

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122771.D
 Acq On : 17 Dec 2020 18:38
 Operator : JU/CG
 Sample : L5118-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-37-2-WCMS

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:40:42 AM

Quant Time: Dec 18 01:43:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	186970	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	725085	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	389545	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	707461	20.00	ng	0.00
76) Chrysene-d12	13.992	240	559579	20.00	ng	0.00
86) Perylene-d12	15.445	264	537877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1408926	119.30	ng	0.02
7) Phenol-d6	6.463	99	1848595	118.02	ng	0.00
23) Nitrobenzene-d5	7.387	82	1126660	77.85	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	573791	112.53	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1890304	65.63	ng	0.00
79) Terphenyl-d14	12.933	244	2043598	63.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	196188	35.34	ng	97
3) Pyridine	3.410	79	551801	37.61	ng	96
4) n-Nitrosodimethylamine	3.363	42	231906	39.41	ng	94
6) Aniline	6.487	93	319118	17.31	ng	99
8) 2-Chlorophenol	6.604	128	548578	42.14	ng	98
9) Benzaldehyde	6.369	77	196418	20.72	ng	97
10) Phenol	6.475	94	669266	41.24	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	503685	40.62	ng	99
12) 1,3-Dichlorobenzene	6.763	146	575186	37.34	ng	99
13) 1,4-Dichlorobenzene	6.840	146	582419	37.50	ng	100
14) 1,2-Dichlorobenzene	6.987	146	558703	37.27	ng	99
15) Benzyl Alcohol	6.969	79	436415	40.47	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	621463	35.15	ng	97
17) 2-Methylphenol	7.081	107	437362	42.27	ng	98
18) Hexachloroethane	7.334	117	205006	37.04	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	347209	38.70	ng	99
20) 3+4-Methylphenols	7.234	107	514930	39.39	ng	94
22) Acetophenone	7.234	105	672124	37.28	ng	# 96
24) Nitrobenzene	7.404	77	543751	37.77	ng	98
25) Isophorone	7.645	82	978168	39.24	ng	99
26) 2-Nitrophenol	7.722	139	293464	41.79	ng	93
27) 2,4-Dimethylphenol	7.763	122	472394	45.90	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	626737	36.72	ng	99
29) 2,4-Dichlorophenol	7.969	162	464583	38.65	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	488937	35.91	ng	99
31) Naphthalene	8.128	128	1508904	37.71	ng	99
32) Benzoic acid	7.910	122	311570	38.00	ng	97
33) 4-Chloroaniline	8.175	127	143041	8.55	ng	98
34) Hexachlorobutadiene	8.245	225	284100	33.90	ng	99
35) Caprolactam	8.557	113	145976m	40.33	ng	
36) 4-Chloro-3-methylphenol	8.669	107	486458	41.09	ng	98
37) 2-Methylnaphthalene	8.822	142	1002349	37.87	ng	98
38) 1-Methylnaphthalene	8.916	142	934603	37.33	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	470721	36.48	ng	99
41) Hexachlorocyclopentadiene	8.975	237	431862	75.70	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	324053	36.37	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122771.D
 Acq On : 17 Dec 2020 18:38
 Operator : JU/CG
 Sample : L5118-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-37-2-WCMS

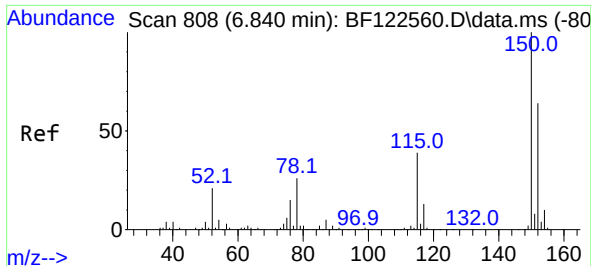
Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:40:42 AM

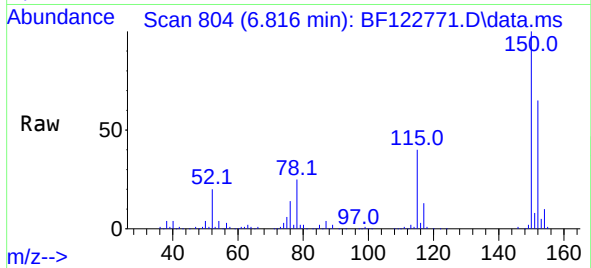
Quant Time: Dec 18 01:43:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	351125	38.12	ng	96
46) 1,1'-Biphenyl	9.286	154	1201521	37.17	ng	98
47) 2-Chloronaphthalene	9.310	162	958708	35.79	ng	99
48) 2-Nitroaniline	9.404	65	279078	35.74	ng	95
49) Acenaphthylene	9.728	152	1469293	37.14	ng	100
50) Dimethylphthalate	9.586	163	1354499	43.54	ng	99
51) 2,6-Dinitrotoluene	9.651	165	263676	40.13	ng	98
52) Acenaphthene	9.898	154	1031257m	40.29	ng	
53) 3-Nitroaniline	9.816	138	97925	12.90	ng	99
54) 2,4-Dinitrophenol	9.933	184	260223	81.00	ng	# 88
55) Dibenzofuran	10.069	168	1322802	36.74	ng	100
56) 4-Nitrophenol	9.992	139	394314	72.84	ng	96
57) 2,4-Dinitrotoluene	10.057	165	344390	39.35	ng	99
58) Fluorene	10.410	166	1020039	35.62	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	295010	36.45	ng	99
60) Diethylphthalate	10.286	149	1085677	35.88	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	494285	35.05	ng	94
62) 4-Nitroaniline	10.439	138	257735	33.44	ng	94
63) Azobenzene	10.563	77	1017637	36.59	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	194988	45.20	ng	94
66) n-Nitrosodiphenylamine	10.522	169	949064	37.97	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	344268	35.91	ng	# 91
68) Hexachlorobenzene	10.963	284	385657	36.39	ng	93
69) Atrazine	11.051	200	271699	33.47	ng	100
70) Pentachlorophenol	11.157	266	410310	73.07	ng	98
71) Phenanthrene	11.375	178	1530369	36.40	ng	99
72) Anthracene	11.428	178	1582157	37.95	ng	99
73) Carbazole	11.580	167	1416894	37.47	ng	100
74) Di-n-butylphthalate	11.910	149	1658372	34.91	ng	98
75) Fluoranthene	12.563	202	1615066	36.63	ng	99
77) Benzidine	12.680	184	500033	41.31	ng	99
78) Pyrene	12.792	202	1621524	37.48	ng	100
80) Butylbenzylphthalate	13.404	149	698703	35.85	ng	99
81) Benzo(a)anthracene	13.980	228	1406749	37.62	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	281968	21.05	ng	99
83) Chrysene	14.016	228	1396000	37.51	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	920265	34.48	ng	99
85) Di-n-octyl phthalate	14.574	149	1574823	35.58	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1309906	37.10	ng	100
88) Benzo(b)fluoranthene	15.027	252	1455529	38.57	ng	98
89) Benzo(k)fluoranthene	15.057	252	1324738	38.39	ng	99
90) Benzo(a)pyrene	15.386	252	1217156	36.87	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1075864	37.23	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1086143	38.84	ng	100

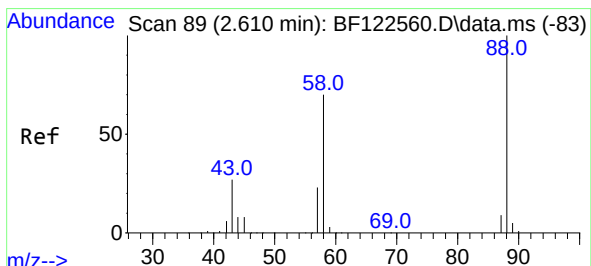
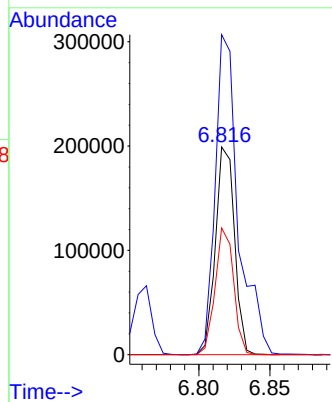
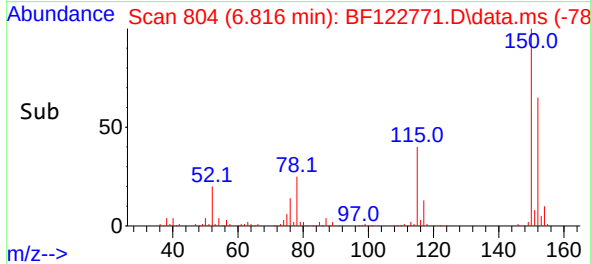
(#) = qualifier out of range (m) = manual integration (+) = signals summed



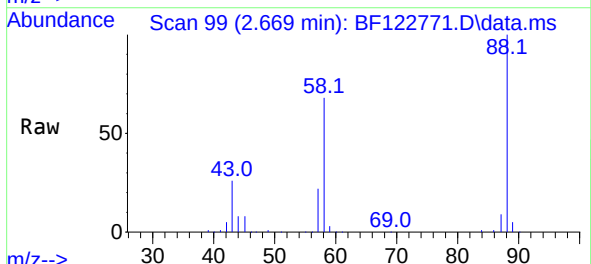
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



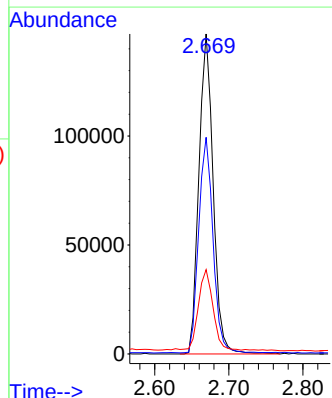
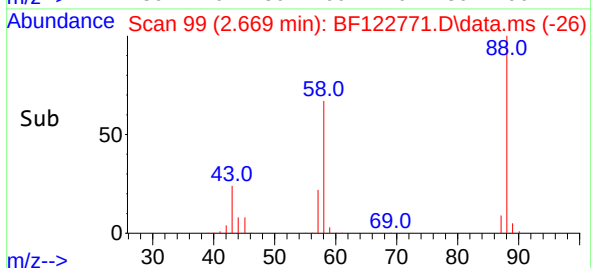
Tgt Ion:152 Resp: 186970
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 61.0 49.3 73.9



#2
1,4-Dioxane
Concen: 35.34 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.129 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



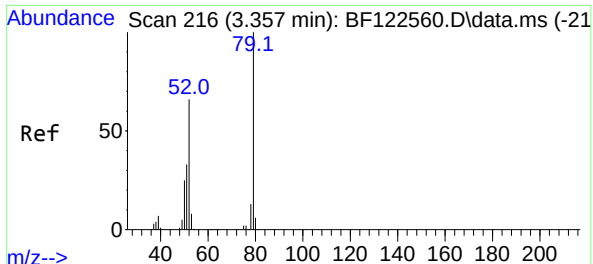
Tgt Ion: 88 Resp: 196188
Ion Ratio Lower Upper
88 100
58 67.6 56.2 84.2
43 25.4 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



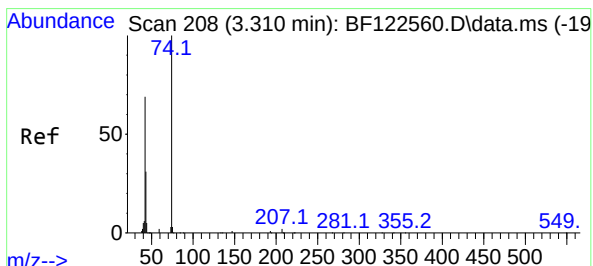
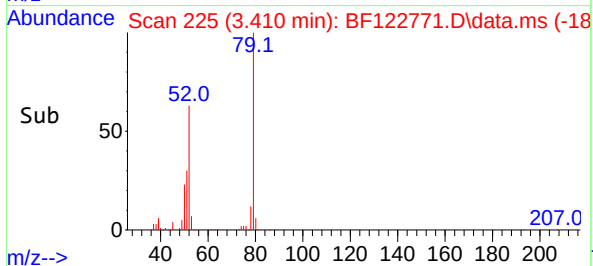
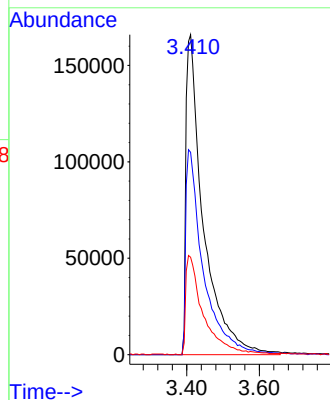
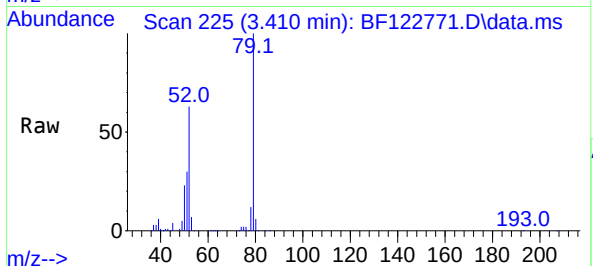
#3
Pyridine
Concen: 37.61 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.123 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 79 Resp: 551801
Ion Ratio Lower Upper
79 100
52 63.3 53.0 79.4
51 30.5 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

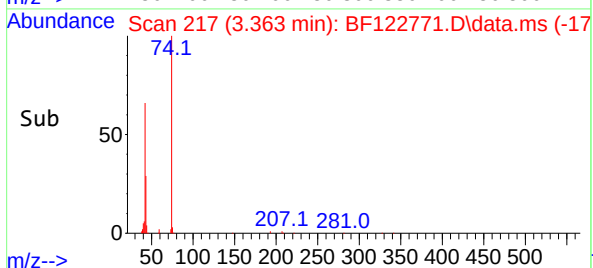
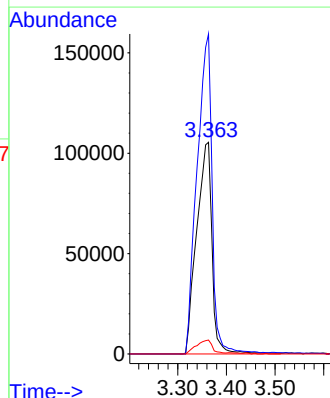
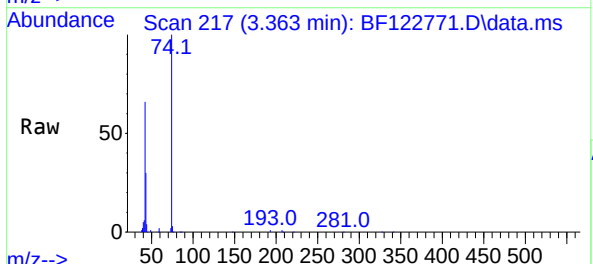
Manual Integrations
APPROVED

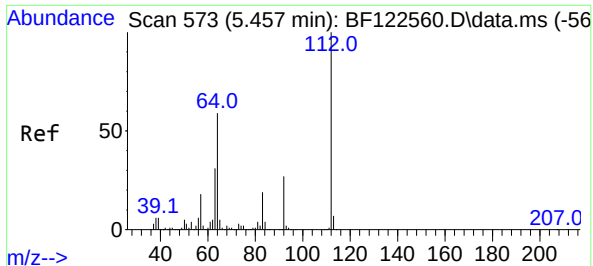
mohammad
12/21/2020 10:40:42 AM



#4
n-Nitrosodimethylamine
Concen: 39.41 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.123 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

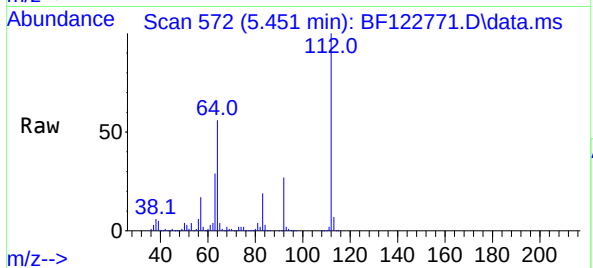
Tgt Ion: 42 Resp: 231906
Ion Ratio Lower Upper
42 100
74 151.2 115.2 172.8
44 6.6 5.4 8.0





#5
2-Fluorophenol
Concen: 119.30 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

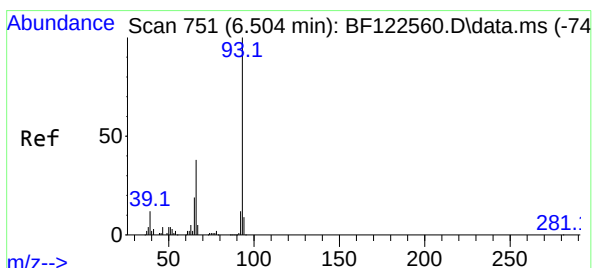
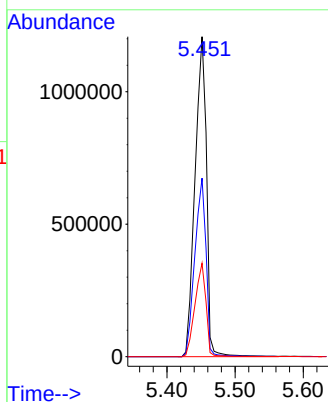
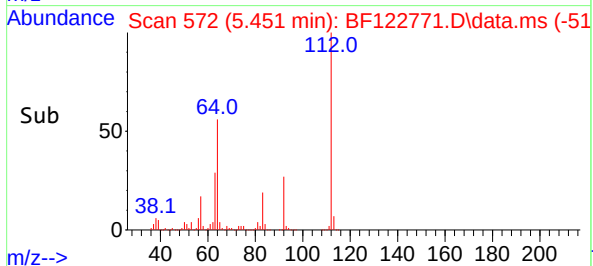
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



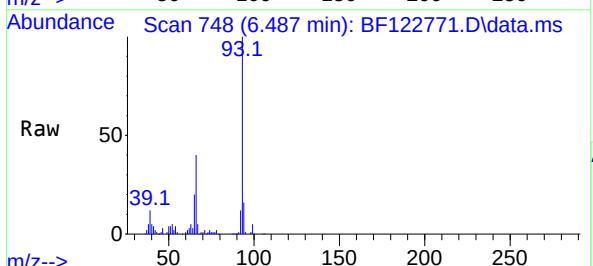
Tgt Ion:112 Resp: 1408926
Ion Ratio Lower Upper
112 100
64 55.8 46.9 70.3
63 29.2 24.5 36.7

Manual Integrations
APPROVED

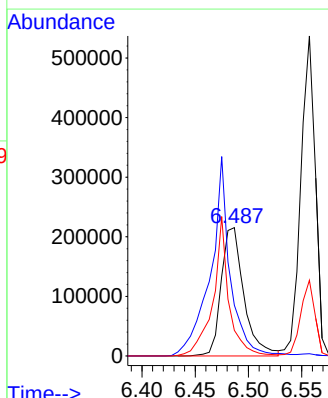
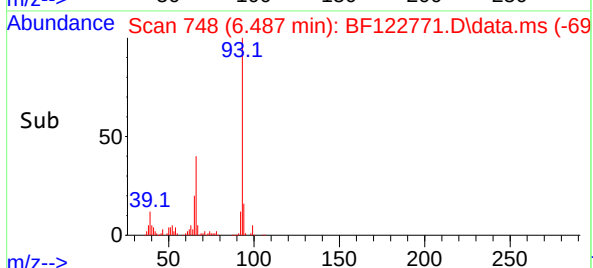
mohammad
12/21/2020 10:40:42 AM

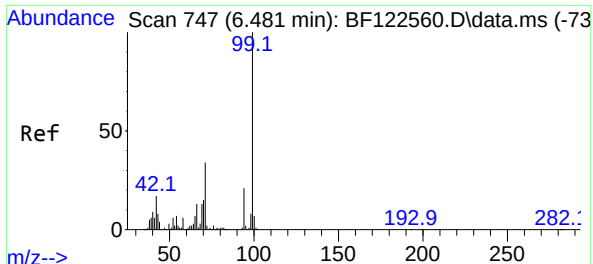


#6
Aniline
Concen: 17.31 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



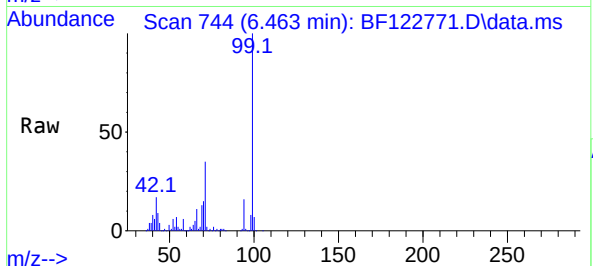
Tgt Ion: 93 Resp: 319118
Ion Ratio Lower Upper
93 100
66 39.6 31.3 46.9
65 19.9 15.6 23.4





#7
Phenol-d6
Concen: 118.02 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

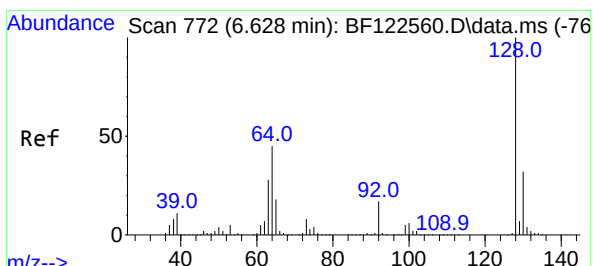
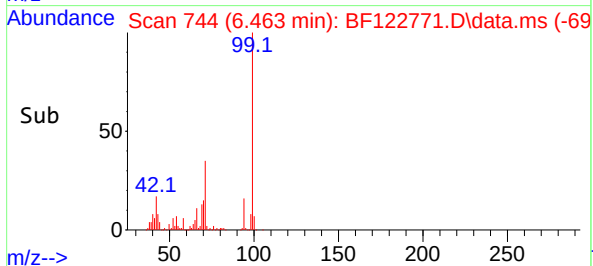
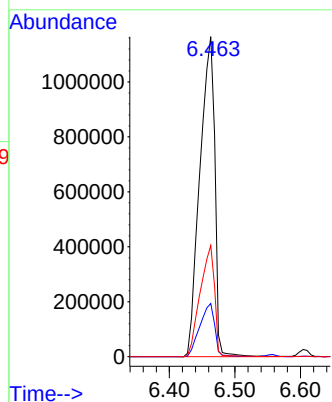


Tgt Ion: 99 Resp: 1848595

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	34.8	26.9	40.3

Manual Integrations
APPROVED

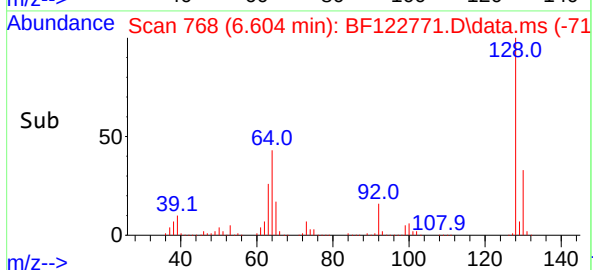
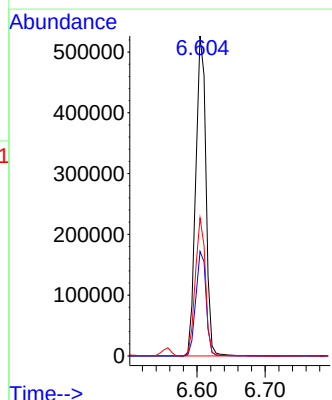
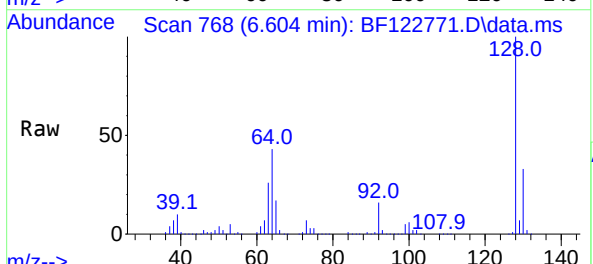
mohammad
12/21/2020 10:40:42 AM

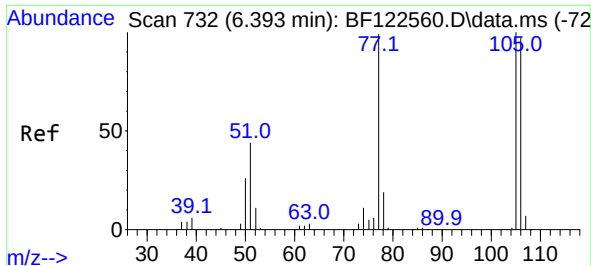


#8
2-Chlorophenol
Concen: 42.14 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 128 Resp: 548578

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	43.2	25.5	65.5





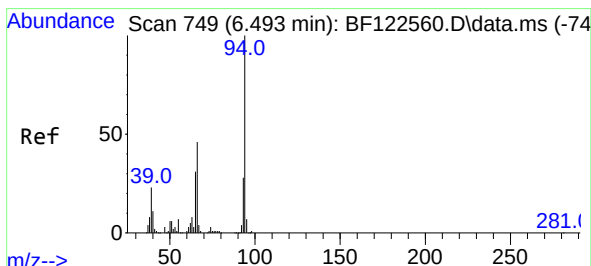
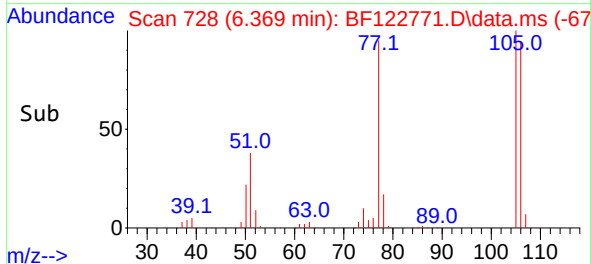
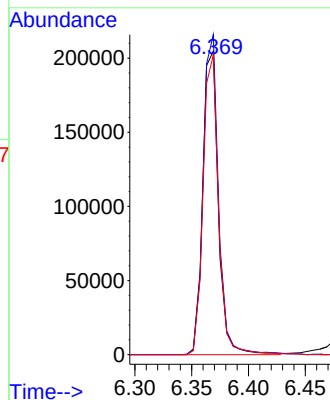
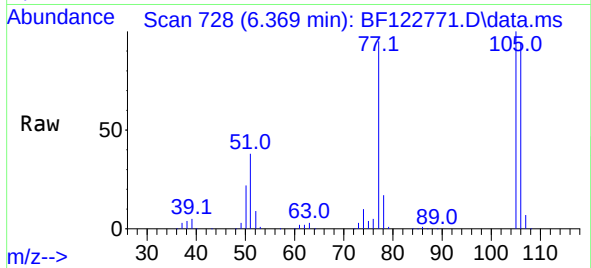
#9
Benzaldehyde
Concen: 20.72 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 77 Resp: 196418
Ion Ratio Lower Upper
77 100
105 105.4 80.6 120.6
106 98.7 77.2 117.2

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

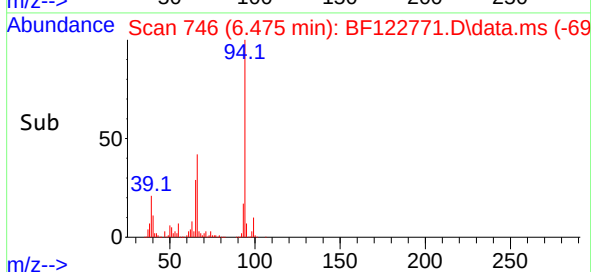
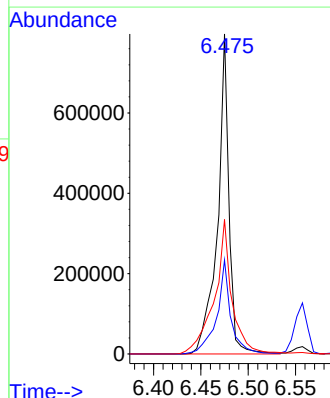
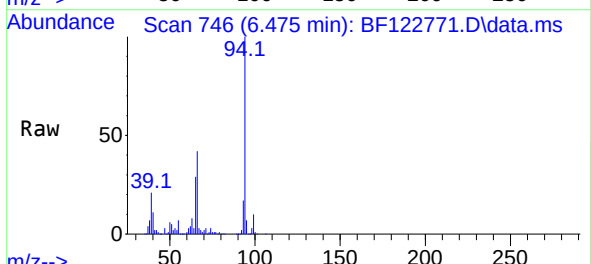
Manual Integrations
APPROVED

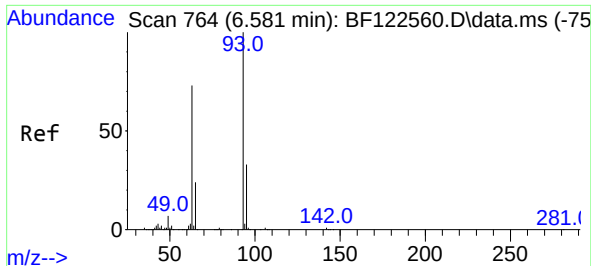
mohammad
12/21/2020 10:40:42 AM



#10
Phenol
Concen: 41.24 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

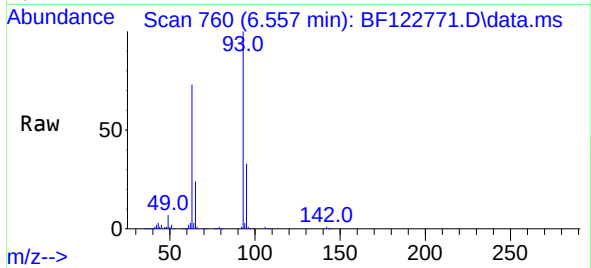
Tgt Ion: 94 Resp: 669266
Ion Ratio Lower Upper
94 100
65 29.3 11.2 51.2
66 42.0 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 40.62 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

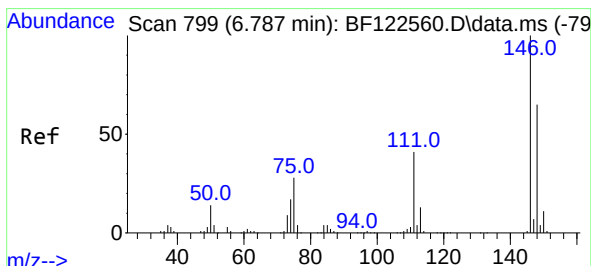
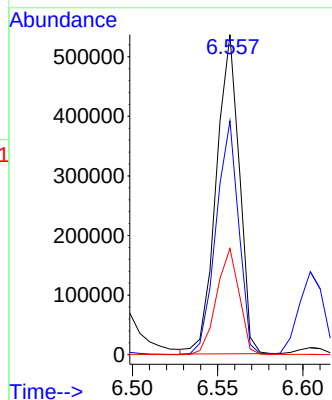
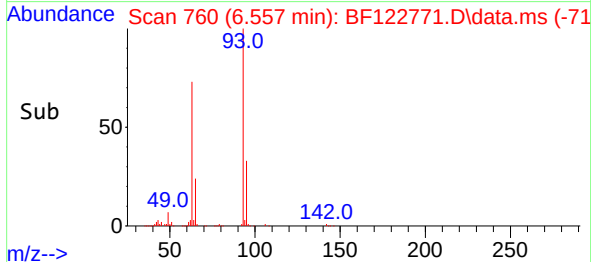
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



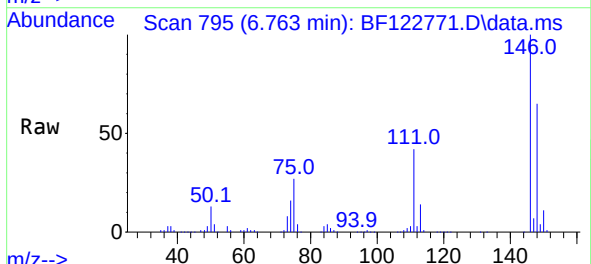
Tgt Ion: 93 Resp: 503685
Ion Ratio Lower Upper
93 100
63 73.0 52.6 92.6
95 33.2 12.6 52.6

Manual Integrations
APPROVED

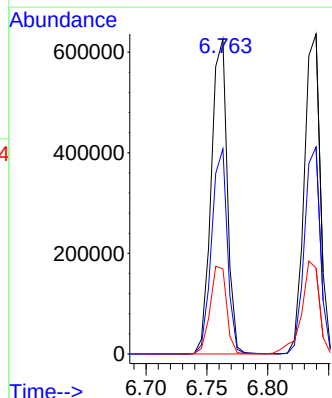
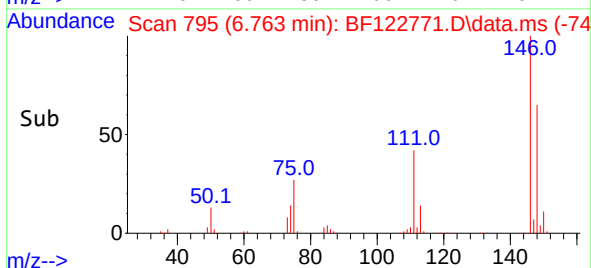
mohammad
12/21/2020 10:40:42 AM

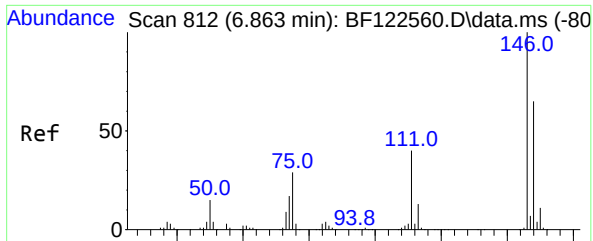


#12
1,3-Dichlorobenzene
Concen: 37.34 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion: 146 Resp: 575186
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 27.1 22.5 33.7





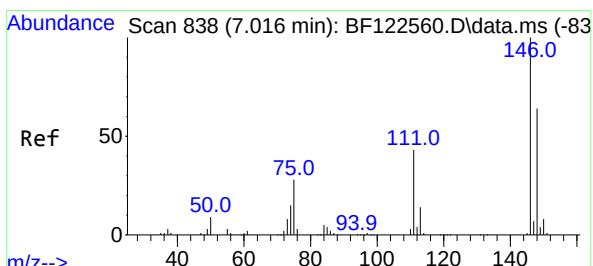
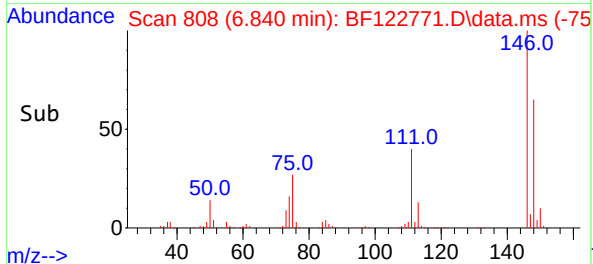
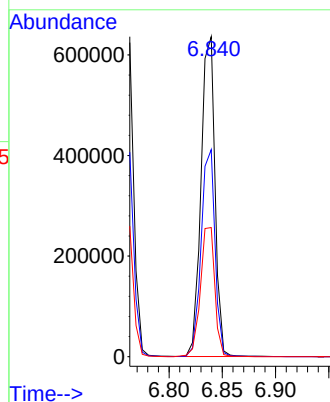
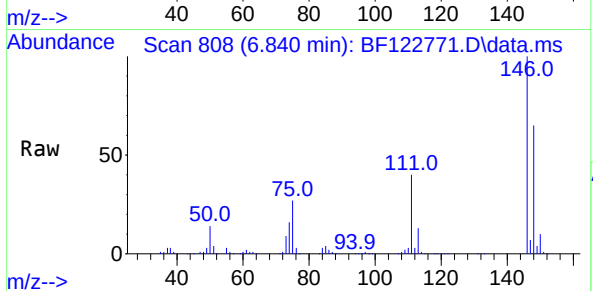
#13
1,4-Dichlorobenzene
Concen: 37.50 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:146 Resp: 582419
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 40.4 32.3 48.5

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

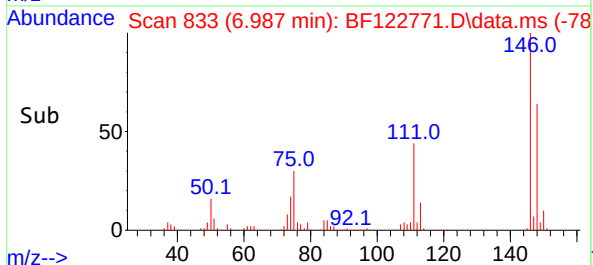
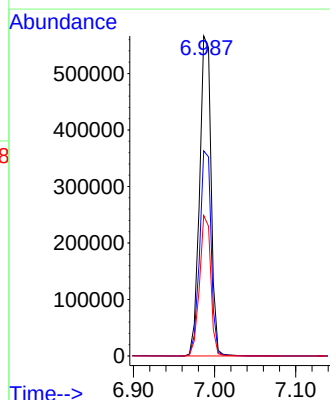
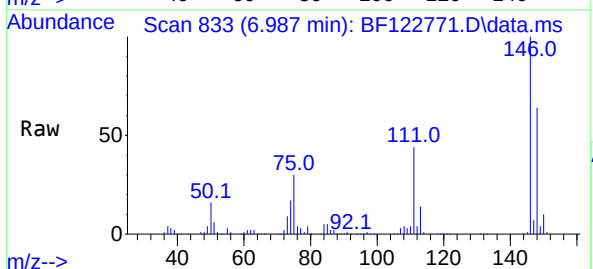
Manual Integrations
APPROVED

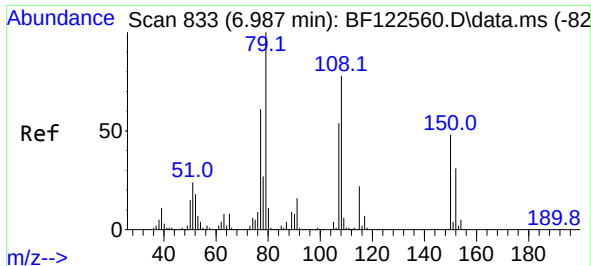
mohammad
12/21/2020 10:40:42 AM



#14
1,2-Dichlorobenzene
Concen: 37.27 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

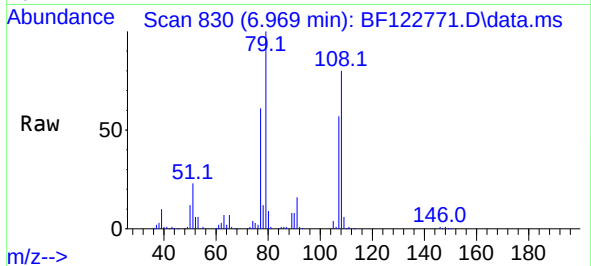
Tgt Ion:146 Resp: 558703
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 43.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 40.47 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

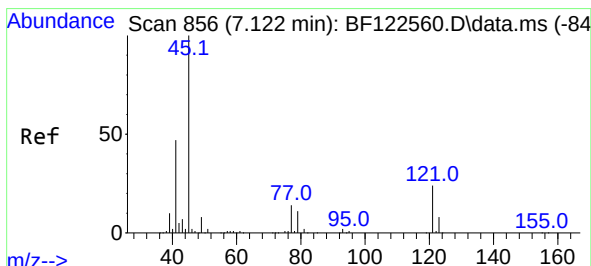
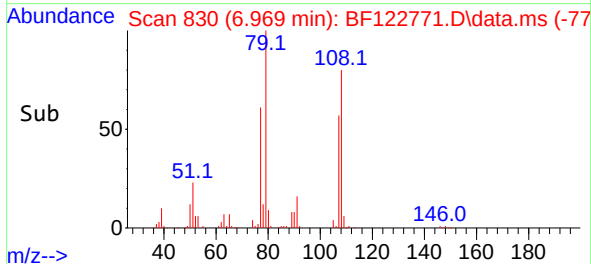
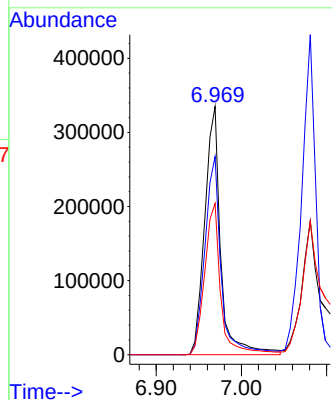
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



Tgt Ion: 79 Resp: 436415
Ion Ratio Lower Upper
79 100
108 79.8 62.4 93.6
77 61.0 49.0 73.6

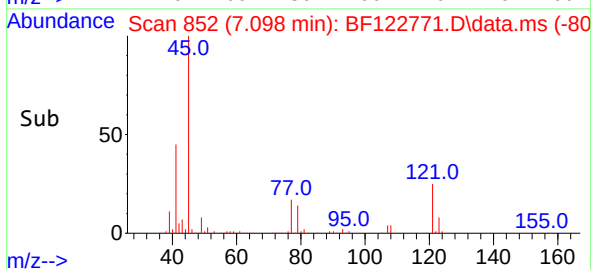
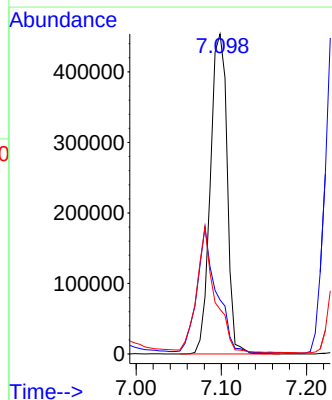
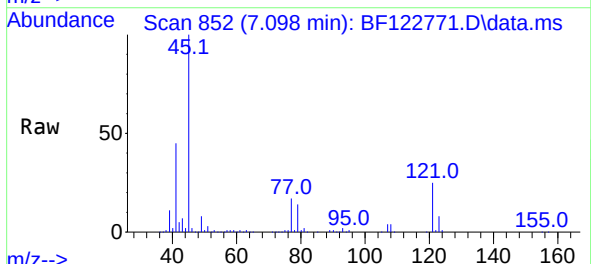
Manual Integrations
APPROVED

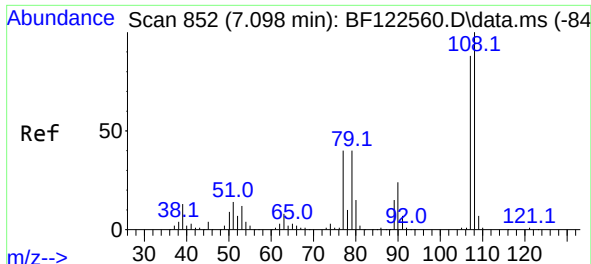
mohammad
12/21/2020 10:40:42 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.15 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 45 Resp: 621463
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.6
79 13.9 0.0 32.4





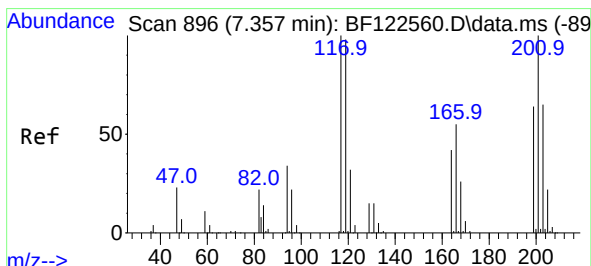
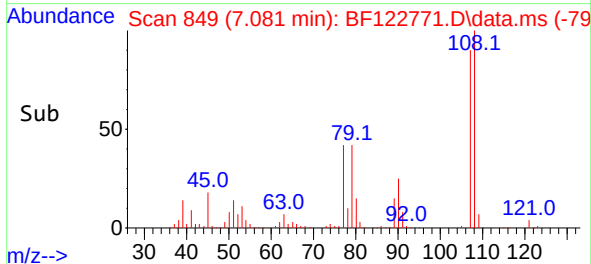
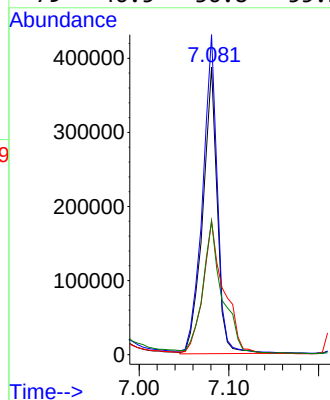
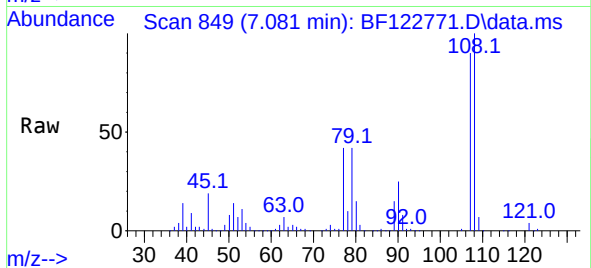
#17
2-Methylphenol
Concen: 42.27 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:	107	Resp:	437362
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.1	136.7
77	46.4	36.3	54.5
79	46.5	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

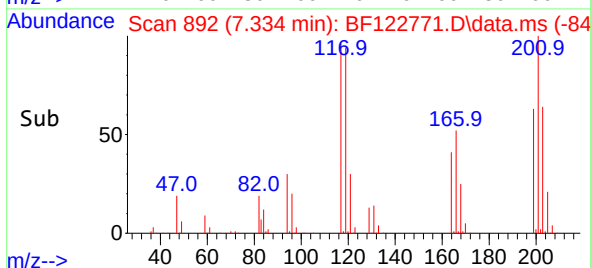
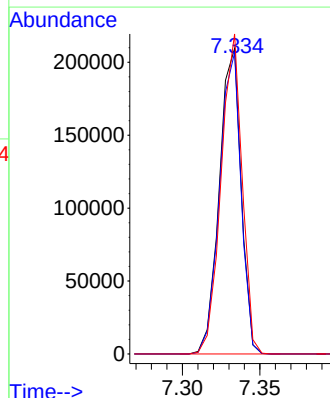
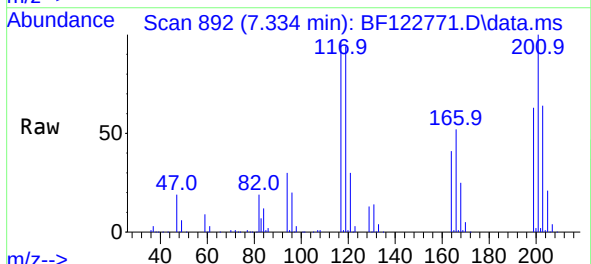
Manual Integrations
APPROVED

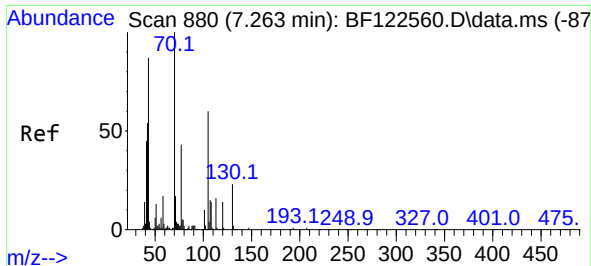
mohammad
12/21/2020 10:40:42 AM



#18
Hexachloroethane
Concen: 37.04 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

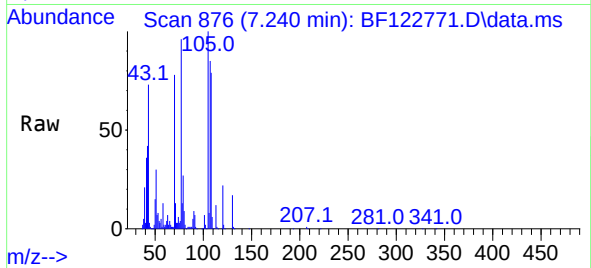
Tgt Ion:	117	Resp:	205006
Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.4	117.6
201	104.7	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.70 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

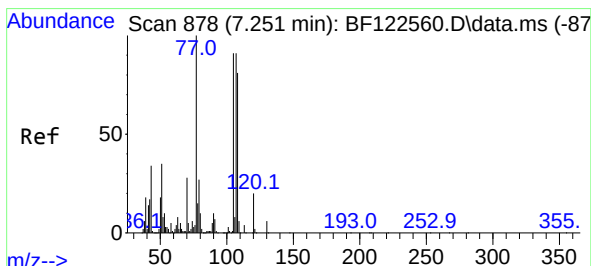
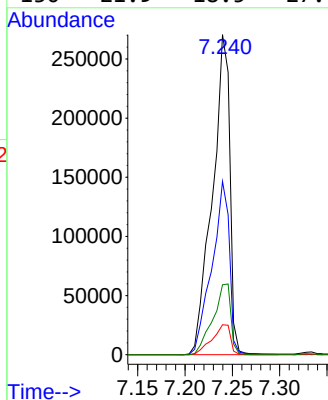
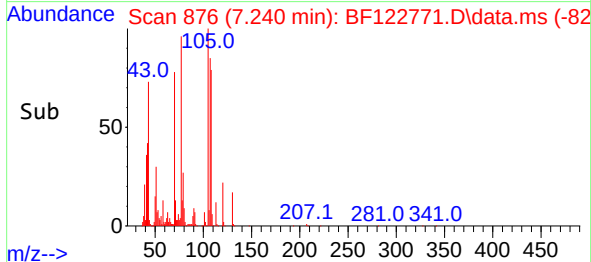
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



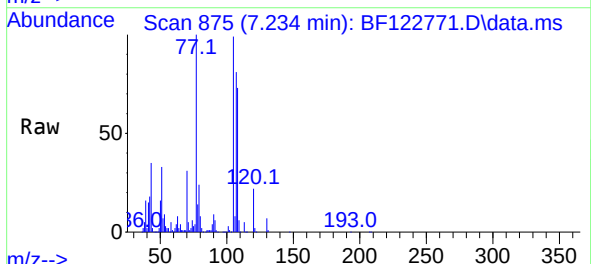
Tgt Ion: 70 Resp: 347209
Ion Ratio Lower Upper
70 100
42 54.2 43.0 64.4
101 9.3 7.9 11.9
130 21.9 18.5 27.7

Manual Integrations
APPROVED

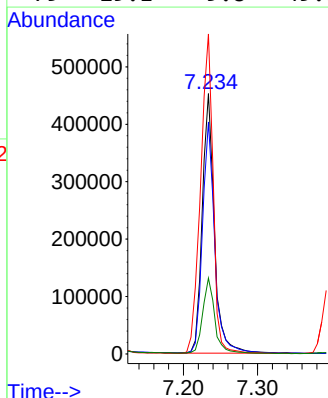
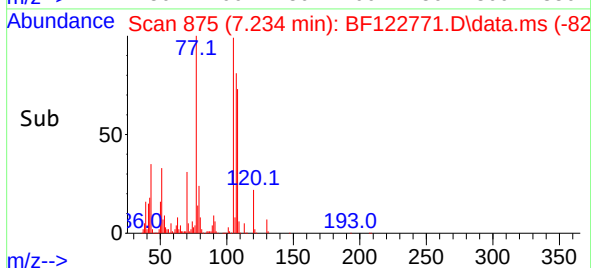
mohammad
12/21/2020 10:40:42 AM

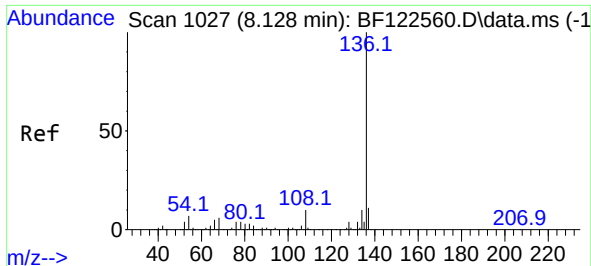


#20
3+4-Methylphenols
Concen: 39.39 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion: 107 Resp: 514930
Ion Ratio Lower Upper
107 100
108 89.1 68.7 108.7
77 122.9 89.8 129.8
79 29.1 9.8 49.8





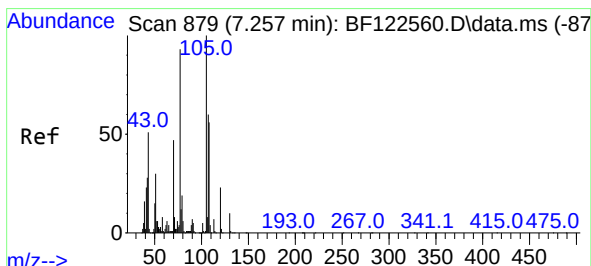
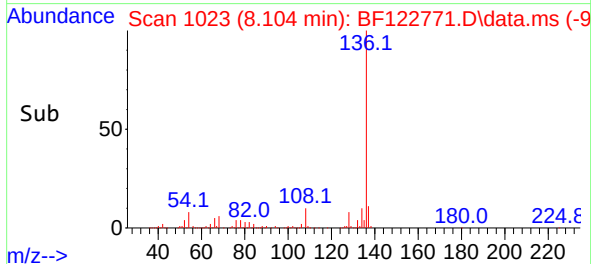
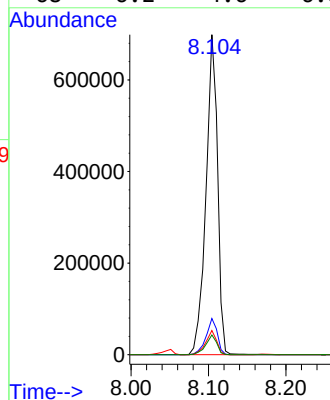
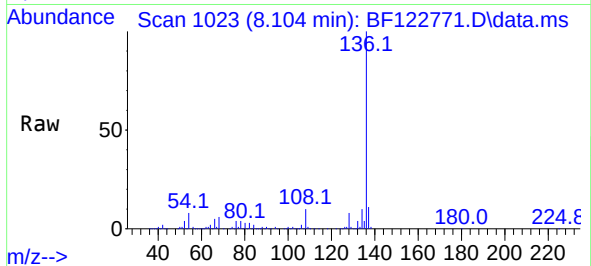
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:	136	Resp:	725085
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	7.5	5.5	8.3
68	6.2	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

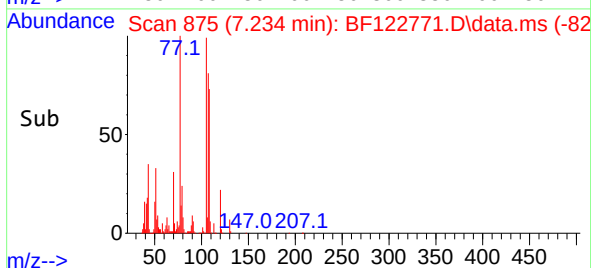
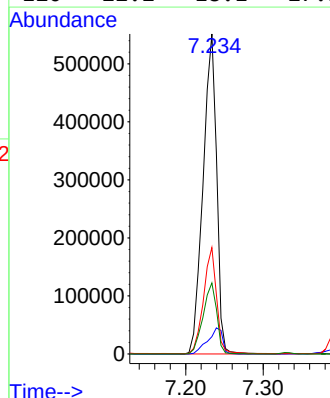
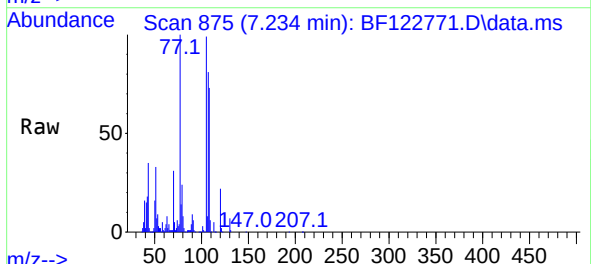
Manual Integrations
APPROVED

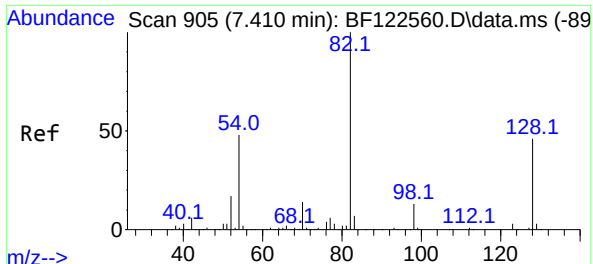
mohammad
12/21/2020 10:40:42 AM



#22
Acetophenone
Concen: 37.28 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:	105	Resp:	672124
Ion Ratio	Lower	Upper	
105	100		
71	5.4	6.5	9.7#
51	33.2	24.3	36.5
120	22.2	18.1	27.1





#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

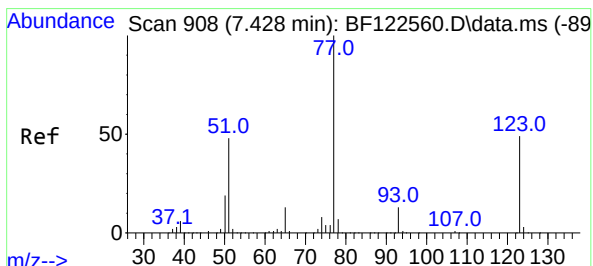
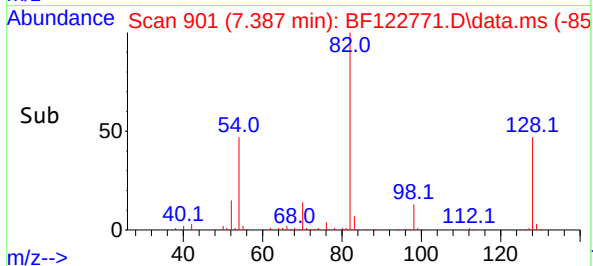
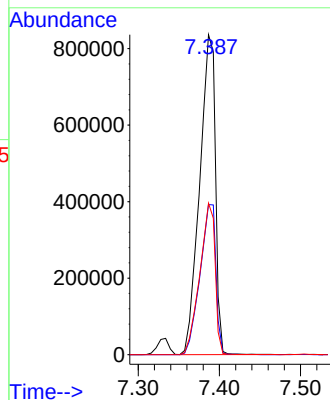
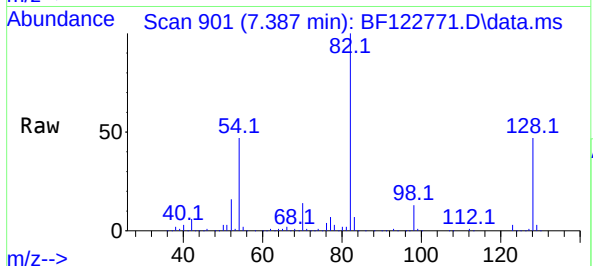
Tgt Ion: 82 Resp: 1126660

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	47.4	38.4	57.6

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

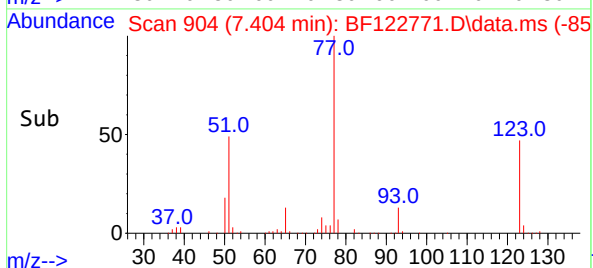
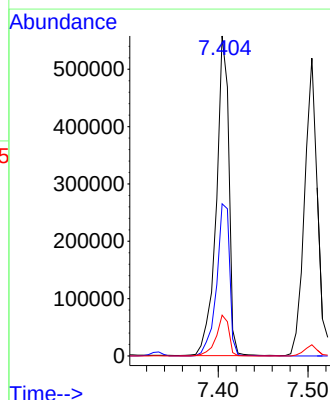
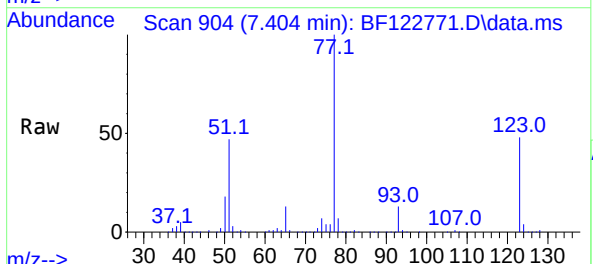
mohammad
12/21/2020 10:40:42 AM

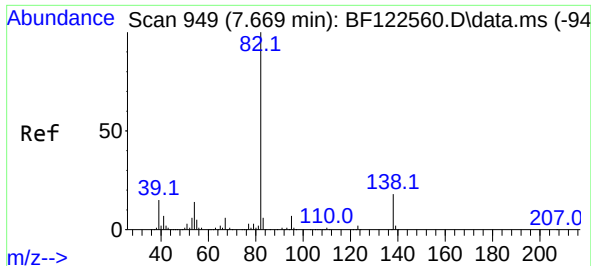


#24
Nitrobenzene
Concen: 37.77 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 77 Resp: 543751

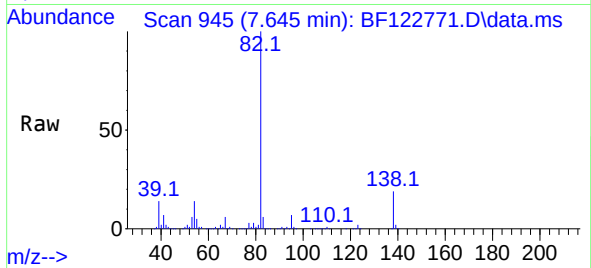
Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.3	58.9
65	12.7	10.6	15.8





#25
Isophorone
Concen: 39.24 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

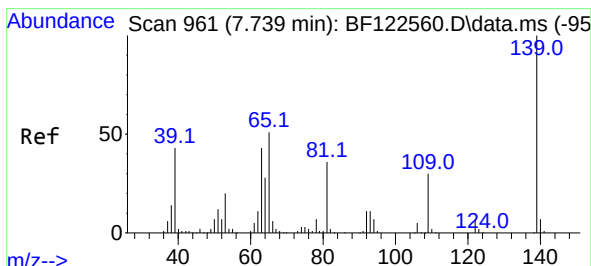
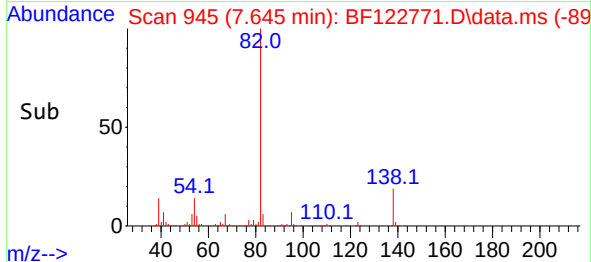
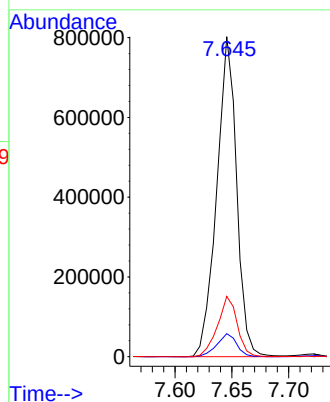
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



Tgt Ion: 82 Resp: 978168
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 14.6 21.8

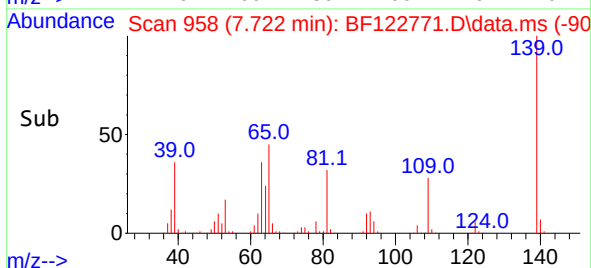
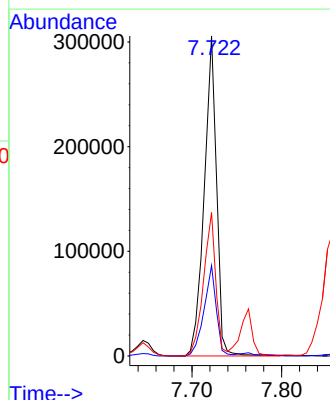
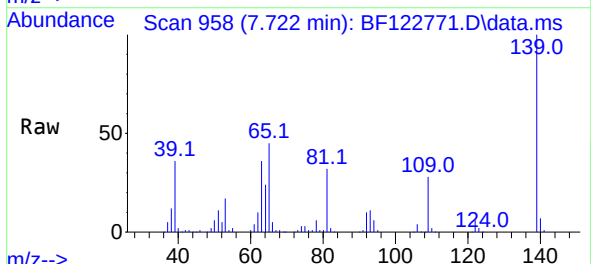
Manual Integrations
APPROVED

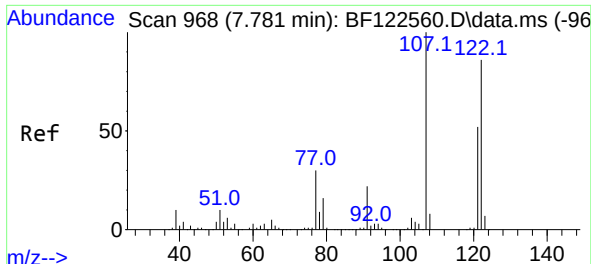
mohammad
12/21/2020 10:40:42 AM



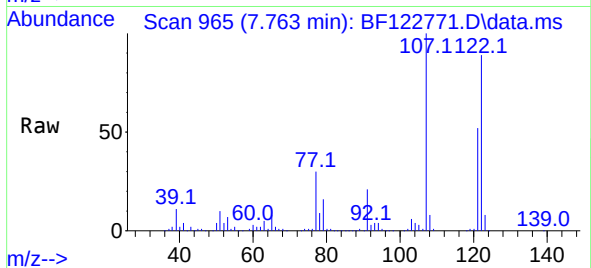
#26
2-Nitrophenol
Concen: 41.79 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 139 Resp: 293464
Ion Ratio Lower Upper
139 100
109 28.2 24.0 36.0
65 44.8 40.9 61.3

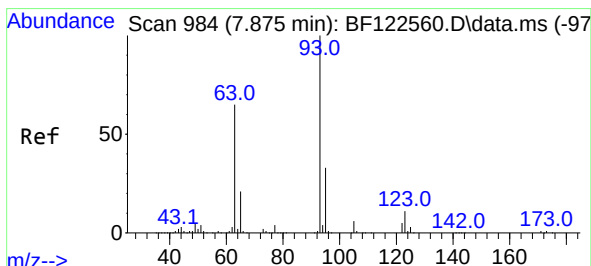
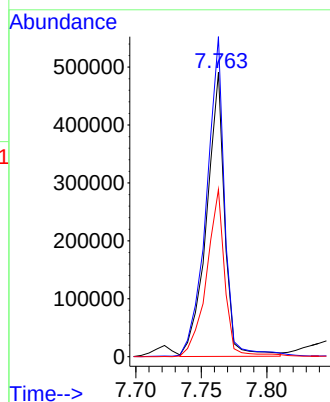
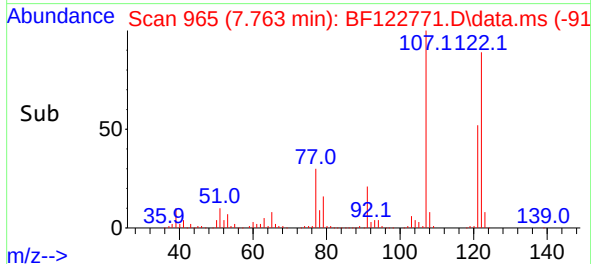




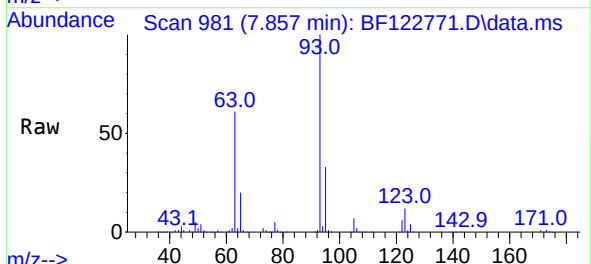
#27
2,4-Dimethylphenol
Concen: 45.90 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



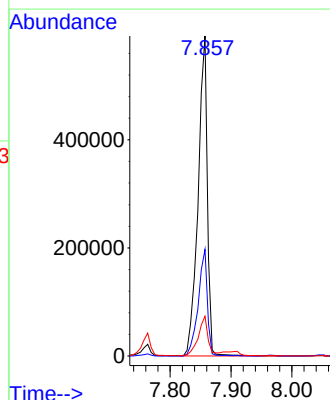
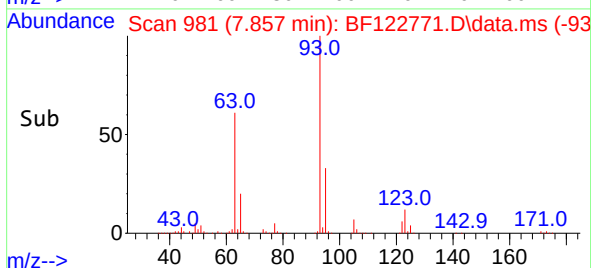
Tgt Ion:122 Resp: 472394
Ion Ratio Lower Upper
122 100
107 112.6 91.8 137.8
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 36.72 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



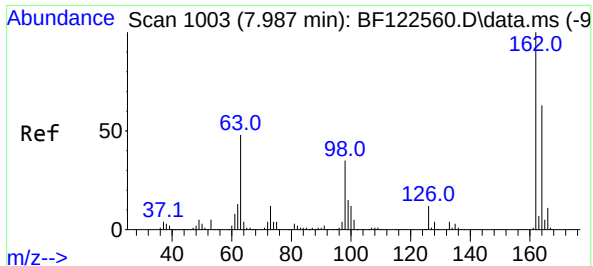
Tgt Ion: 93 Resp: 626737
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 12.4 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



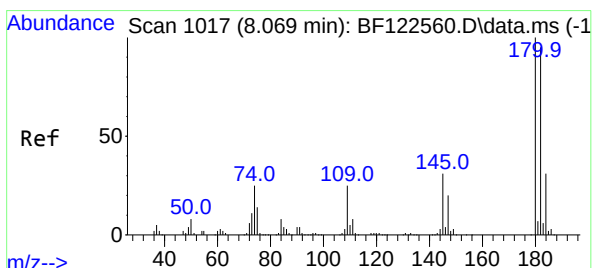
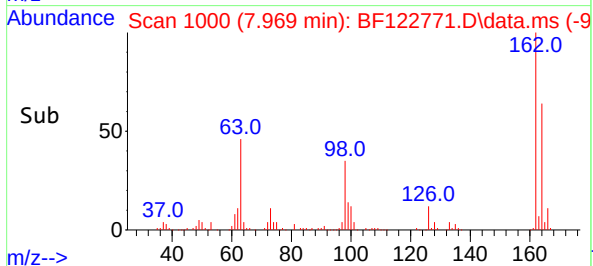
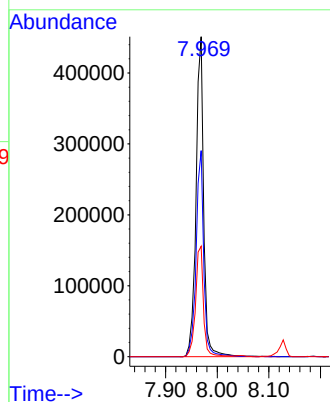
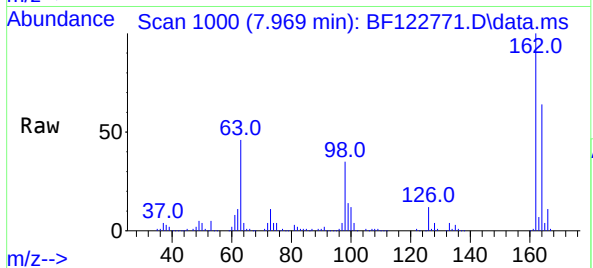
#29
2,4-Dichlorophenol
Concen: 38.65 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Tgt Ion:162 Resp: 464583
Ion Ratio Lower Upper
162 100
164 64.4 43.2 83.2
98 34.5 15.2 55.2

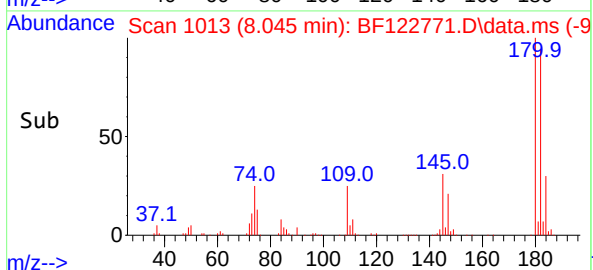
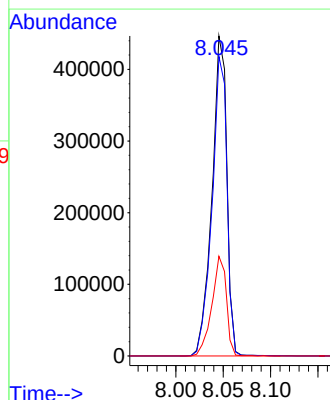
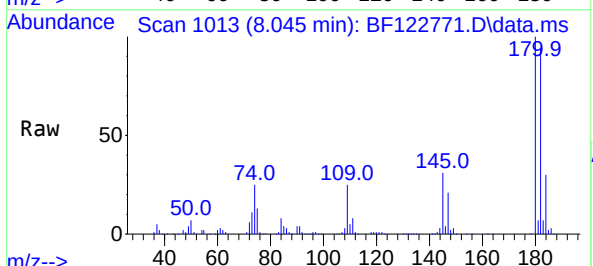
Manual Integrations
APPROVED

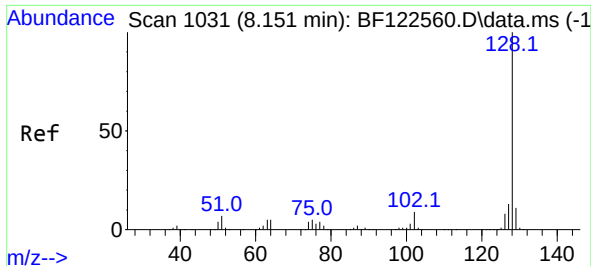
mohammad
12/21/2020 10:40:42 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.91 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:180 Resp: 488937
Ion Ratio Lower Upper
180 100
182 93.6 75.7 113.5
145 31.2 25.0 37.4





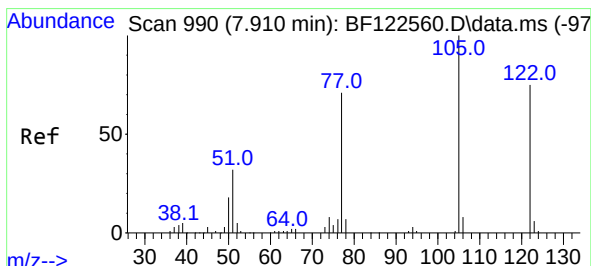
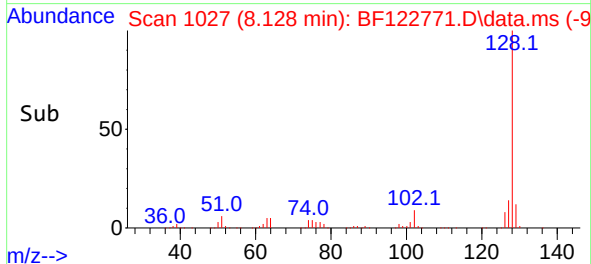
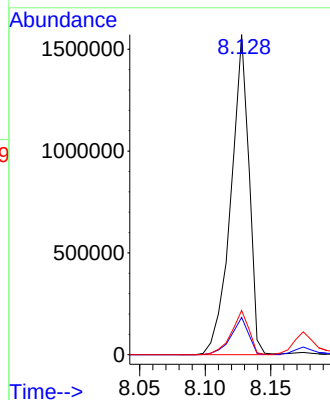
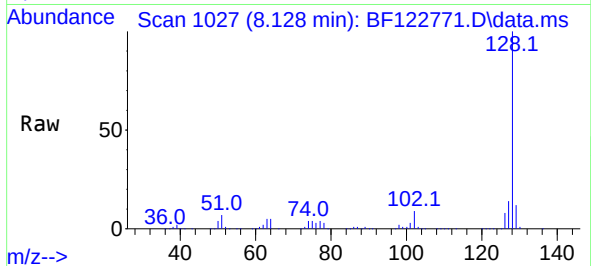
#31
Naphthalene
Concen: 37.71 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:128 Resp: 1508904
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

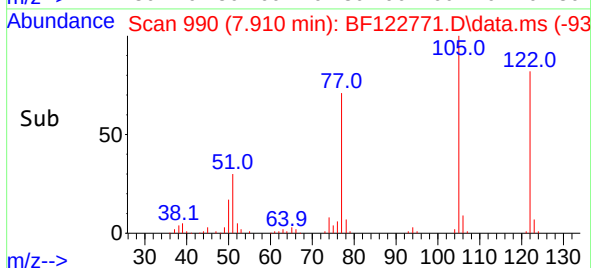
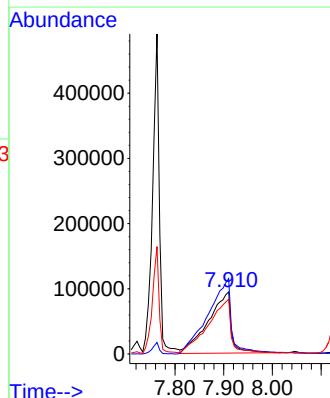
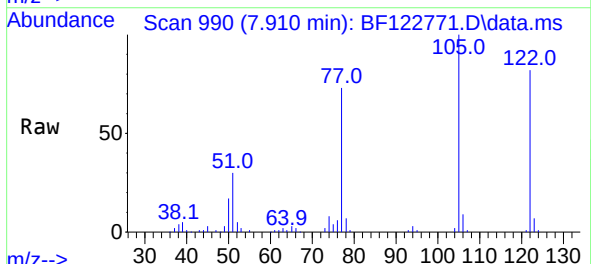
Manual Integrations
APPROVED

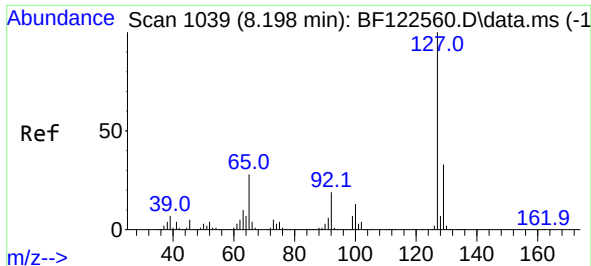
mohammad
12/21/2020 10:40:42 AM



#32
Benzoic acid
Concen: 38.00 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:122 Resp: 311570
Ion Ratio Lower Upper
122 100
105 121.3 104.8 144.8
77 88.0 71.0 111.0





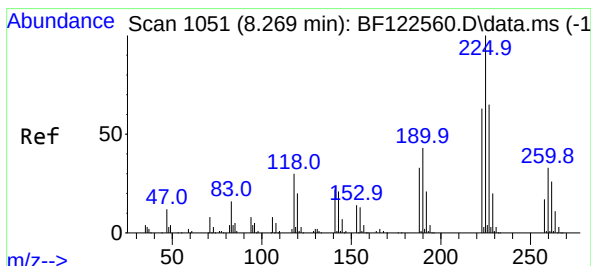
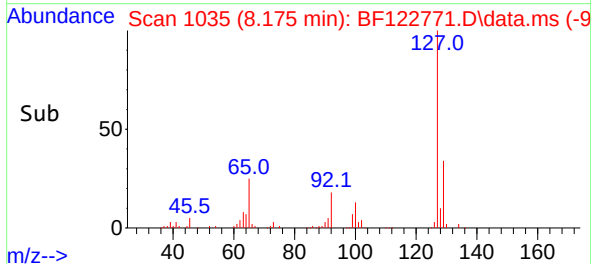
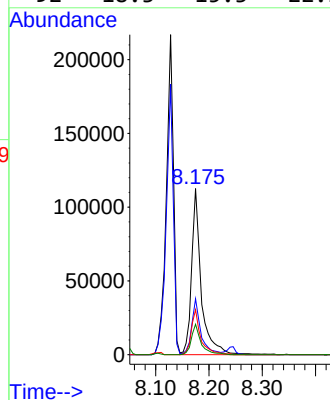
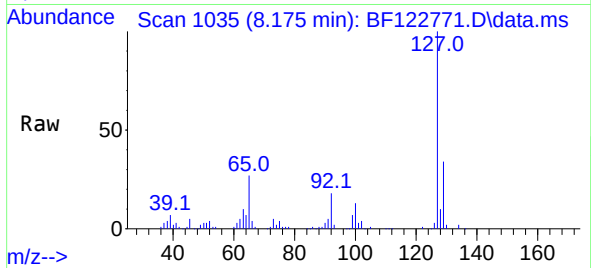
#33
4-Chloroaniline
Concen: 8.55 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Tgt Ion:	127	Resp:	143041
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	27.1	22.2	33.2
92	18.3	15.3	22.9

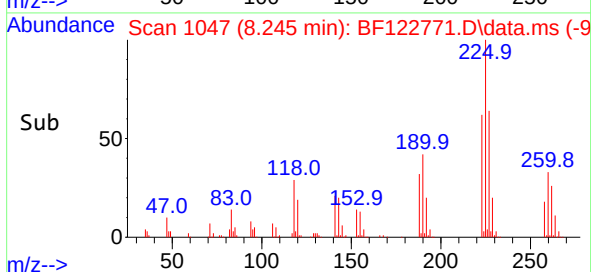
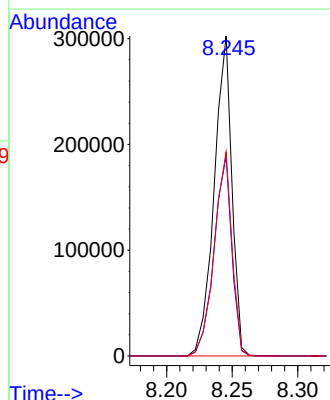
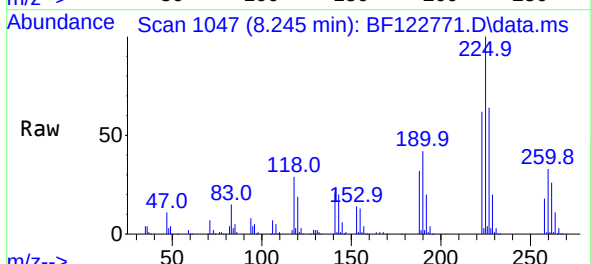
Manual Integrations
APPROVED

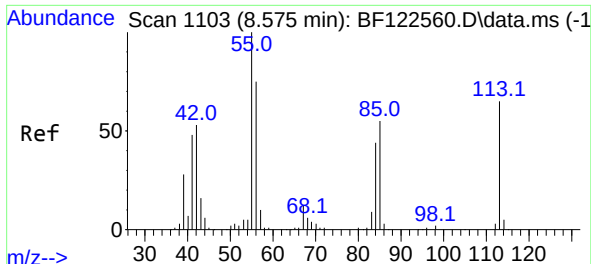
mohammad
12/21/2020 10:40:42 AM



#34
Hexachlorobutadiene
Concen: 33.90 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:	225	Resp:	284100
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	63.8	51.7	77.5





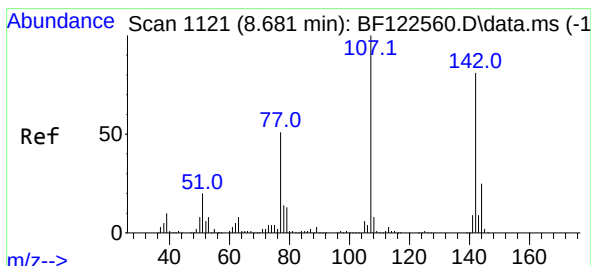
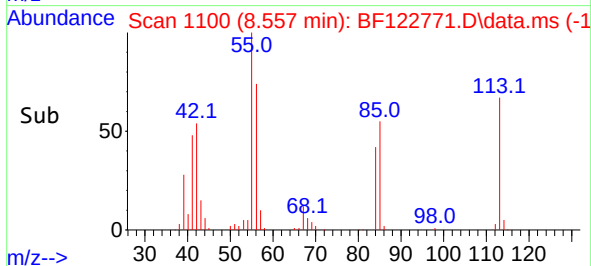
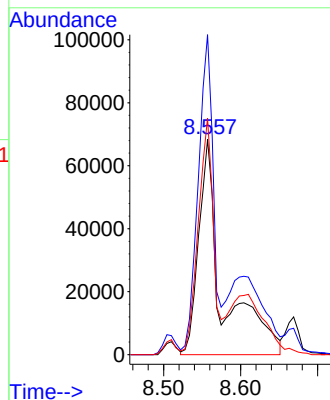
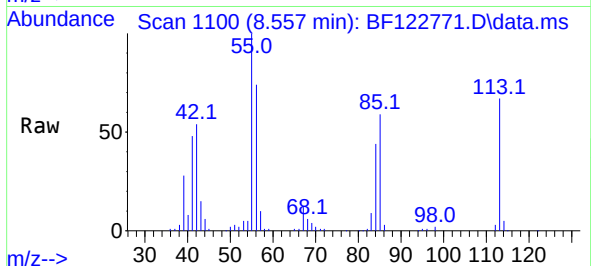
#35
Caprolactam
Concen: 40.33 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:113 Resp: 145976
Ion Ratio Lower Upper
113 100
55 148.6 133.7 173.7
56 109.8 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

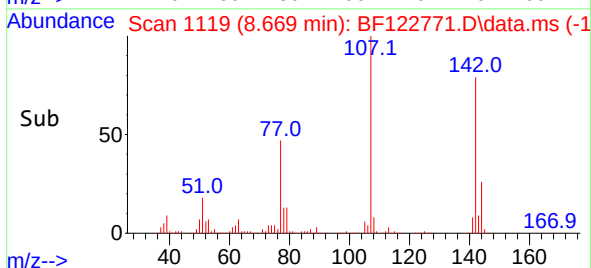
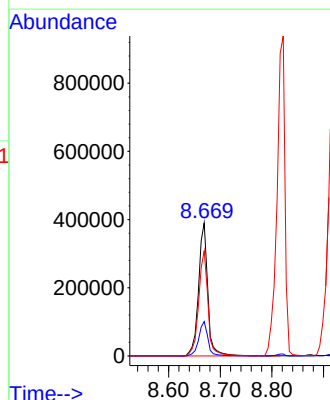
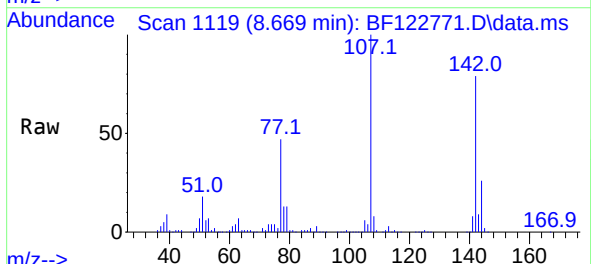
Manual Integrations
APPROVED

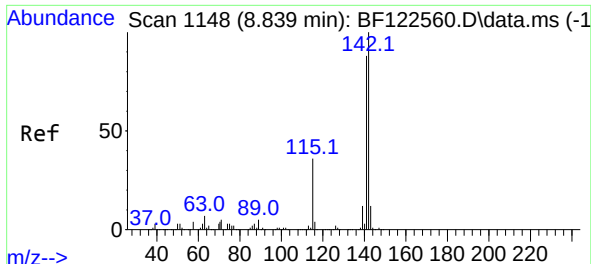
mohammad
12/21/2020 10:40:42 AM



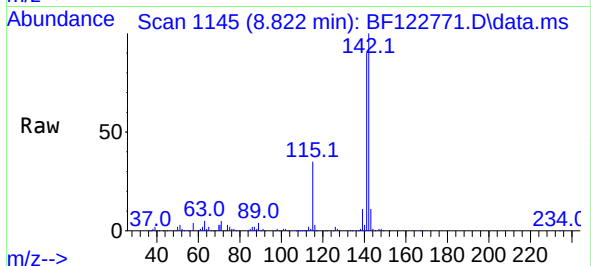
#36
4-Chloro-3-methylphenol
Concen: 41.09 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:107 Resp: 486458
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.2
142 79.0 64.4 96.6

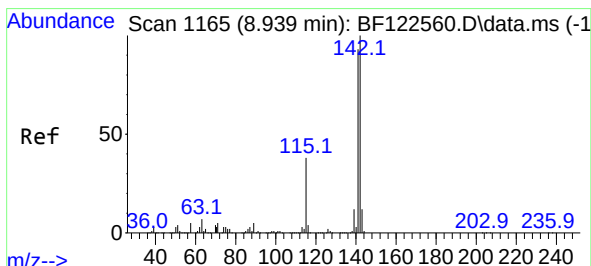
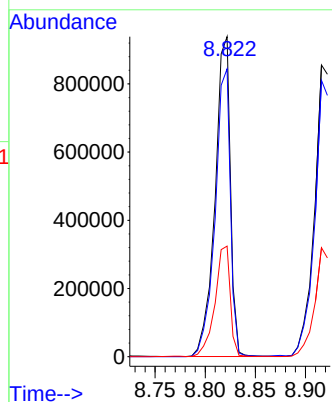
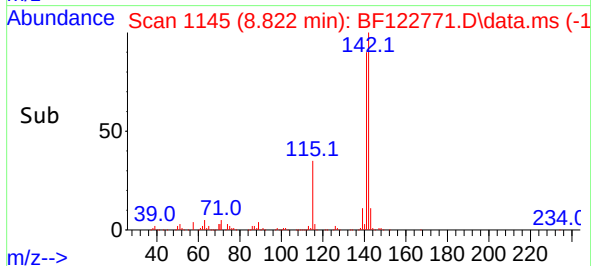




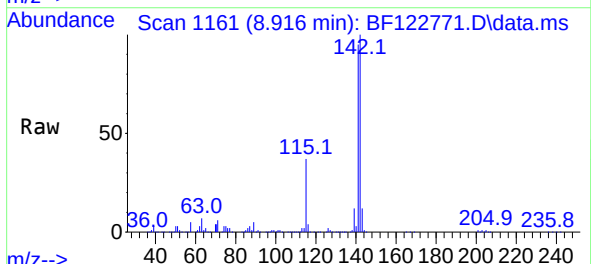
#37
2-Methylnaphthalene
Concen: 37.87 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



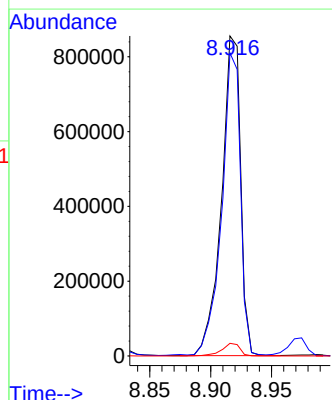
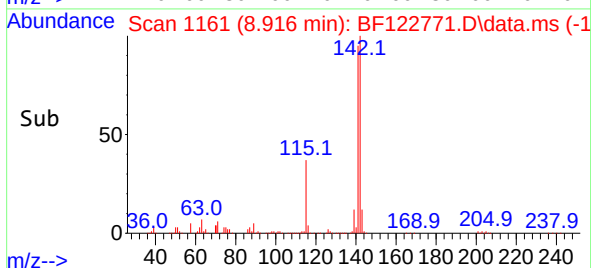
Tgt Ion:142 Resp: 1002349
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0
115 34.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 37.33 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



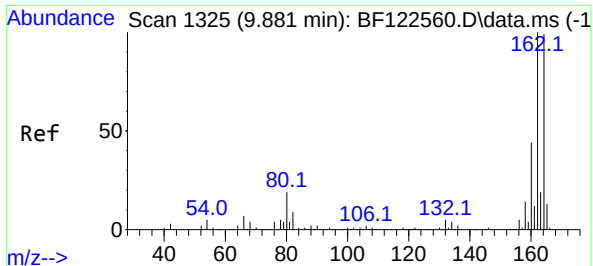
Tgt Ion:142 Resp: 934603
Ion Ratio Lower Upper
142 100
141 94.7 74.5 111.7
116 4.0 3.2 4.8



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF122771.D

Acq: 17 Dec 2020 18:38

Tgt Ion:164 Resp: 389545

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

160 45.2 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

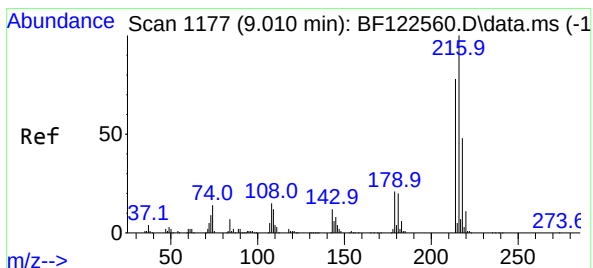
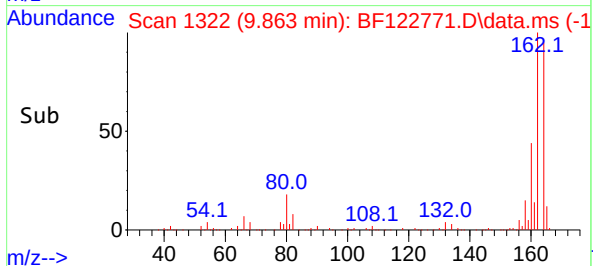
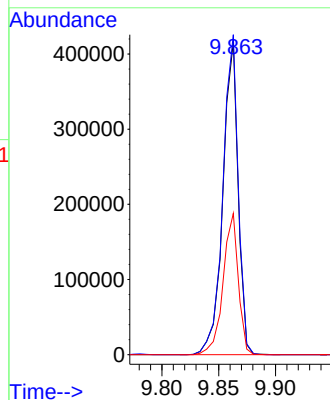
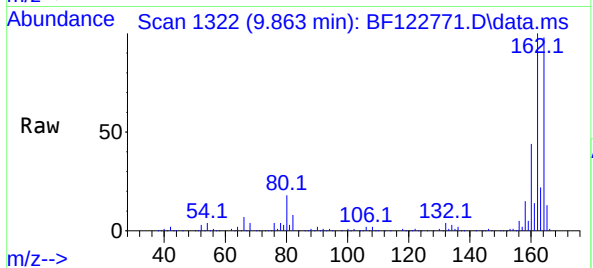
R-LA-37-2-WCMS

Manual Integrations

APPROVED

mohammad

12/21/2020 10:40:42 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.48 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF122771.D

Acq: 17 Dec 2020 18:38

Tgt Ion:216 Resp: 470721

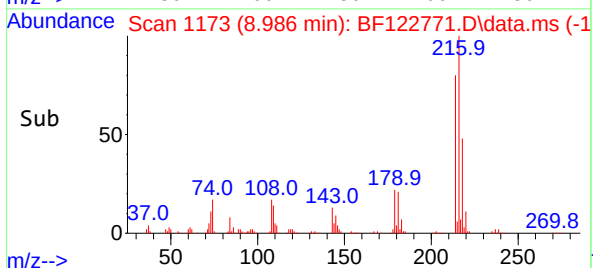
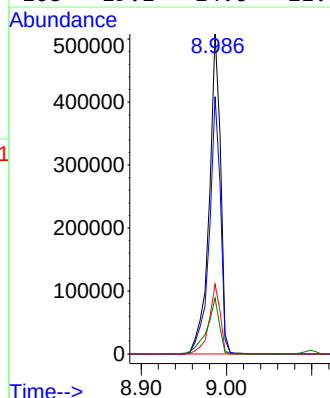
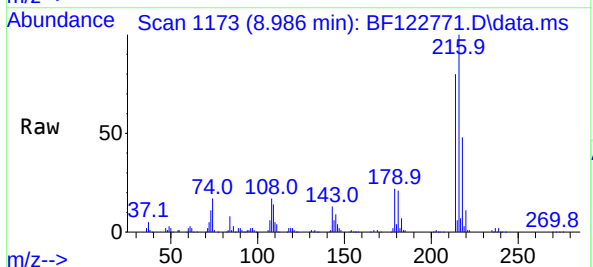
Ion Ratio Lower Upper

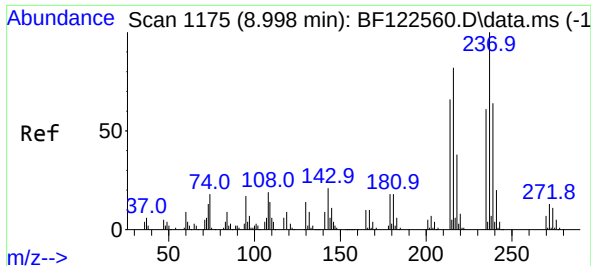
216 100

214 78.8 63.1 94.7

179 21.1 17.1 25.7

108 19.1 14.6 21.8





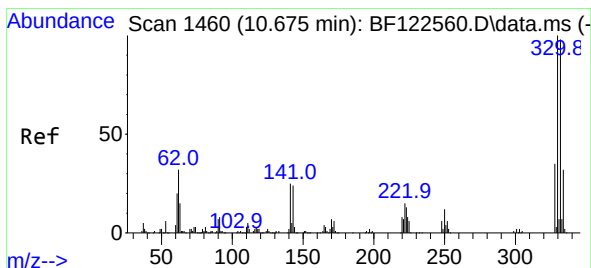
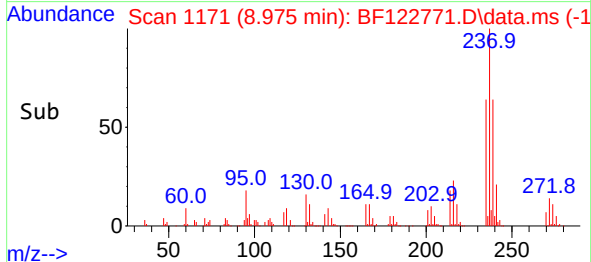
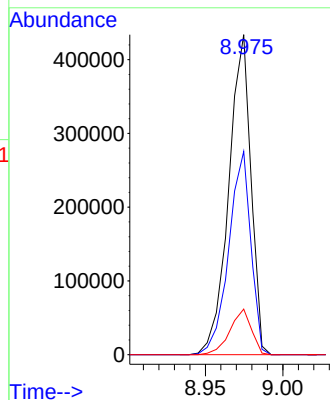
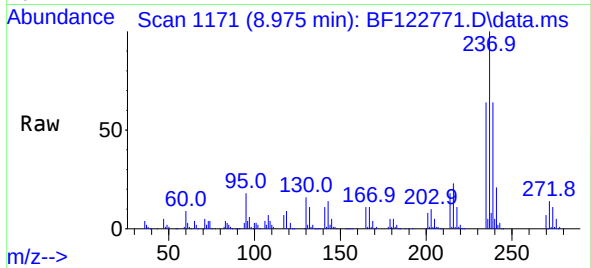
#41
Hexachlorocyclopentadiene
Concen: 75.70 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:237 Resp: 431862
Ion Ratio Lower Upper
237 100
235 63.5 40.9 80.9
272 14.2 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

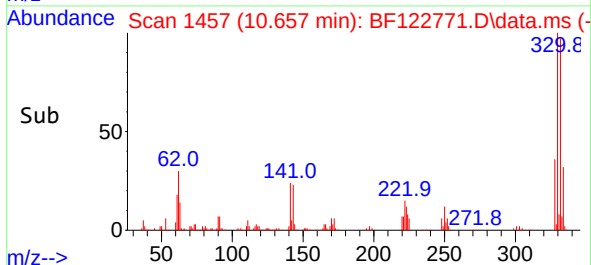
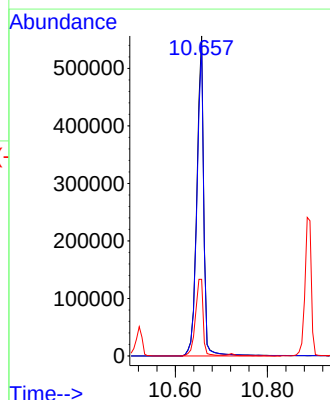
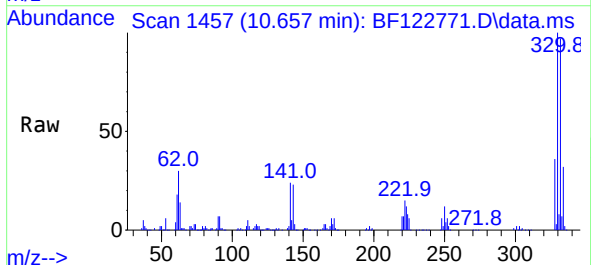
Manual Integrations
APPROVED

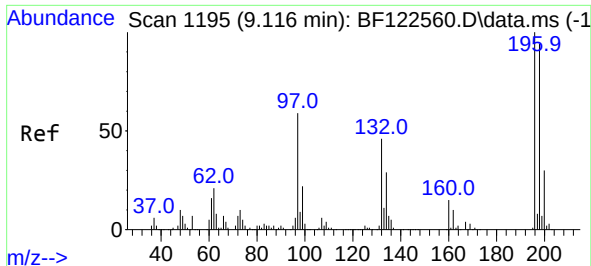
mohammad
12/21/2020 10:40:42 AM



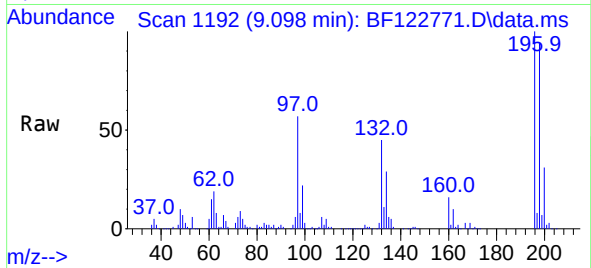
#42
2,4,6-Tribromophenol
Concen: 112.53 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:330 Resp: 573791
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 26.9 23.8 35.8

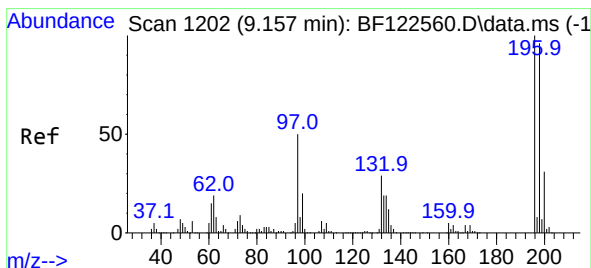
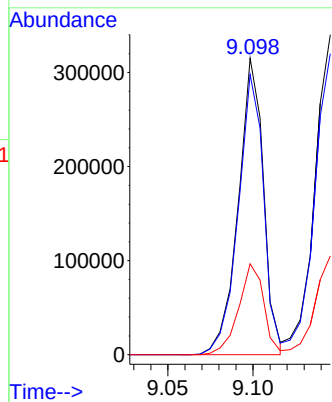
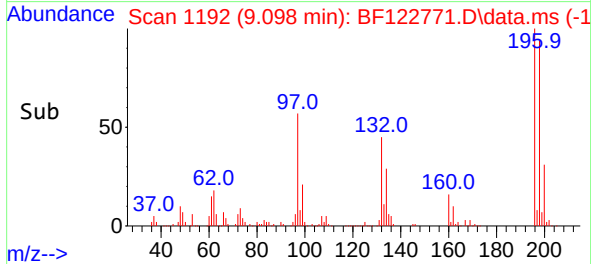




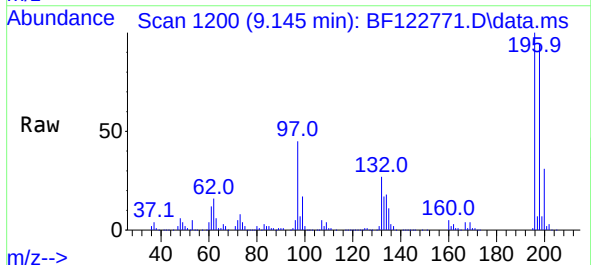
#43
2,4,6-Trichlorophenol
Concen: 36.37 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



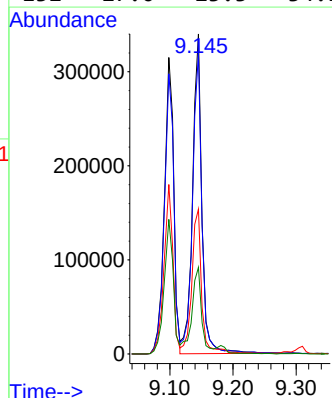
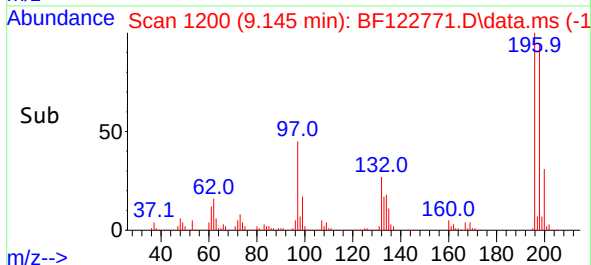
Tgt Ion:196 Resp: 324053
Ion Ratio Lower Upper
196 100
198 94.5 75.1 112.7
200 30.6 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 38.12 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



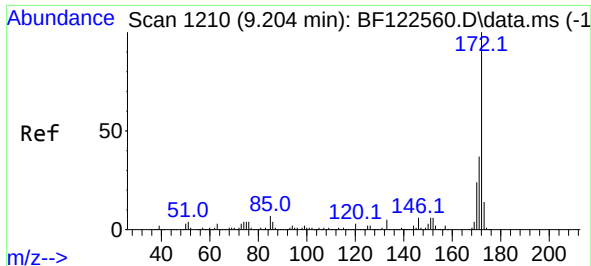
Tgt Ion:196 Resp: 351125
Ion Ratio Lower Upper
196 100
198 94.0 76.5 114.7
97 45.3 40.1 60.1
132 27.0 23.3 34.9



Instrument :
BNA_F
ClientSampled :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



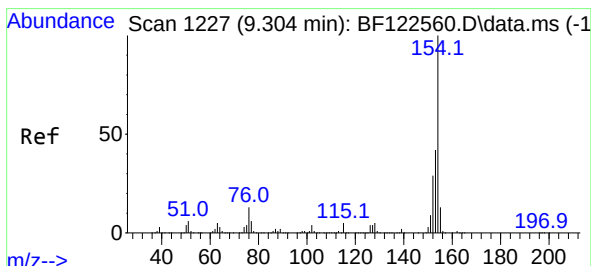
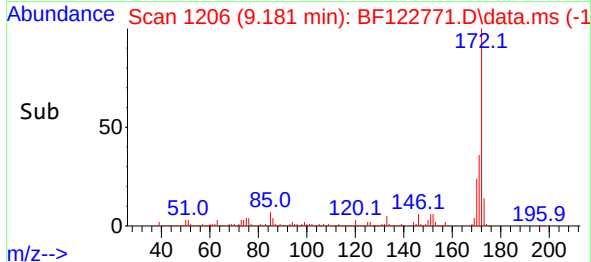
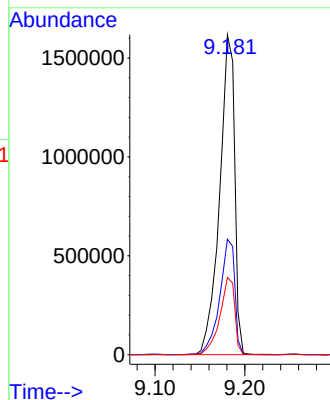
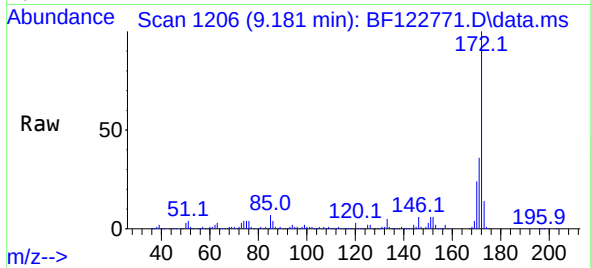
#45
2-Fluorobiphenyl
Concen: 65.63 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:172 Resp: 1890304
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.5 29.3

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

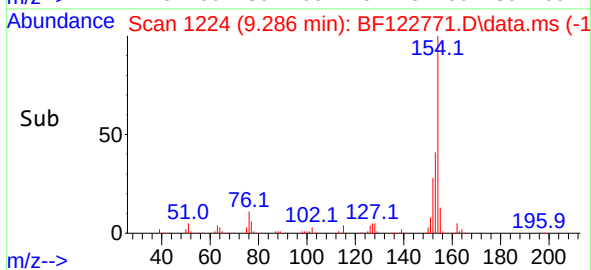
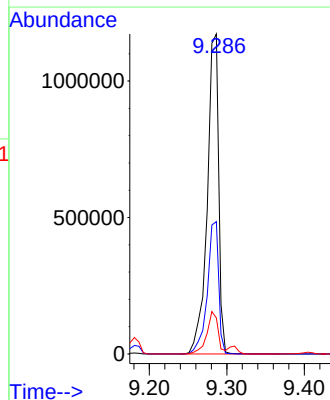
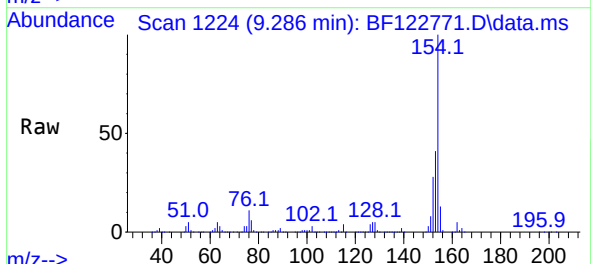
Manual Integrations
APPROVED

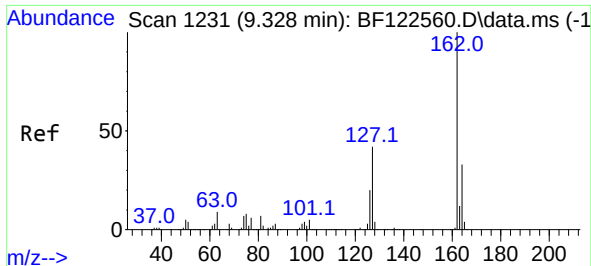
mohammad
12/21/2020 10:40:42 AM



#46
1,1'-Biphenyl
Concen: 37.17 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:154 Resp: 1201521
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 11.3 0.0 33.4





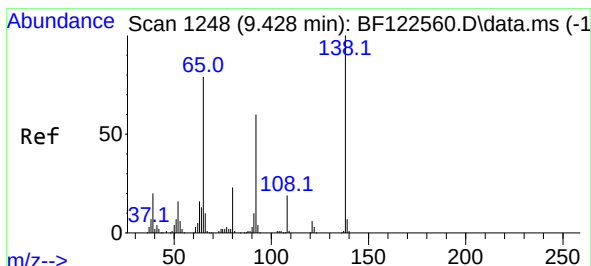
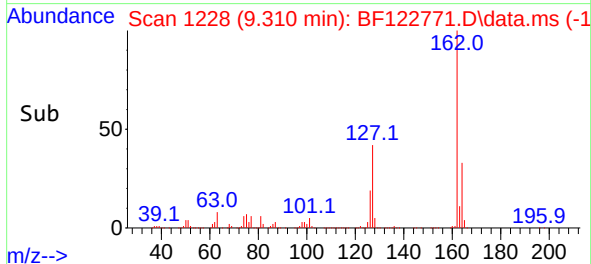
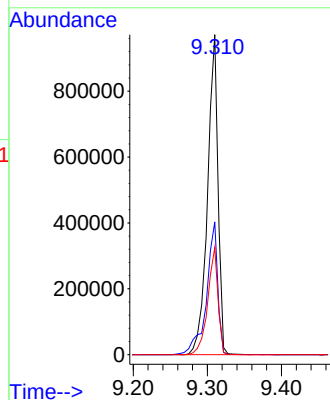
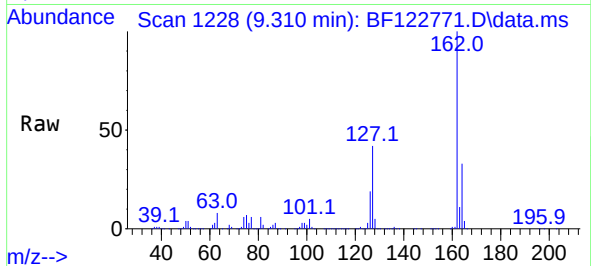
#47
2-Chloronaphthalene
Concen: 35.79 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:162 Resp: 958708
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.8
164 33.5 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

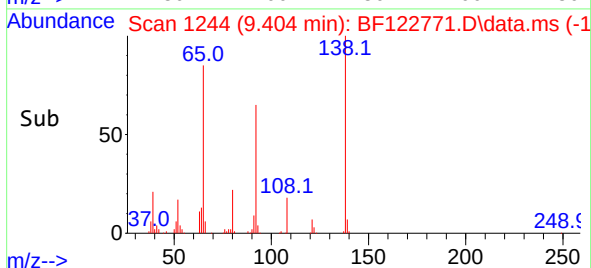
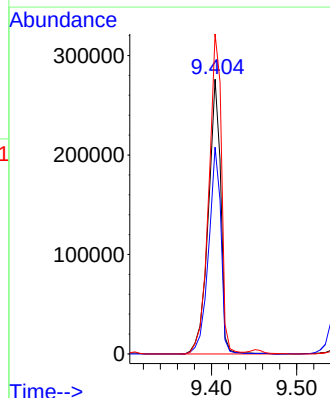
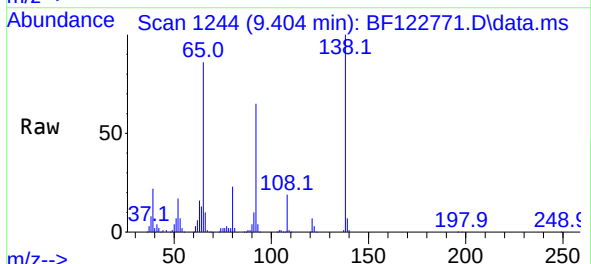
Manual Integrations
APPROVED

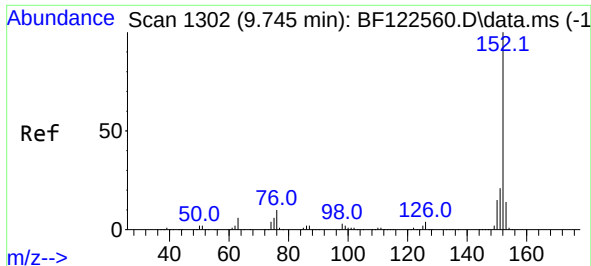
mohammad
12/21/2020 10:40:42 AM



#48
2-Nitroaniline
Concen: 35.74 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 65 Resp: 279078
Ion Ratio Lower Upper
65 100
92 75.3 60.0 90.0
138 116.5 100.6 151.0





#49

Acenaphthylene

Concen: 37.14 ng

RT: 9.728 min Scan# 1299

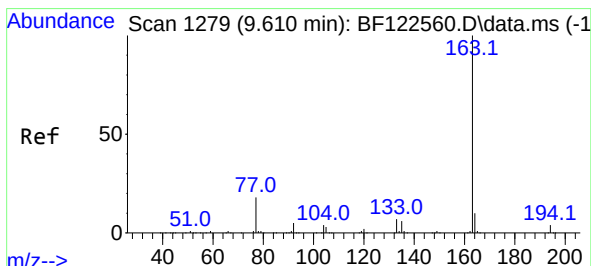
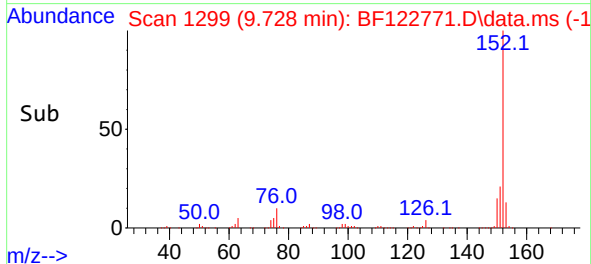
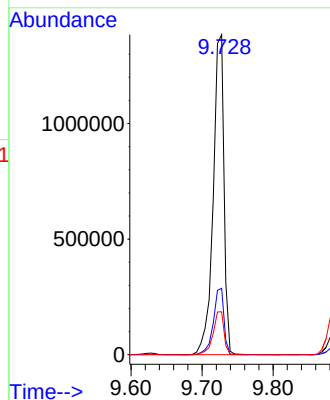
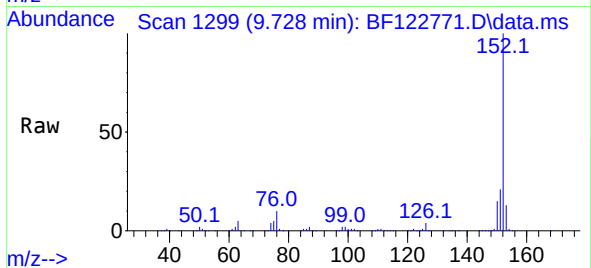
Delta R.T. 0.006 min

Lab File: BF122771.D

Acq: 17 Dec 2020 18:38

Tgt Ion:152 Resp: 1469293

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.4	10.9	16.3



#50

Dimethylphthalate

Concen: 43.54 ng

RT: 9.586 min Scan# 1275

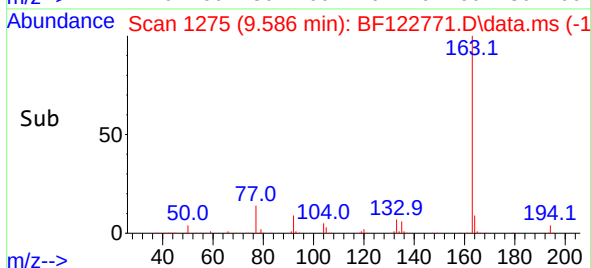
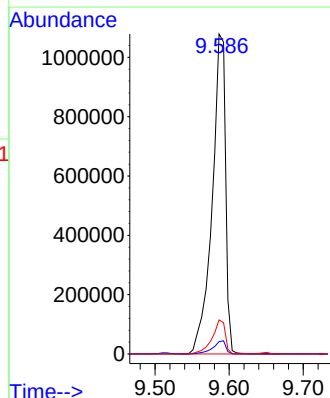
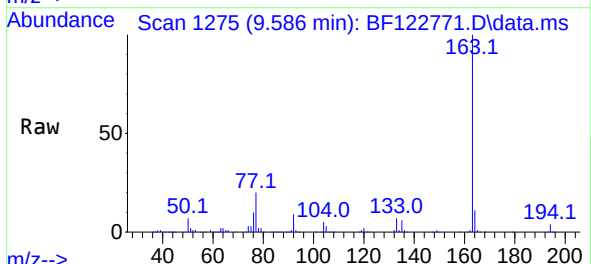
Delta R.T. -0.000 min

Lab File: BF122771.D

Acq: 17 Dec 2020 18:38

Tgt Ion:163 Resp: 1354499

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.7	8.1	12.1



Instrument :

BNA_F

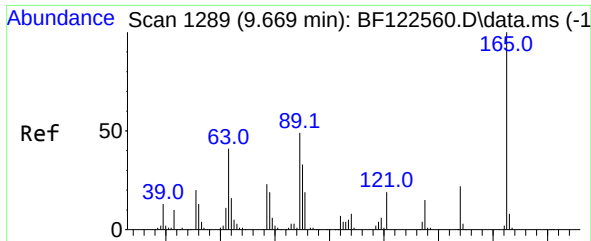
ClientSampleId :

R-LA-37-2-WCMS

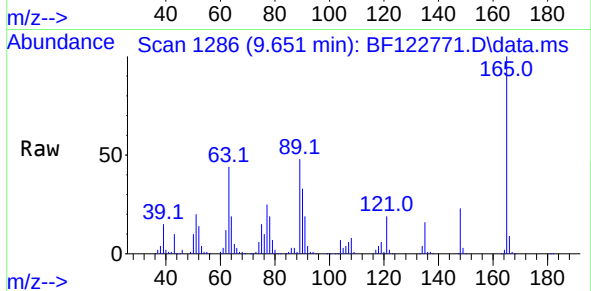
Manual Integrations

APPROVED

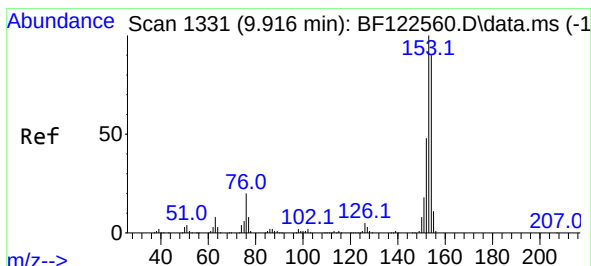
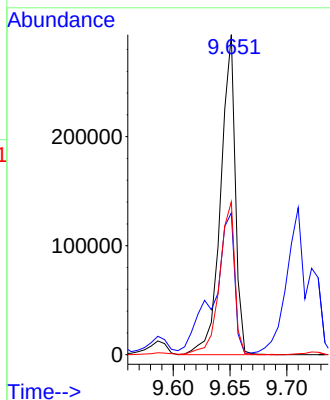
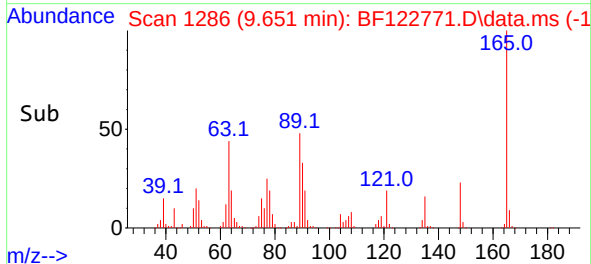
mohammad
12/21/2020 10:40:42 AM



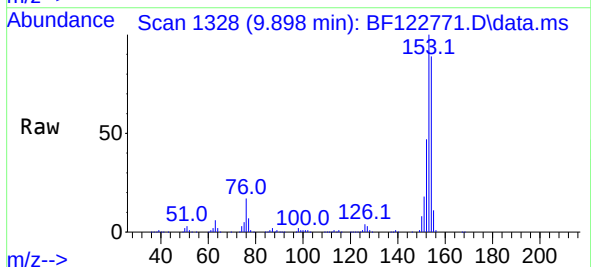
#51
2,6-Dinitrotoluene
Concen: 40.13 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



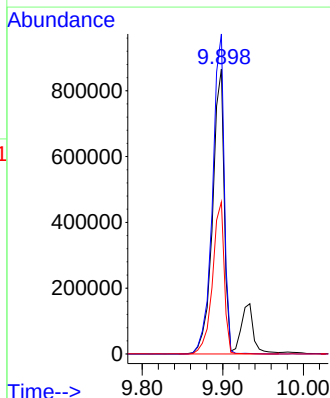
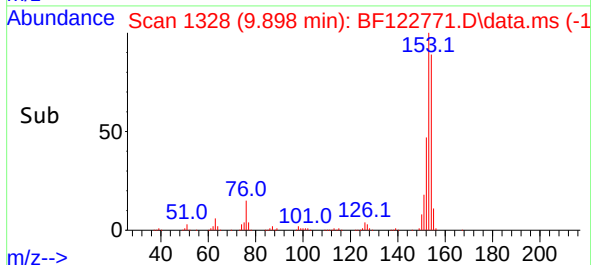
Tgt Ion:165 Resp: 263676
Ion Ratio Lower Upper
165 100
63 44.3 36.6 55.0
89 47.8 39.4 59.0



#52
Acenaphthene
Concen: 40.29 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



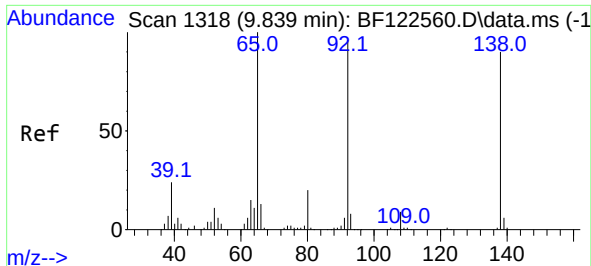
Tgt Ion:154 Resp: 1031257
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 53.3 42.7 64.1



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



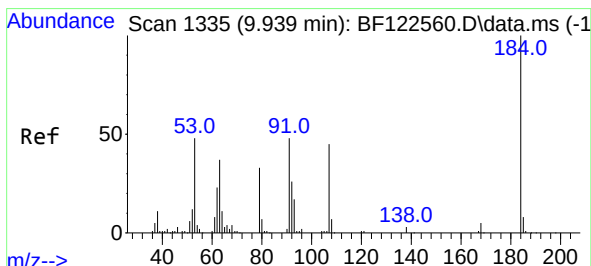
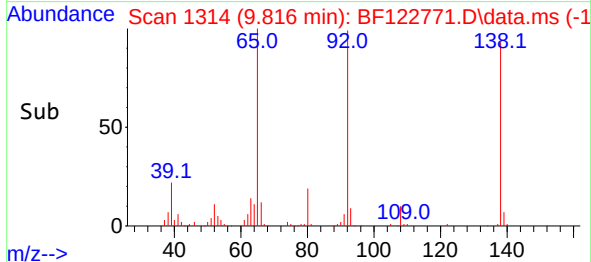
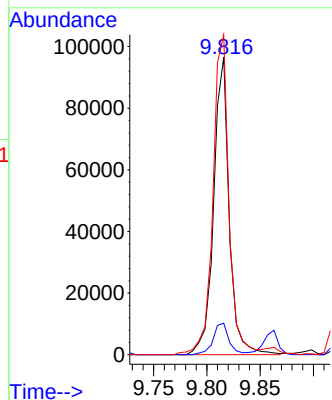
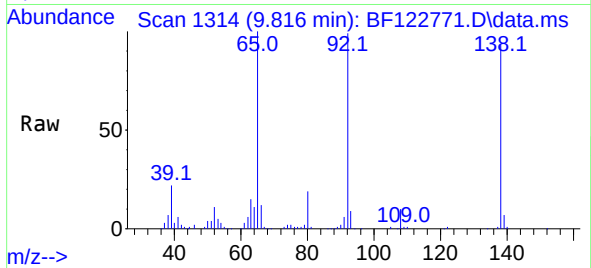
#53
3-Nitroaniline
Concen: 12.90 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:138 Resp: 97925
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 107.5 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

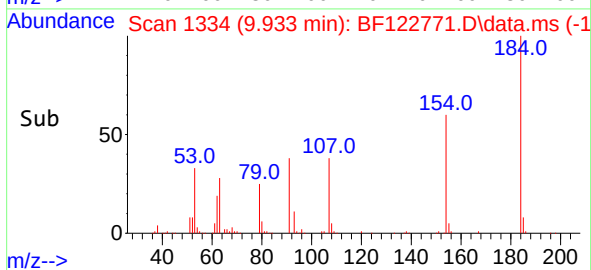
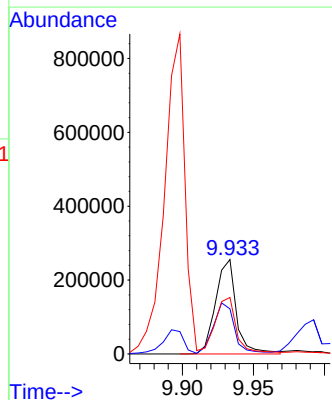
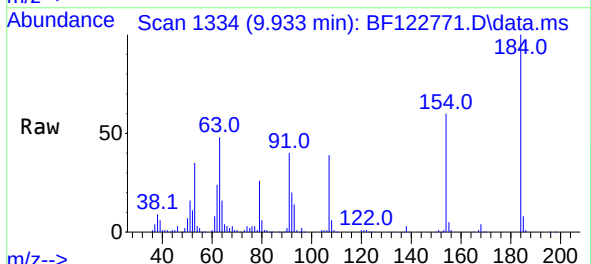
Manual Integrations
APPROVED

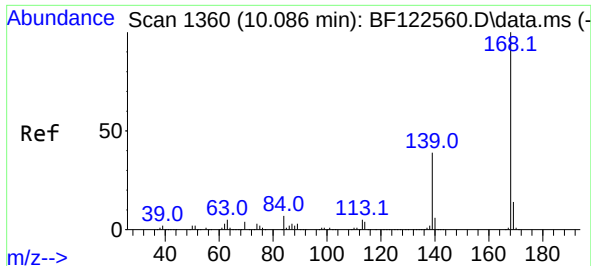
mohammad
12/21/2020 10:40:42 AM



#54
2,4-Dinitrophenol
Concen: 81.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

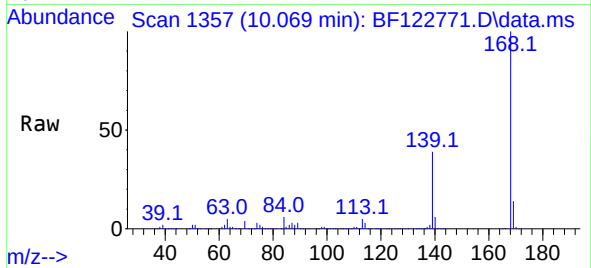
Tgt Ion:184 Resp: 260223
Ion Ratio Lower Upper
184 100
63 47.8 51.4 77.2#
154 59.8 49.7 74.5





#55
Dibenzenofuran
Concen: 36.74 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

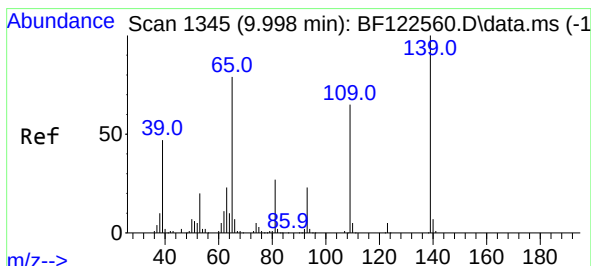
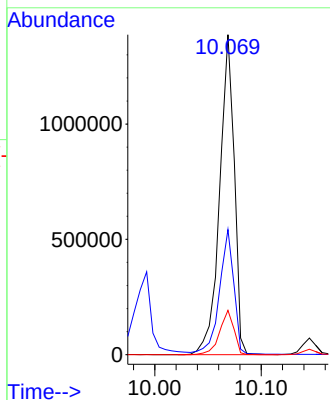
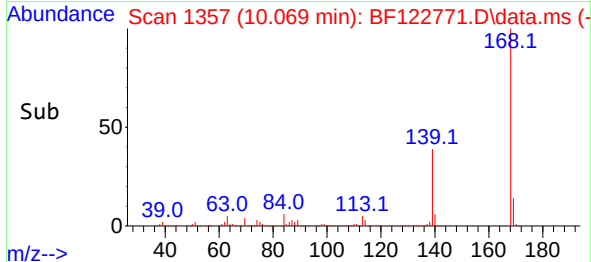
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



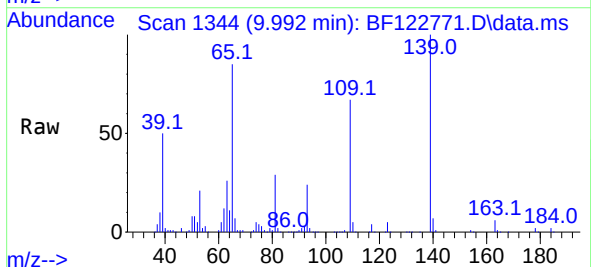
Tgt Ion:168 Resp: 1322802
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.9 11.2 16.8

Manual Integrations
APPROVED

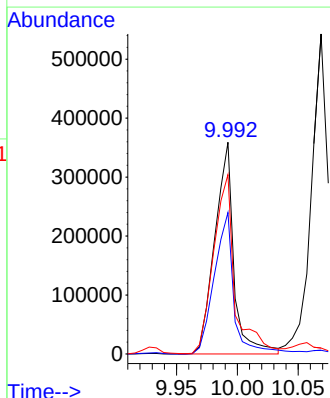
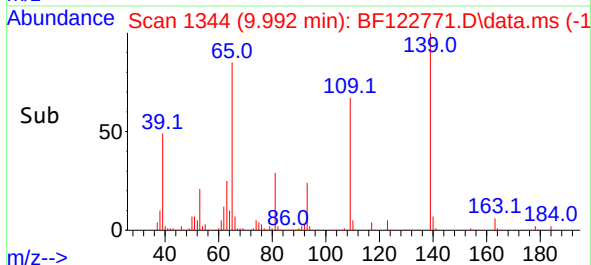
mohammad
12/21/2020 10:40:42 AM

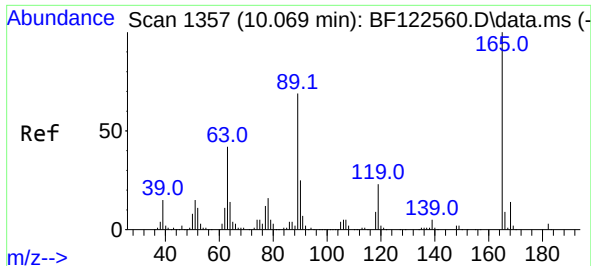


#56
4-Nitrophenol
Concen: 72.84 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.018 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



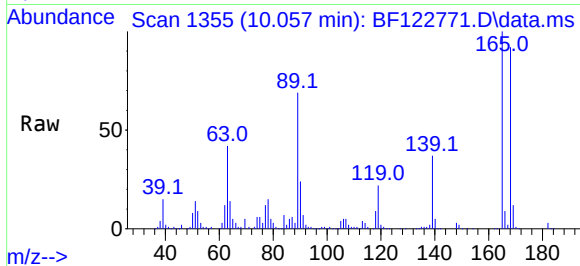
Tgt Ion:139 Resp: 394314
Ion Ratio Lower Upper
139 100
109 66.9 45.1 85.1
65 84.7 59.2 99.2





#57
2,4-Dinitrotoluene
Concen: 39.35 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

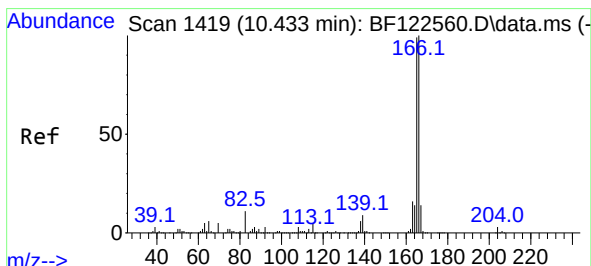
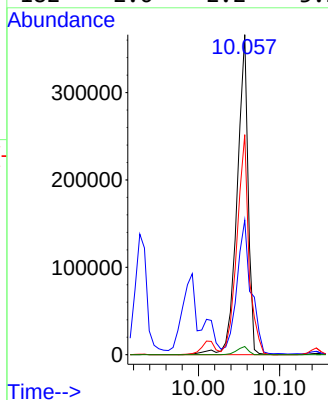
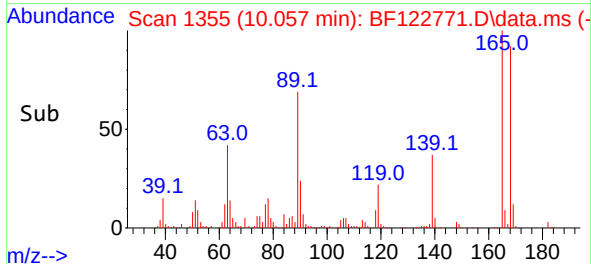
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



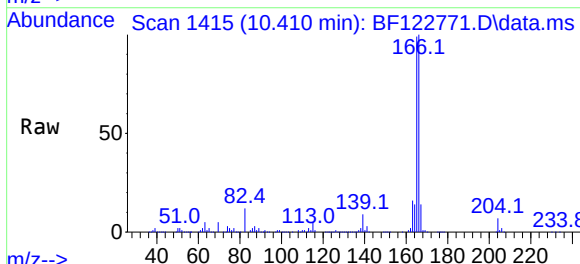
Tgt Ion:165 Resp: 344390
Ion Ratio Lower Upper
165 100
63 42.0 34.3 51.5
89 68.8 55.2 82.8
182 2.6 2.2 3.2

Manual Integrations
APPROVED

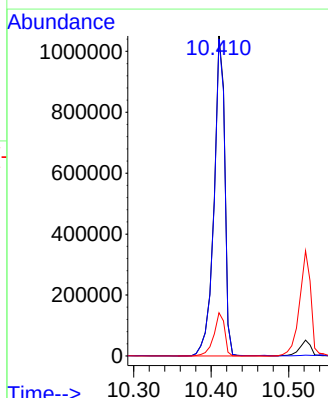
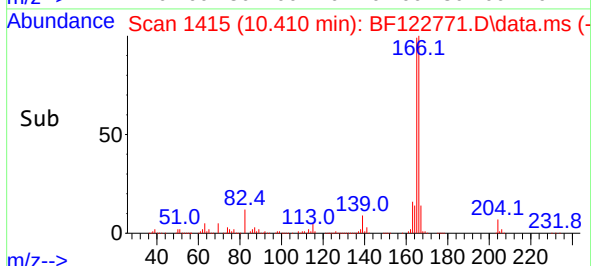
mohammad
12/21/2020 10:40:42 AM

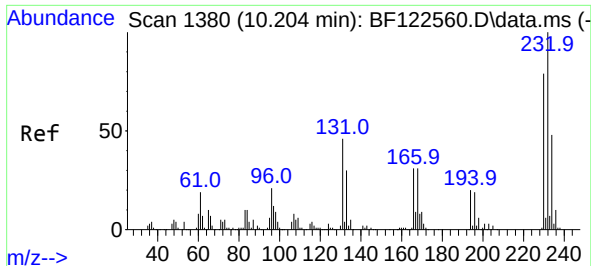


#58
Fluorene
Concen: 35.62 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion:166 Resp: 1020039
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.0
167 13.5 10.9 16.3





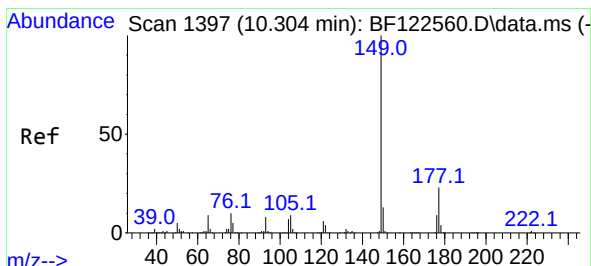
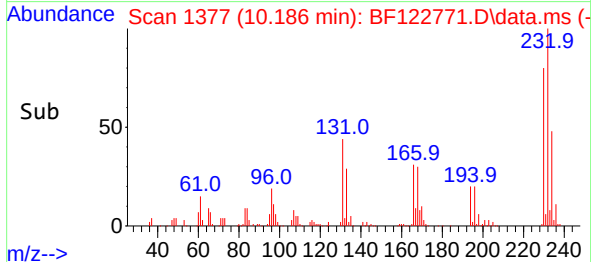
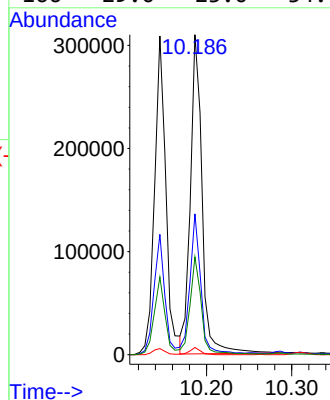
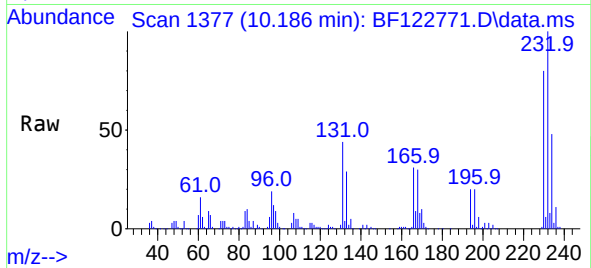
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.45 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:	232	Resp:	295010
Ion Ratio	Lower	Upper	
232	100		
131	40.7	33.0	49.4
130	2.1	1.7	2.5
166	29.0	23.0	34.4

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

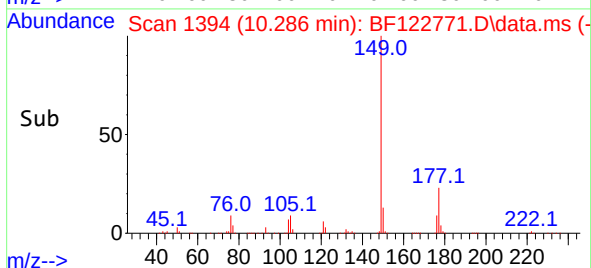
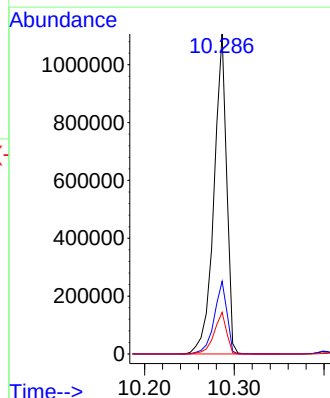
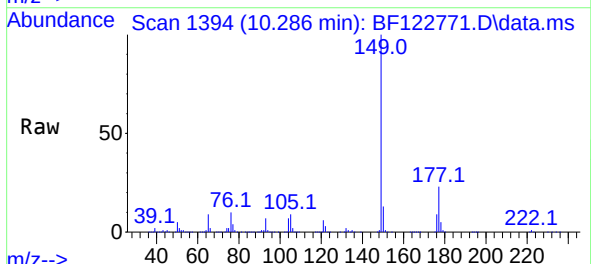
Manual Integrations
APPROVED

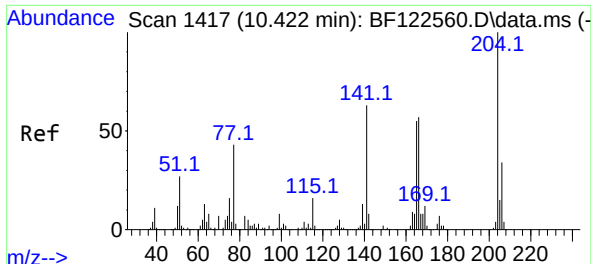
mohammad
12/21/2020 10:40:42 AM



#60
Diethylphthalate
Concen: 35.88 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

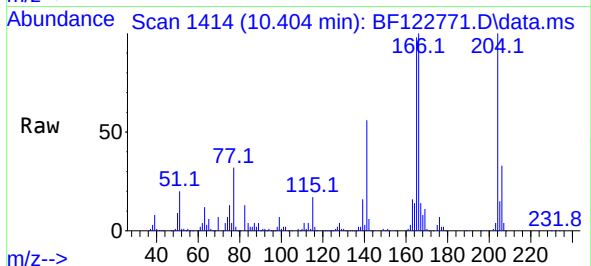
Tgt Ion:	149	Resp:	1085677
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.2	27.4
150	13.0	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 35.05 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

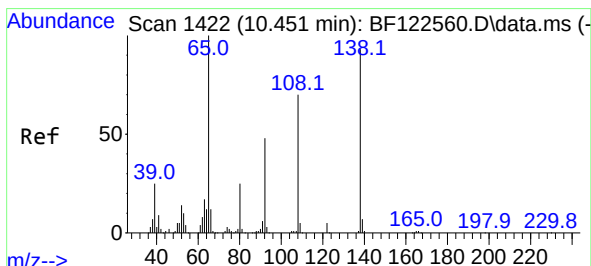
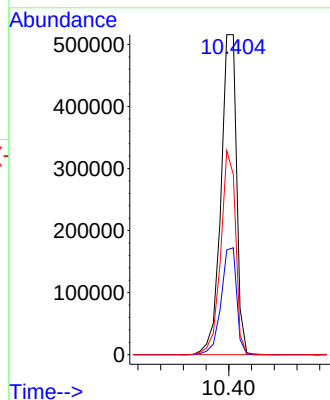
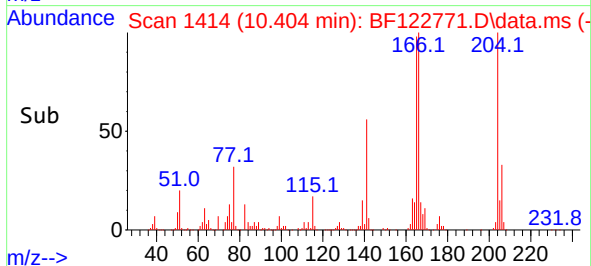
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



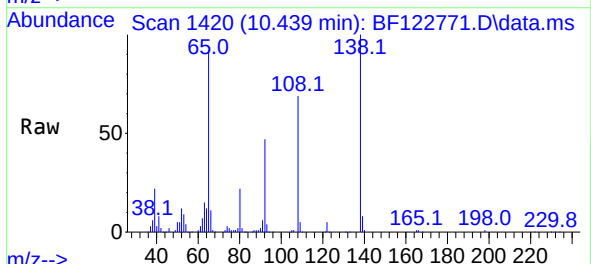
Tgt Ion:204 Resp: 494285
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 56.3 50.4 75.6

Manual Integrations
APPROVED

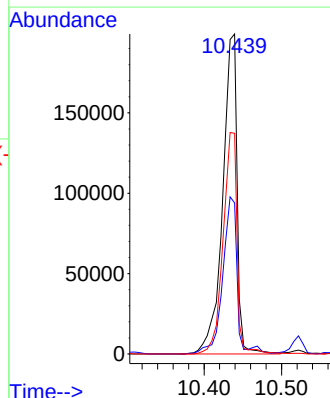
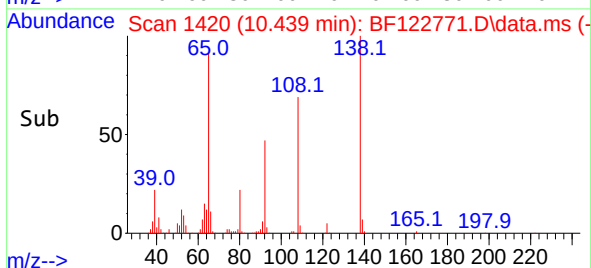
mohammad
12/21/2020 10:40:42 AM

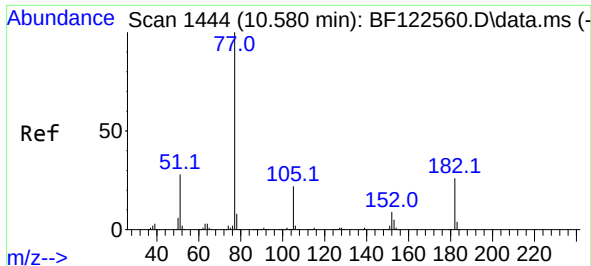


#62
4-Nitroaniline
Concen: 33.44 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

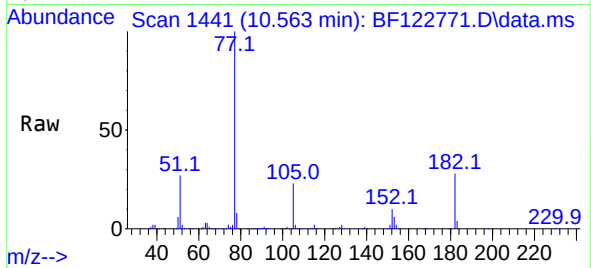


Tgt Ion:138 Resp: 257735
Ion Ratio Lower Upper
138 100
92 47.2 31.0 71.0
108 68.9 54.8 94.8

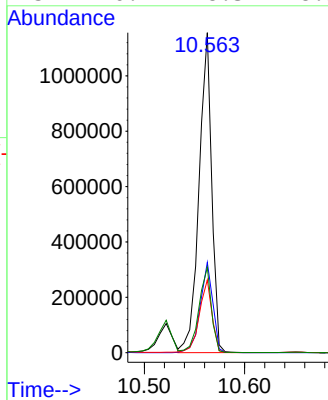
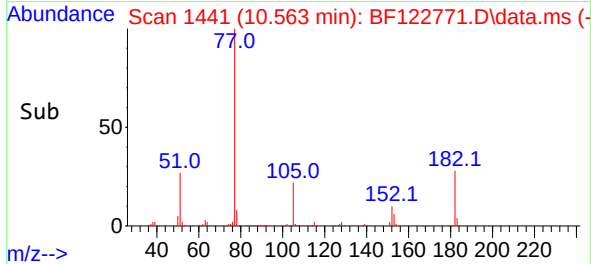




#63
Azobenzene
Concen: 36.59 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



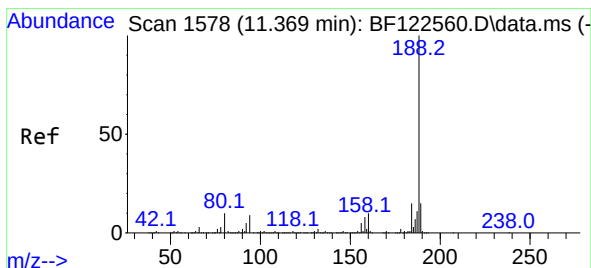
Tgt Ion: 77 Resp: 1017637
Ion Ratio Lower Upper
77 100
182 28.2 5.6 45.6
105 22.8 1.8 41.8
51 26.7 8.3 48.3



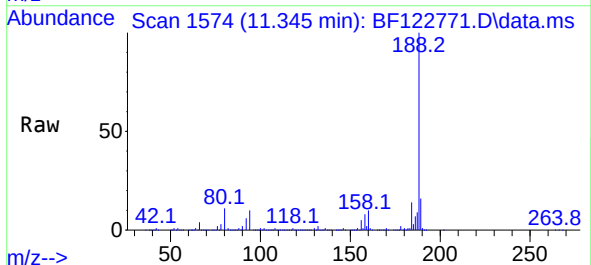
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

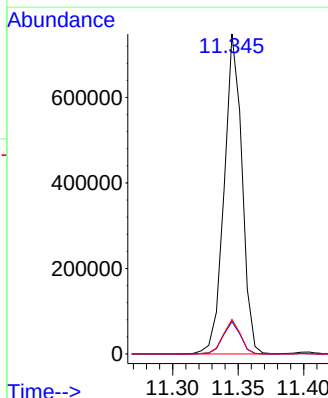
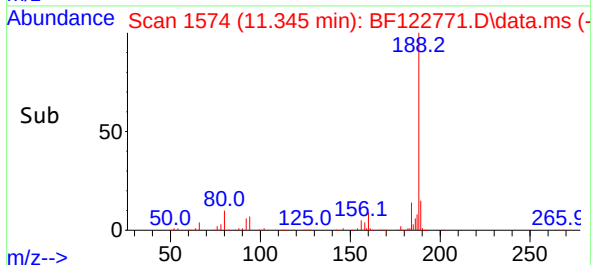
mohammad
12/21/2020 10:40:42 AM

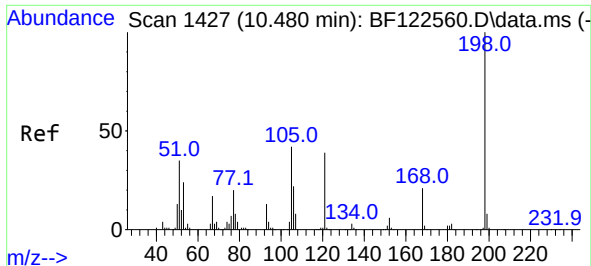


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion: 188 Resp: 707461
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.8 8.2 12.4





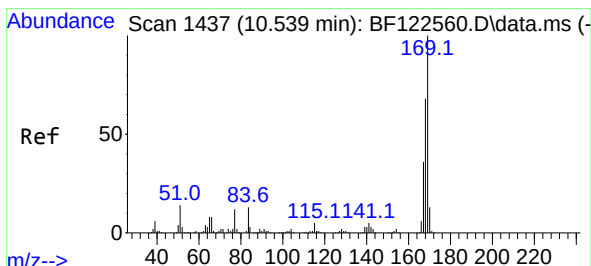
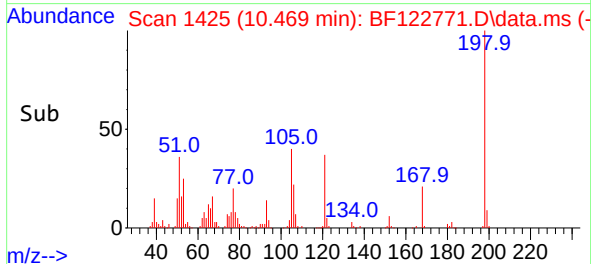
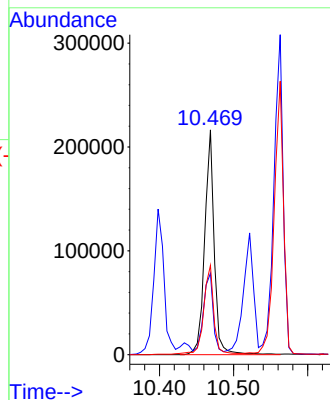
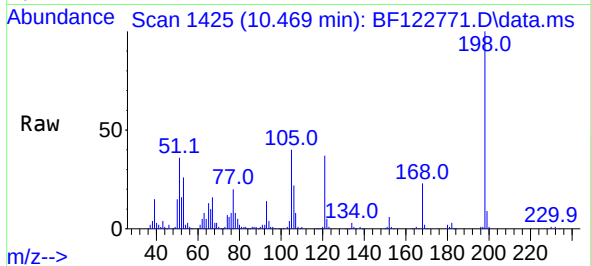
#65
4,6-Dinitro-2-methylphenol
Concen: 45.20 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:198 Resp: 194988
Ion Ratio Lower Upper
198 100
51 36.2 20.3 60.3
105 39.7 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

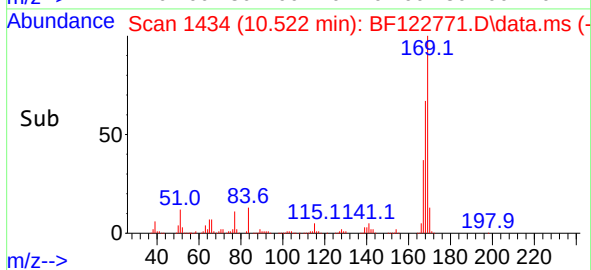
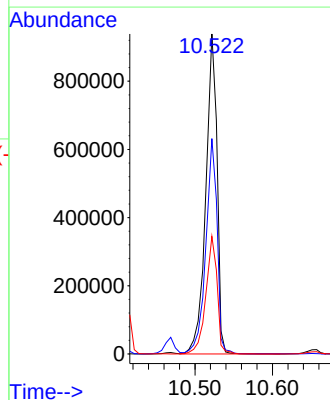
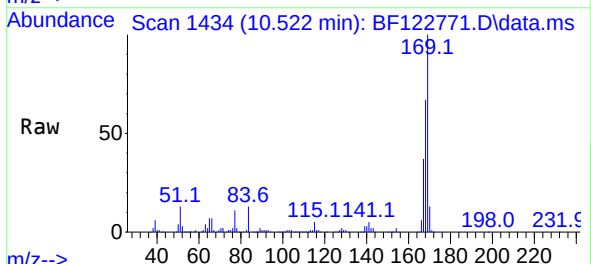
Manual Integrations
APPROVED

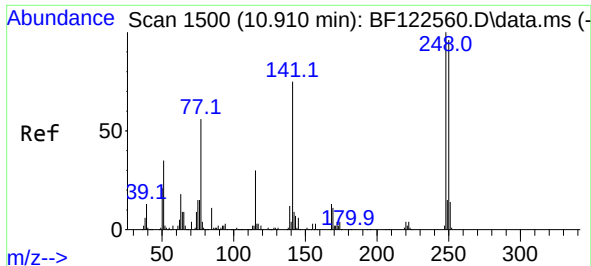
mohammad
12/21/2020 10:40:42 AM



#66
n-Nitrosodiphenylamine
Concen: 37.97 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:169 Resp: 949064
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 36.8 29.2 43.8





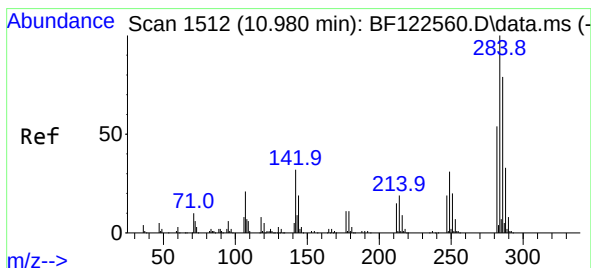
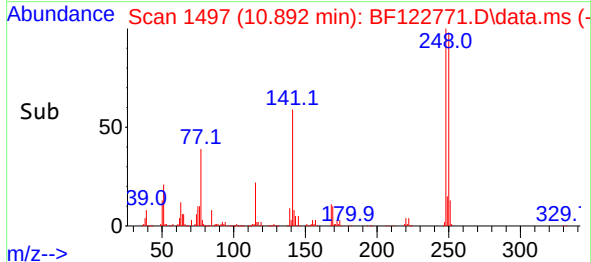
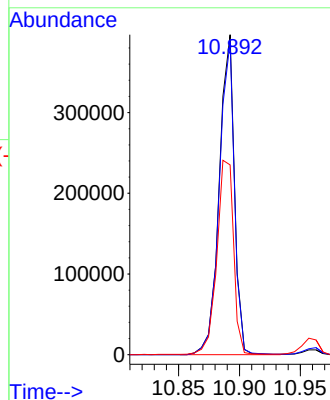
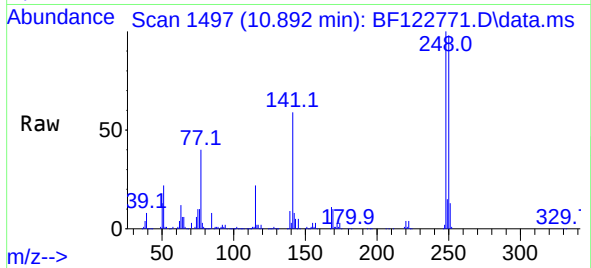
#67
4-Bromophenyl-phenylether
Concen: 35.91 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:248 Resp: 344268
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 59.3 59.8 89.8#

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

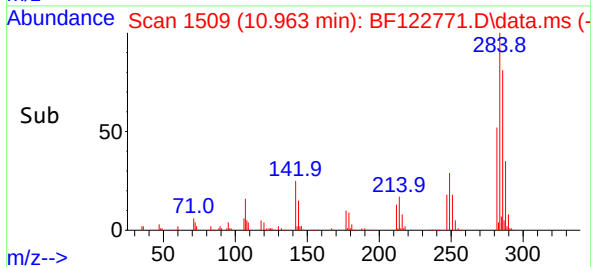
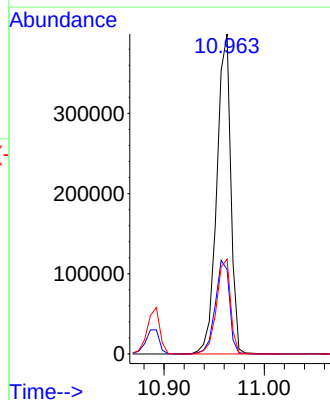
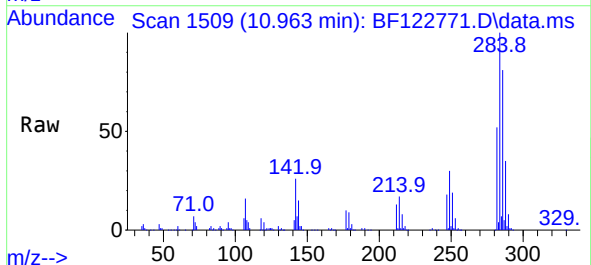
Manual Integrations
APPROVED

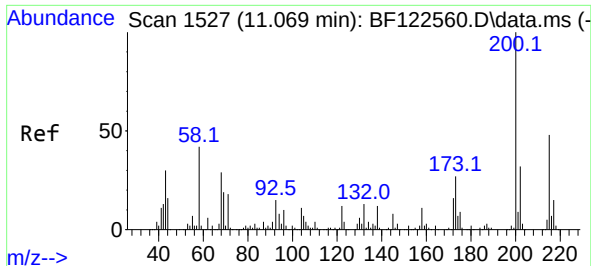
mohammad
12/21/2020 10:40:42 AM



#68
Hexachlorobenzene
Concen: 36.39 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:284 Resp: 385657
Ion Ratio Lower Upper
284 100
142 26.4 25.6 38.4
249 29.6 25.1 37.7





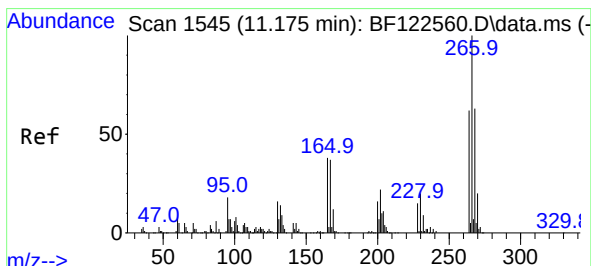
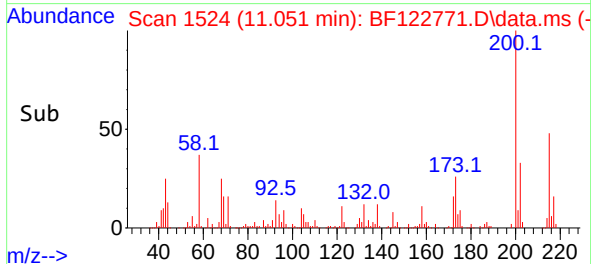
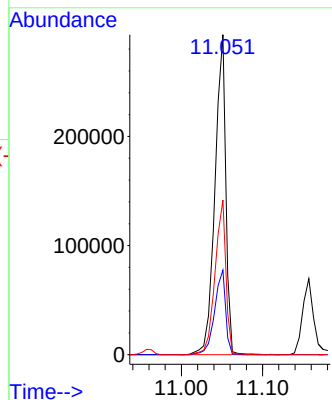
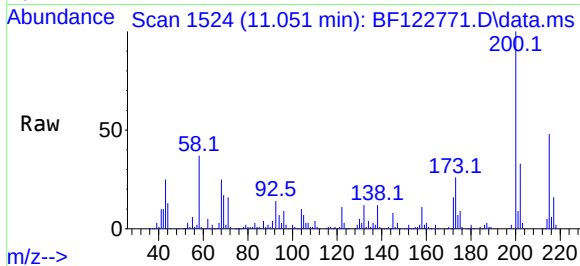
#69
Atrazine
Concen: 33.47 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:200 Resp: 271699
Ion Ratio Lower Upper
200 100
173 26.4 6.6 46.6
215 48.3 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

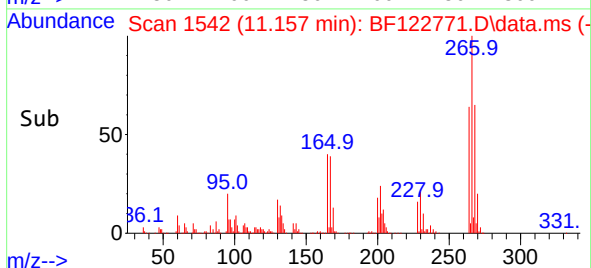
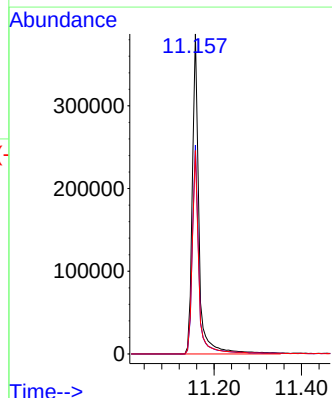
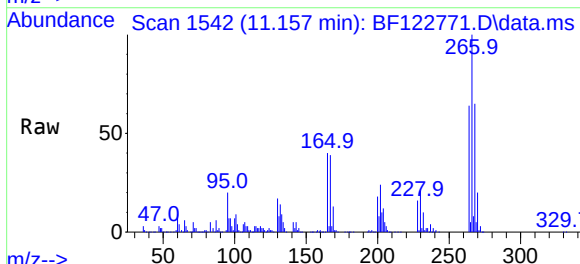
Manual Integrations
APPROVED

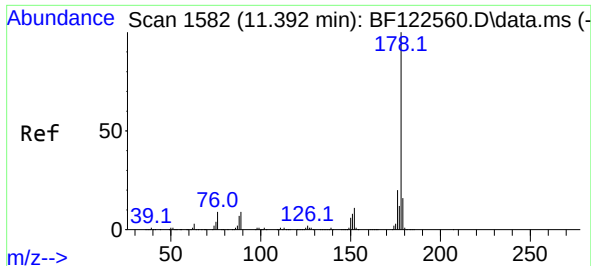
mohammad
12/21/2020 10:40:42 AM



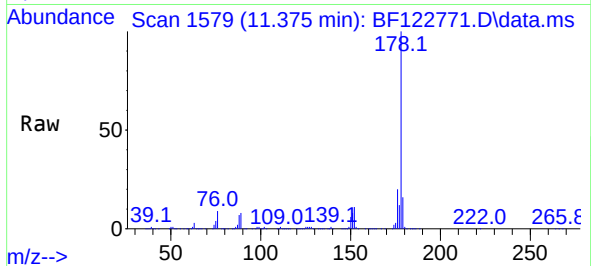
#70
Pentachlorophenol
Concen: 73.07 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:266 Resp: 410310
Ion Ratio Lower Upper
266 100
268 65.2 50.5 75.7
264 63.5 49.8 74.8

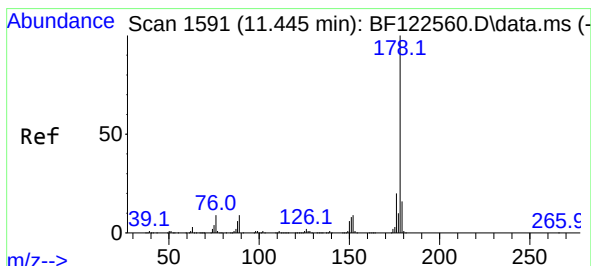
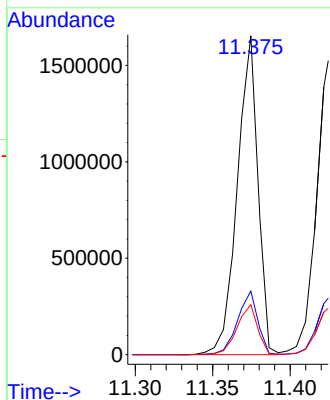
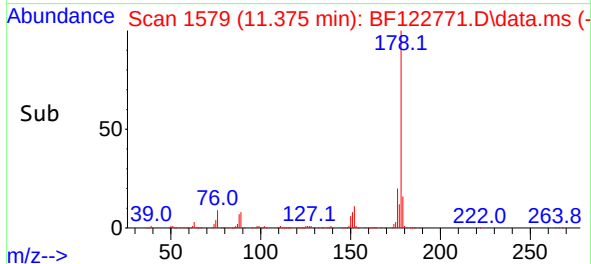




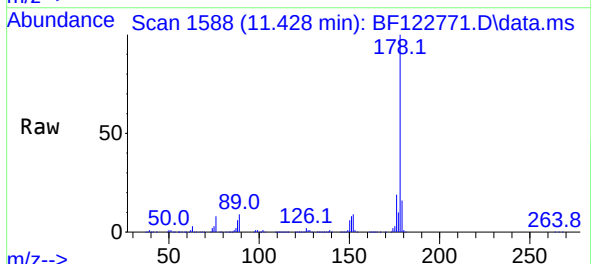
#71
Phenanthrene
Concen: 36.40 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



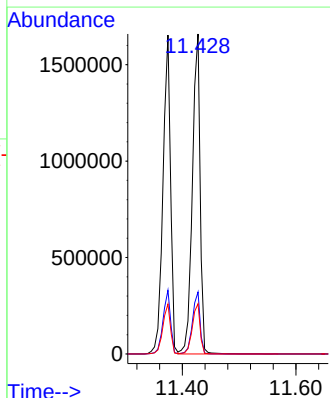
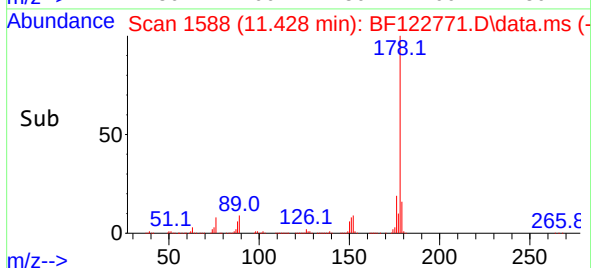
Tgt Ion:178 Resp: 1530369
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 37.95 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



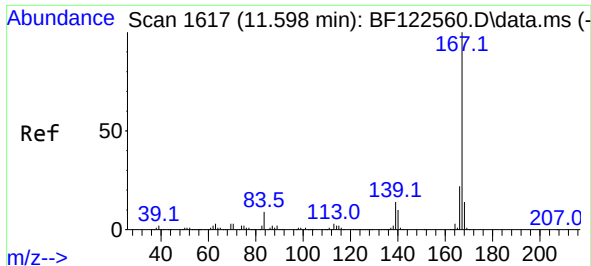
Tgt Ion:178 Resp: 1582157
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.8 19.2



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

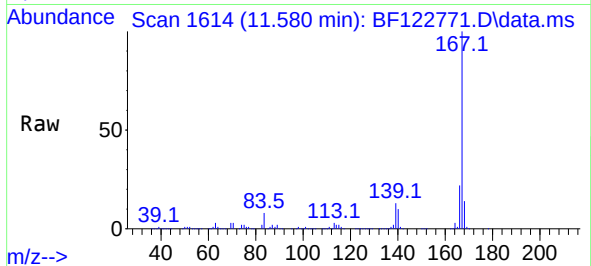
Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM



#73
 Carbazole
 Concen: 37.47 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122771.D
 Acq: 17 Dec 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-37-2-WCMS

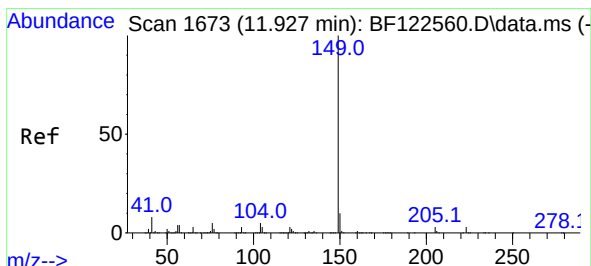
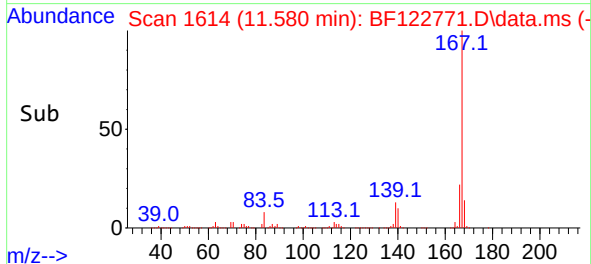
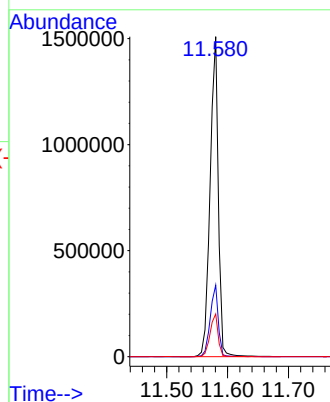


Tgt Ion:167 Resp: 1416894

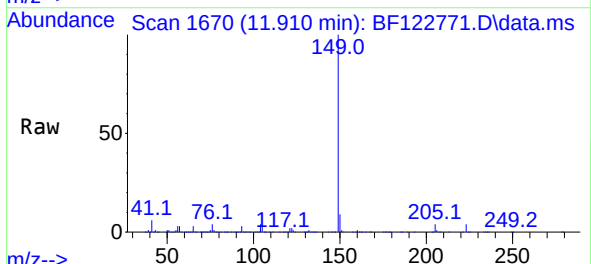
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.4	10.9	16.3

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:40:42 AM

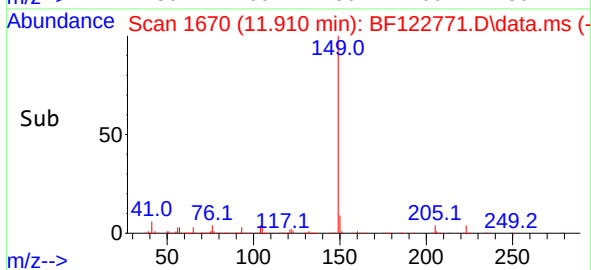
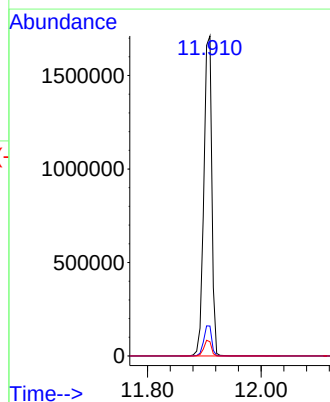


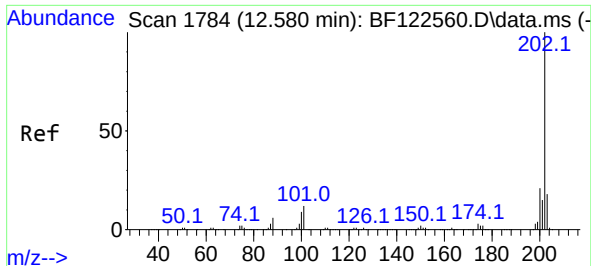
#74
 Di-n-butylphthalate
 Concen: 34.91 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF122771.D
 Acq: 17 Dec 2020 18:38



Tgt Ion:149 Resp: 1658372

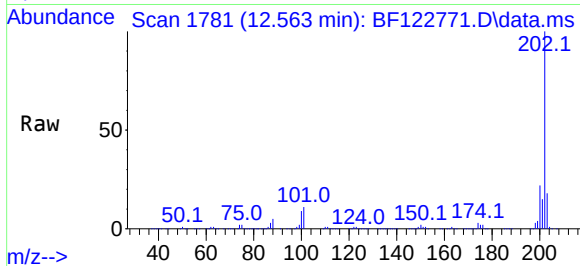
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.5	4.2	6.4





#75
Fluoranthene
Concen: 36.63 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

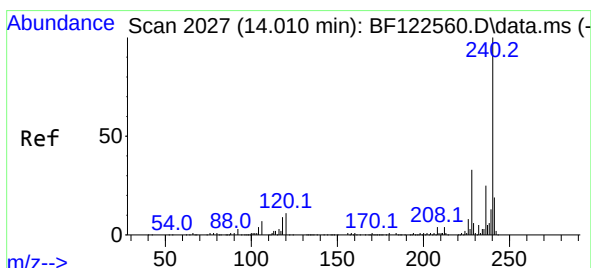
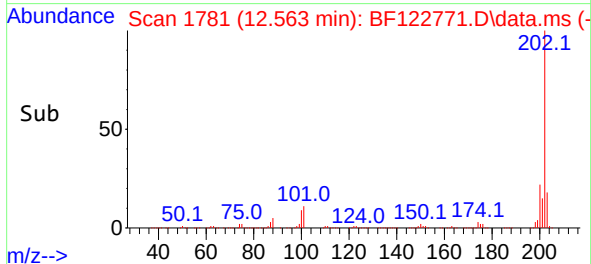
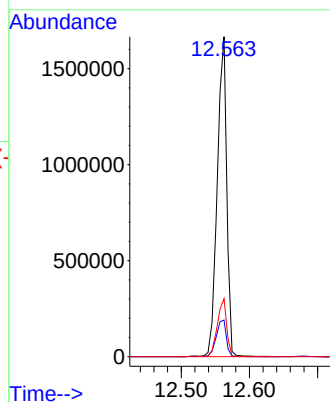
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



Tgt Ion:202 Resp: 1615066
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 18.1 0.0 38.1

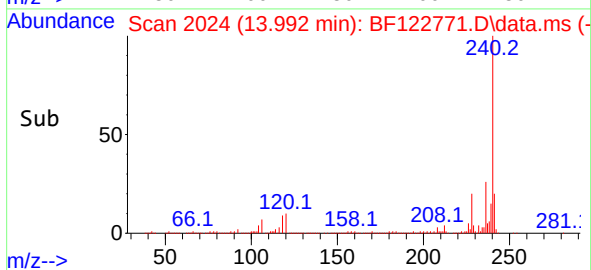
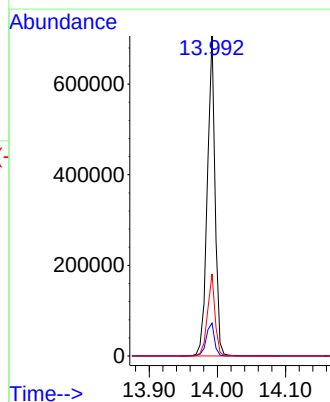
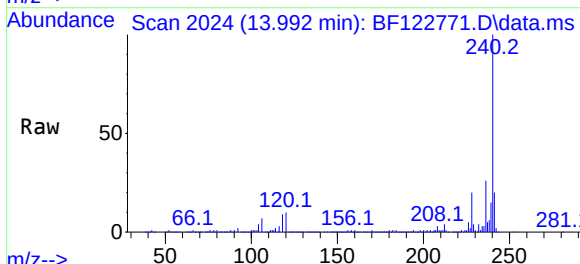
Manual Integrations
APPROVED

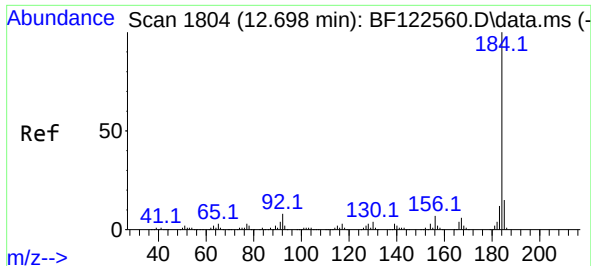
mohammad
12/21/2020 10:40:42 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:240 Resp: 559579
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.7 20.3 30.5





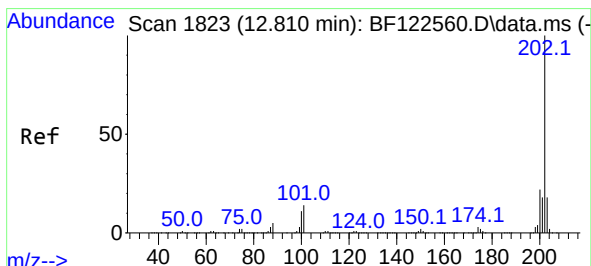
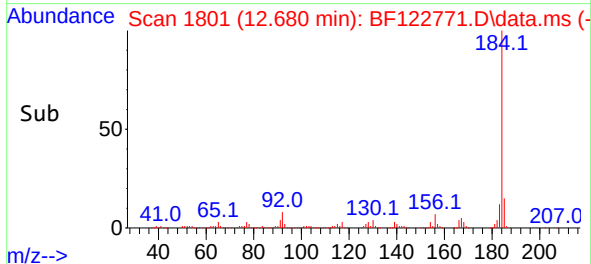
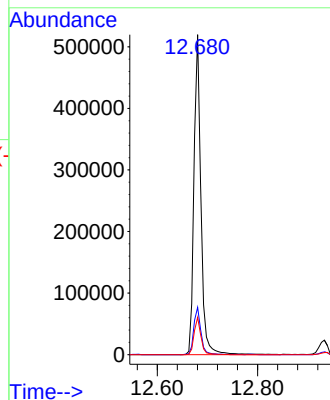
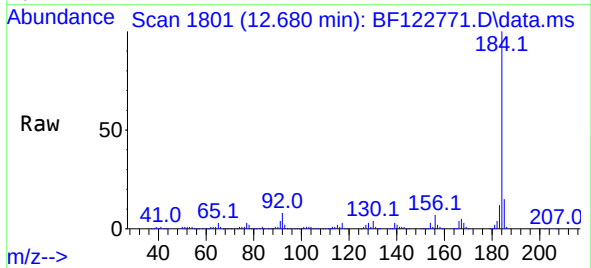
#77
Benzidine
Concen: 41.31 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:184 Resp: 500033
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 11.7 9.7 14.5

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

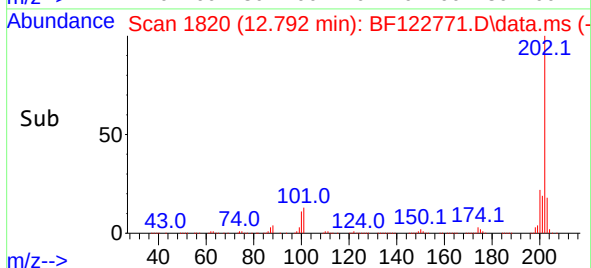
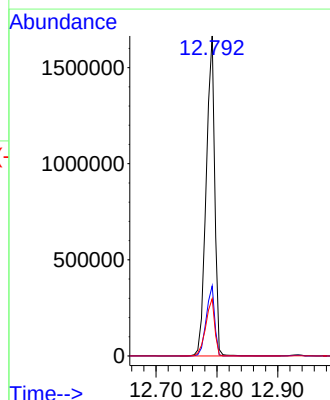
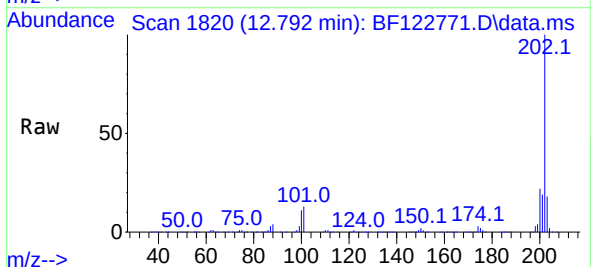
Manual Integrations
APPROVED

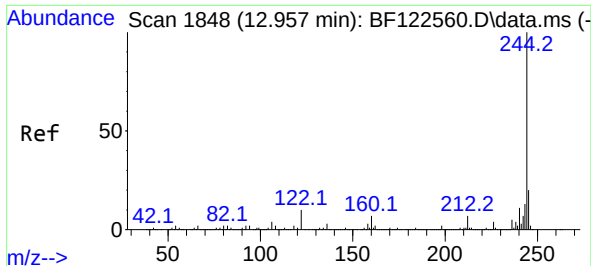
mohammad
12/21/2020 10:40:42 AM



#78
Pyrene
Concen: 37.48 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

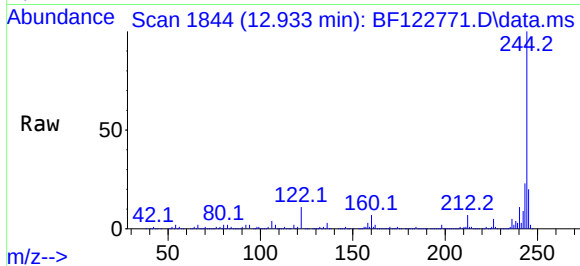
Tgt Ion:202 Resp: 1621524
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 63.93 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

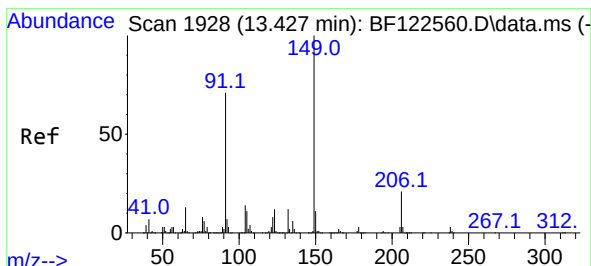
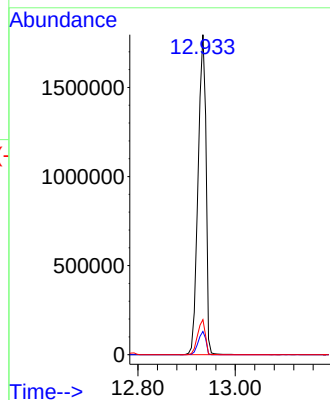
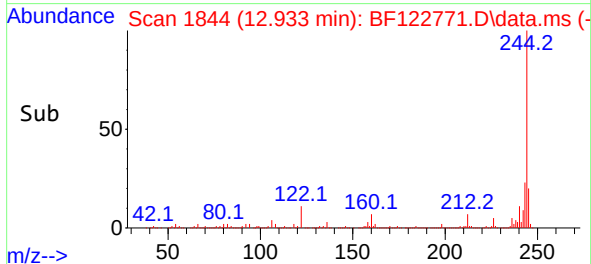
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS



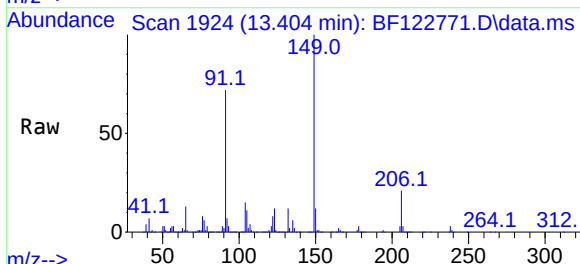
Tgt Ion:244 Resp: 2043598
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.0 8.3 12.5

Manual Integrations
APPROVED

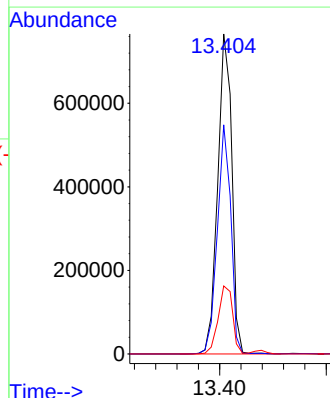
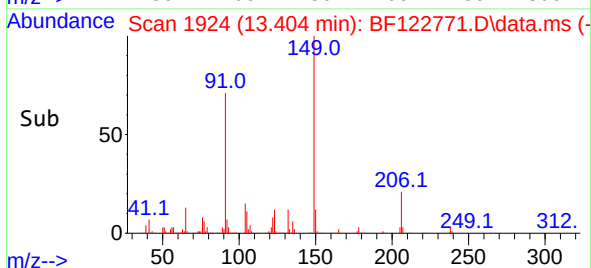
mohammad
12/21/2020 10:40:42 AM

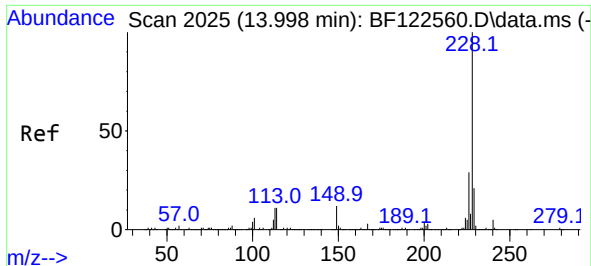


#80
Butylbenzylphthalate
Concen: 35.85 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

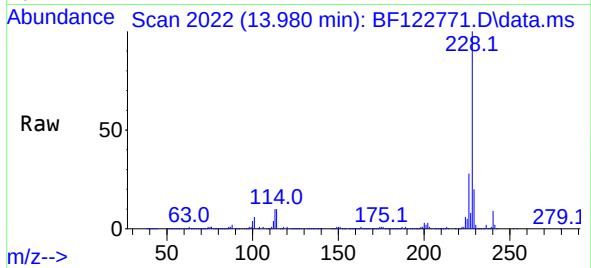


Tgt Ion:149 Resp: 698703
Ion Ratio Lower Upper
149 100
91 71.6 56.5 84.7
206 21.3 17.0 25.6



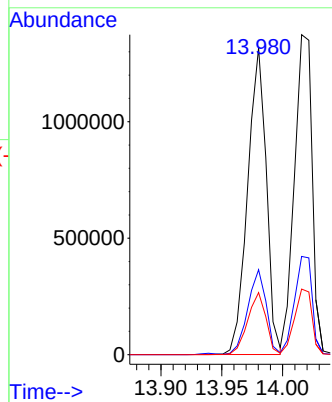
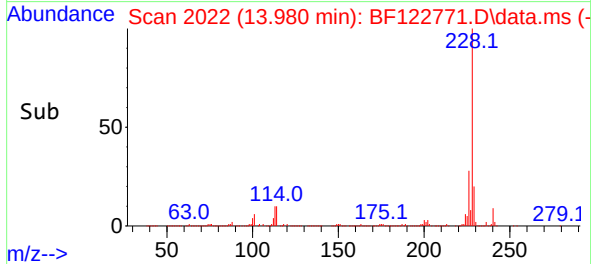


#81
Benzo(a)anthracene
Concen: 37.62 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion:228 Resp: 1406749

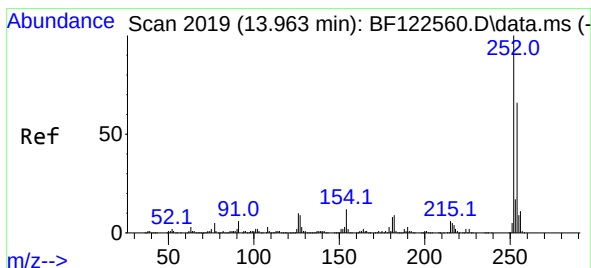
Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	20.2	16.6	24.8



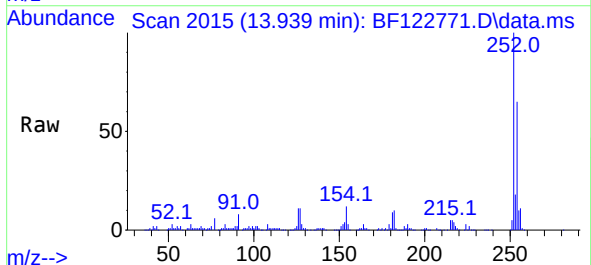
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM

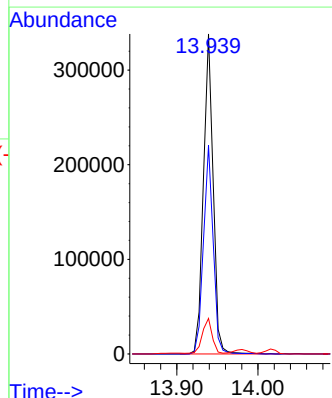
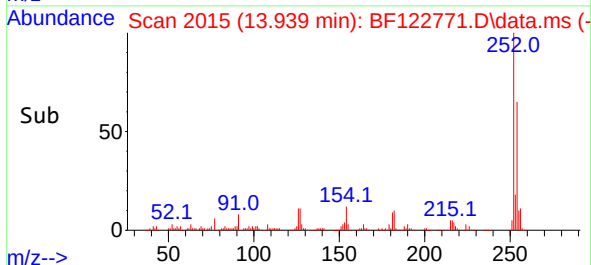


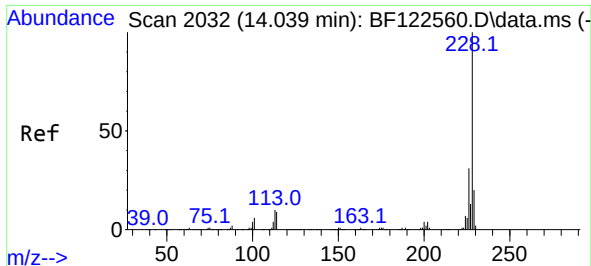
#82
3,3'-Dichlorobenzidine
Concen: 21.05 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



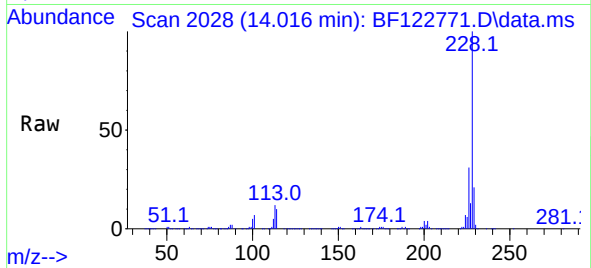
Tgt Ion:252 Resp: 281968

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.7	79.1
126	11.1	8.0	12.0

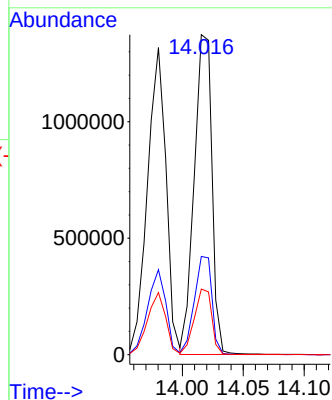
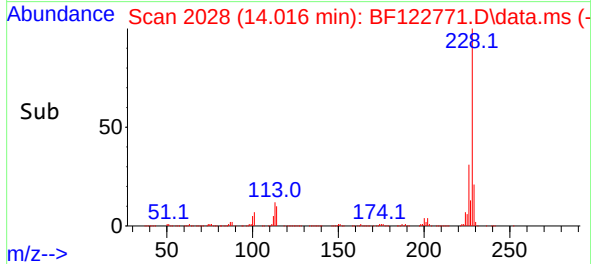




#83
Chrysene
Concen: 37.51 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



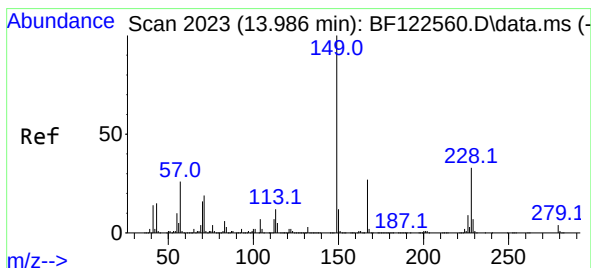
Tgt Ion:228 Resp: 1396000
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.5 15.8 23.6



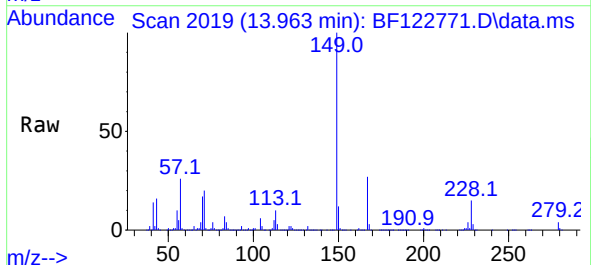
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

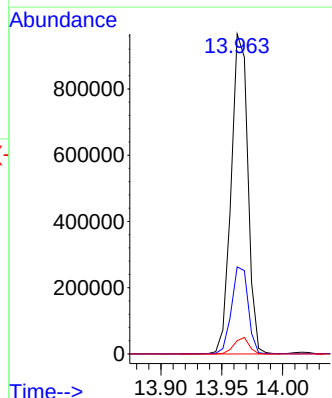
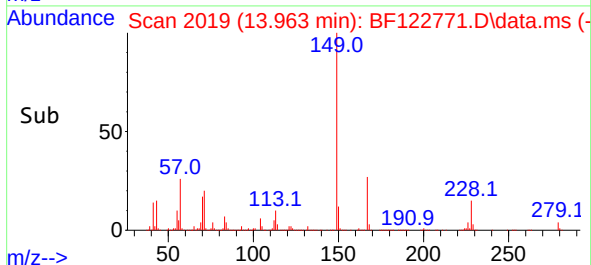
mohammad
12/21/2020 10:40:42 AM

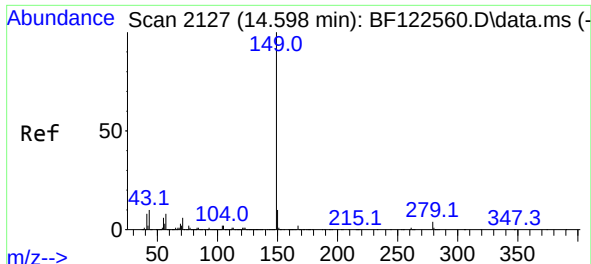


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.48 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion:149 Resp: 920265
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 4.1 3.4 5.0





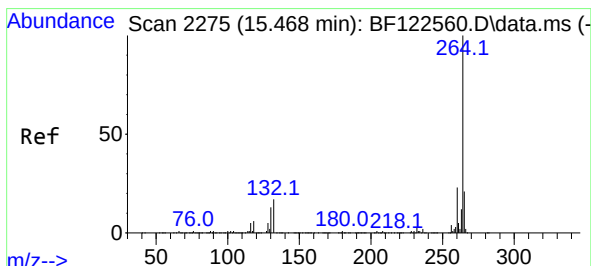
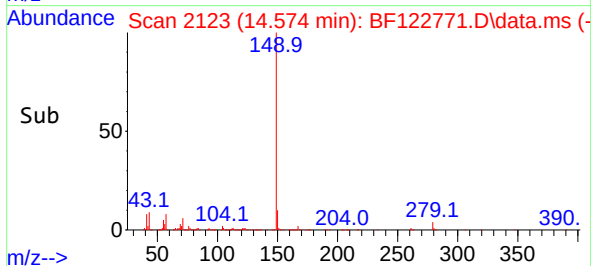
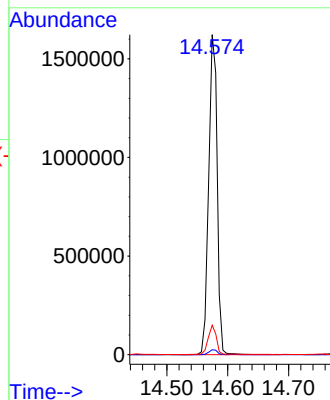
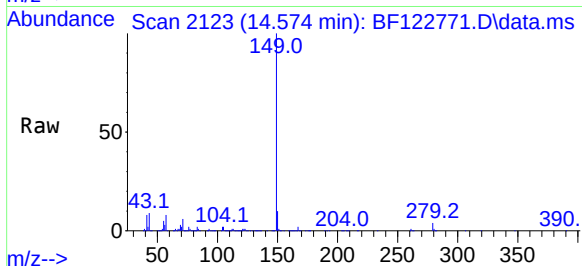
#85
Di-n-octyl phthalate
Concen: 35.58 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:149 Resp: 1574823
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

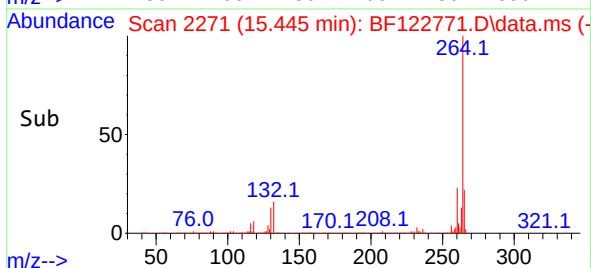
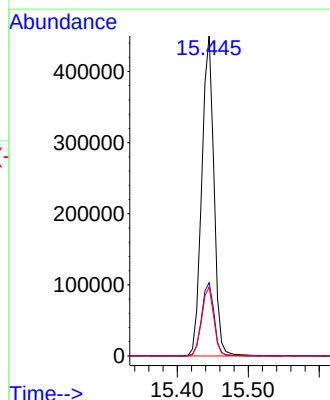
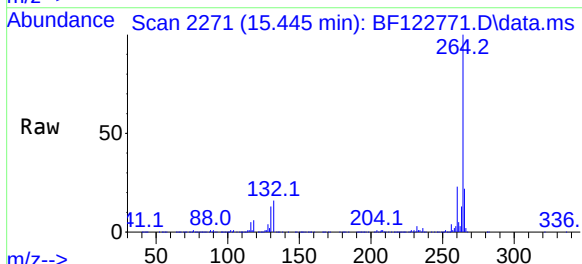
Manual Integrations
APPROVED

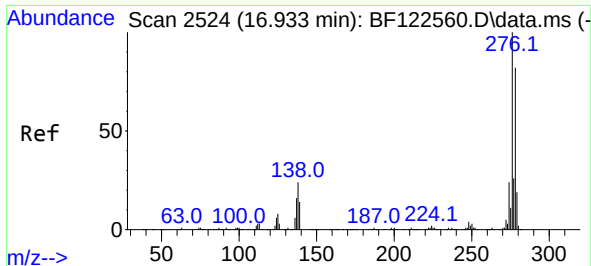
mohammad
12/21/2020 10:40:42 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:264 Resp: 537877
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.6 17.0 25.6





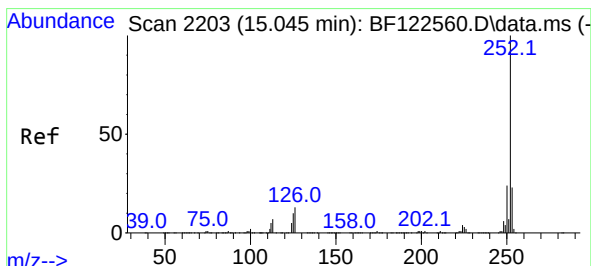
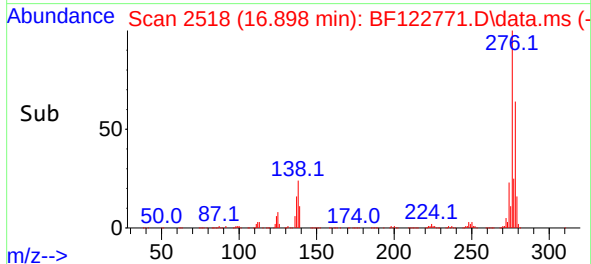
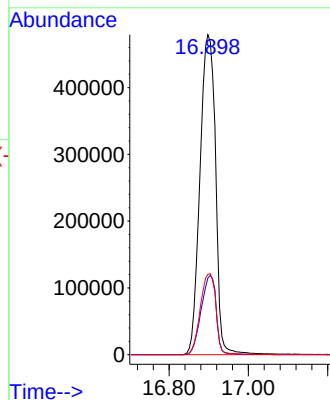
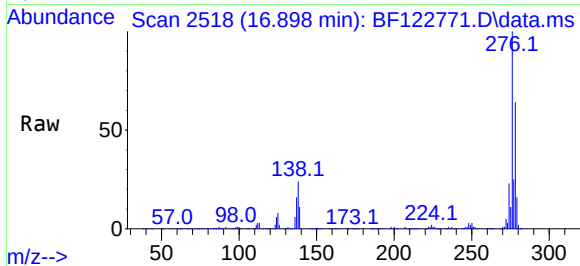
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.10 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 276 Resp: 1309906
Ion Ratio Lower Upper
276 100
138 23.8 18.7 28.1
277 25.4 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

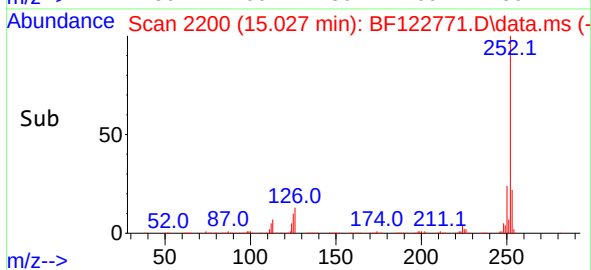
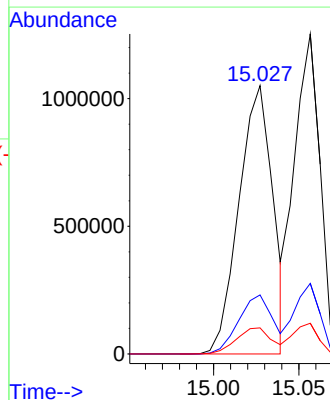
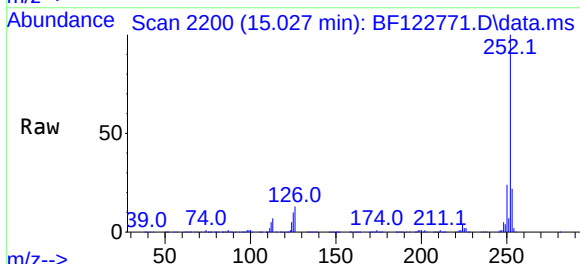
Manual Integrations
APPROVED

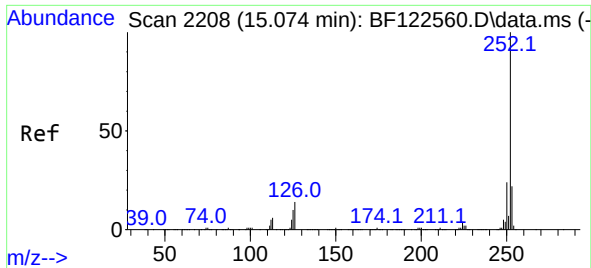
mohammad
12/21/2020 10:40:42 AM



#88
Benzo(b)fluoranthene
Concen: 38.57 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion: 252 Resp: 1455529
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.7 8.1 12.1





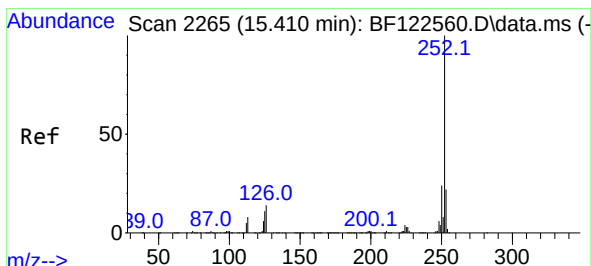
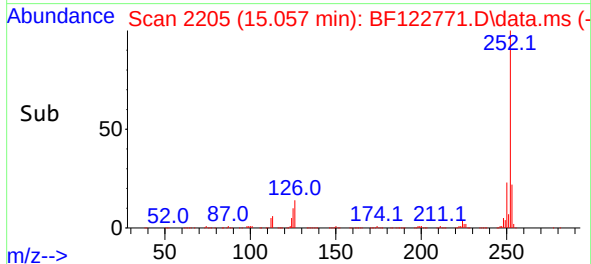
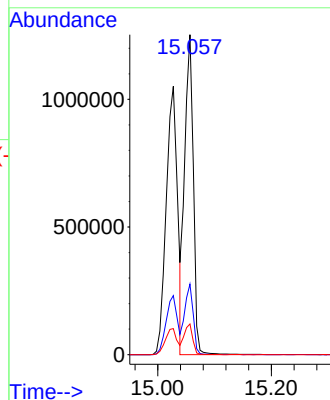
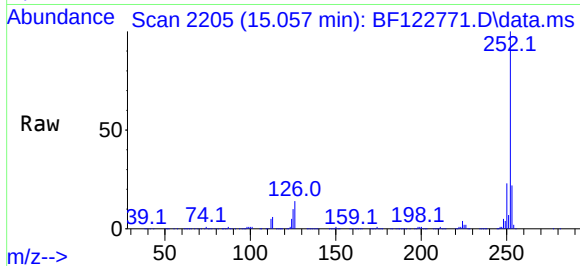
#89
Benzo(k)fluoranthene
Concen: 38.39 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:252 Resp: 1324738
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.6 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

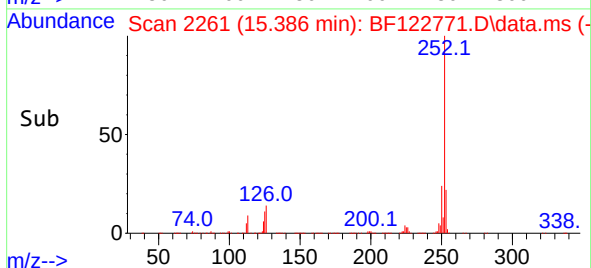
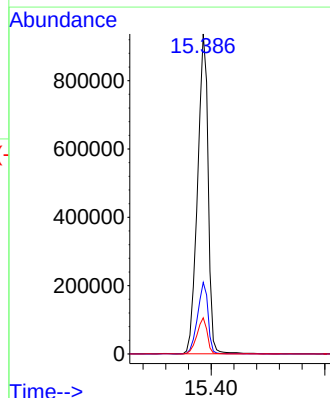
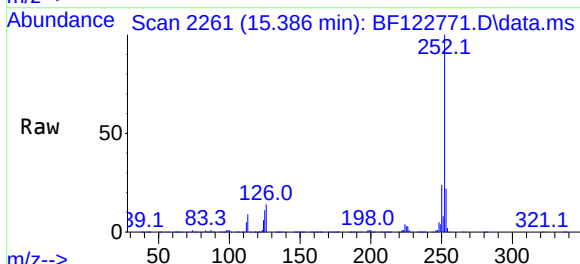
Manual Integrations
APPROVED

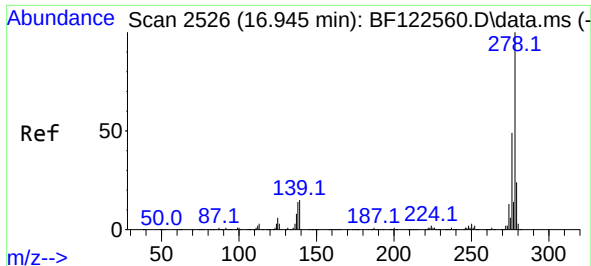
mohammad
12/21/2020 10:40:42 AM



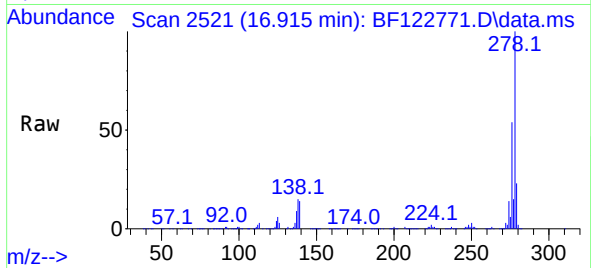
#90
Benzo(a)pyrene
Concen: 36.87 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38

Tgt Ion:252 Resp: 1217156
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.3 8.6 12.8

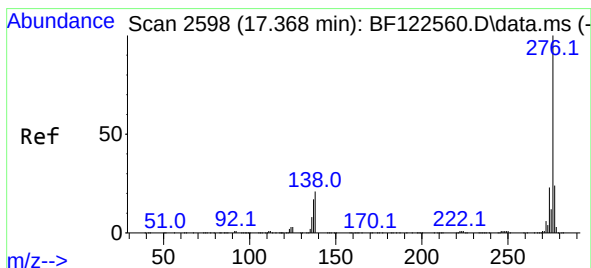
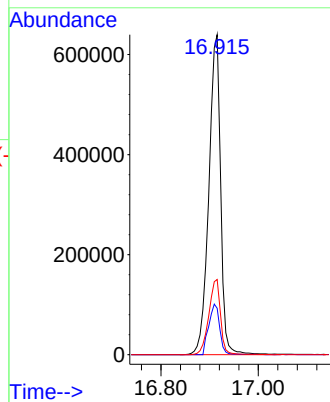
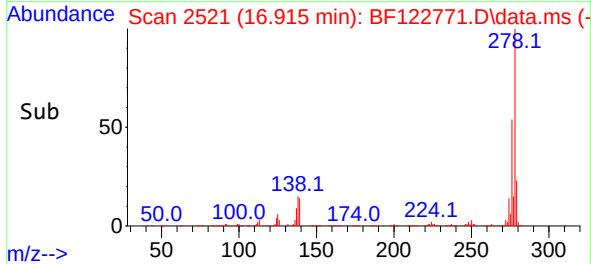




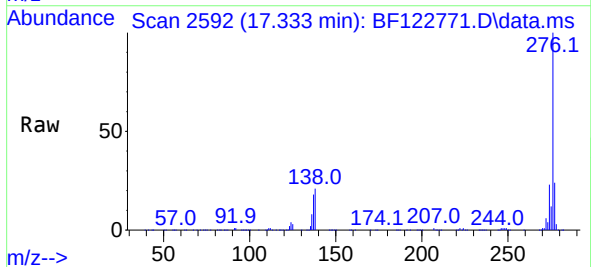
#91
Dibenzo(a,h)anthracene
Concen: 37.23 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.012 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



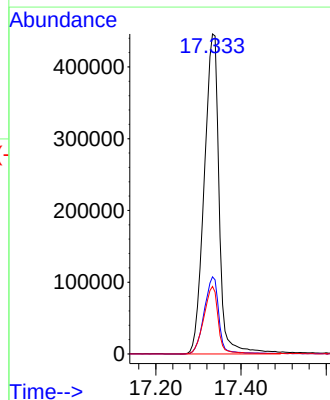
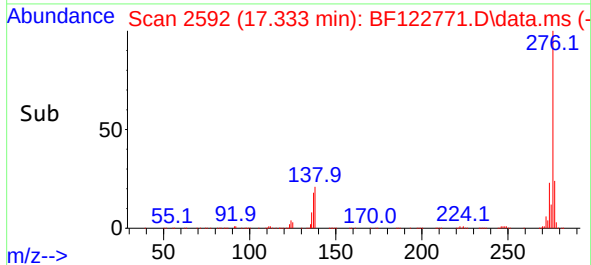
Tgt Ion:278 Resp: 1075864
Ion Ratio Lower Upper
278 100
139 14.5 12.0 18.0
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF122771.D
Acq: 17 Dec 2020 18:38



Tgt Ion:276 Resp: 1086143
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 21.1 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations
APPROVED

mohammad
12/21/2020 10:40:42 AM