

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137785.D
 Acq On : 01 May 2024 11:11
 Operator : CG\JU
 Sample : PB160574BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160574BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 12:07:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	241964	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	953918	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	548424	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	978498	20.000	ng	0.00
76) Chrysene-d12	14.257	240	633027	20.000	ng	0.00
86) Perylene-d12	15.827	264	518719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1777451	122.992	ng	0.02
7) Phenol-d6	6.681	99	2202104	120.132	ng	0.00
23) Nitrobenzene-d5	7.622	82	1390053	84.661	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	747860	133.557	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2800792	82.854	ng	0.00
79) Terphenyl-d14	13.192	244	3267851	86.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	228581	35.124	ng	99
3) Pyridine	3.816	79	584528	37.112	ng	98
4) n-Nitrosodimethylamine	3.781	42	304936	42.994	ng	92
6) Aniline	6.722	93	563018	30.989	ng	99
8) 2-Chlorophenol	6.845	128	732442	46.506	ng	99
9) Benzaldehyde	6.610	77	22919	2.322	ng	97
10) Phenol	6.693	94	841138	44.782	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	663400	45.107	ng	99
12) 1,3-Dichlorobenzene	7.004	146	757110	42.630	ng	97
13) 1,4-Dichlorobenzene	7.075	146	763131	42.823	ng	99
14) 1,2-Dichlorobenzene	7.228	146	729707	43.475	ng	98
15) Benzyl Alcohol	7.192	79	606913	47.877	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	941988	45.568	ng	99
17) 2-Methylphenol	7.298	107	596435	46.933	ng	100
18) Hexachloroethane	7.575	117	266021	44.157	ng	98
19) n-Nitroso-di-n-propyla...	7.469	70	487747	44.524	ng	97
20) 3+4-Methylphenols	7.451	107	753361	45.059	ng	91
22) Acetophenone	7.469	105	973959	45.398	ng	98
24) Nitrobenzene	7.640	77	742813	43.895	ng	99
25) Isophorone	7.881	82	1376468	46.497	ng	98
26) 2-Nitrophenol	7.957	139	400085	52.209	ng	95
27) 2,4-Dimethylphenol	7.981	122	565038	51.217	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	829271	46.266	ng	99
29) 2,4-Dichlorophenol	8.192	162	634806	47.605	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	651250	44.800	ng	99
31) Naphthalene	8.369	128	2116372	44.644	ng	100
32) Benzoic acid	8.098	122	500743	52.612	ng	99
33) 4-Chloroaniline	8.404	127	303192	17.247	ng	99
34) Hexachlorobutadiene	8.475	225	387243	43.389	ng	98
35) Caprolactam	8.781	113	219624m	51.982	ng	
36) 4-Chloro-3-methylphenol	8.887	107	673293	48.418	ng	97
37) 2-Methylnaphthalene	9.057	142	1396281	45.502	ng	100
38) 1-Methylnaphthalene	9.157	142	1297723	42.986	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	657768	45.284	ng	99
41) Hexachlorocyclopentadiene	9.210	237	758534	128.569	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	484425	48.994	ng	98

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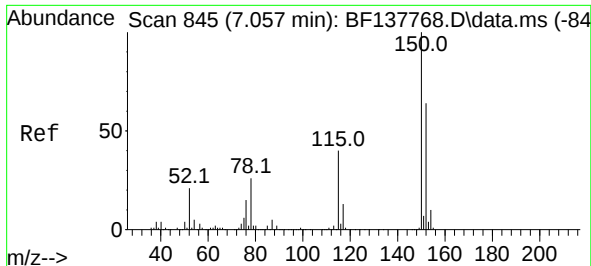
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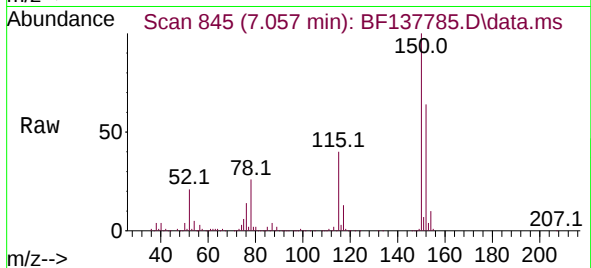
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	513799	47.061	ng	97
46) 1,1'-Biphenyl	9.522	154	1719598	45.689	ng	99
47) 2-Chloronaphthalene	9.551	162	1352166	44.499	ng	99
48) 2-Nitroaniline	9.645	65	411846	49.975	ng	98
49) Acenaphthylene	9.975	152	2145957	48.820	ng	100
50) Dimethylphthalate	9.822	163	1655981	47.831	ng	99
51) 2,6-Dinitrotoluene	9.886	165	374535	47.337	ng	94
52) Acenaphthene	10.145	154	1458246	50.049	ng	99
53) 3-Nitroaniline	10.057	138	244071	29.457	ng	100
54) 2,4-Dinitrophenol	10.163	184	447022	114.985	ng	# 90
55) Dibenzofuran	10.316	168	1939929	45.753	ng	99
56) 4-Nitrophenol	10.216	139	665467	96.906	ng	95
57) 2,4-Dinitrotoluene	10.292	165	516147	49.934	ng	98
58) Fluorene	10.663	166	1536038	45.520	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	439474	49.582	ng	100
60) Diethylphthalate	10.522	149	1565866	47.621	ng	100
61) 4-Chlorophenyl-phenyle...	10.645	204	759472	45.678	ng	97
62) 4-Nitroaniline	10.681	138	386746	46.018	ng	98
63) Azobenzene	10.810	77	1476806	46.469	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	299957	53.409	ng	87
66) n-Nitrosodiphenylamine	10.769	169	1378707	47.071	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	490572	46.846	ng	95
68) Hexachlorobenzene	11.210	284	519558	45.400	ng	95
69) Atrazine	11.292	200	455482	51.001	ng	98
70) Pentachlorophenol	11.404	266	699989	89.094	ng	100
71) Phenanthrene	11.633	178	2185433	45.822	ng	100
72) Anthracene	11.686	178	2242744	47.261	ng	100
73) Carbazole	11.833	167	2105453	46.037	ng	99
74) Di-n-butylphthalate	12.151	149	2400007	48.107	ng	100
75) Fluoranthene	12.822	202	2335444	44.797	ng	99
77) Benzidine	12.939	184	430002	29.371	ng	98
78) Pyrene	13.057	202	2379088	47.400	ng	99
80) Butylbenzylphthalate	13.663	149	911093	57.212	ng	93
81) Benzo(a)anthracene	14.245	228	2006277	49.552	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	392494	32.382	ng	99
83) Chrysene	14.286	228	1851254	48.833	ng	100
84) Bis(2-ethylhexyl)phtha...	14.216	149	1203005	59.941	ng	# 97
85) Di-n-octyl phthalate	14.845	149	1838158	68.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1464161	49.648	ng	100
88) Benzo(b)fluoranthene	15.357	252	1659270	51.413	ng	99
89) Benzo(k)fluoranthene	15.392	252	1492539	47.848	ng	99
90) Benzo(a)pyrene	15.763	252	1379881	52.408	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	1180230	49.167	ng	98
92) Benzo(g,h,i)perylene	17.980	276	1144396	45.477	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

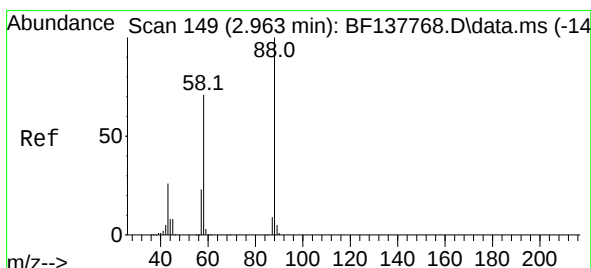
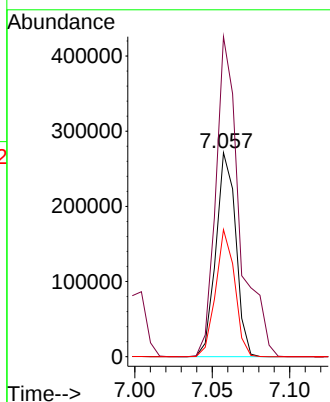
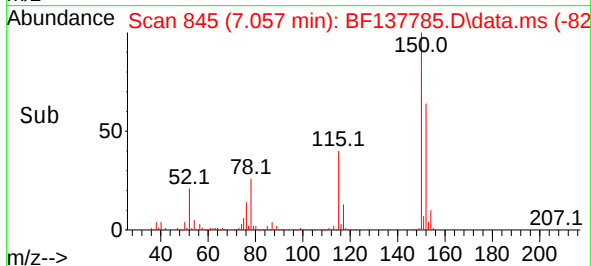
Instrument :
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PB160574BS



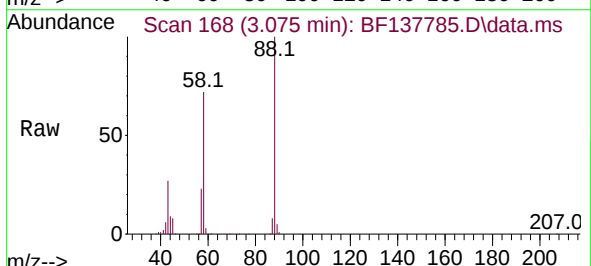
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Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 62.3 49.1 73.7

Manual Integrations
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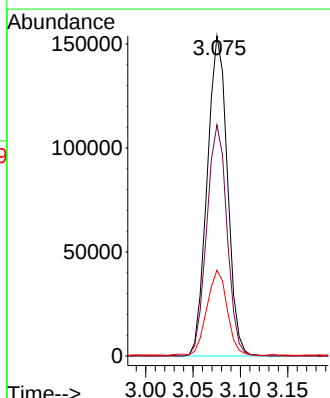
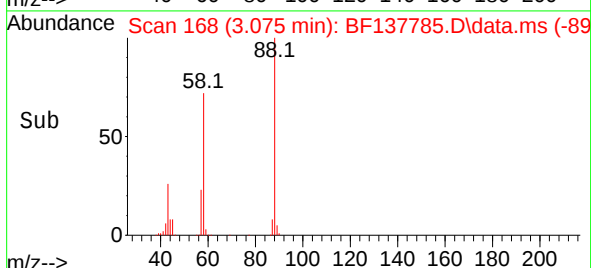
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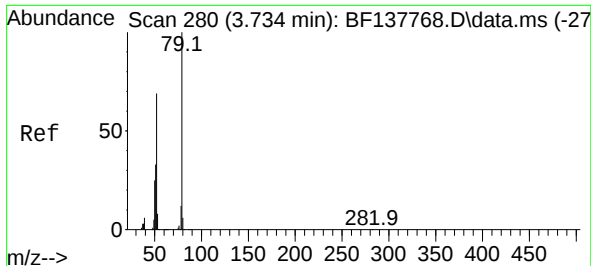


#2
1,4-Dioxane
Concen: 35.124 ng
RT: 3.075 min Scan# 168
Delta R.T. 0.112 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



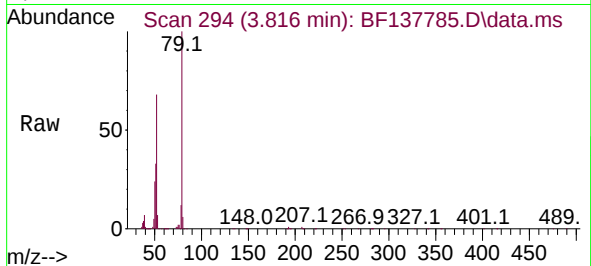
Tgt Ion: 88 Resp: 228581
Ion Ratio Lower Upper
88 100
58 72.4 58.8 88.2
43 26.7 21.4 32.0





#3
Pyridine
Concen: 37.112 ng
RT: 3.816 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

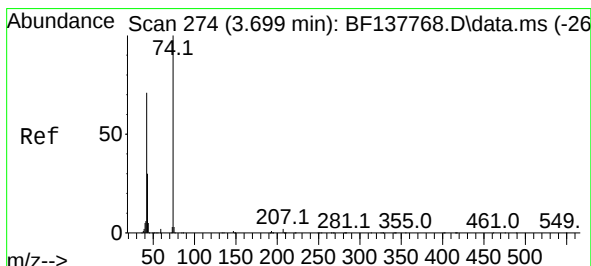
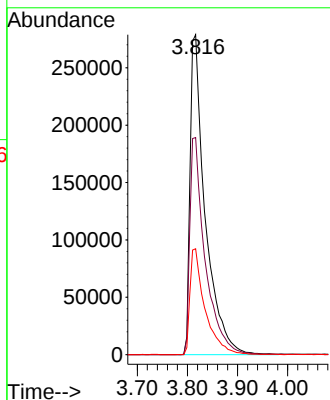
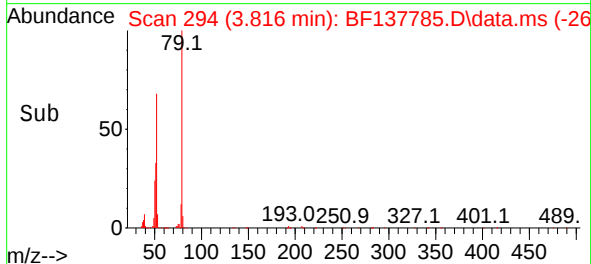
Instrument :
BNA_F
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PB160574BS



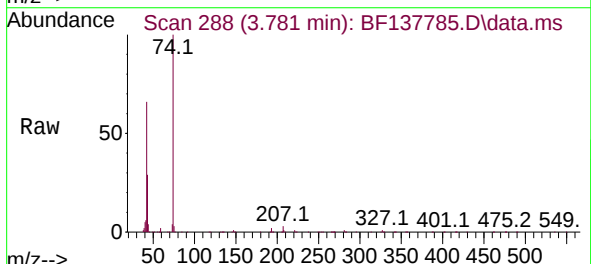
Tgt Ion: 79 Resp: 584528
Ion Ratio Lower Upper
79 100
52 67.9 55.5 83.3
51 33.1 26.9 40.3

Manual Integrations
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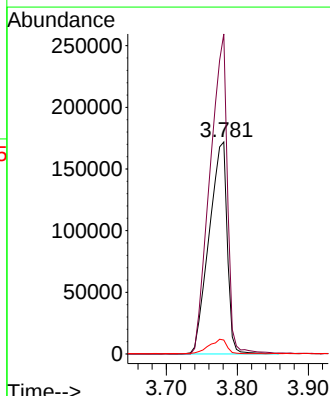
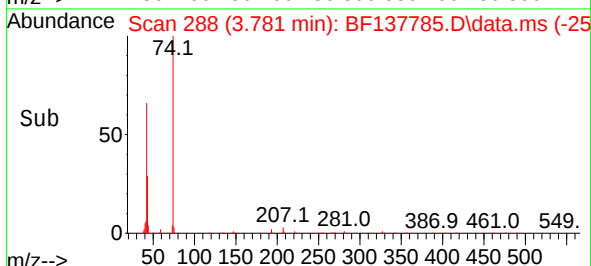
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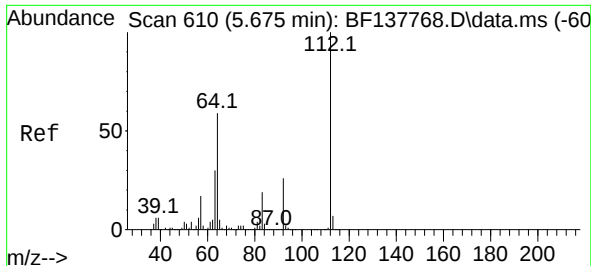


#4
n-Nitrosodimethylamine
Concen: 42.994 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.082 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion: 42 Resp: 304936
Ion Ratio Lower Upper
42 100
74 151.0 112.9 169.3
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 122.992 ng
RT: 5.693 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

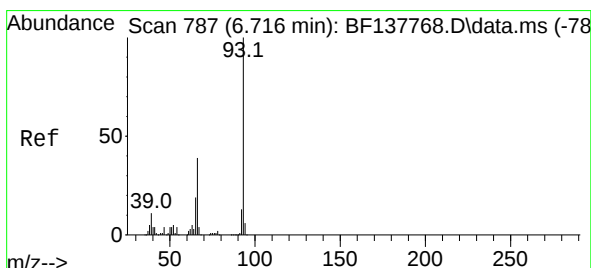
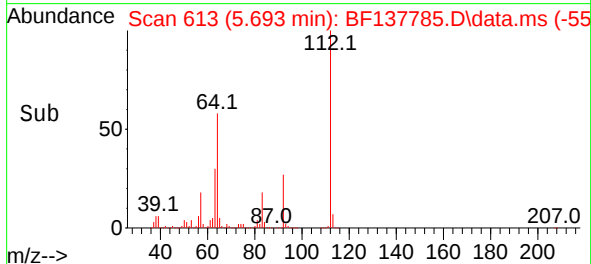
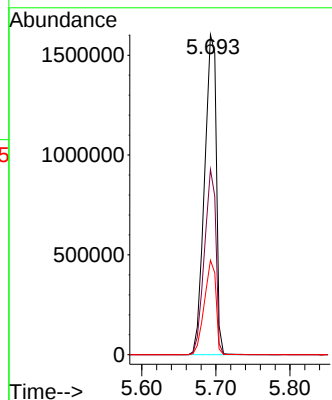
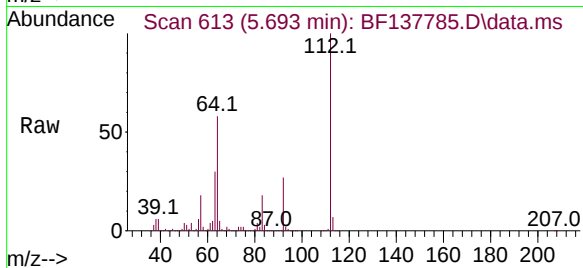
PB160574BS

Tgt Ion:112 Resp: 177745
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 29.5 23.7 35.5

Manual Integrations

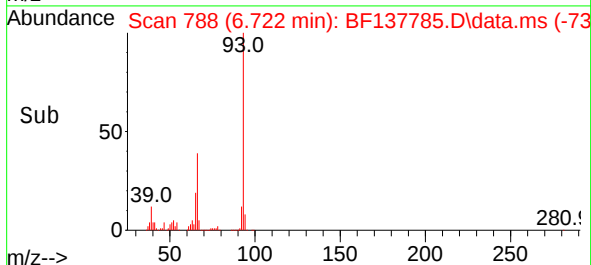
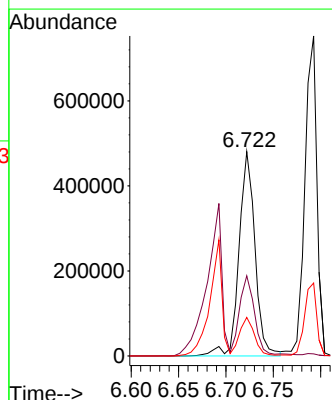
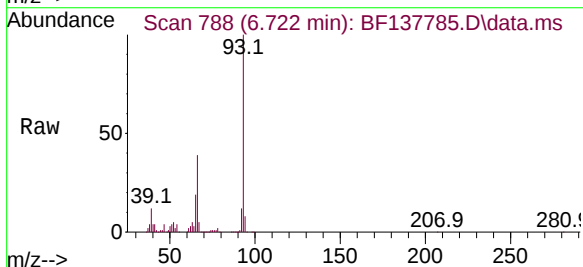
APPROVED

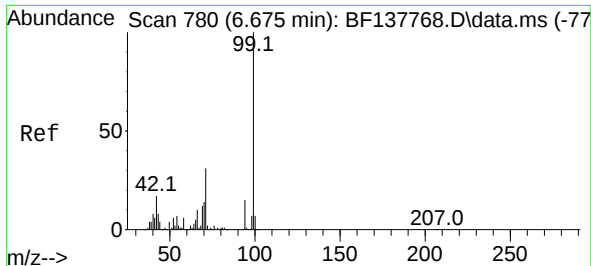
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 30.989 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

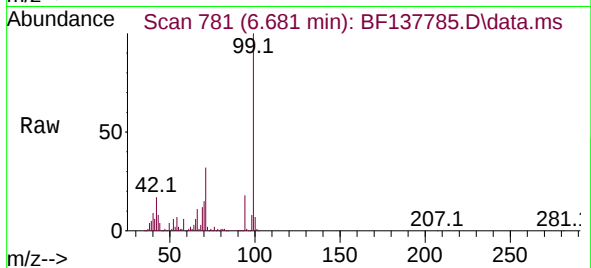
Tgt Ion: 93 Resp: 563018
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.6
65 18.9 15.4 23.2





#7
Phenol-d6
Concen: 120.132 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

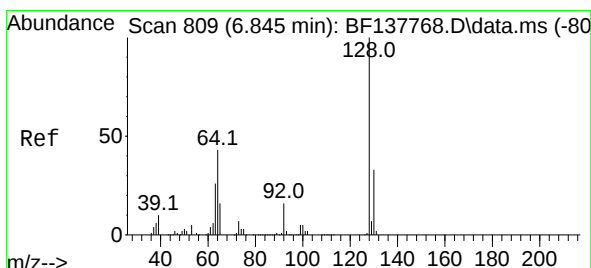
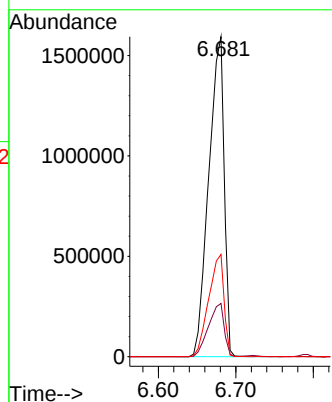
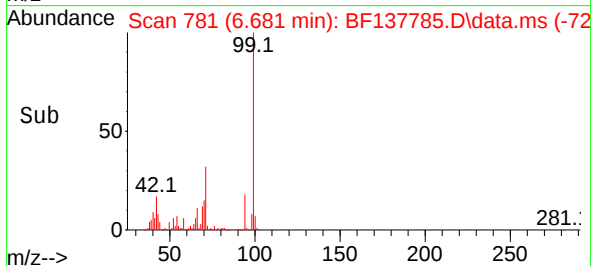
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 2202104
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 32.0 25.0 37.4

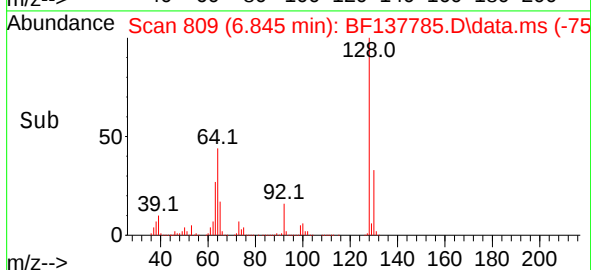
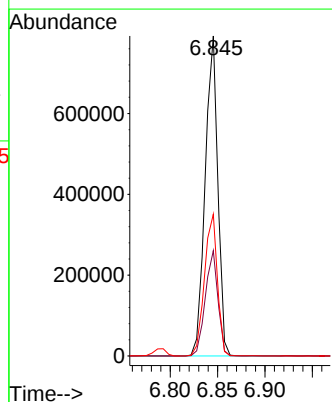
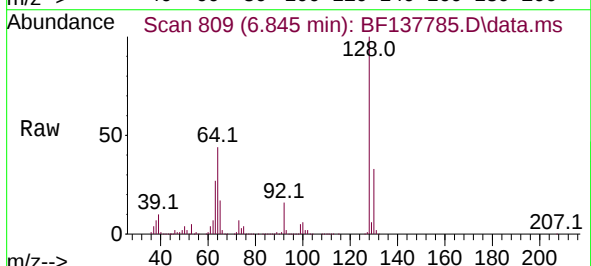
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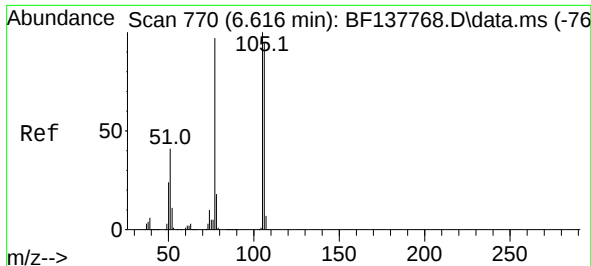
Reviewed By :Jagrut Upadhyay 05/02/2024
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#8
2-Chlorophenol
Concen: 46.506 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

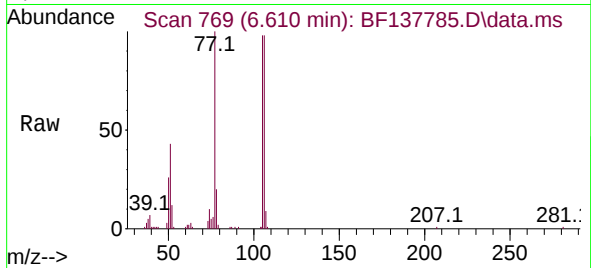
Tgt Ion:128 Resp: 732442
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 44.3 23.9 63.9





#9
Benzaldehyde
Concen: 2.322 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

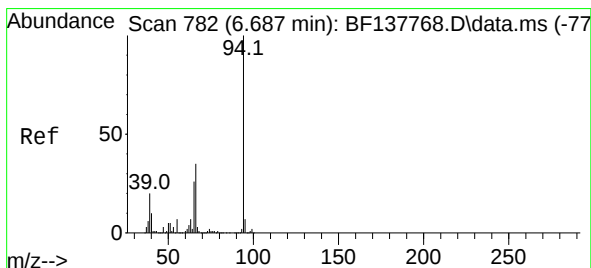
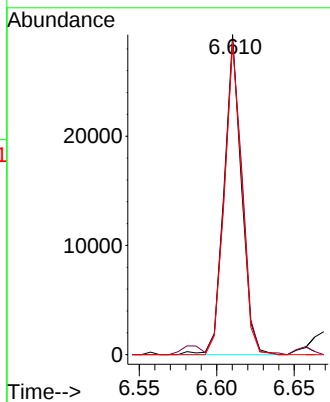
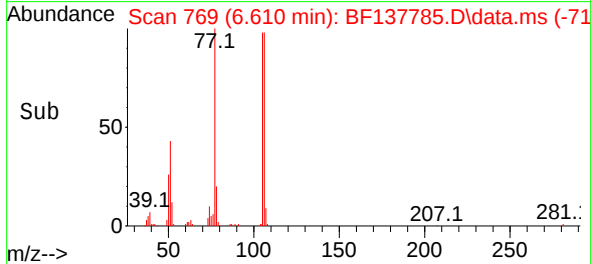
Instrument :
BNA_F
ClientSampleId :
PB160574BS



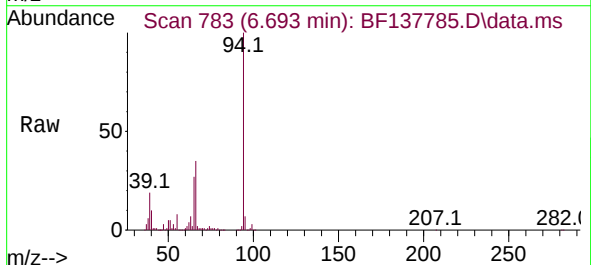
Tgt Ion: 77 Resp: 22919
Ion Ratio Lower Upper
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105 98.0 83.2 123.2
106 97.9 77.7 117.7

Manual Integrations
APPROVED

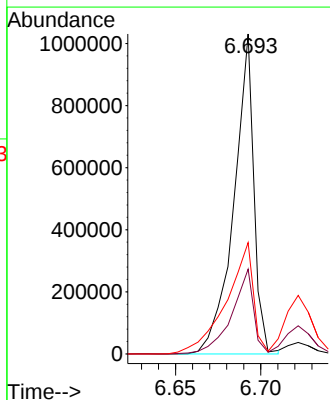
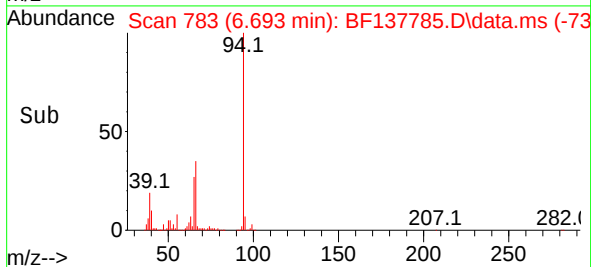
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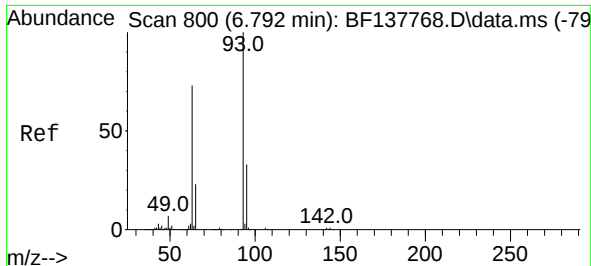


#10
Phenol
Concen: 44.782 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion: 94 Resp: 841138
Ion Ratio Lower Upper
94 100
65 26.5 6.4 46.4
66 34.8 15.4 55.4





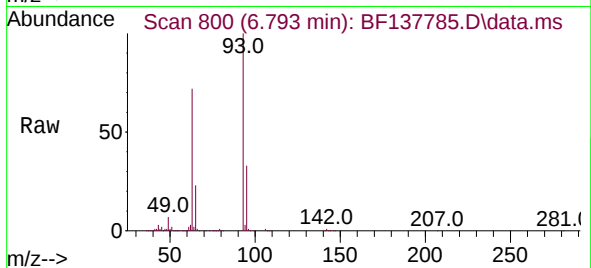
#11
bis(2-Chloroethyl)ether
Concen: 45.107 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

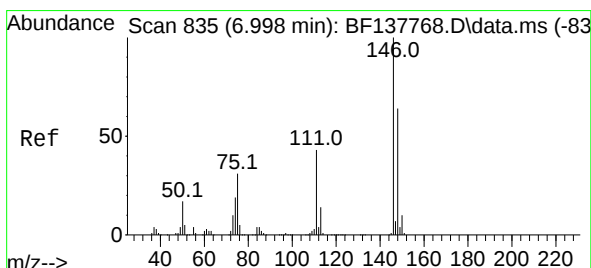
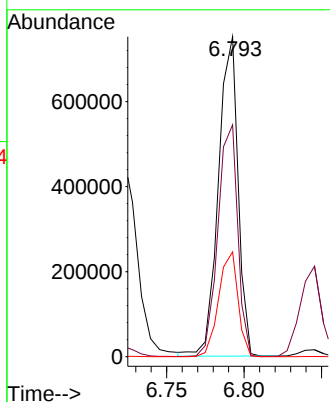
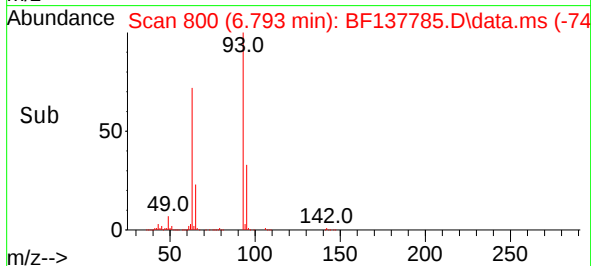


Tgt Ion: 93 Resp: 663400
Ion Ratio Lower Upper
93 100
63 72.4 51.6 91.6
95 32.8 12.1 52.1

Manual Integrations

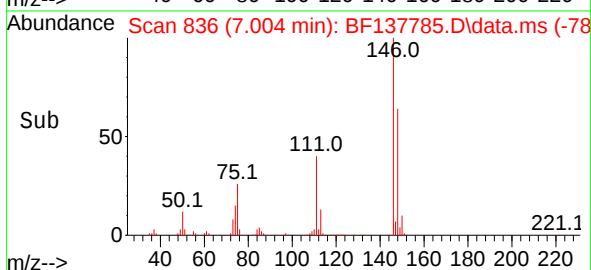
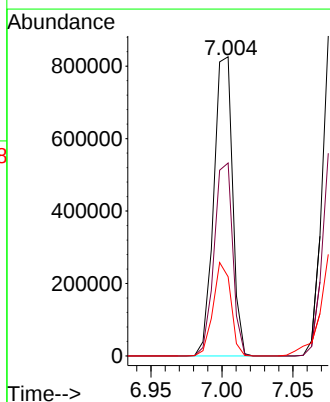
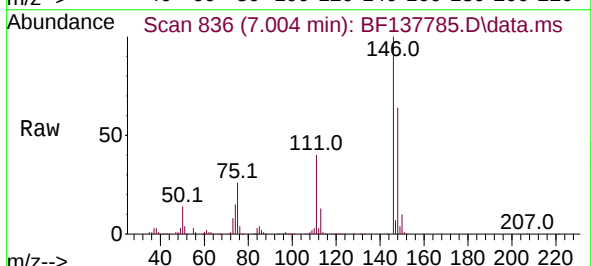
APPROVED

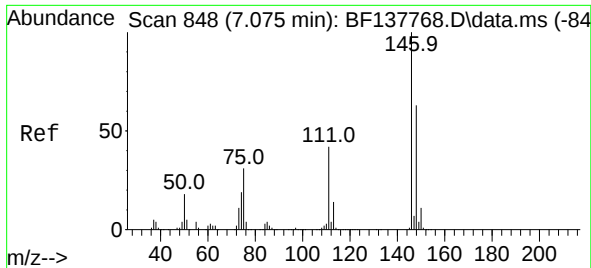
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 42.630 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:146 Resp: 757110
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 26.4 25.1 37.7





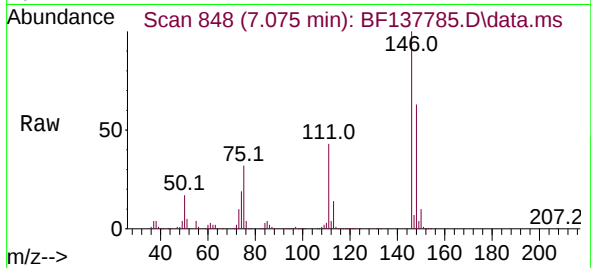
#13
1,4-Dichlorobenzene
Concen: 42.823 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

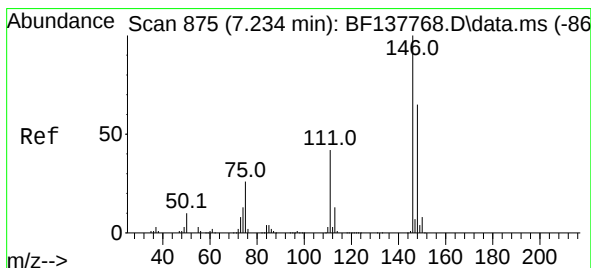
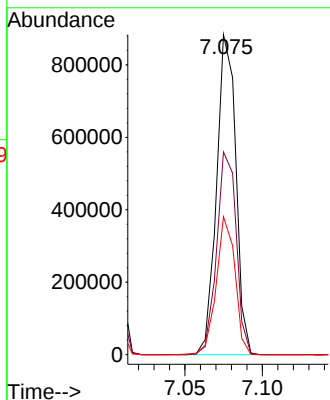
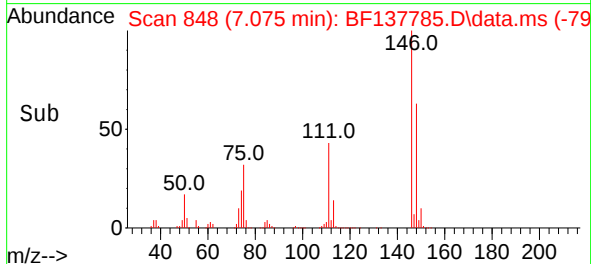


Tgt Ion:146 Resp: 76313
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
111 43.1 33.8 50.8

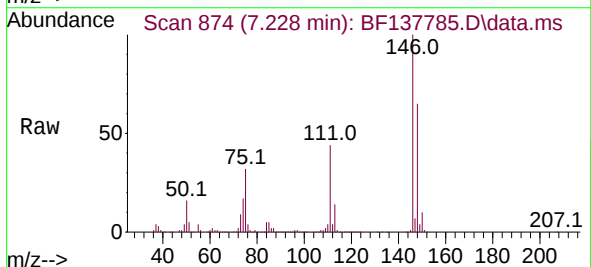
Manual Integrations

APPROVED

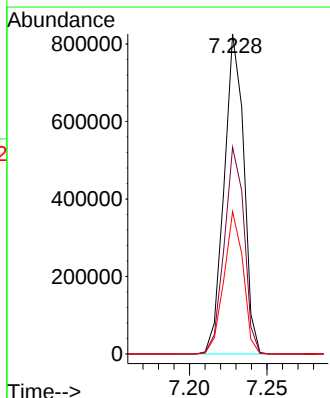
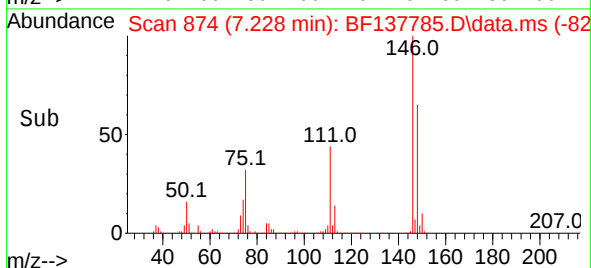
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

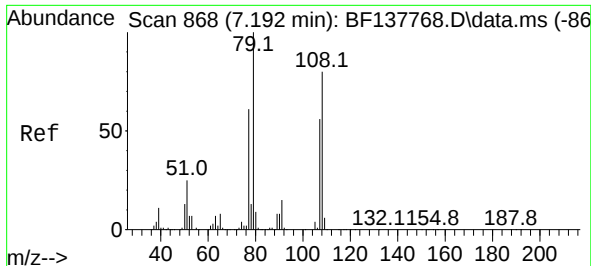


#14
1,2-Dichlorobenzene
Concen: 43.475 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion:146 Resp: 729707
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 44.5 33.6 50.4





#15
Benzyl Alcohol
Concen: 47.877 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

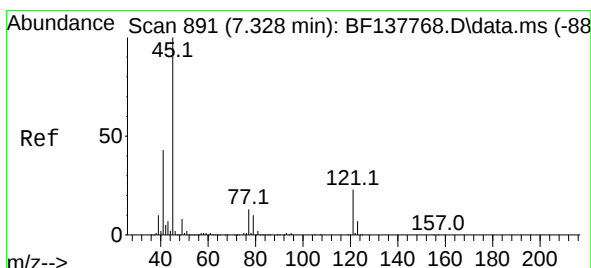
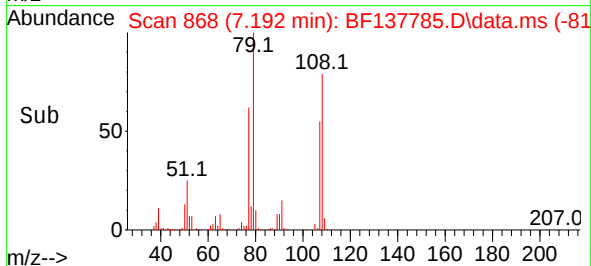
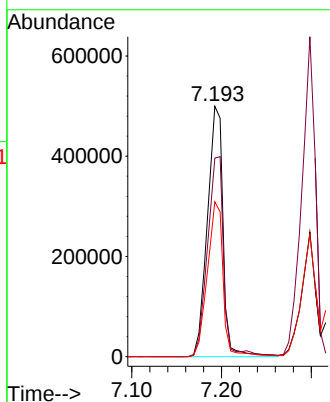
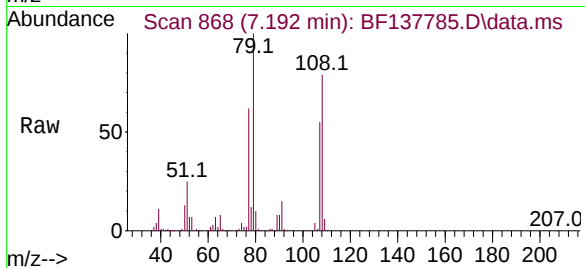
ClientSampleId :

PB160574BS

Tgt Ion: 79 Resp: 60691
Ion Ratio Lower Upper
79 100
108 79.3 64.2 96.2
77 61.8 48.5 72.7

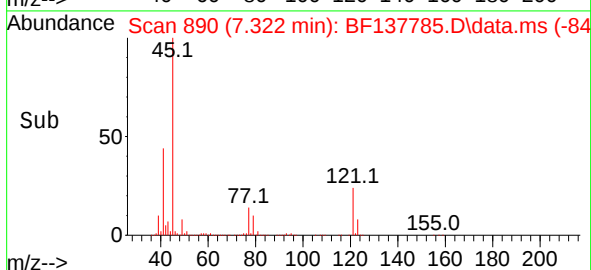
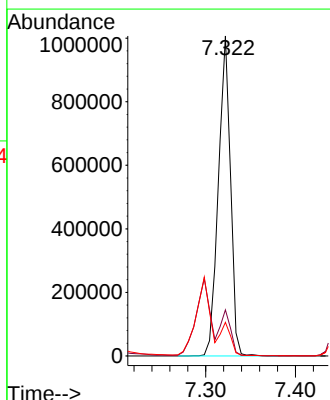
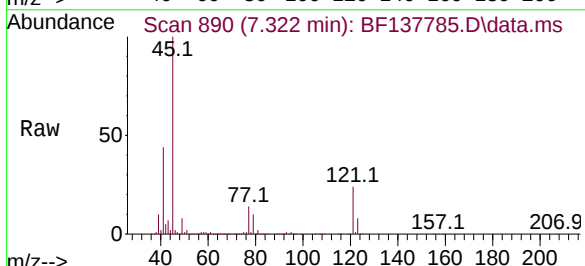
Manual Integrations
APPROVED

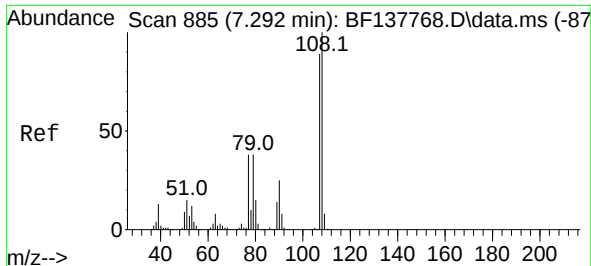
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.568 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion: 45 Resp: 941988
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.8
79 10.5 0.0 31.0





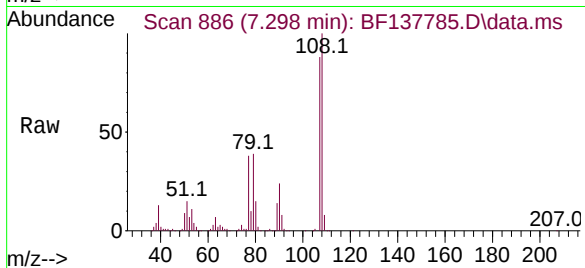
#17
2-Methylphenol
Concen: 46.933 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

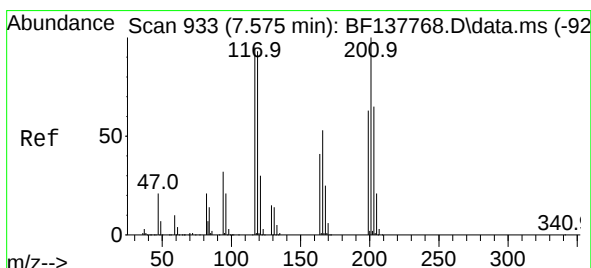
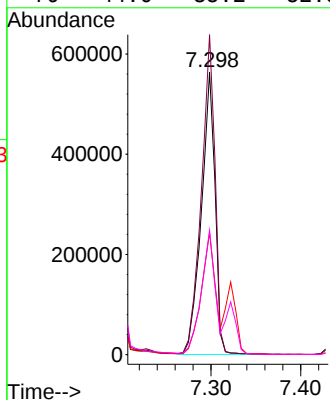
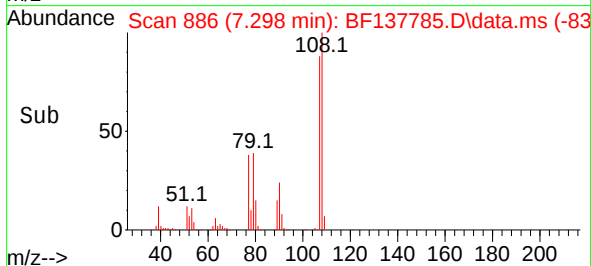


Tgt Ion:107 Resp: 59643
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 43.1 34.5 51.7
79 44.0 35.2 52.8

Manual Integrations

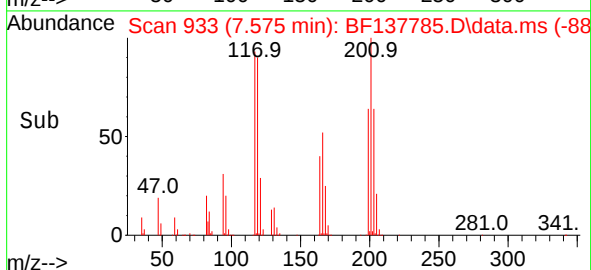
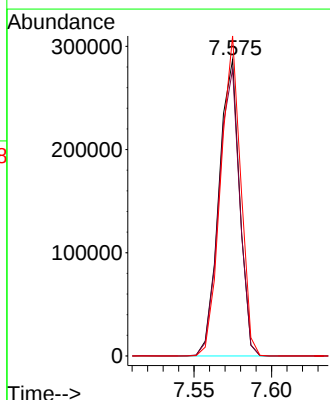
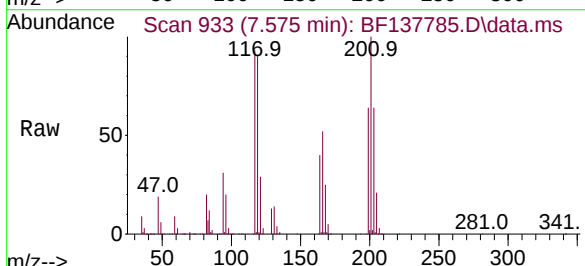
APPROVED

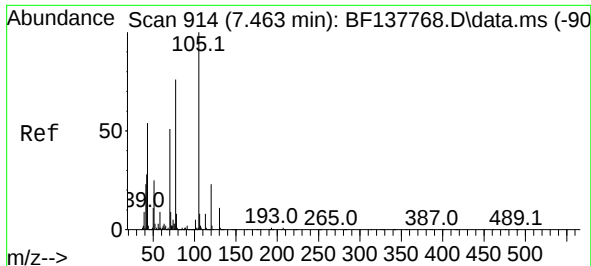
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 44.157 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:117 Resp: 266021
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 108.0 83.8 125.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.524 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.006 min

Lab File: BF137785.D

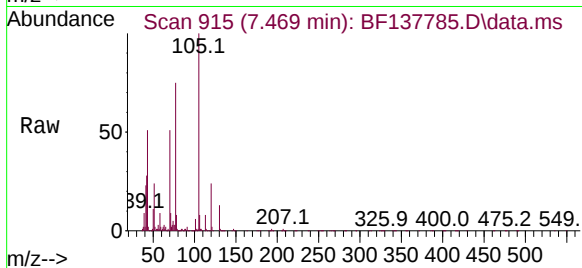
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS



Tgt Ion: 70 Resp: 48774

Ion Ratio Lower Upper

70 100

42 54.6 44.6 66.8

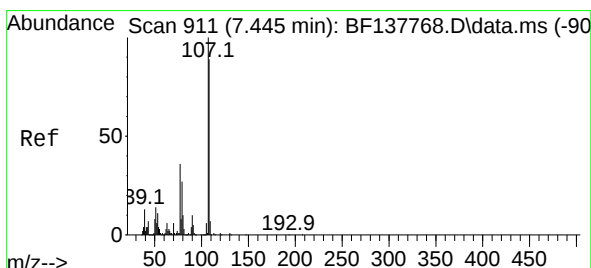
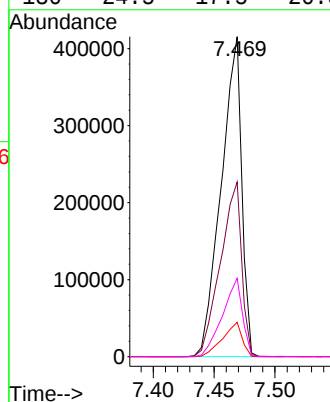
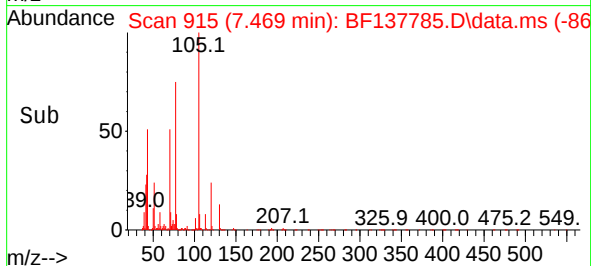
101 10.7 7.8 11.6

130 24.5 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#20

3+4-Methylphenols

Concen: 45.059 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:107 Resp: 753361

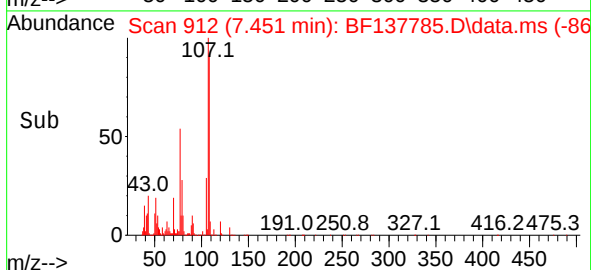
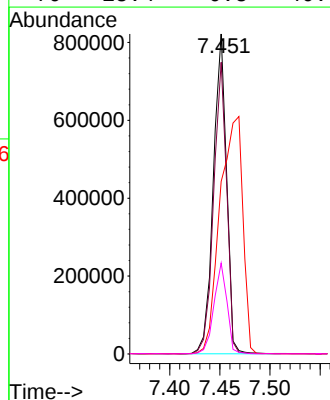
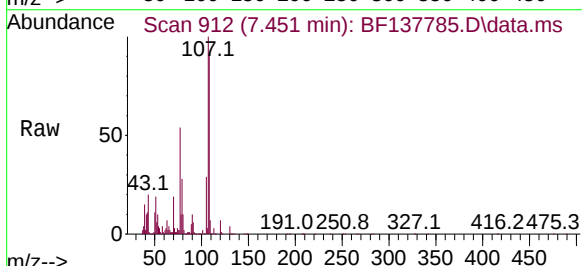
Ion Ratio Lower Upper

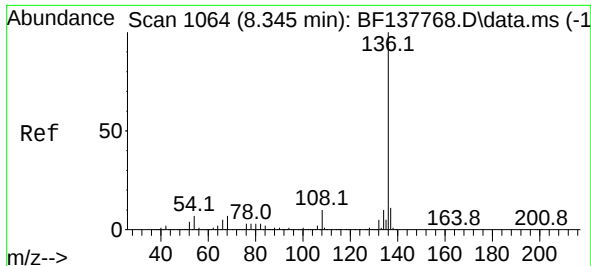
107 100

108 91.2 69.3 109.3

77 53.9 15.7 55.7

79 28.4 6.8 46.8





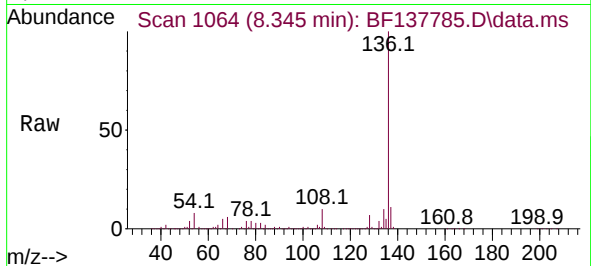
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

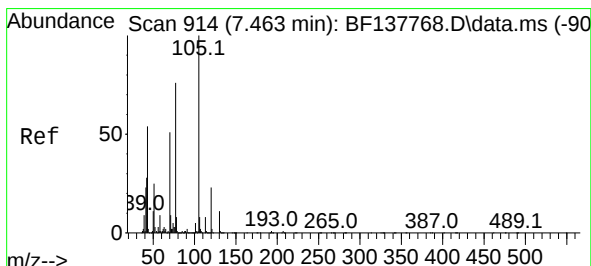
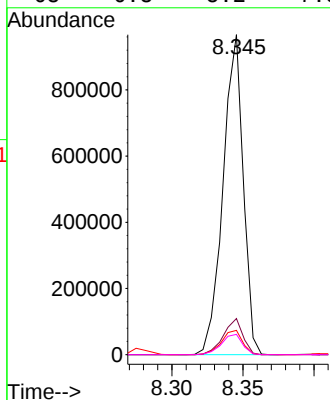
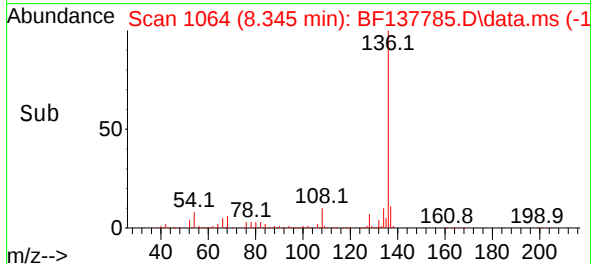


Tgt Ion:136 Resp: 953918
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 5.8 8.8
68 6.3 5.2 7.8

Manual Integrations

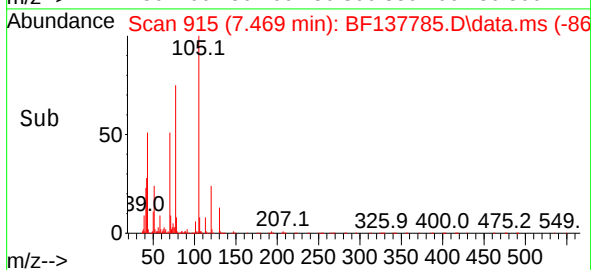
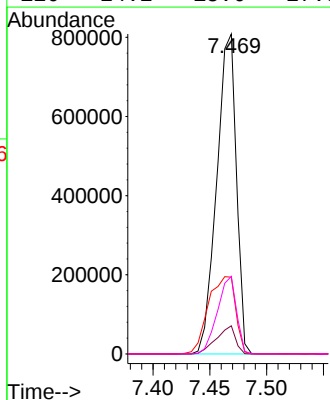
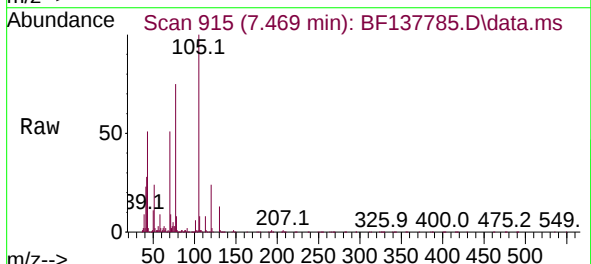
APPROVED

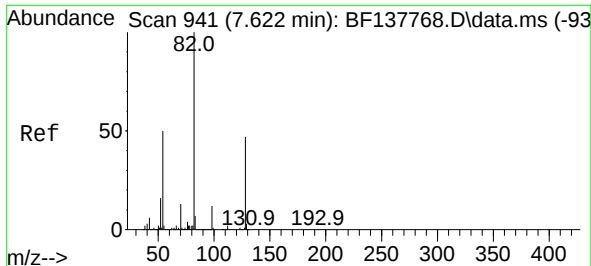
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 45.398 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:105 Resp: 973959
Ion Ratio Lower Upper
105 100
71 8.8 6.9 10.3
51 24.0 20.2 30.2
120 24.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 84.661 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137785.D

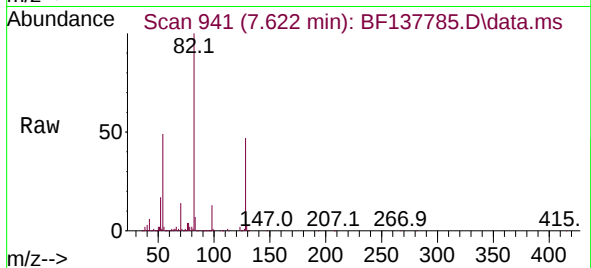
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

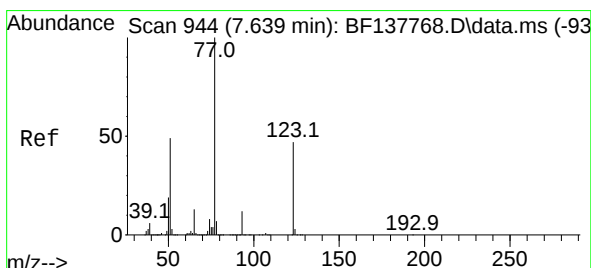
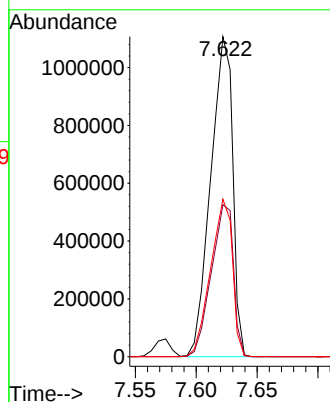
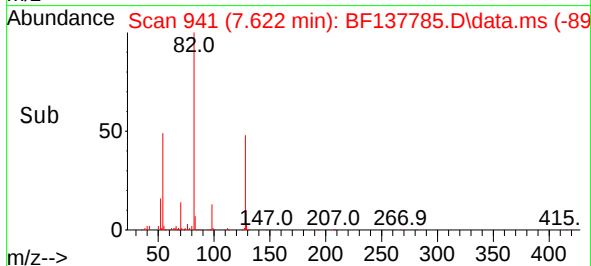


Tgt Ion: 82 Resp: 139005

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	49.2	39.8	59.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 43.895 ng

RT: 7.640 min Scan# 944

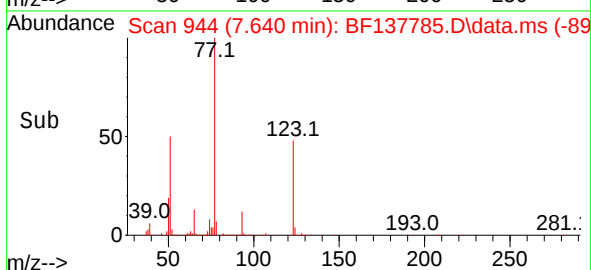
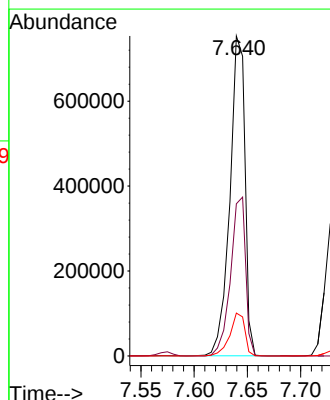
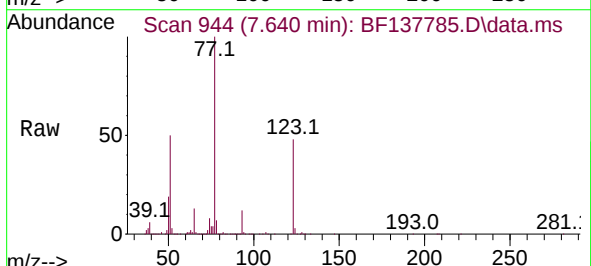
Delta R.T. 0.000 min

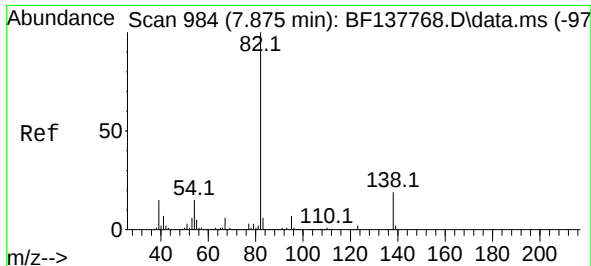
Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion: 77 Resp: 742813

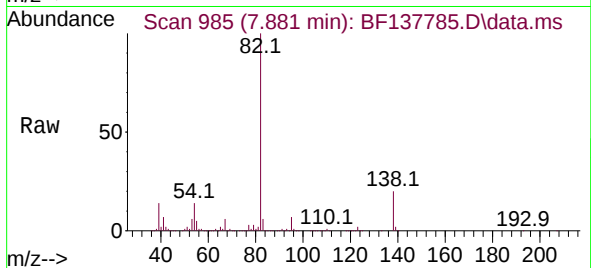
Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.4	56.2
65	13.4	10.7	16.1





#25
Isophorone
Concen: 46.497 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

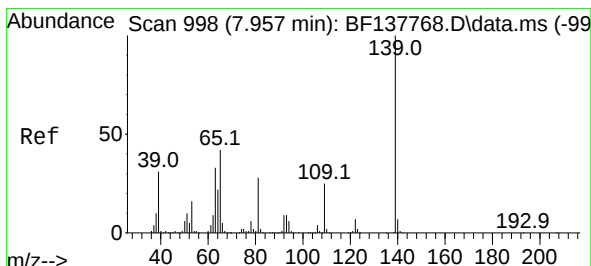
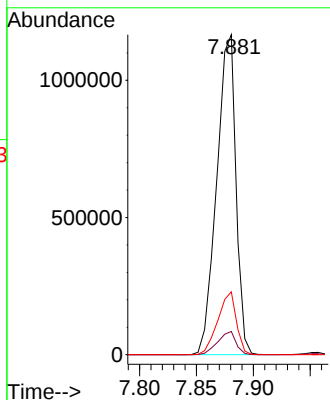
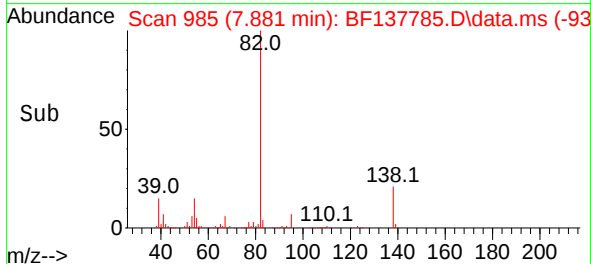
Instrument :
BNA_F
ClientSampleId :
PB160574BS



Tgt Ion: 82 Resp: 1376468
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.7 15.0 22.6

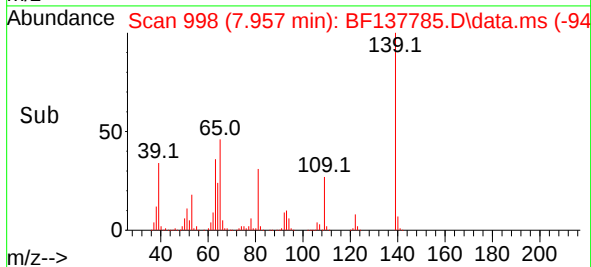
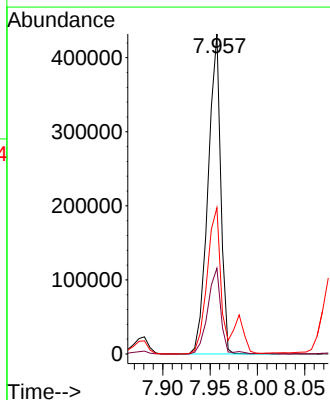
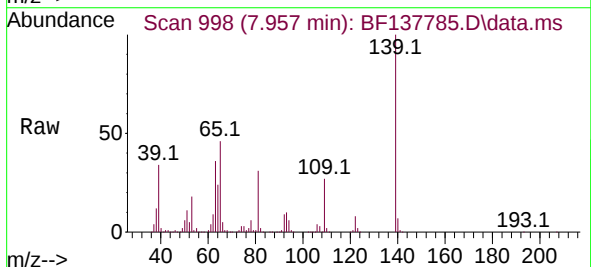
Manual Integrations
APPROVED

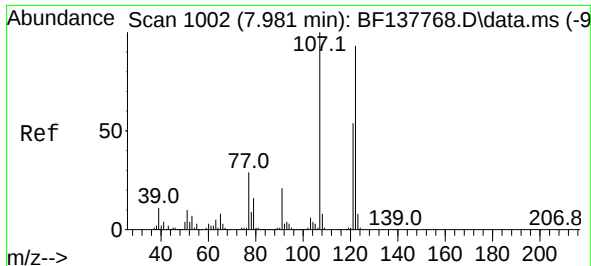
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 52.209 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:139 Resp: 400085
Ion Ratio Lower Upper
139 100
109 26.8 20.2 30.2
65 45.7 33.4 50.0





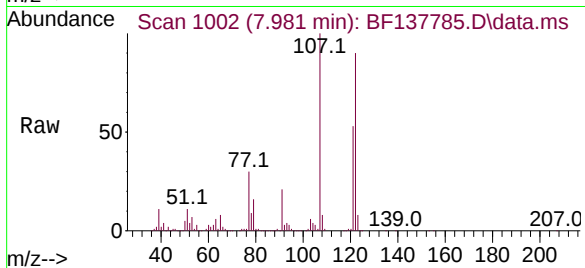
#27
2,4-Dimethylphenol
Concen: 51.217 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

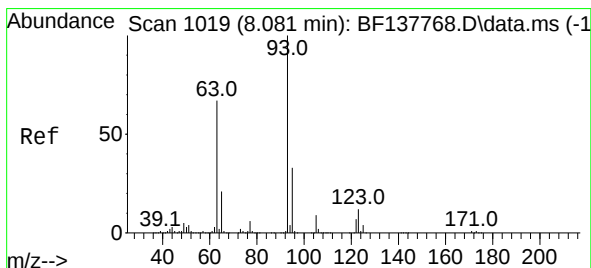
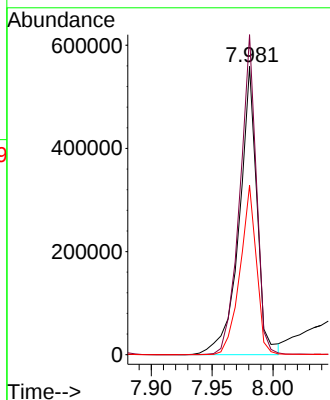
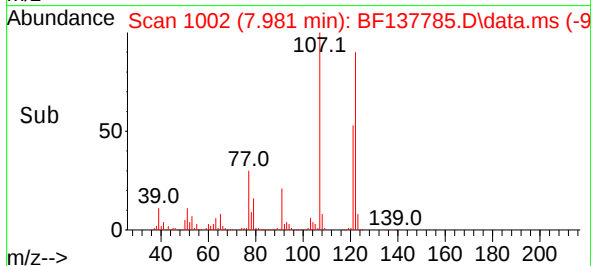


Tgt Ion:122 Resp: 565038
Ion Ratio Lower Upper
122 100
107 111.0 85.8 128.8
121 58.7 46.6 69.8

Manual Integrations

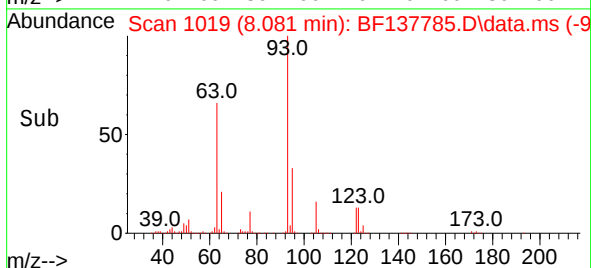
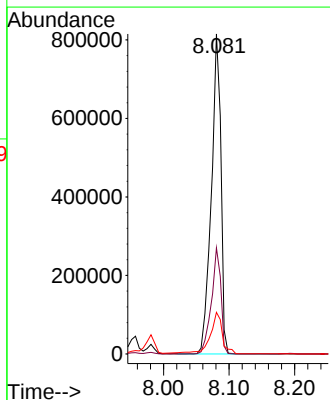
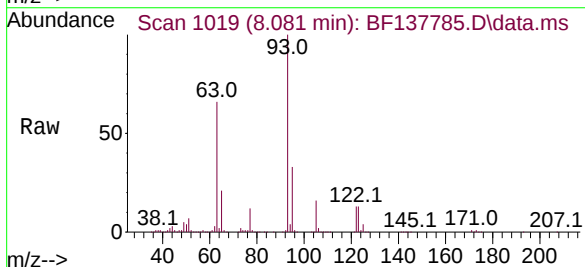
APPROVED

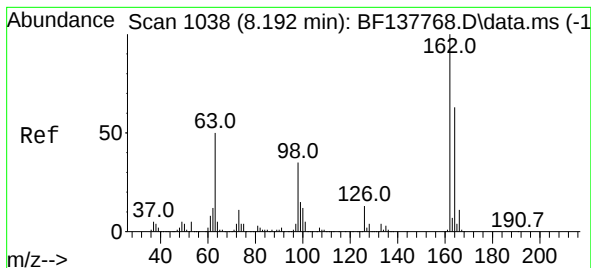
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.266 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion: 93 Resp: 829271
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.605 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

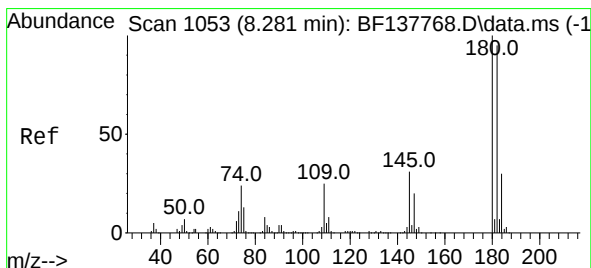
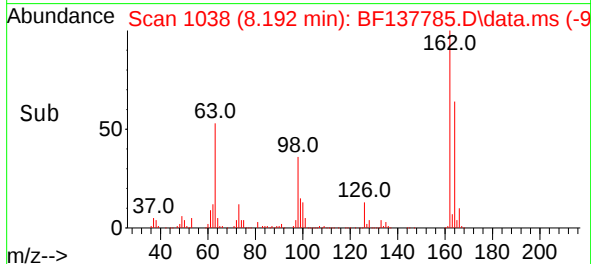
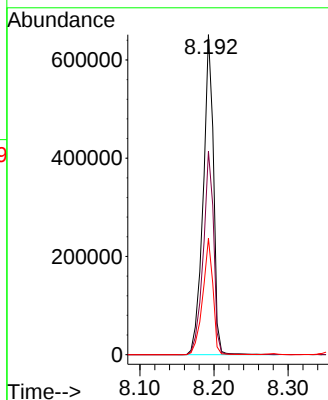
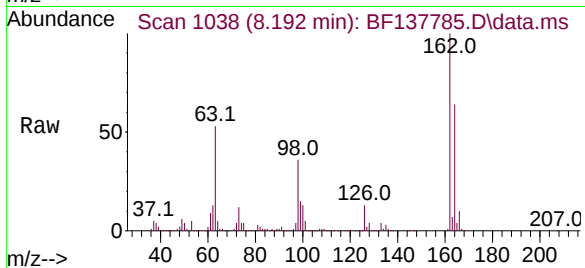
PB160574BS

Tgt Ion:162	Resp: 634800
Ion Ratio	Lower Upper
162	100
164	63.5 43.5 83.5
98	36.3 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.800 ng

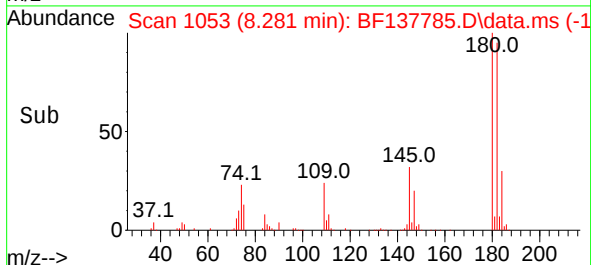
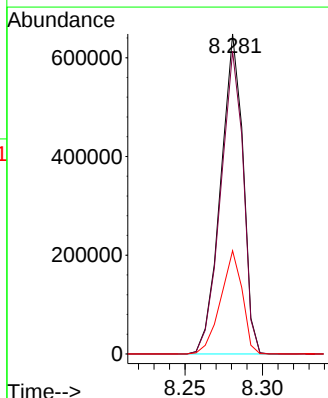
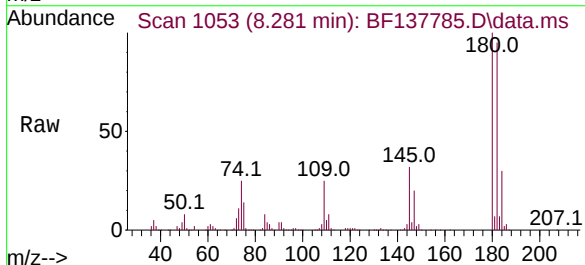
RT: 8.281 min Scan# 1053

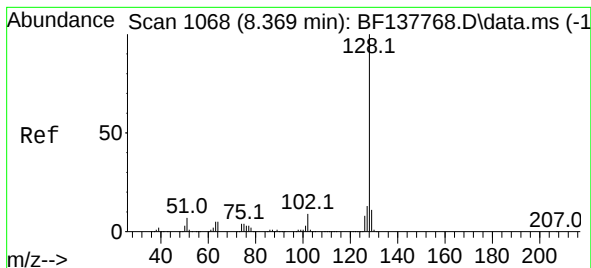
Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

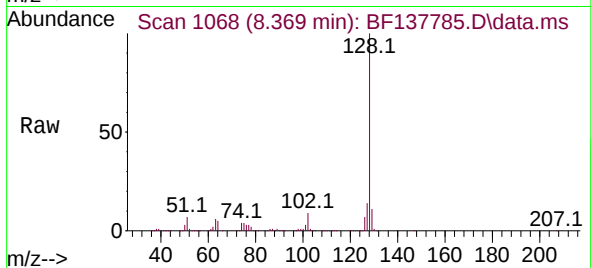
Tgt Ion:180	Resp: 651250
Ion Ratio	Lower Upper
180	100
182	94.6 76.2 114.2
145	32.2 25.1 37.7





#31
Naphthalene
Concen: 44.644 ng
RT: 8.369 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

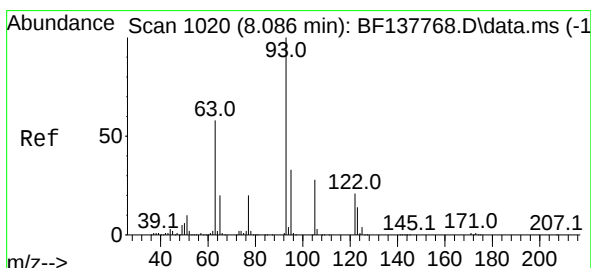
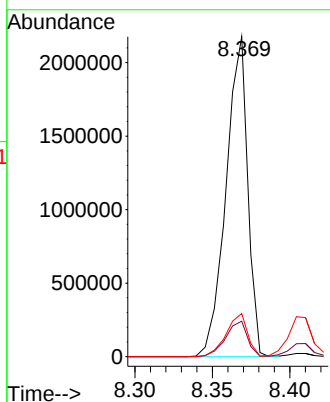
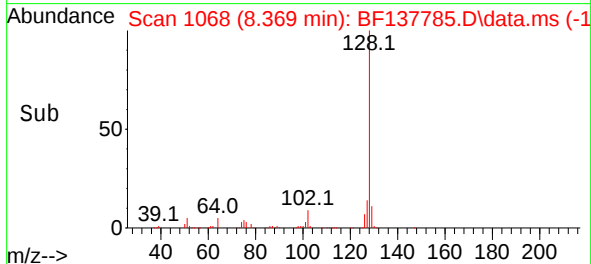
Instrument :
BNA_F
ClientSampleId :
PB160574BS



Tgt Ion:128 Resp: 2116372
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 16.0

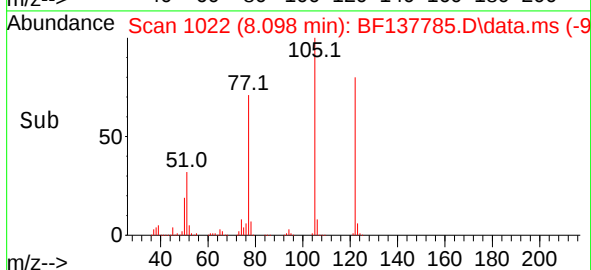
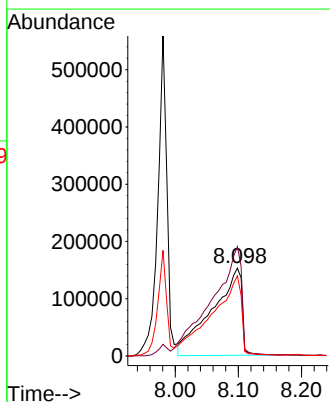
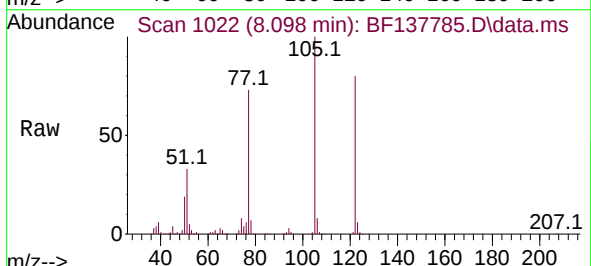
Manual Integrations
APPROVED

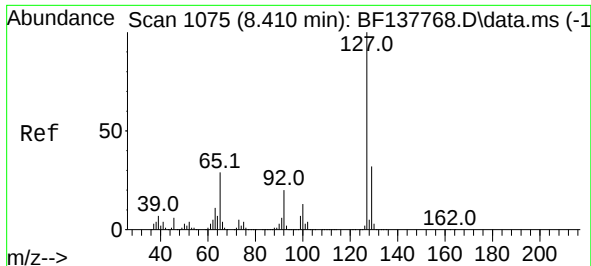
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 52.612 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:122 Resp: 500743
Ion Ratio Lower Upper
122 100
105 124.4 105.3 145.3
77 91.2 73.2 113.2





#33

4-Chloroaniline

Concen: 17.247 ng

RT: 8.404 min Scan# 1075

Delta R.T. -0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

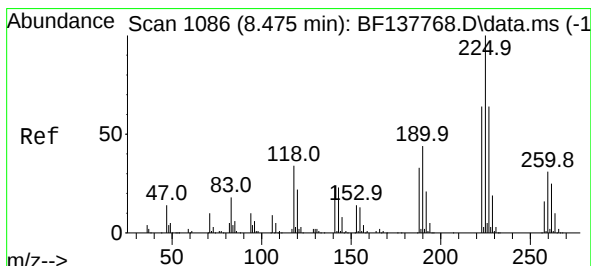
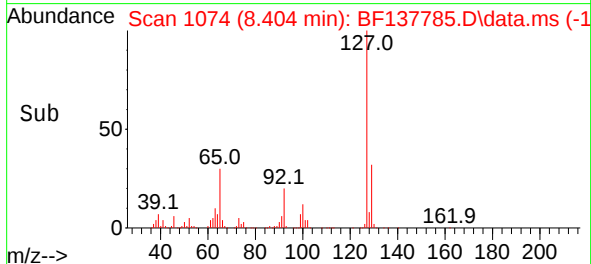
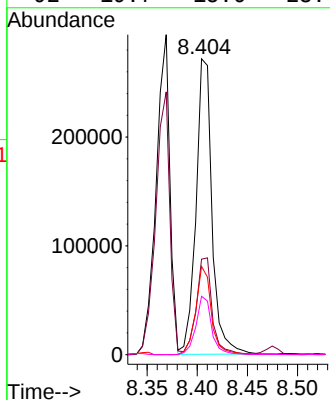
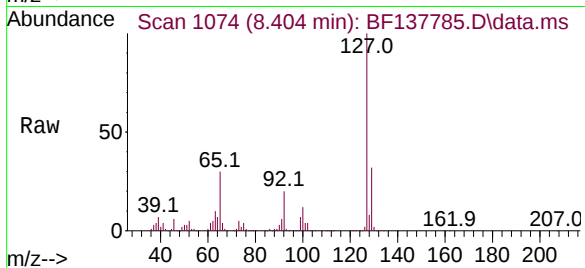
PB160574BS

Tgt Ion:	127	Resp:	30319
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.7	38.5
65	29.8	23.4	35.2
92	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 43.389 ng

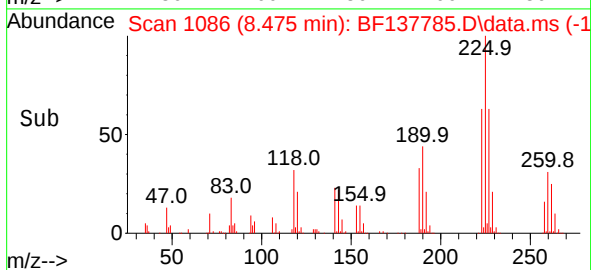
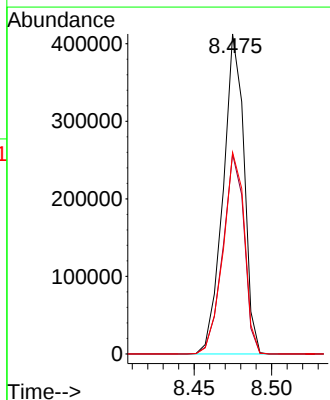
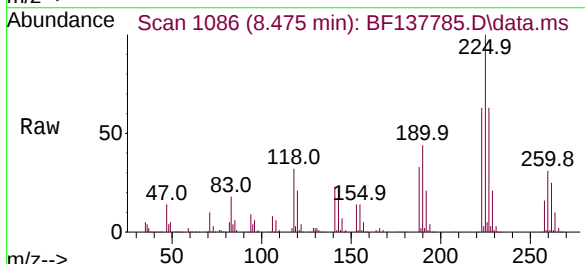
RT: 8.475 min Scan# 1086

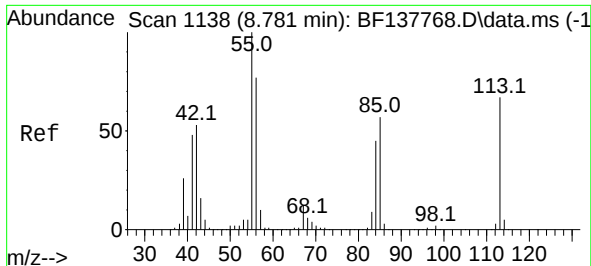
Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:	225	Resp:	387243
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.1	76.7
227	63.0	51.4	77.0





#35

Caprolactam

Concen: 51.982 ng m

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

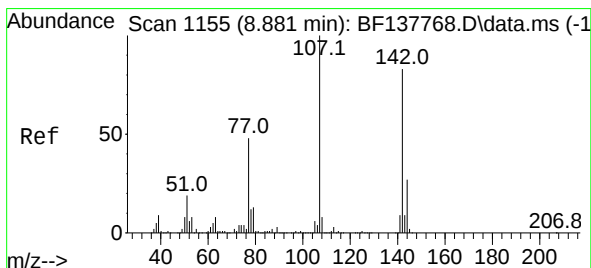
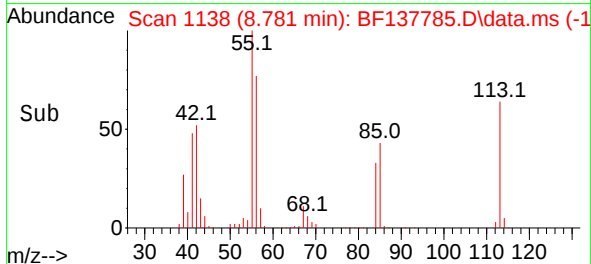
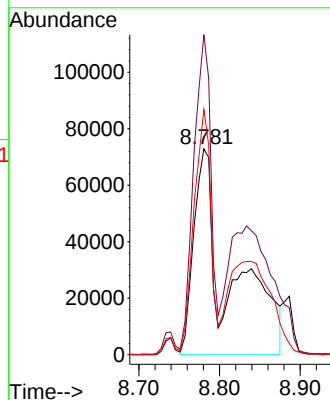
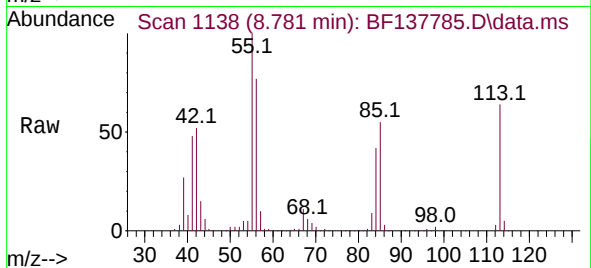
PB160574BS

Tgt Ion:113 Resp: 219624
 Ion Ratio Lower Upper
 113 100
 55 155.5 128.7 168.7
 56 119.1 93.9 133.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#36

4-Chloro-3-methylphenol

Concen: 48.418 ng

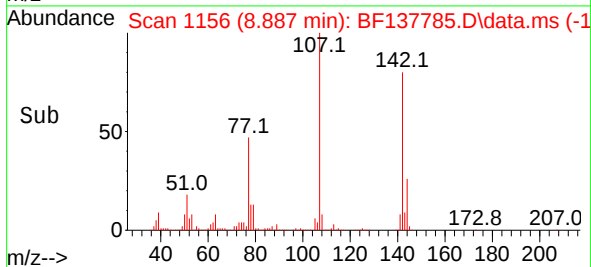
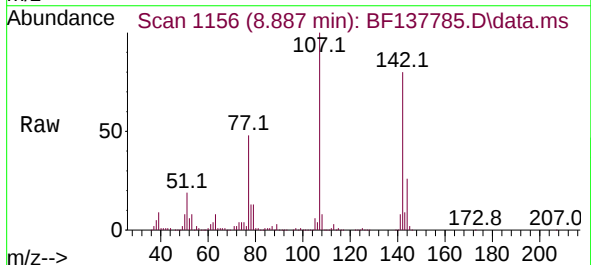
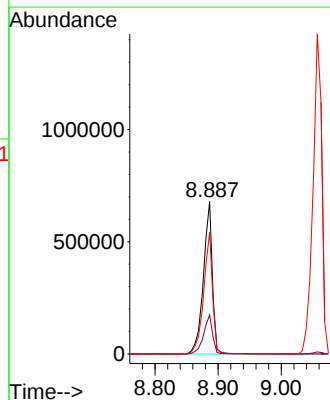
RT: 8.887 min Scan# 1156

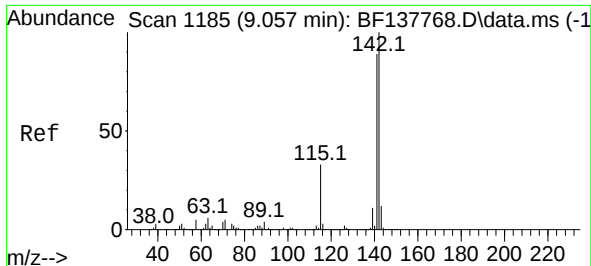
Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:107 Resp: 673293
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.0
 142 79.7 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.502 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:142 Resp: 139628

Ion Ratio Lower Upper

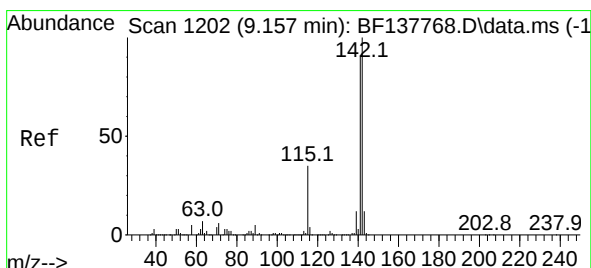
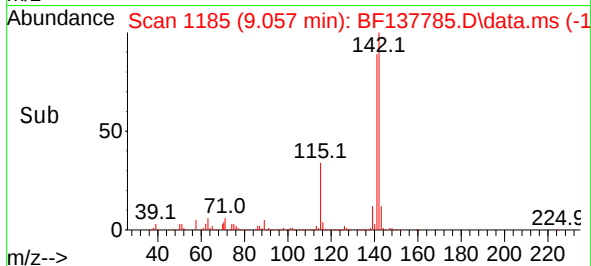
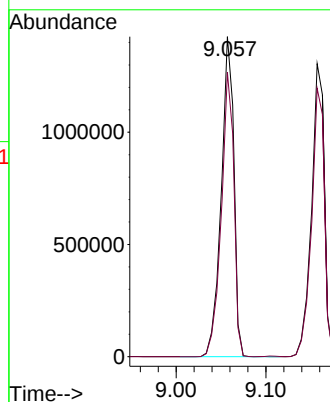
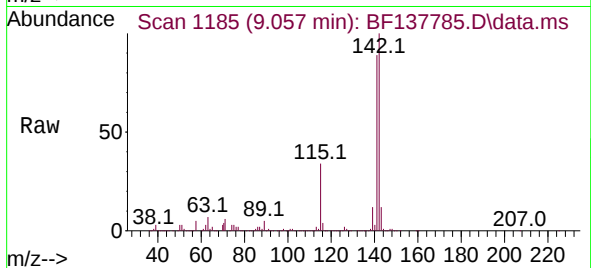
142 100

141 88.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#38

1-Methylnaphthalene

Concen: 42.986 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137785.D

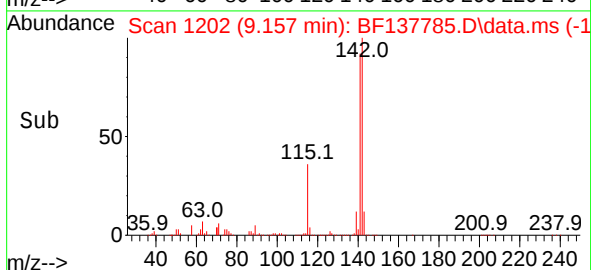
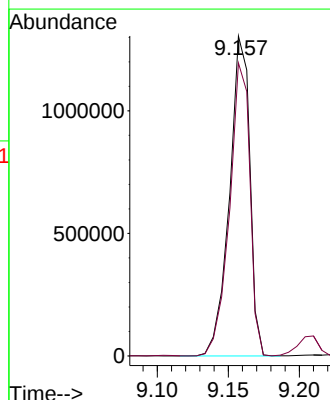
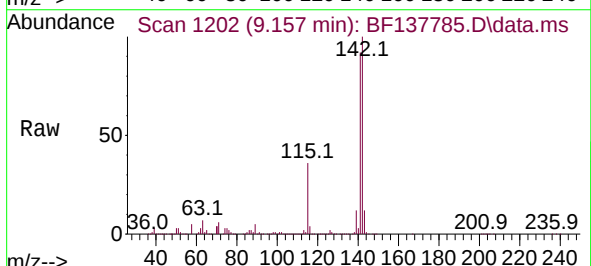
Acq: 01 May 2024 11:11

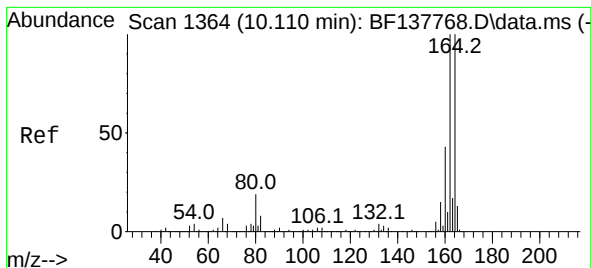
Tgt Ion:142 Resp: 1297723

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF137785.D

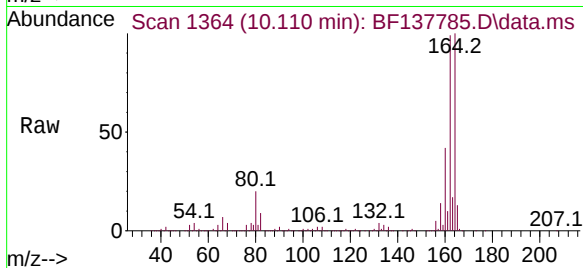
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS



Tgt Ion:164 Resp: 548424

Ion Ratio Lower Upper

164 100

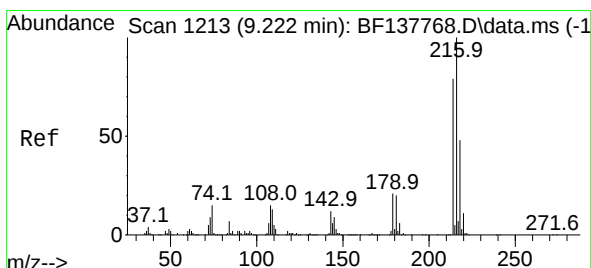
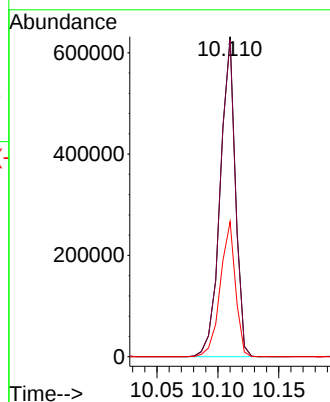
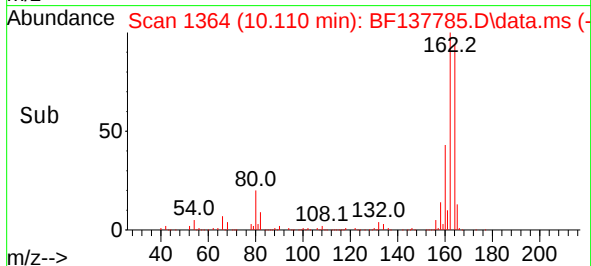
162 99.0 79.8 119.6

160 42.2 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.284 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:216 Resp: 657768

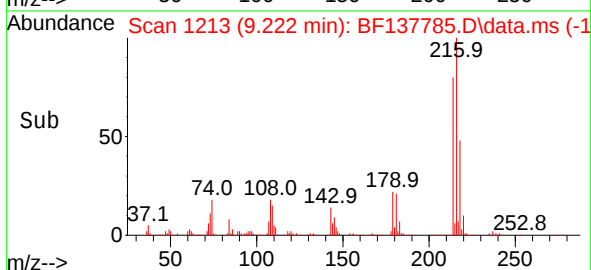
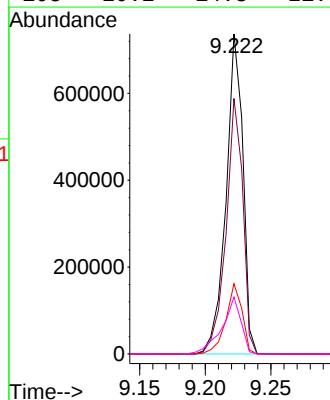
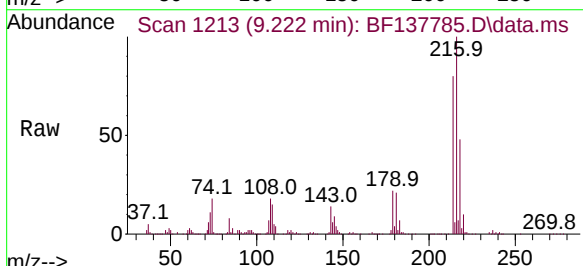
Ion Ratio Lower Upper

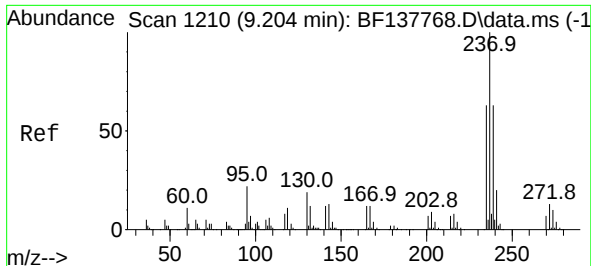
216 100

214 79.2 63.3 94.9

179 21.2 16.8 25.2

108 20.2 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 128.569 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

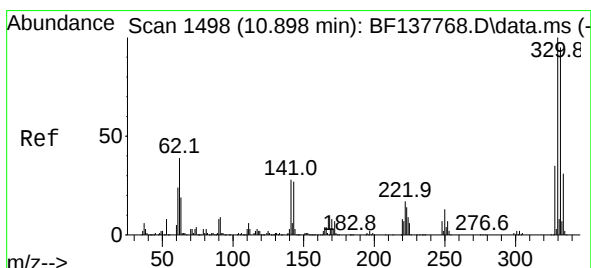
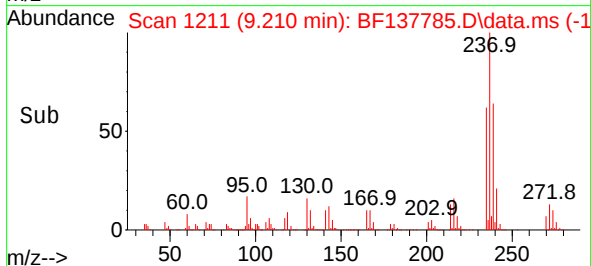
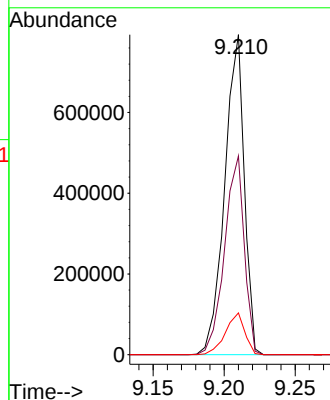
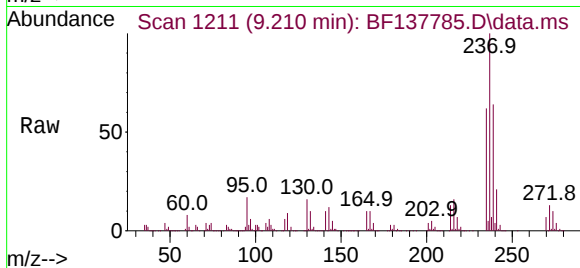
PB160574BS

Tgt Ion:237 Resp: 758534
Ion Ratio Lower Upper
237 100
235 62.1 43.0 83.0
272 13.0 0.0 32.8

Manual Integrations

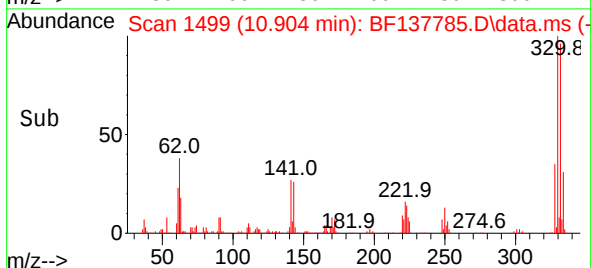
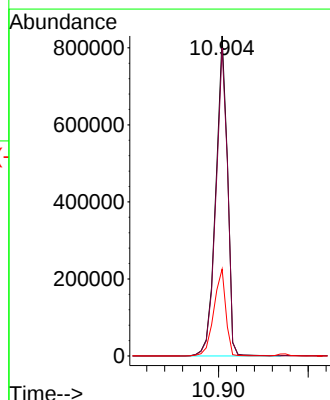
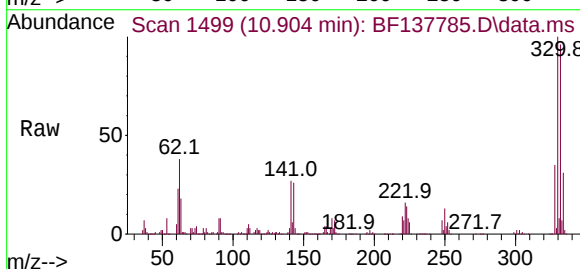
APPROVED

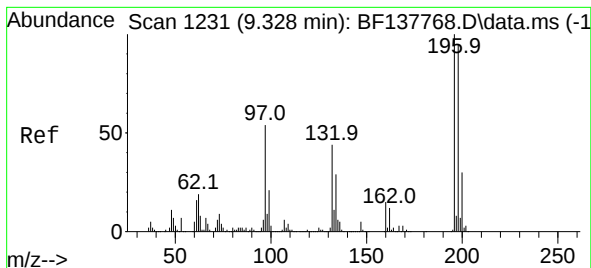
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#42
2,4,6-Tribromophenol
Concen: 133.557 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:330 Resp: 747860
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 27.8 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.994 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:196 Resp: 484424

Ion Ratio Lower Upper

196 100

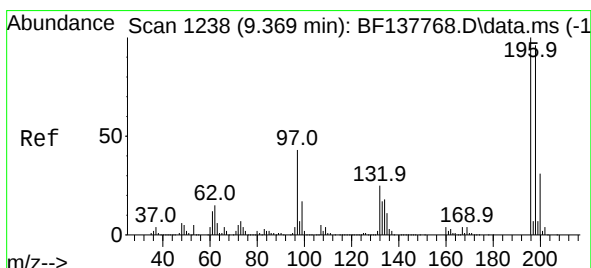
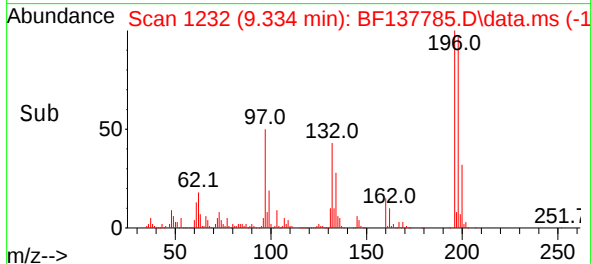
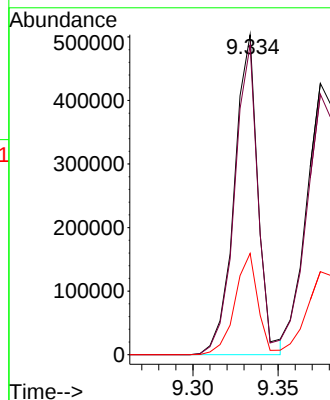
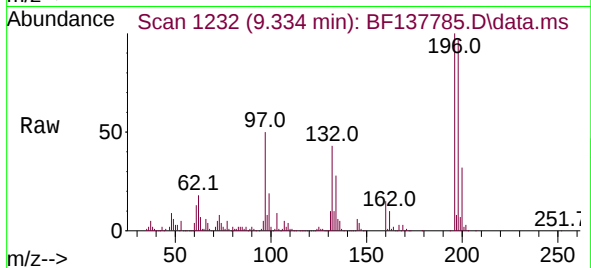
198 96.8 76.2 114.4

200 31.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 47.061 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:196 Resp: 513799

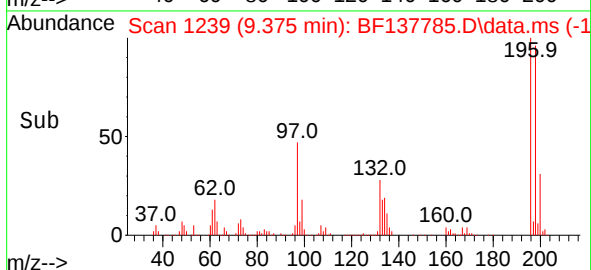
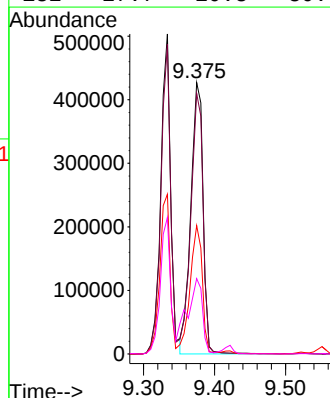
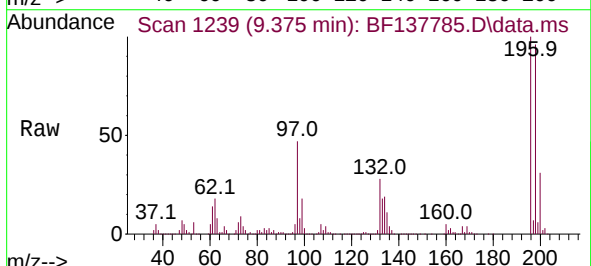
Ion Ratio Lower Upper

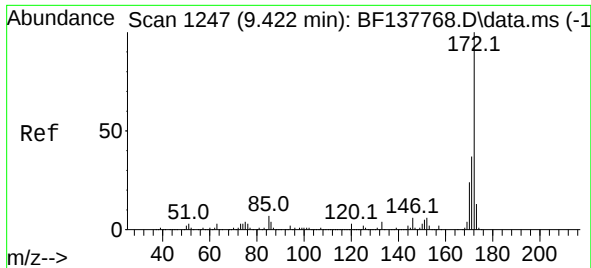
196 100

198 96.0 76.6 114.8

97 47.3 34.5 51.7

132 27.7 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 82.854 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF137785.D

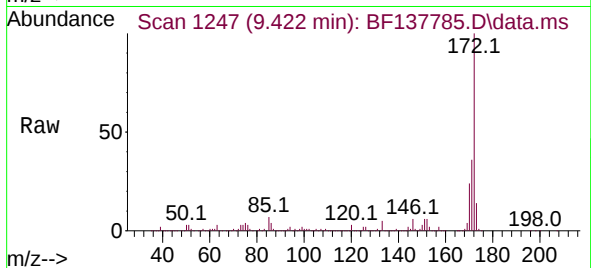
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS



Tgt Ion:172 Resp: 2800792

Ion Ratio Lower Upper

172 100

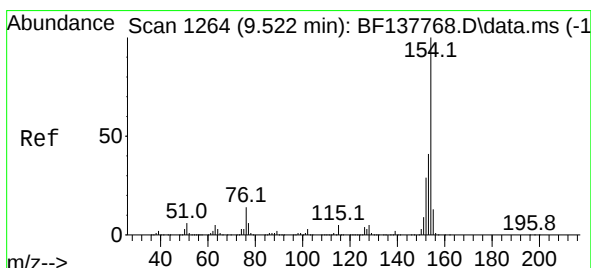
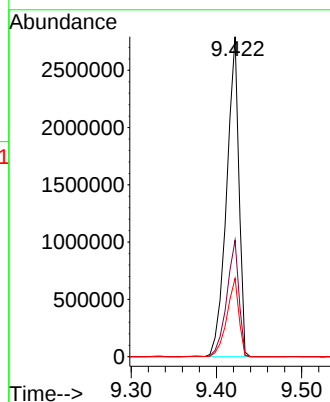
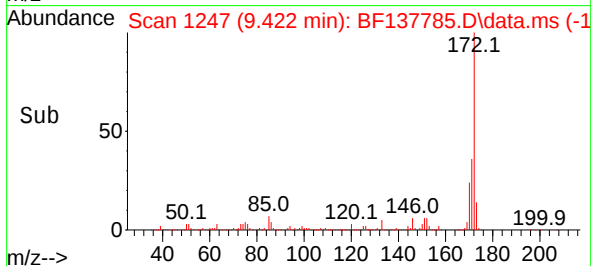
171 36.4 29.6 44.4

170 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 45.689 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

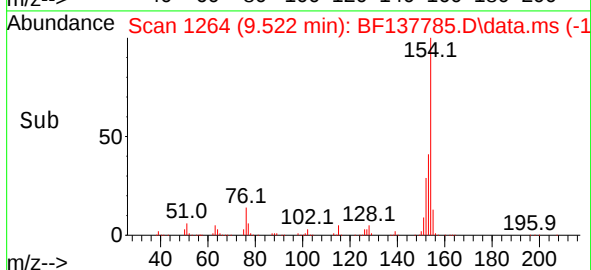
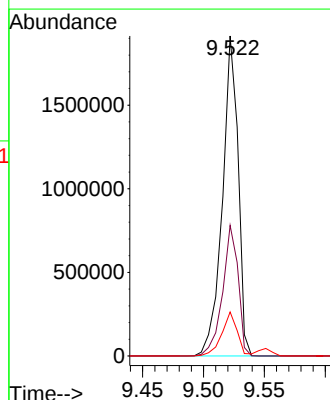
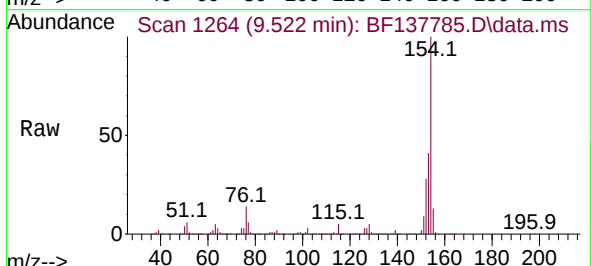
Tgt Ion:154 Resp: 1719598

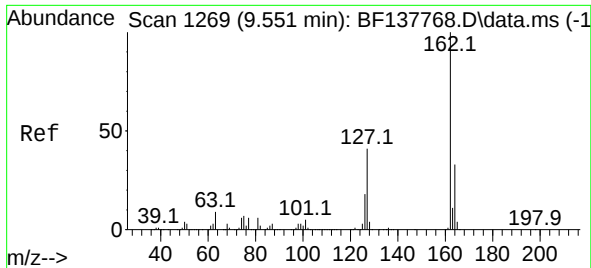
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 13.8 0.0 33.5





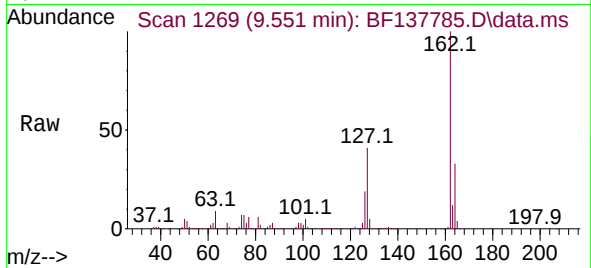
#47
2-Chloronaphthalene
Concen: 44.499 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

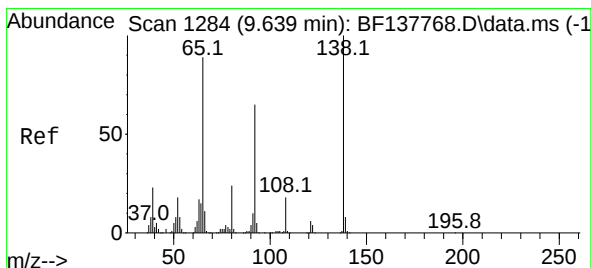
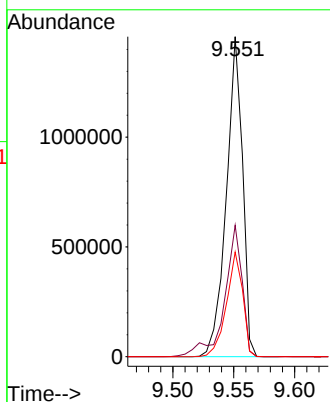
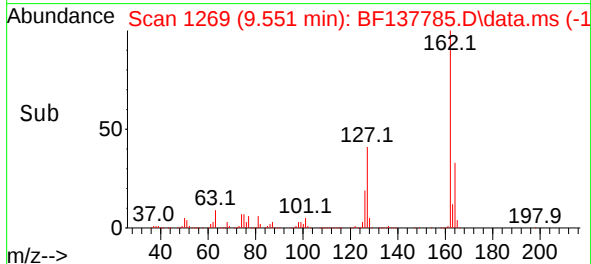


Tgt Ion:162 Resp: 135216
Ion Ratio Lower Upper
162 100
127 41.0 32.6 49.0
164 32.7 26.5 39.7

Manual Integrations

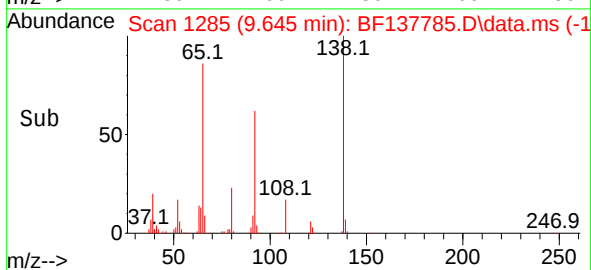
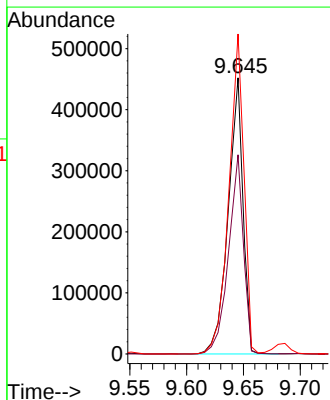
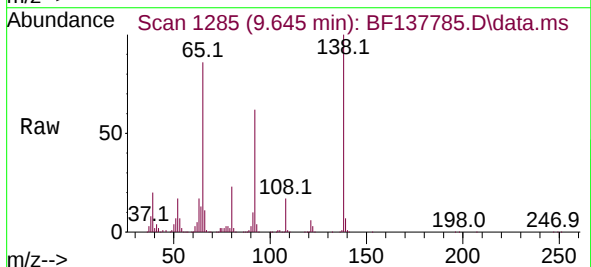
APPROVED

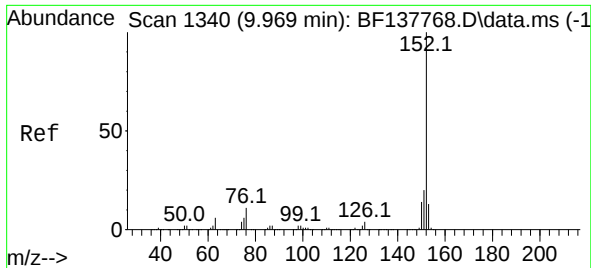
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#48
2-Nitroaniline
Concen: 49.975 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion: 65 Resp: 411846
Ion Ratio Lower Upper
65 100
92 72.1 58.6 88.0
138 115.9 90.3 135.5





#49

Acenaphthylene

Concen: 48.820 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF137785.D

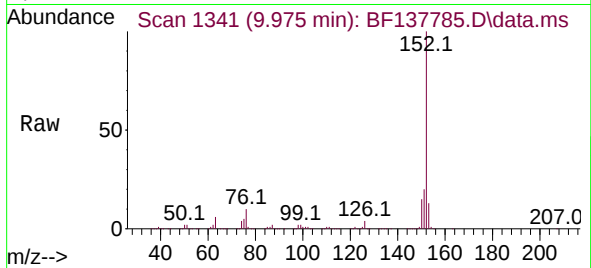
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS



Tgt Ion:152 Resp: 214595

Ion Ratio Lower Upper

152 100

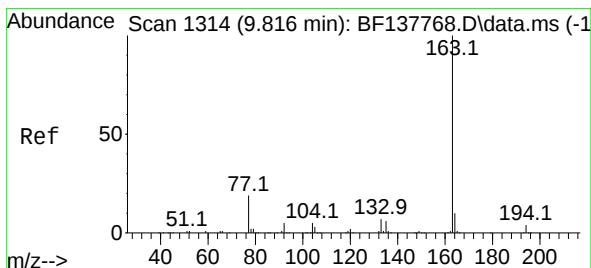
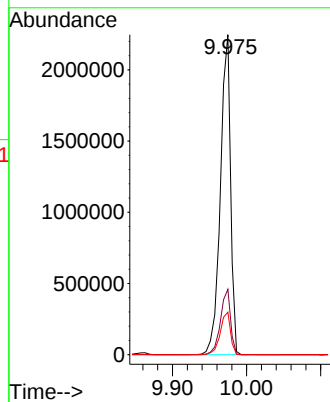
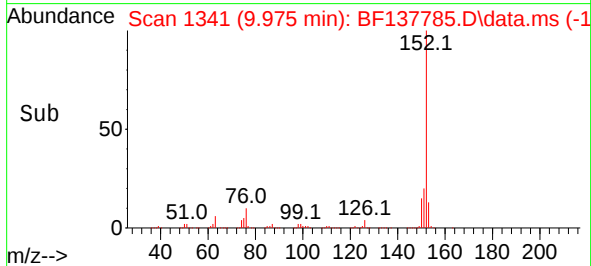
151 20.5 16.2 24.4

153 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 47.831 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

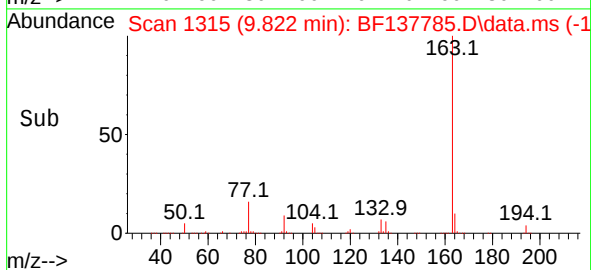
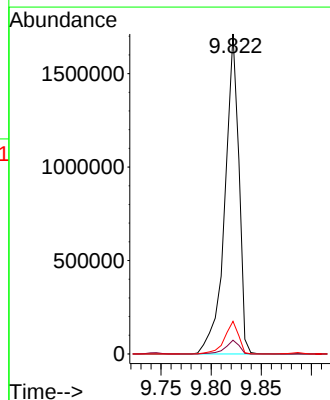
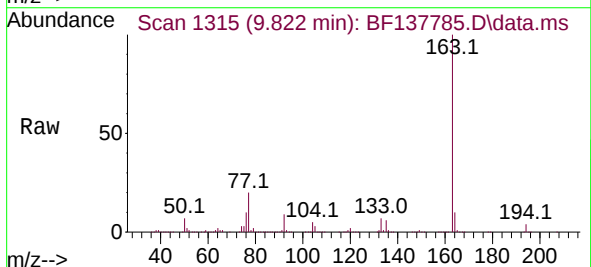
Tgt Ion:163 Resp: 1655981

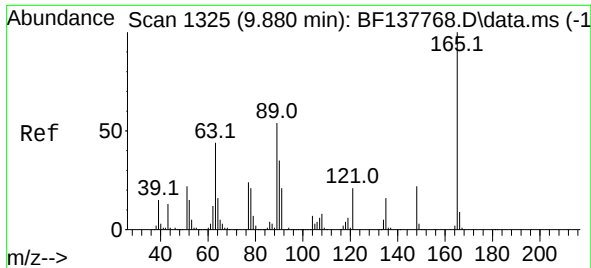
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.337 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

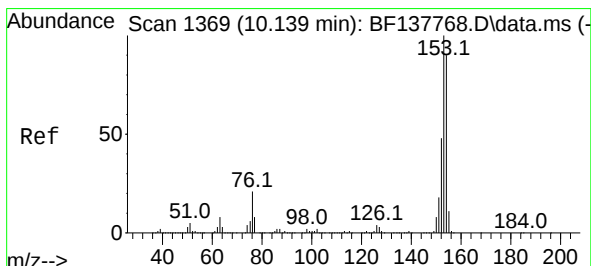
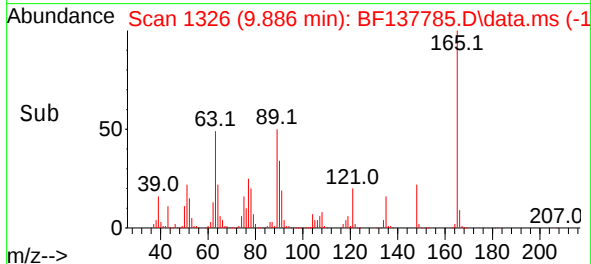
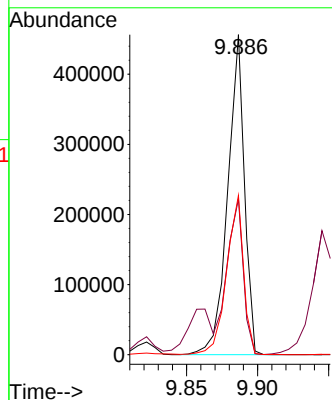
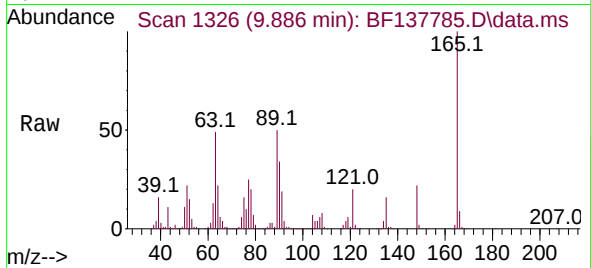
PB160574BS

Tgt Ion:165 Resp: 374539
Ion Ratio Lower Upper
165 100
63 48.7 41.9 62.9
89 49.8 43.2 64.8

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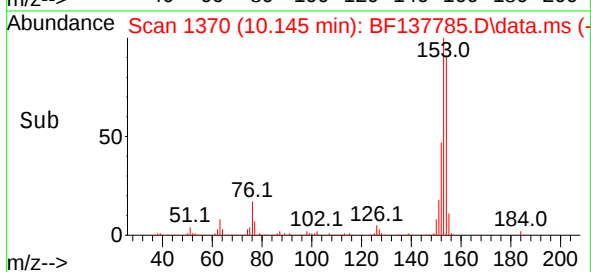
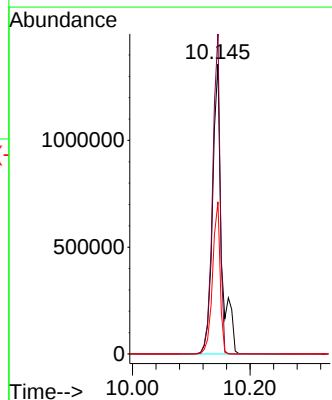
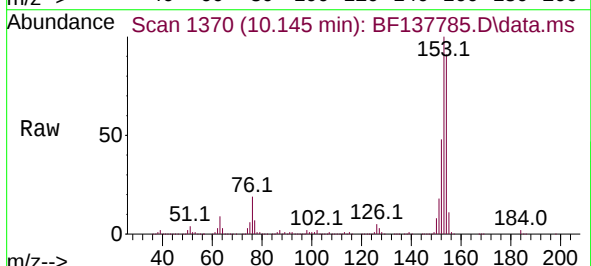
APPROVED

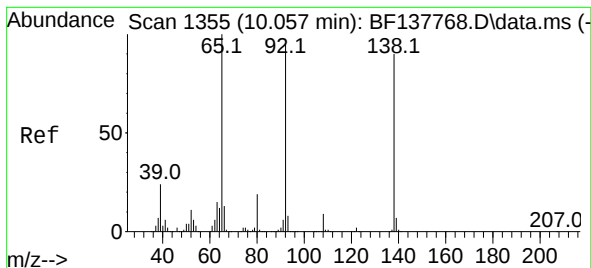
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 50.049 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

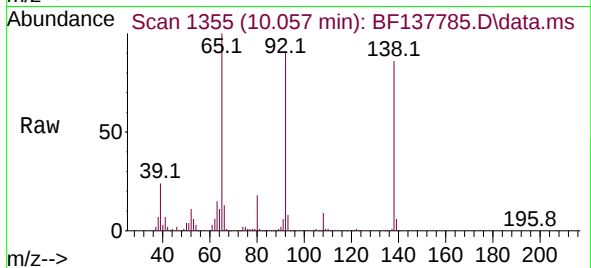
Tgt Ion:154 Resp: 1458246
Ion Ratio Lower Upper
154 100
153 110.4 88.7 133.1
152 52.5 42.8 64.2





#53
3-Nitroaniline
Concen: 29.457 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

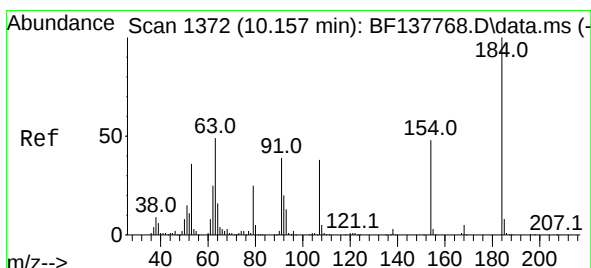
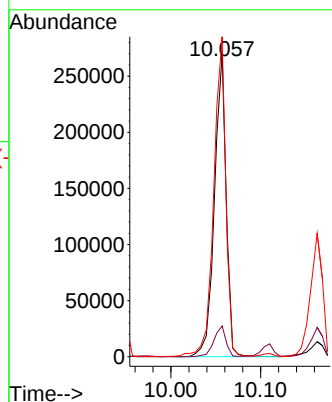
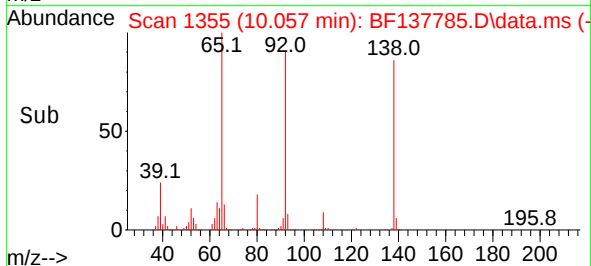
Instrument :
BNA_F
ClientSampleId :
PB160574BS



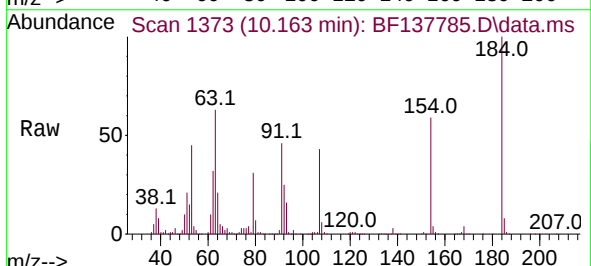
Tgt Ion:138 Resp: 244073
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 106.0 84.6 126.8

Manual Integrations
APPROVED

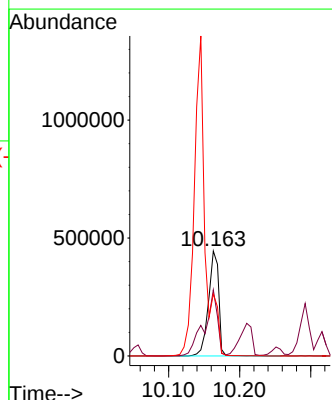
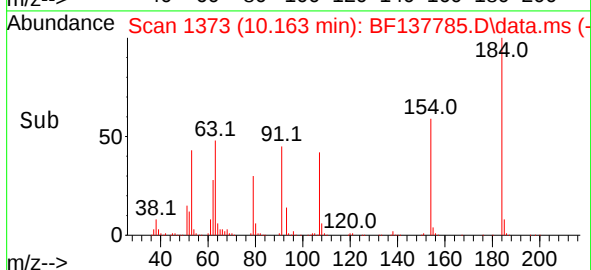
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

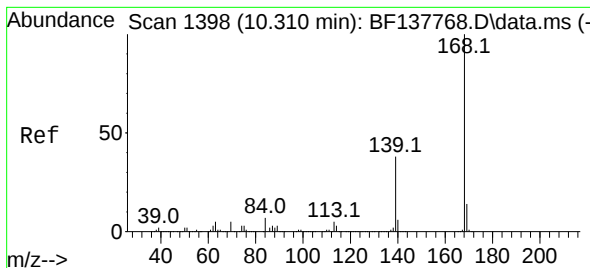


#54
2,4-Dinitrophenol
Concen: 114.985 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



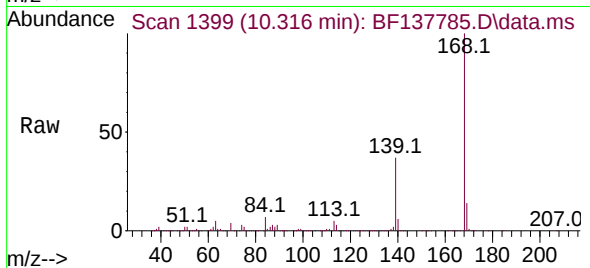
Tgt Ion:184 Resp: 447022
Ion Ratio Lower Upper
184 100
63 62.9 40.3 60.5#
154 59.0 45.2 67.8





#55
Dibenzenofuran
Concen: 45.753 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

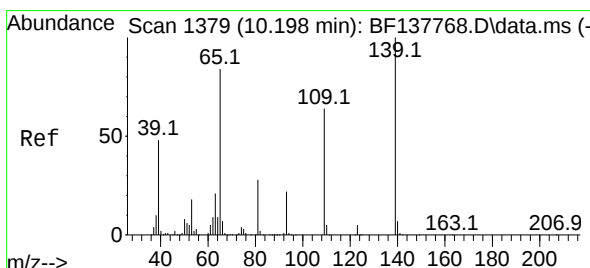
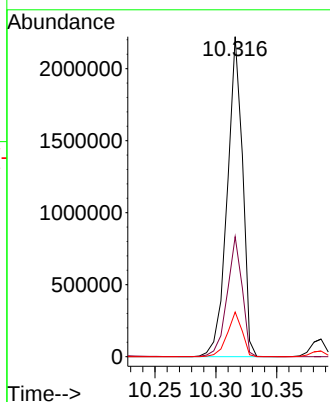
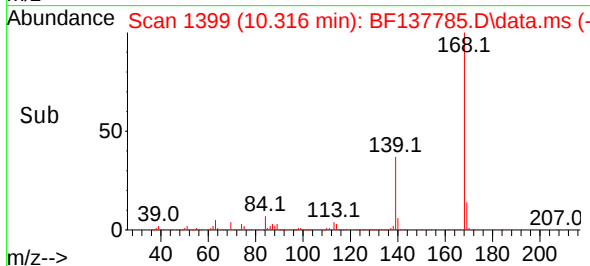
Instrument :
BNA_F
ClientSampleId :
PB160574BS



Tgt Ion:168 Resp: 1939929
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 14.0 11.4 17.0

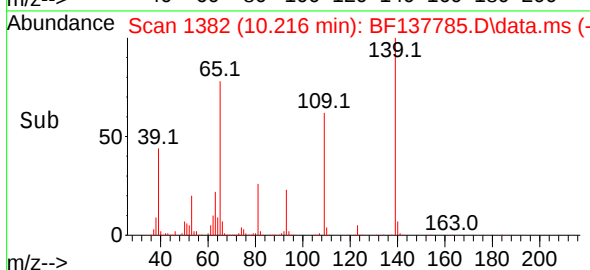
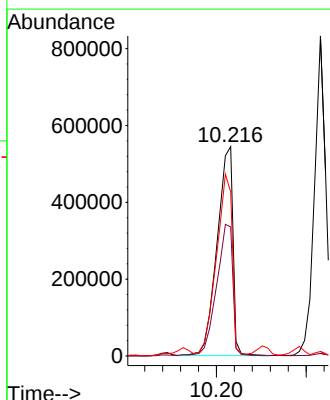
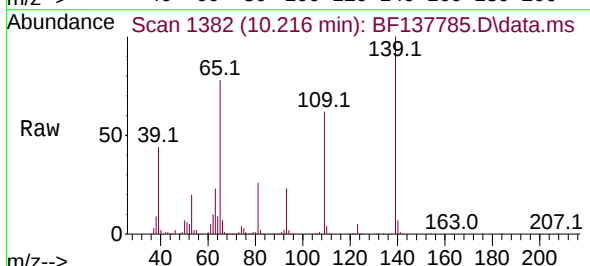
Manual Integrations
APPROVED

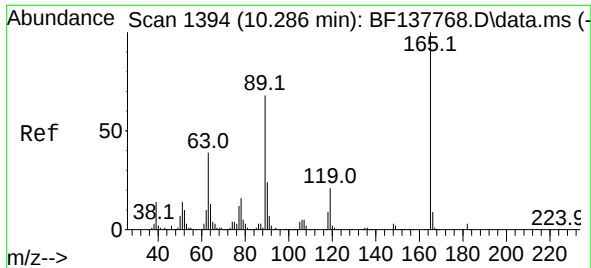
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#56
4-Nitrophenol
Concen: 96.906 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:139 Resp: 665467
Ion Ratio Lower Upper
139 100
109 61.7 44.0 84.0
65 78.5 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 49.934 ng
RT: 10.292 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

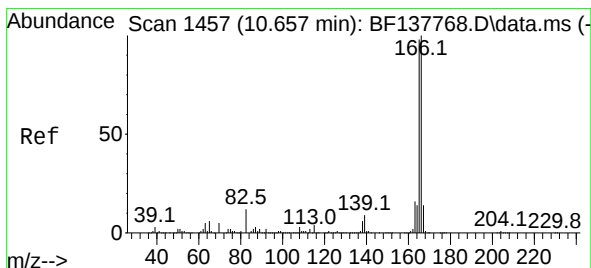
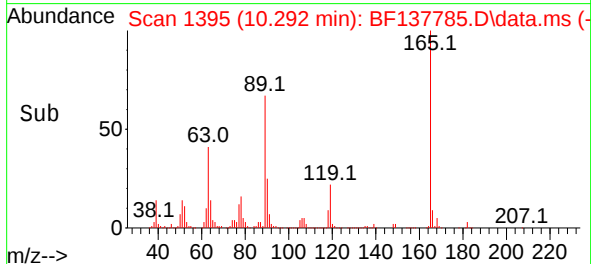
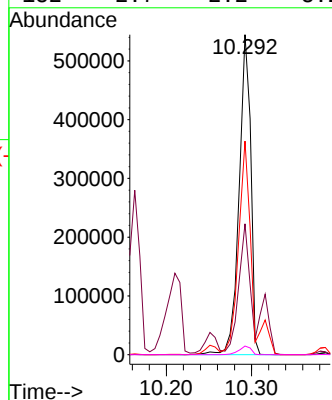
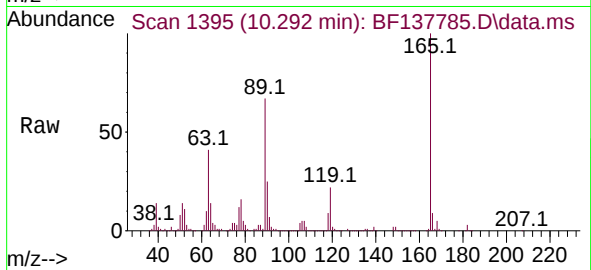
PB160574BS

Tgt Ion:165 Resp: 51614
Ion Ratio Lower Upper
165 100
63 40.9 31.3 46.9
89 66.8 54.2 81.4
182 2.7 2.2 3.2

Manual Integrations

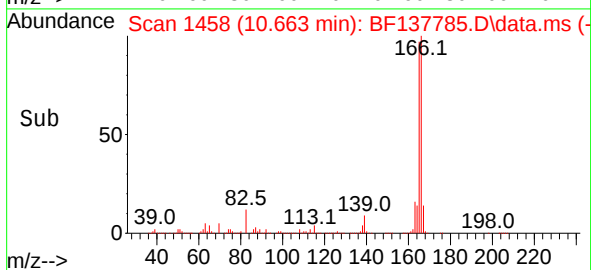
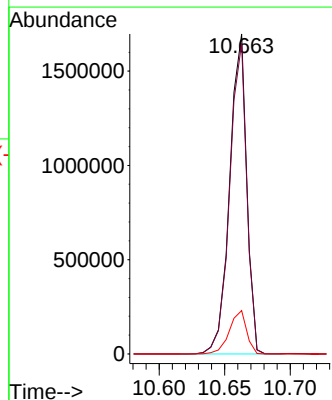
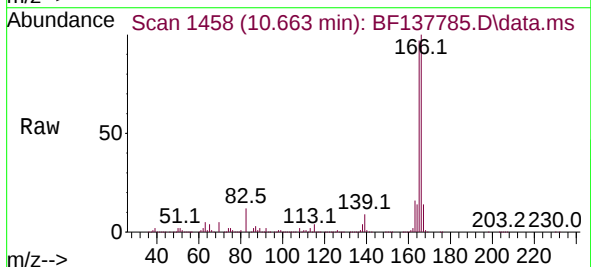
APPROVED

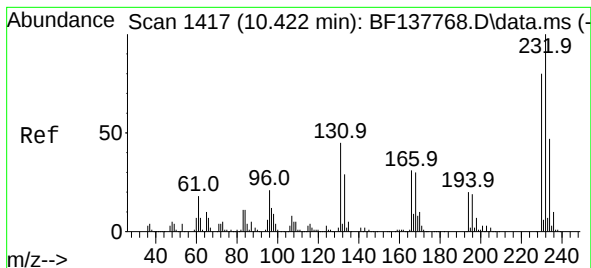
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 45.520 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:166 Resp: 1536038
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.582 ng

RT: 10.428 min Scan# 1417

Delta R.T. 0.006 min

Lab File: BF137785.D

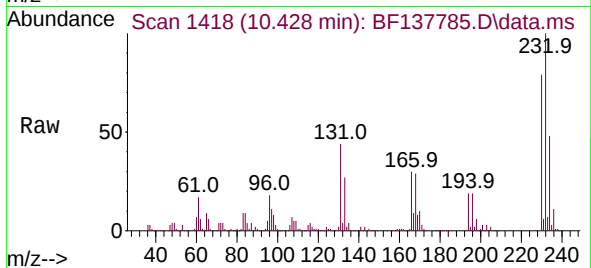
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS



Tgt Ion:232 Resp: 439474

Ion Ratio Lower Upper

232 100

131 41.3 33.4 50.0

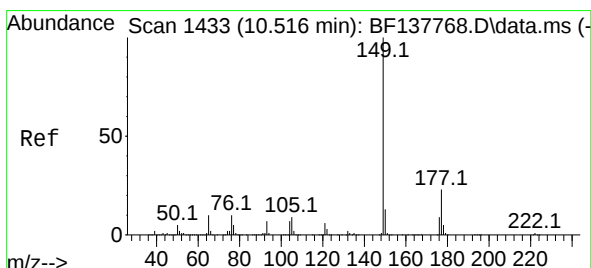
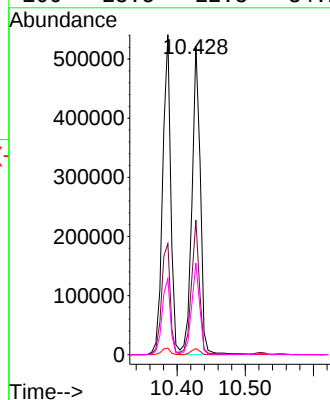
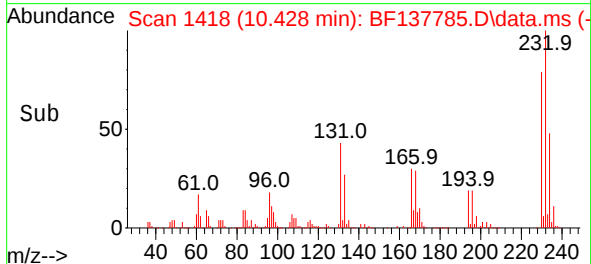
130 2.1 1.7 2.5

166 28.5 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#60

Diethylphthalate

Concen: 47.621 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

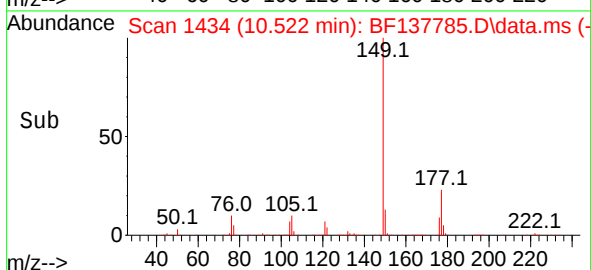
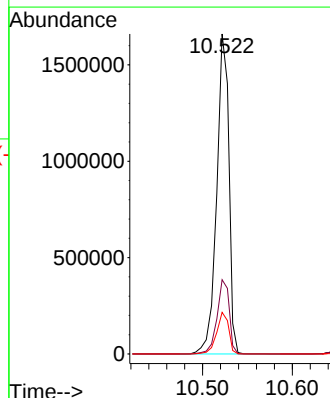
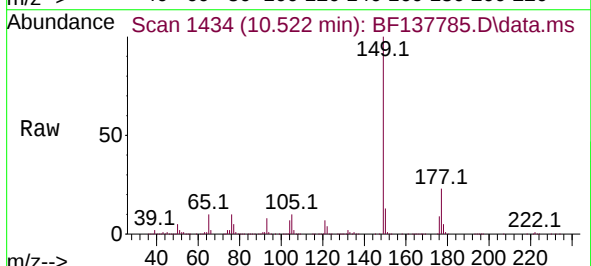
Tgt Ion:149 Resp: 1565866

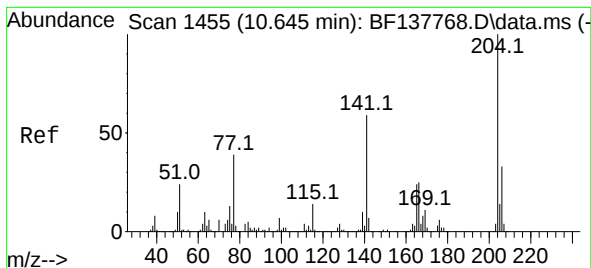
Ion Ratio Lower Upper

149 100

177 23.2 18.4 27.6

150 13.0 10.5 15.7





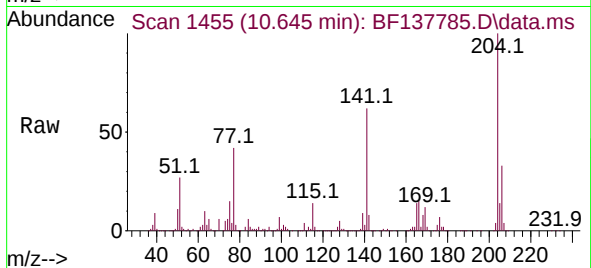
#61
4-Chlorophenyl-phenylether
Concen: 45.678 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

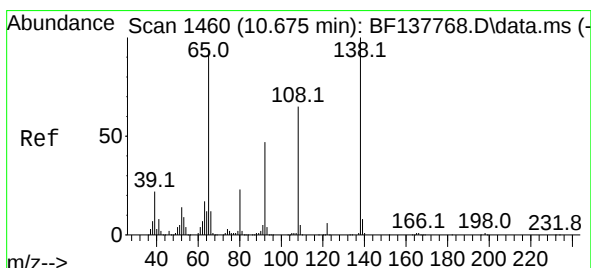
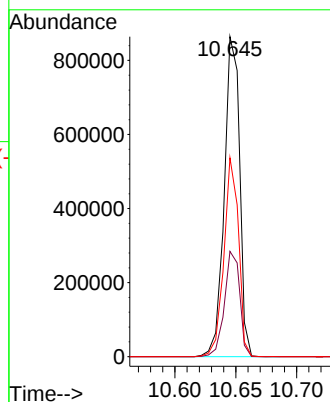
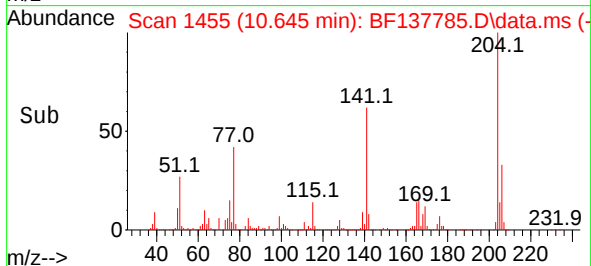


Tgt Ion:204 Resp: 759472
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 62.1 47.0 70.6

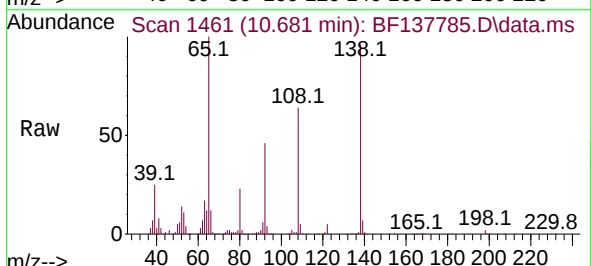
Manual Integrations

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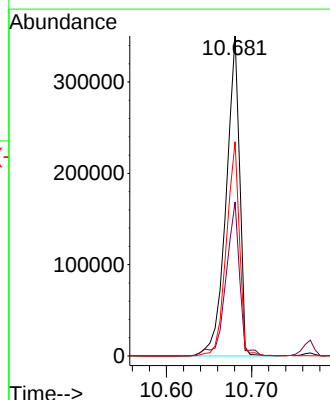
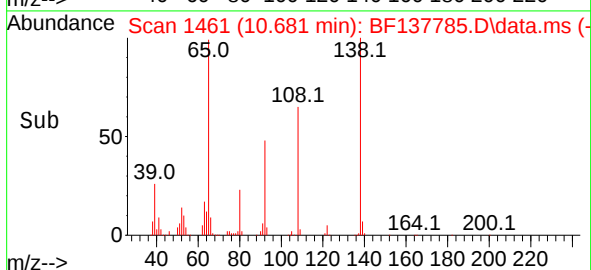
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

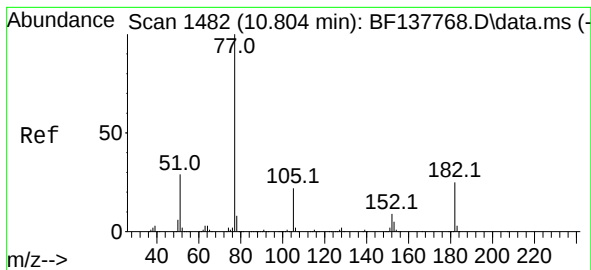


#62
4-Nitroaniline
Concen: 46.018 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion:138 Resp: 386746
Ion Ratio Lower Upper
138 100
92 48.1 26.8 66.8
108 66.9 44.7 84.7





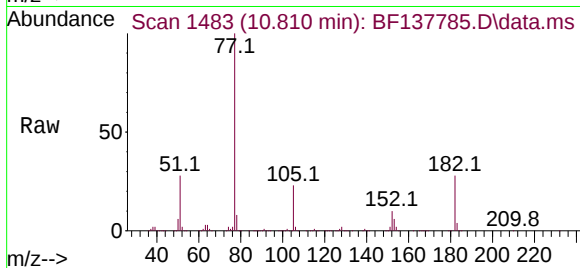
#63
Azobenzene
Concen: 46.469 ng
RT: 10.810 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

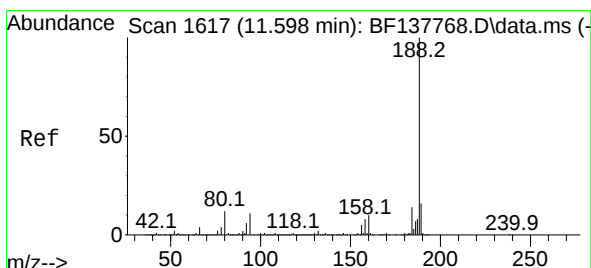
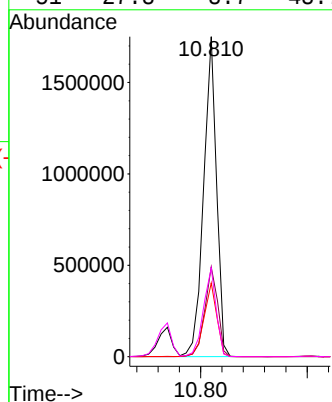
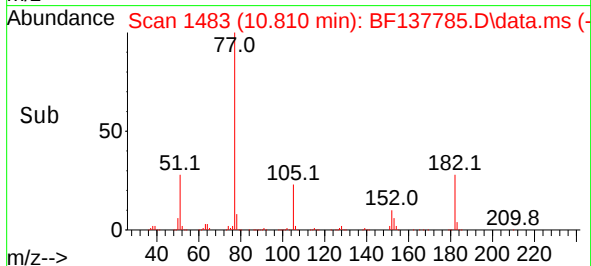


Tgt Ion: 77 Resp: 1476800
Ion Ratio Lower Upper
77 100
182 28.1 5.1 45.1
105 23.0 2.2 42.2
51 27.8 8.7 48.7

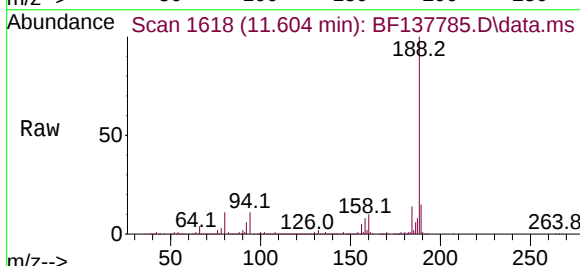
Manual Integrations

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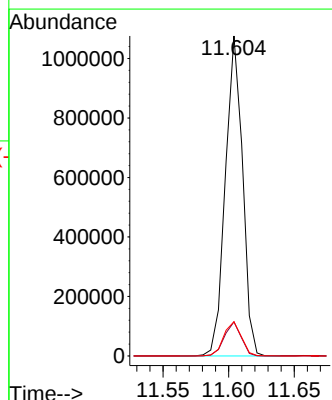
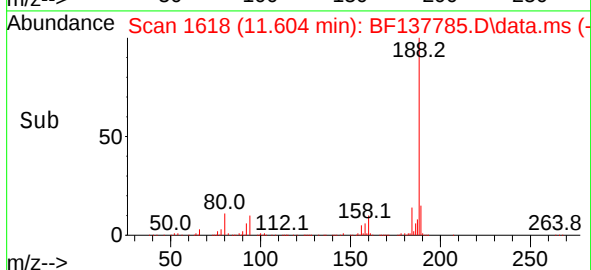
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

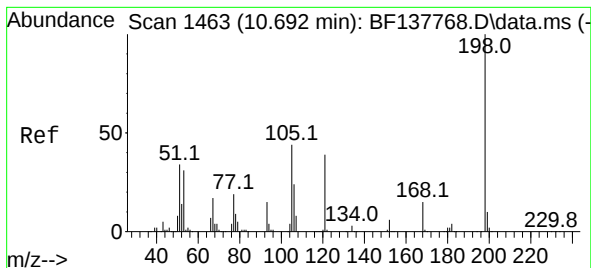


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



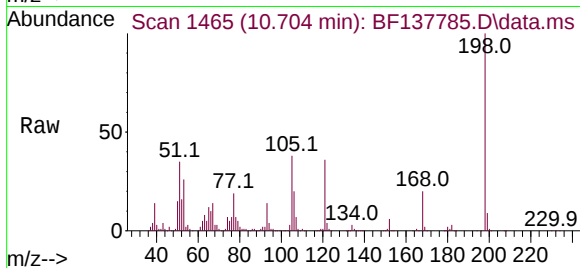
Tgt Ion:188 Resp: 978498
Ion Ratio Lower Upper
188 100
94 10.7 8.8 13.2
80 10.7 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.409 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

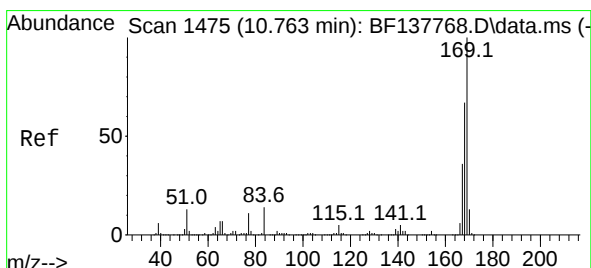
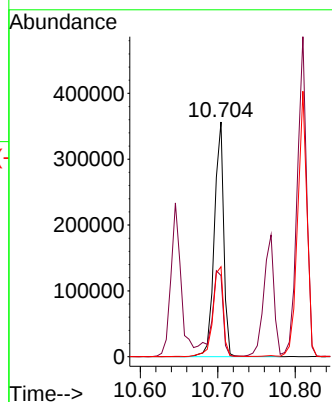
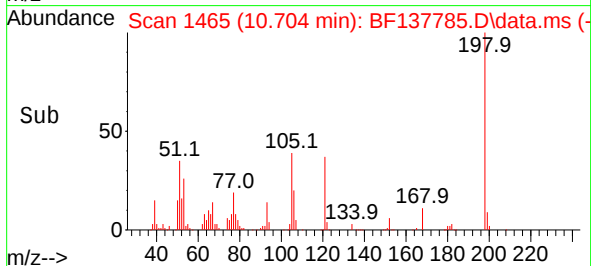
Instrument :
BNA_F
ClientSampleId :
PB160574BS



Tgt Ion:198 Resp: 29995
Ion Ratio Lower Upper
198 100
51 34.6 25.1 65.1
105 38.3 24.1 64.1

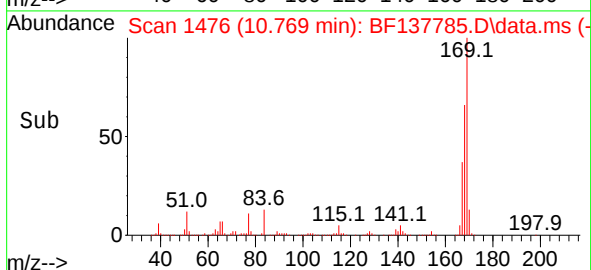
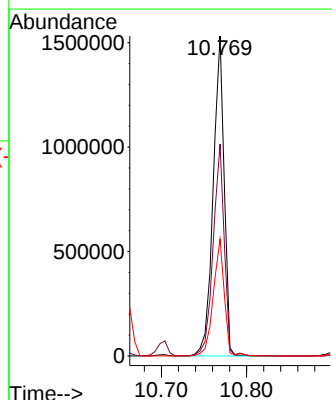
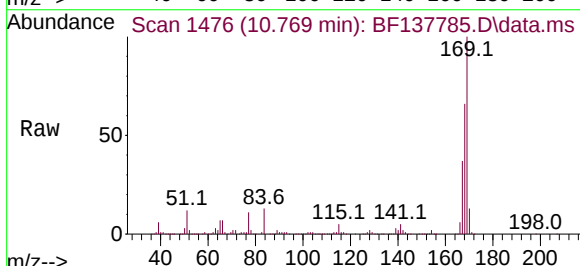
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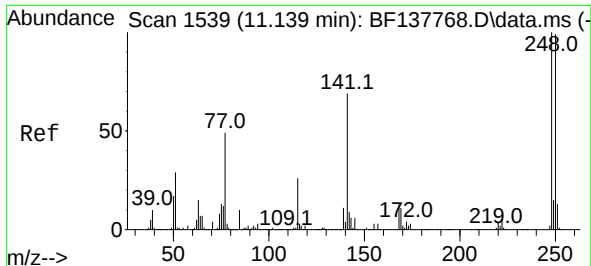
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 47.071 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

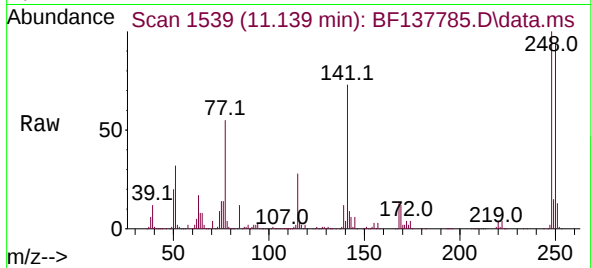
Tgt Ion:169 Resp: 1378707
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.846 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

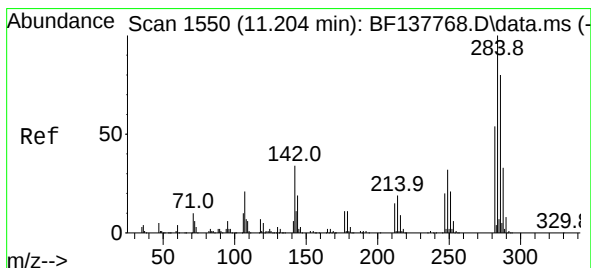
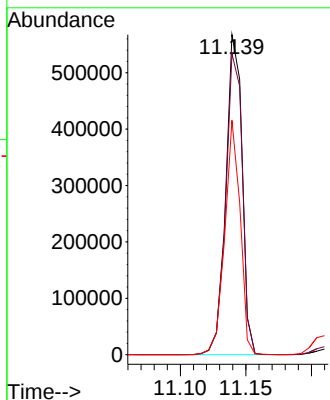
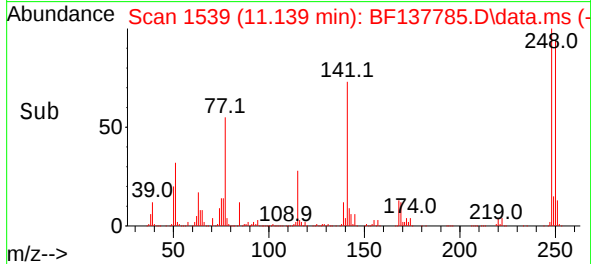
Instrument :
BNA_F
ClientSampleId :
PB160574BS



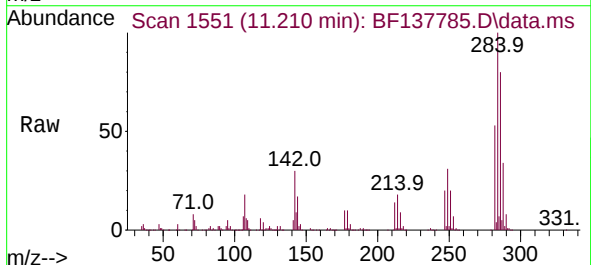
Tgt Ion:248 Resp: 490572
Ion Ratio Lower Upper
248 100
250 94.1 79.1 118.7
141 73.3 55.4 83.2

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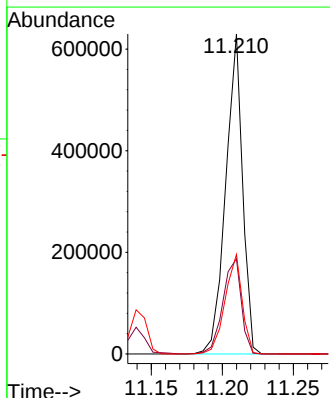
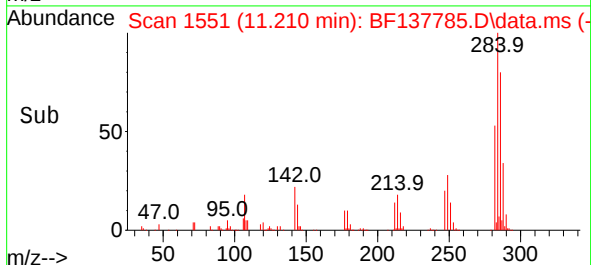
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

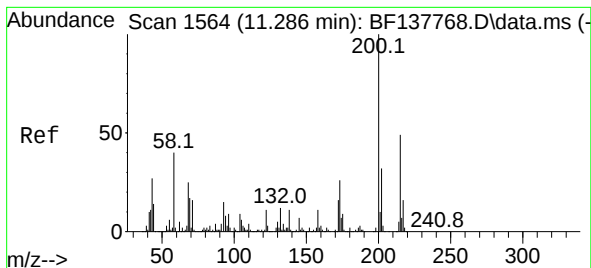


#68
Hexachlorobenzene
Concen: 45.400 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion:284 Resp: 519558
Ion Ratio Lower Upper
284 100
142 29.8 27.3 40.9
249 31.1 25.6 38.4





#69

Atrazine

Concen: 51.001 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:200 Resp: 45548

Ion Ratio Lower Upper

200 100

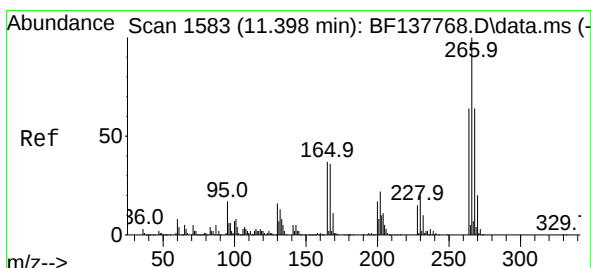
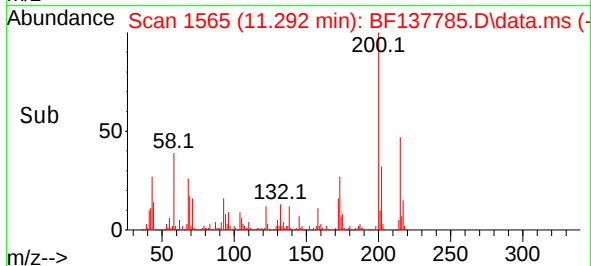
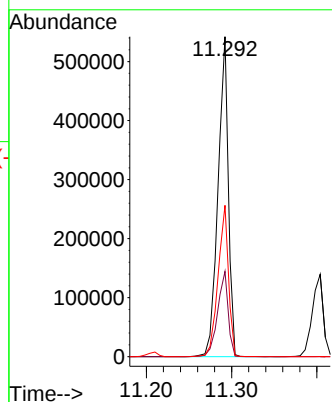
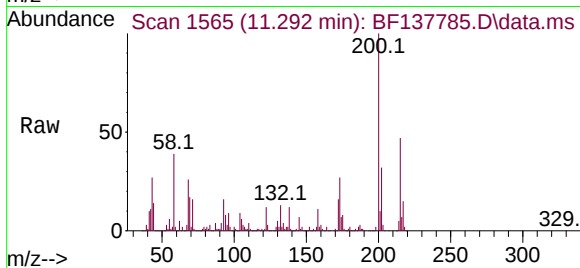
173 26.6 5.9 45.9

215 47.3 28.8 68.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 89.094 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

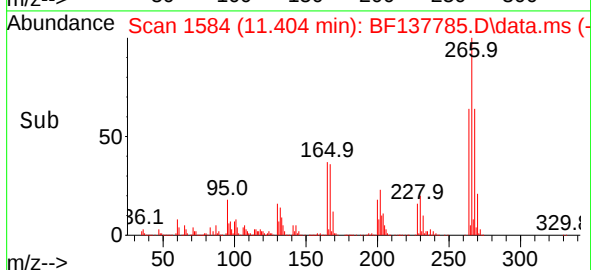
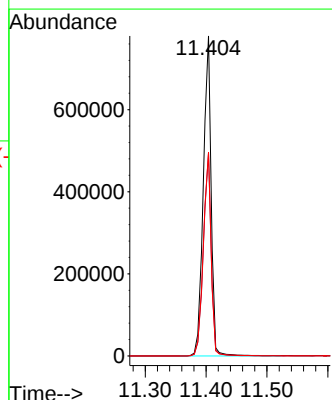
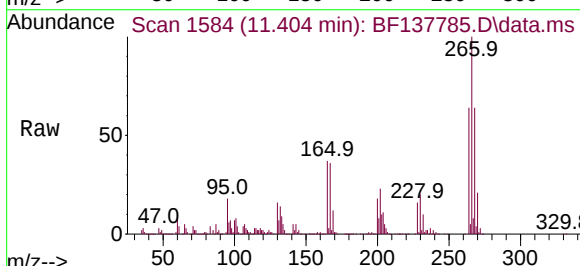
Tgt Ion:266 Resp: 699989

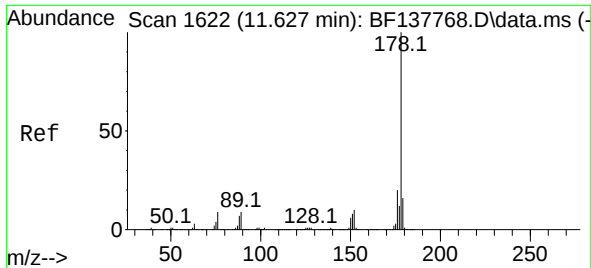
Ion Ratio Lower Upper

266 100

268 63.6 51.3 76.9

264 63.6 51.0 76.4





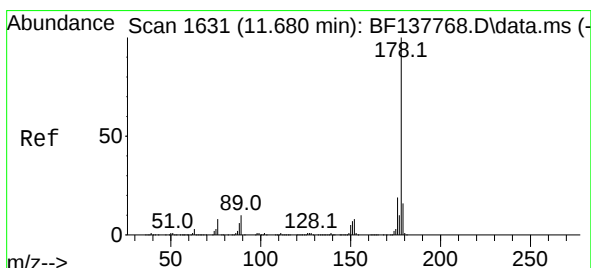
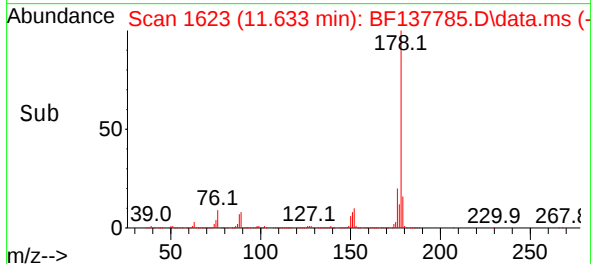
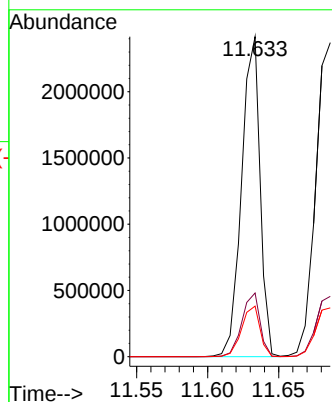
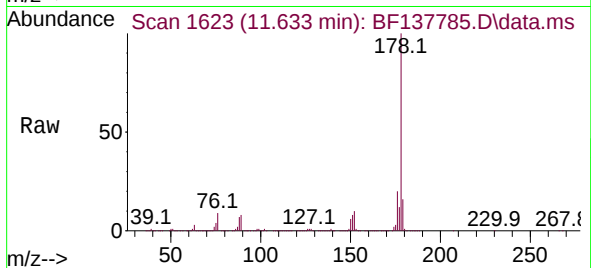
#71
Phenanthrene
Concen: 45.822 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB160574BS

Tgt Ion:178 Resp: 218543
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.8 12.5 18.7

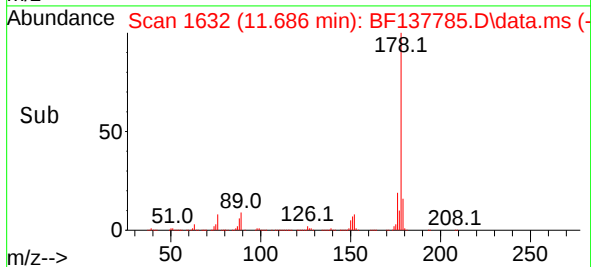
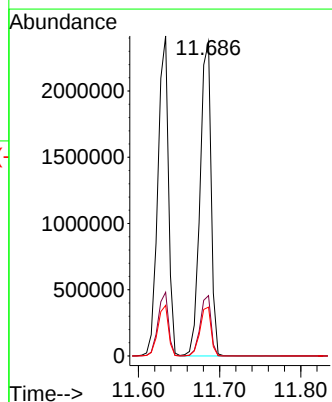
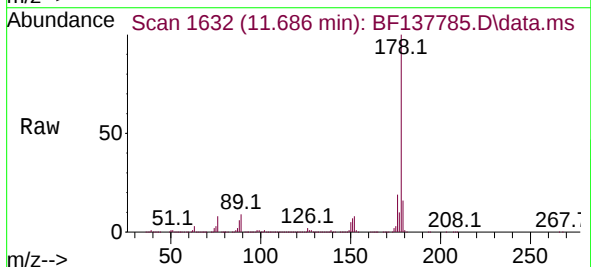
Manual Integrations
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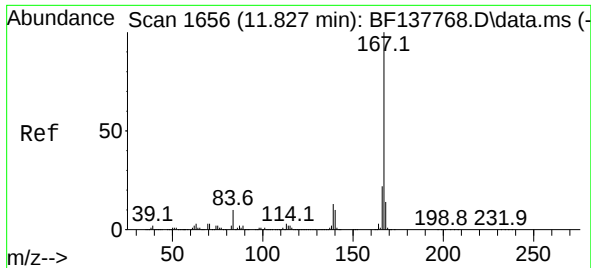
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#72
Anthracene
Concen: 47.261 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

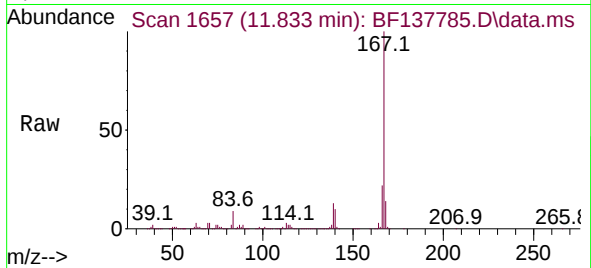
Tgt Ion:178 Resp: 2242744
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 46.037 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137785.D
 Acq: 01 May 2024 11:11

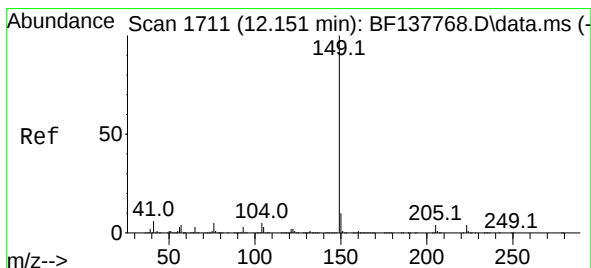
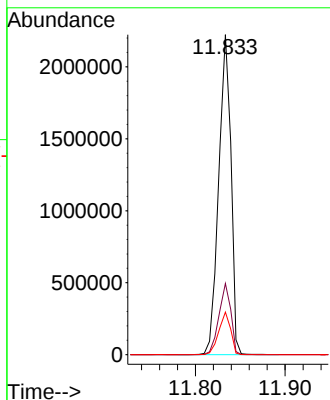
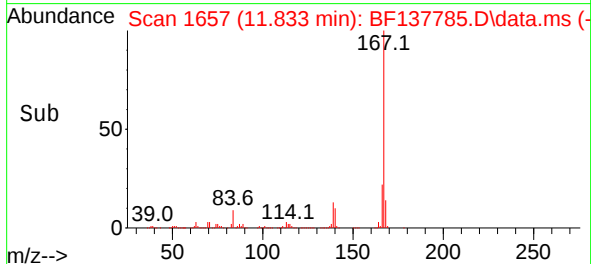
Instrument :
 BNA_F
 ClientSampleId :
 PB160574BS



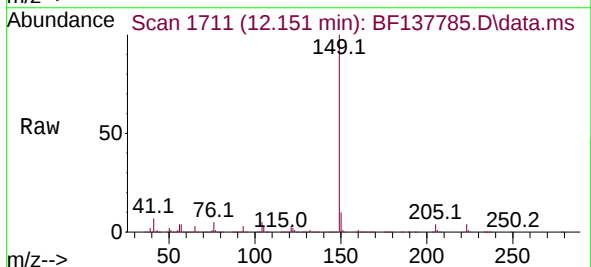
Tgt Ion:167 Resp: 210545
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 10.5 15.7

Manual Integrations
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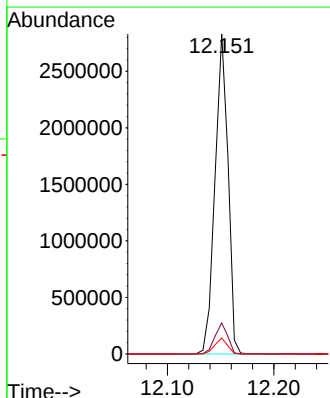
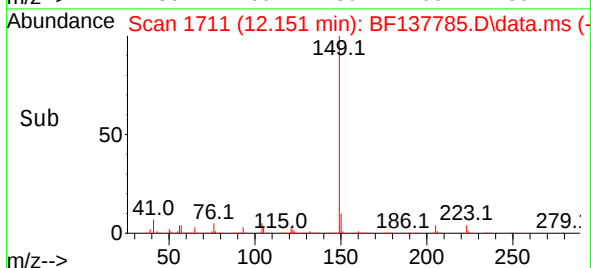
Reviewed By :Jagrut Upadhyay 05/02/2024
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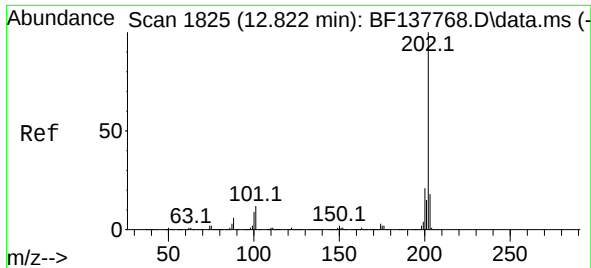


#74
 Di-n-butylphthalate
 Concen: 48.107 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BF137785.D
 Acq: 01 May 2024 11:11



Tgt Ion:149 Resp: 2400007
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.0 3.8 5.8





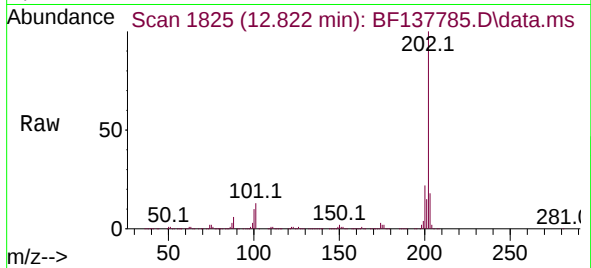
#75
Fluoranthene
Concen: 44.797 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

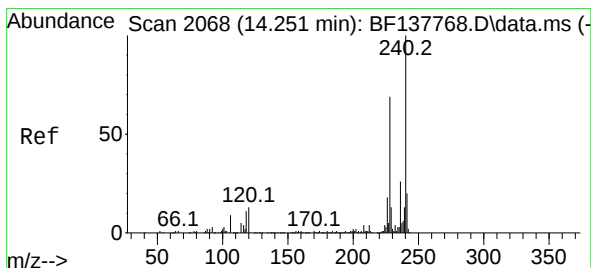
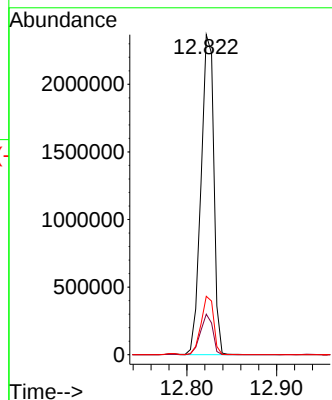
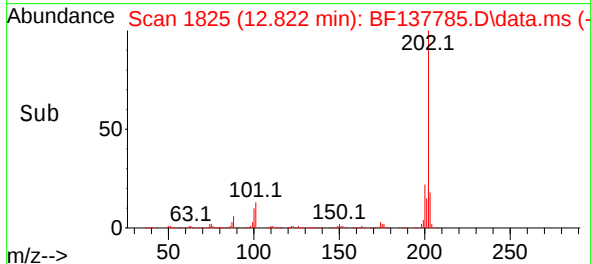


Tgt Ion:202 Resp: 233544
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.8
203 18.2 0.0 37.8

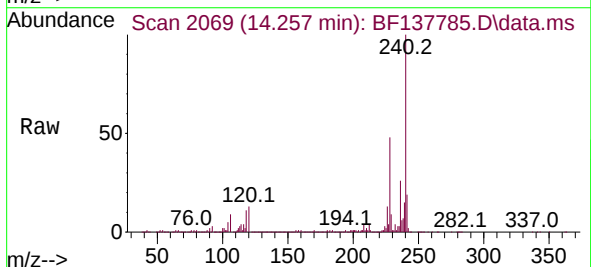
Manual Integrations

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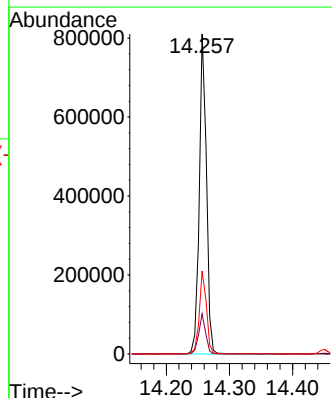
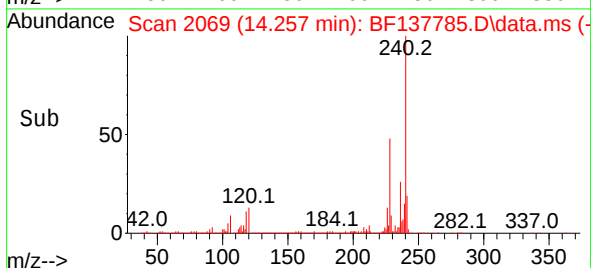
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

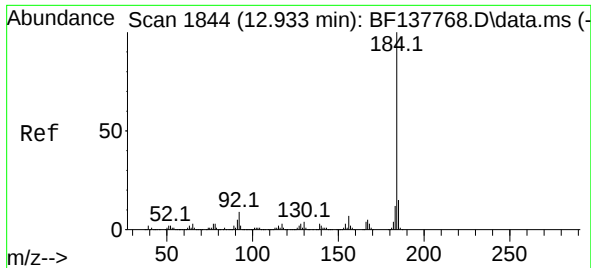


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



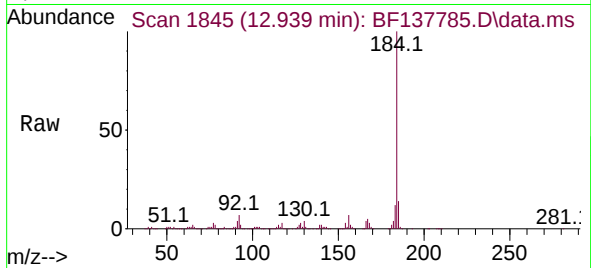
Tgt Ion:240 Resp: 633027
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.9 20.4 30.6





#77
Benzidine
Concen: 29.371 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

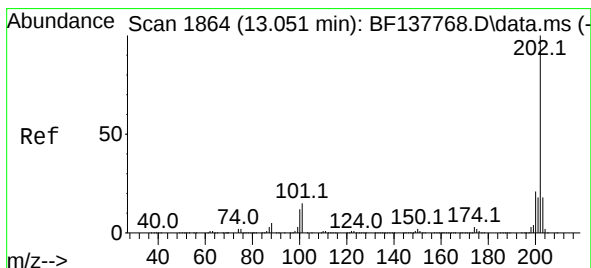
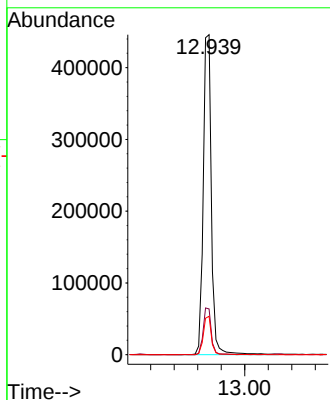
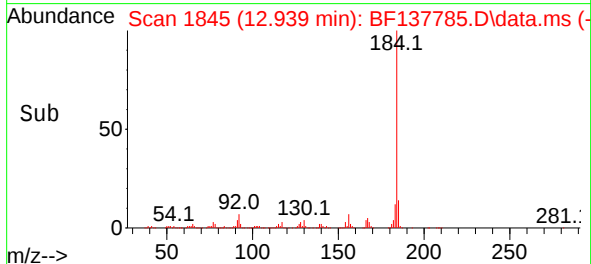
Instrument :
BNA_F
ClientSampleId :
PB160574BS



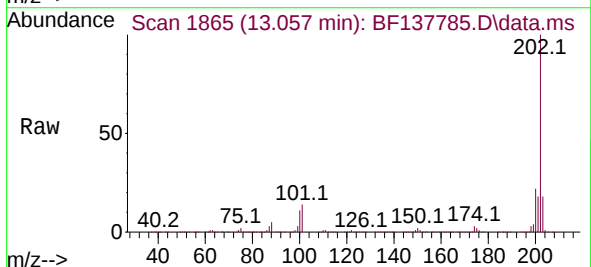
Tgt Ion:184 Resp: 430002
Ion Ratio Lower Upper
184 100
185 14.3 12.3 18.5
183 12.0 9.2 13.8

Manual Integrations
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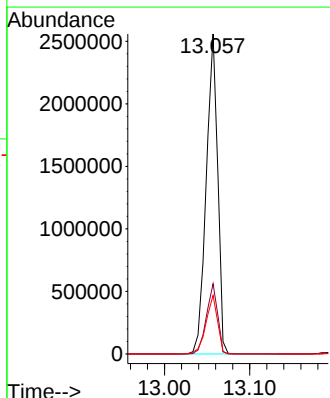
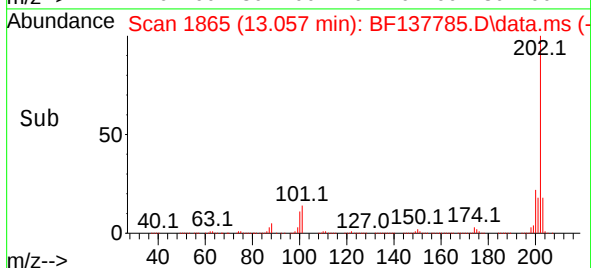
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

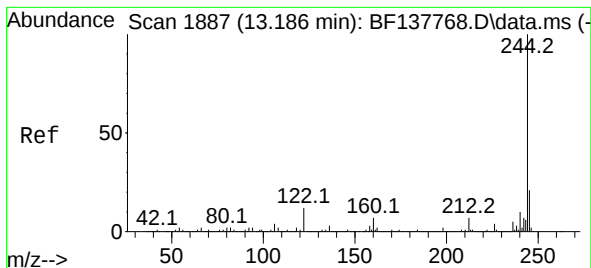


#78
Pyrene
Concen: 47.400 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion:202 Resp: 2379088
Ion Ratio Lower Upper
202 100
200 22.0 17.2 25.8
203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 86.512 ng

RT: 13.192 min Scan# 1887

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:244 Resp: 326785

Ion Ratio Lower Upper

244 100

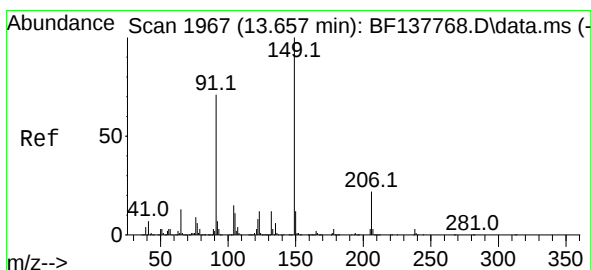
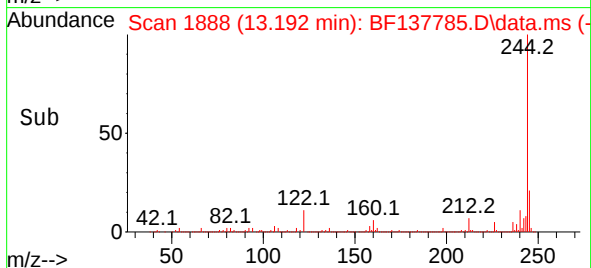
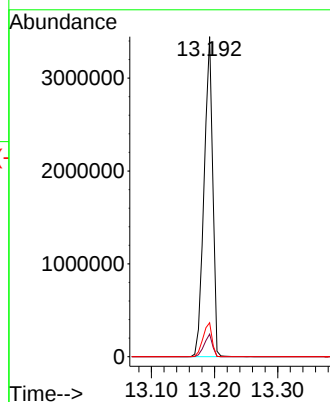
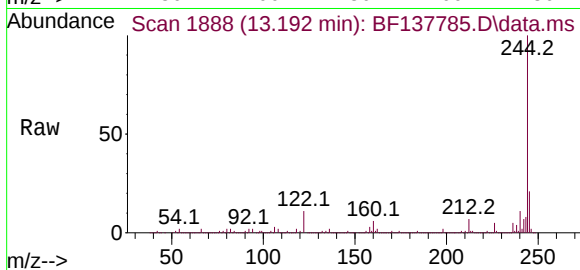
212 7.0 5.5 8.3

122 10.6 9.4 14.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 57.212 ng

RT: 13.663 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

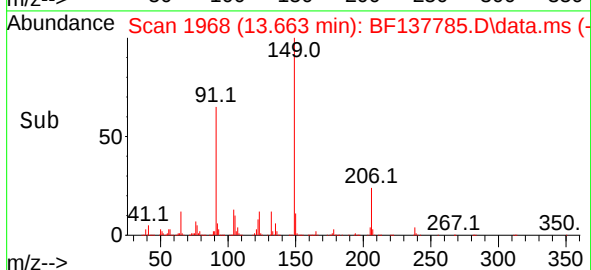
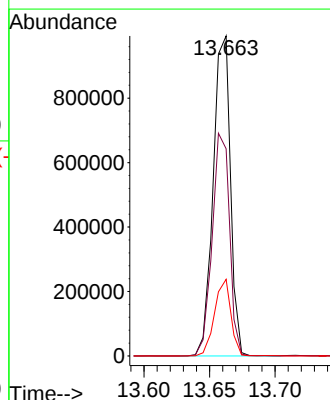
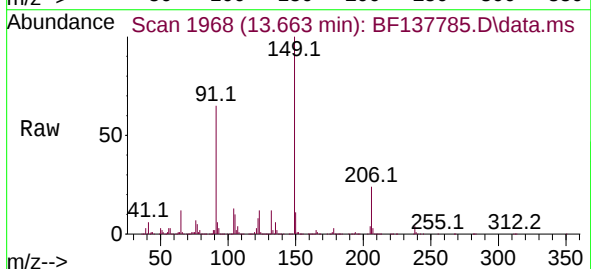
Tgt Ion:149 Resp: 911093

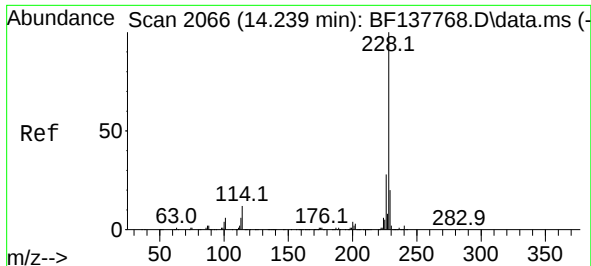
Ion Ratio Lower Upper

149 100

91 64.8 56.8 85.2

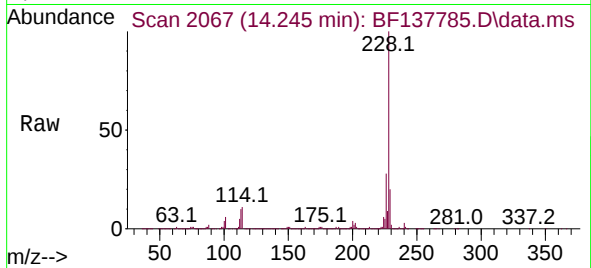
206 24.0 17.8 26.8





#81
Benzo(a)anthracene
Concen: 49.552 ng
RT: 14.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

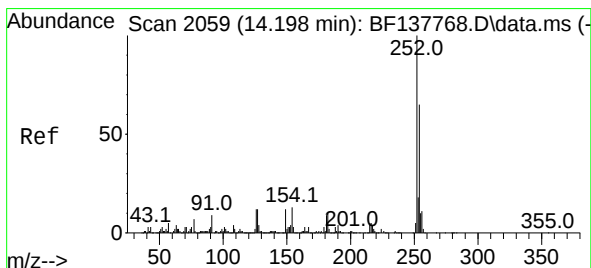
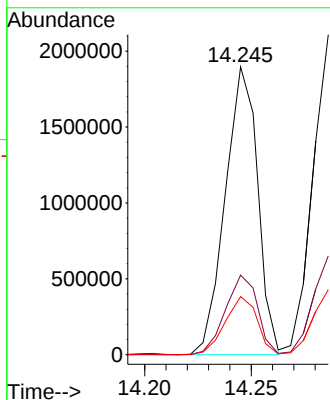
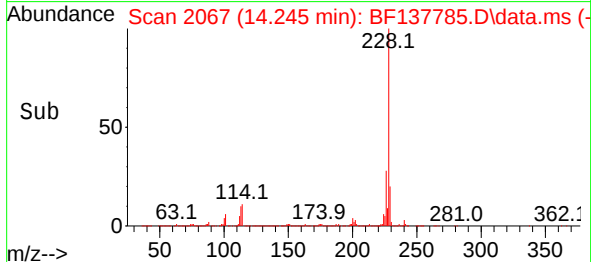
Instrument :
BNA_F
ClientSampleId :
PB160574BS



Tgt Ion:228 Resp: 200627
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.2 16.3 24.5

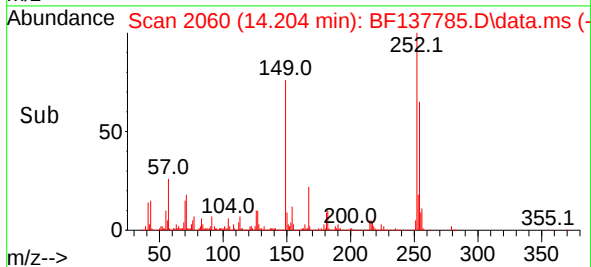
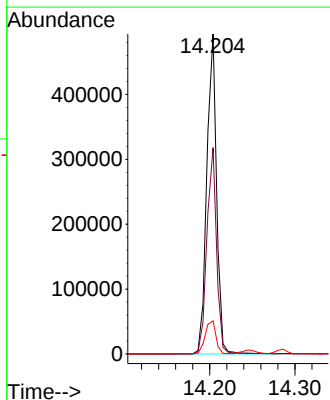
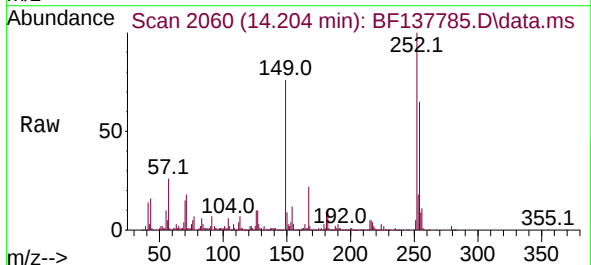
Manual Integrations
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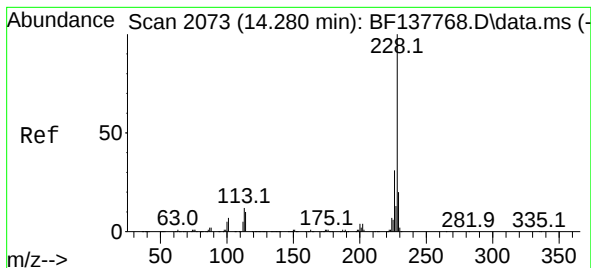
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.382 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Tgt Ion:252 Resp: 392494
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 10.4 9.7 14.5





#83

Chrysene

Concen: 48.833 ng

RT: 14.286 min Scan# 2074

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:228 Resp: 1851254

Ion Ratio Lower Upper

228 100

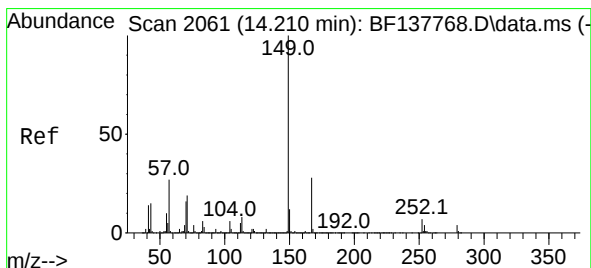
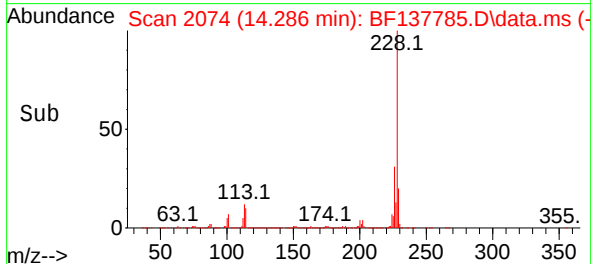
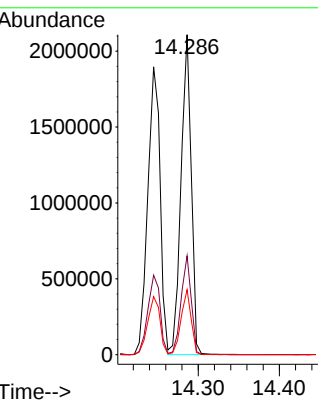
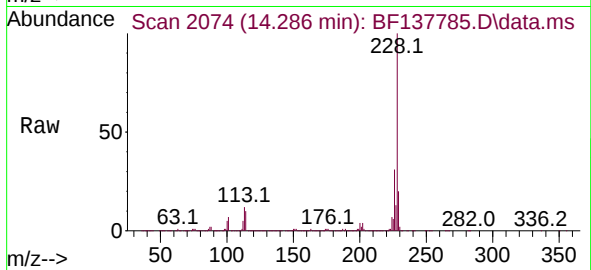
226 30.9 24.8 37.2

229 20.3 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.941 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

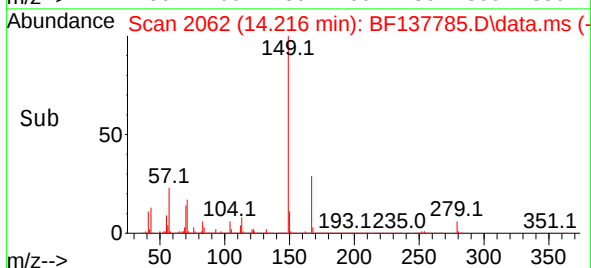
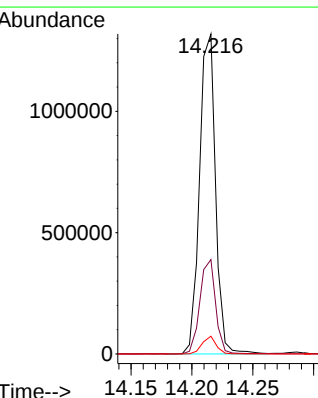
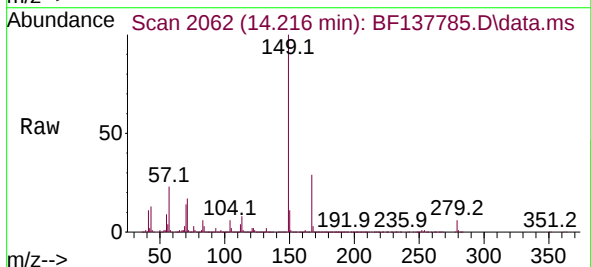
Tgt Ion:149 Resp: 1203005

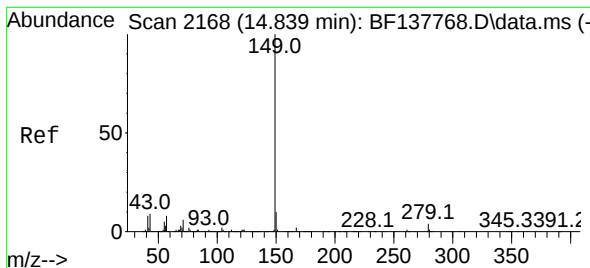
Ion Ratio Lower Upper

149 100

167 29.5 22.4 33.6

279 5.5 3.6 5.4#





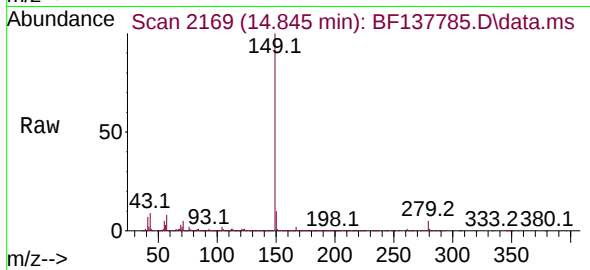
#85
Di-n-octyl phthalate
Concen: 68.054 ng
RT: 14.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

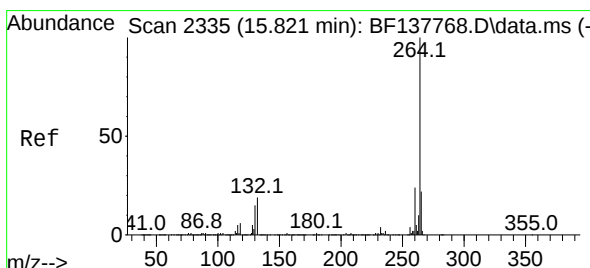
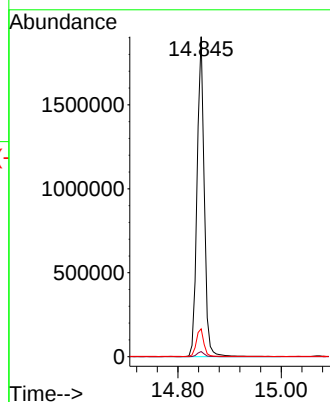
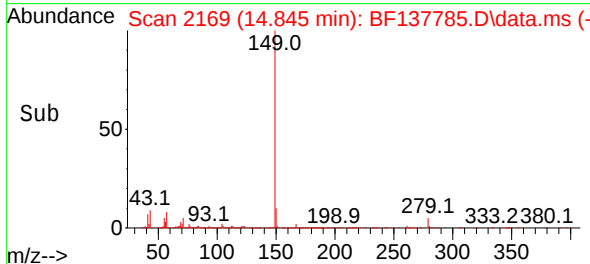


Tgt Ion:149 Resp: 183815
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.5 11.3

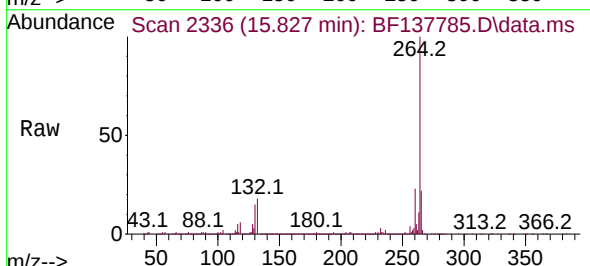
Manual Integrations

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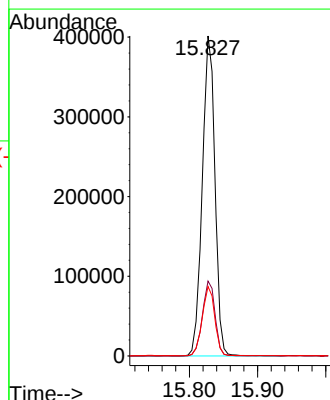
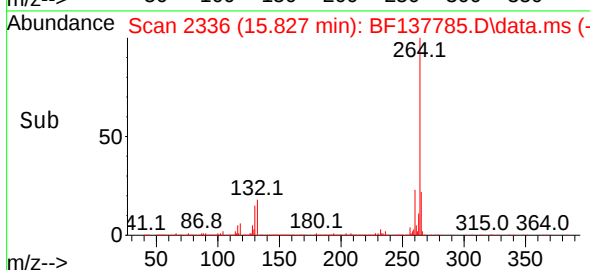
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

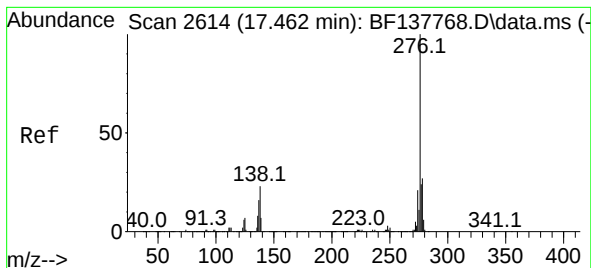


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 2336
Delta R.T. 0.006 min
Lab File: BF137785.D
Acq: 01 May 2024 11:11



Tgt Ion:264 Resp: 518719
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.648 ng

RT: 17.474 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:276 Resp: 146416

Ion Ratio Lower Upper

276 100

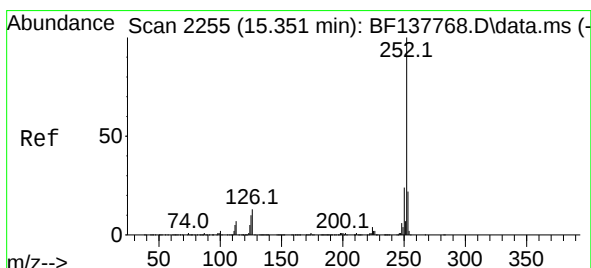
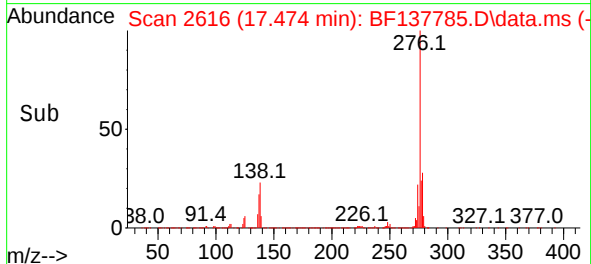
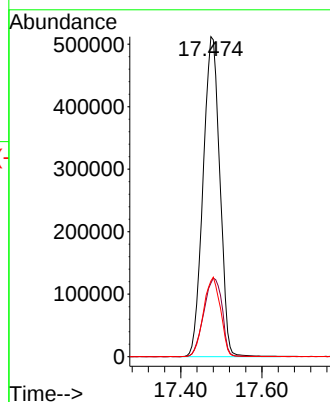
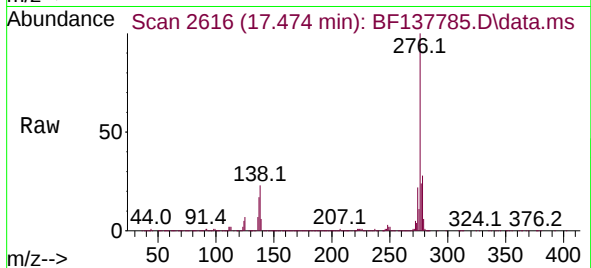
138 26.8 21.4 32.0

277 25.3 20.1 30.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 51.413 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

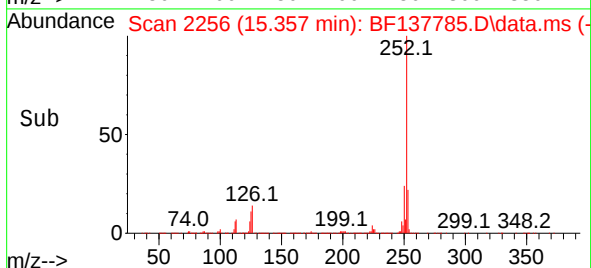
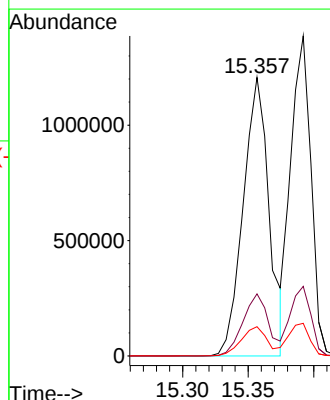
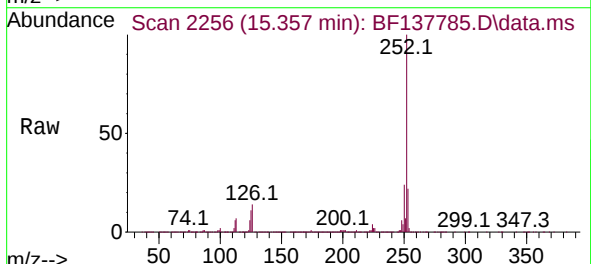
Tgt Ion:252 Resp: 1659270

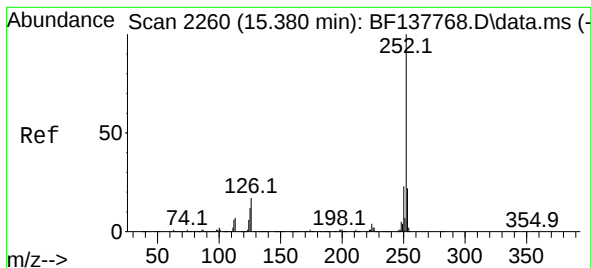
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.848 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:252 Resp: 1492539

Ion Ratio Lower Upper

252 100

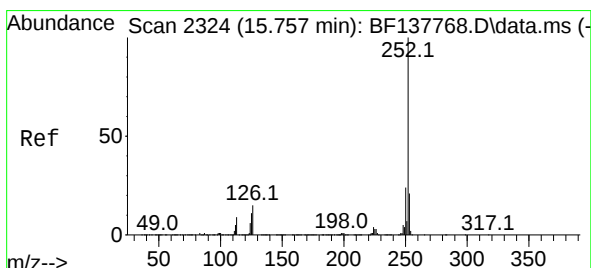
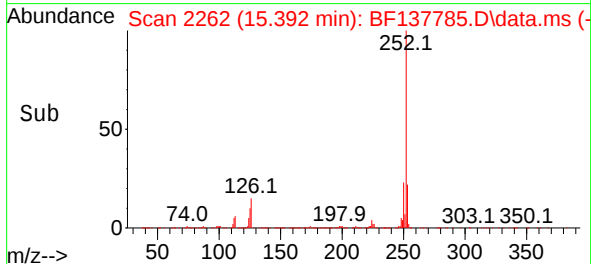
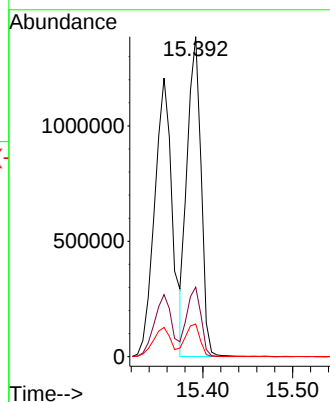
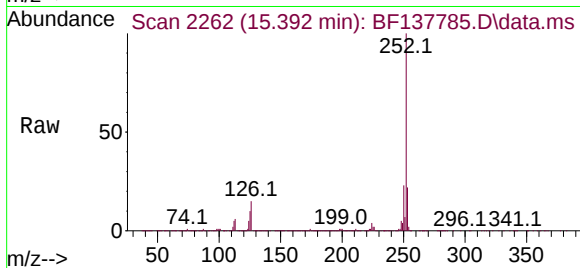
253 21.8 17.5 26.3

125 10.2 9.0 13.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 52.408 ng

RT: 15.763 min Scan# 2325

Delta R.T. 0.006 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

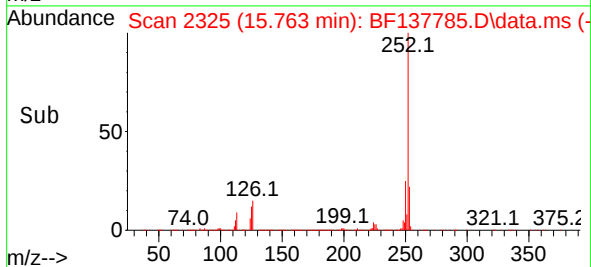
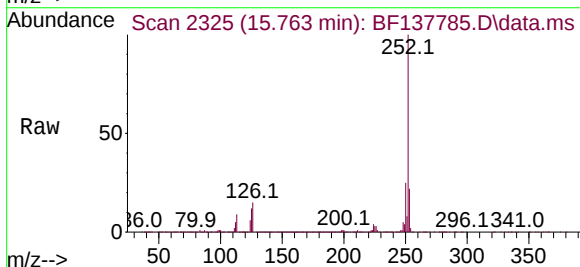
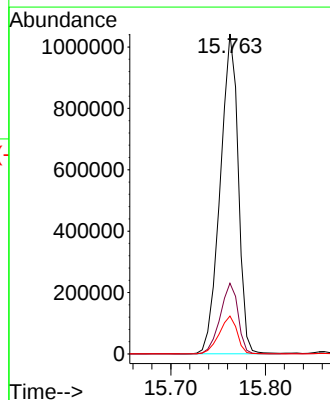
Tgt Ion:252 Resp: 1379881

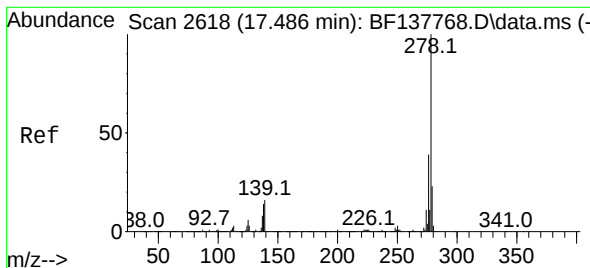
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.167 ng

RT: 17.498 min Scan# 2702

Delta R.T. 0.012 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB160574BS

Tgt Ion:278 Resp: 1180230

Ion Ratio Lower Upper

278 100

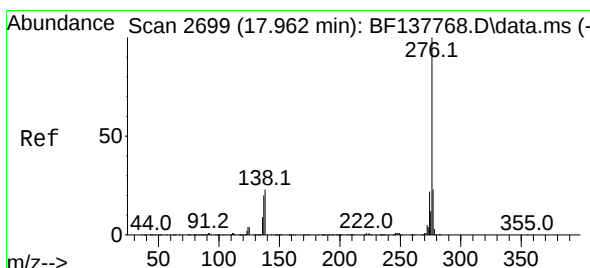
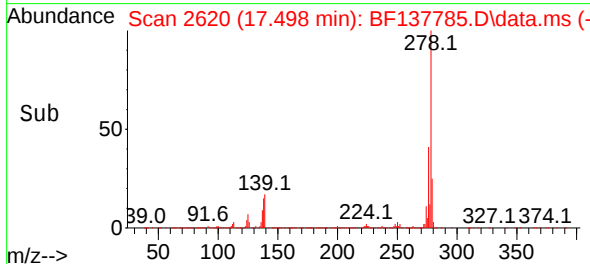
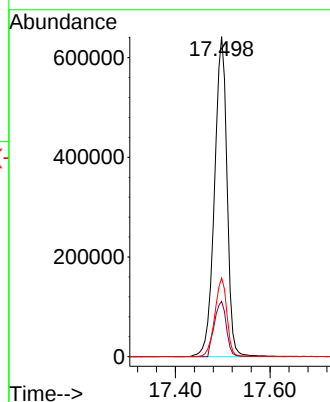
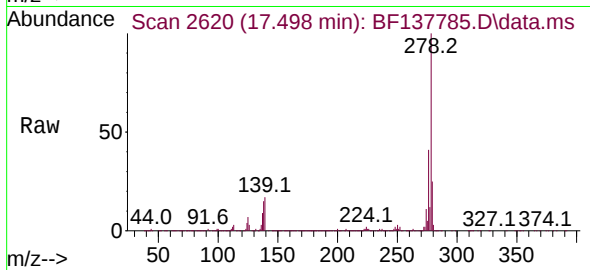
139 17.3 13.0 19.6

279 24.6 18.7 28.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#92

Benzo(g,h,i)perylene

Concen: 45.477 ng

RT: 17.980 min Scan# 2702

Delta R.T. 0.018 min

Lab File: BF137785.D

Acq: 01 May 2024 11:11

Tgt Ion:276 Resp: 1144396

Ion Ratio Lower Upper

276 100

277 23.3 18.0 27.0

138 22.2 18.1 27.1

