/27/2021 2:59:10 PM



#90
Benzo(a)pyrene
Concen: 42.69 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.001 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:252 Resp: 1270623
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 11.3 9.9 14.9





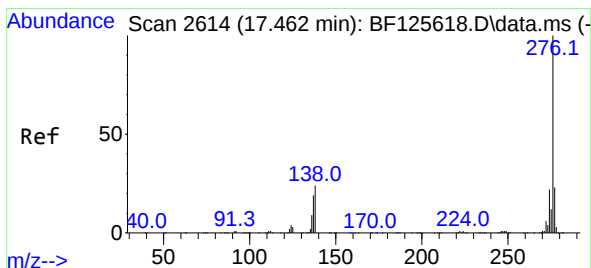
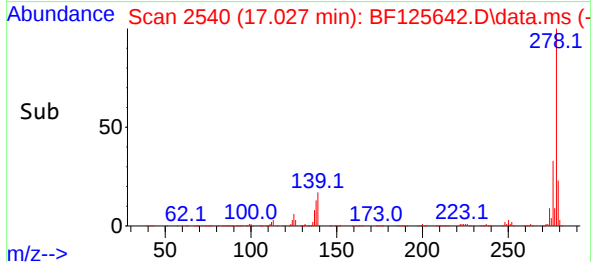
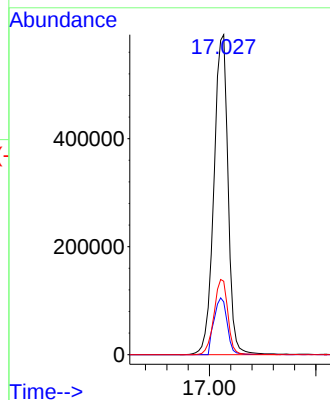
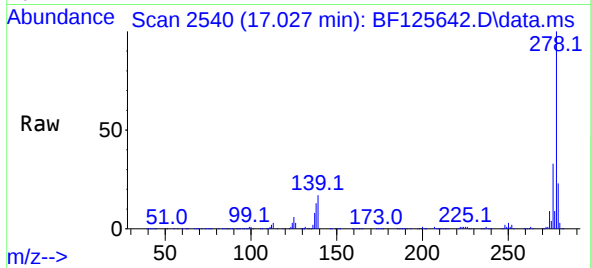
#91
Dibenzo(a,h)anthracene
Concen: 40.41 ng
RT: 17.027 min Scan# 2540
Delta R.T. -0.000 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:278 Resp: 1094391
Ion Ratio Lower Upper
278 100
139 16.5 14.9 22.3
279 22.9 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations
APPROVED

mohammad
9/27/2021 2:59:10 PM



#92
Benzo(g,h,i)perylene
Concen: 36.32 ng
RT: 17.450 min Scan# 2612
Delta R.T. -0.012 min
Lab File: BF125642.D
Acq: 25 Sep 2021 2:30

Tgt Ion:276 Resp: 1004493
Ion Ratio Lower Upper
276 100
277 22.9 22.0 33.0
138 23.9 22.2 33.4

