

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137748.D
 Acq On : 29 Apr 2024 11:16
 Operator : CG\JU
 Sample : PB160543BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB160543BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 29 11:52:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 24 03:57:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	345310	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1392838	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	735841	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1244526	20.000	ng	0.00
76) Chrysene-d12	14.257	240	742027	20.000	ng	0.00
86) Perylene-d12	15.827	264	622181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	2750350	120.989	ng	0.02
7) Phenol-d6	6.687	99	3469675	120.194	ng	0.01
23) Nitrobenzene-d5	7.634	82	2214565	84.401	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	1021310	137.547	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	4067849	82.602	ng	0.00
79) Terphenyl-d14	13.198	244	4171681	90.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	346319	34.023	ng	97
3) Pyridine	3.840	79	812861	29.977	ng	97
4) n-Nitrosodimethylamine	3.810	42	505247	39.925	ng	92
6) Aniline	6.728	93	585283	16.290	ng	98
8) 2-Chlorophenol	6.851	128	1121660	47.269	ng	100
10) Phenol	6.698	94	1275046	44.213	ng	97
11) bis(2-Chloroethyl)ether	6.798	93	1054035	44.810	ng	98
12) 1,3-Dichlorobenzene	7.004	146	1131440	45.467	ng	98
13) 1,4-Dichlorobenzene	7.081	146	1155177	46.108	ng	99
14) 1,2-Dichlorobenzene	7.234	146	1118410	47.958	ng	99
15) Benzyl Alcohol	7.204	79	940801	43.566	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1529995	42.294	ng	98
17) 2-Methylphenol	7.304	107	896754	42.535	ng	100
18) Hexachloroethane	7.581	117	413133	46.592	ng	96
19) n-Nitroso-di-n-propyla...	7.475	70	763234	40.887	ng	99
20) 3+4-Methylphenols	7.457	107	1121907	41.201	ng	# 89
22) Acetophenone	7.475	105	1486035	43.621	ng	100
24) Nitrobenzene	7.651	77	1150252	43.391	ng	99
25) Isophorone	7.887	82	2137746	43.868	ng	99
26) 2-Nitrophenol	7.963	139	601135	51.674	ng	97
27) 2,4-Dimethylphenol	7.987	122	908086	38.691	ng	98
28) bis(2-Chloroethoxy)met...	8.092	93	1294169	43.480	ng	99
29) 2,4-Dichlorophenol	8.198	162	952372	46.301	ng	97
30) 1,2,4-Trichlorobenzene	8.287	180	988430	47.145	ng	98
31) Naphthalene	8.375	128	3127077	43.996	ng	100
32) Benzoic acid	8.116	122	765362	51.502	ng	98
33) 4-Chloroaniline	8.410	127	437328	14.537	ng	98
34) Hexachlorobutadiene	8.481	225	586221	46.641	ng	99
35) Caprolactam	8.798	113	264166m	39.723	ng	
36) 4-Chloro-3-methylphenol	8.892	107	976692	44.769	ng	95
37) 2-Methylnaphthalene	9.063	142	2031904	41.651	ng	99
38) 1-Methylnaphthalene	9.163	142	1936736	42.462	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	981799	48.668	ng	100
41) Hexachlorocyclopentadiene	9.216	237	1006721	89.064	ng	100
43) 2,4,6-Trichlorophenol	9.333	196	697595	49.293	ng	97
44) 2,4,5-Trichlorophenol	9.392	196	702138	43.291	ng	98

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Manual Integrations
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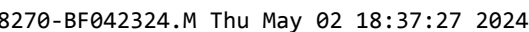
Quant Time: Apr 29 11:52:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

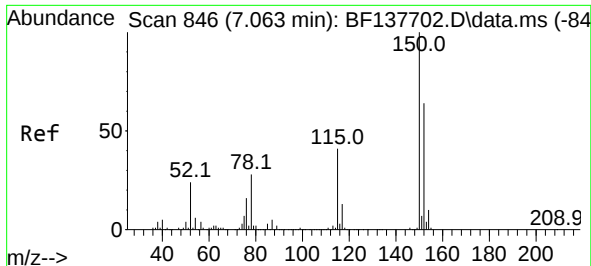
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.528	154	2449398	45.757	ng	100
47) 2-Chloronaphthalene	9.557	162	1949744	47.250	ng	98
48) 2-Nitroaniline	9.651	65	590262	46.942	ng	92
49) Acenaphthylene	9.975	152	2996889	46.571	ng	99
50) Dimethylphthalate	9.828	163	2311688	45.090	ng	99
51) 2,6-Dinitrotoluene	9.892	165	527090	48.796	ng	87
52) Acenaphthene	10.151	154	2057018	49.367	ng	99
53) 3-Nitroaniline	10.063	138	368383	30.347	ng	99
54) 2,4-Dinitrophenol	10.169	184	610923	104.600	ng	# 45
55) Dibenzofuran	10.322	168	2713092	44.419	ng	99
56) 4-Nitrophenol	10.216	139	890233	94.302	ng	98
57) 2,4-Dinitrotoluene	10.298	165	700138	51.413	ng	97
58) Fluorene	10.669	166	2102413	44.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	590639	47.030	ng	97
60) Diethylphthalate	10.528	149	2135424	43.306	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	1056113	44.785	ng	97
62) 4-Nitroaniline	10.686	138	521434	45.098	ng	99
63) Azobenzene	10.816	77	2086175	41.286	ng	94
65) 4,6-Dinitro-2-methylph...	10.710	198	386838	54.212	ng	# 75
66) n-Nitrosodiphenylamine	10.775	169	1884927	44.719	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	669784	46.445	ng	98
68) Hexachlorobenzene	11.210	284	705958	50.250	ng	100
69) Atrazine	11.292	200	427043	36.650	ng	99
70) Pentachlorophenol	11.404	266	909043	86.017	ng	99
71) Phenanthrene	11.633	178	2900319	44.025	ng	99
72) Anthracene	11.686	178	2925414	43.365	ng	100
73) Carbazole	11.839	167	2647660	43.307	ng	99
74) Di-n-butylphthalate	12.157	149	3111744	41.753	ng	99
75) Fluoranthene	12.827	202	2892363	41.769	ng	99
77) Benzidine	12.939	184	179161	10.337	ng	99
78) Pyrene	13.057	202	2928589	48.085	ng	100
80) Butylbenzylphthalate	13.663	149	1096869	50.785	ng	94
81) Benzo(a)anthracene	14.251	228	2387301	46.127	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	560526	35.004	ng	98
83) Chrysene	14.286	228	2165136	44.773	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1528884	46.873	ng	100
85) Di-n-octyl phthalate	14.845	149	2291613	46.772	ng	97
87) Indeno(1,2,3-cd)pyrene	17.480	276	2142754	62.112	ng	99
88) Benzo(b)fluoranthene	15.357	252	2047704	51.432	ng	99
89) Benzo(k)fluoranthene	15.392	252	1886942	48.214	ng	99
90) Benzo(a)pyrene	15.768	252	1743118	48.805	ng	97
91) Dibenzo(a,h)anthracene	17.504	278	1782962	62.279	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1717942	61.711	ng	98

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

Manual Integrations

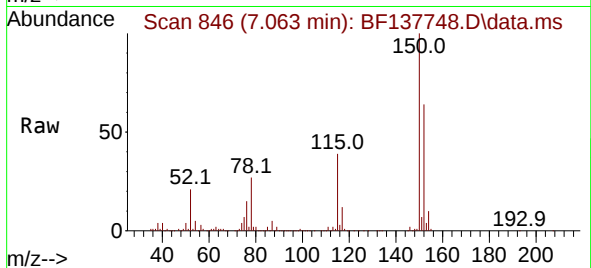
Quant Time: Apr 29 11:52:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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QLast Update : Wed Apr 24 03:57:12 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

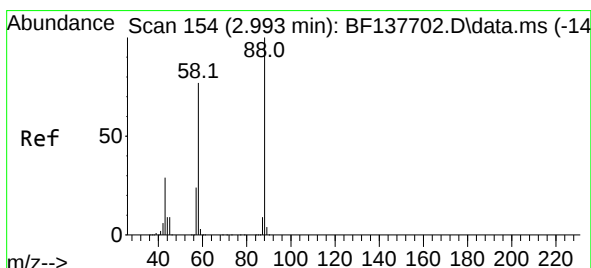
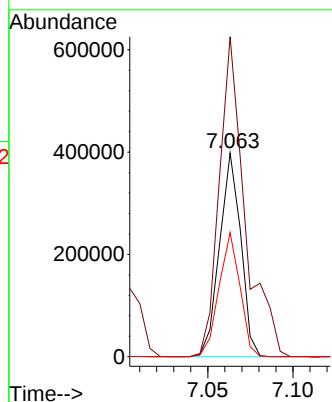
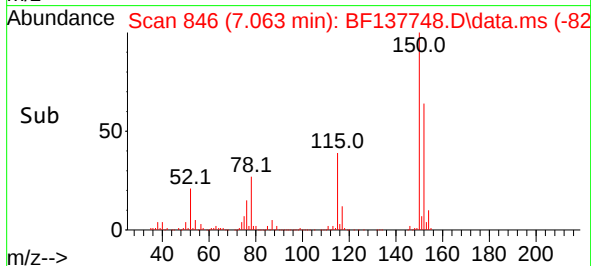
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:152 Resp: 345310
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.4
115 60.9 50.8 76.2

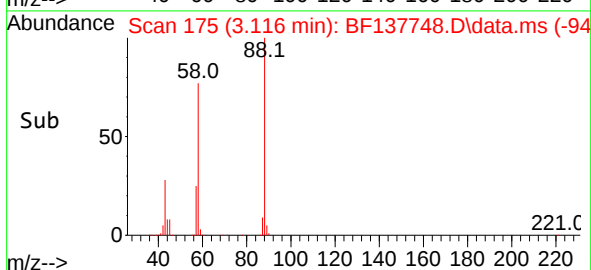
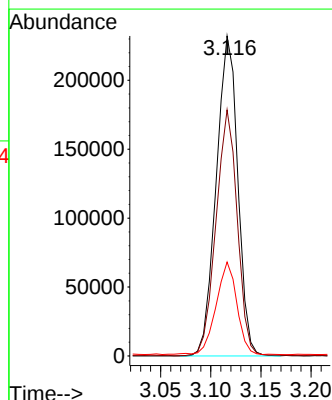
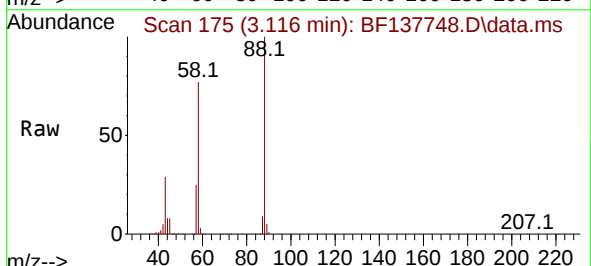
Manual Integrations
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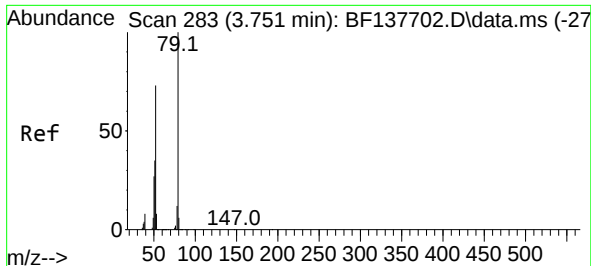
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#2
1,4-Dioxane
Concen: 34.023 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.124 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion: 88 Resp: 346319
Ion Ratio Lower Upper
88 100
58 75.8 62.4 93.6
43 28.2 23.7 35.5





#3
Pyridine
Concen: 29.977 ng
RT: 3.840 min Scan# 291
Delta R.T. 0.088 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

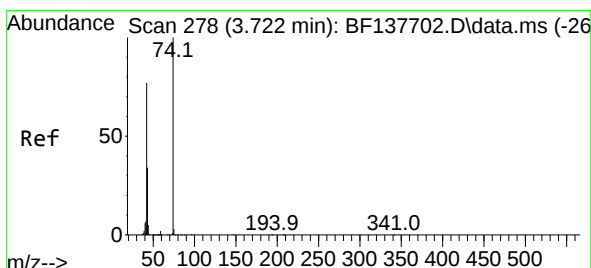
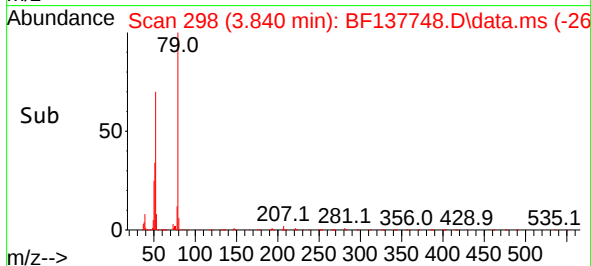
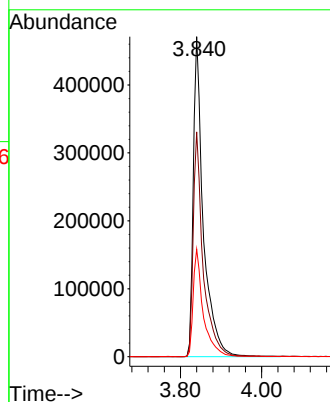
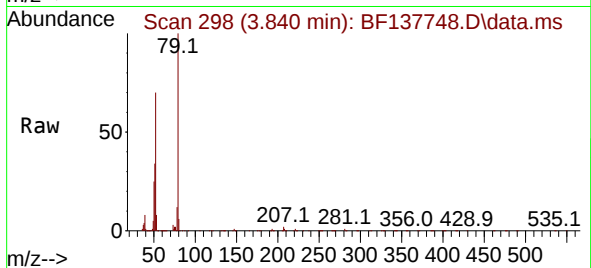
ClientSampleId :

PB160543BS

Tgt Ion: 79 Resp: 81286
Ion Ratio Lower Upper
79 100
52 70.2 58.0 87.0
51 33.6 27.9 41.9

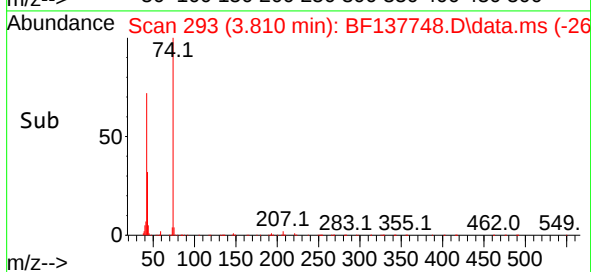
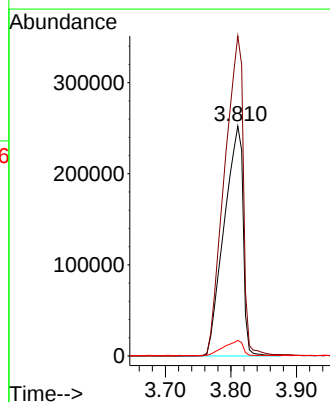
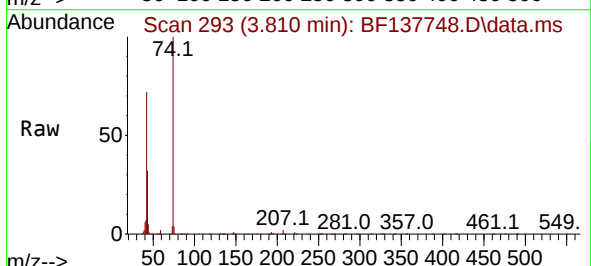
Manual Integrations
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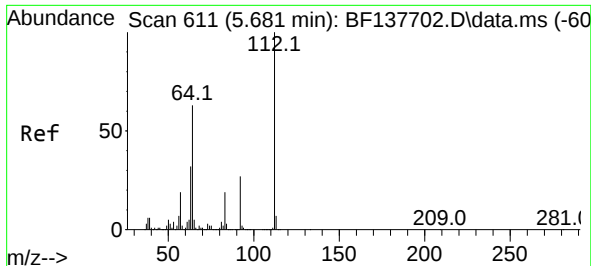
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#4
n-Nitrosodimethylamine
Concen: 39.925 ng
RT: 3.810 min Scan# 293
Delta R.T. 0.088 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

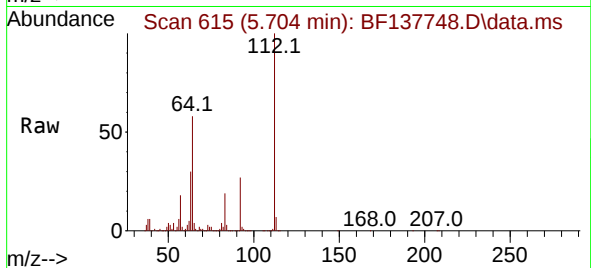
Tgt Ion: 42 Resp: 505247
Ion Ratio Lower Upper
42 100
74 139.2 103.4 155.2
44 6.7 5.5 8.3





#5
2-Fluorophenol
Concen: 120.989 ng
RT: 5.704 min Scan# 611
Delta R.T. 0.024 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

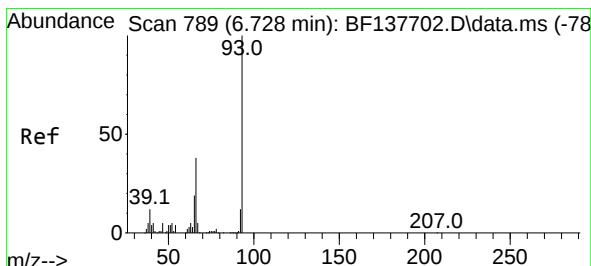
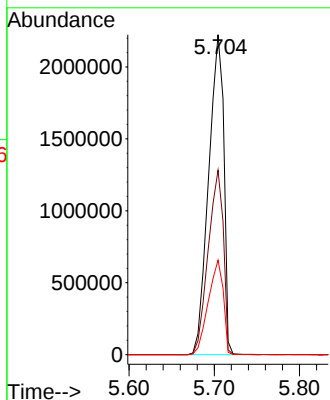
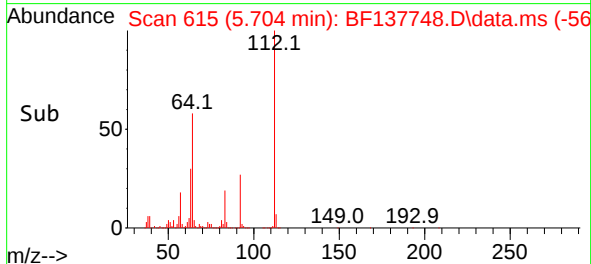
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 2750350
Ion Ratio Lower Upper
112 100
64 57.7 50.1 75.1
63 29.6 25.2 37.8

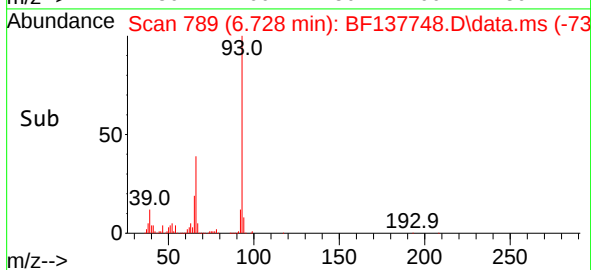
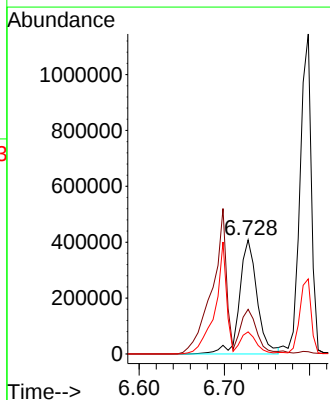
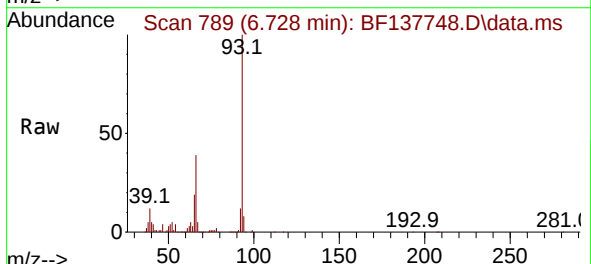
Manual Integrations
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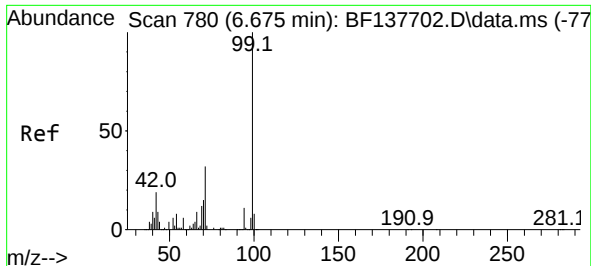
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 16.290 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

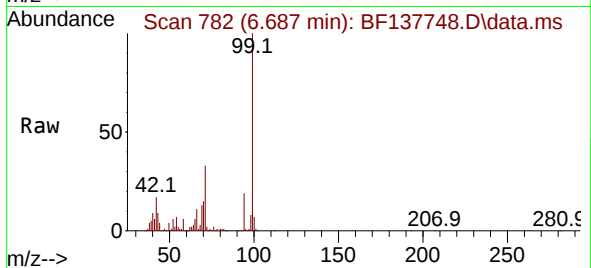
Tgt Ion: 93 Resp: 585283
Ion Ratio Lower Upper
93 100
66 39.1 32.1 48.1
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 120.194 ng
RT: 6.687 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

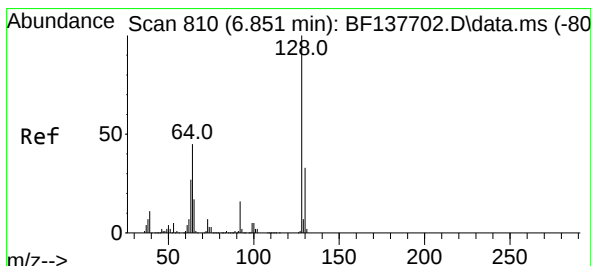
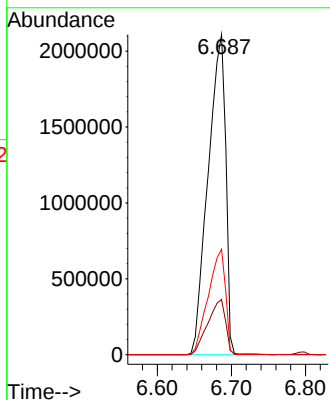
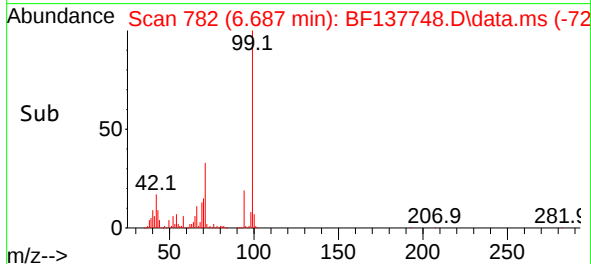
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 346967
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 32.9 25.7 38.5

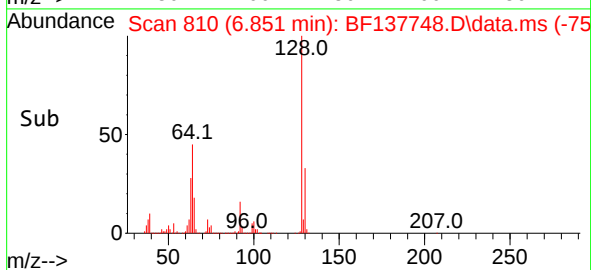
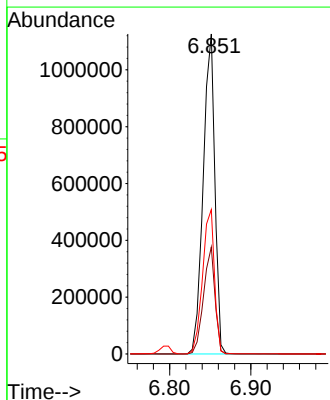
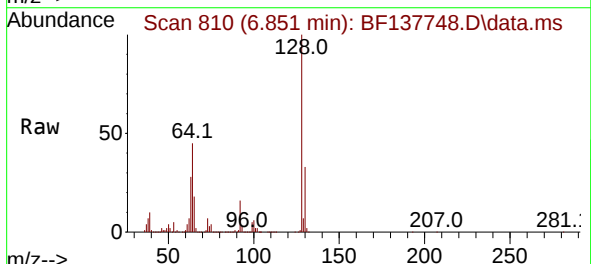
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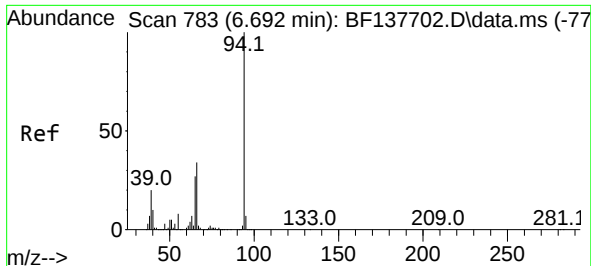
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#8
2-Chlorophenol
Concen: 47.269 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

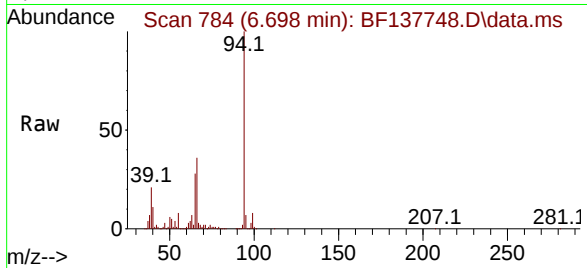
Tgt Ion:128 Resp: 1121660
Ion Ratio Lower Upper
128 100
130 33.4 13.2 53.2
64 45.1 24.7 64.7





#10
Phenol
Concen: 44.213 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

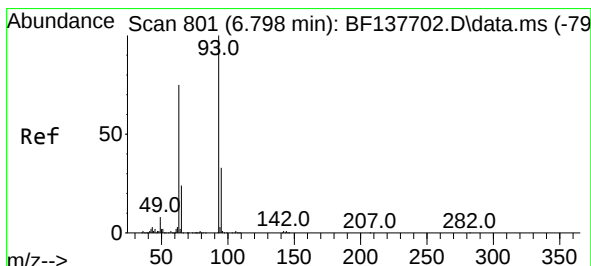
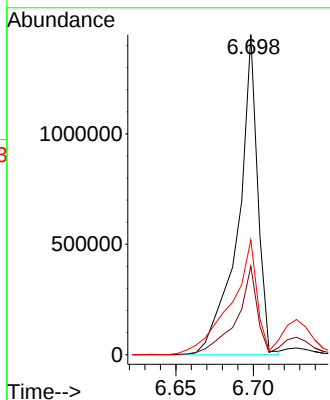
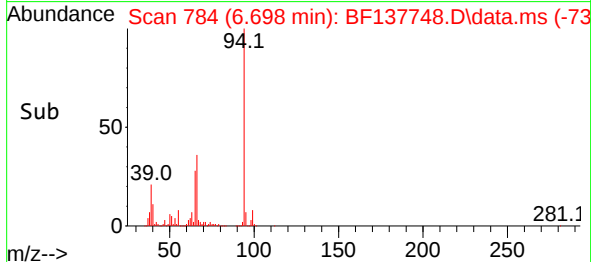
Instrument :
BNA_F
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Tgt Ion: 94 Resp: 1275040
Ion Ratio Lower Upper
94 100
65 27.7 6.5 46.5
66 35.9 13.9 53.9

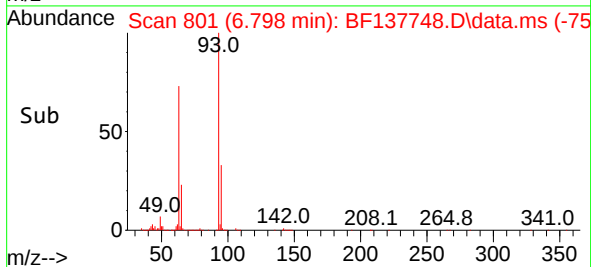
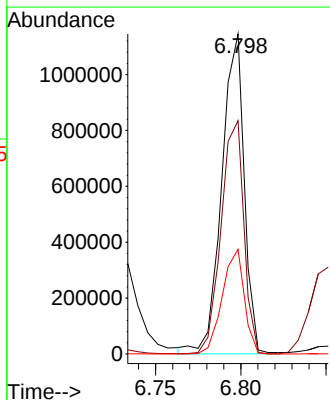
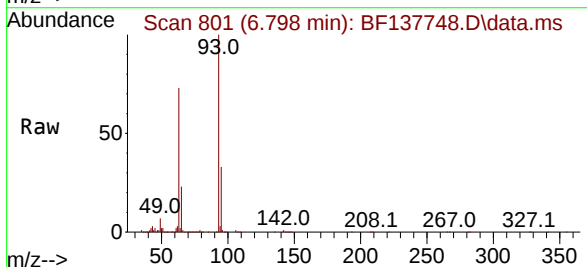
Manual Integrations
APPROVED

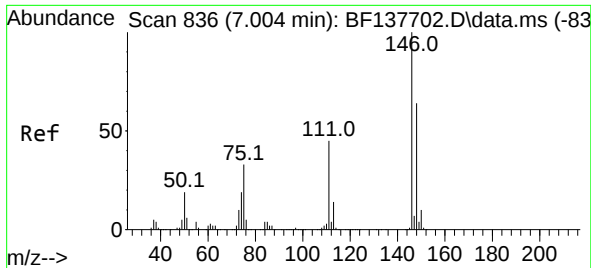
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#11
bis(2-Chloroethyl)ether
Concen: 44.810 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion: 93 Resp: 1054035
Ion Ratio Lower Upper
93 100
63 72.9 54.8 94.8
95 32.7 13.2 53.2





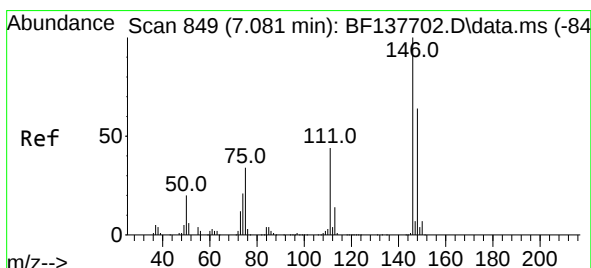
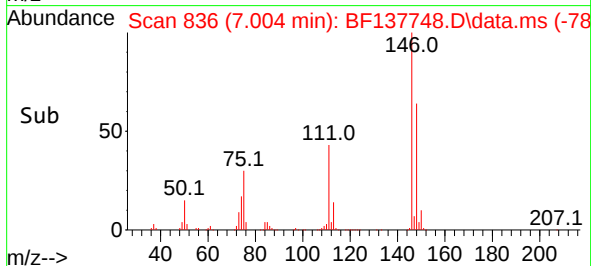
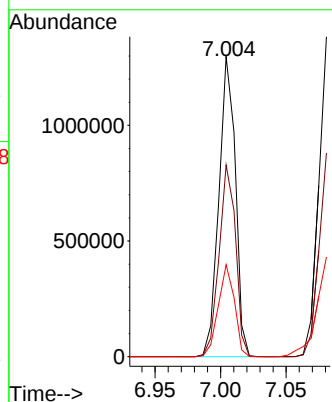
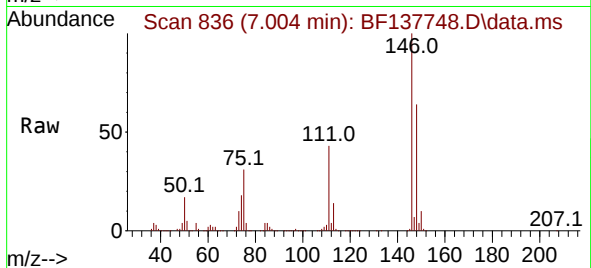
#12
1,3-Dichlorobenzene
Concen: 45.467 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :
BNA_F
ClientSampleId :
PB160543BS

Tgt Ion:146 Resp: 1131440
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
75 30.7 26.4 39.6

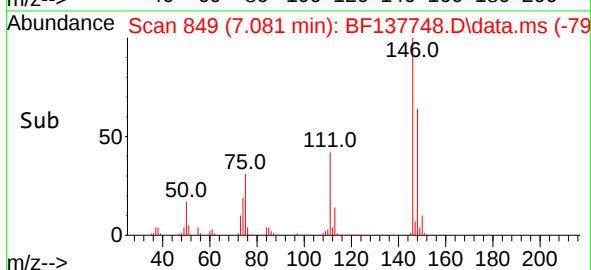
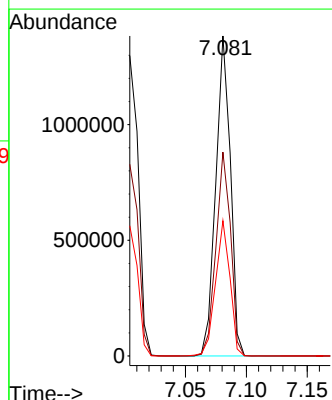
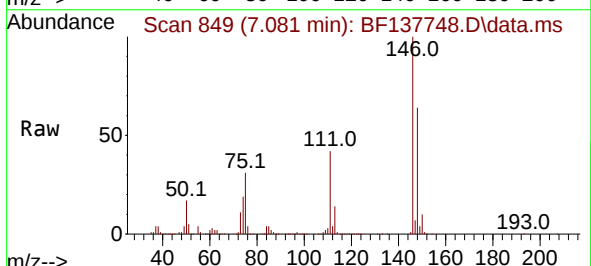
Manual Integrations
APPROVED

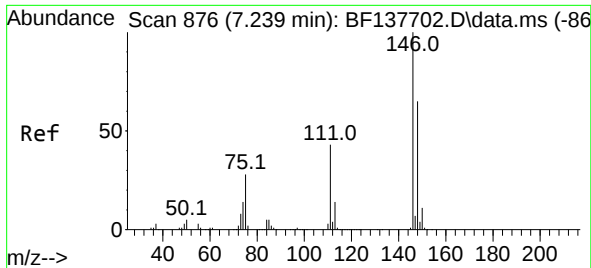
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#13
1,4-Dichlorobenzene
Concen: 46.108 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

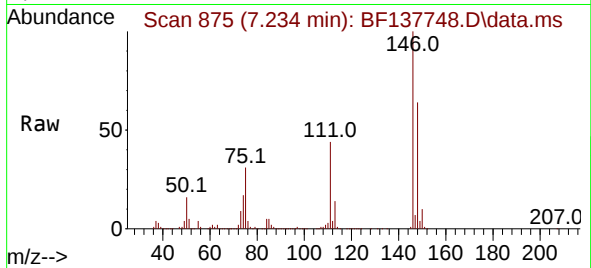
Tgt Ion:146 Resp: 1155177
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 42.3 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 47.958 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

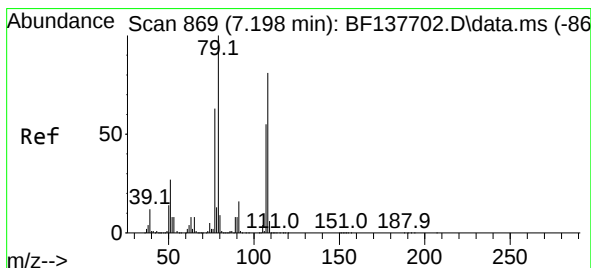
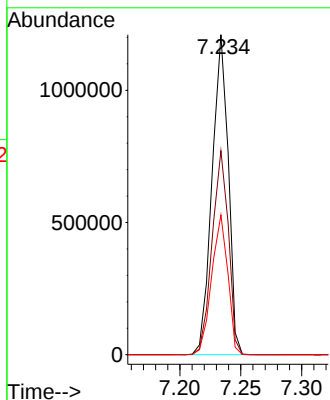
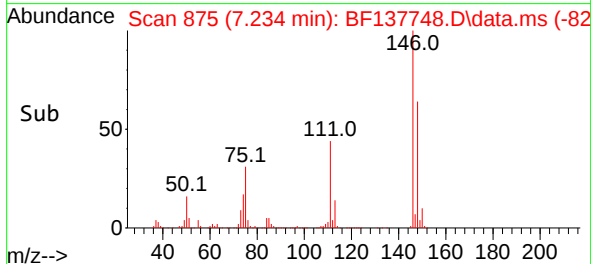
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:146 Resp: 1118410
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 43.7 34.5 51.7

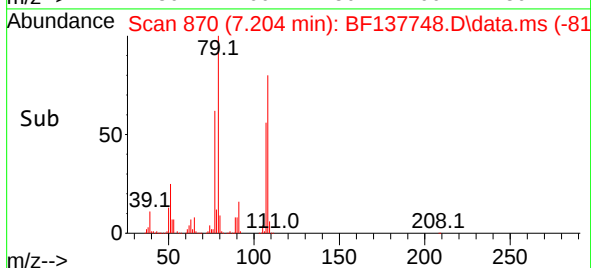
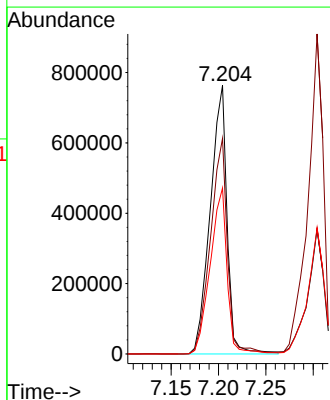
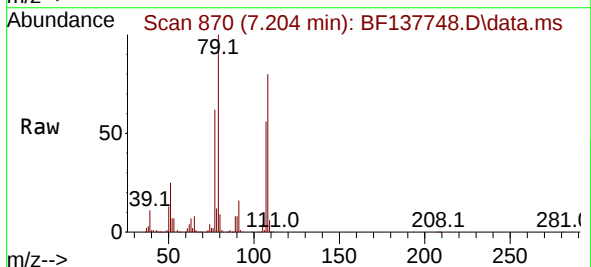
Manual Integrations
APPROVED

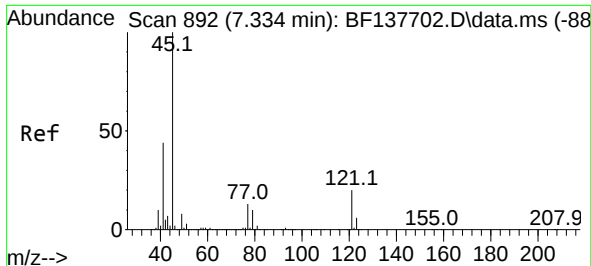
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#15
Benzyl Alcohol
Concen: 43.566 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion: 79 Resp: 940801
Ion Ratio Lower Upper
79 100
108 80.2 64.8 97.2
77 61.8 50.3 75.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.294 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

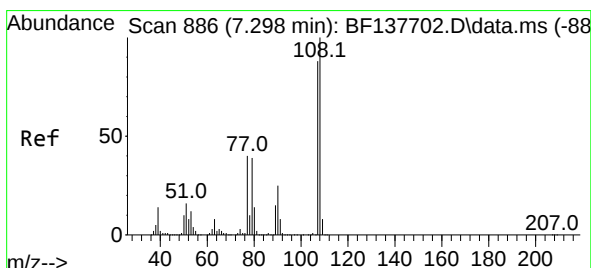
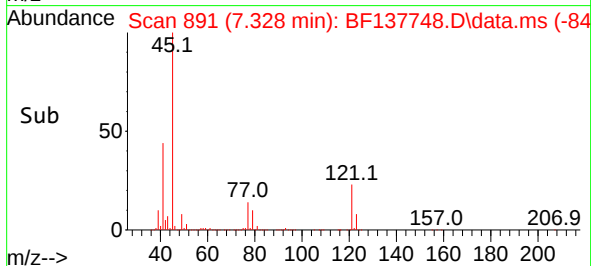
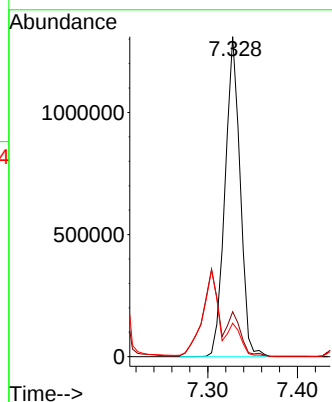
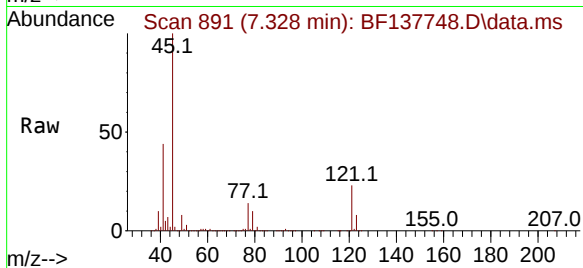
ClientSampleId :

PB160543BS

Tgt Ion: 45 Resp: 152999
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.8
79 10.5 0.0 30.1

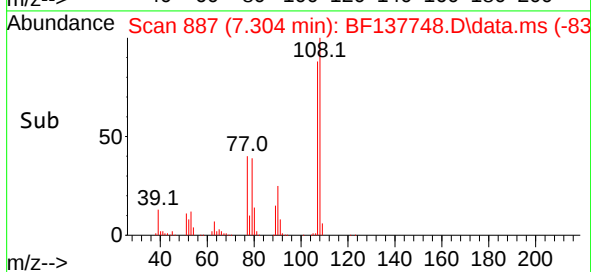
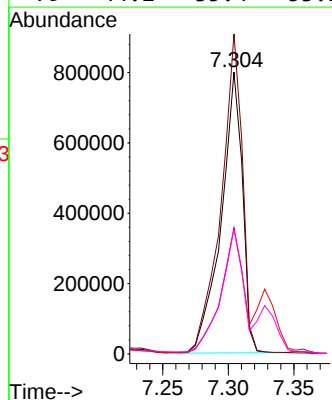
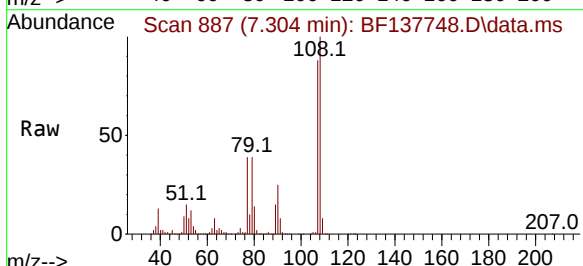
Manual Integrations
APPROVED

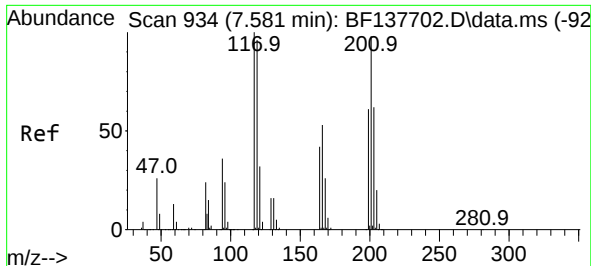
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#17
2-Methylphenol
Concen: 42.535 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

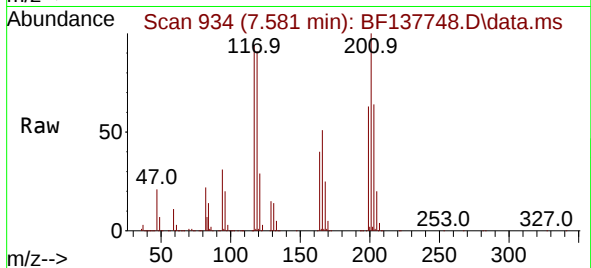
Tgt Ion:107 Resp: 896754
Ion Ratio Lower Upper
107 100
108 113.5 90.6 135.8
77 44.8 35.8 53.8
79 44.2 35.4 53.2





#18
Hexachloroethane
Concen: 46.592 ng
RT: 7.581 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

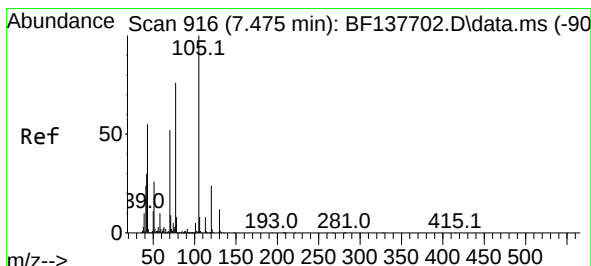
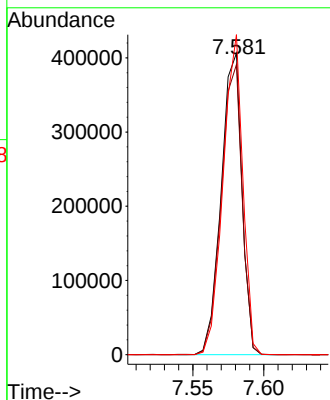
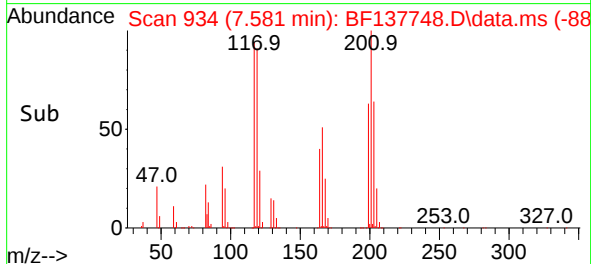
Instrument :
BNA_F
ClientSampleId :
PB160543BS



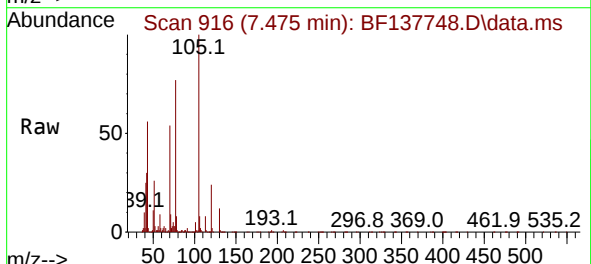
Tgt Ion: 117 Resp: 41313
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 106.2 78.1 117.1

Manual Integrations
APPROVED

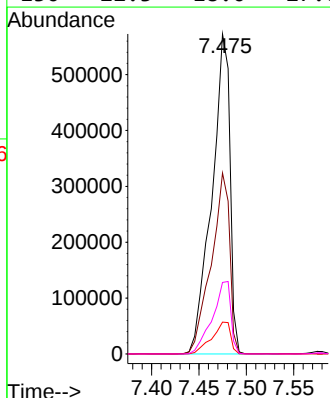
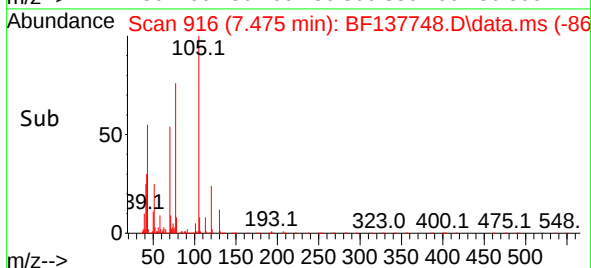
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

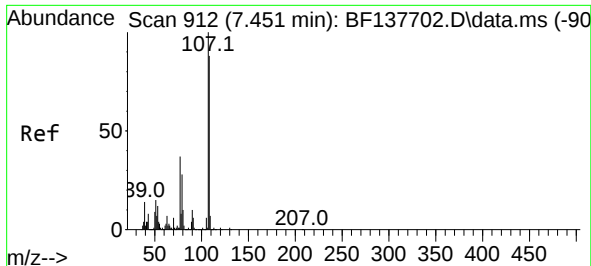


#19
n-Nitroso-di-n-propylamine
Concen: 40.887 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



Tgt Ion: 70 Resp: 763234
Ion Ratio Lower Upper
70 100
42 56.5 45.9 68.9
101 9.9 8.0 12.0
130 22.3 18.0 27.0





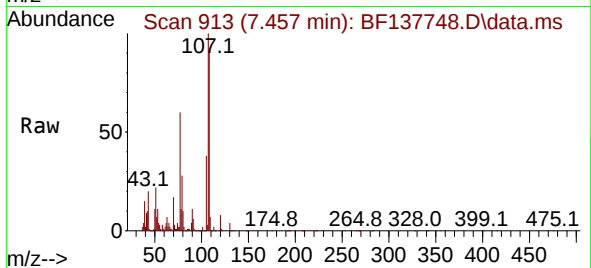
#20
3+4-Methylphenols
Concen: 41.201 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

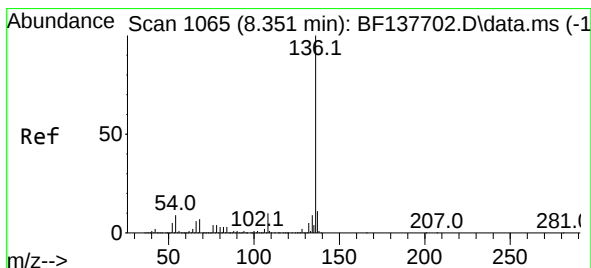
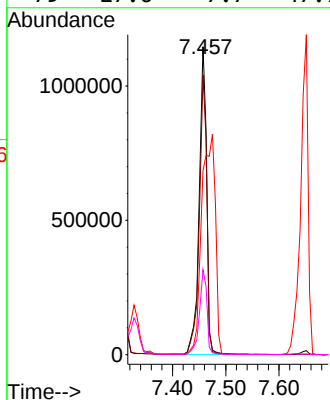
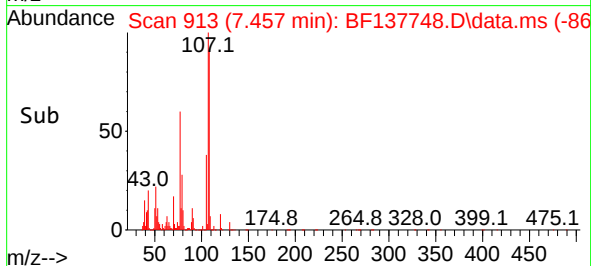


Tgt Ion:107 Resp: 1121907
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 59.7 16.8 56.8
79 27.6 7.7 47.7

Manual Integrations

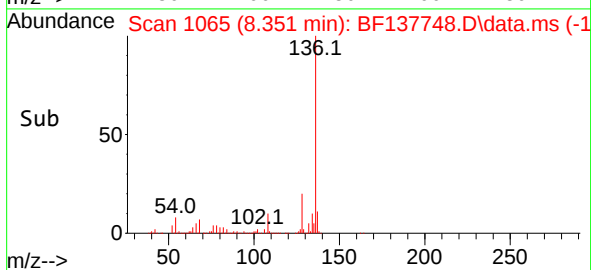
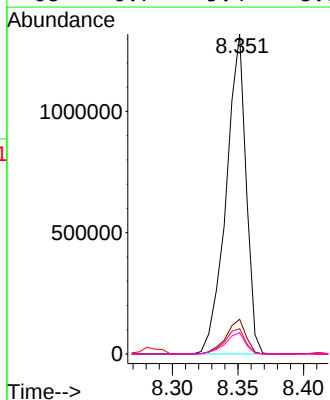
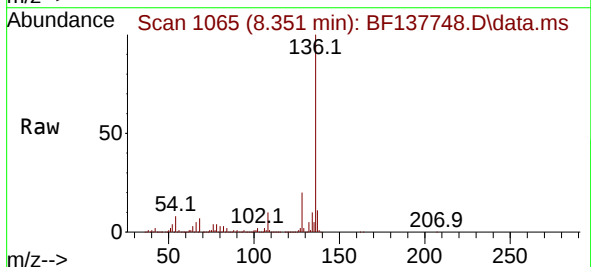
APPROVED

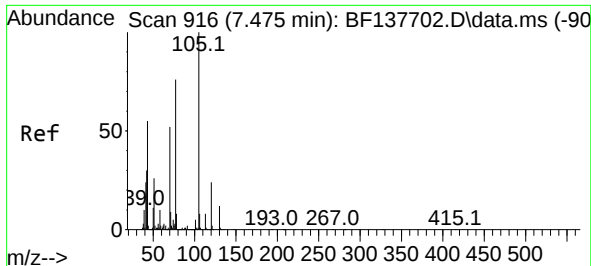
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

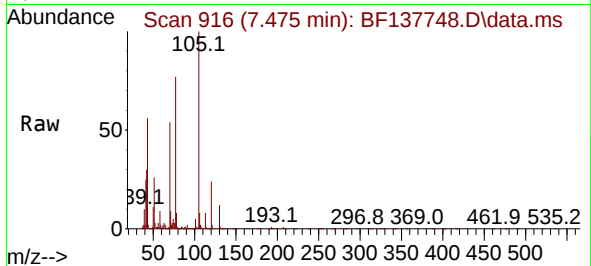
Tgt Ion:136 Resp: 1392838
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.9 10.3
68 6.7 5.4 8.0





#22
Acetophenone
Concen: 43.621 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

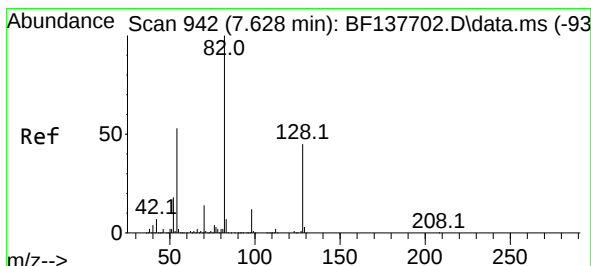
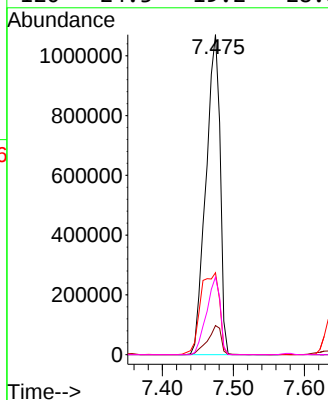
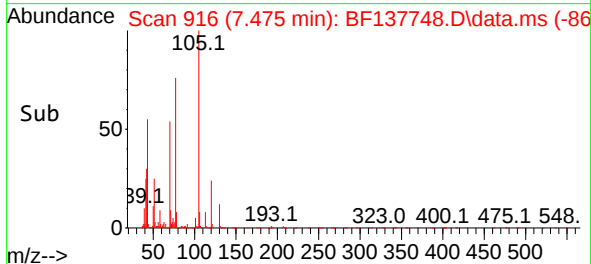
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:105 Resp: 1486035
Ion Ratio Lower Upper
105 100
71 9.1 7.0 10.6
51 25.6 20.5 30.7
120 24.3 19.2 28.8

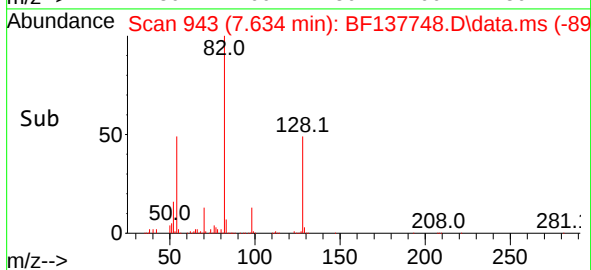
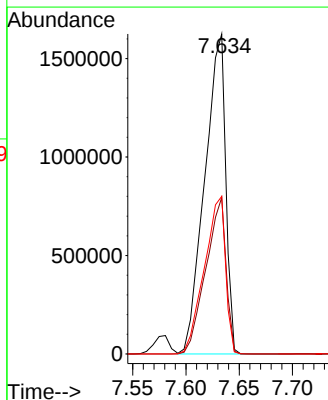
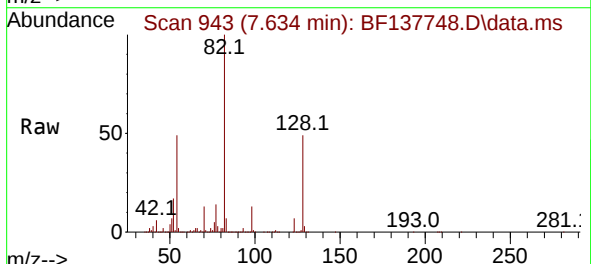
Manual Integrations
APPROVED

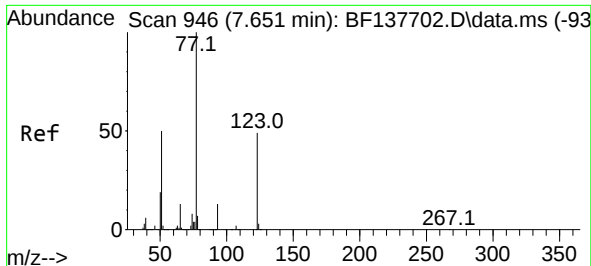
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#23
Nitrobenzene-d5
Concen: 84.401 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

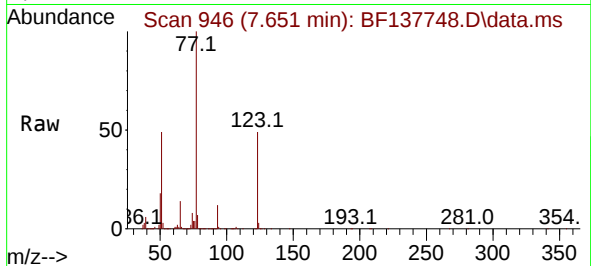
Tgt Ion: 82 Resp: 2214565
Ion Ratio Lower Upper
82 100
128 48.9 35.8 53.6
54 49.2 42.5 63.7





#24
Nitrobenzene
Concen: 43.391 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

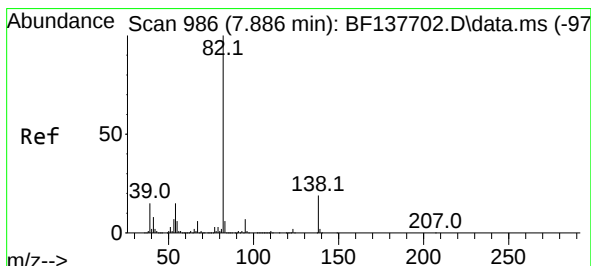
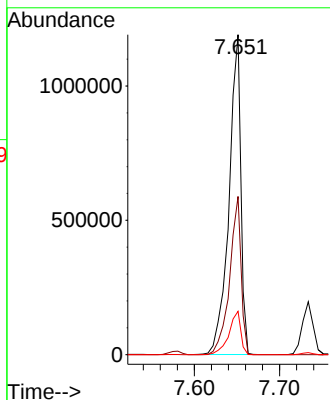
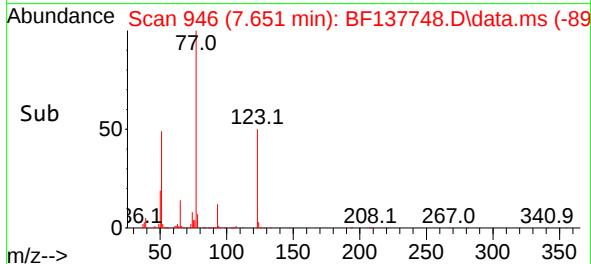
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion: 77 Resp: 115025
Ion Ratio Lower Upper
77 100
123 49.5 40.4 60.6
65 13.5 10.7 16.1

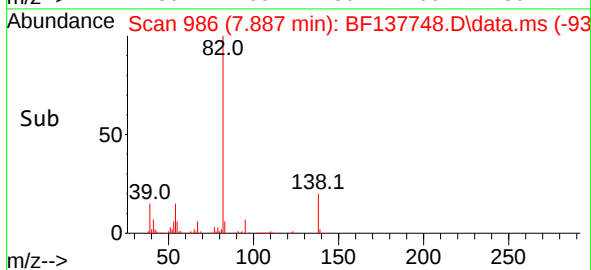
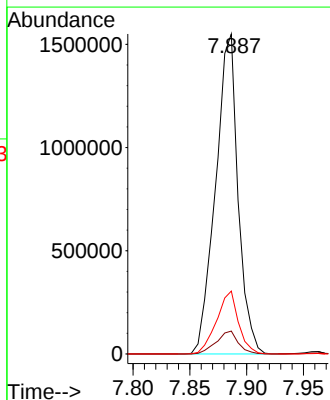
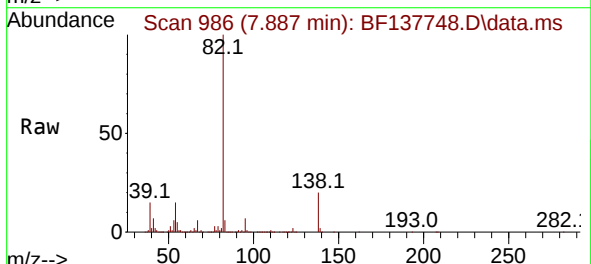
Manual Integrations
APPROVED

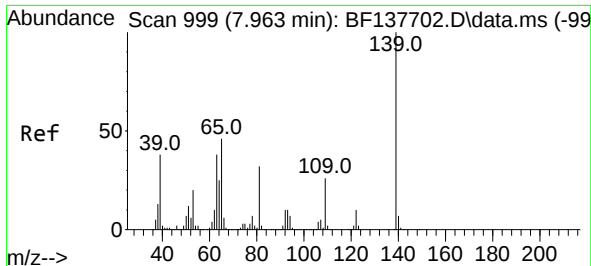
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#25
Isophorone
Concen: 43.868 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

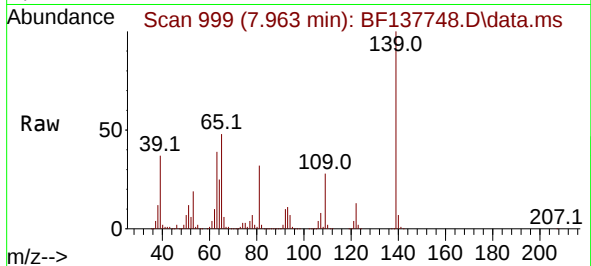
Tgt Ion: 82 Resp: 2137746
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 19.6 15.3 22.9





#26
2-Nitrophenol
Concen: 51.674 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

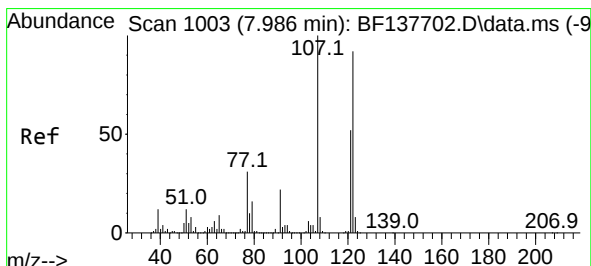
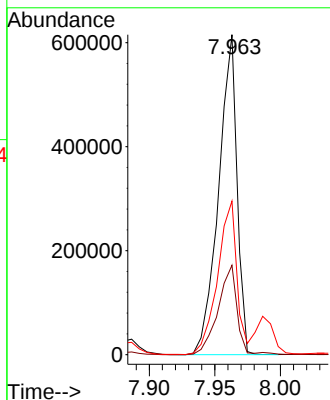
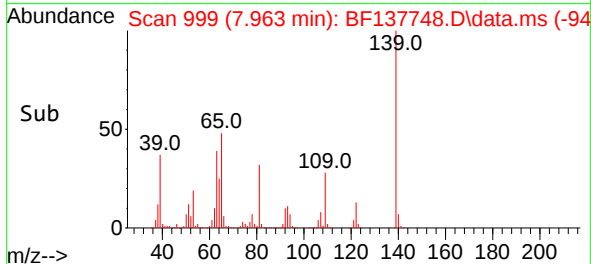
Instrument :
BNA_F
ClientSampleId :
PB160543BS



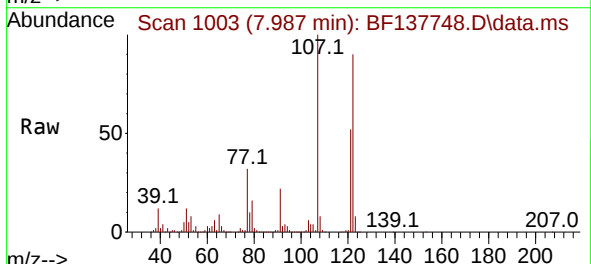
Tgt Ion:139 Resp: 601135
Ion Ratio Lower Upper
139 100
109 27.9 21.1 31.7
65 48.0 37.1 55.7

Manual Integrations
APPROVED

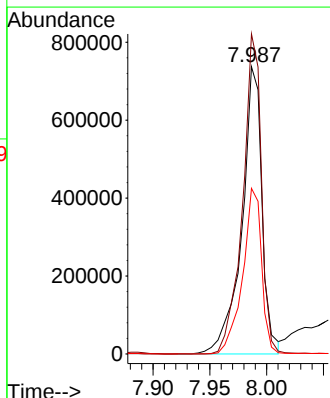
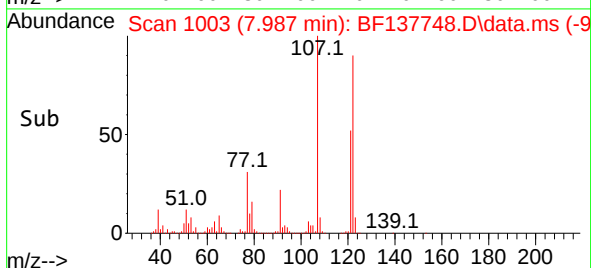
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

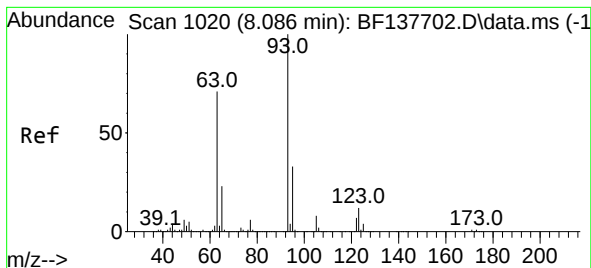


#27
2,4-Dimethylphenol
Concen: 38.691 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



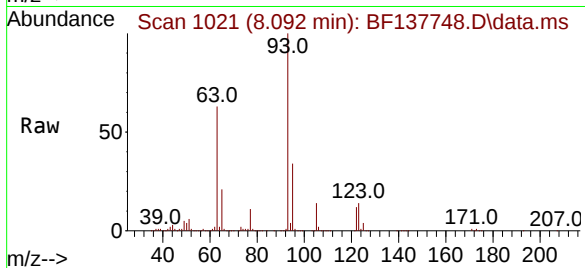
Tgt Ion:122 Resp: 908086
Ion Ratio Lower Upper
122 100
107 111.4 87.2 130.8
121 57.7 45.2 67.8





#28
bis(2-Chloroethoxy)methane
Concen: 43.480 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

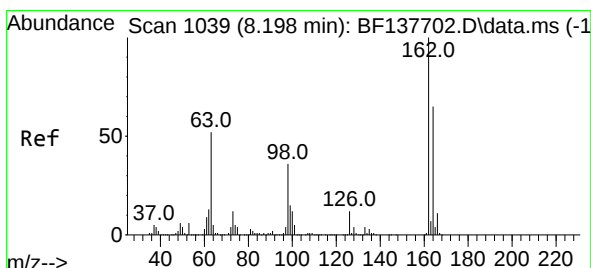
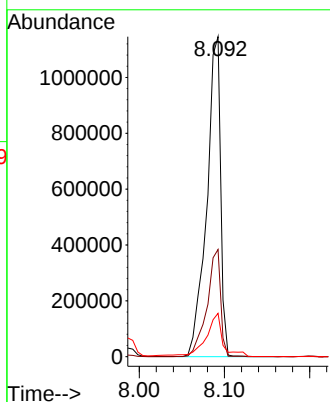
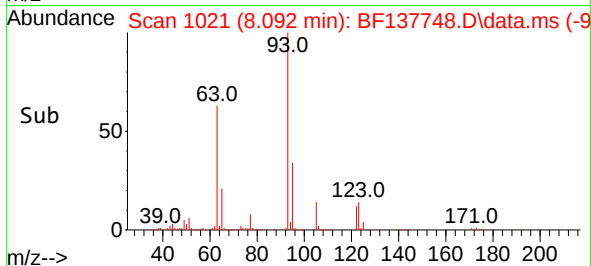
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion: 93 Resp: 1294169
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 13.6 9.8 14.8

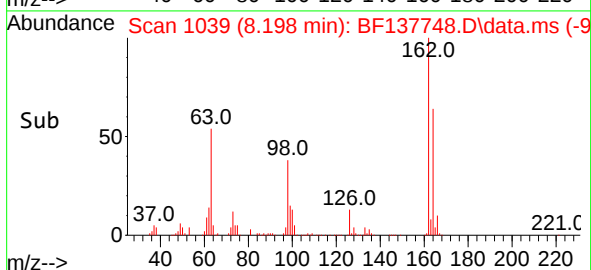
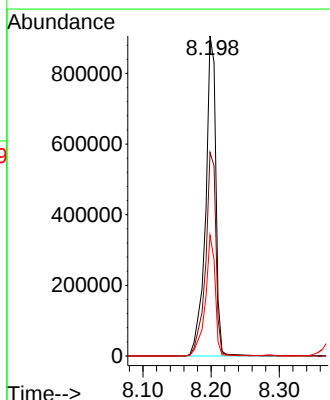
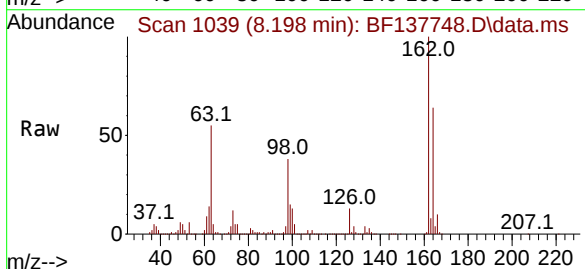
Manual Integrations
APPROVED

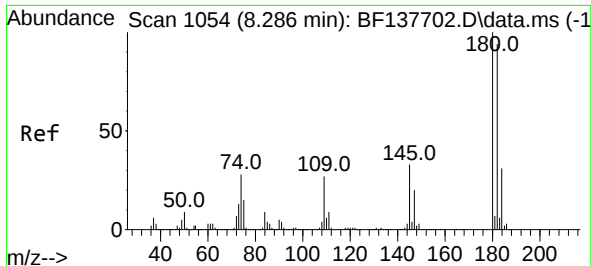
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#29
2,4-Dichlorophenol
Concen: 46.301 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:162 Resp: 952372
Ion Ratio Lower Upper
162 100
164 63.6 45.2 85.2
98 37.7 15.7 55.7





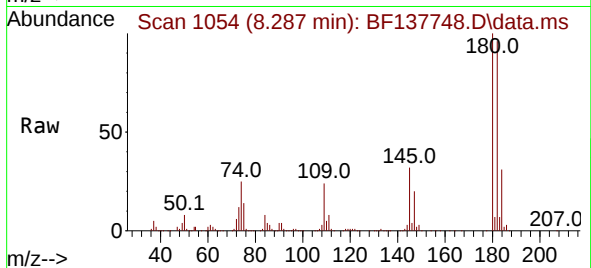
#30
1,2,4-Trichlorobenzene
Concen: 47.145 ng
RT: 8.287 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

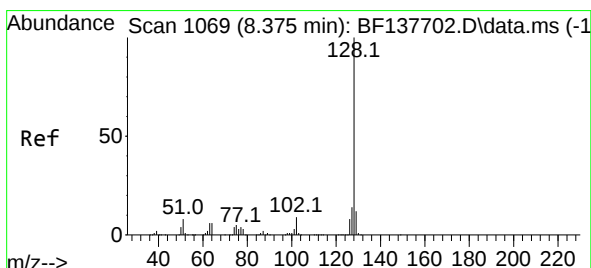
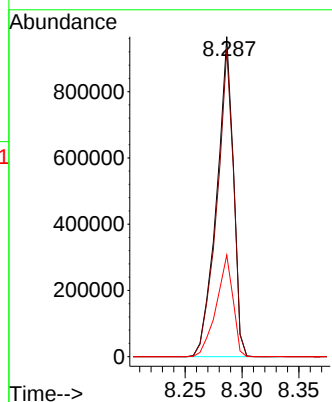
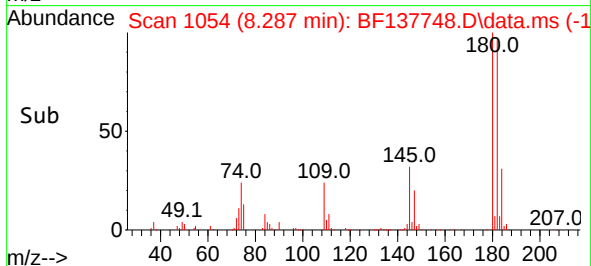


Tgt Ion:180 Resp: 988430
Ion Ratio Lower Upper
180 100
182 96.0 75.4 113.2
145 31.7 26.3 39.5

Manual Integrations

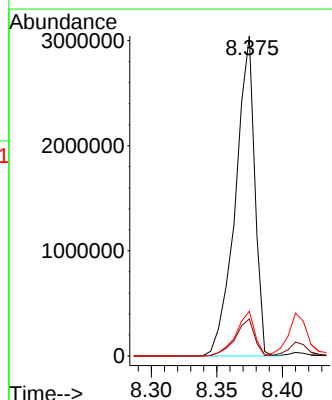
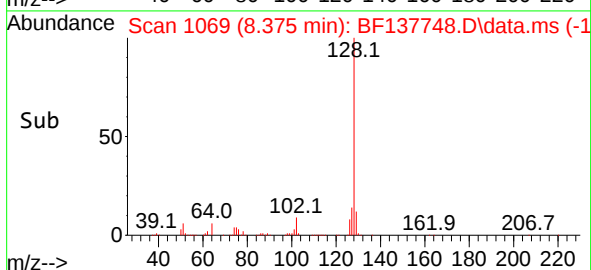
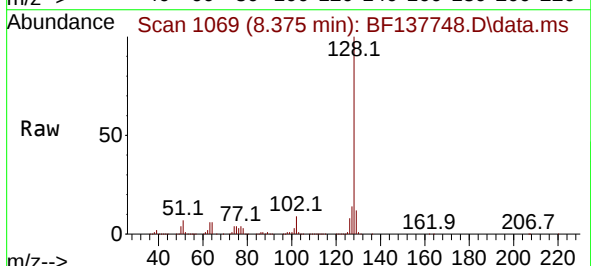
APPROVED

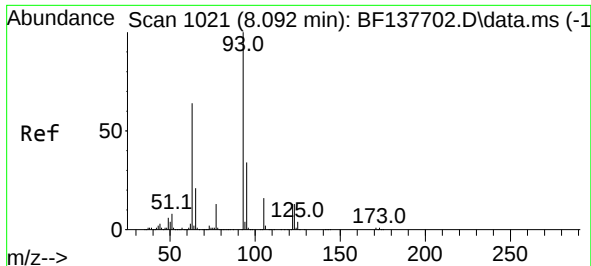
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#31
Naphthalene
Concen: 43.996 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

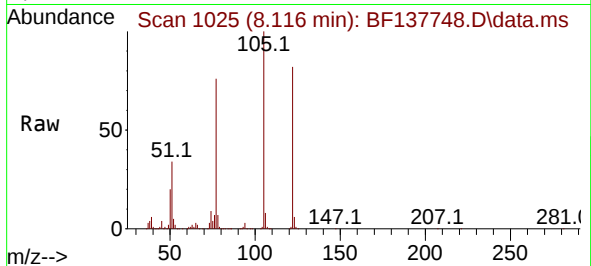
Tgt Ion:128 Resp: 3127077
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.0 11.0 16.6





#32
Benzoic acid
Concen: 51.502 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.024 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

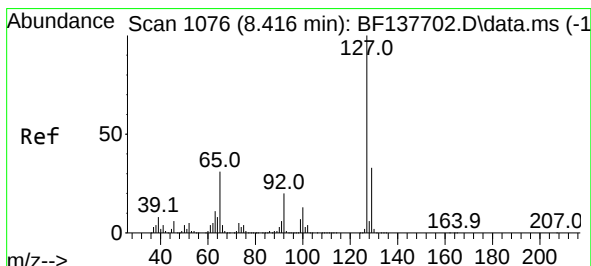
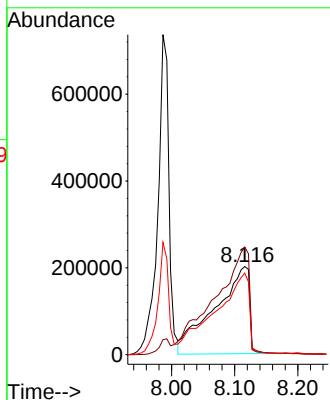
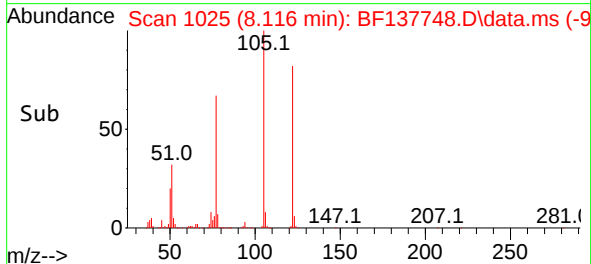
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:122 Resp: 765362
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 92.6 75.7 115.7

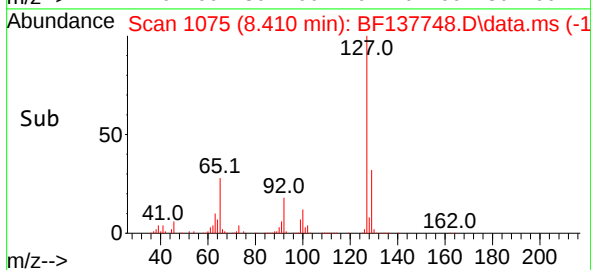
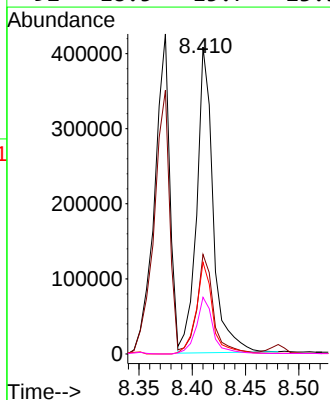
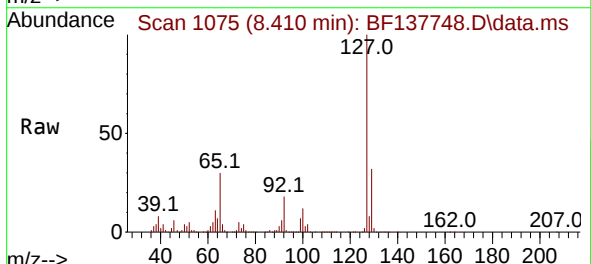
Manual Integrations
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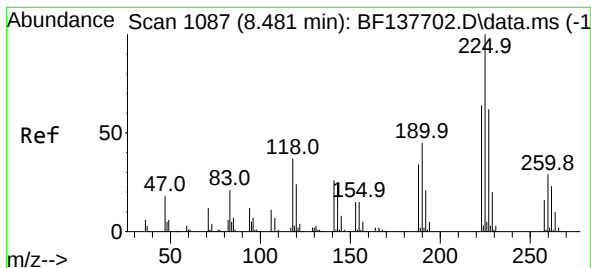
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#33
4-Chloroaniline
Concen: 14.537 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:127 Resp: 437328
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 29.9 24.6 36.8
92 18.5 15.7 23.5





#34

Hexachlorobutadiene

Concen: 46.641 ng

RT: 8.481 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

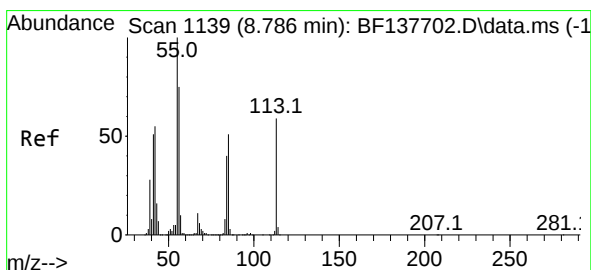
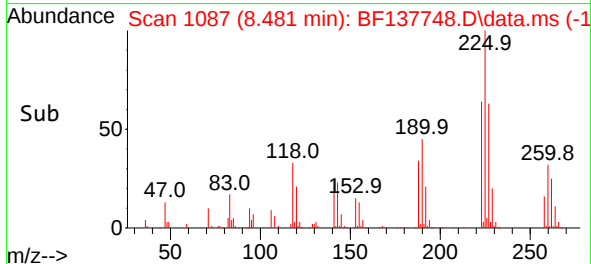
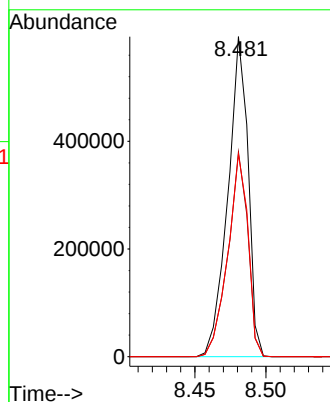
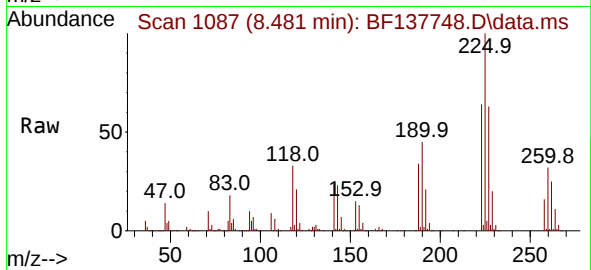
PB160543BS

Tgt Ion:225 Resp: 58622
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.4 77.0
 227 63.3 49.4 74.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#35

Caprolactam

Concen: 39.723 ng m

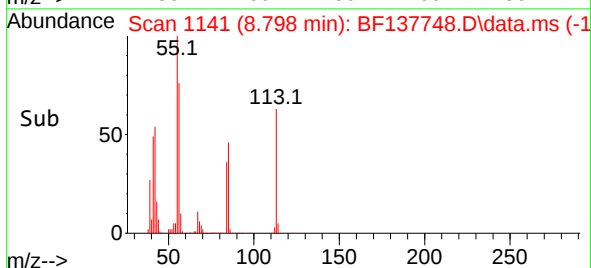
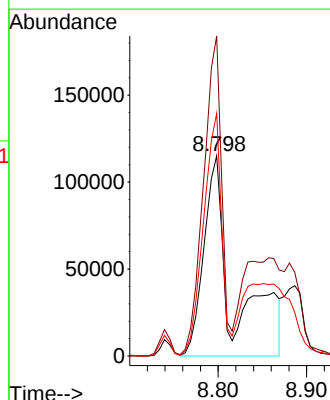
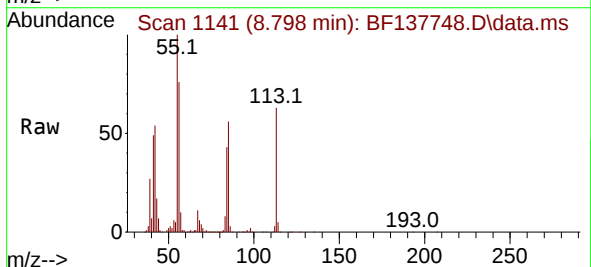
RT: 8.798 min Scan# 1141

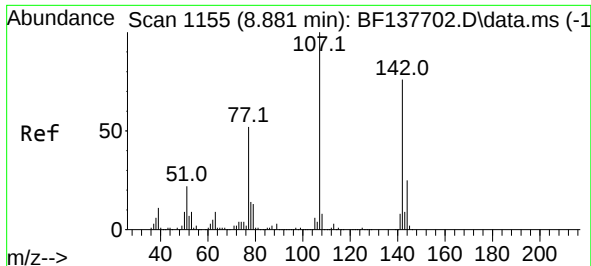
Delta R.T. 0.012 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

Tgt Ion:113 Resp: 264166
 Ion Ratio Lower Upper
 113 100
 55 159.9 148.7 188.7
 56 121.2 107.2 147.2





#36
4-Chloro-3-methylphenol
Concen: 44.769 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

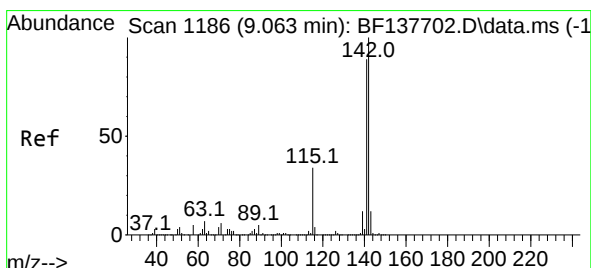
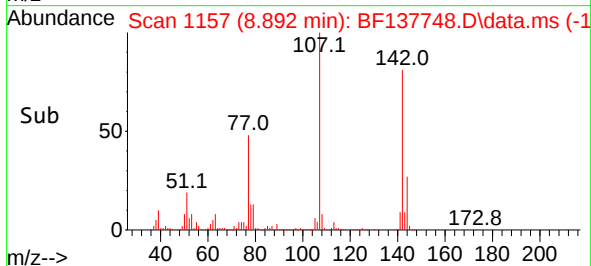
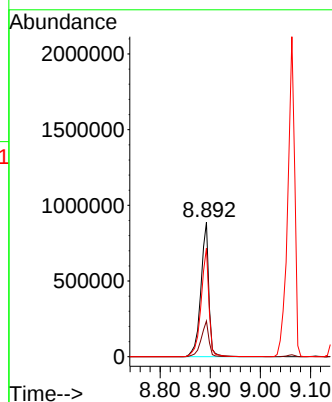
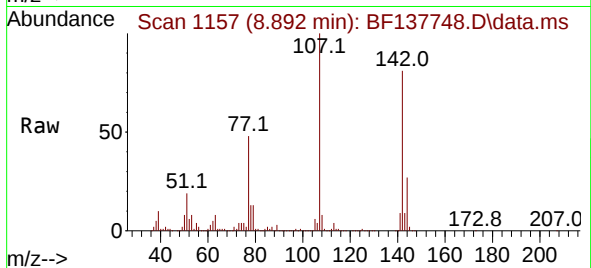
PB160543BS

Tgt Ion:107 Resp: 976692
Ion Ratio Lower Upper
107 100
144 26.5 19.8 29.8
142 80.8 60.5 90.7

Manual Integrations

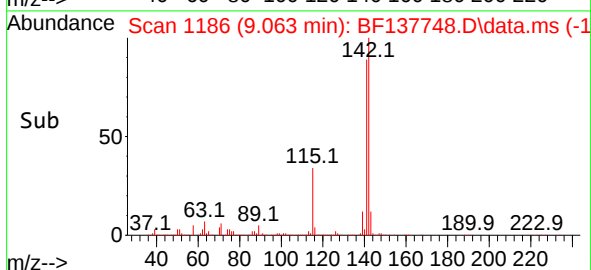
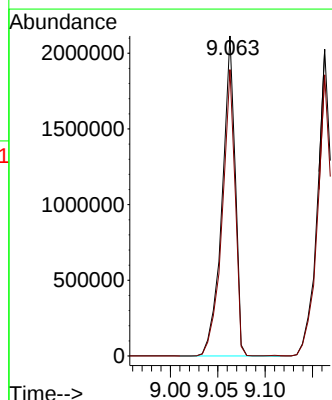
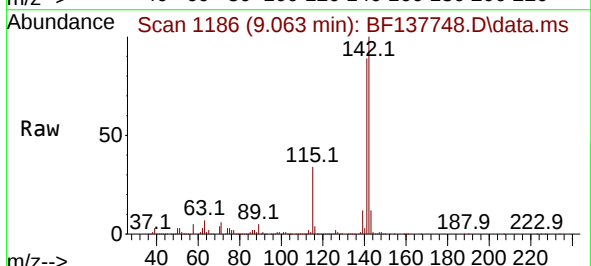
APPROVED

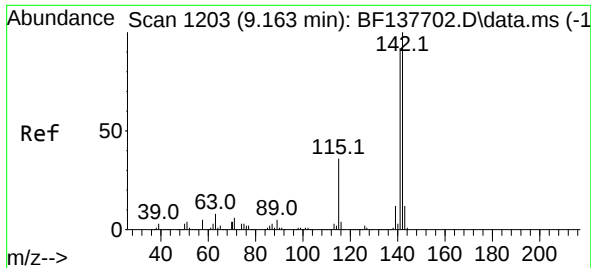
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#37
2-Methylnaphthalene
Concen: 41.651 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:142 Resp: 2031904
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8





#38
1-Methylnaphthalene
Concen: 42.462 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

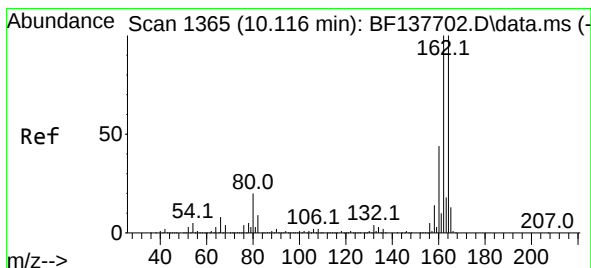
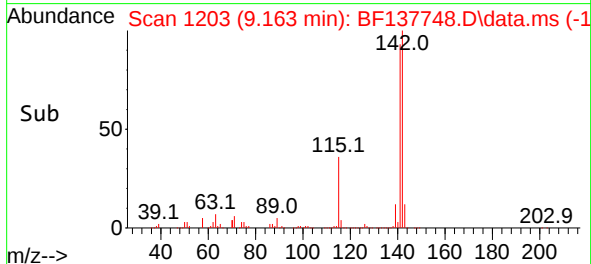
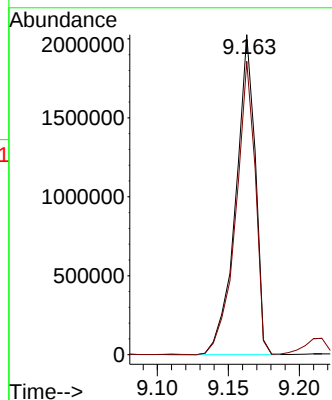
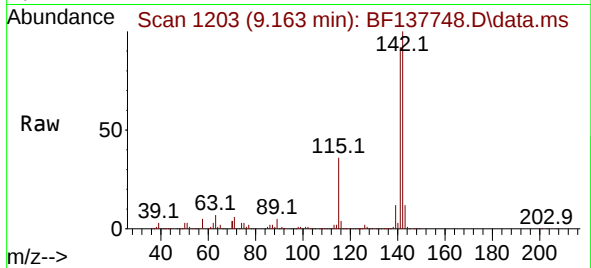
PB160543BS

Tgt Ion:142 Resp: 1936730
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0

Manual Integrations

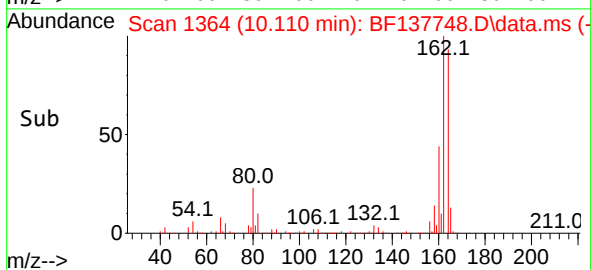
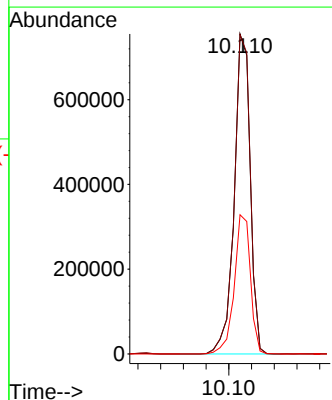
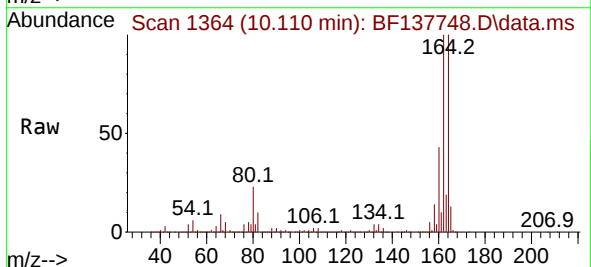
APPROVED

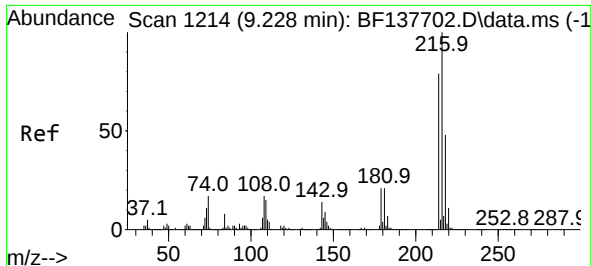
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:164 Resp: 735841
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 43.5 35.0 52.4





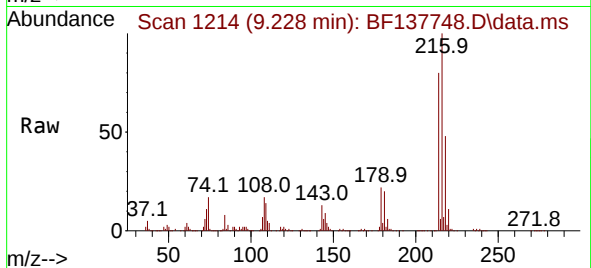
#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.668 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

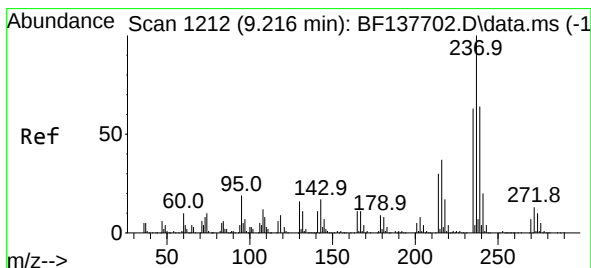
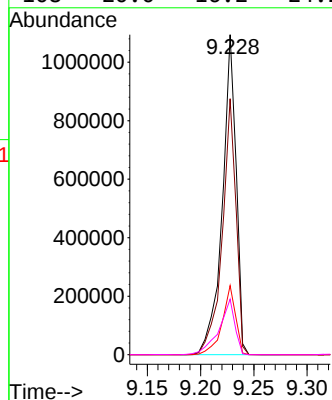
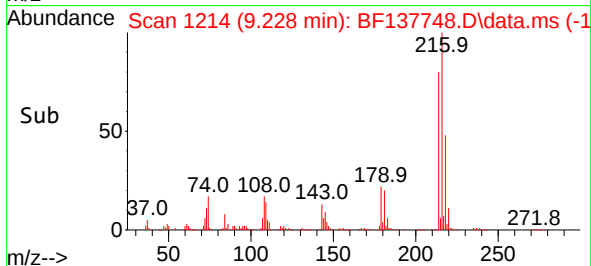


Tgt Ion:216 Resp: 981799
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 21.1 17.1 25.7
108 20.0 16.2 24.2

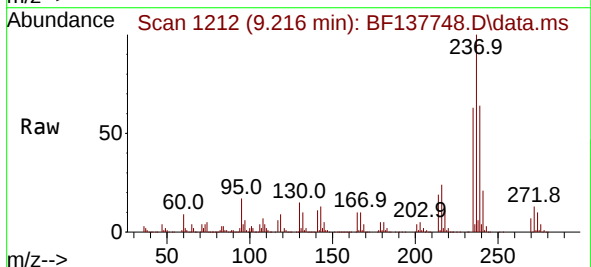
Manual Integrations

APPROVED

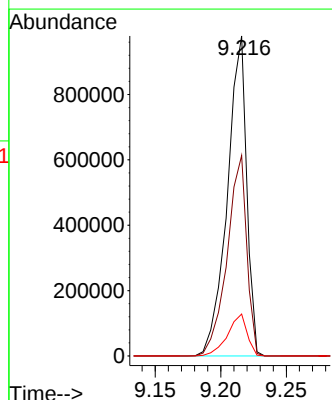
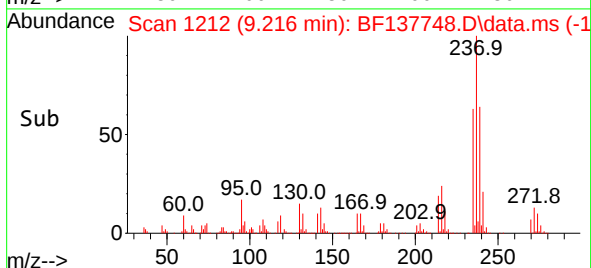
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

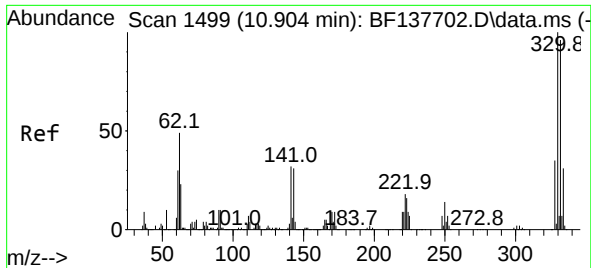


#41
Hexachlorocyclopentadiene
Concen: 89.064 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



Tgt Ion:237 Resp: 1006721
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 13.1 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 137.547 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

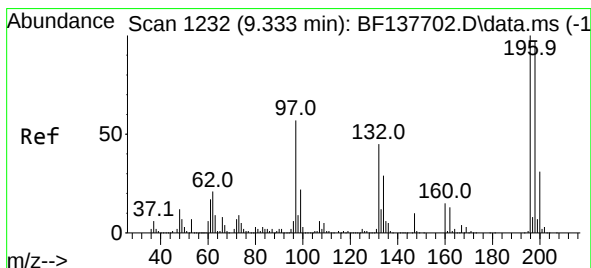
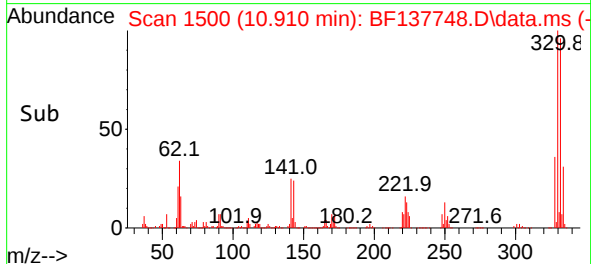
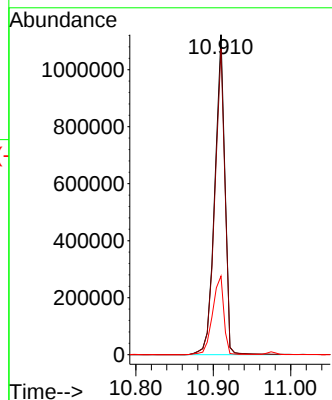
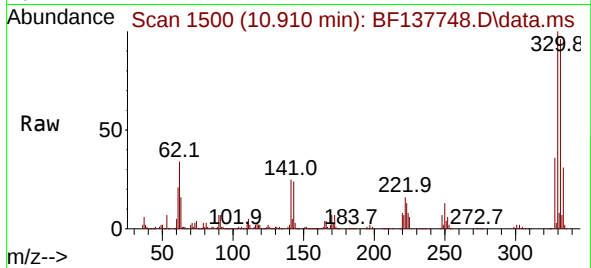
PB160543BS

Tgt Ion:330 Resp: 1021310
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 27.3 27.0 40.4

Manual Integrations

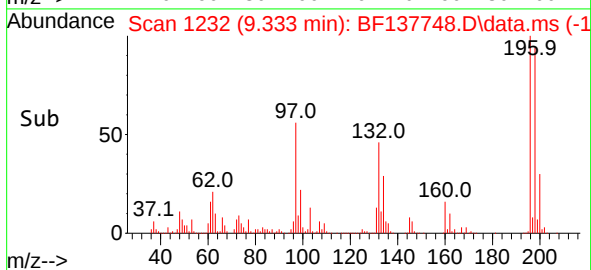
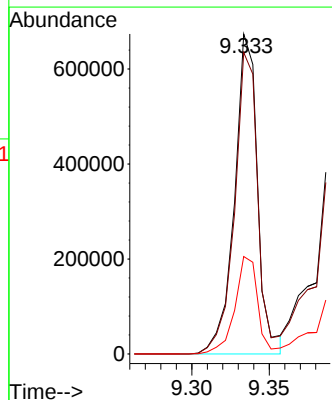
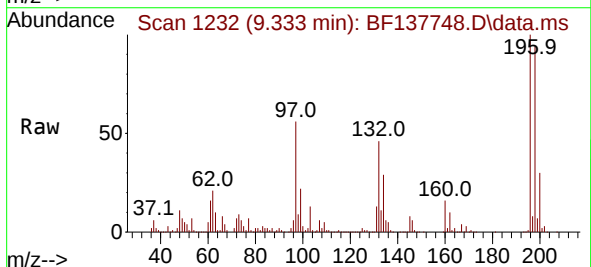
APPROVED

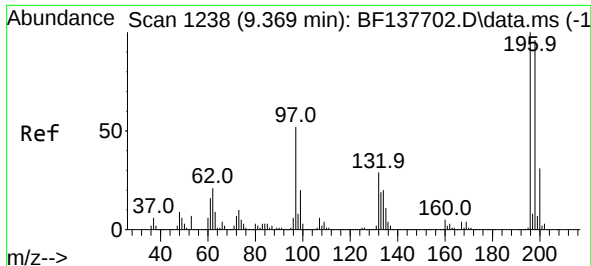
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#43
2,4,6-Trichlorophenol
Concen: 49.293 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:196 Resp: 697595
Ion Ratio Lower Upper
196 100
198 94.2 77.8 116.6
200 30.4 25.0 37.4





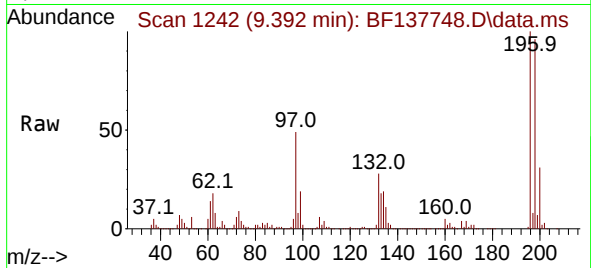
#44
2,4,5-Trichlorophenol
Concen: 43.291 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.023 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

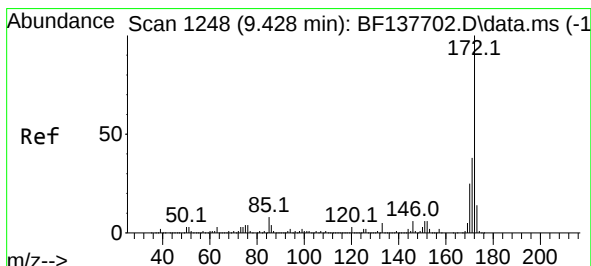
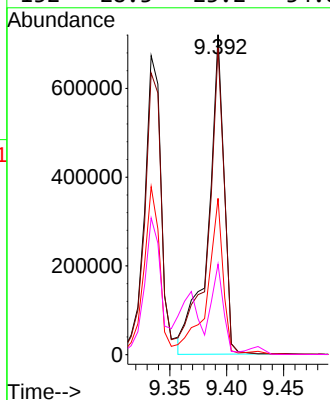
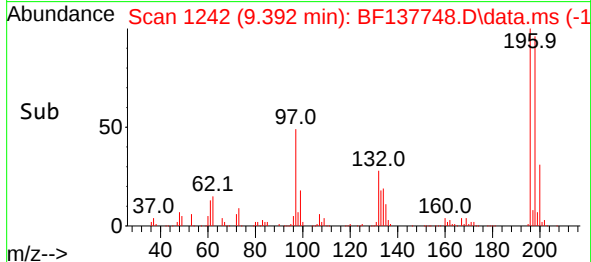


Tgt Ion:196 Resp: 702138
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 48.9 41.8 62.8
132 28.3 23.2 34.8

Manual Integrations

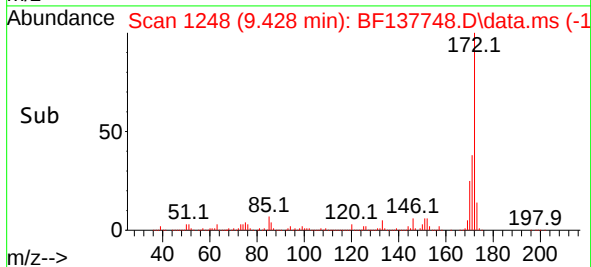
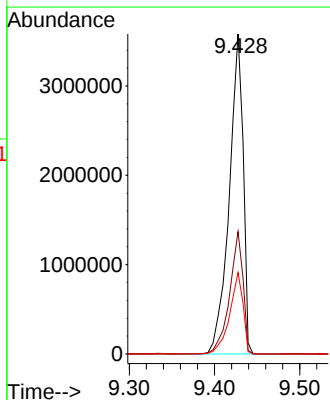
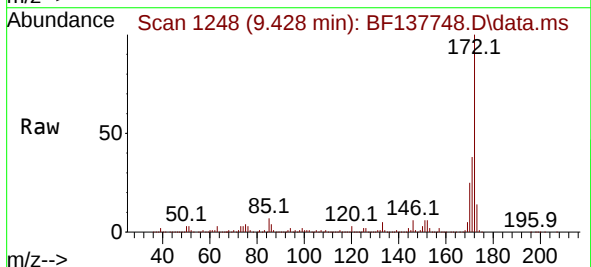
APPROVED

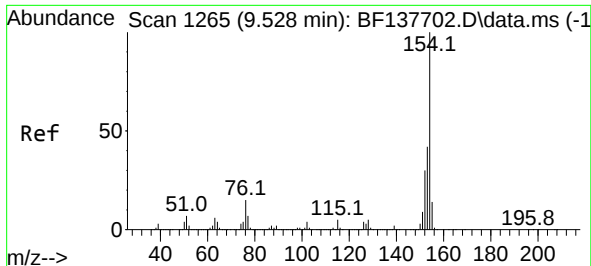
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#45
2-Fluorobiphenyl
Concen: 82.602 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:172 Resp: 4067849
Ion Ratio Lower Upper
172 100
171 38.3 30.2 45.4
170 25.4 20.2 30.4





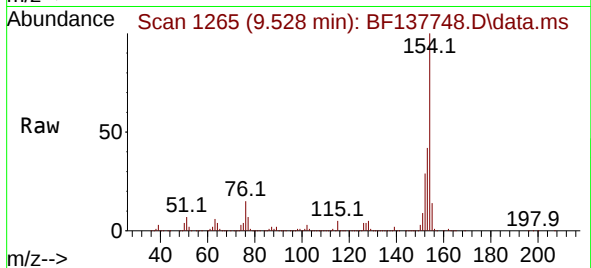
#46
1,1'-Biphenyl
Concen: 45.757 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

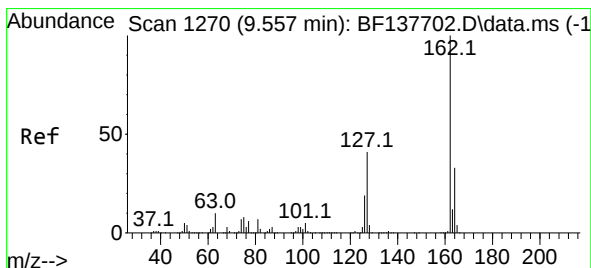
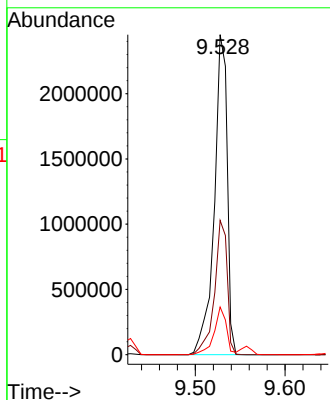
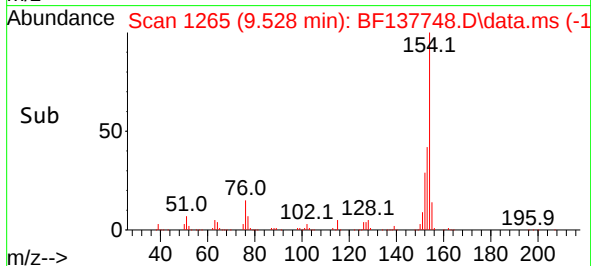


Tgt Ion:154 Resp: 2449398
Ion Ratio Lower Upper
154 100
153 42.0 21.9 61.9
76 14.9 0.0 35.3

Manual Integrations

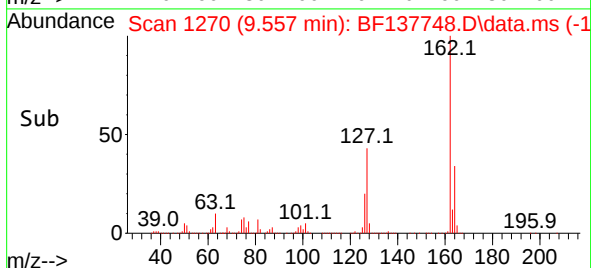
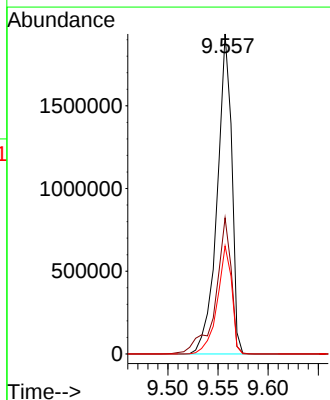
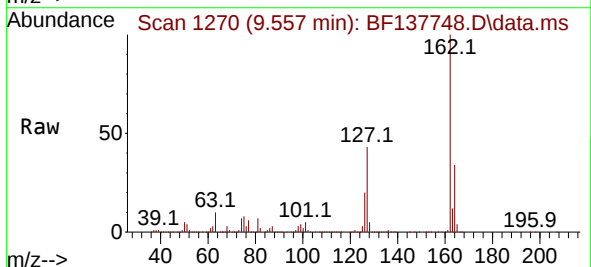
APPROVED

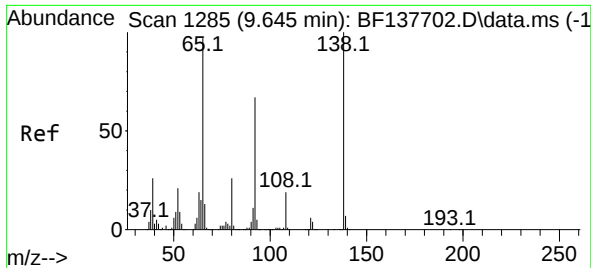
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#47
2-Chloronaphthalene
Concen: 47.250 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:162 Resp: 1949744
Ion Ratio Lower Upper
162 100
127 42.6 33.1 49.7
164 33.7 26.5 39.7





#48
2-Nitroaniline
Concen: 46.942 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

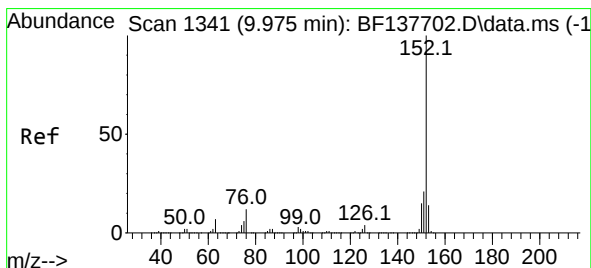
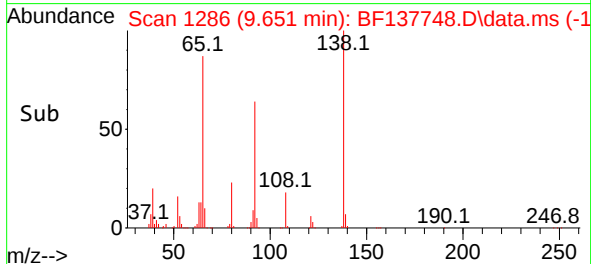
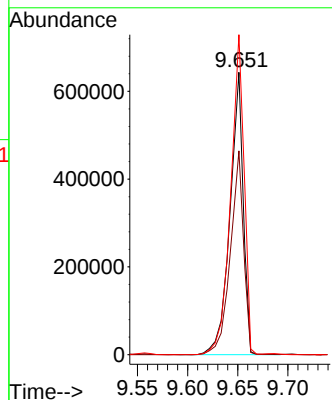
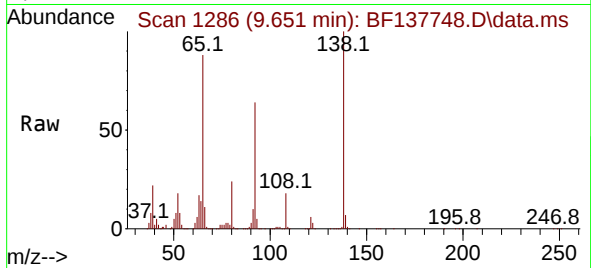
PB160543BS

Tgt Ion: 65 Resp: 590262
Ion Ratio Lower Upper
65 100
92 72.2 54.9 82.3
138 113.3 82.4 123.6

Manual Integrations

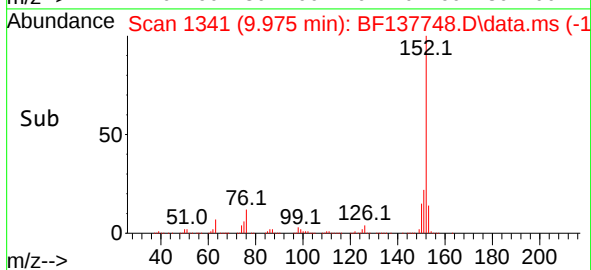
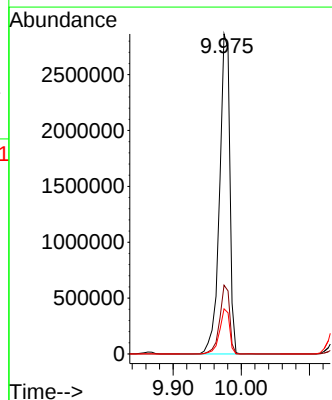
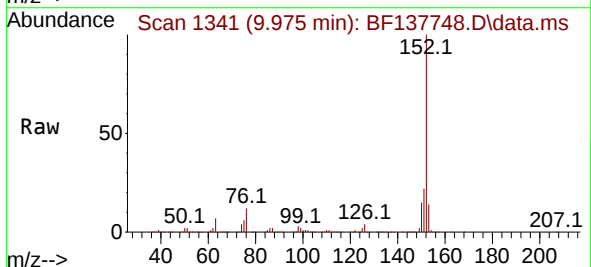
APPROVED

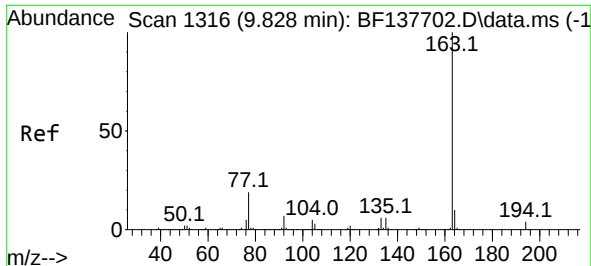
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#49
Acenaphthylene
Concen: 46.571 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:152 Resp: 2996889
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.1 11.0 16.4





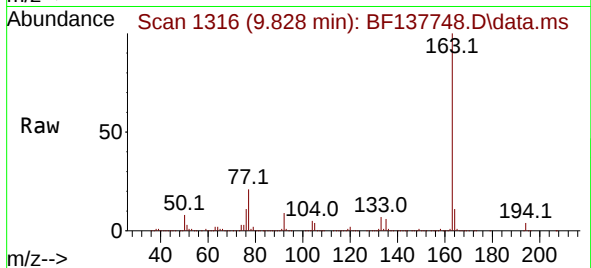
#50
Dimethylphthalate
Concen: 45.090 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

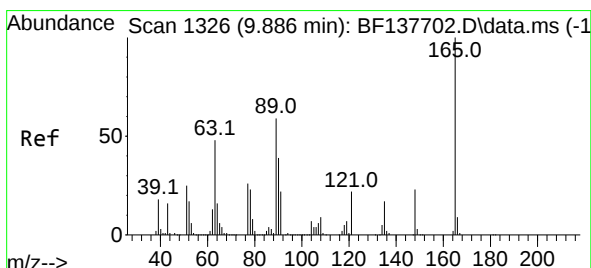
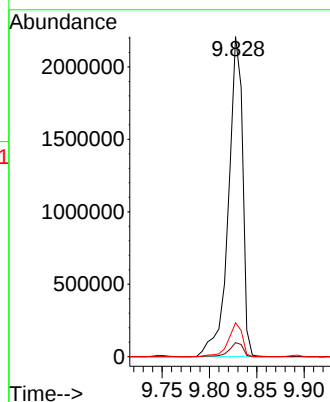
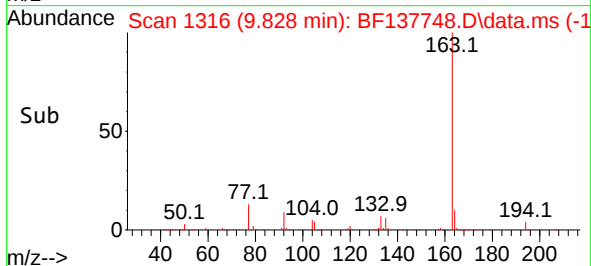


Tgt Ion:163 Resp: 231168
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.2 12.2

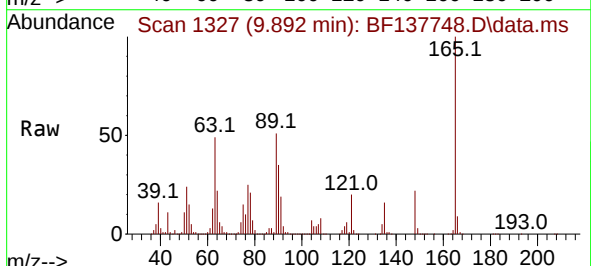
Manual Integrations

APPROVED

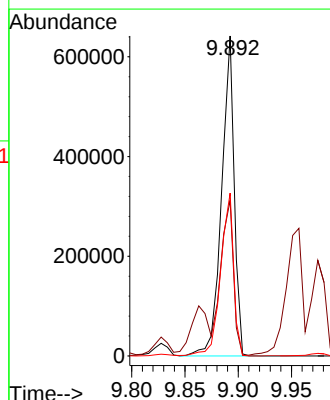
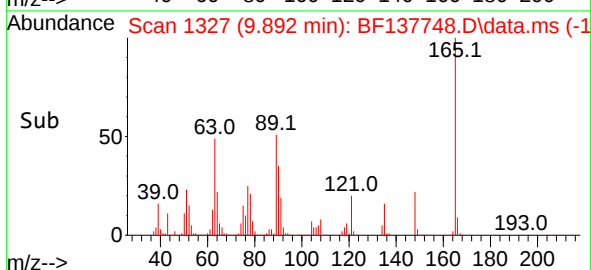
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

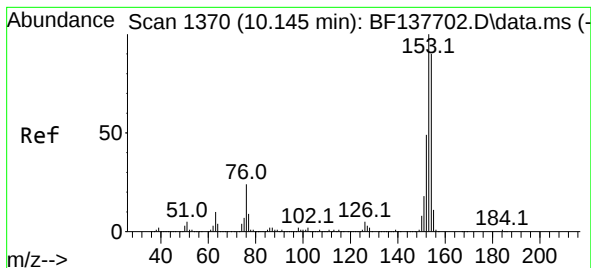


#51
2,6-Dinitrotoluene
Concen: 48.796 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



Tgt Ion:165 Resp: 527090
Ion Ratio Lower Upper
165 100
63 48.6 47.7 71.5
89 50.9 47.3 70.9





#52
Acenaphthene
Concen: 49.367 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

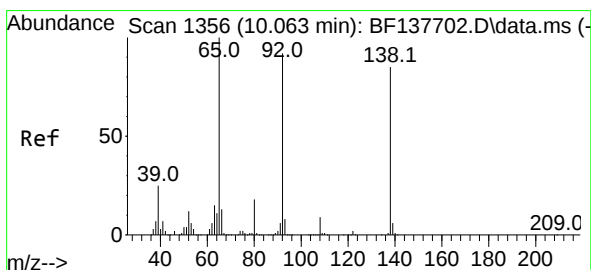
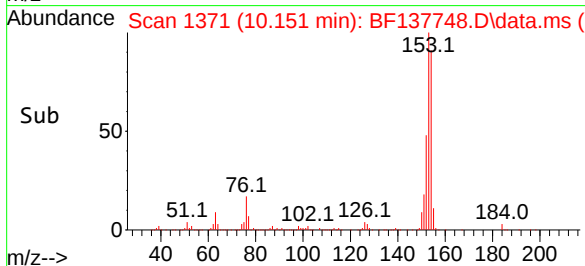
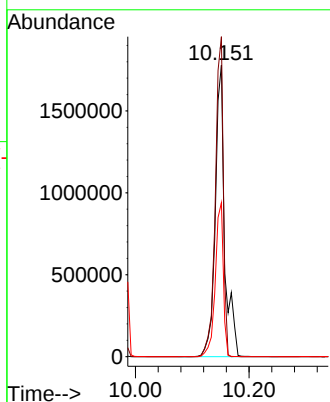
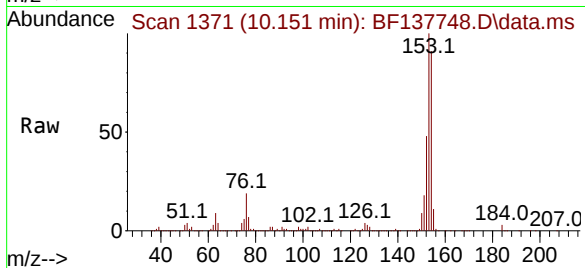
PB160543BS

Tgt Ion:154 Resp: 2057018
Ion Ratio Lower Upper
154 100
153 109.8 88.5 132.7
152 52.8 43.3 64.9

Manual Integrations

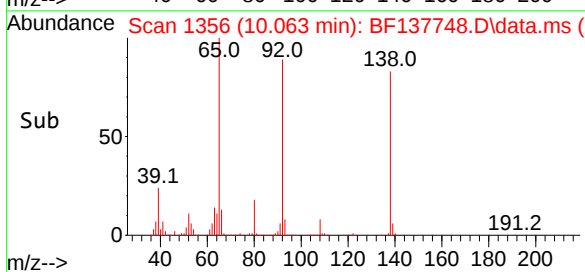
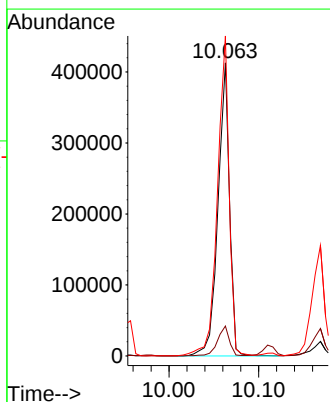
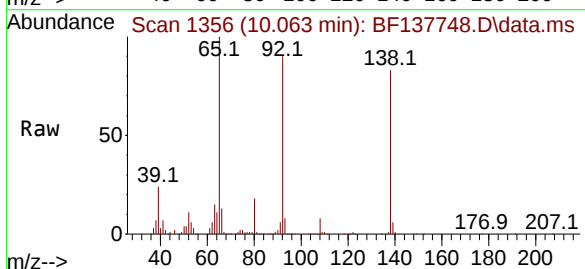
APPROVED

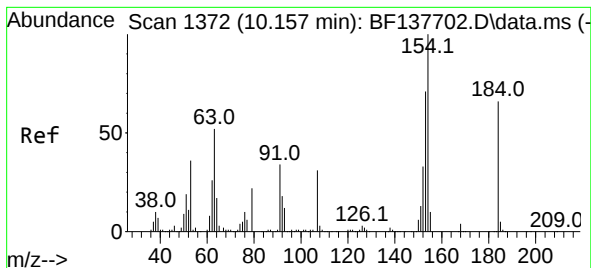
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#53
3-Nitroaniline
Concen: 30.347 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

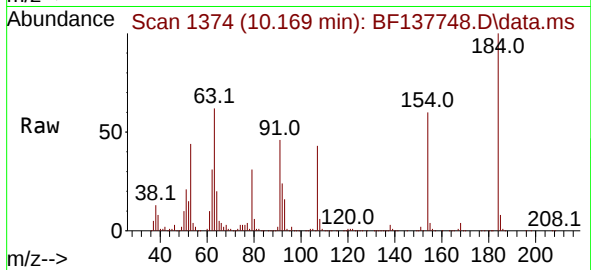
Tgt Ion:138 Resp: 368383
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 109.1 86.9 130.3





#54
2,4-Dinitrophenol
Concen: 104.600 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

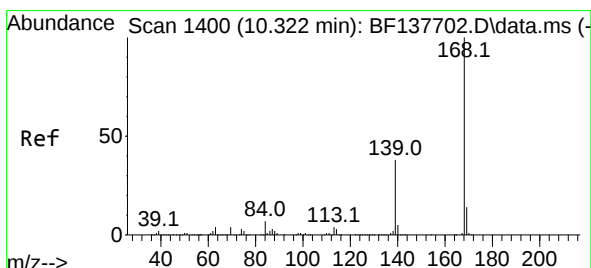
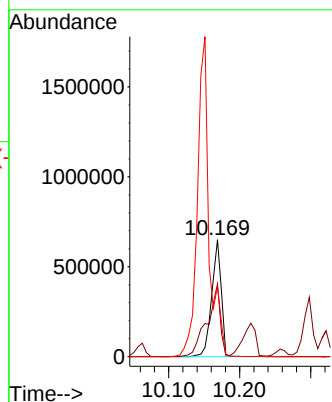
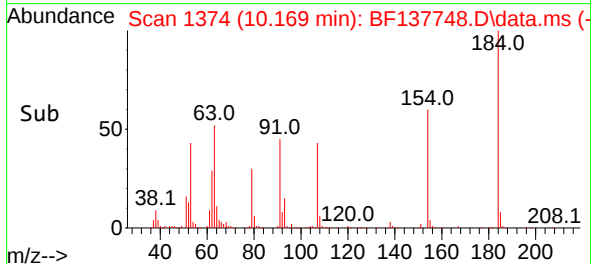
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:184 Resp: 61092
Ion Ratio Lower Upper
184 100
63 62.2 63.5 95.3
154 60.0 123.0 184.6

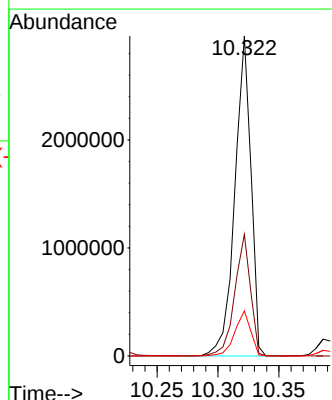
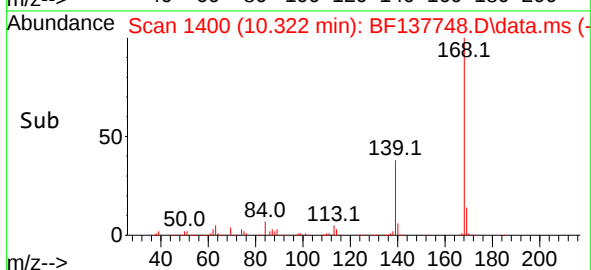
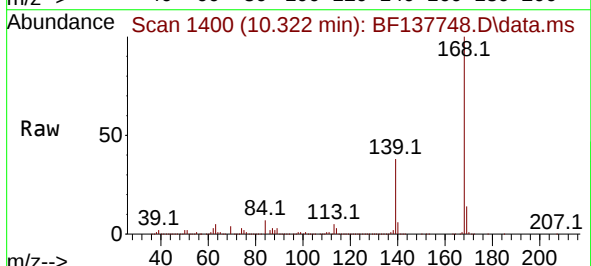
Manual Integrations
APPROVED

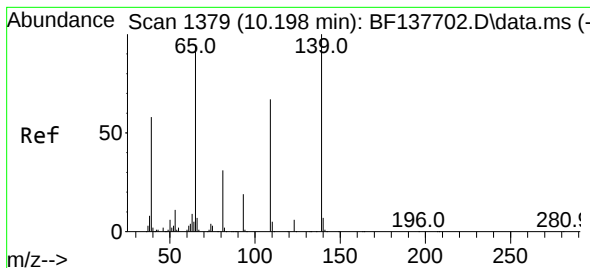
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#55
Dibenzofuran
Concen: 44.419 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

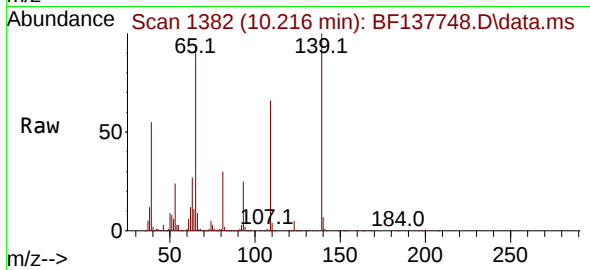
Tgt Ion:168 Resp: 2713092
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.1 10.9 16.3





#56
4-Nitrophenol
Concen: 94.302 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

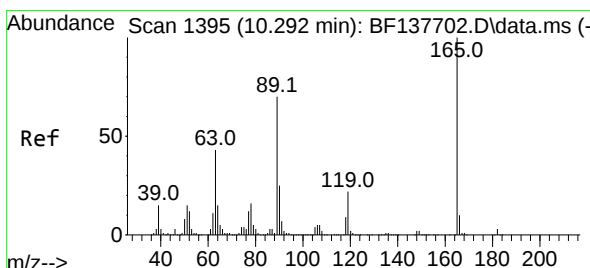
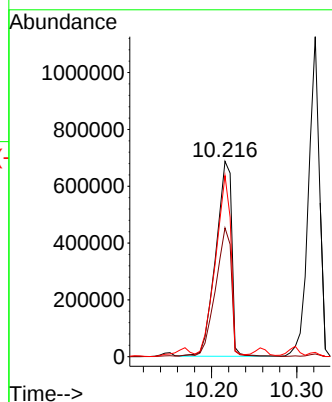
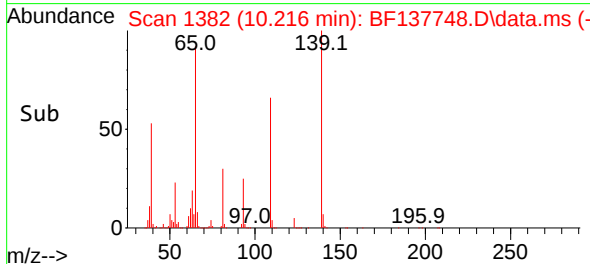
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:139 Resp: 890233
Ion Ratio Lower Upper
139 100
109 66.0 46.9 86.9
65 92.7 75.8 115.8

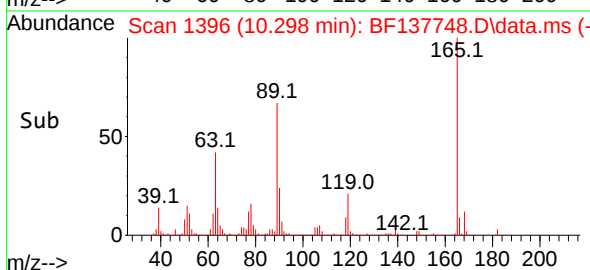
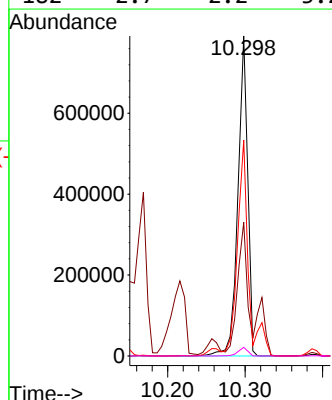
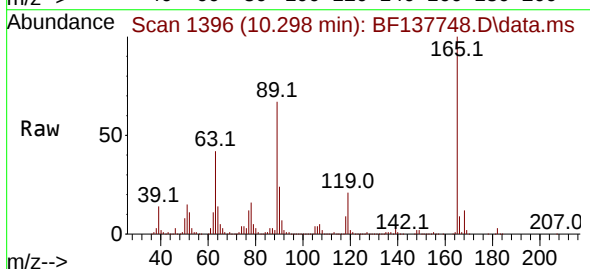
Manual Integrations
APPROVED

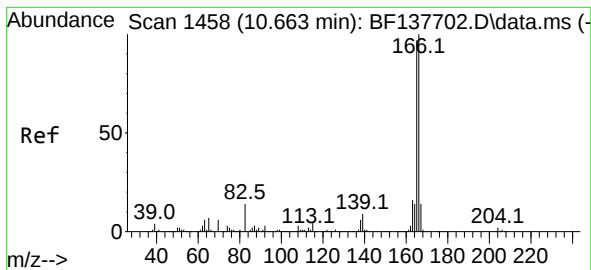
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#57
2,4-Dinitrotoluene
Concen: 51.413 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

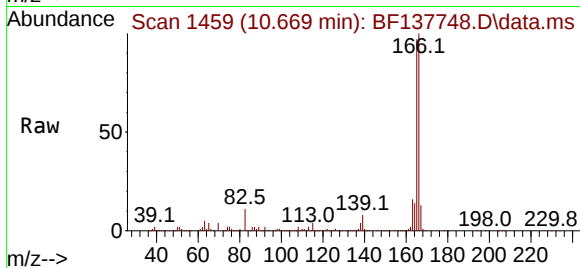
Tgt Ion:165 Resp: 700138
Ion Ratio Lower Upper
165 100
63 41.8 34.1 51.1
89 67.5 56.4 84.6
182 2.7 2.2 3.2





#58
Fluorene
Concen: 44.052 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

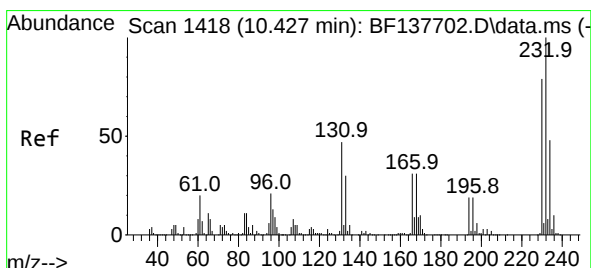
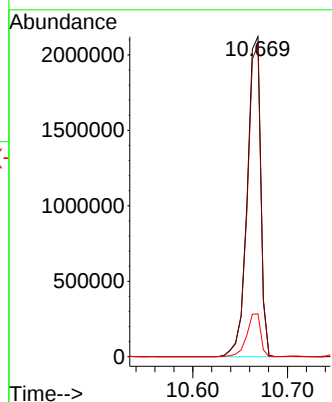
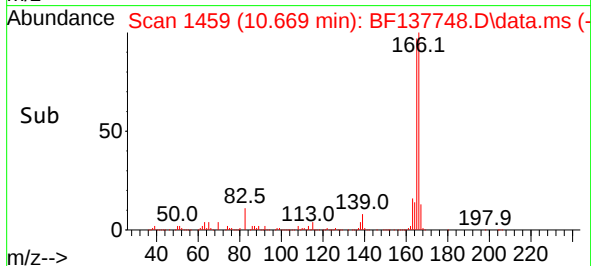
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:166 Resp: 210241
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 13.4 10.8 16.2

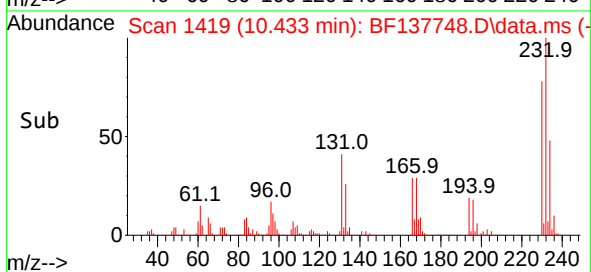
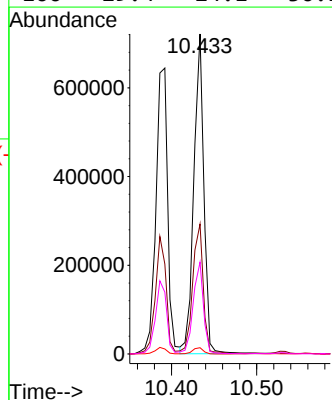
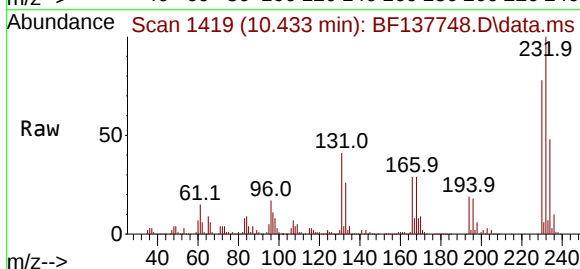
Manual Integrations
APPROVED

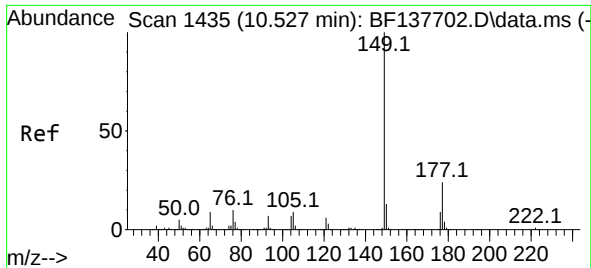
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 47.030 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:232 Resp: 590639
Ion Ratio Lower Upper
232 100
131 42.7 36.4 54.6
130 2.1 1.8 2.6
166 29.4 24.1 36.1





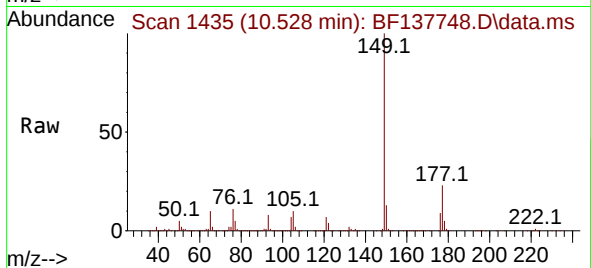
#60
Diethylphthalate
Concen: 43.306 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

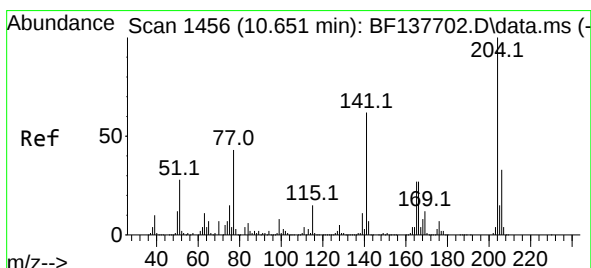
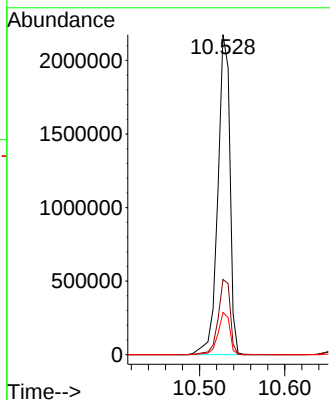
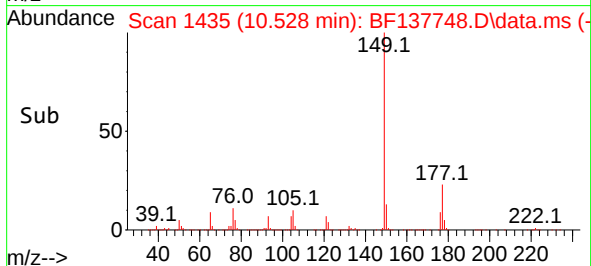


Tgt Ion:149 Resp: 2135424
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.4
150 13.2 10.2 15.2

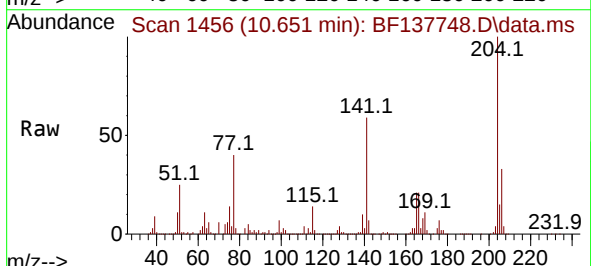
Manual Integrations

APPROVED

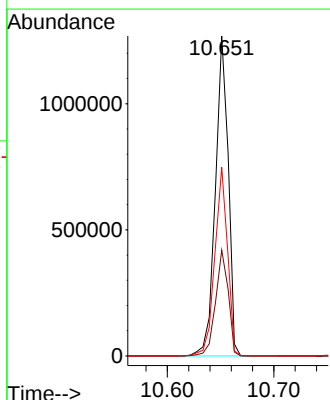
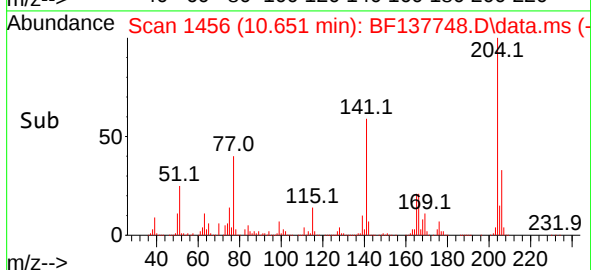
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

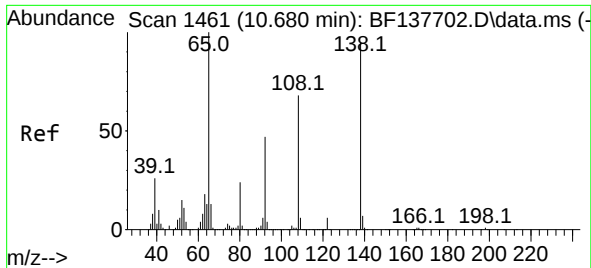


#61
4-Chlorophenyl-phenylether
Concen: 44.785 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



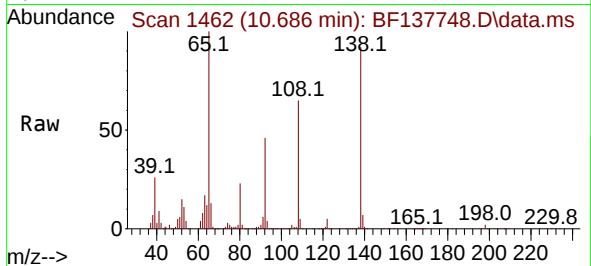
Tgt Ion:204 Resp: 1056113
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 58.9 49.4 74.2





#62
4-Nitroaniline
Concen: 45.098 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

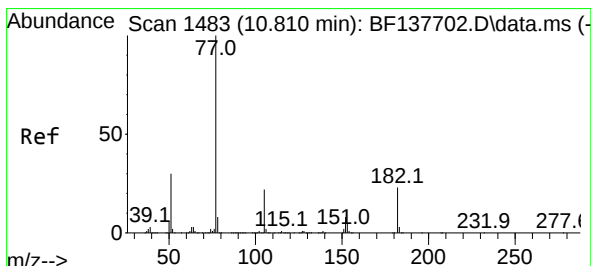
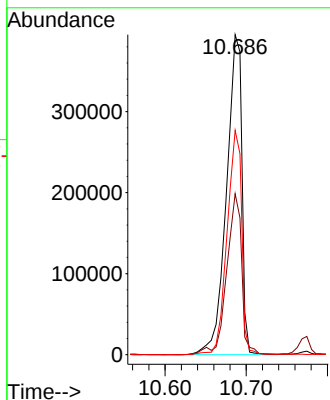
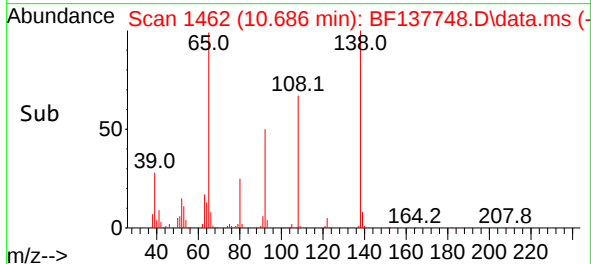
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:138 Resp: 521434
Ion Ratio Lower Upper
138 100
92 50.3 29.8 69.8
108 70.1 51.1 91.1

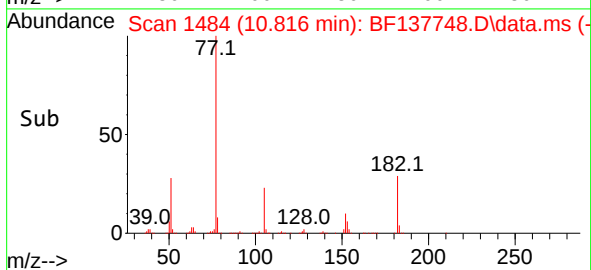
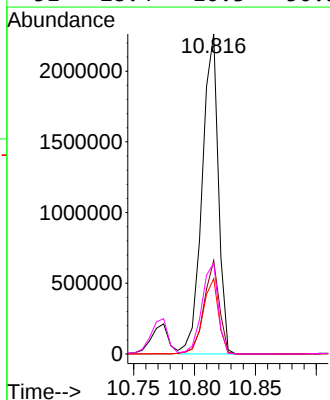
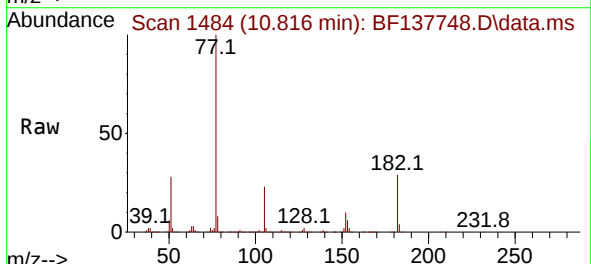
Manual Integrations
APPROVED

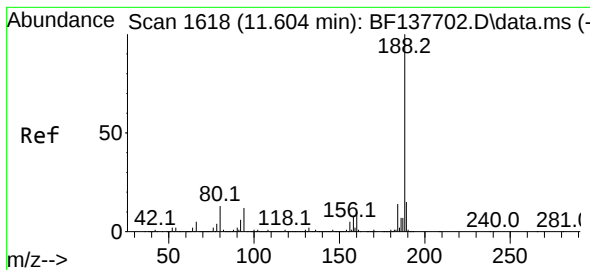
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#63
Azobenzene
Concen: 41.286 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

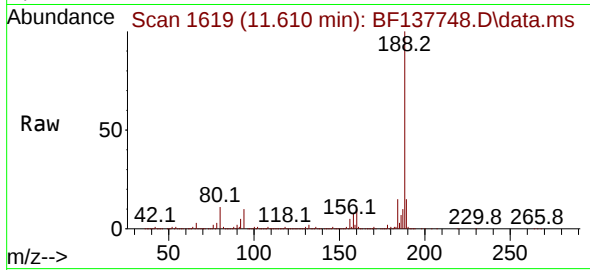
Tgt Ion: 77 Resp: 2086175
Ion Ratio Lower Upper
77 100
182 29.2 3.1 43.1
105 23.5 1.6 41.6
51 28.4 10.3 50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

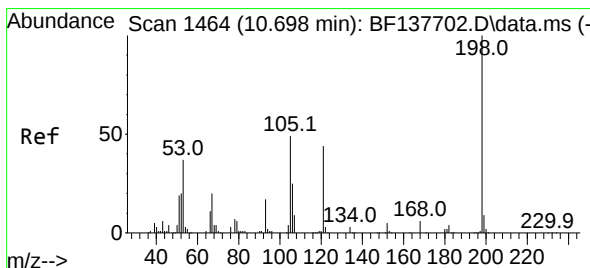
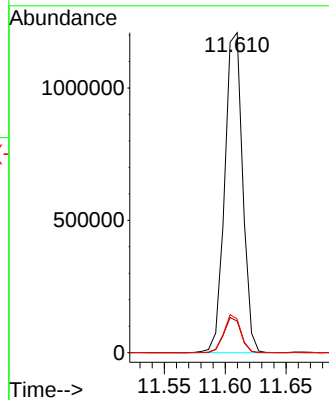
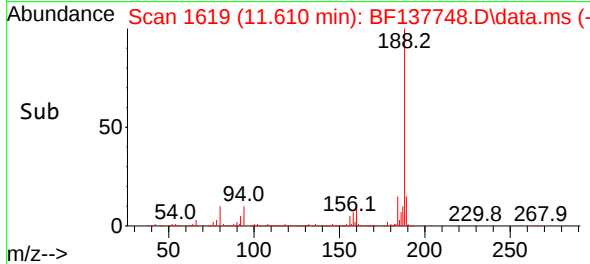
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:188 Resp: 1244520
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.5 10.2 15.4

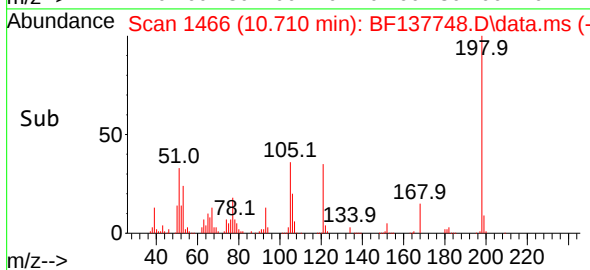
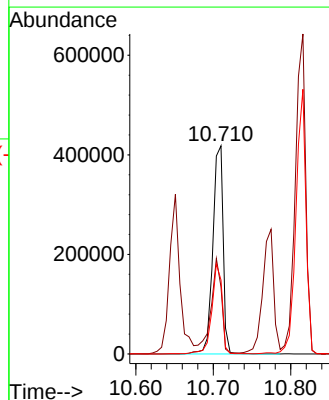
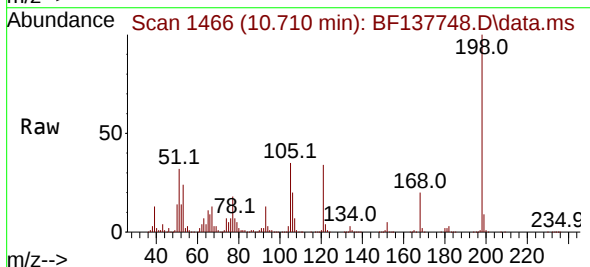
Manual Integrations
APPROVED

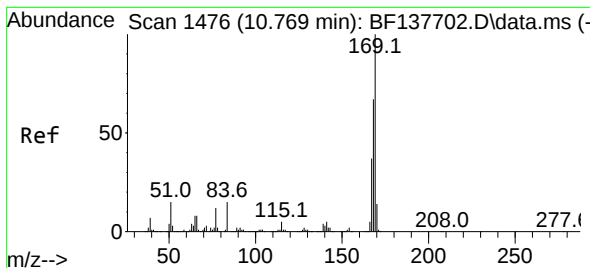
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 54.212 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.012 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

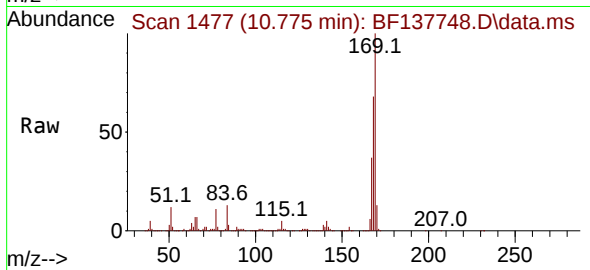
Tgt Ion:198 Resp: 386838
Ion Ratio Lower Upper
198 100
51 32.2 33.5 73.5#
105 35.5 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 44.719 ng
RT: 10.775 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

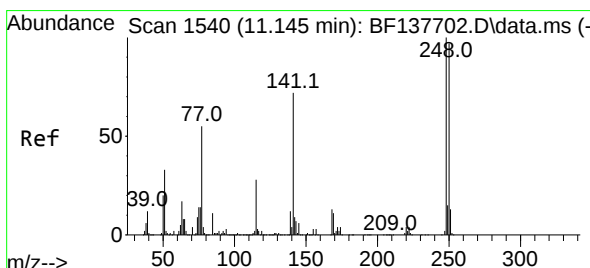
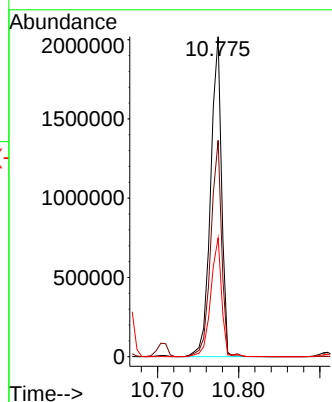
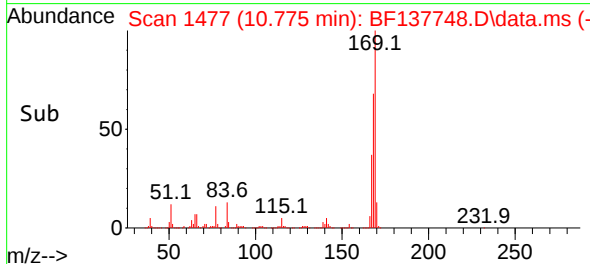
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:169 Resp: 188492
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 37.1 29.6 44.4

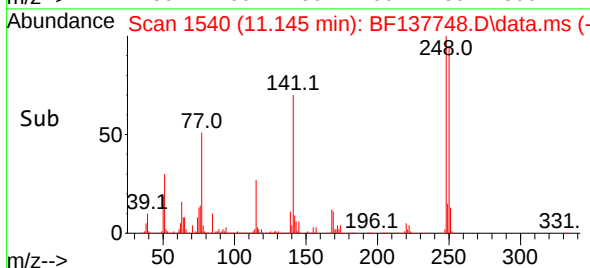
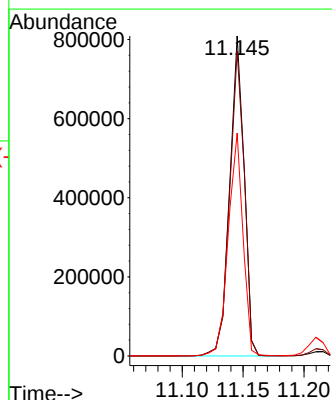
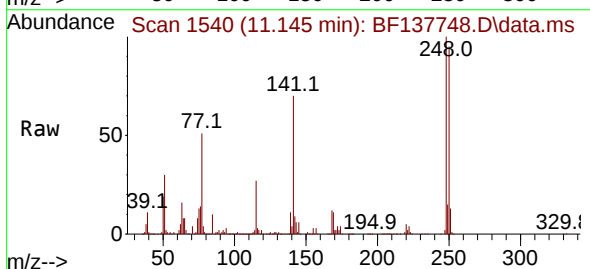
Manual Integrations
APPROVED

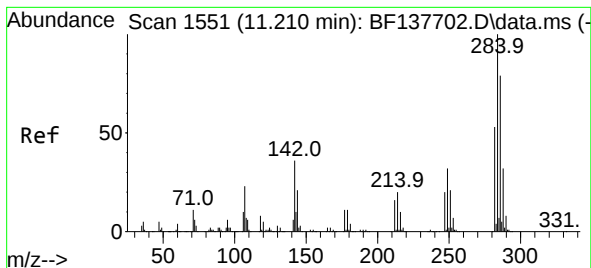
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#67
4-Bromophenyl-phenylether
Concen: 46.445 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

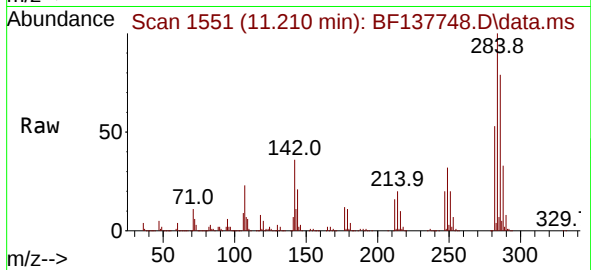
Tgt Ion:248 Resp: 669784
Ion Ratio Lower Upper
248 100
250 95.3 77.4 116.0
141 69.7 57.9 86.9





#68
Hexachlorobenzene
Concen: 50.250 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

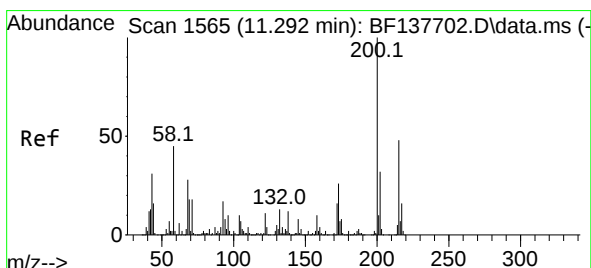
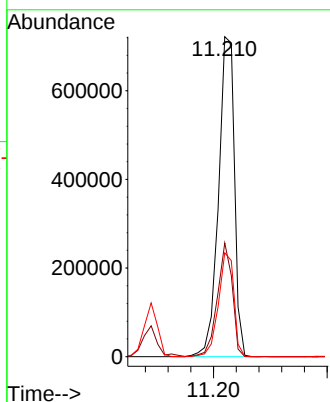
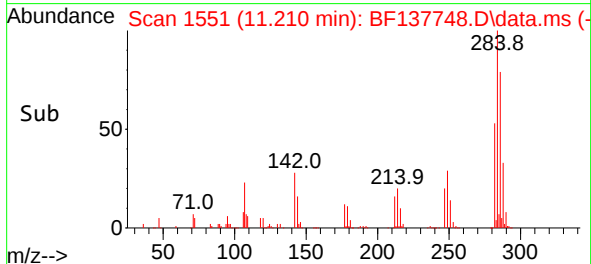
Instrument :
BNA_F
ClientSampleId :
PB160543BS



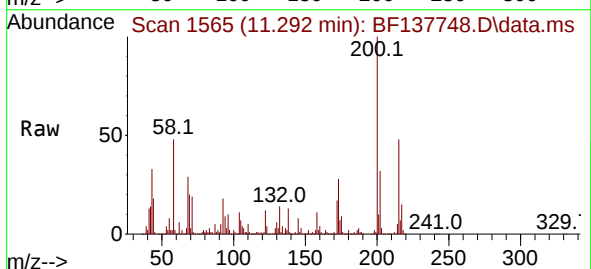
Tgt Ion:284 Resp: 705958
Ion Ratio Lower Upper
284 100
142 35.6 28.5 42.7
249 32.4 25.6 38.4

Manual Integrations
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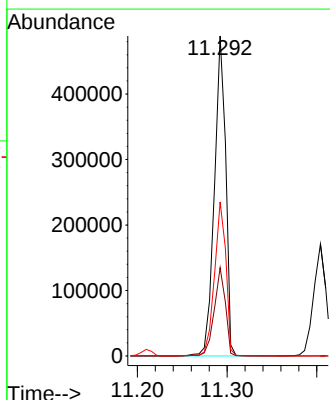
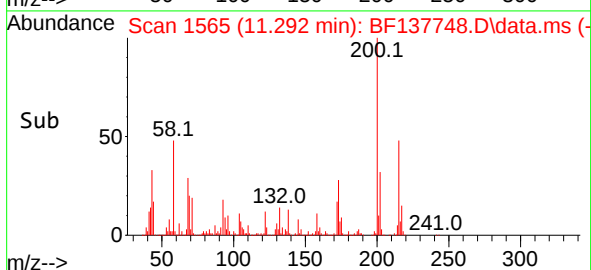
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

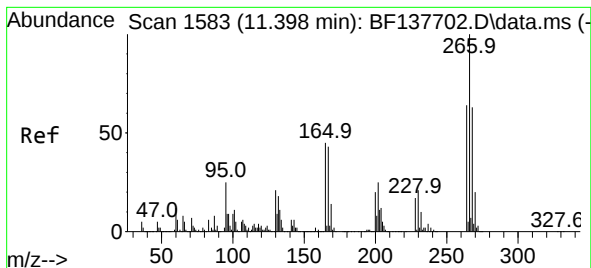


#69
Atrazine
Concen: 36.650 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



Tgt Ion:200 Resp: 427043
Ion Ratio Lower Upper
200 100
173 27.6 6.3 46.3
215 48.2 28.0 68.0





#70

Pentachlorophenol

Concen: 86.017 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

Tgt Ion:266 Resp: 90904

Ion Ratio Lower Upper

266 100

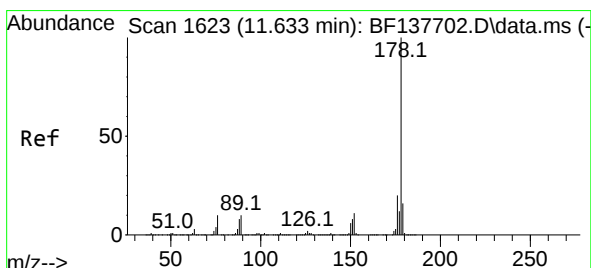
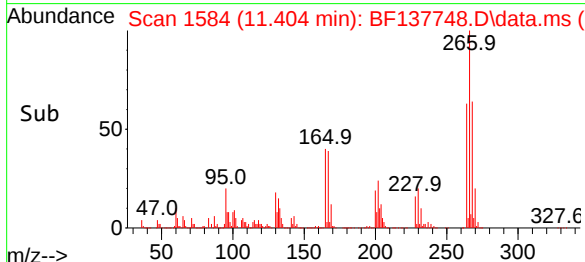
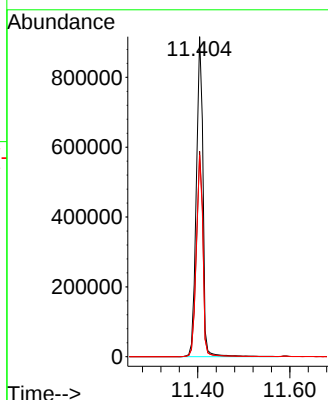
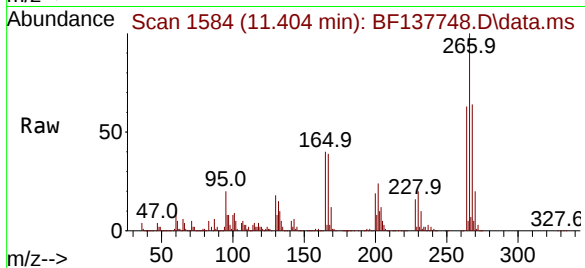
268 64.2 50.4 75.6

264 63.0 51.4 77.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#71

Phenanthrene

Concen: 44.025 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

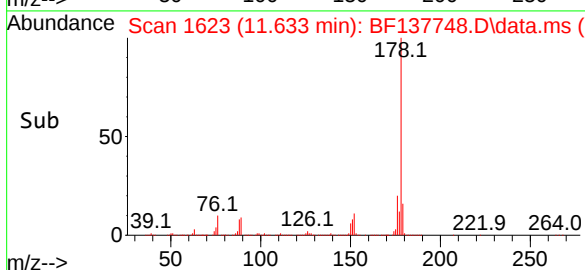
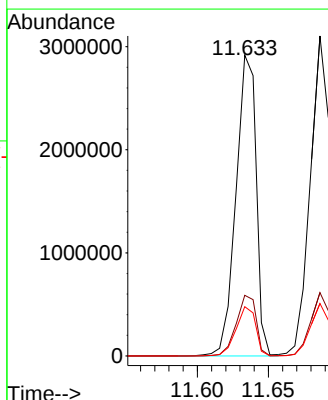
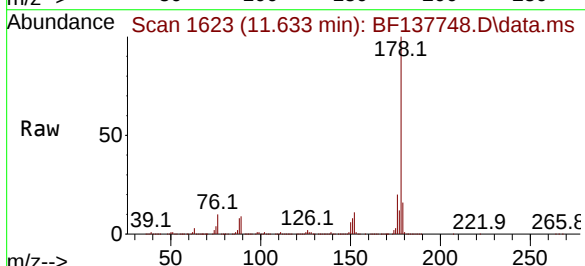
Tgt Ion:178 Resp: 2900319

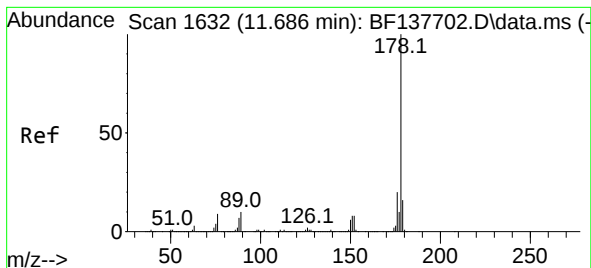
Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

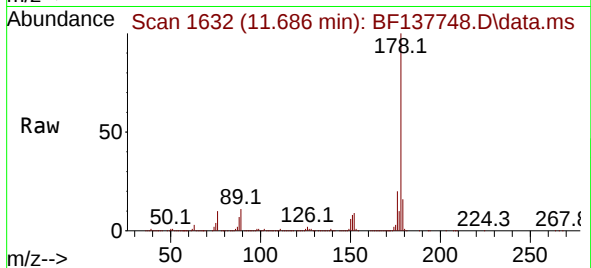
179 16.4 12.8 19.2





#72
 Anthracene
 Concen: 43.365 ng
 RT: 11.686 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: BF137748.D
 Acq: 29 Apr 2024 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB160543BS

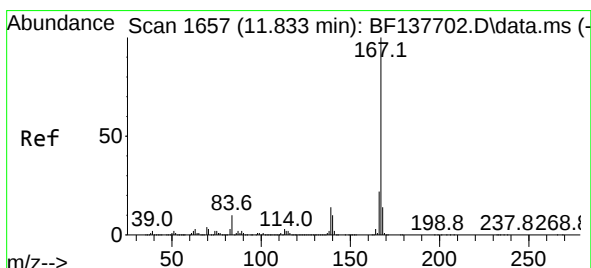
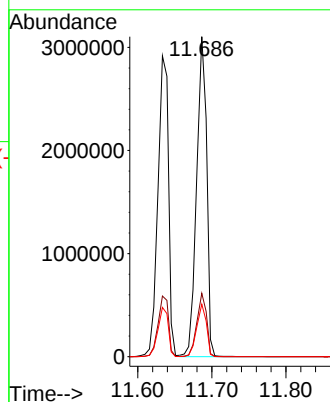
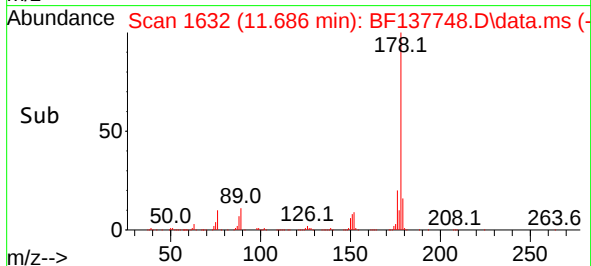


Tgt Ion:178 Resp: 2925414

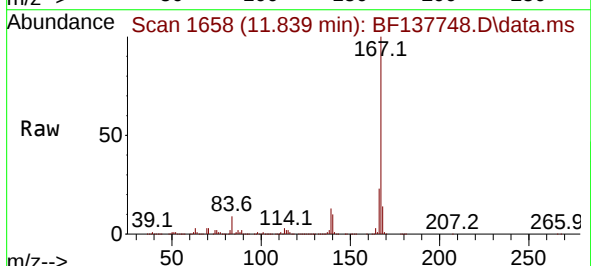
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.4	13.0	19.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

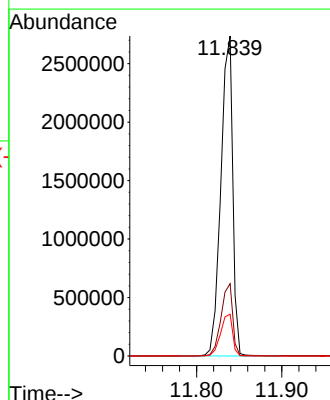
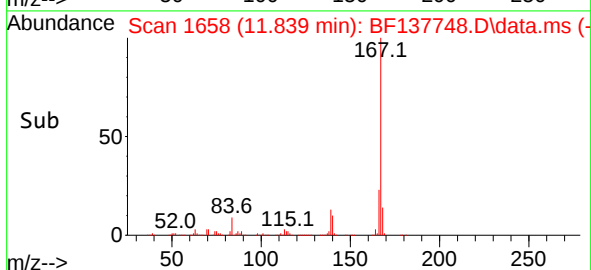


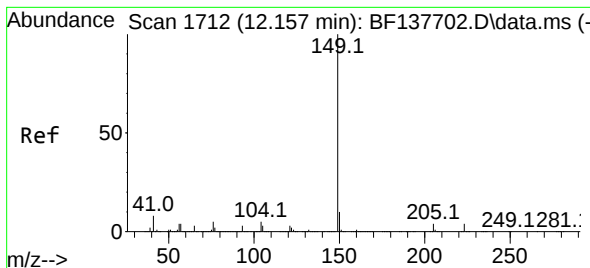
#73
 Carbazole
 Concen: 43.307 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: BF137748.D
 Acq: 29 Apr 2024 11:16



Tgt Ion:167 Resp: 2647660

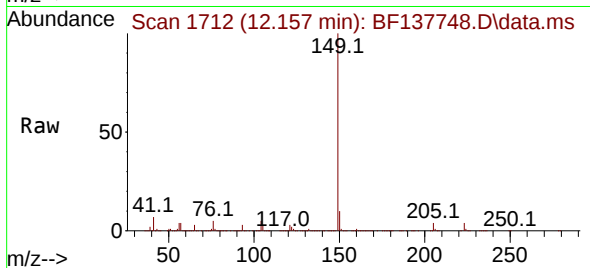
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	13.1	10.9	16.3





#74
Di-n-butylphthalate
Concen: 41.753 ng
RT: 12.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

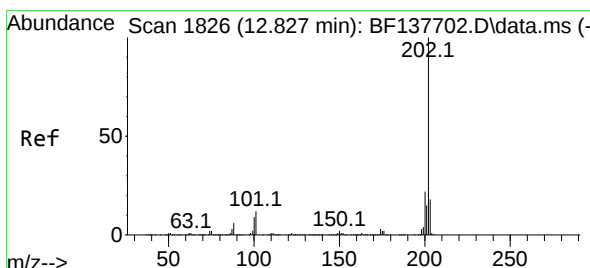
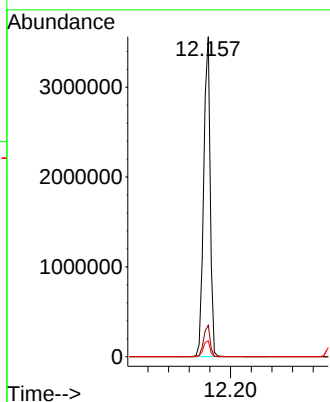
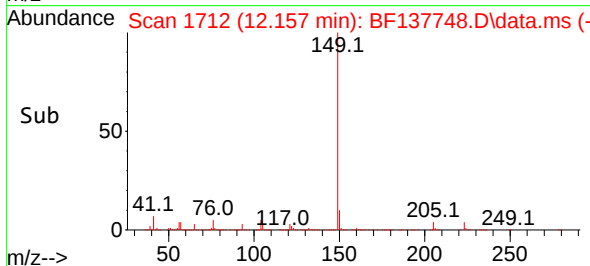
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:149 Resp: 3111744
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.0 4.2 6.4

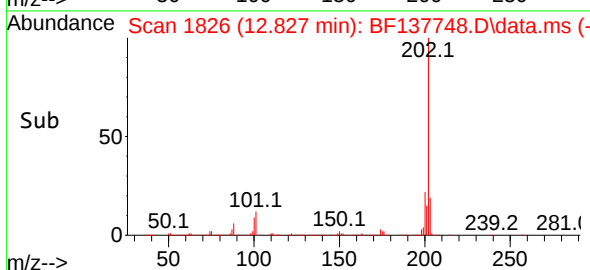
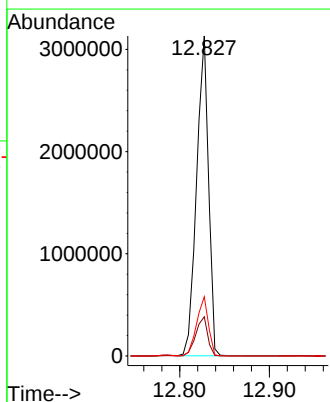
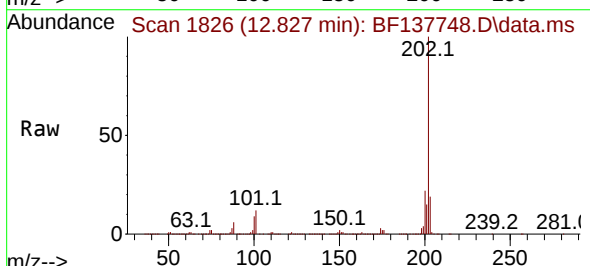
Manual Integrations
APPROVED

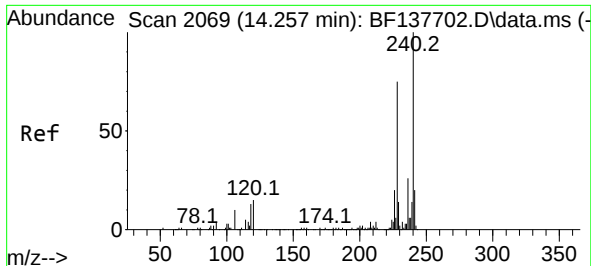
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#75
Fluoranthene
Concen: 41.769 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:202 Resp: 2892363
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.2
203 18.5 0.0 38.1





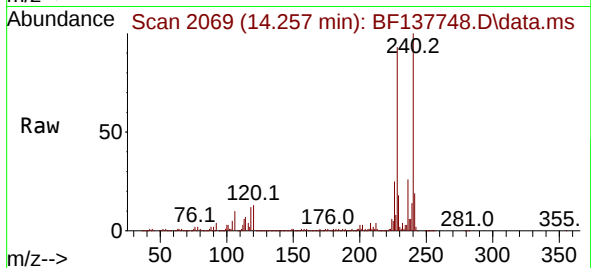
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

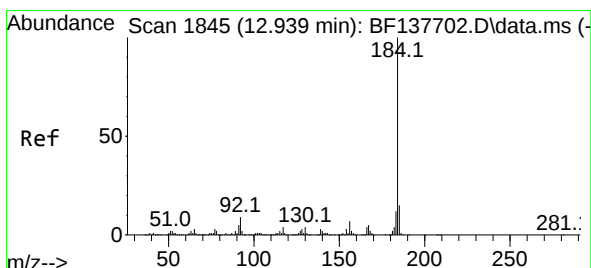
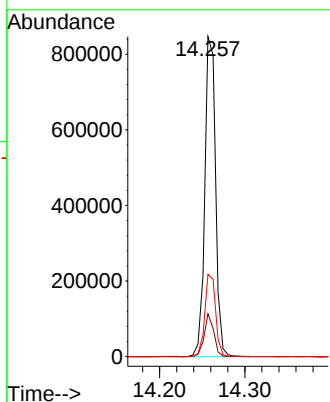
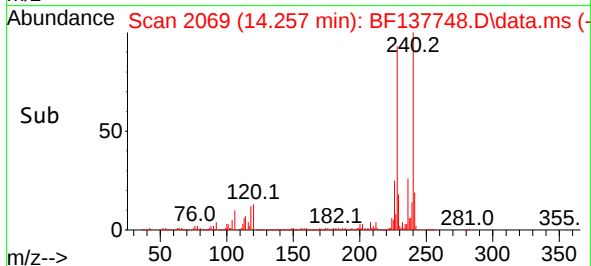


Tgt Ion:240 Resp: 742021
Ion Ratio Lower Upper
240 100
120 13.4 11.9 17.9
236 25.7 20.8 31.2

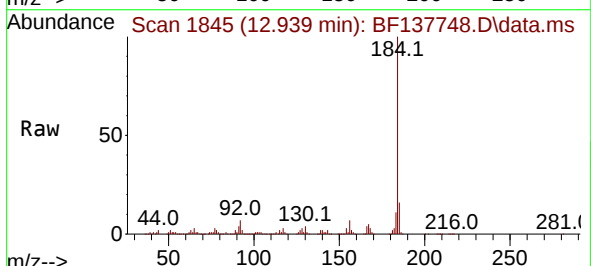
Manual Integrations

APPROVED

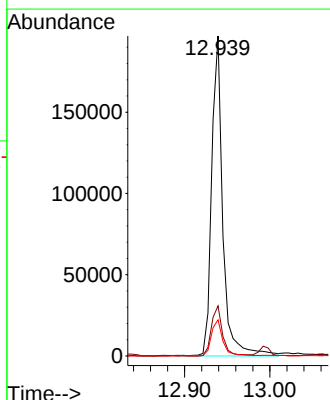
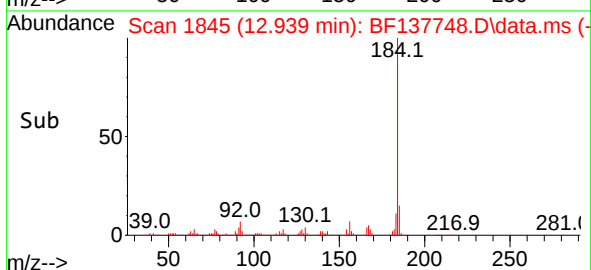
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

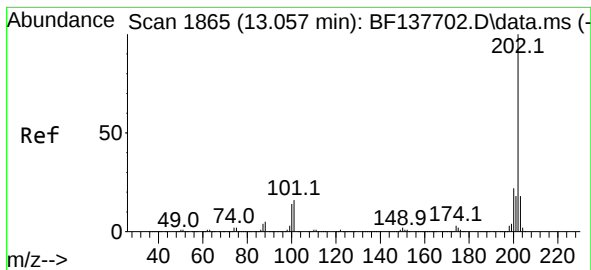


#77
Benzidine
Concen: 10.337 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



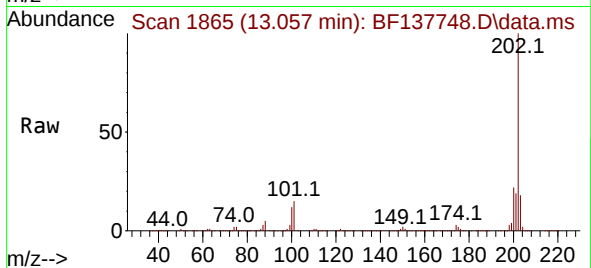
Tgt Ion:184 Resp: 179161
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.4
183 11.3 9.4 14.0





#78
Pyrene
Concen: 48.085 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

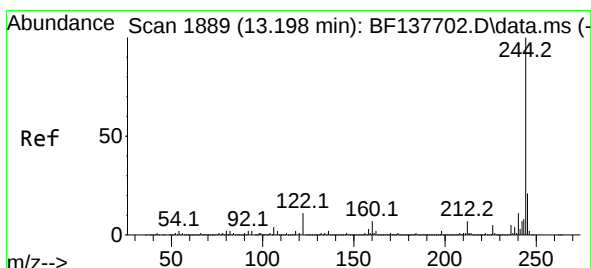
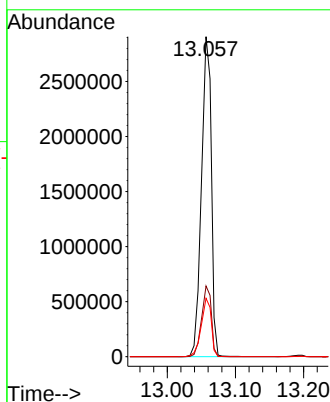
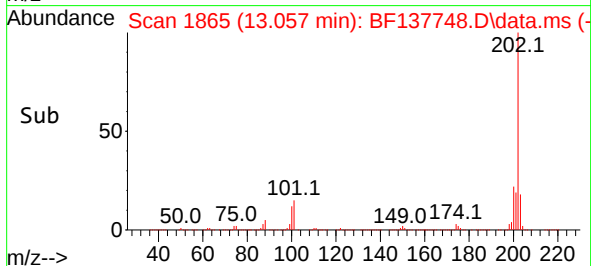
Instrument :
BNA_F
ClientSampleId :
PB160543BS



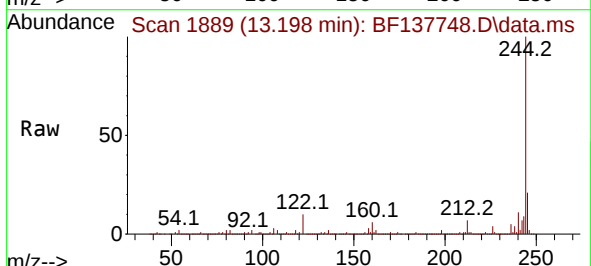
Tgt Ion:202 Resp: 2928589
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.3 14.6 21.8

Manual Integrations
APPROVED

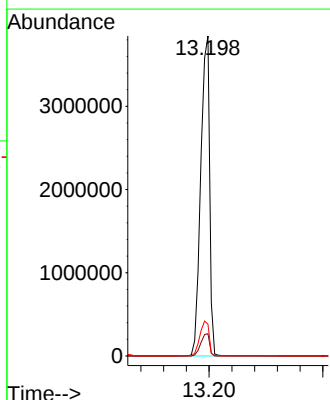
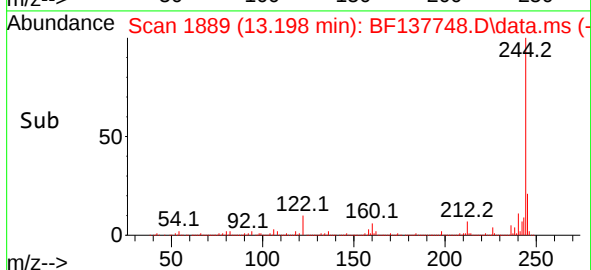
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

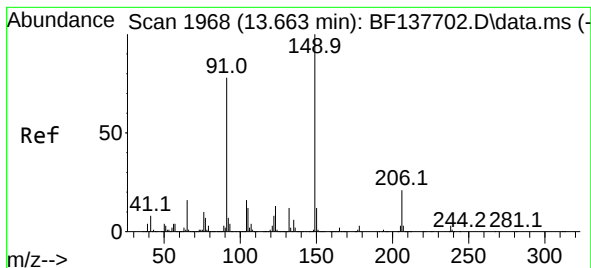


#79
Terphenyl-d14
Concen: 90.490 ng
RT: 13.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



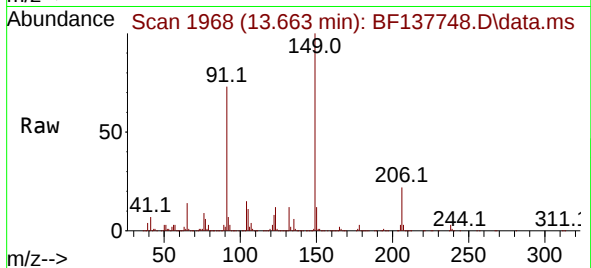
Tgt Ion:244 Resp: 4171681
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.9 8.8 13.2





#80
Butylbenzylphthalate
Concen: 50.785 ng
RT: 13.663 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

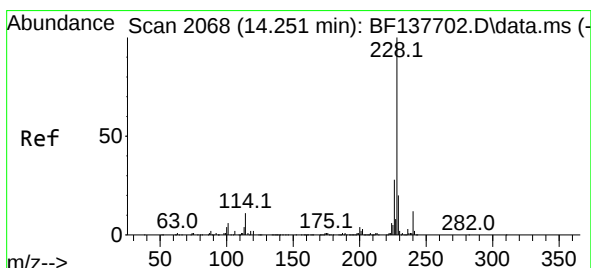
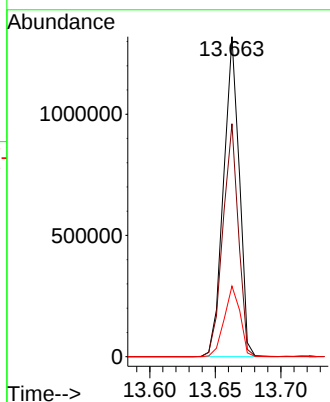
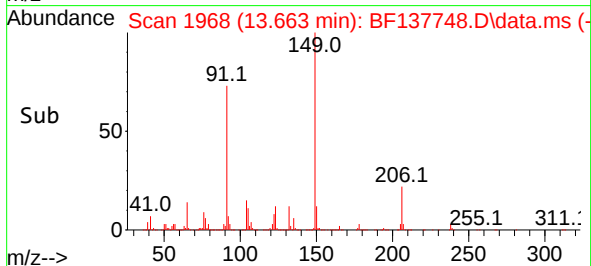
Instrument :
BNA_F
ClientSampleId :
PB160543BS



Tgt Ion:149 Resp: 1096869
Ion Ratio Lower Upper
149 100
91 72.8 62.6 93.8
206 22.0 16.5 24.7

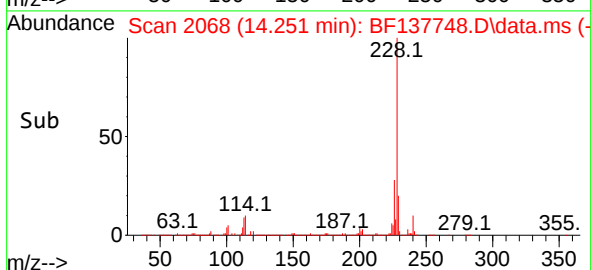
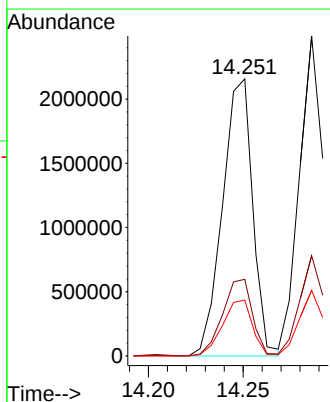
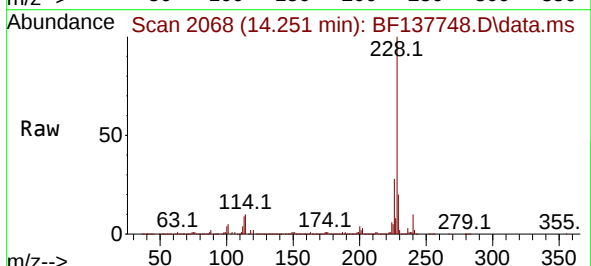
Manual Integrations
APPROVED

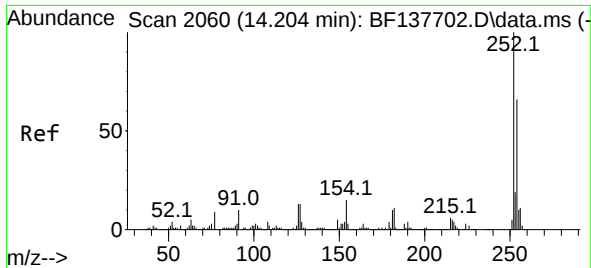
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#81
Benzo(a)anthracene
Concen: 46.127 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

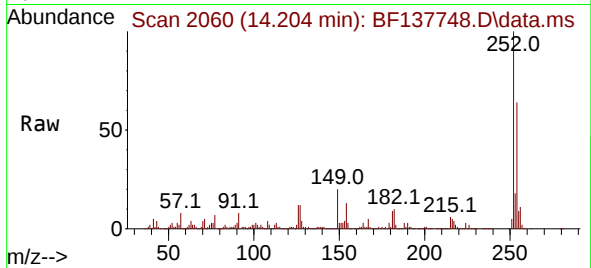
Tgt Ion:228 Resp: 2387301
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.2 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 35.004 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

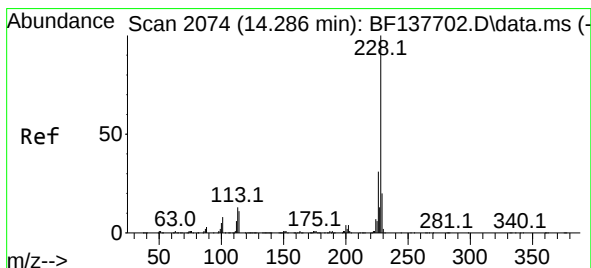
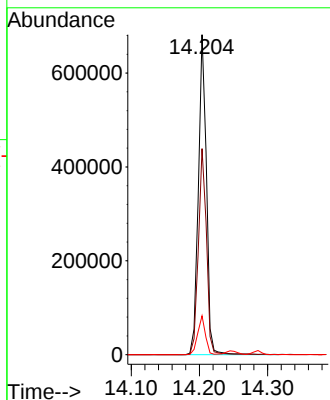
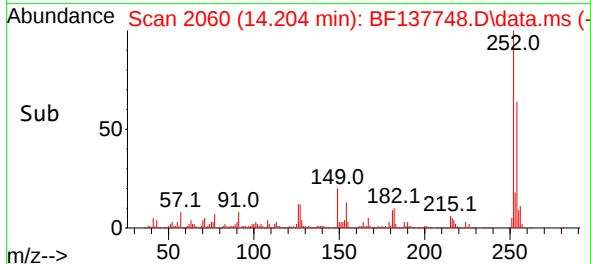
Instrument :
BNA_F
ClientSampleId :
PB160543BS



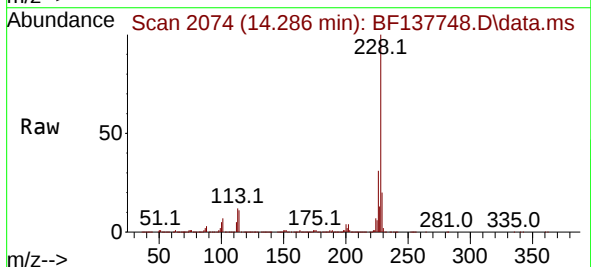
Tgt Ion:252 Resp: 560520
Ion Ratio Lower Upper
252 100
254 64.4 52.6 79.0
126 12.2 10.8 16.2

Manual Integrations
APPROVED

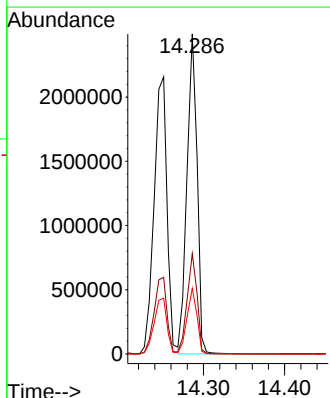
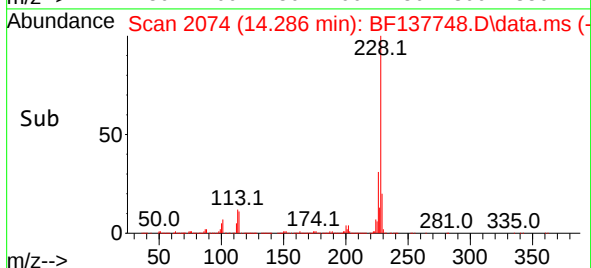
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

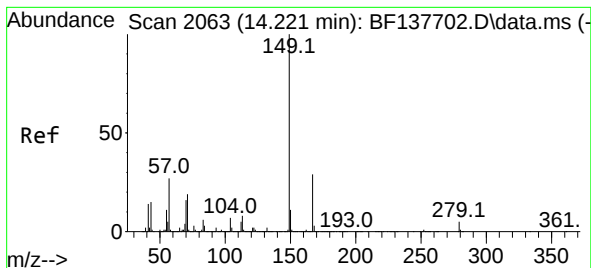


#83
Chrysene
Concen: 44.773 ng
RT: 14.286 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16



Tgt Ion:228 Resp: 2165136
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 20.5 16.2 24.4





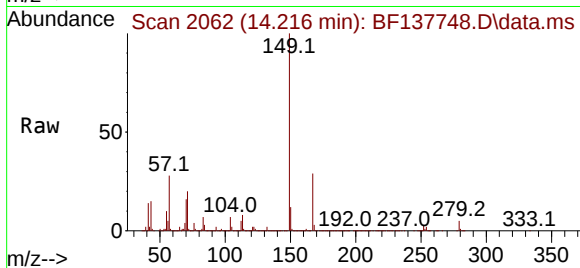
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.873 ng
RT: 14.216 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

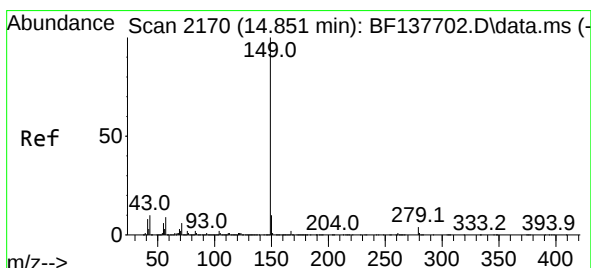
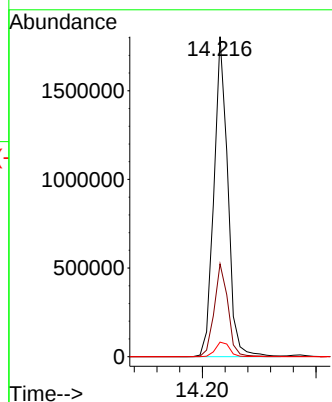
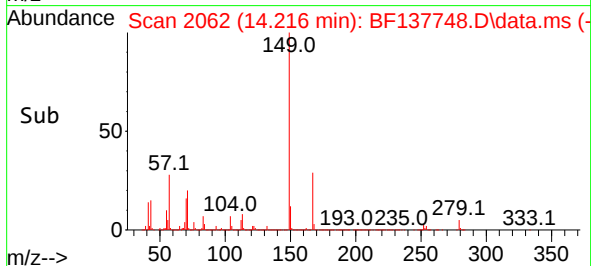


Tgt Ion:149 Resp: 1528884
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.0
279 4.5 4.0 6.0

Manual Integrations

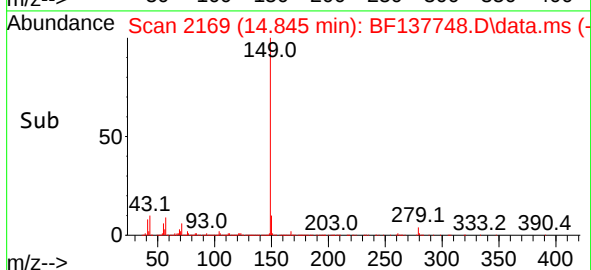
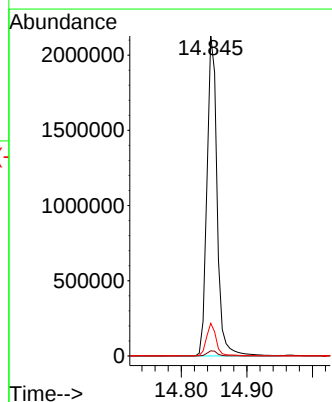
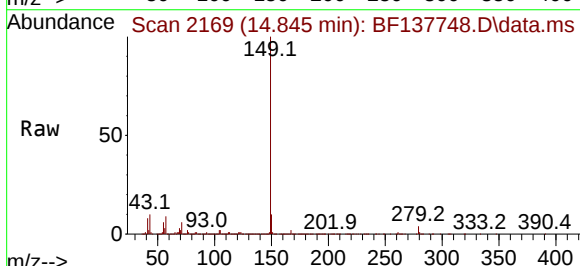
APPROVED

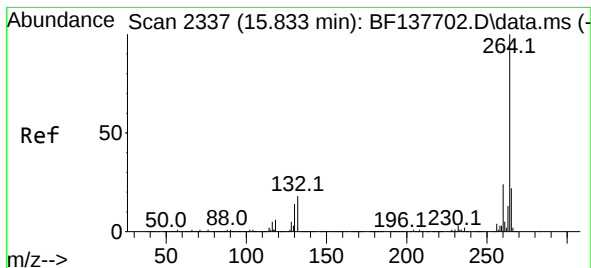
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#85
Di-n-octyl phthalate
Concen: 46.772 ng
RT: 14.845 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:149 Resp: 2291613
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

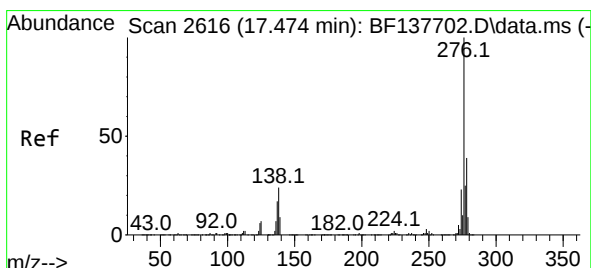
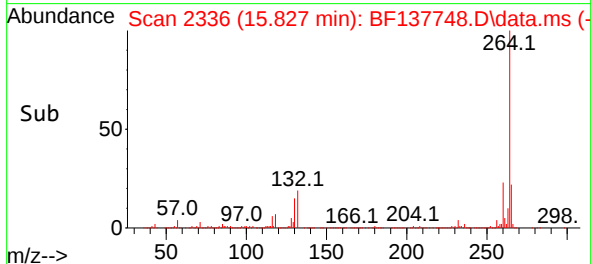
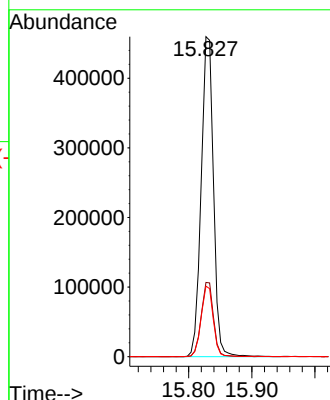
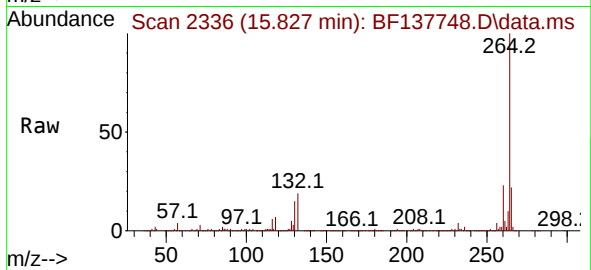
PB160543BS

Tgt Ion:264 Resp: 62218
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 22.0 17.5 26.3

Manual Integrations

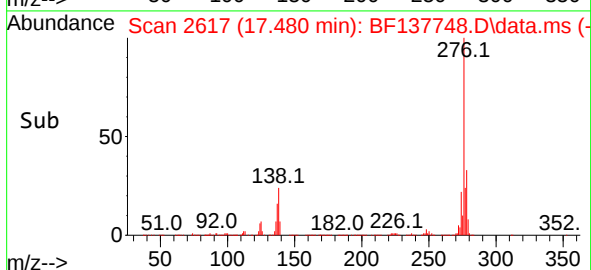
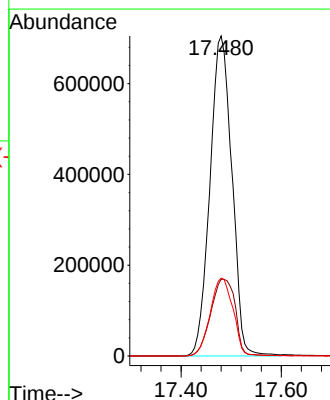
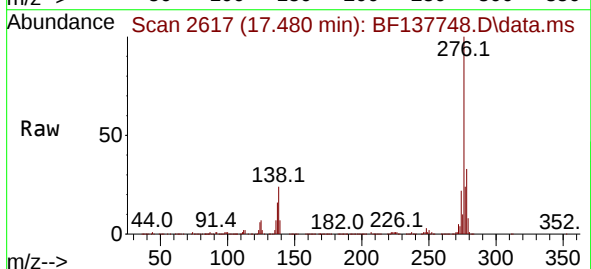
APPROVED

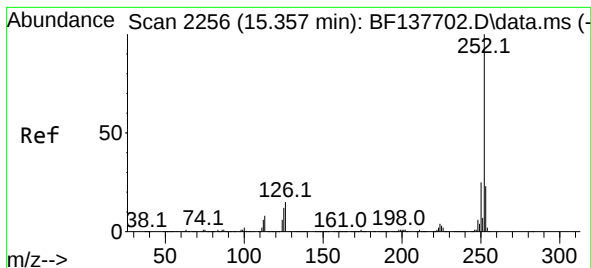
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 62.112 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF137748.D
Acq: 29 Apr 2024 11:16

Tgt Ion:276 Resp: 2142754
Ion Ratio Lower Upper
276 100
138 26.8 22.3 33.5
277 25.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 51.432 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137748.D

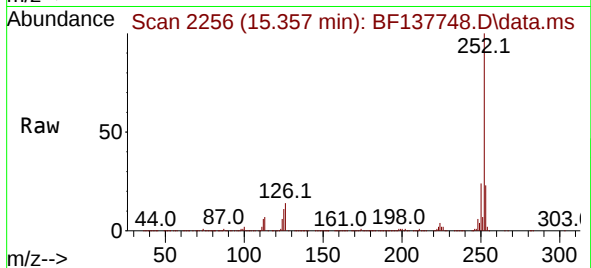
Acq: 29 Apr 2024 11:16

Instrument :

BNF

ClientSampleId :

PB160543BS



Tgt Ion:252 Resp: 2047704

Ion Ratio Lower Upper

252 100

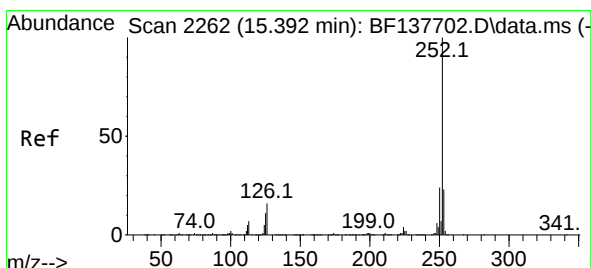
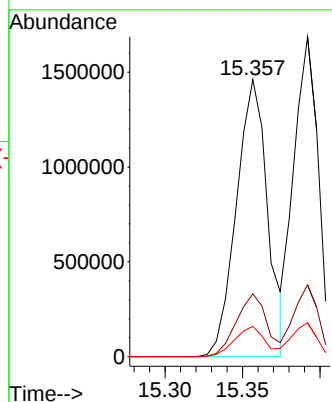
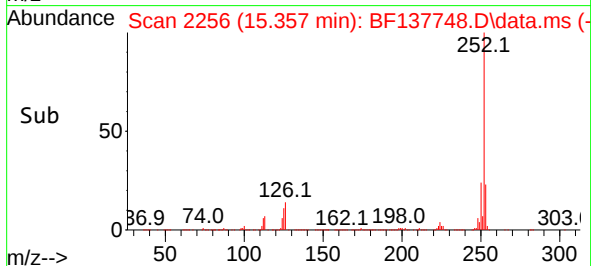
253 22.6 18.1 27.1

125 10.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#89

Benzo(k)fluoranthene

Concen: 48.214 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

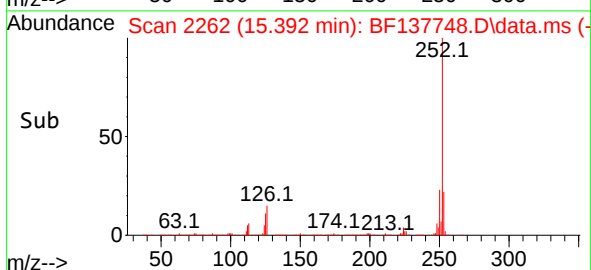
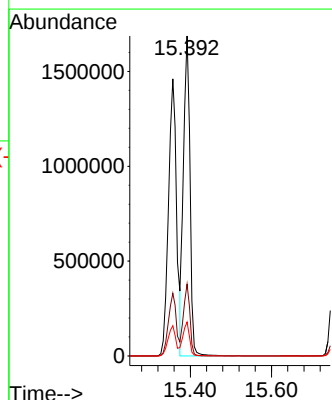
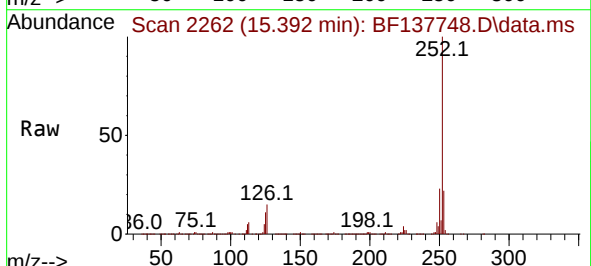
Tgt Ion:252 Resp: 1886942

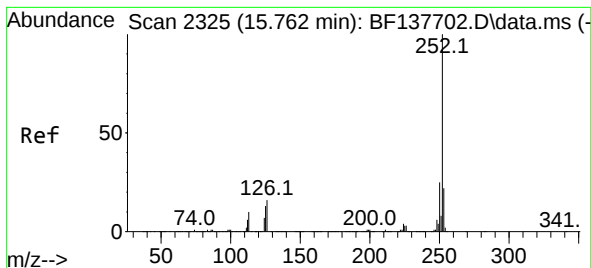
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.6 9.0 13.6





#90

Benzo(a)pyrene

Concen: 48.805 ng

RT: 15.768 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB160543BS

Tgt Ion:252 Resp: 1743118

Ion Ratio Lower Upper

252 100

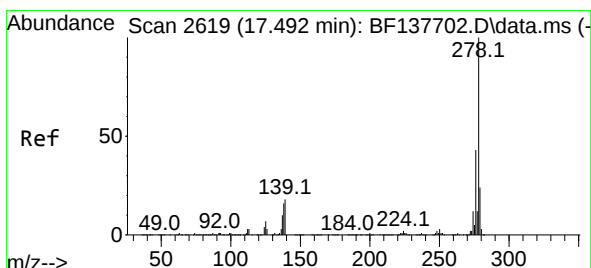
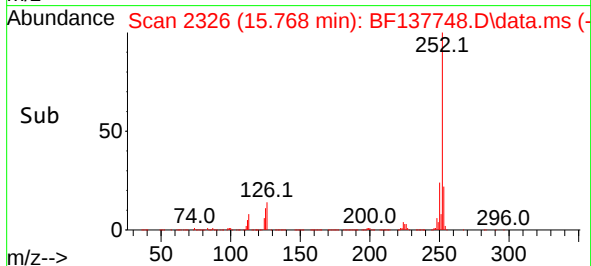
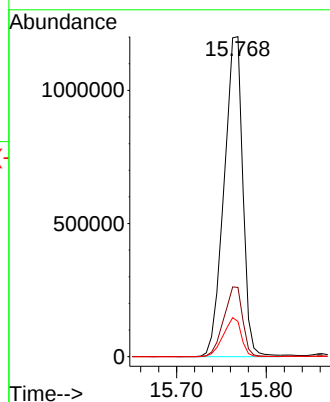
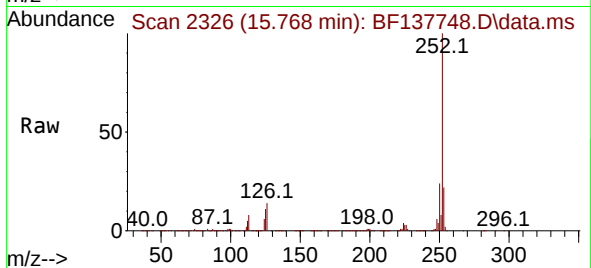
253 21.7 17.9 26.9

125 11.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#91

Dibenzo(a,h)anthracene

Concen: 62.279 ng

RT: 17.504 min Scan# 2621

Delta R.T. 0.012 min

Lab File: BF137748.D

Acq: 29 Apr 2024 11:16

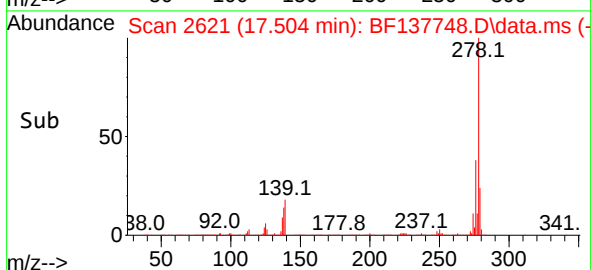
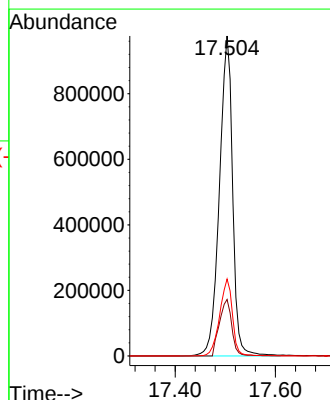
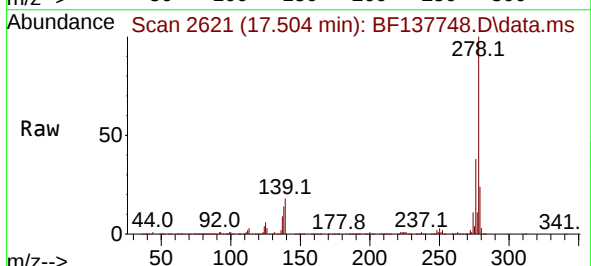
Tgt Ion:278 Resp: 1782962

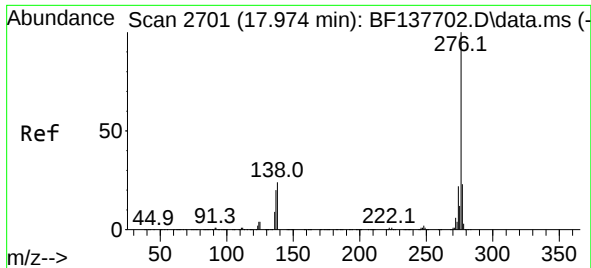
Ion Ratio Lower Upper

278 100

139 17.7 14.7 22.1

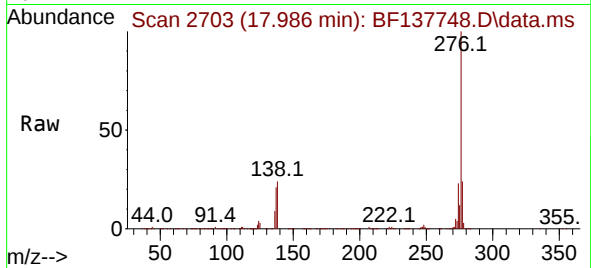
279 24.0 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 61.711 ng
 RT: 17.986 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137748.D
 Acq: 29 Apr 2024 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB160543BS



Tgt Ion: 276 Resp: 171794

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	23.7	19.5	29.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

