

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137789.D
 Acq On : 01 May 2024 13:13
 Operator : CG\JU
 Sample : PB160608BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160608BS

Manual Integrations
 APPROVED

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

Quant Time: May 01 13:39:15 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	222851	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	896945	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	507738	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	905737	20.000	ng	0.00
76) Chrysene-d12	14.257	240	575011	20.000	ng	0.00
86) Perylene-d12	15.827	264	495872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1702534	127.912	ng	0.02
7) Phenol-d6	6.675	99	2114589	125.252	ng	0.00
23) Nitrobenzene-d5	7.622	82	1302546	84.370	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	691737	133.434	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2592028	82.822	ng	0.00
79) Terphenyl-d14	13.192	244	2993171	87.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	222454	37.115	ng	100
3) Pyridine	3.816	79	570890	39.355	ng	99
4) n-Nitrosodimethylamine	3.787	42	291453	44.618	ng	96
6) Aniline	6.722	93	537700	32.134	ng	98
8) 2-Chlorophenol	6.845	128	696947	48.048	ng	98
9) Benzaldehyde	6.610	77	22633	2.489	ng	96
10) Phenol	6.693	94	814678	47.093	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	611539	45.147	ng	96
12) 1,3-Dichlorobenzene	6.998	146	712519	43.560	ng	97
13) 1,4-Dichlorobenzene	7.075	146	726697	44.276	ng	99
14) 1,2-Dichlorobenzene	7.228	146	692730	44.812	ng	97
15) Benzyl Alcohol	7.192	79	570198	48.838	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	855306	44.923	ng	98
17) 2-Methylphenol	7.298	107	563644	48.157	ng	99
18) Hexachloroethane	7.575	117	250267	45.105	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	454519	45.049	ng	99
20) 3+4-Methylphenols	7.451	107	713906	46.361	ng	# 89
22) Acetophenone	7.469	105	921085	45.660	ng	98
24) Nitrobenzene	7.640	77	702180	44.130	ng	100
25) Isophorone	7.875	82	1262536	45.357	ng	99
26) 2-Nitrophenol	7.957	139	372423	51.686	ng	96
27) 2,4-Dimethylphenol	7.981	122	533022	51.384	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	748372	44.404	ng	98
29) 2,4-Dichlorophenol	8.192	162	591883	47.206	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	606078	44.341	ng	99
31) Naphthalene	8.363	128	1978265	44.381	ng	99
32) Benzoic acid	8.098	122	450747	50.368	ng	99
33) 4-Chloroaniline	8.404	127	257154	15.558	ng	98
34) Hexachlorobutadiene	8.475	225	357054	42.548	ng	100
35) Caprolactam	8.781	113	204345m	51.438	ng	
36) 4-Chloro-3-methylphenol	8.886	107	624685	47.776	ng	99
37) 2-Methylnaphthalene	9.057	142	1294204	44.855	ng	100
38) 1-Methylnaphthalene	9.157	142	1212928	42.729	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	613342	45.609	ng	99
41) Hexachlorocyclopentadiene	9.210	237	696908	127.589	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	443695	48.470	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	479577	47.447	ng	97
46) 1,1'-Biphenyl	9.522	154	1584654	45.477	ng	99
47) 2-Chloronaphthalene	9.551	162	1248068	44.365	ng	99
48) 2-Nitroaniline	9.645	65	380624	49.887	ng	94
49) Acenaphthylene	9.969	152	2013079	49.467	ng	100
50) Dimethylphthalate	9.822	163	1505314	46.963	ng	100
51) 2,6-Dinitrotoluene	9.886	165	342110	46.704	ng	90
52) Acenaphthene	10.145	154	1338115	49.606	ng	99
53) 3-Nitroaniline	10.057	138	219565	28.623	ng	99
54) 2,4-Dinitrophenol	10.163	184	399087	110.881	ng	93
55) Dibenzofuran	10.316	168	1794660	45.719	ng	99
56) 4-Nitrophenol	10.210	139	604107	95.020	ng	96
57) 2,4-Dinitrotoluene	10.292	165	475919	49.731	ng	97
58) Fluorene	10.663	166	1414468	45.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	398370	48.546	ng	100
60) Diethylphthalate	10.522	149	1402262	46.063	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	689824	44.814	ng	98
62) 4-Nitroaniline	10.681	138	353916	45.487	ng	98
63) Azobenzene	10.810	77	1344599	45.700	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	274499	52.802	ng	97
66) n-Nitrosodiphenylamine	10.769	169	1263664	46.609	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	443679	45.771	ng	98
68) Hexachlorobenzene	11.210	284	478009	45.125	ng	# 91
69) Atrazine	11.292	200	420146	50.823	ng	100
70) Pentachlorophenol	11.404	266	638279	87.766	ng	99
71) Phenanthrene	11.628	178	2042210	46.259	ng	100
72) Anthracene	11.680	178	2086406	47.498	ng	99
73) Carbazole	11.833	167	1918663	45.322	ng	99
74) Di-n-butylphthalate	12.151	149	2125661	46.031	ng	100
75) Fluoranthene	12.822	202	2155580	44.668	ng	100
77) Benzidine	12.933	184	413579	31.099	ng	99
78) Pyrene	13.057	202	2162767	47.438	ng	100
80) Butylbenzylphthalate	13.657	149	804306	55.602	ng	98
81) Benzo(a)anthracene	14.245	228	1802747	49.018	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	350515	31.836	ng	# 99
83) Chrysene	14.286	228	1667718	48.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1051541	57.680	ng	# 97
85) Di-n-octyl phthalate	14.845	149	1598616	65.157	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1422911	50.472	ng	99
88) Benzo(b)fluoranthene	15.357	252	1440145	46.679	ng	100
89) Benzo(k)fluoranthene	15.386	252	1407753	47.209	ng	99
90) Benzo(a)pyrene	15.763	252	1272666	50.563	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	1140171	49.686	ng	99
92) Benzo(g,h,i)perylene	17.980	276	1099184	45.693	ng	99

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

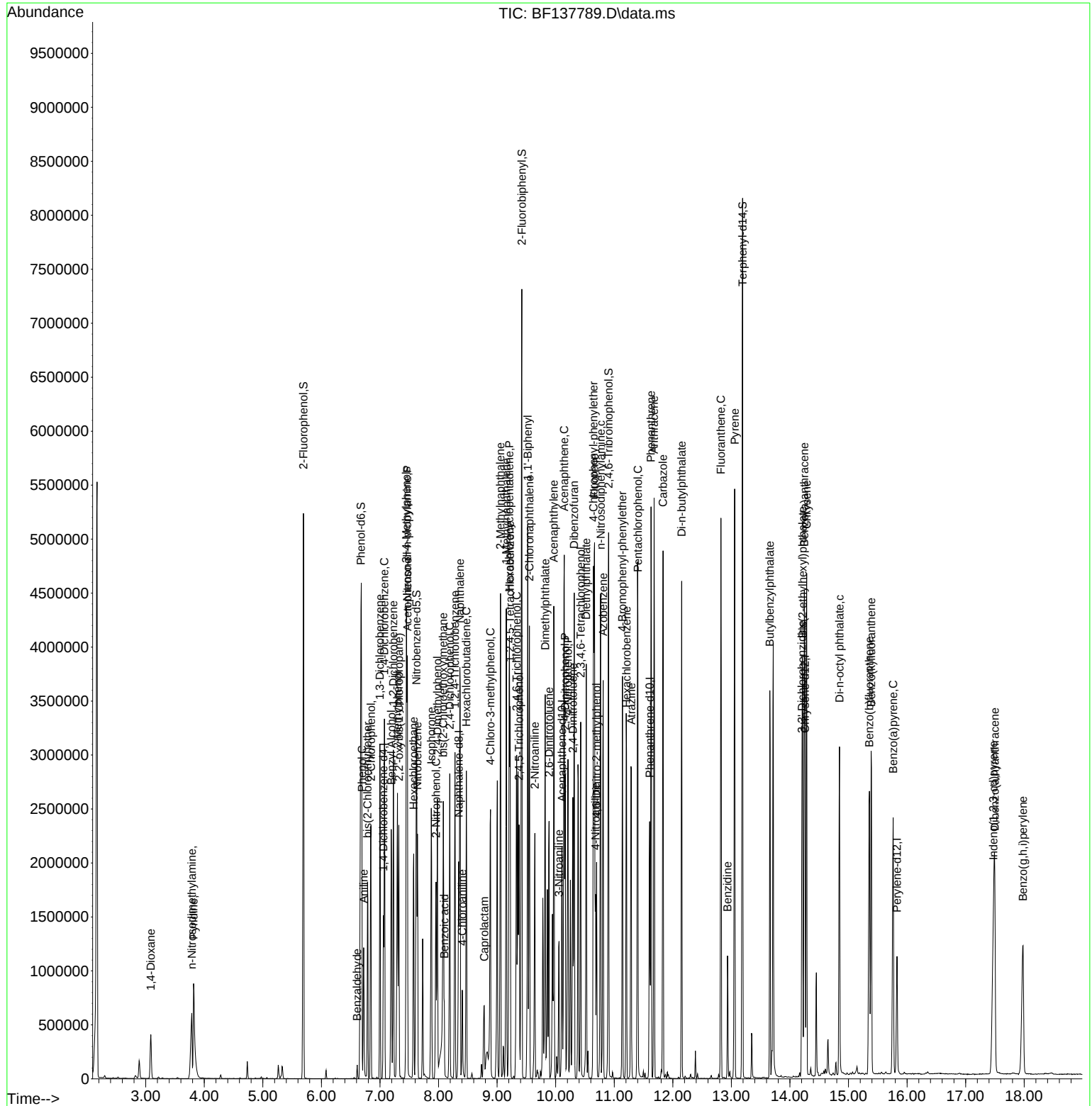
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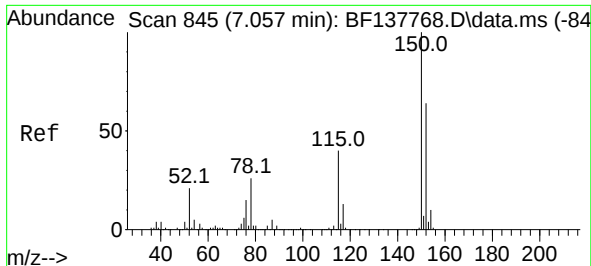
Instrument :
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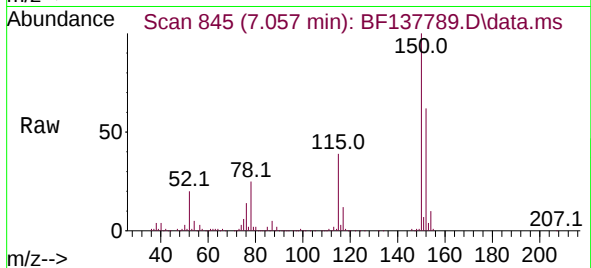
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

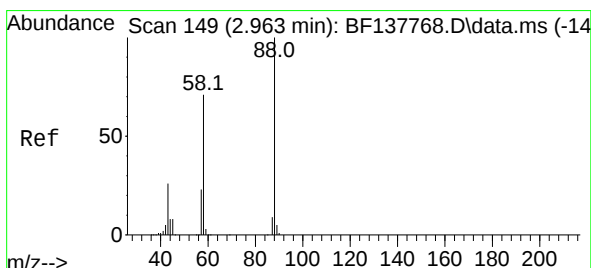
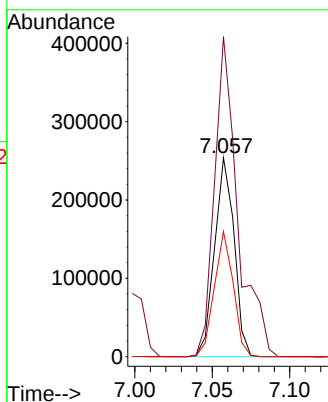
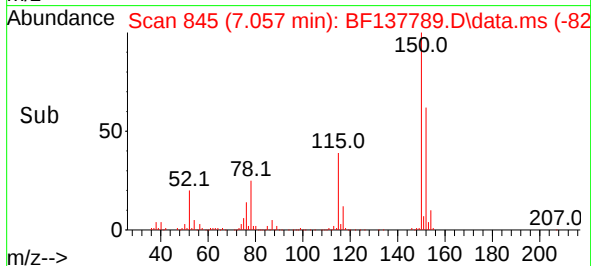


Tgt Ion:152 Resp: 22285
Ion Ratio Lower Upper
152 100
150 160.8 124.1 186.1
115 62.9 49.1 73.7

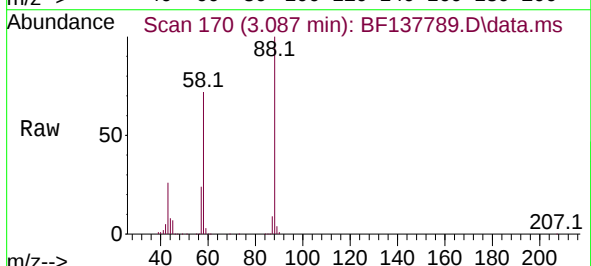
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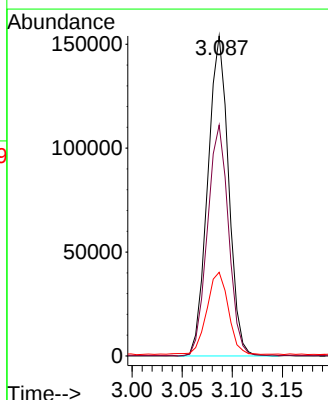
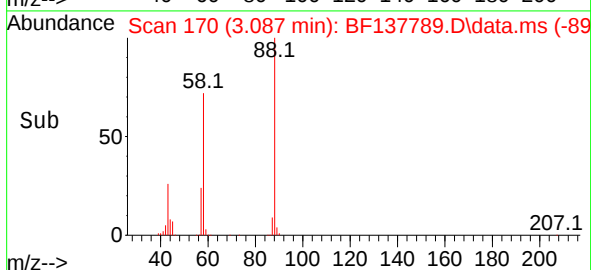
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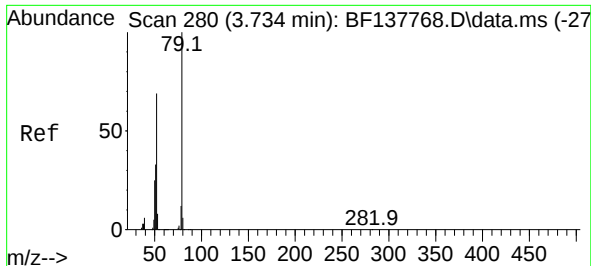


#2
1,4-Dioxane
Concen: 37.115 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.124 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion: 88 Resp: 222454
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 27.0 21.4 32.0





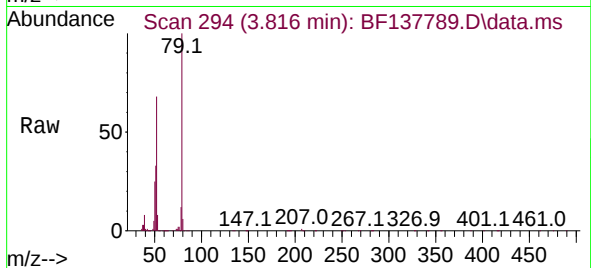
#3
Pyridine
Concen: 39.355 ng
RT: 3.816 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

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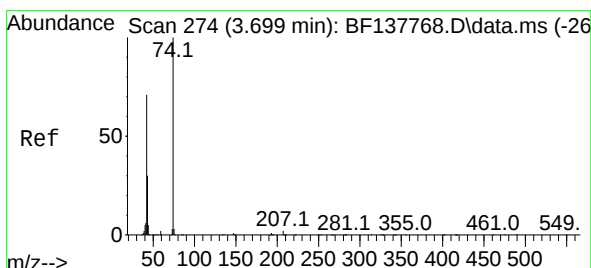
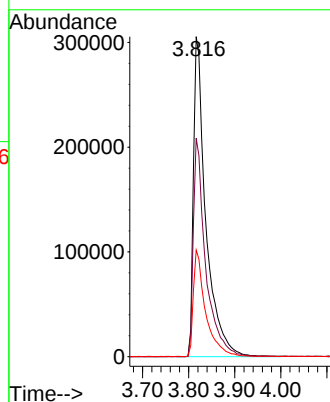
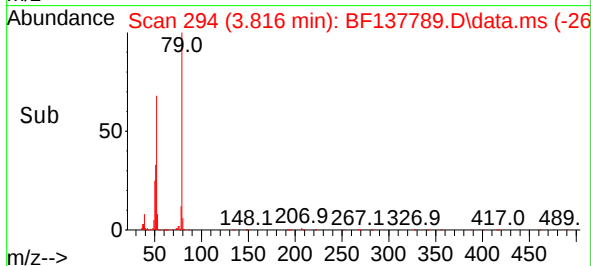


Tgt Ion: 79 Resp: 570890
Ion Ratio Lower Upper
79 100
52 68.2 55.5 83.3
51 33.3 26.9 40.3

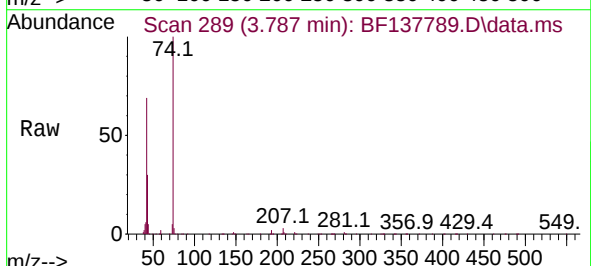
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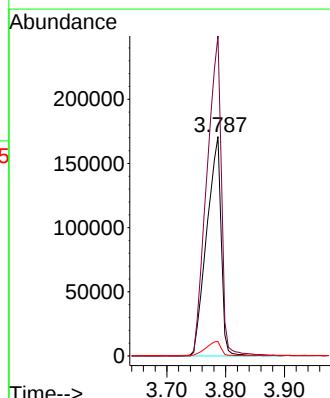
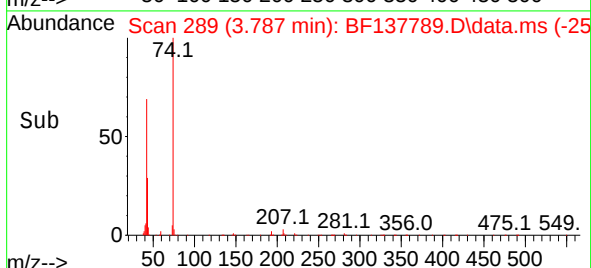
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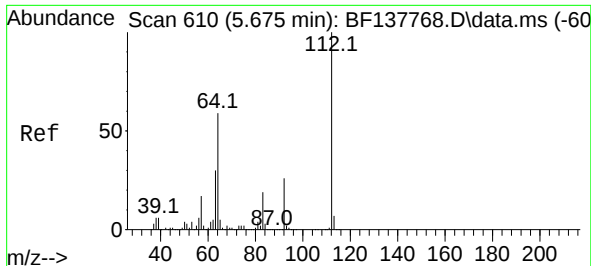


#4
n-Nitrosodimethylamine
Concen: 44.618 ng
RT: 3.787 min Scan# 289
Delta R.T. 0.088 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



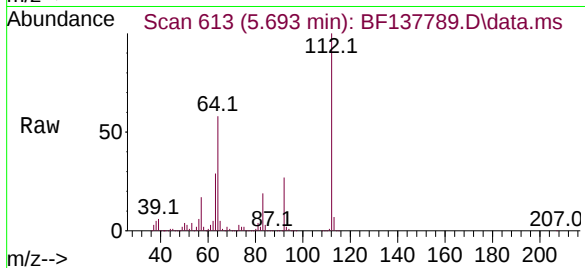
Tgt Ion: 42 Resp: 291453
Ion Ratio Lower Upper
42 100
74 145.9 112.9 169.3
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 127.912 ng
RT: 5.693 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

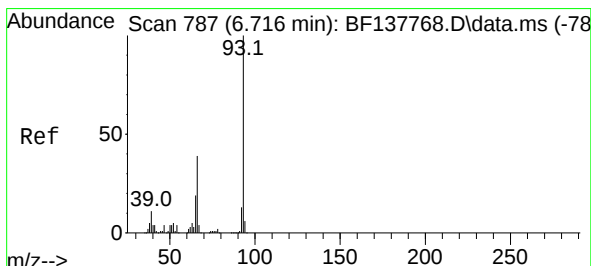
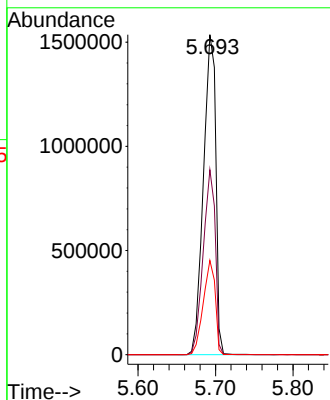
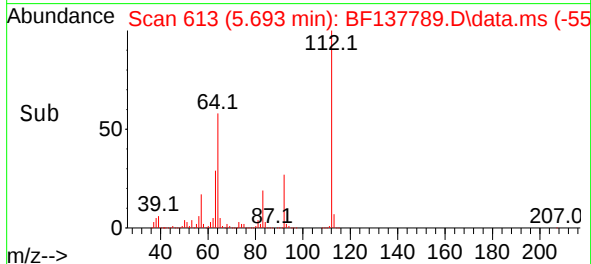
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1702534
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 29.5 23.7 35.5

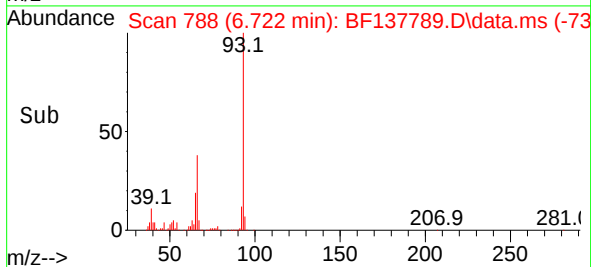
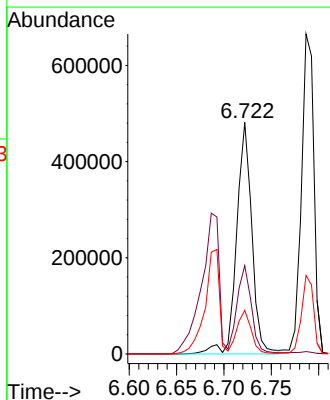
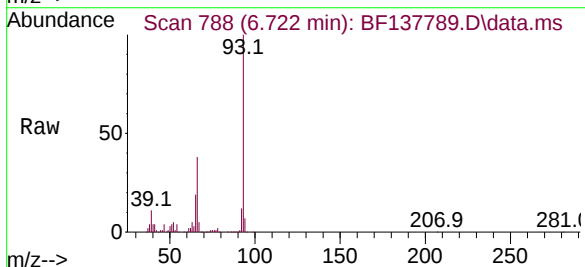
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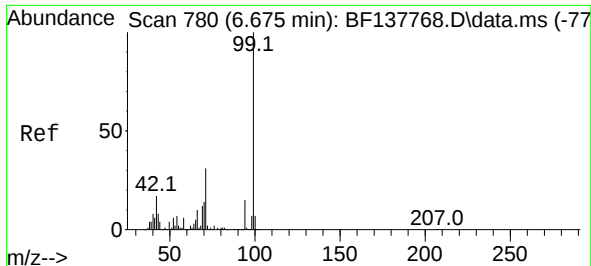
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 32.134 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

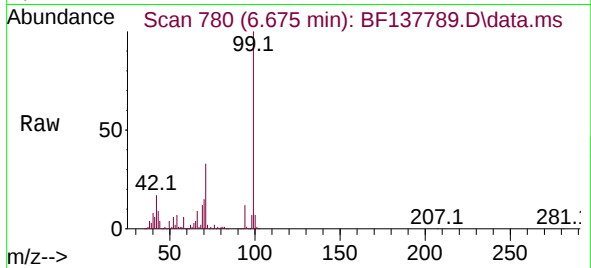
Tgt Ion: 93 Resp: 537700
Ion Ratio Lower Upper
93 100
66 38.1 31.8 47.6
65 18.8 15.4 23.2





#7
Phenol-d6
Concen: 125.252 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137789.D
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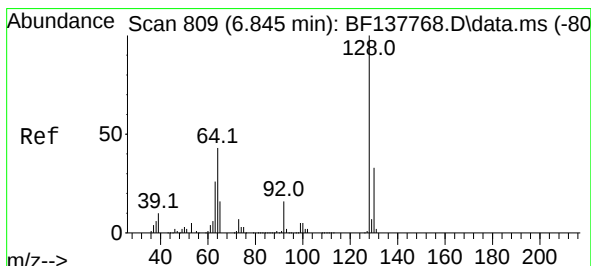
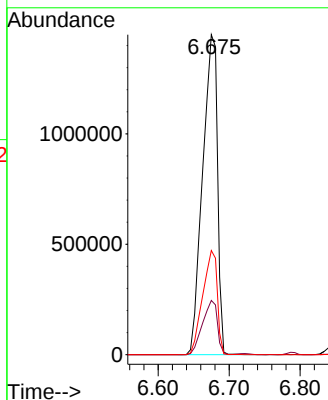
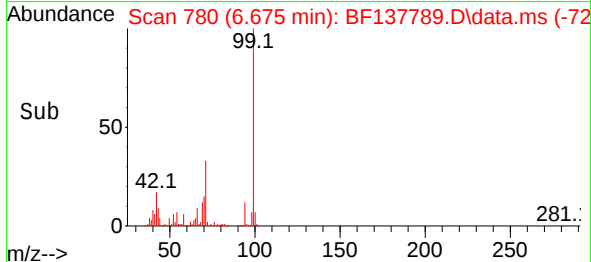
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Tgt Ion: 99 Resp: 2114589
Ion Ratio Lower Upper
99 100
42 17.0 13.2 19.8
71 32.6 25.0 37.4

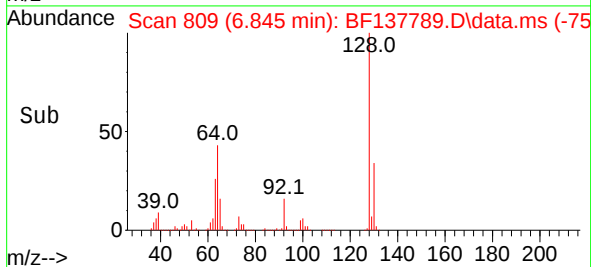
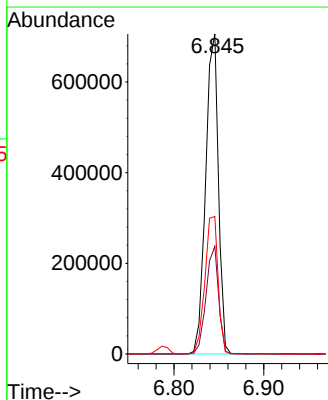
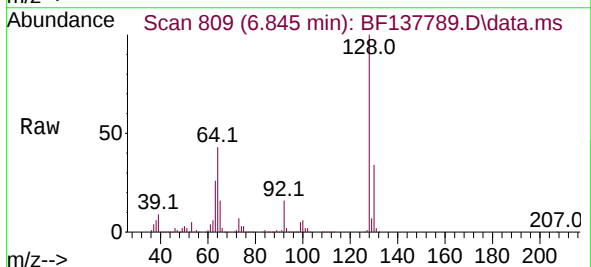
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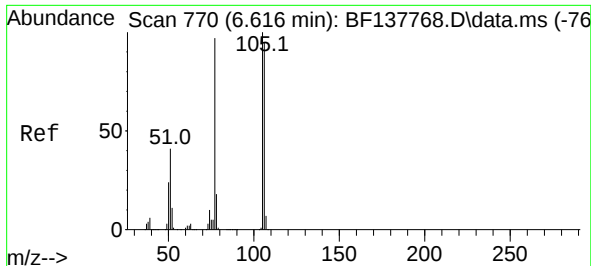
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#8
2-Chlorophenol
Concen: 48.048 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 696947
Ion Ratio Lower Upper
128 100
130 33.7 12.5 52.5
64 42.9 23.9 63.9





#9

Benzaldehyde

Concen: 2.489 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF137789.D

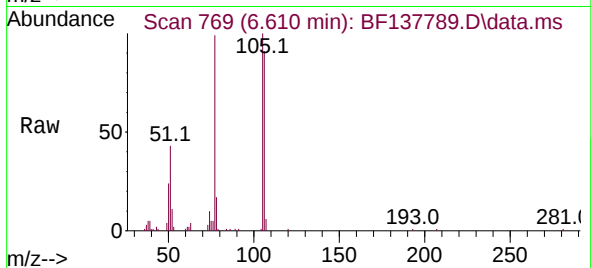
Acq: 01 May 2024 13:13

Instrument :

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Tgt Ion: 77 Resp: 2263

Ion Ratio Lower Upper

77 100

105 100.8 83.2 123.2

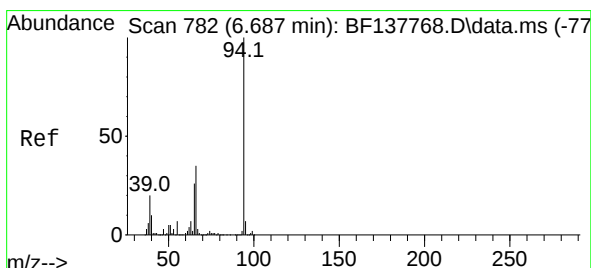
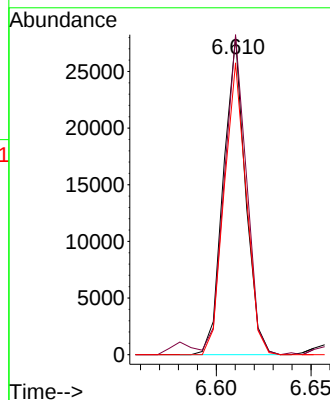
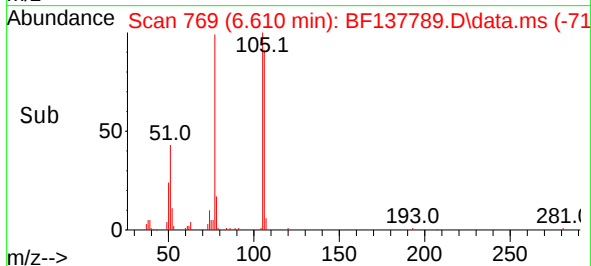
106 91.9 77.7 117.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#10

Phenol

Concen: 47.093 ng

RT: 6.693 min Scan# 783

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

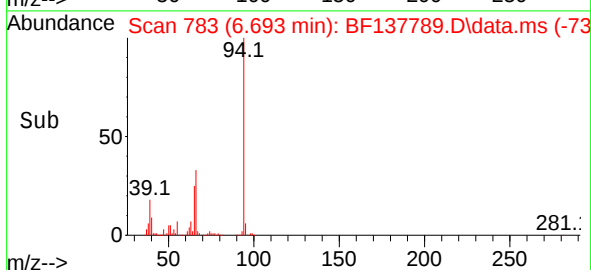
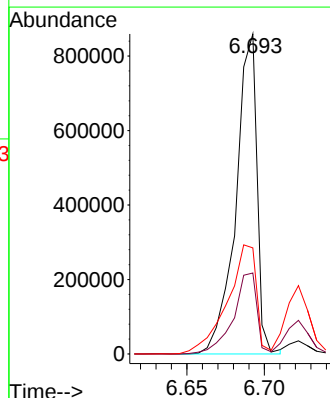
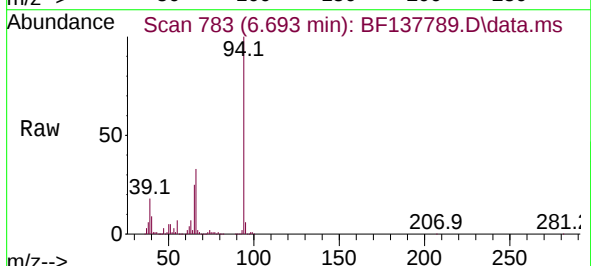
Tgt Ion: 94 Resp: 814678

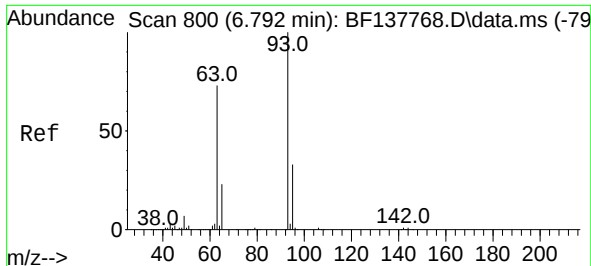
Ion Ratio Lower Upper

94 100

65 25.3 6.4 46.4

66 33.2 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 45.147 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

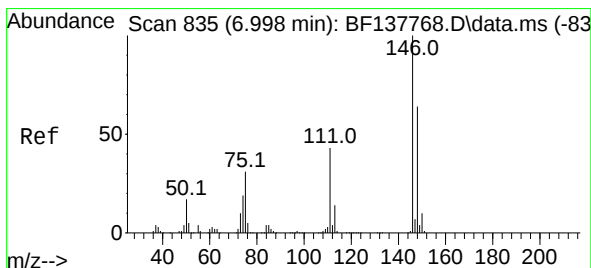
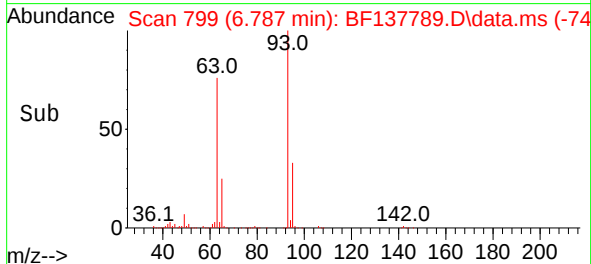
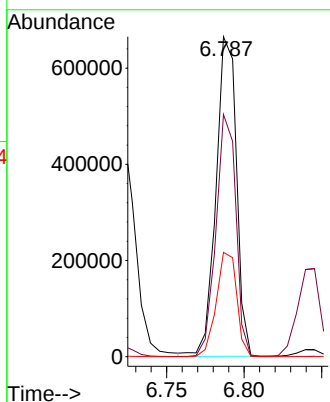
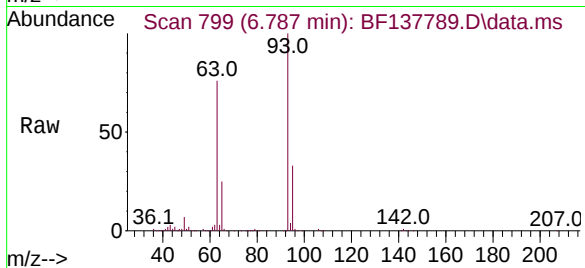
PB160608BS

Tgt Ion: 93 Resp: 611539
Ion Ratio Lower Upper
93 100
63 75.7 51.6 91.6
95 32.6 12.1 52.1

Manual Integrations

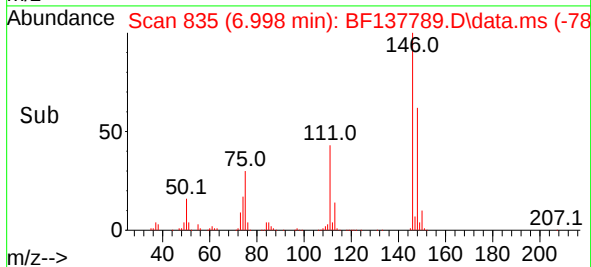
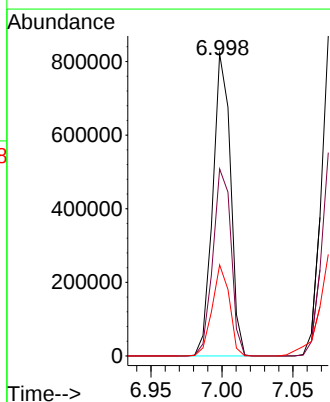
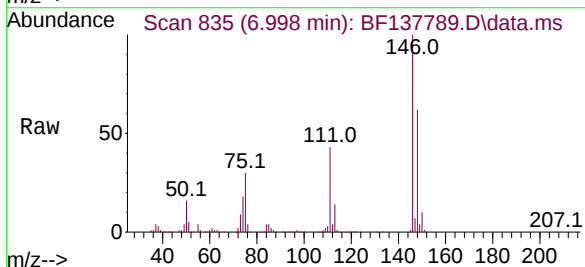
APPROVED

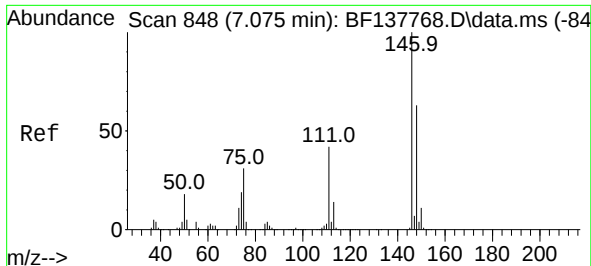
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 43.560 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:146 Resp: 712519
Ion Ratio Lower Upper
146 100
148 61.9 51.2 76.8
75 30.1 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 44.276 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

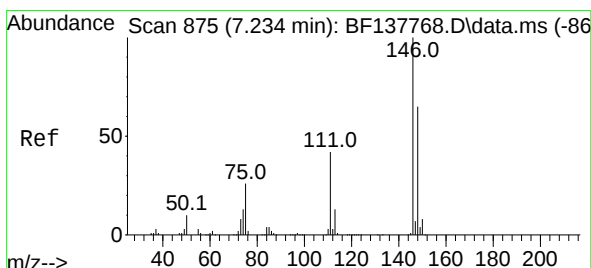
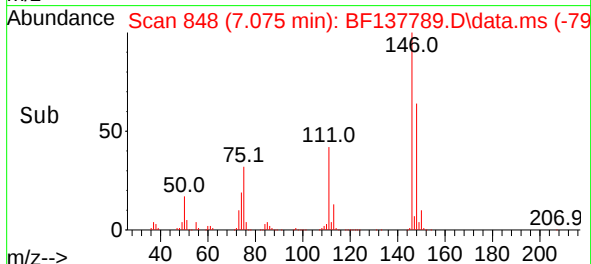
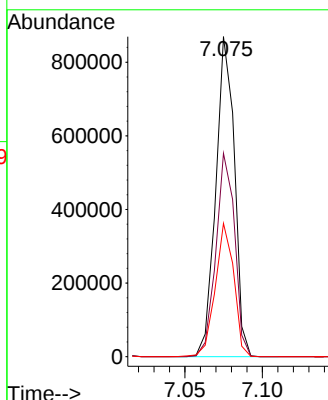
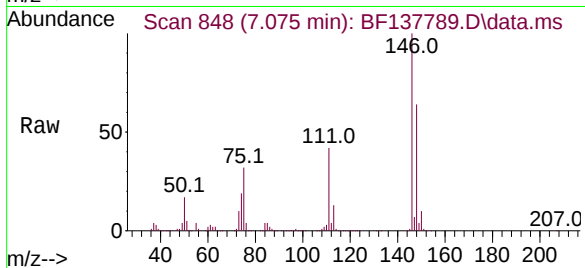
PB160608BS

Tgt Ion:146 Resp: 72669
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.7 76.1
 111 41.7 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: 44.812 ng

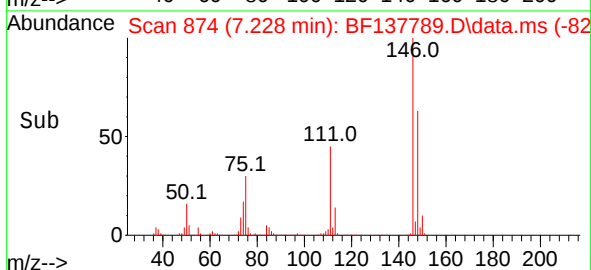
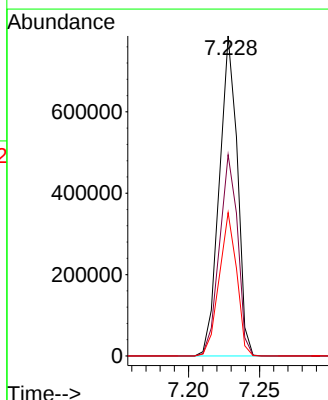
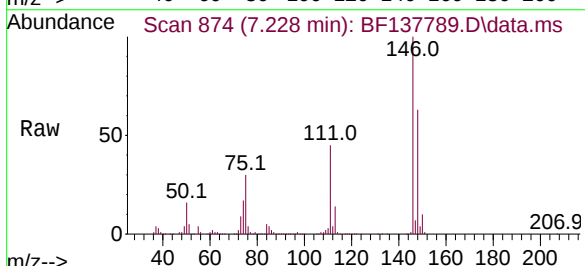
RT: 7.228 min Scan# 874

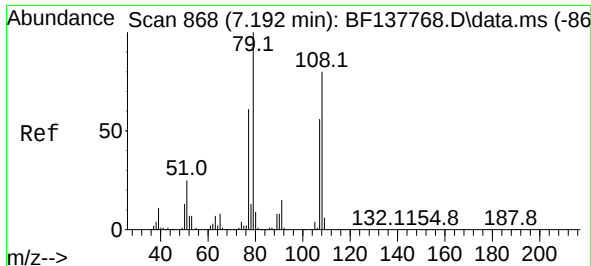
Delta R.T. -0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:146 Resp: 692730
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 111 44.8 33.6 50.4





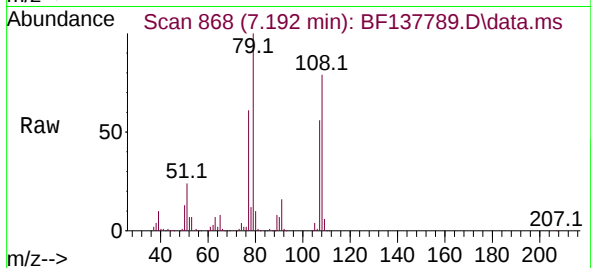
#15
Benzyl Alcohol
Concen: 48.838 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

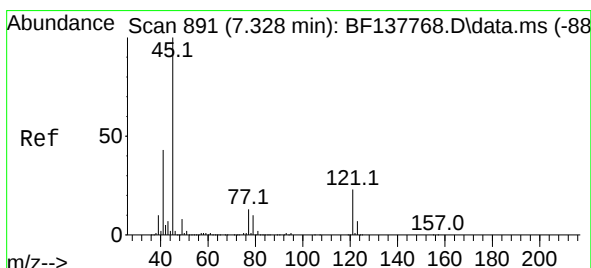
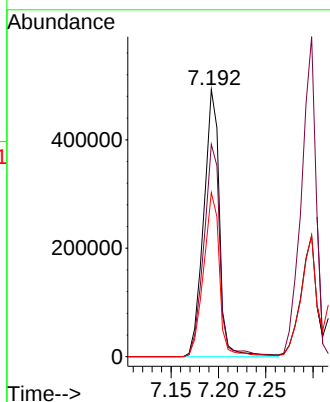
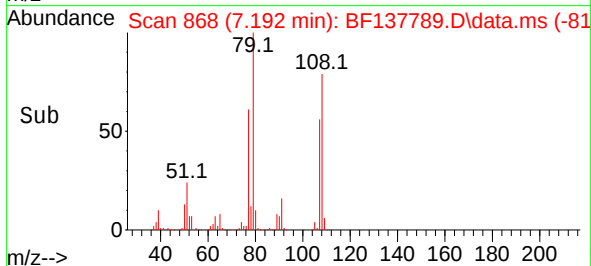


Tgt Ion: 79 Resp: 570198
Ion Ratio Lower Upper
79 100
108 79.5 64.2 96.2
77 61.4 48.5 72.7

Manual Integrations

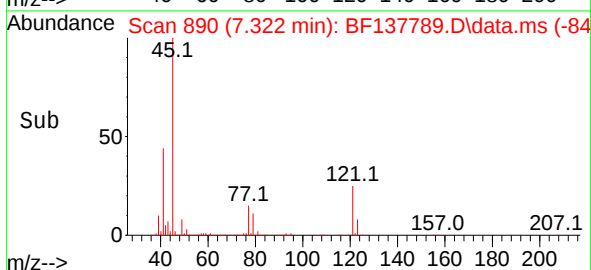
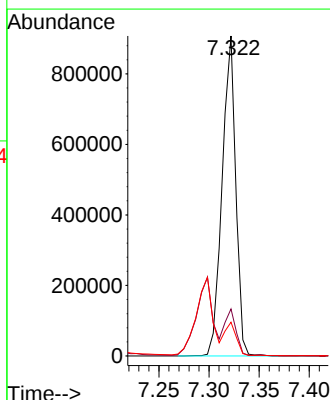
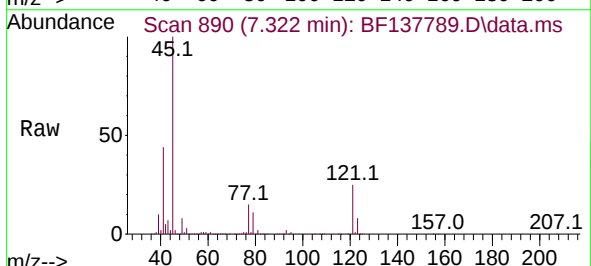
APPROVED

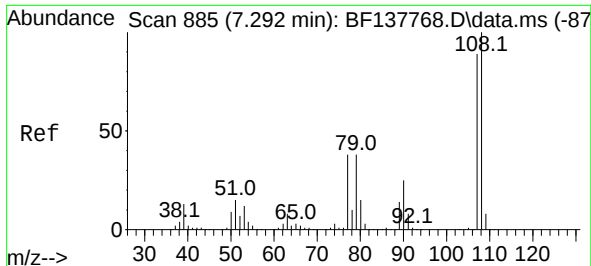
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.923 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 45 Resp: 855306
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 10.5 0.0 31.0





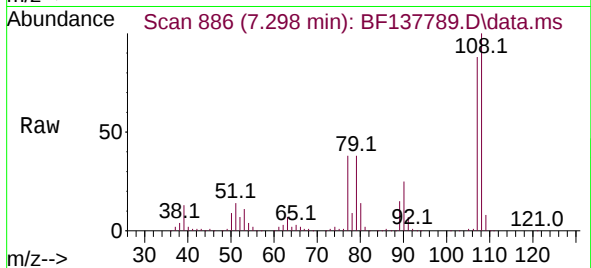
#17
2-Methylphenol
Concen: 48.157 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

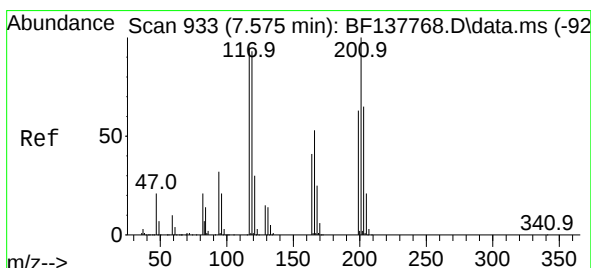
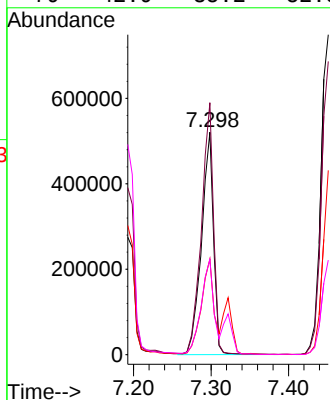
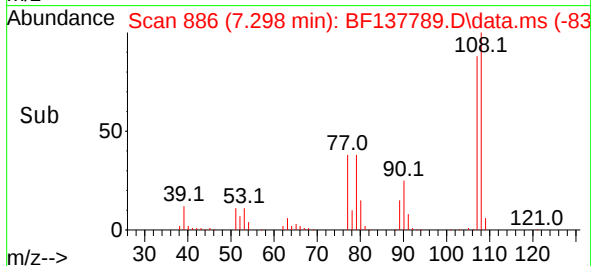


Tgt Ion:107 Resp: 563644
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 43.0 34.5 51.7
79 42.9 35.2 52.8

Manual Integrations

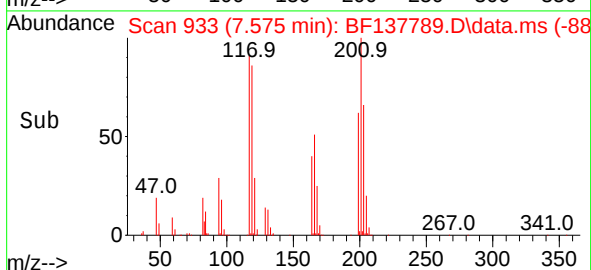
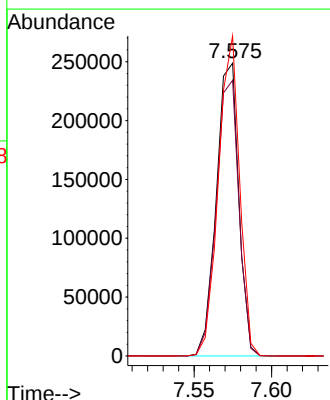
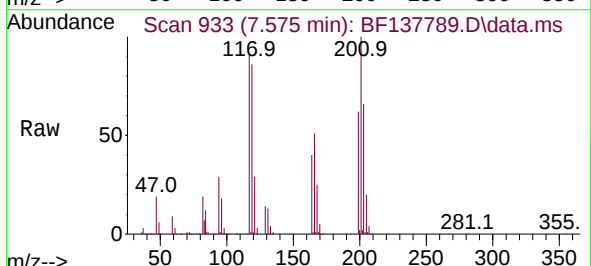
APPROVED

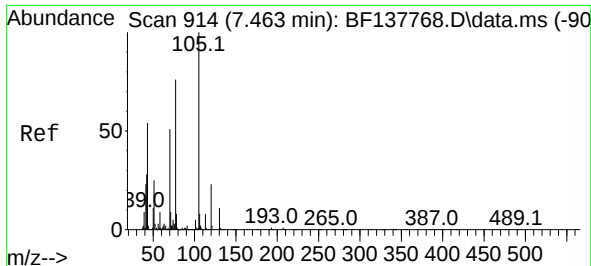
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 45.105 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:117 Resp: 250267
Ion Ratio Lower Upper
117 100
119 94.2 77.6 116.4
201 109.3 83.8 125.8





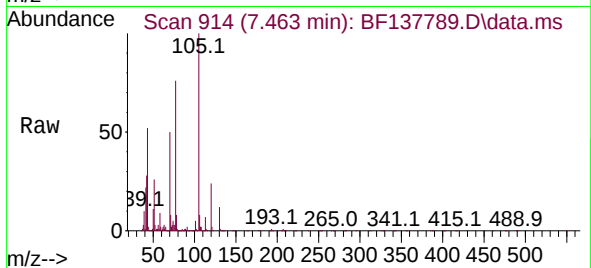
#19
n-Nitroso-di-n-propylamine
Concen: 45.049 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

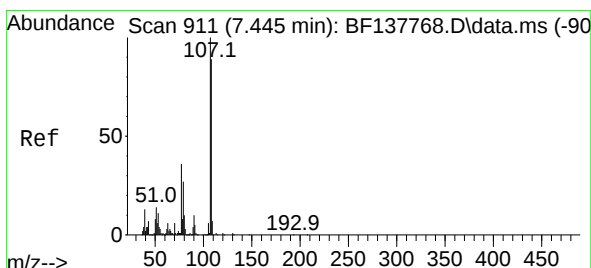
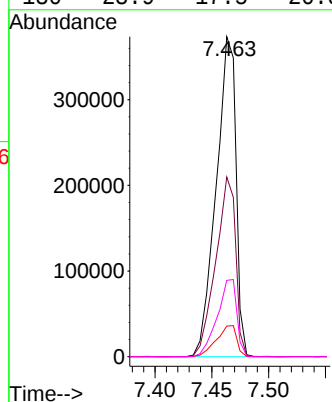
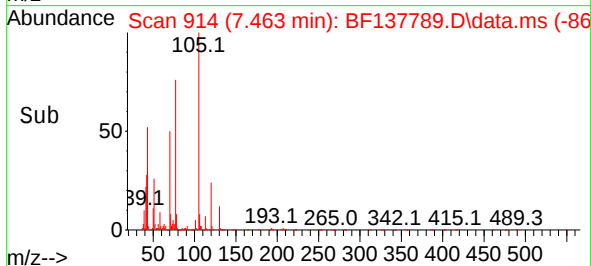


Tgt Ion: 70 Resp: 454519
Ion Ratio Lower Upper
70 100
42 56.2 44.6 66.8
101 9.6 7.8 11.6
130 23.9 17.5 26.3

Manual Integrations

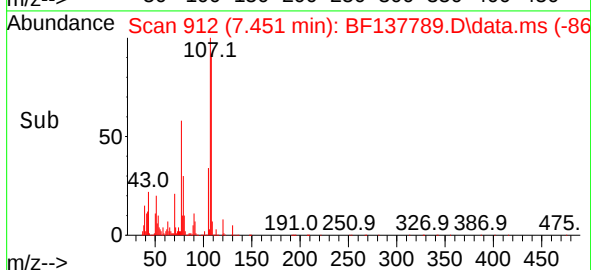
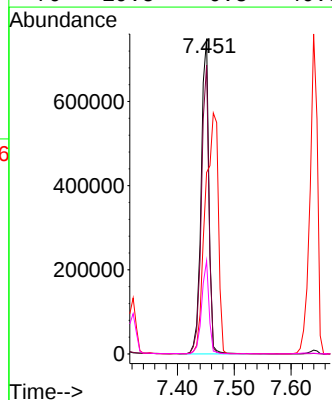
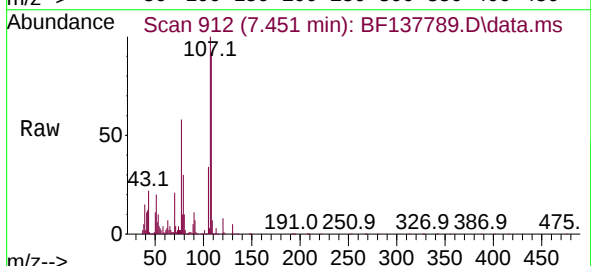
APPROVED

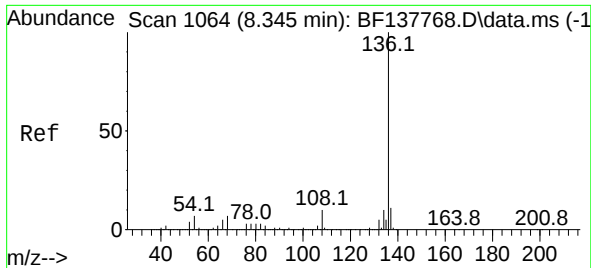
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#20
3+4-Methylphenols
Concen: 46.361 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:107 Resp: 713906
Ion Ratio Lower Upper
107 100
108 91.7 69.3 109.3
77 57.6 15.7 55.7#
79 29.5 6.8 46.8





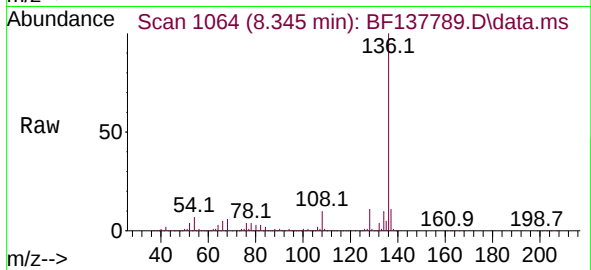
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

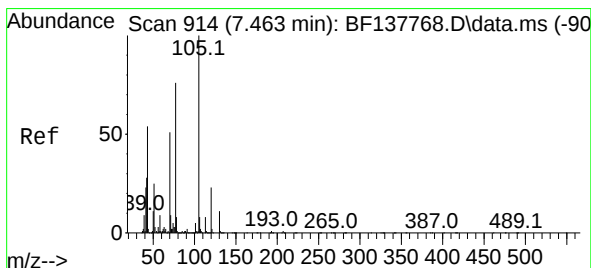
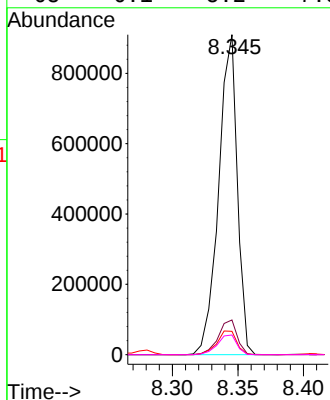
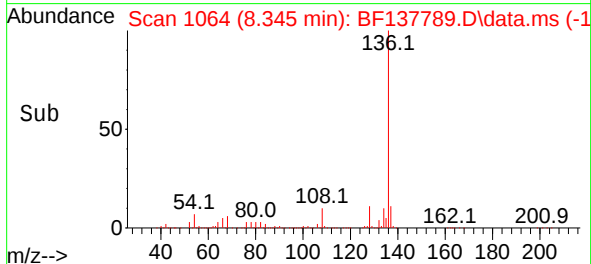


Tgt Ion:136 Resp: 896944
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.8 8.8
68 6.1 5.2 7.8

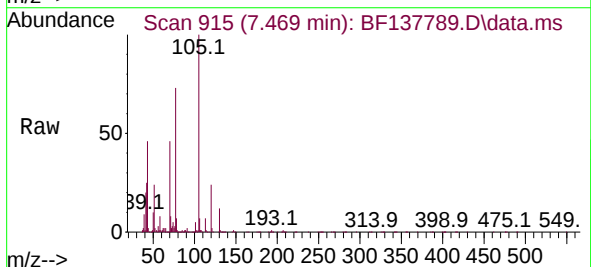
Manual Integrations

APPROVED

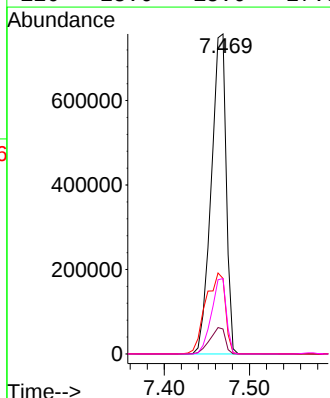
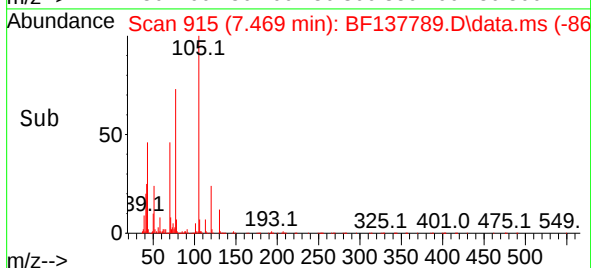
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

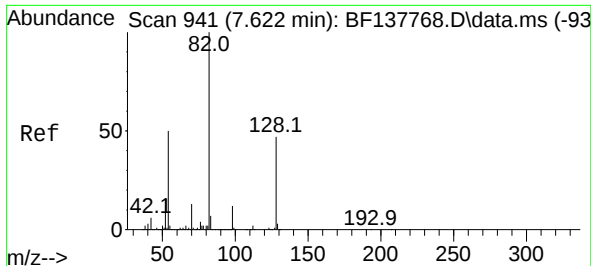


#22
Acetophenone
Concen: 45.660 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:105 Resp: 921085
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 23.6 20.2 30.2
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 84.370 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion: 82 Resp: 1302540

Ion Ratio Lower Upper

82 100

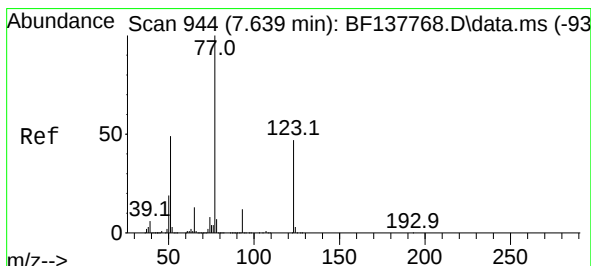
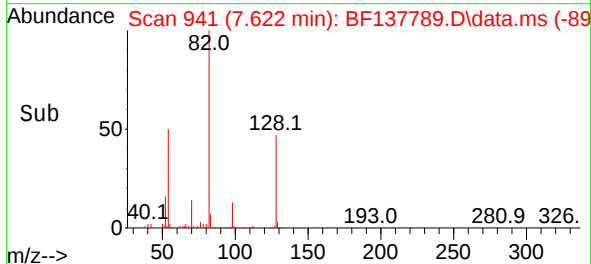
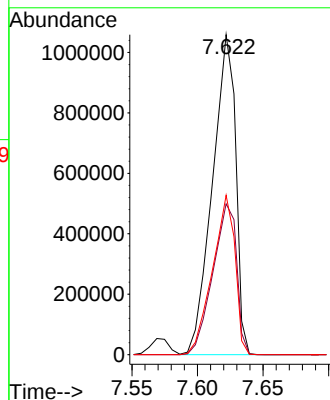
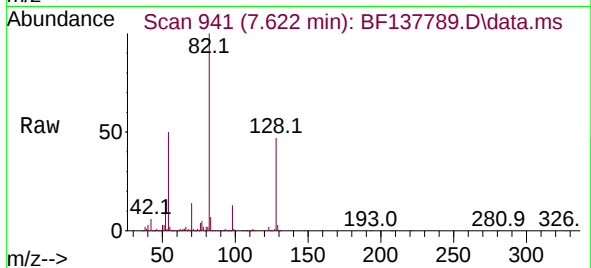
128 47.1 37.5 56.3

54 49.8 39.8 59.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 44.130 ng

RT: 7.640 min Scan# 944

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

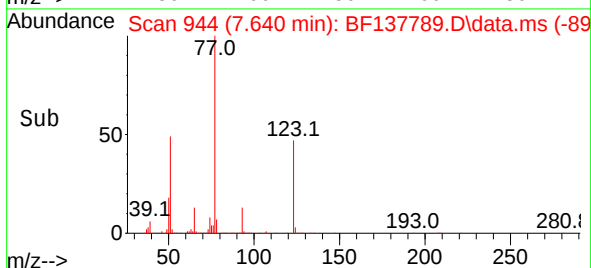
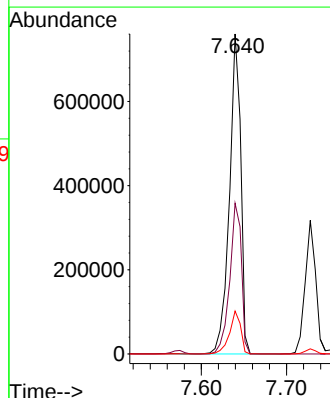
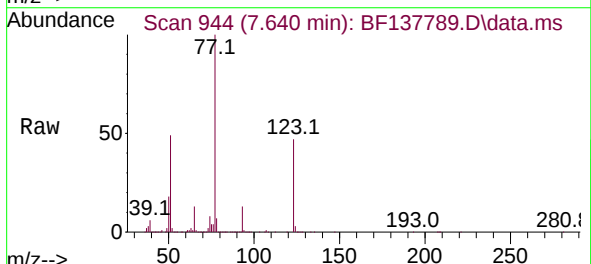
Tgt Ion: 77 Resp: 702180

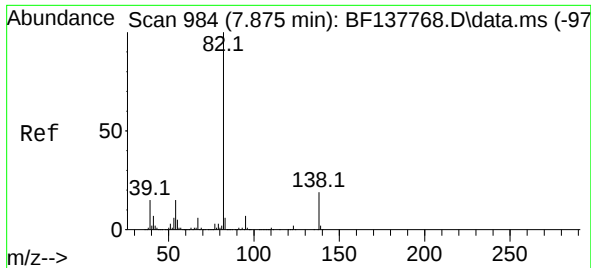
Ion Ratio Lower Upper

77 100

123 47.1 37.4 56.2

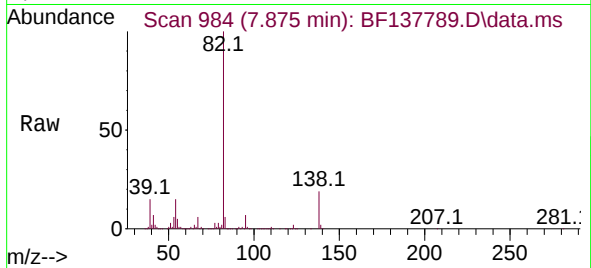
65 13.4 10.7 16.1





#25
Isophorone
Concen: 45.357 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

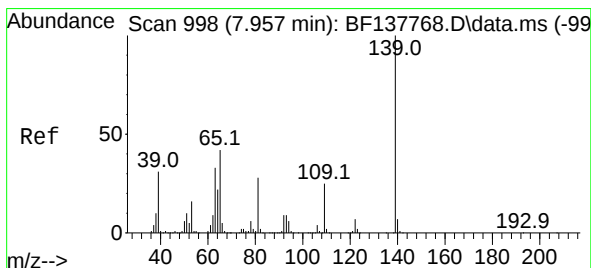
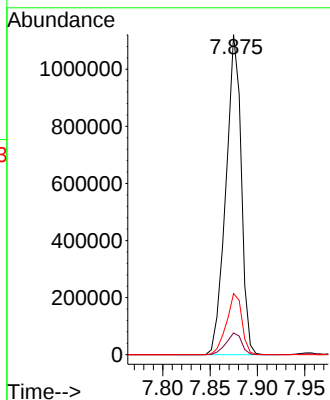
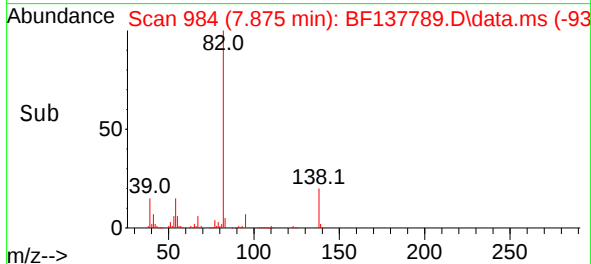
Instrument :
BNA_F
ClientSampleId :
PB160608BS



Tgt Ion: 82 Resp: 1262530
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.1 15.0 22.6

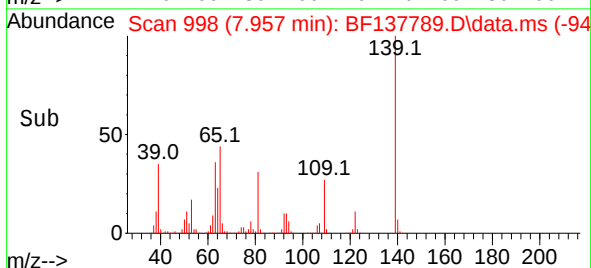
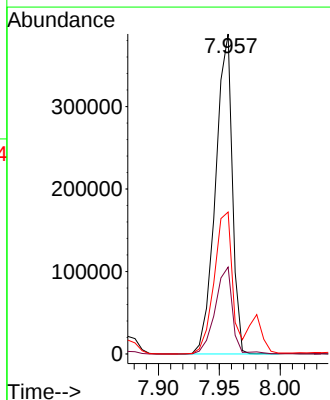
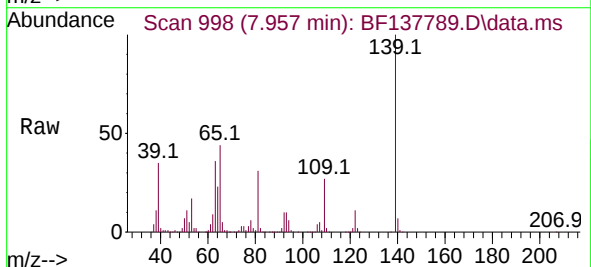
Manual Integrations
APPROVED

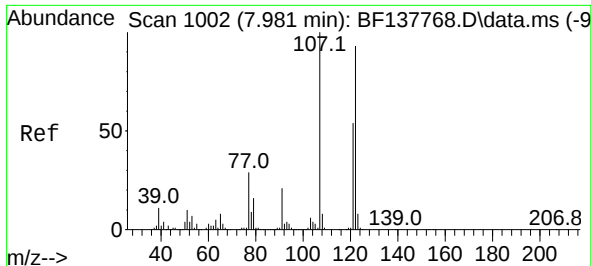
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 51.686 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:139 Resp: 372423
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 44.4 33.4 50.0





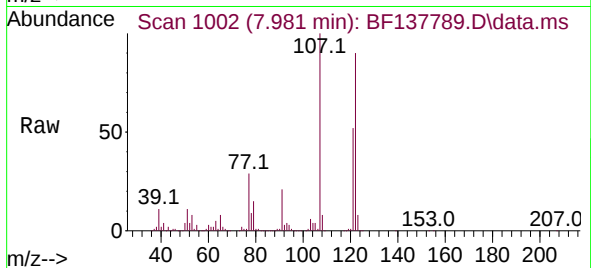
#27
2,4-Dimethylphenol
Concen: 51.384 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

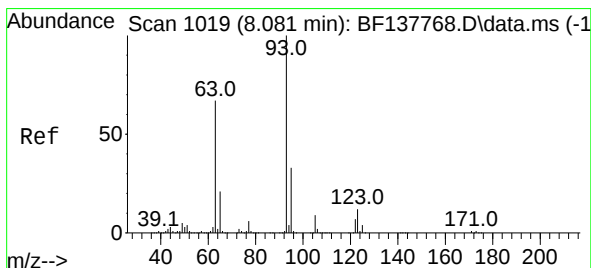
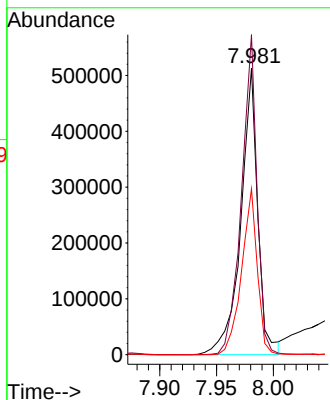
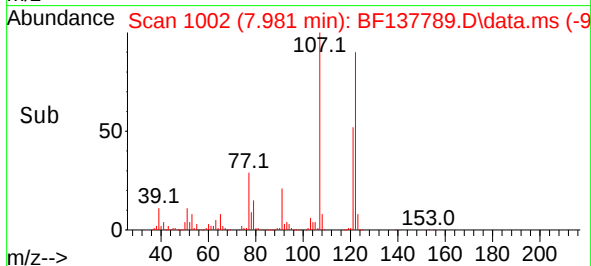


Tgt Ion:122 Resp: 533022
Ion Ratio Lower Upper
122 100
107 111.7 85.8 128.8
121 57.9 46.6 69.8

Manual Integrations

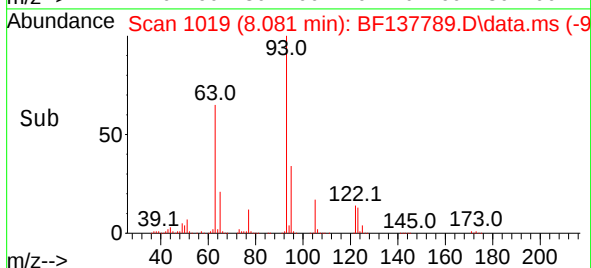
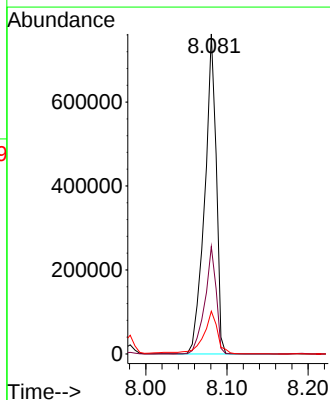
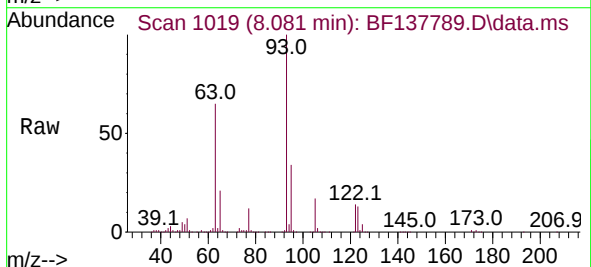
APPROVED

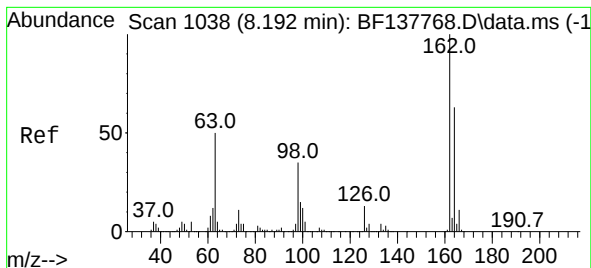
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.404 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion: 93 Resp: 748372
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 13.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.206 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

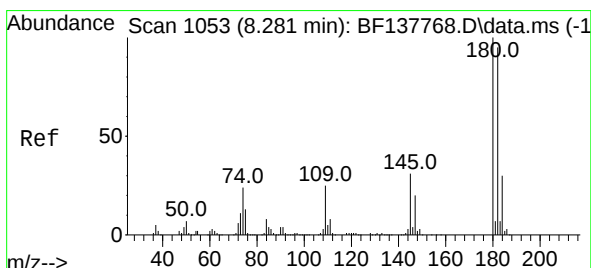
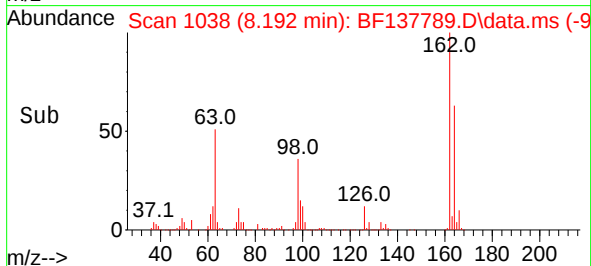
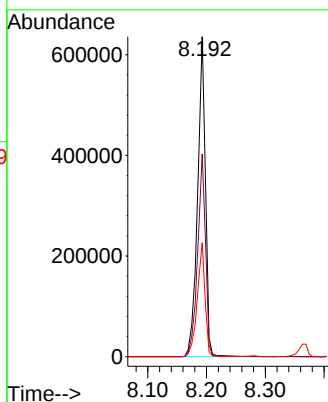
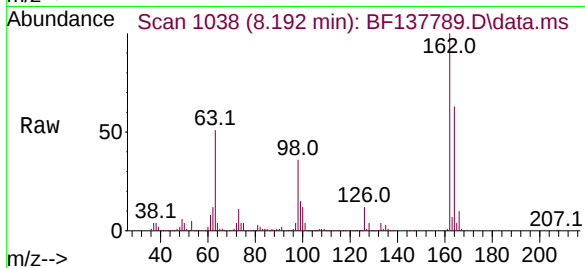
PB160608BS

Tgt Ion:162	Resp: 59188
Ion Ratio	Lower Upper
162	100
164	63.3 43.5 83.5
98	35.6 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: 44.341 ng

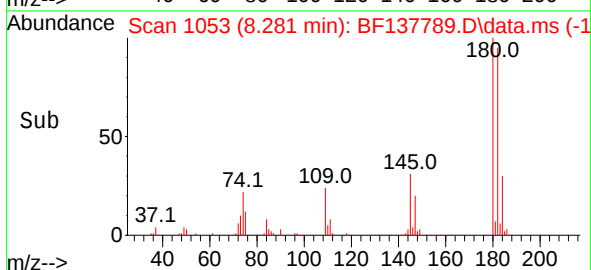
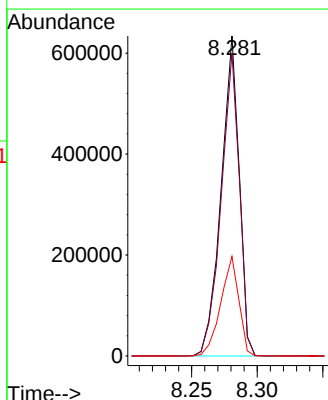
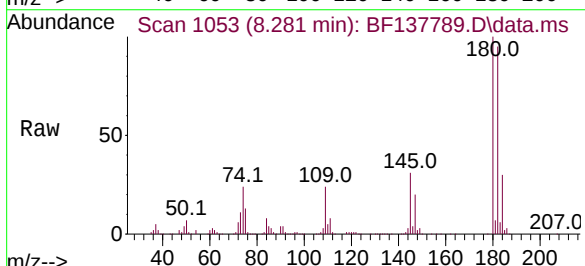
RT: 8.281 min Scan# 1053

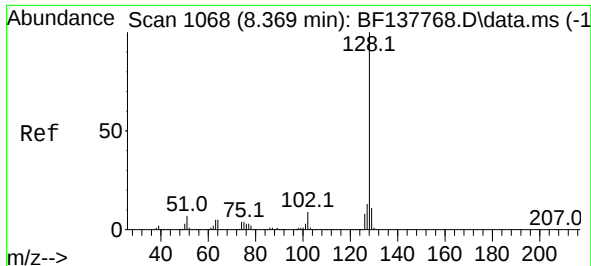
Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:180	Resp: 606078
Ion Ratio	Lower Upper
180	100
182	94.6 76.2 114.2
145	31.1 25.1 37.7





#31
Naphthalene
Concen: 44.381 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

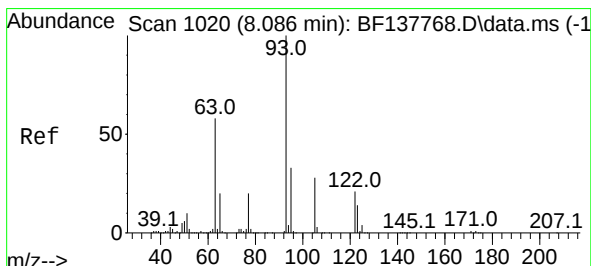
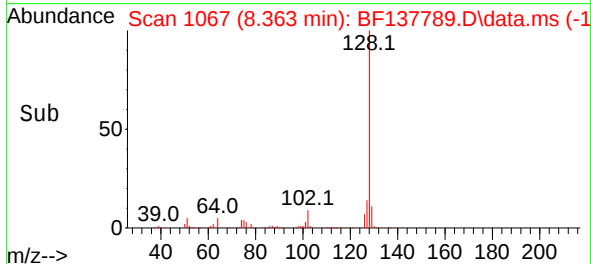
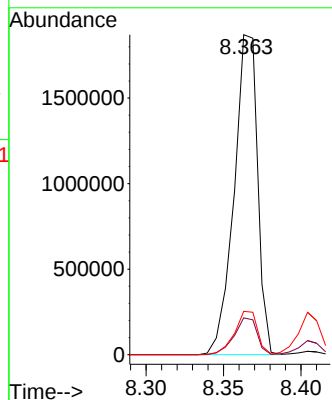
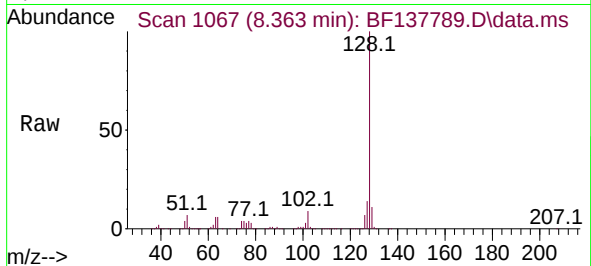
PB160608BS

Tgt Ion:128 Resp: 197826
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.6 16.0

Manual Integrations

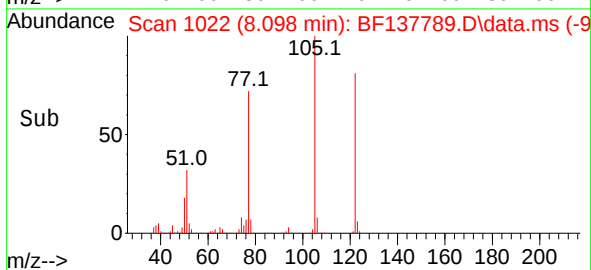
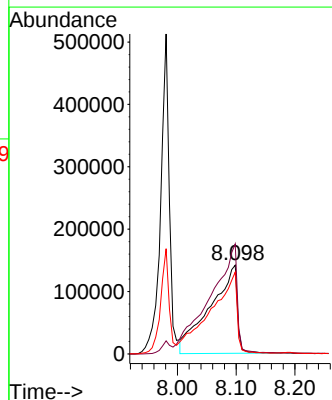
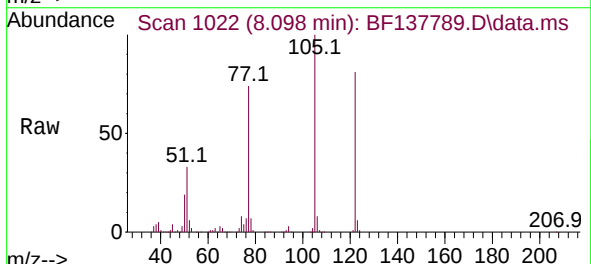
APPROVED

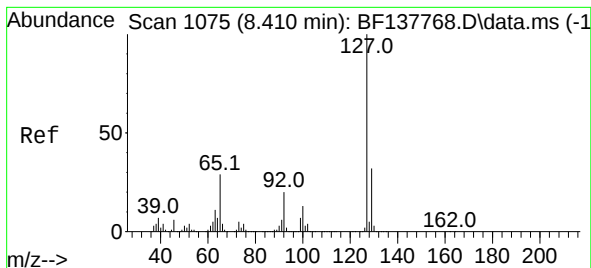
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 50.368 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:122 Resp: 450747
Ion Ratio Lower Upper
122 100
105 123.9 105.3 145.3
77 92.3 73.2 113.2





#33

4-Chloroaniline

Concen: 15.558 ng

RT: 8.404 min Scan# 1075

Delta R.T. -0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

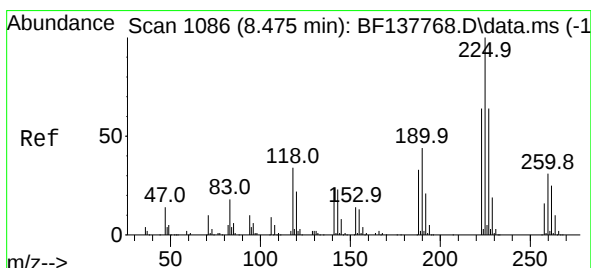
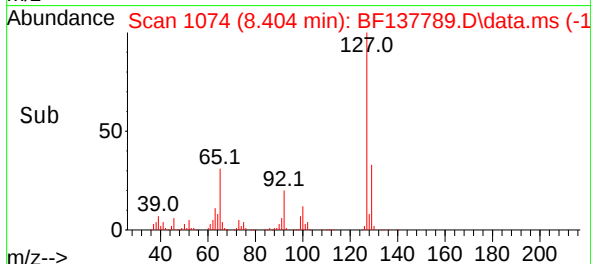
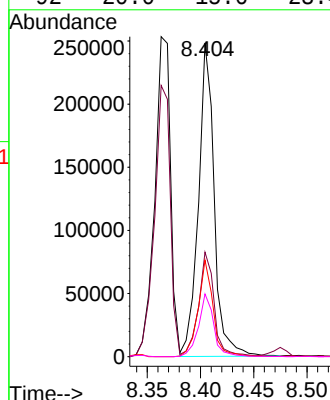
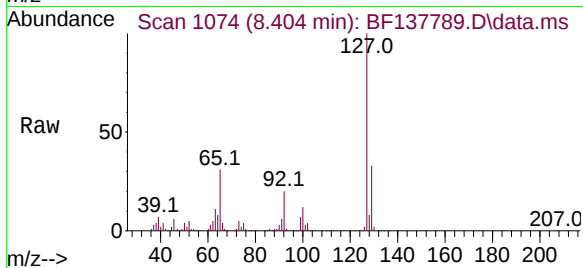
PB160608BS

Tgt Ion:	127	Resp:	25715
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.7	38.5
65	30.8	23.4	35.2
92	20.0	15.6	23.4

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 42.548 ng

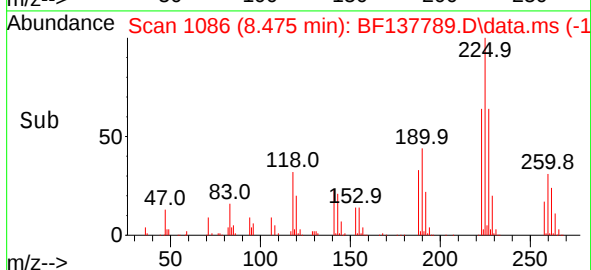
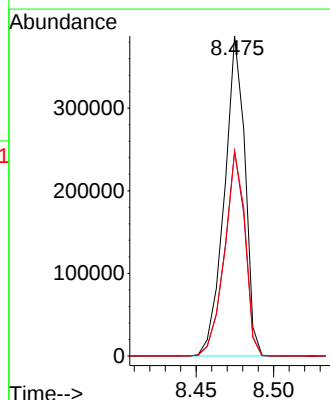
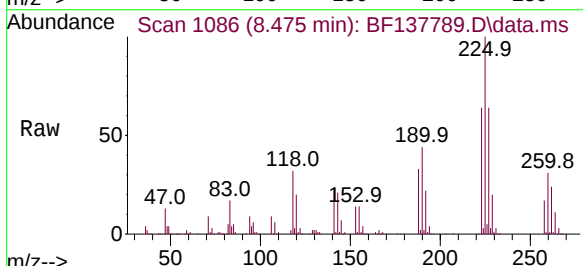
RT: 8.475 min Scan# 1086

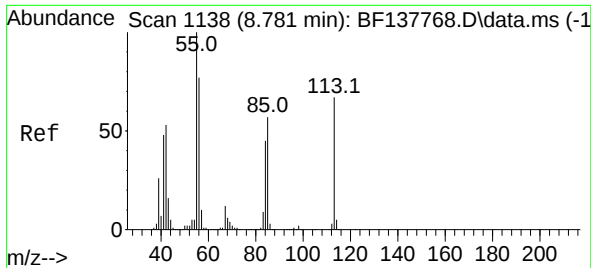
Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

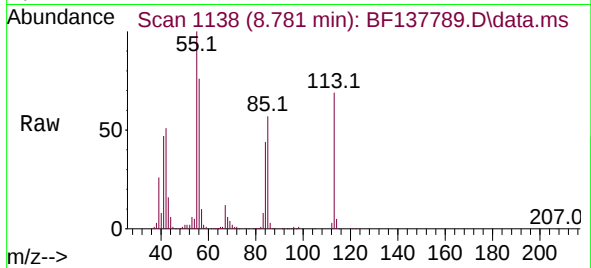
Tgt Ion:	225	Resp:	357054
Ion Ratio	Lower	Upper	
225	100		
223	64.1	51.1	76.7
227	63.8	51.4	77.0





#35
Caprolactam
Concen: 51.438 ng m
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

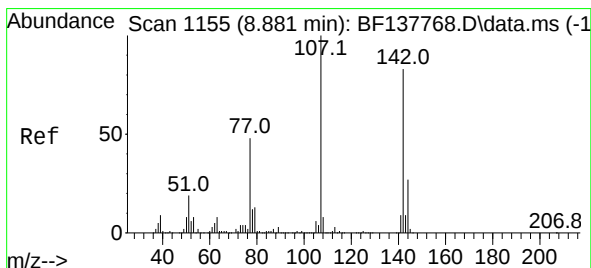
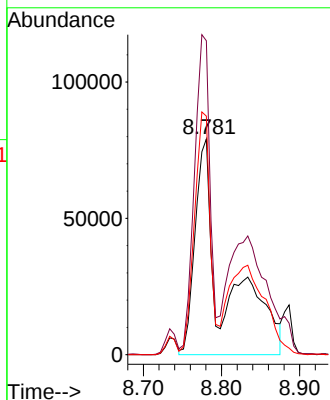
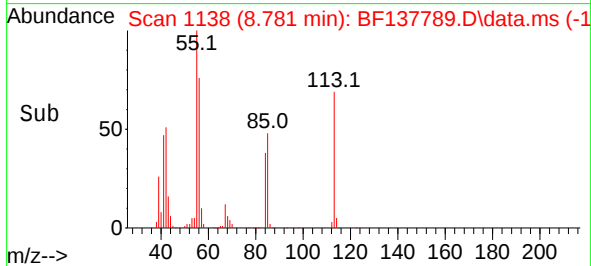
Instrument :
BNA_F
ClientSampleId :
PB160608BS



Tgt Ion:113 Resp: 20434
Ion Ratio Lower Upper
113 100
55 145.6 128.7 168.7
56 110.6 93.9 133.9

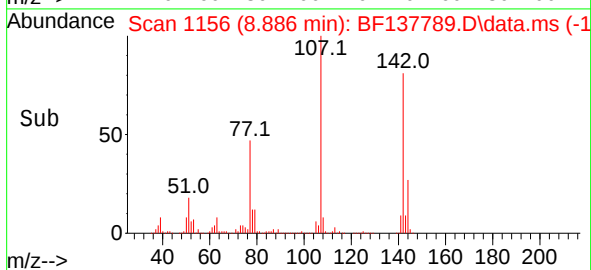
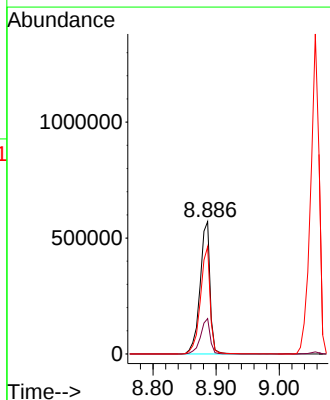
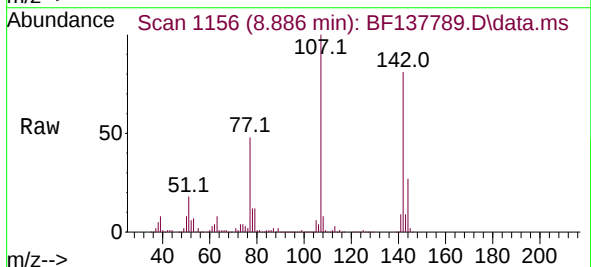
Manual Integrations
APPROVED

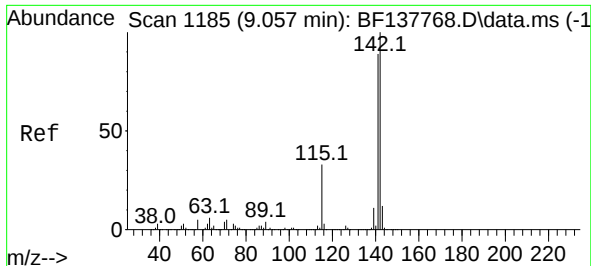
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#36
4-Chloro-3-methylphenol
Concen: 47.776 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:107 Resp: 624685
Ion Ratio Lower Upper
107 100
144 26.7 21.4 32.0
142 81.0 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.855 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:142 Resp: 1294204

Ion Ratio Lower Upper

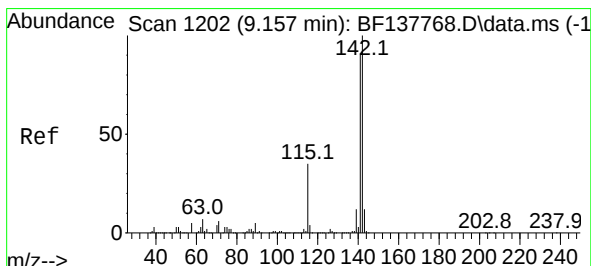
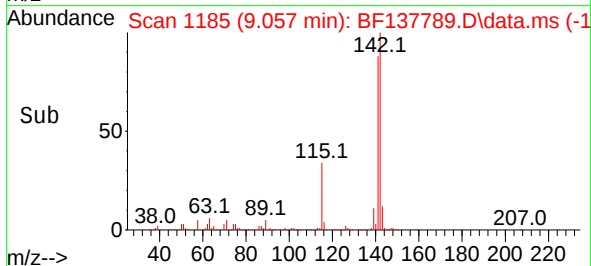
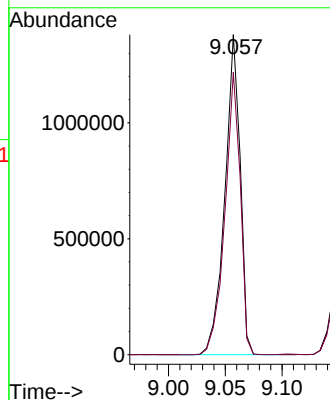
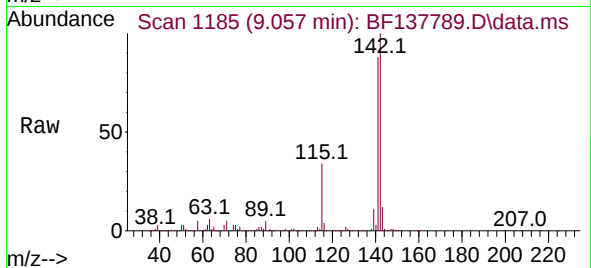
142 100

141 88.3 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: 42.729 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137789.D

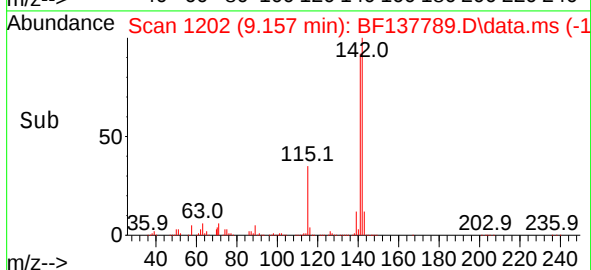
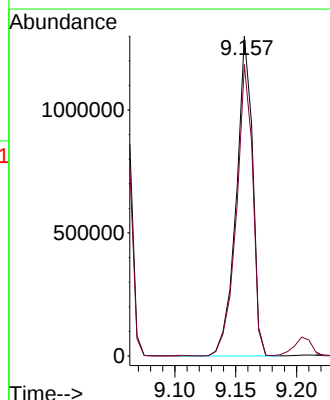
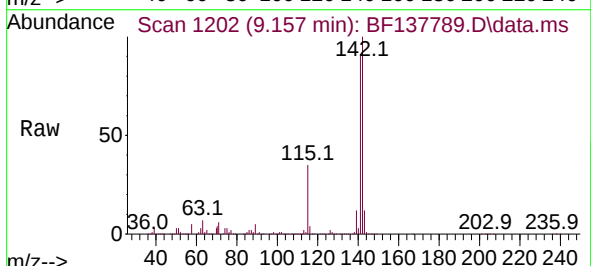
Acq: 01 May 2024 13:13

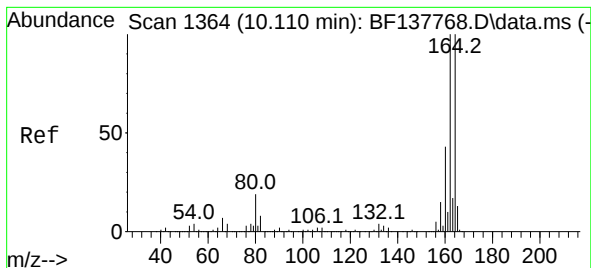
Tgt Ion:142 Resp: 1212928

Ion Ratio Lower Upper

142 100

141 91.1 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: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:164 Resp: 507738

Ion Ratio Lower Upper

164 100

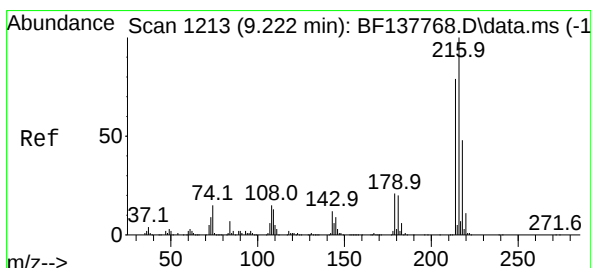
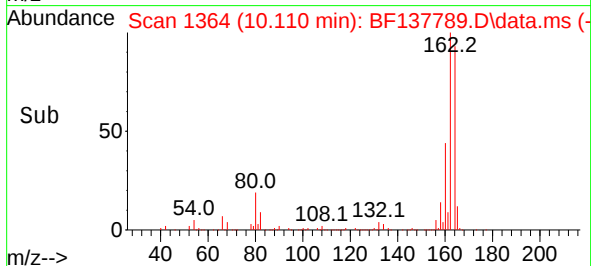
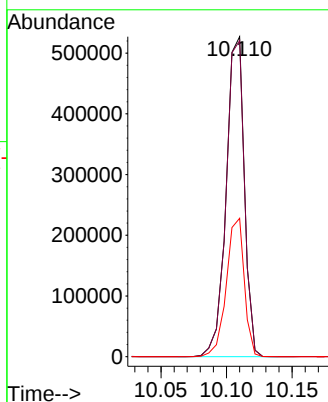
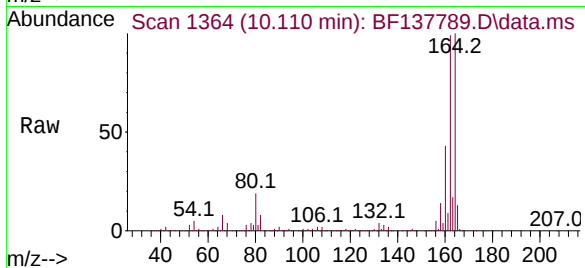
162 98.8 79.8 119.6

160 43.3 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: 45.609 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:216 Resp: 613342

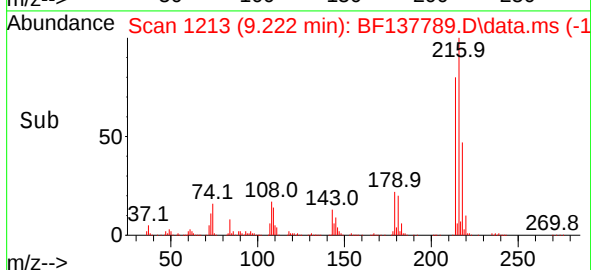
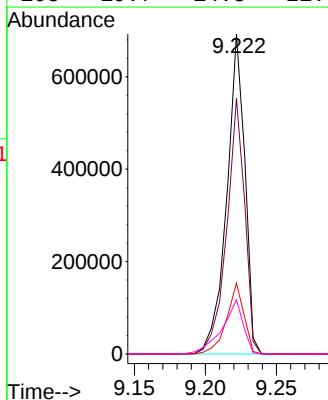
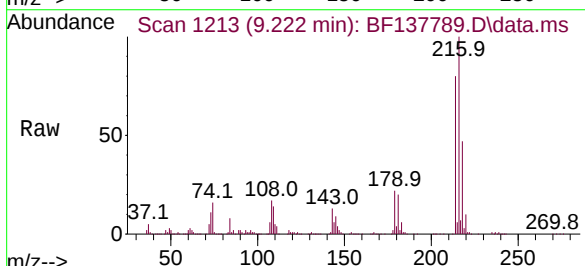
Ion Ratio Lower Upper

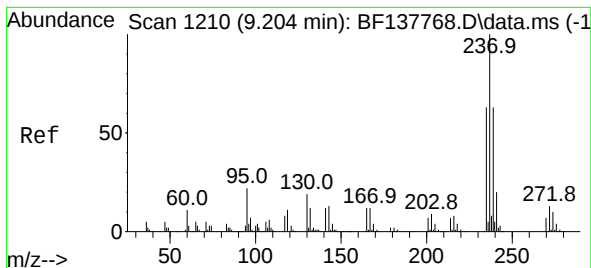
216 100

214 79.1 63.3 94.9

179 21.3 16.8 25.2

108 19.7 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 127.589 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:237 Resp: 696908

Ion Ratio Lower Upper

237 100

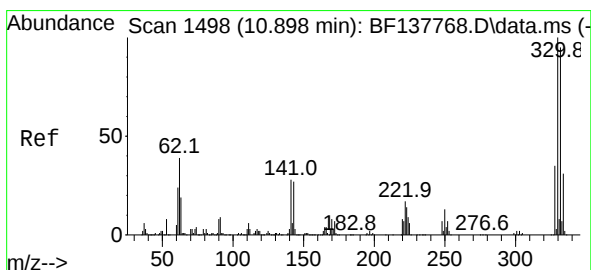
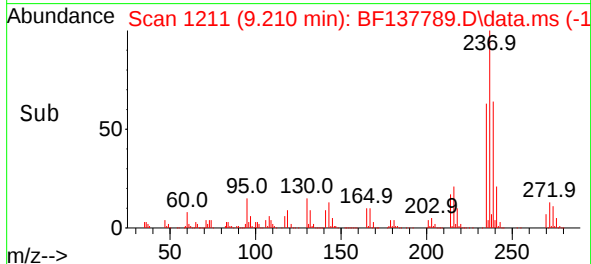
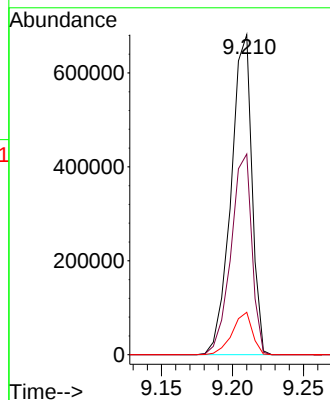
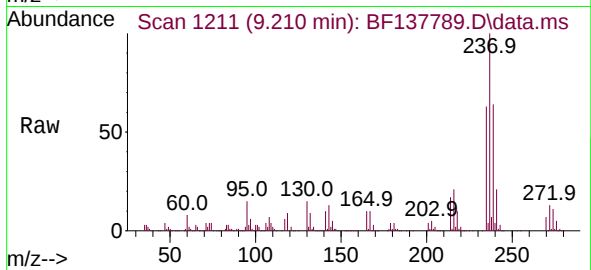
235 62.7 43.0 83.0

272 13.3 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: 133.434 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

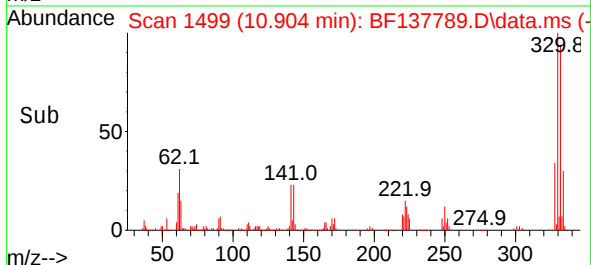
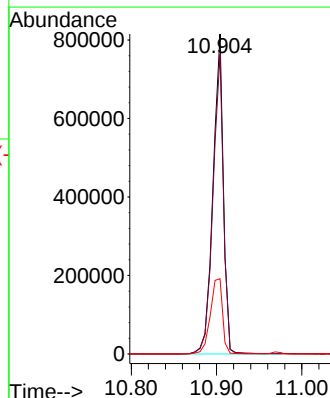
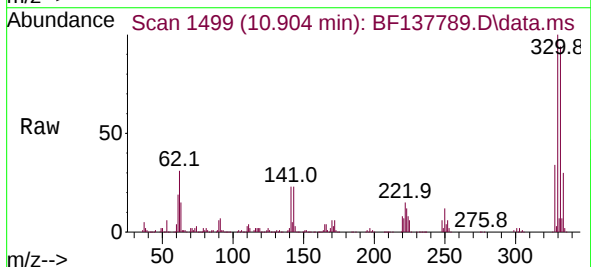
Tgt Ion:330 Resp: 691737

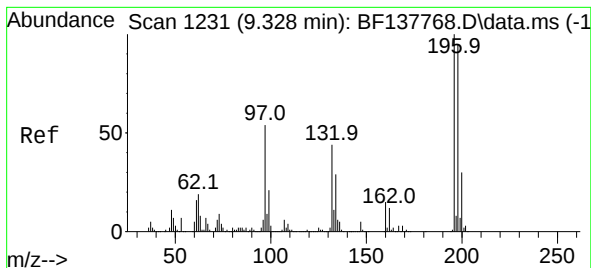
Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.470 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:196 Resp: 44369

Ion Ratio Lower Upper

196 100

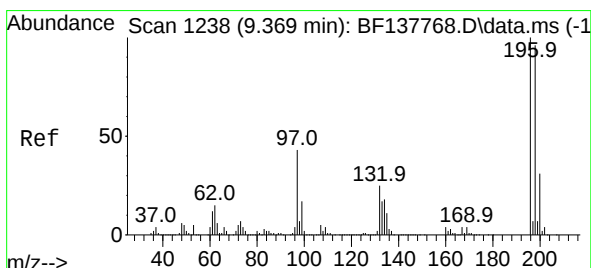
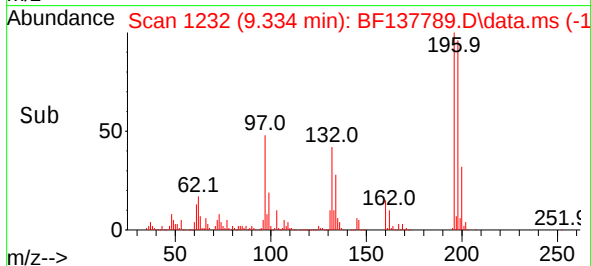
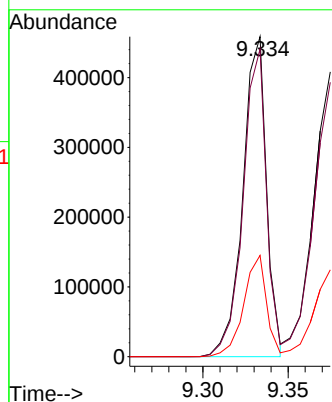
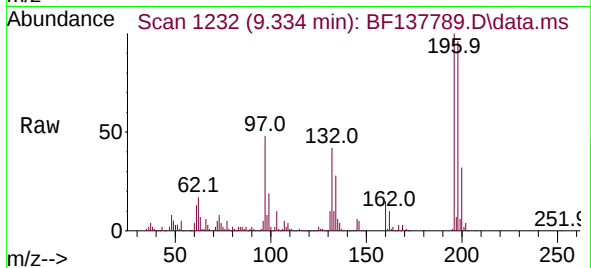
198 96.2 76.2 114.4

200 31.7 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: 47.447 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:196 Resp: 479577

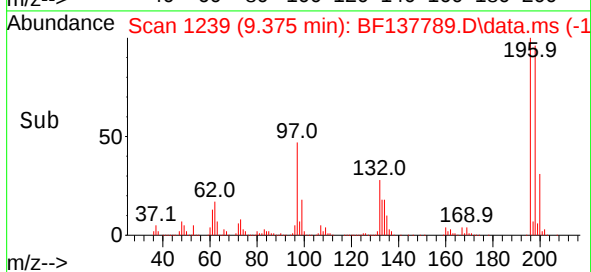
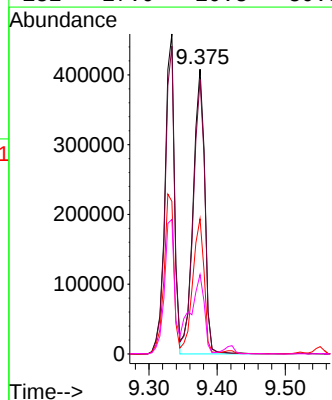
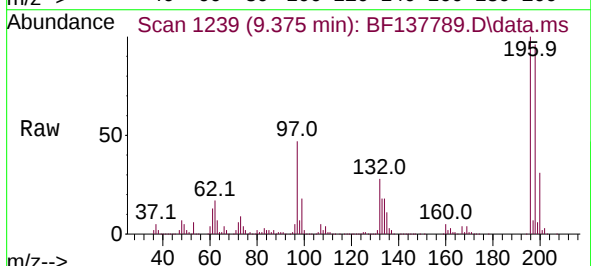
Ion Ratio Lower Upper

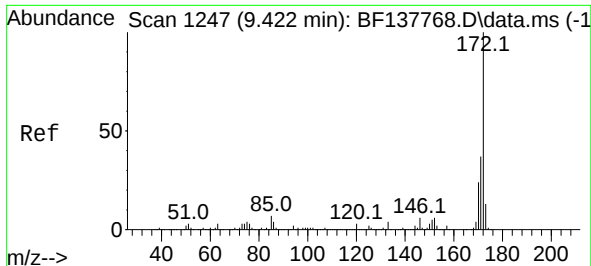
196 100

198 96.4 76.6 114.8

97 47.5 34.5 51.7

132 27.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 82.822 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF137789.D

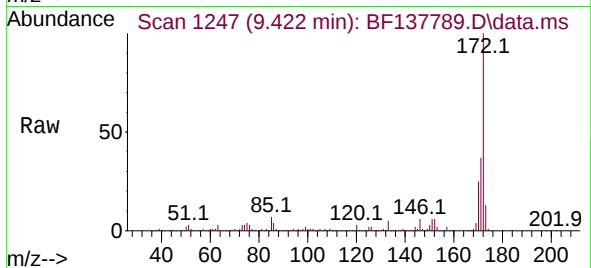
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS



Tgt Ion:172 Resp: 2592028

Ion Ratio Lower Upper

172 100

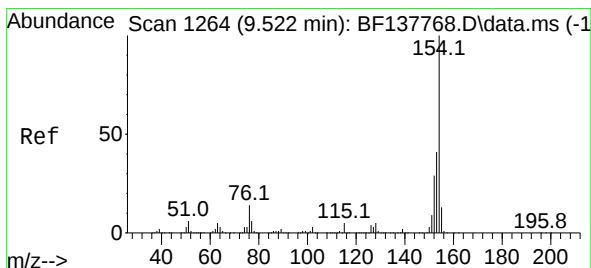
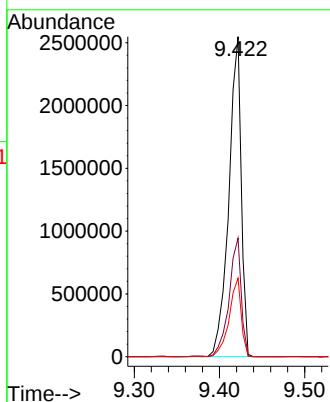
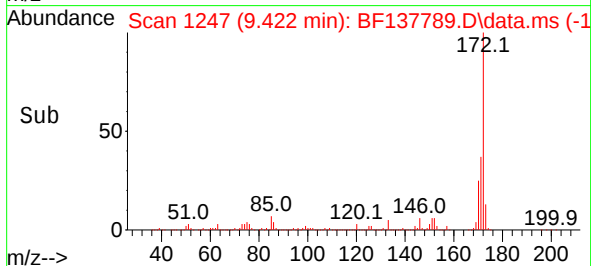
171 37.0 29.6 44.4

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: 45.477 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

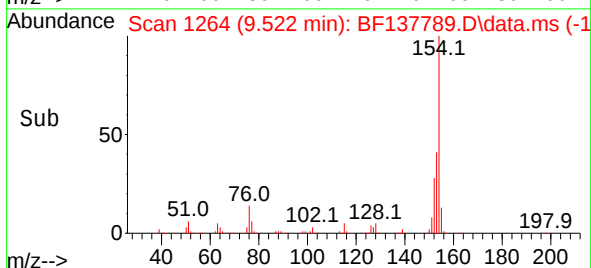
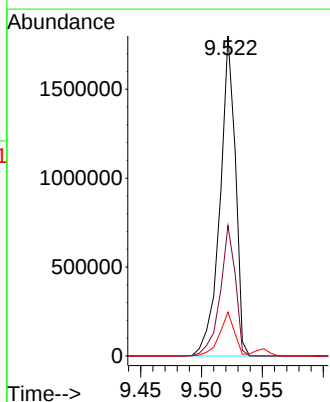
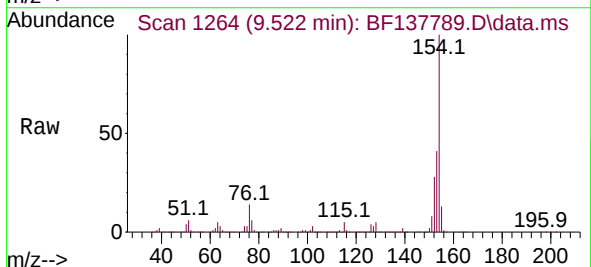
Tgt Ion:154 Resp: 1584654

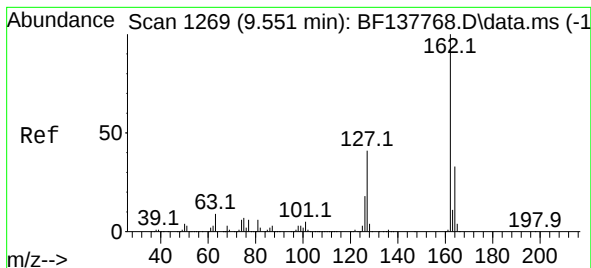
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 13.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.365 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:162 Resp: 124806

Ion Ratio Lower Upper

162 100

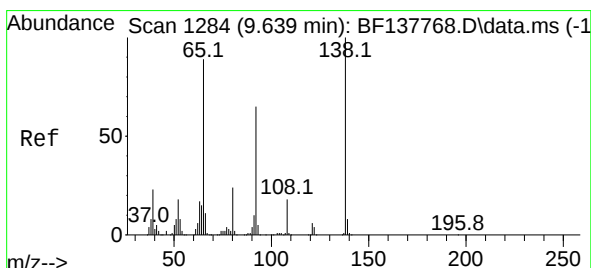
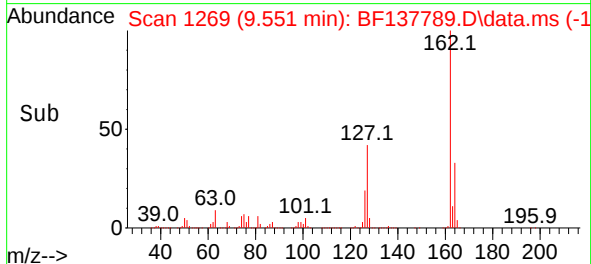
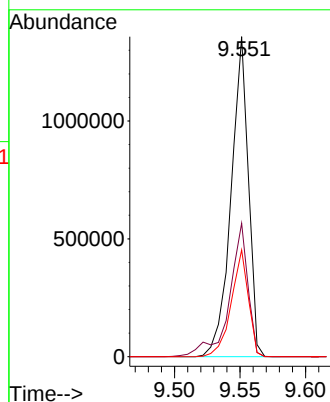
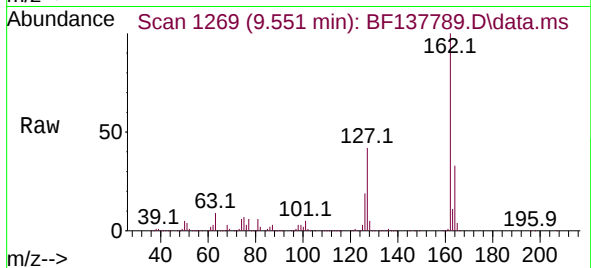
127 41.7 32.6 49.0

164 33.3 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: 49.887 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

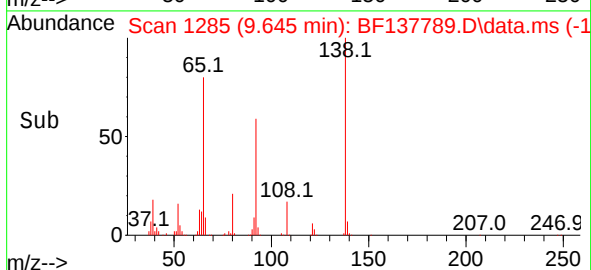
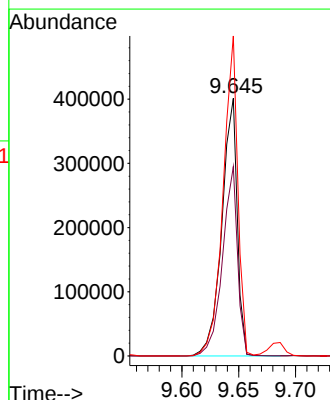
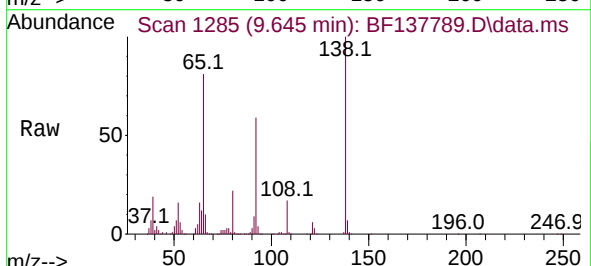
Tgt Ion: 65 Resp: 380624

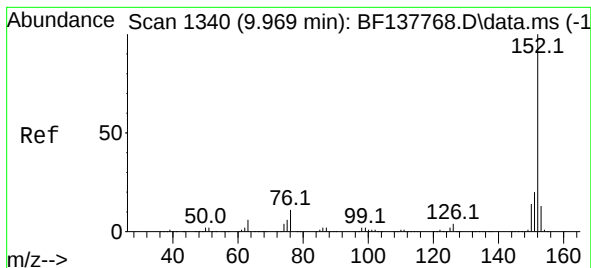
Ion Ratio Lower Upper

65 100

92 73.5 58.6 88.0

138 124.2 90.3 135.5





#49

Acenaphthylene

Concen: 49.467 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF137789.D

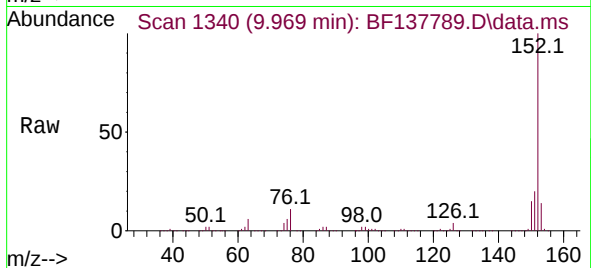
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS



Tgt Ion:152 Resp: 2013079

Ion Ratio Lower Upper

152 100

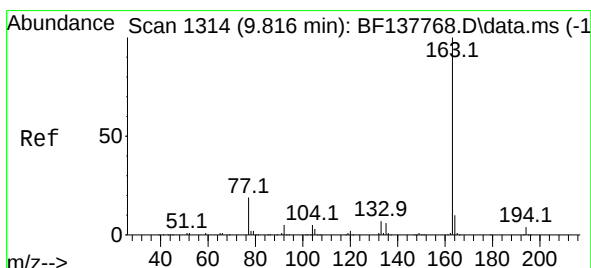
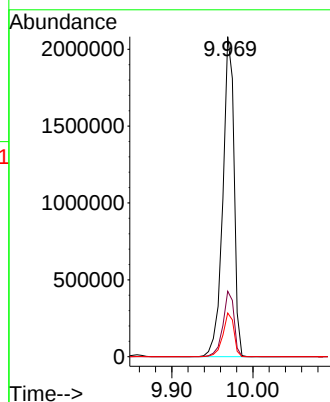
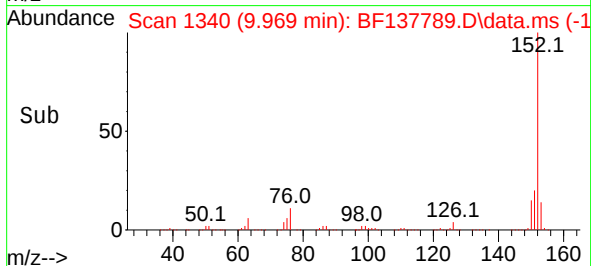
151 20.5 16.2 24.4

153 13.6 10.8 16.2

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 46.963 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

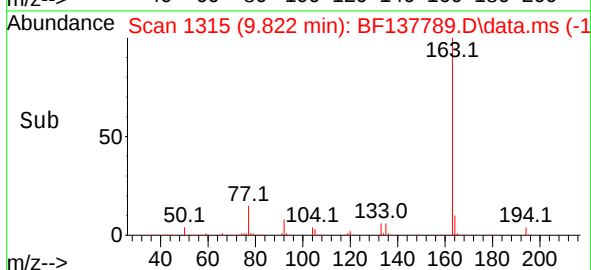
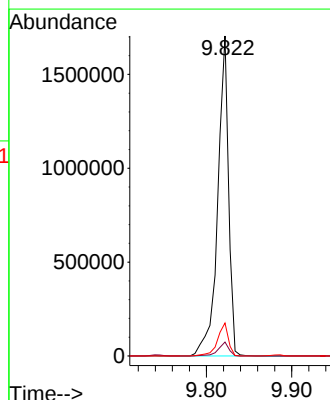
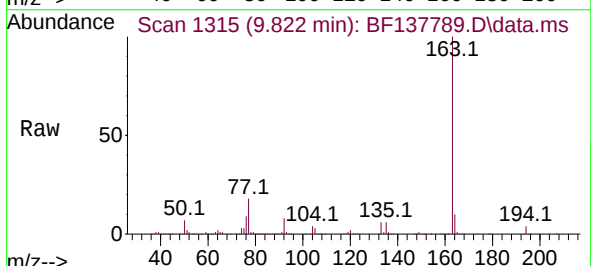
Tgt Ion:163 Resp: 1505314

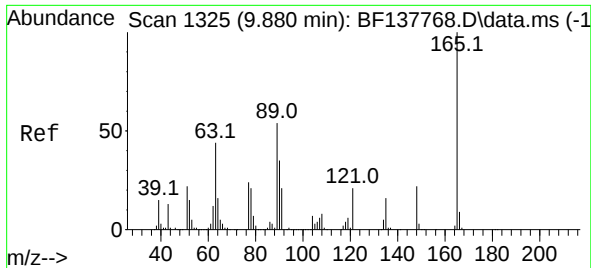
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 46.704 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

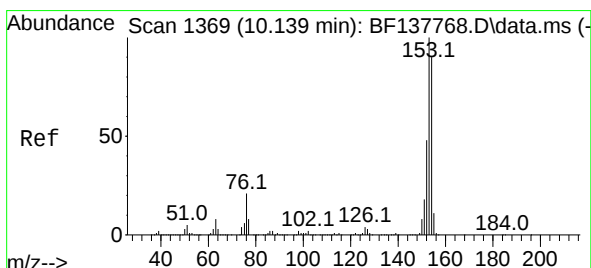
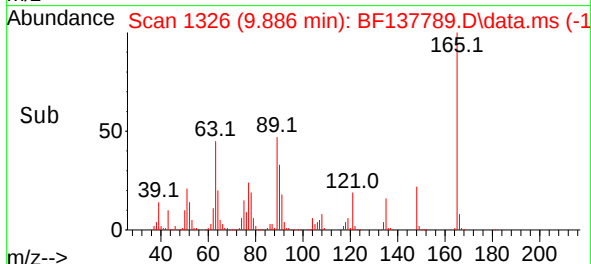
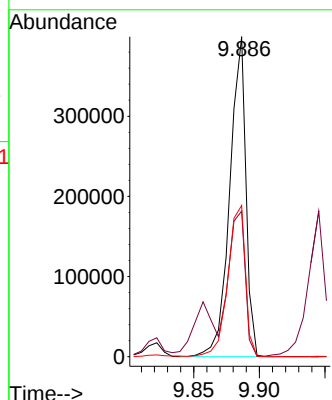
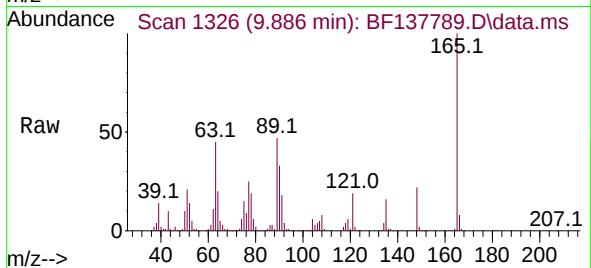
PB160608BS

Tgt Ion:165 Resp: 342110
Ion Ratio Lower Upper
165 100
63 45.5 41.9 62.9
89 47.3 43.2 64.8

Manual Integrations

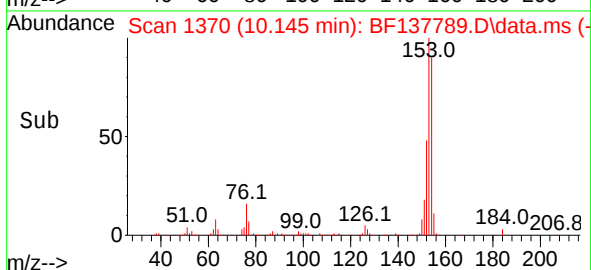
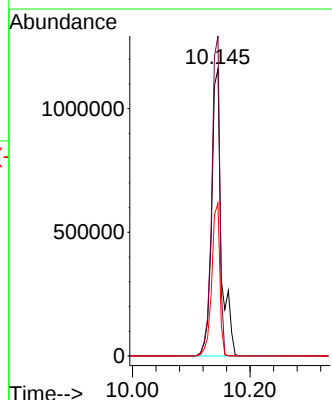
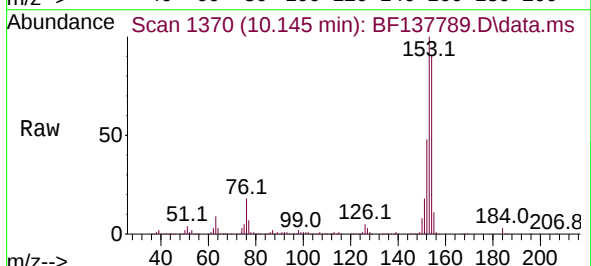
APPROVED

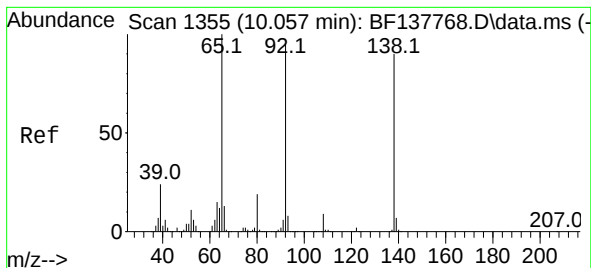
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 49.606 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:154 Resp: 1338115
Ion Ratio Lower Upper
154 100
153 111.6 88.7 133.1
152 53.3 42.8 64.2





#53
3-Nitroaniline
Concen: 28.623 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

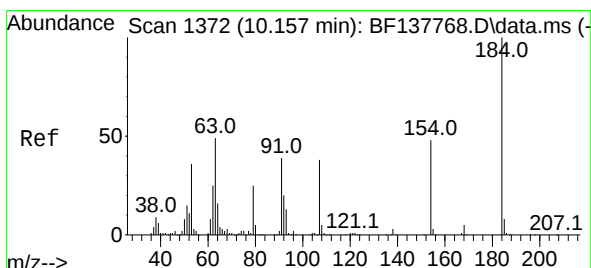
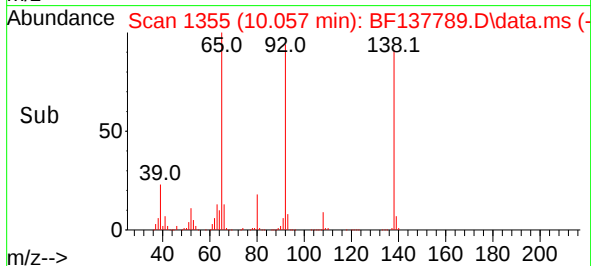
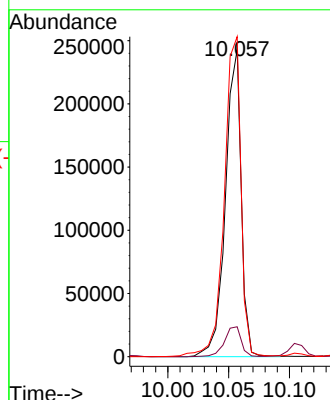
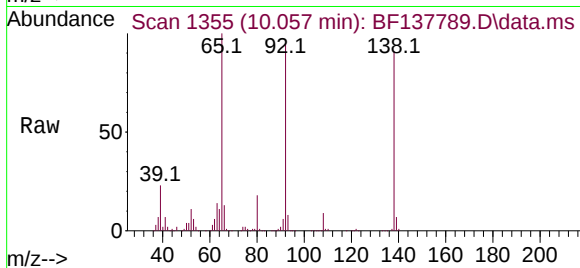
PB160608BS

Tgt Ion:138 Resp: 21956
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 104.2 84.6 126.8

Manual Integrations

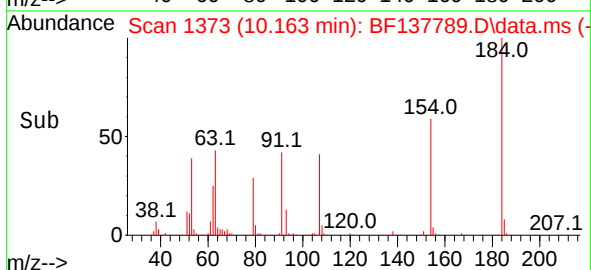
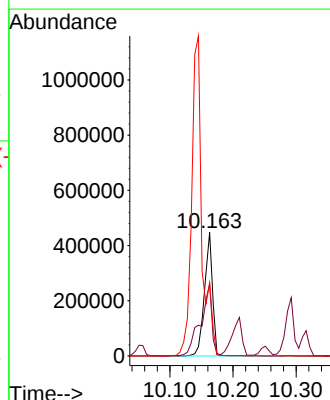
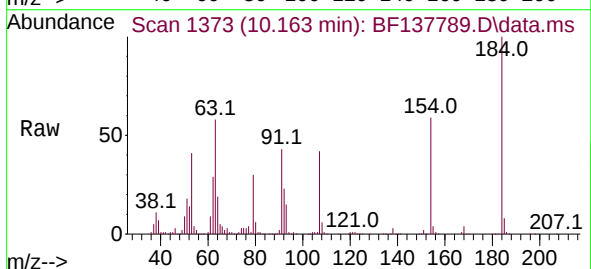
APPROVED

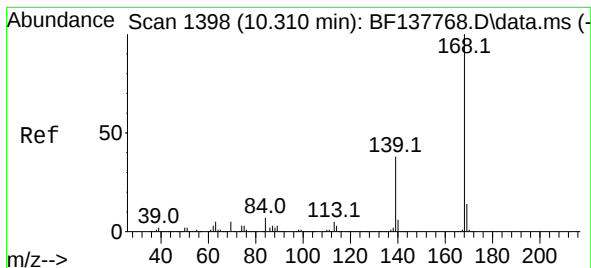
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#54
2,4-Dinitrophenol
Concen: 110.881 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

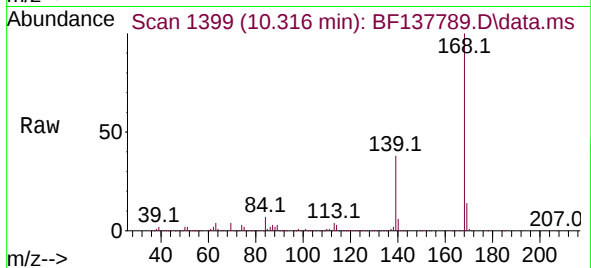
Tgt Ion:184 Resp: 399087
Ion Ratio Lower Upper
184 100
63 58.4 40.3 60.5
154 59.2 45.2 67.8





#55
Dibenzofuran
Concen: 45.719 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

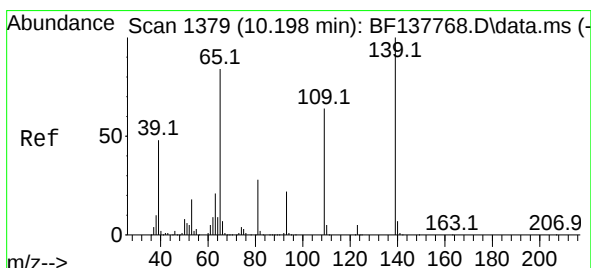
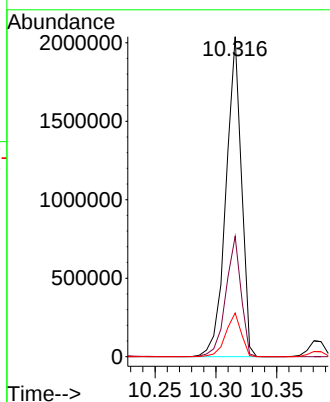
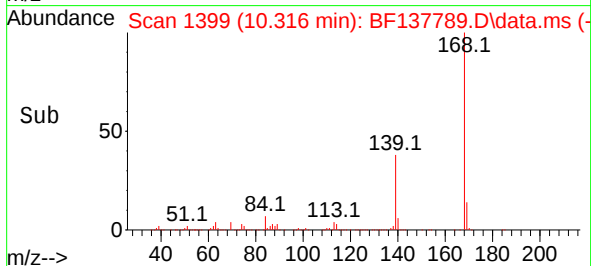
Instrument :
BNA_F
ClientSampleId :
PB160608BS



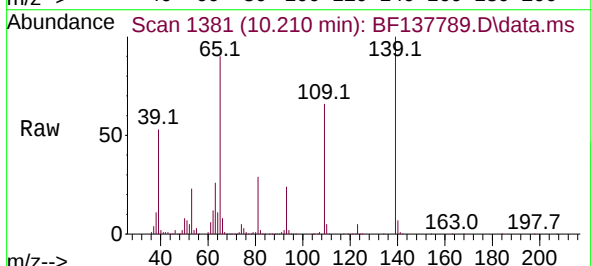
Tgt Ion:168 Resp: 1794660
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.6 11.4 17.0

Manual Integrations
APPROVED

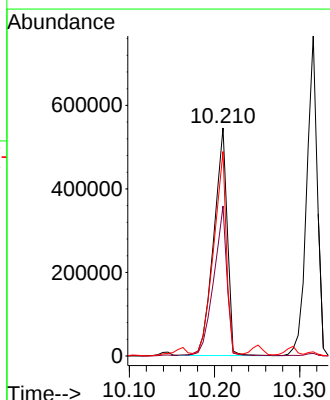
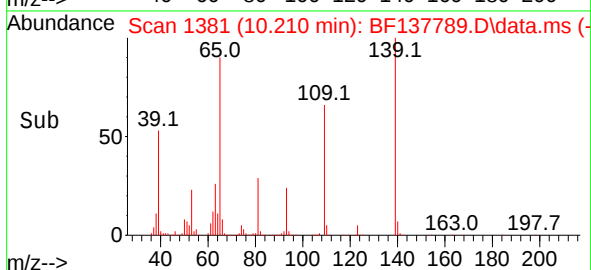
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

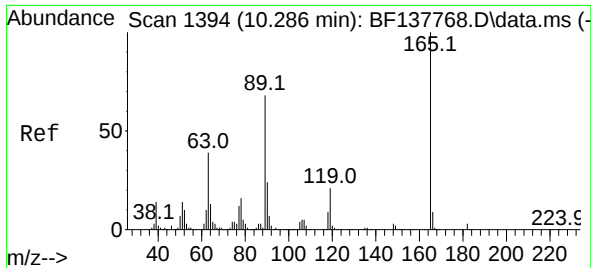


#56
4-Nitrophenol
Concen: 95.020 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:139 Resp: 604107
Ion Ratio Lower Upper
139 100
109 65.8 44.0 84.0
65 89.7 64.3 104.3





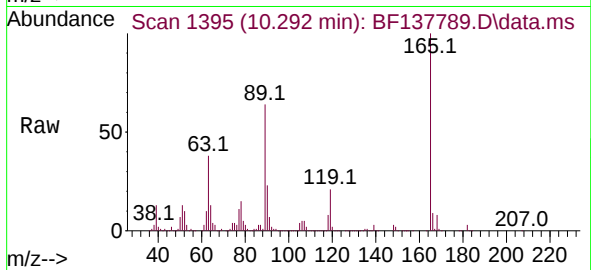
#57
2,4-Dinitrotoluene
Concen: 49.731 ng
RT: 10.292 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

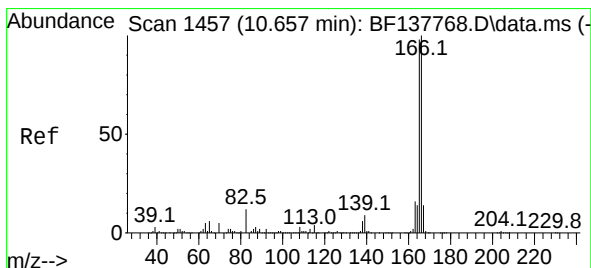
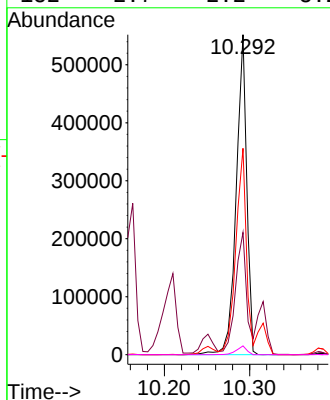
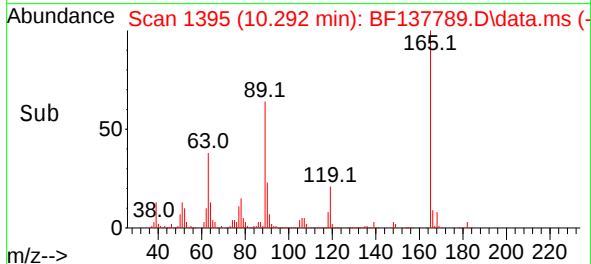


Tgt Ion:165 Resp: 475919
Ion Ratio Lower Upper
165 100
63 38.2 31.3 46.9
89 64.5 54.2 81.4
182 2.7 2.2 3.2

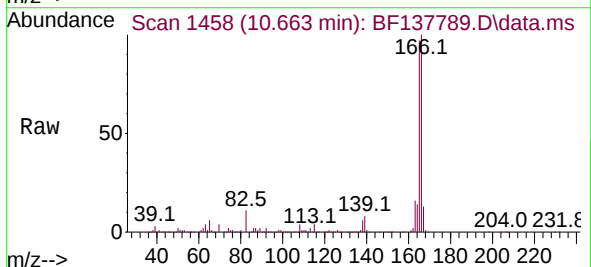
Manual Integrations

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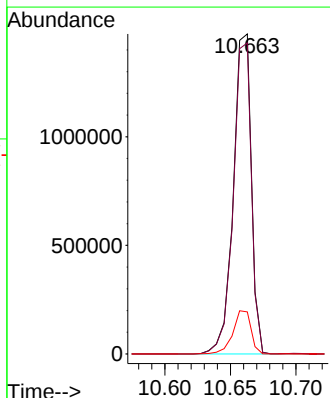
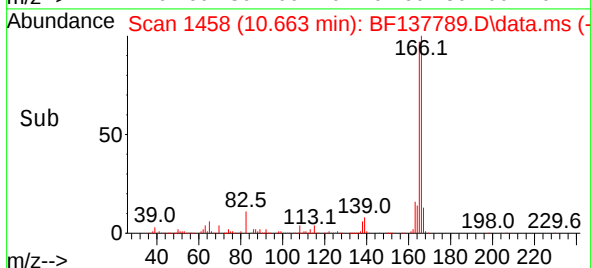
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

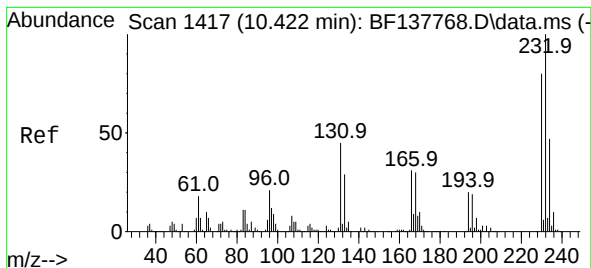


#58
Fluorene
Concen: 45.276 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



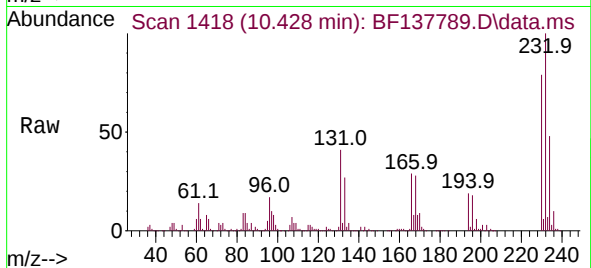
Tgt Ion:166 Resp: 1414468
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.546 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

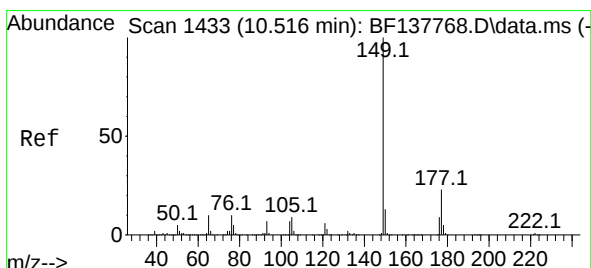
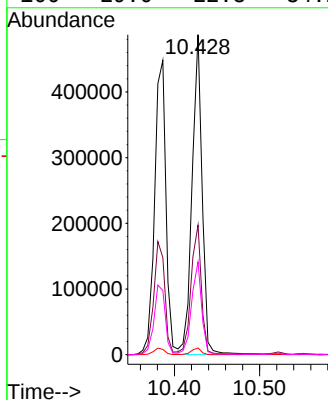
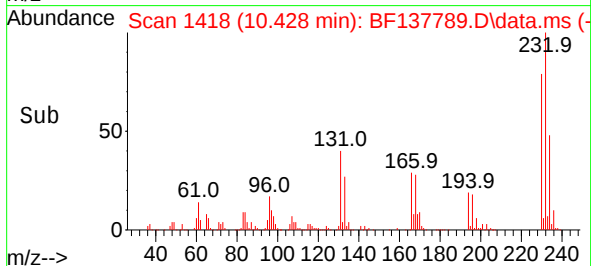
Instrument :
BNA_F
ClientSampleId :
PB160608BS



Tgt Ion:232 Resp: 398370
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.1 1.7 2.5
166 29.0 22.8 34.2

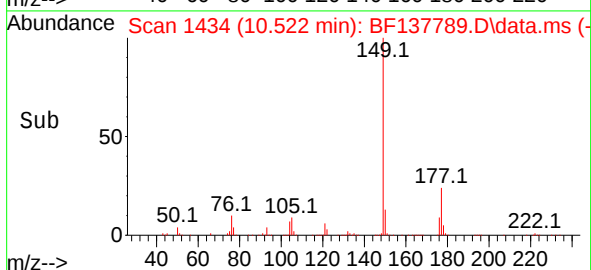
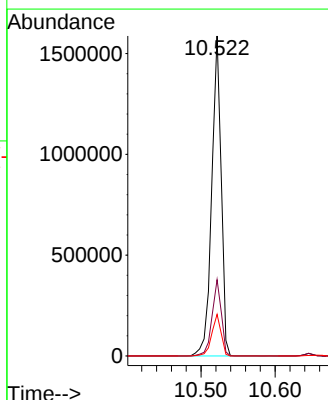
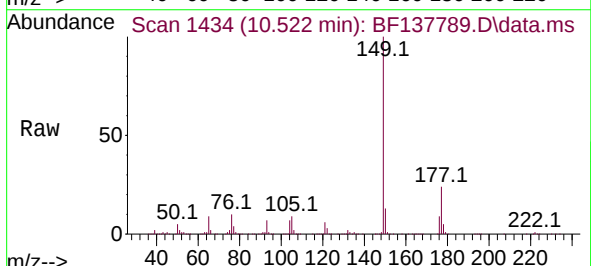
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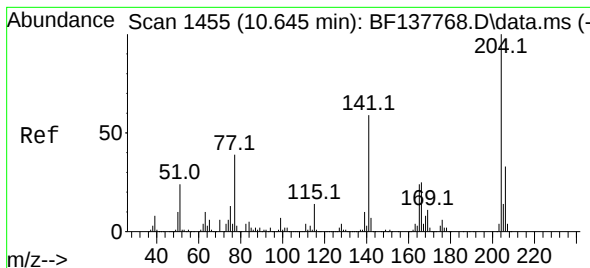
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 46.063 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:149 Resp: 1402262
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 13.0 10.5 15.7





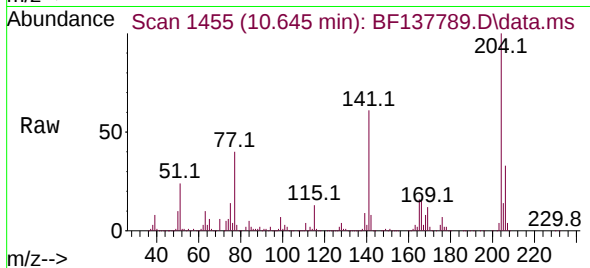
#61
4-Chlorophenyl-phenylether
Concen: 44.814 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

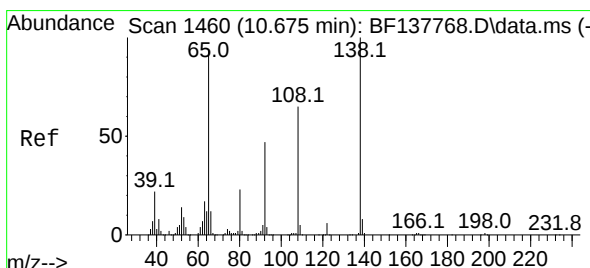
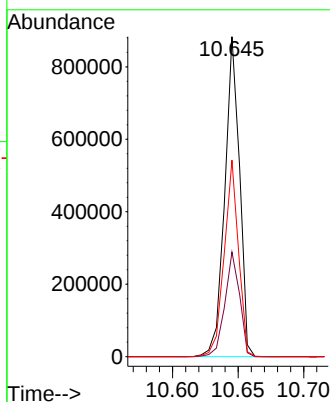
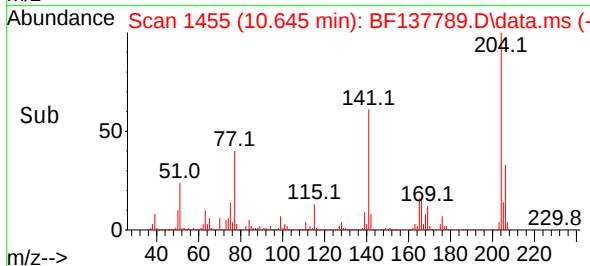


Tgt Ion:204 Resp: 689824
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 61.4 47.0 70.6

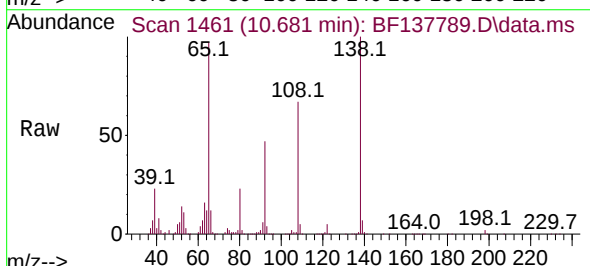
Manual Integrations

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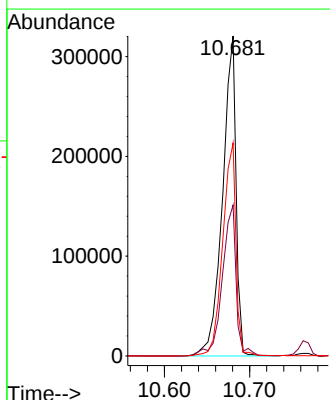
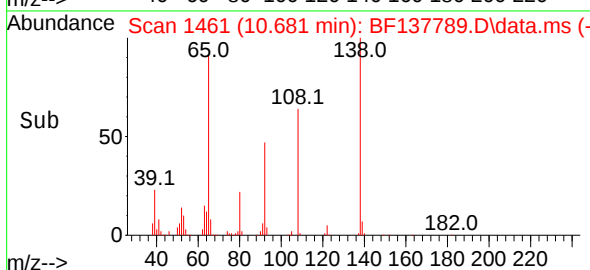
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

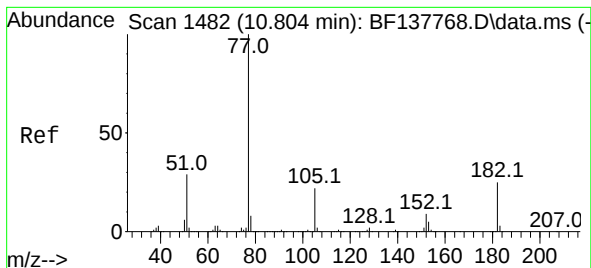


#62
4-Nitroaniline
Concen: 45.487 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:138 Resp: 353916
Ion Ratio Lower Upper
138 100
92 47.2 26.8 66.8
108 66.5 44.7 84.7





#63

Azobenzene

Concen: 45.700 ng

RT: 10.810 min Scan# 1482

Delta R.T. 0.006 min

Lab File: BF137789.D

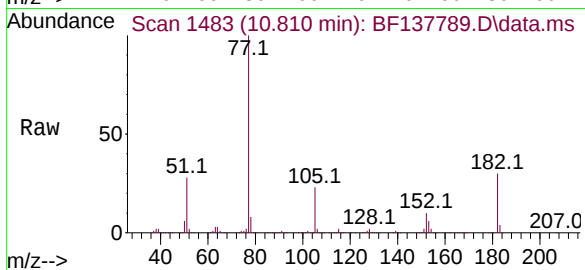
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS



Tgt Ion: 77 Resp: 1344599

Ion Ratio Lower Upper

77 100

182 30.0 5.1 45.1

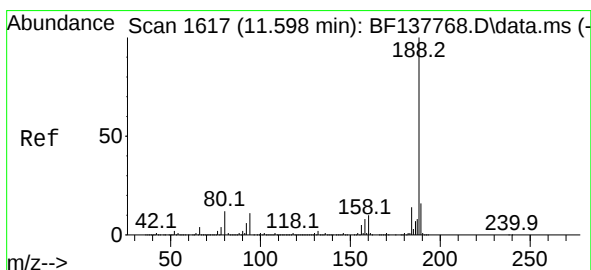
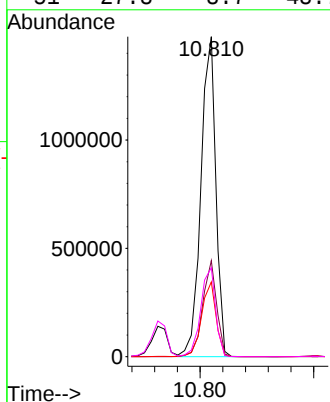
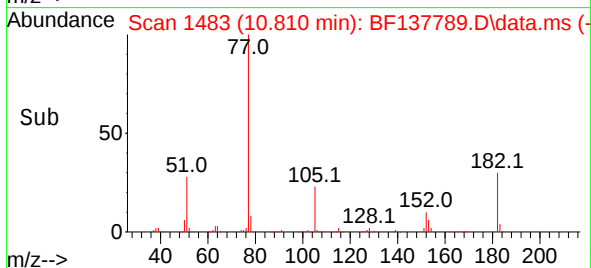
105 23.4 2.2 42.2

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: BF137789.D

Acq: 01 May 2024 13:13

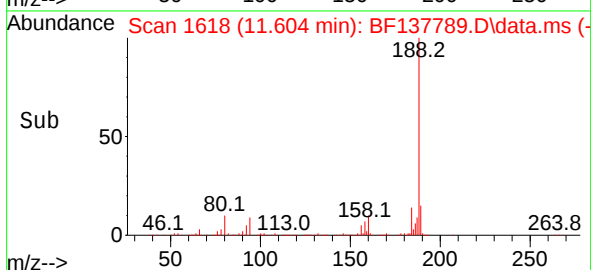
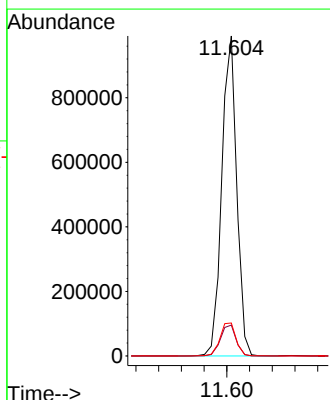
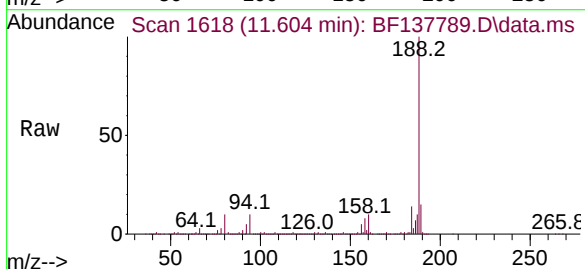
Tgt Ion:188 Resp: 905737

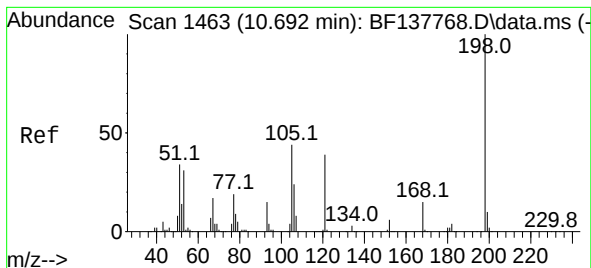
Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

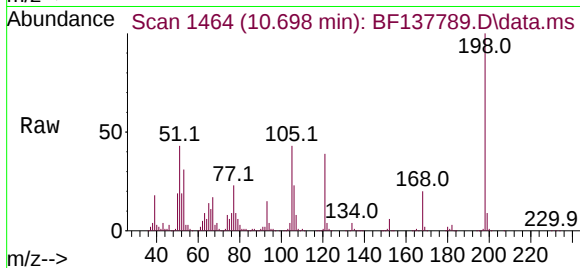
80 10.3 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.802 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

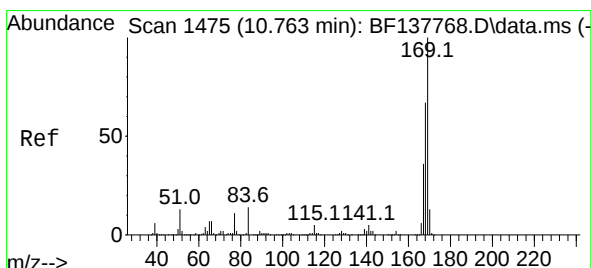
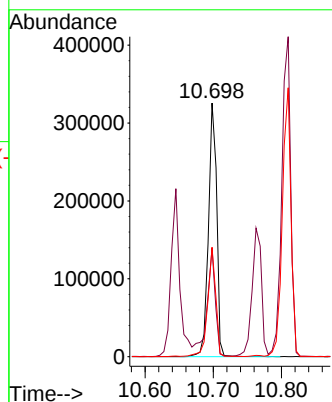
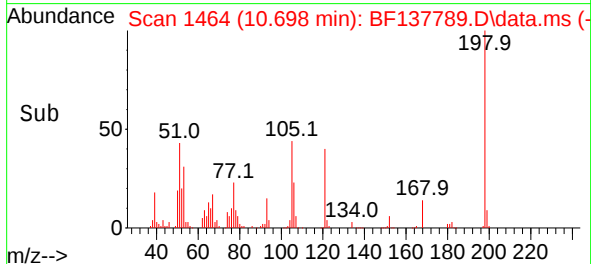
Instrument :
BNA_F
ClientSampleId :
PB160608BS



Tgt Ion:198 Resp: 274499
Ion Ratio Lower Upper
198 100
51 42.7 25.1 65.1
105 43.2 24.1 64.1

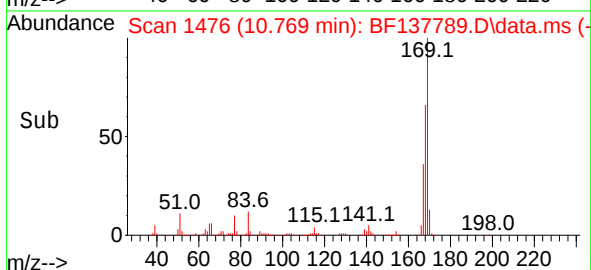
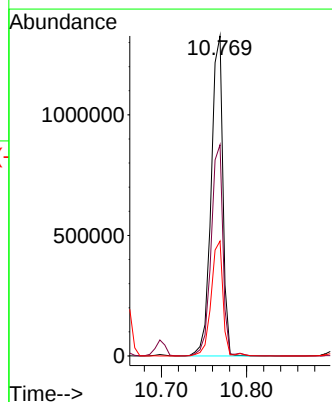
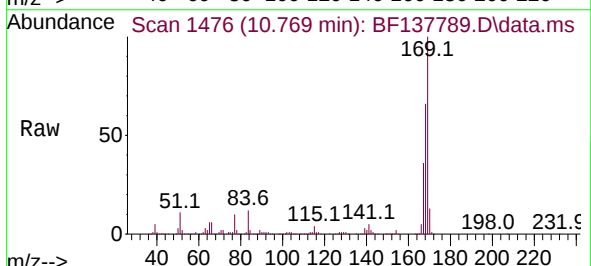
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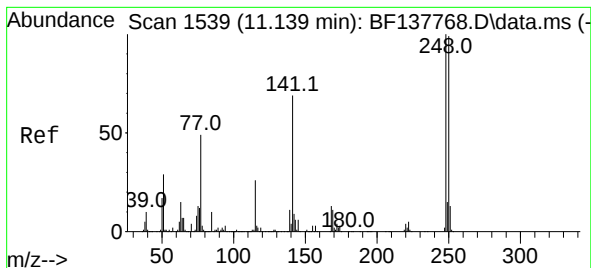
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 46.609 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:169 Resp: 1263664
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 35.9 29.2 43.8





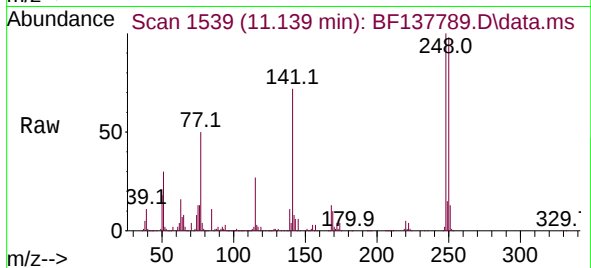
#67
4-Bromophenyl-phenylether
Concen: 45.771 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

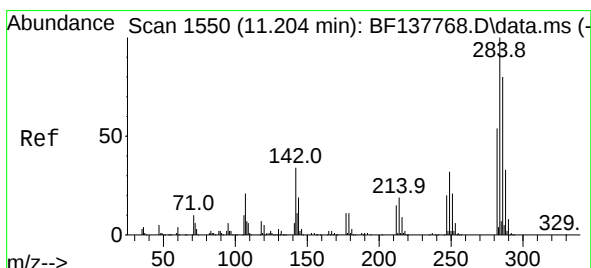
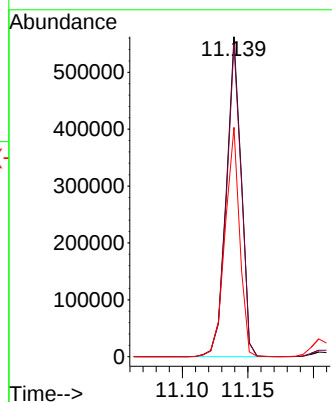
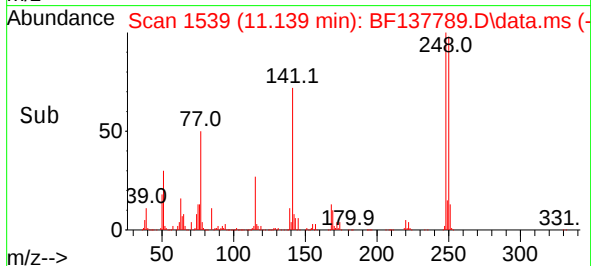


Tgt Ion:248 Resp: 443679
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 71.7 55.4 83.2

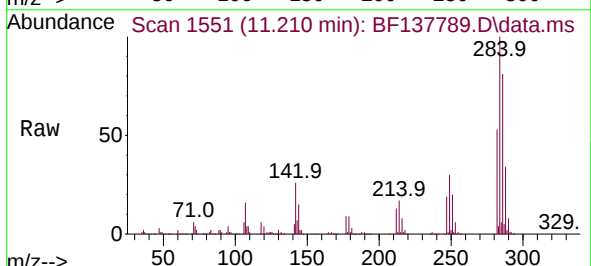
Manual Integrations

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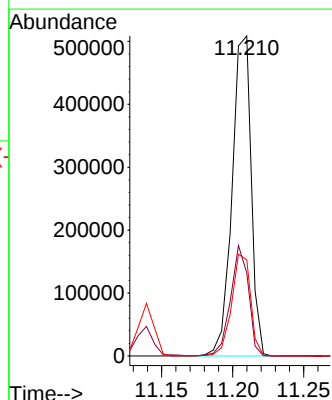
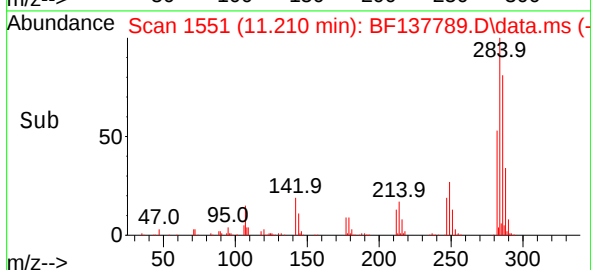
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

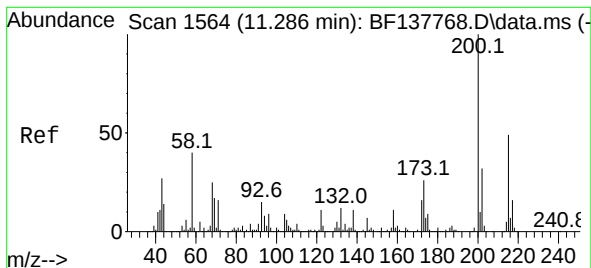


#68
Hexachlorobenzene
Concen: 45.125 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:284 Resp: 478009
Ion Ratio Lower Upper
284 100
142 26.0 27.3 40.9#
249 30.0 25.6 38.4





#69

Atrazine

Concen: 50.823 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137789.D

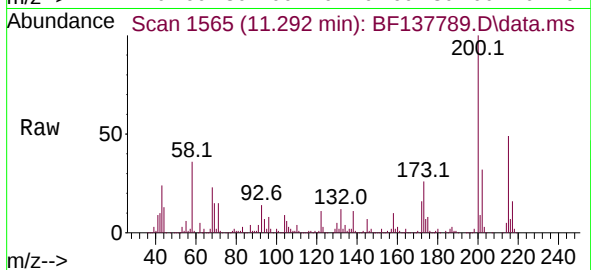
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS



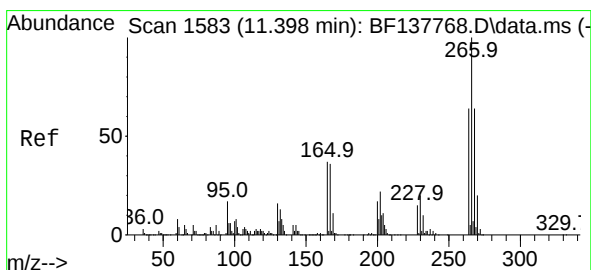
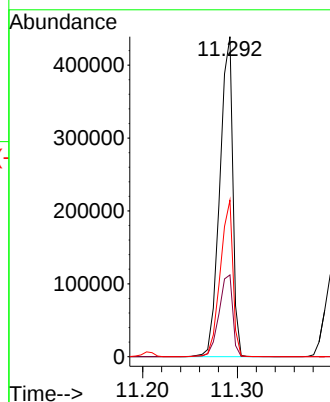
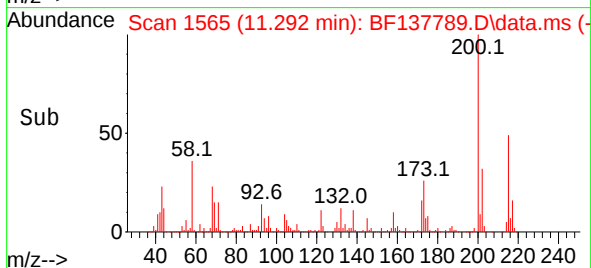
Tgt Ion:200 Resp: 420140

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.9	45.9
215	48.9	28.8	68.8

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



#70

Pentachlorophenol

Concen: 87.766 ng

RT: 11.404 min Scan# 1584

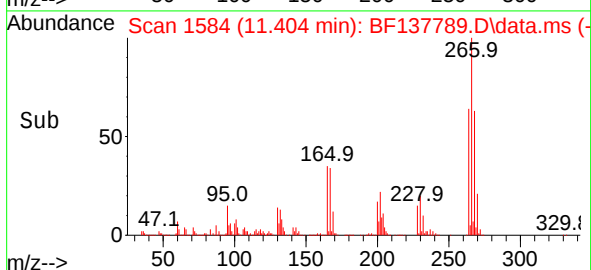
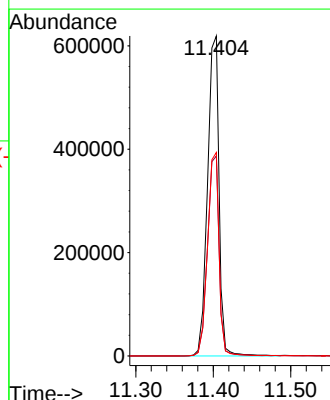
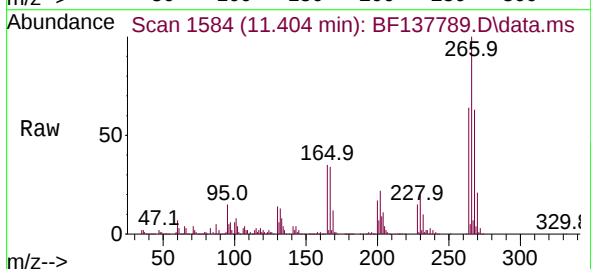
Delta R.T. 0.006 min

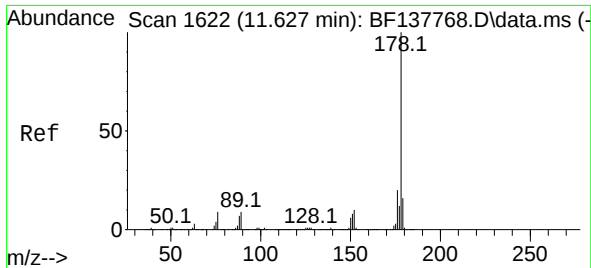
Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:266 Resp: 638279

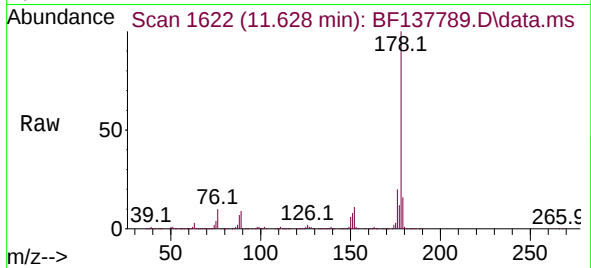
Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.3	76.9
264	63.6	51.0	76.4





#71
Phenanthrene
Concen: 46.259 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

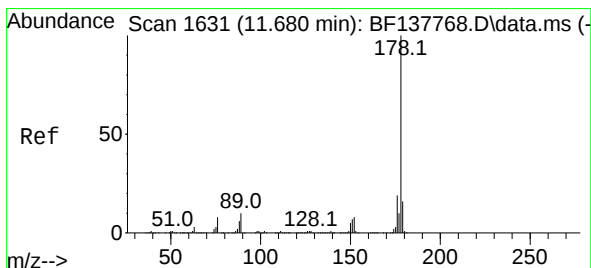
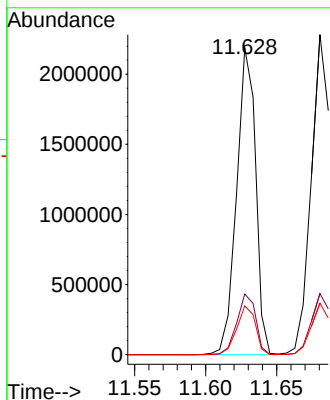
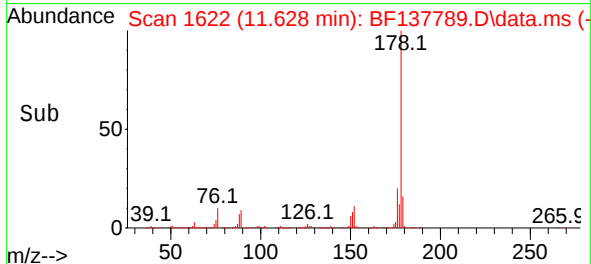
Instrument :
BNA_F
ClientSampleId :
PB160608BS



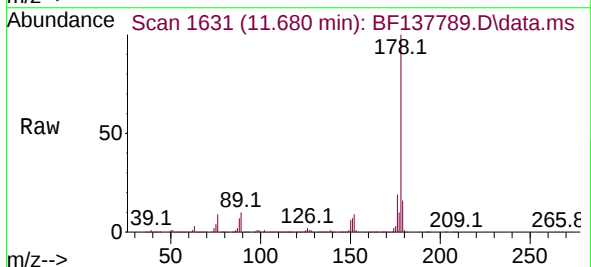
Tgt Ion:178 Resp: 2042210
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.9 12.5 18.7

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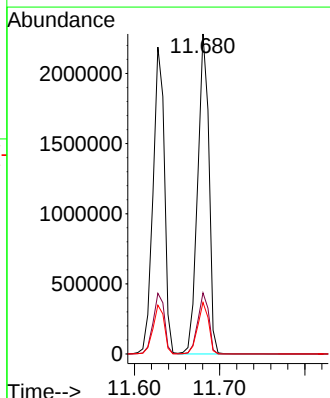
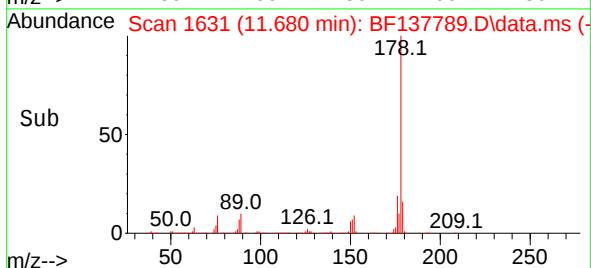
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

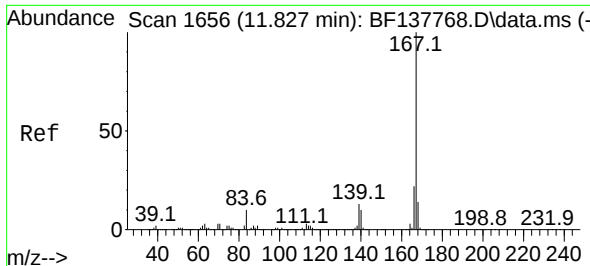


#72
Anthracene
Concen: 47.498 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:178 Resp: 2086406
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.1 12.6 18.8





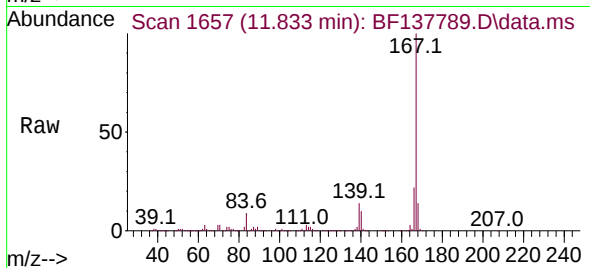
#73
 Carbazole
 Concen: 45.322 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137789.D
 Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

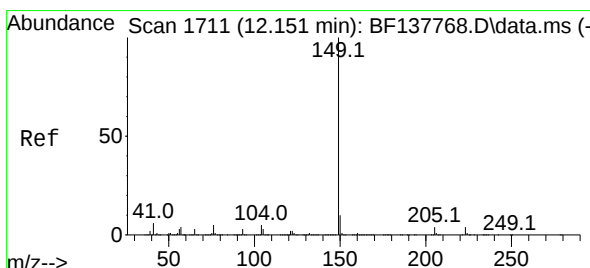
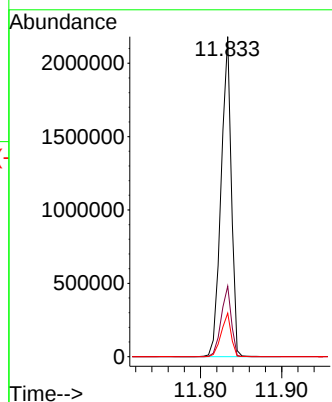
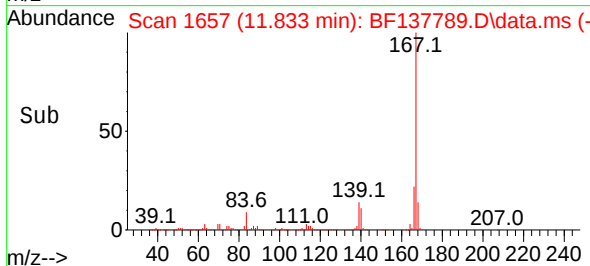


Tgt Ion:167 Resp: 191866
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.6 10.5 15.7

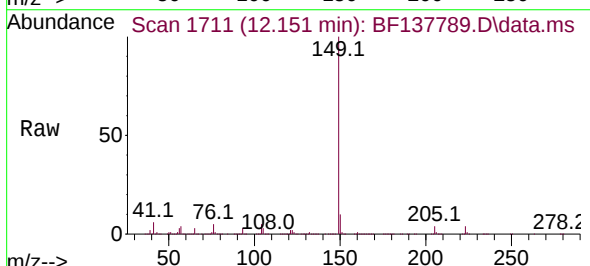
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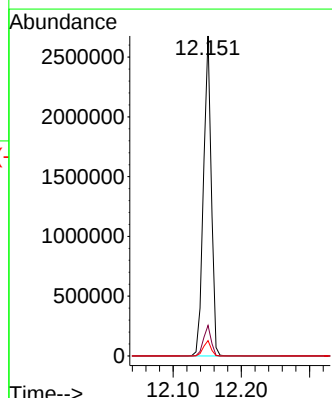
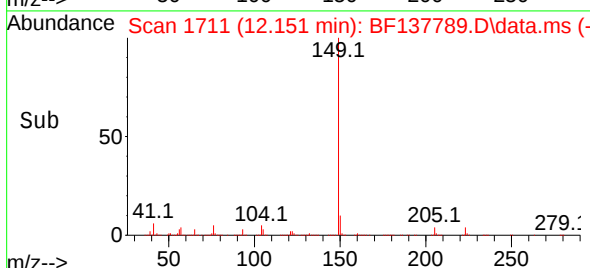
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

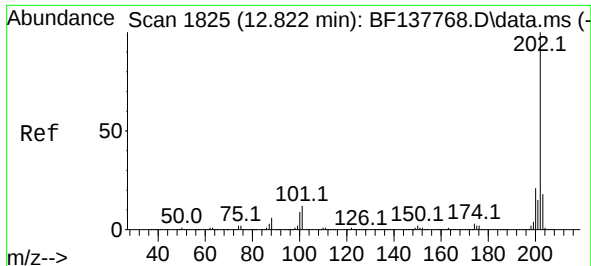


#74
 Di-n-butylphthalate
 Concen: 46.031 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BF137789.D
 Acq: 01 May 2024 13:13



Tgt Ion:149 Resp: 2125661
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.8 3.8 5.8





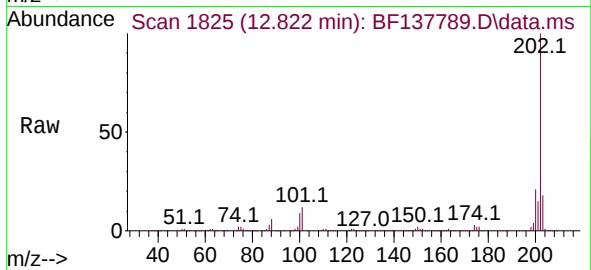
#75
Fluoranthene
Concen: 44.668 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

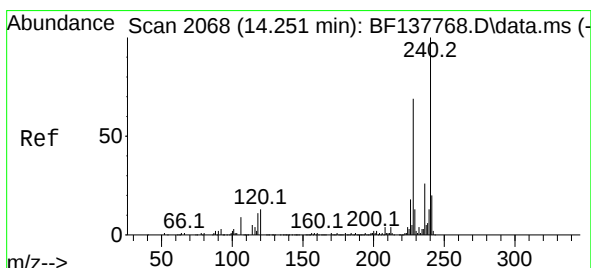
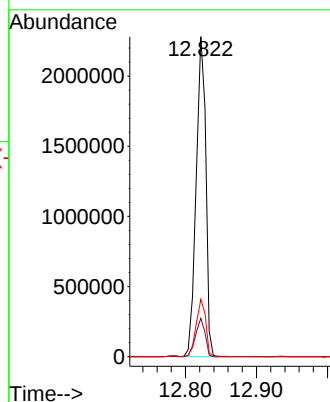
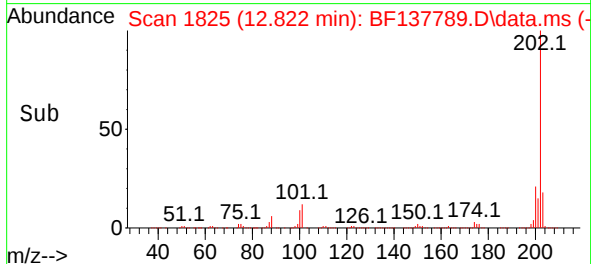


Tgt Ion:202 Resp: 2155580
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.9 0.0 37.8

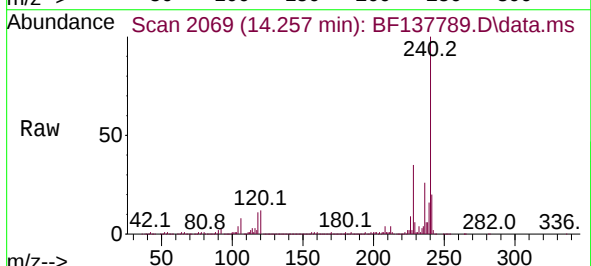
Manual Integrations

APPROVED

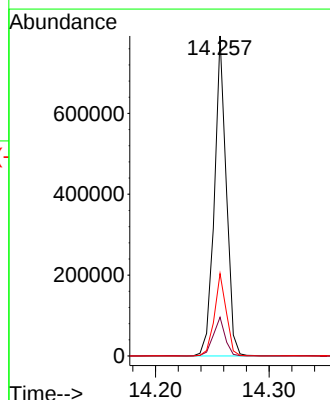
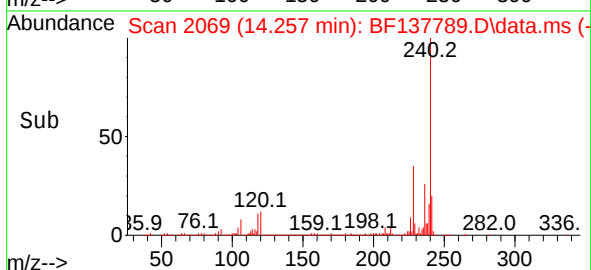
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

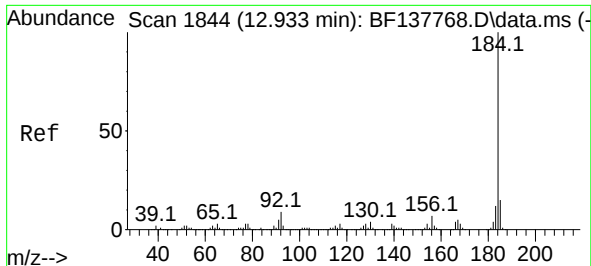


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:240 Resp: 575011
Ion Ratio Lower Upper
240 100
120 12.1 10.4 15.6
236 25.8 20.4 30.6





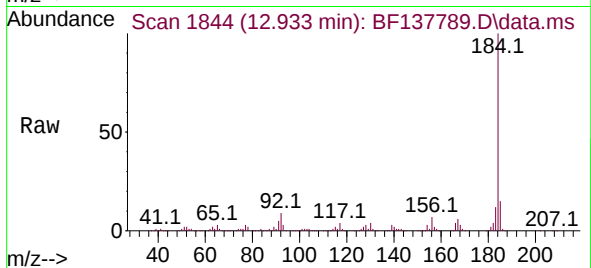
#77
Benzidine
Concen: 31.099 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

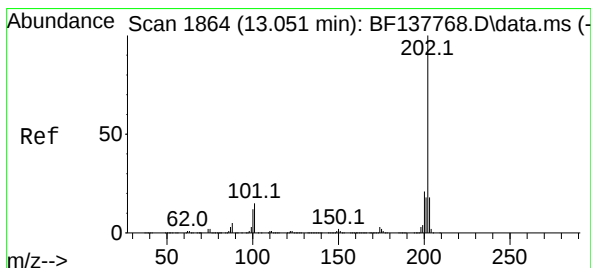
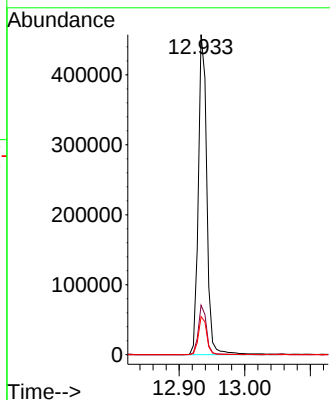
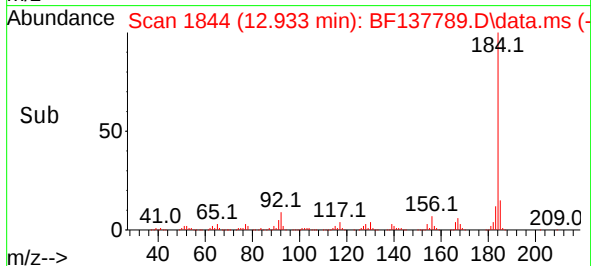


Tgt Ion:184 Resp: 413579
Ion Ratio Lower Upper
184 100
185 15.4 12.3 18.5
183 11.9 9.2 13.8

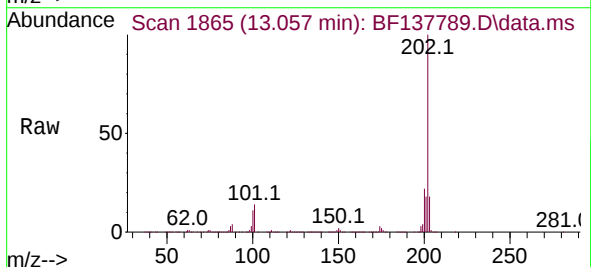
Manual Integrations

APPROVED

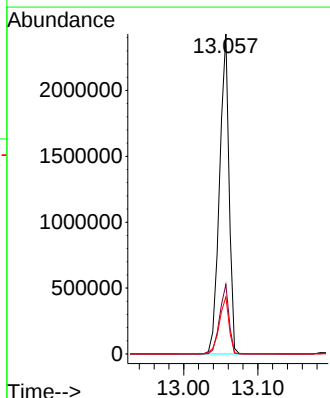
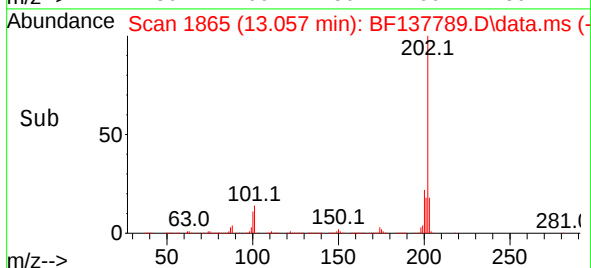
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

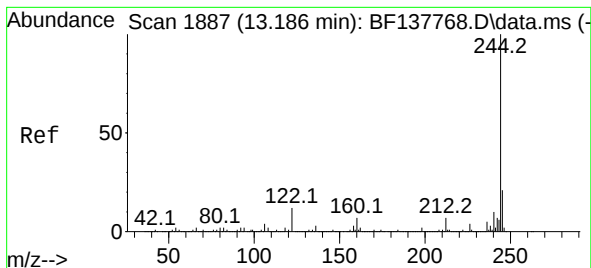


#78
Pyrene
Concen: 47.438 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13



Tgt Ion:202 Resp: 2162767
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 87.236 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137789.D

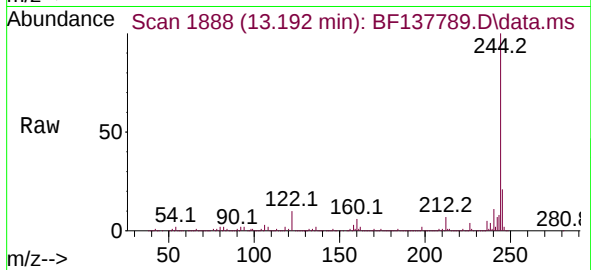
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS



Tgt Ion:244 Resp: 299317

Ion Ratio Lower Upper

244 100

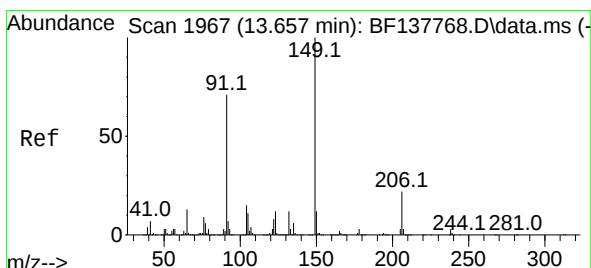
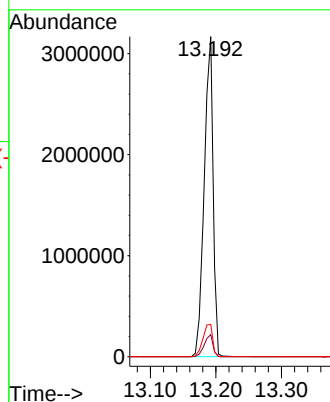
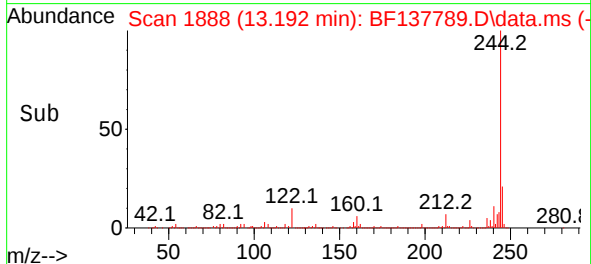
212 6.9 5.5 8.3

122 10.1 9.4 14.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 55.602 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

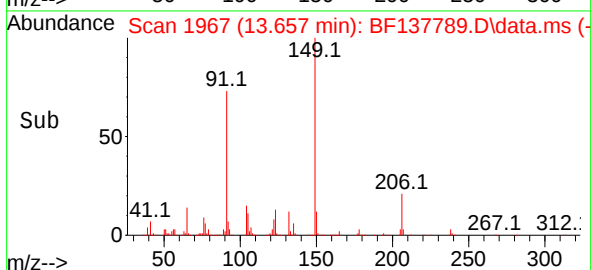
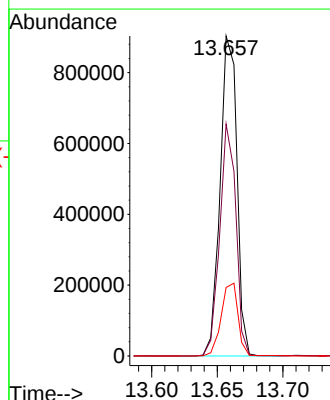
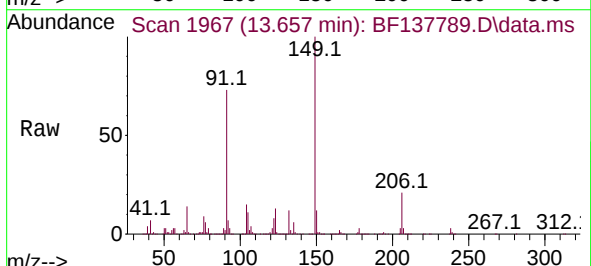
Tgt Ion:149 Resp: 804306

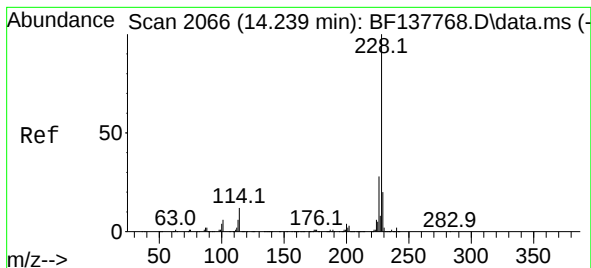
Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

206 21.4 17.8 26.8





#81

Benzo(a)anthracene

Concen: 49.018 ng

RT: 14.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:228 Resp: 180274

Ion Ratio Lower Upper

228 100

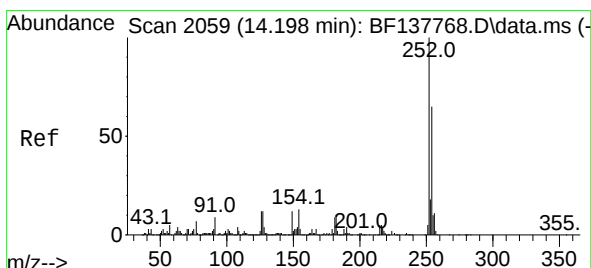
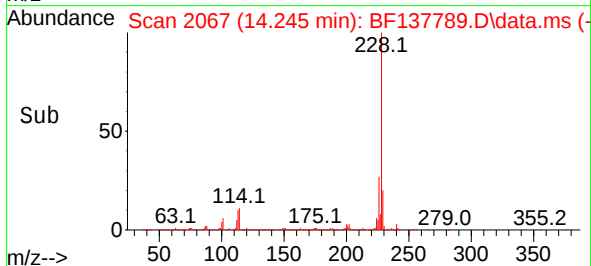
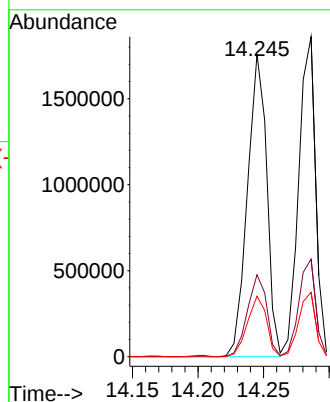
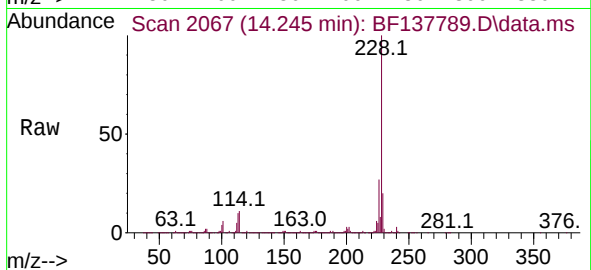
226 27.1 22.2 33.2

229 20.0 16.3 24.5

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 31.836 ng

RT: 14.204 min Scan# 2060

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

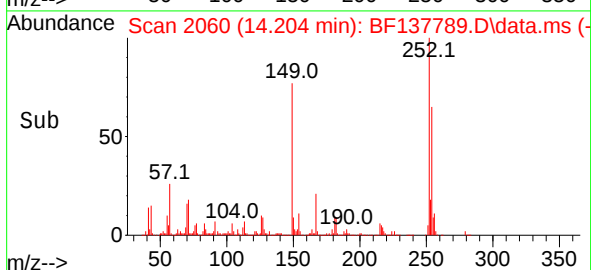
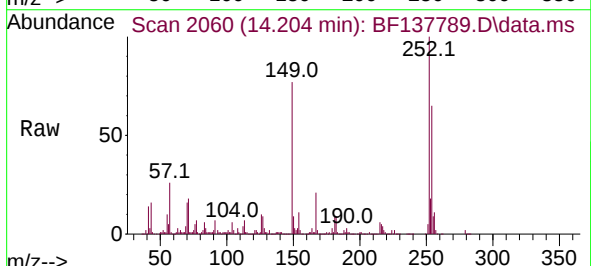
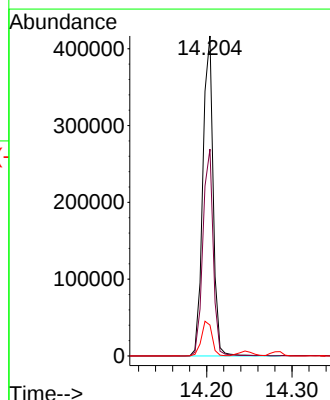
Tgt Ion:252 Resp: 350515

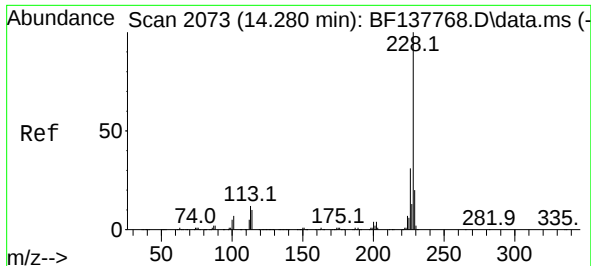
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 9.6 9.7 14.5#





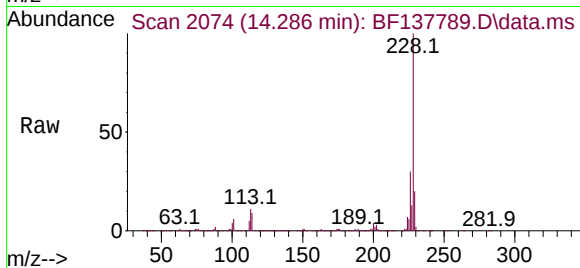
#83
Chrysene
Concen: 48.430 ng
RT: 14.286 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

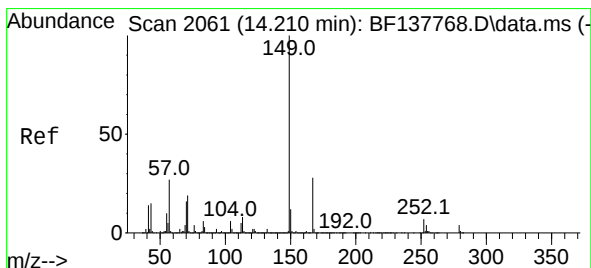
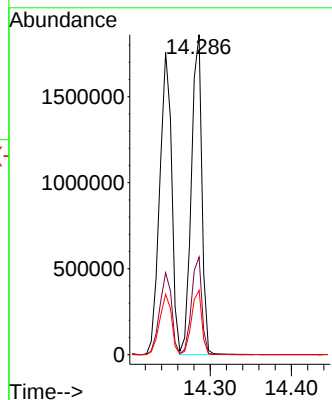
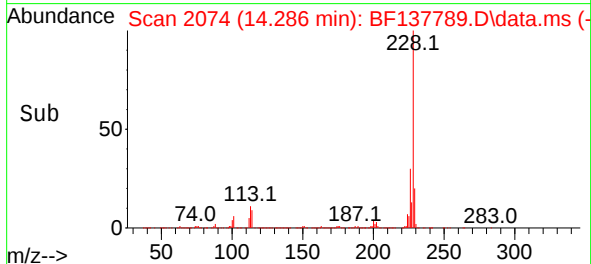


Tgt Ion:228 Resp: 1667718
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 20.1 16.0 24.0

Manual Integrations

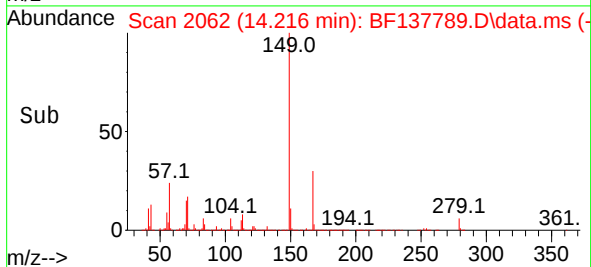
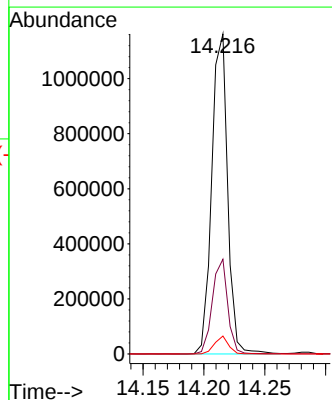
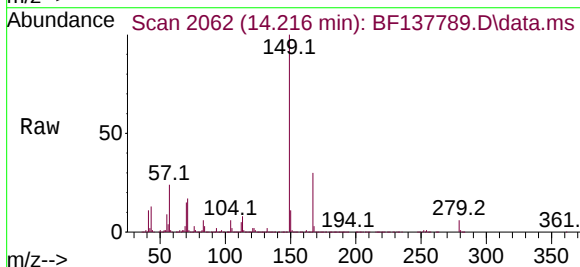
APPROVED

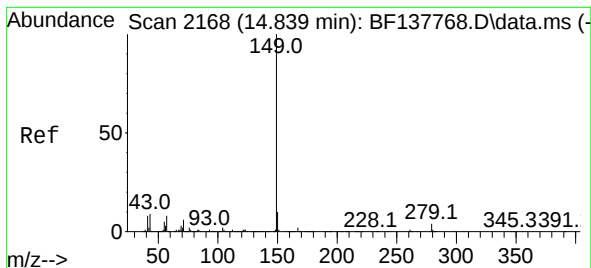
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.680 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:149 Resp: 1051541
Ion Ratio Lower Upper
149 100
167 29.6 22.4 33.6
279 5.6 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 65.157 ng

RT: 14.845 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:149 Resp: 1598610

Ion Ratio Lower Upper

149 100

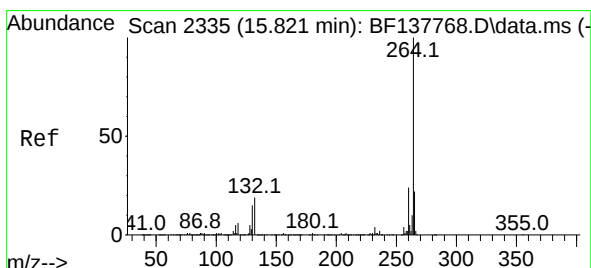
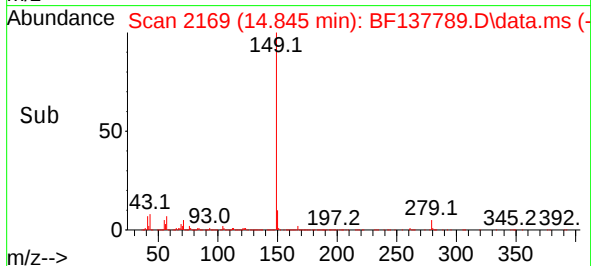
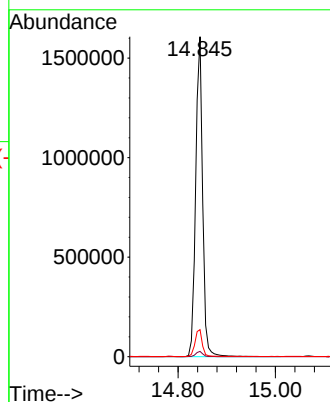
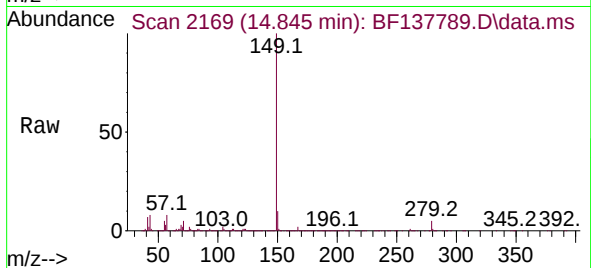
167 1.6 1.3 1.9

43 8.8 7.5 11.3

Manual Integrations

APPROVED

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: BF137789.D

Acq: 01 May 2024 13:13

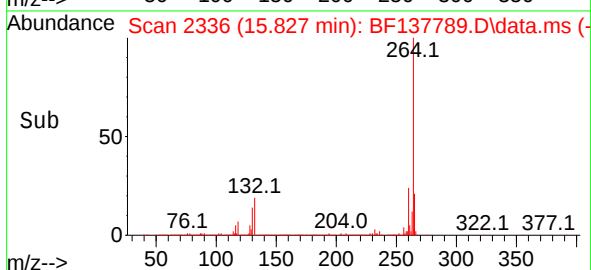
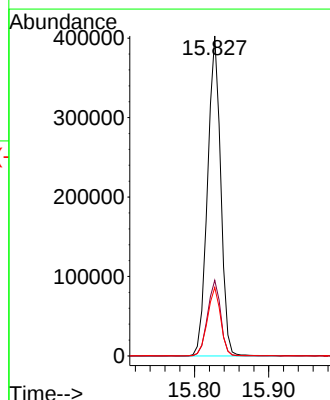
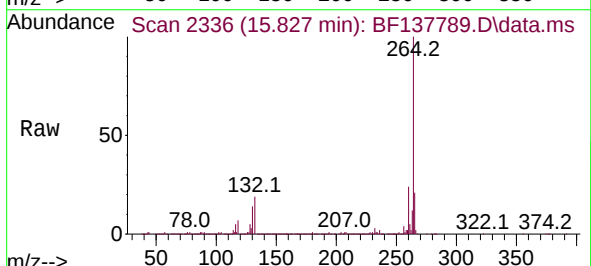
Tgt Ion:264 Resp: 495872

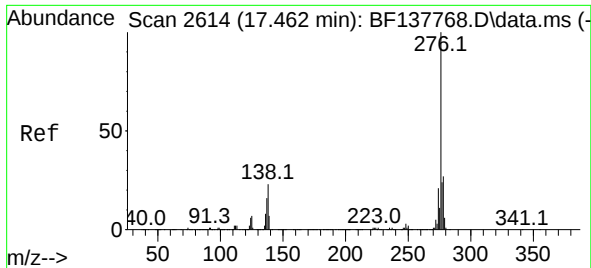
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.472 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.012 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

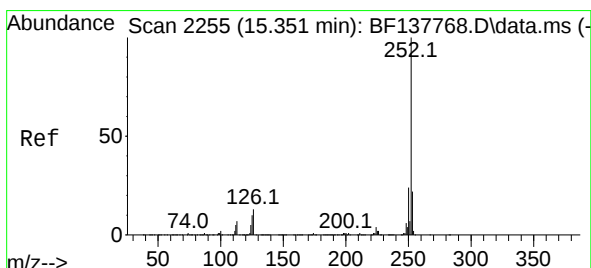
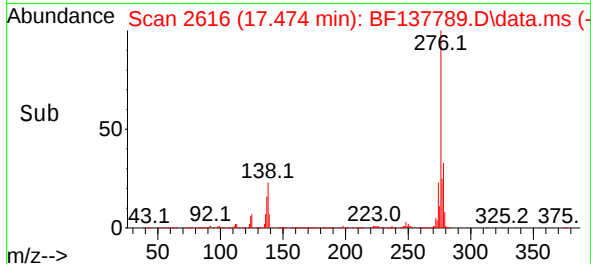
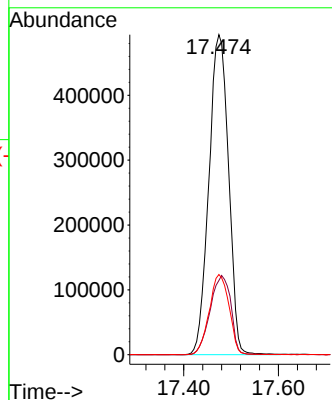
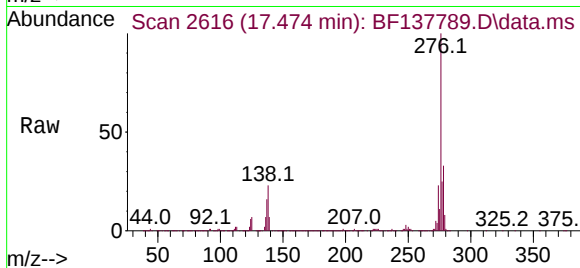
PB160608BS

Tgt Ion:276 Resp: 142291
Ion Ratio Lower Upper
276 100
138 26.1 21.4 32.0
277 25.4 20.1 30.1

Manual Integrations

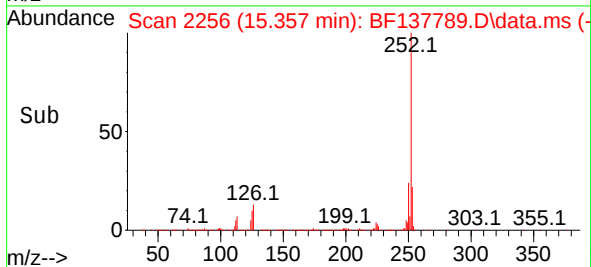
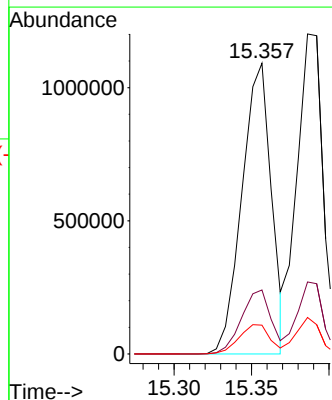
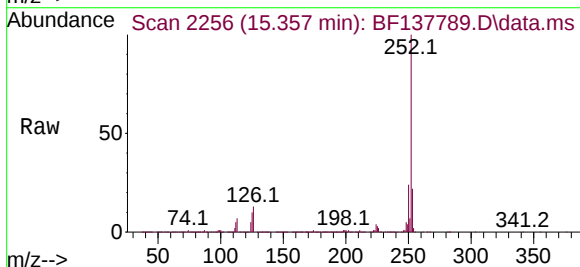
APPROVED

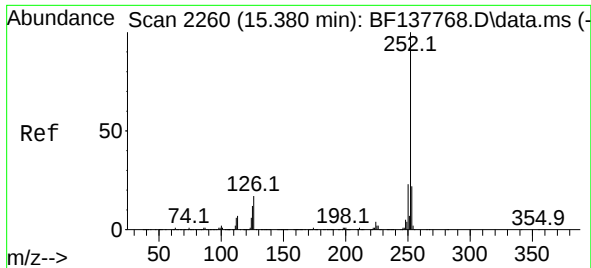
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88
Benzo(b)fluoranthene
Concen: 46.679 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF137789.D
Acq: 01 May 2024 13:13

Tgt Ion:252 Resp: 1440145
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.209 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:252 Resp: 140775

Ion Ratio Lower Upper

252 100

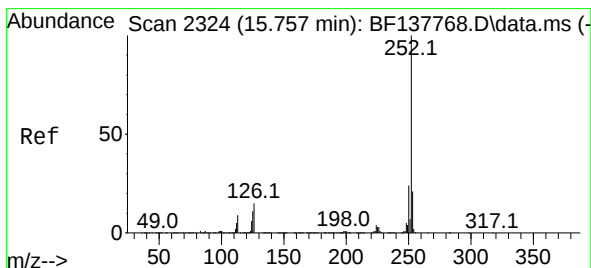
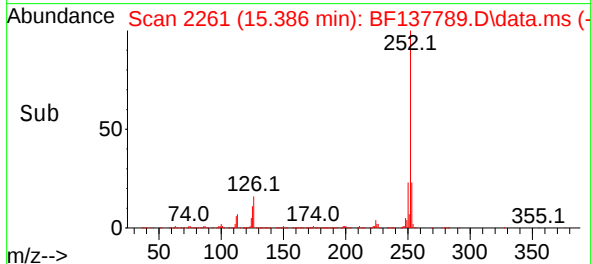
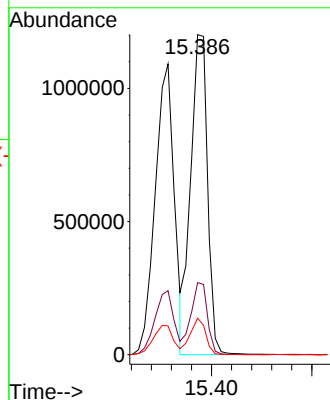
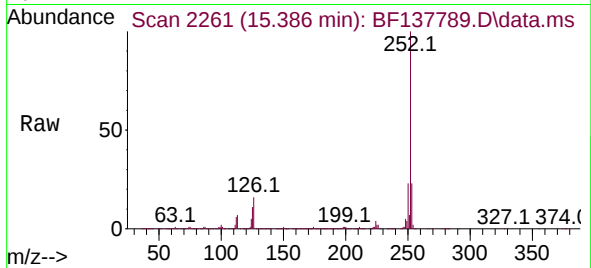
253 22.5 17.5 26.3

125 11.4 9.0 13.4

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 50.563 ng

RT: 15.763 min Scan# 2325

Delta R.T. 0.006 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

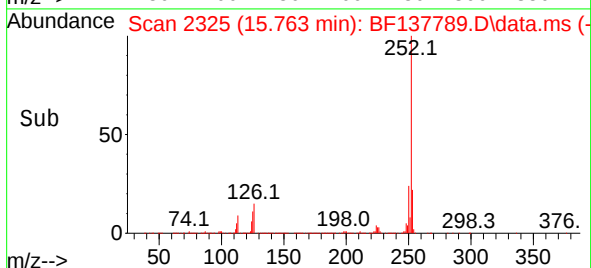
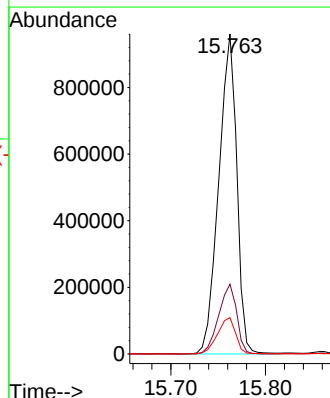
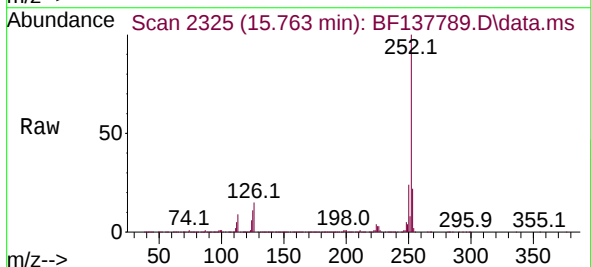
Tgt Ion:252 Resp: 1272666

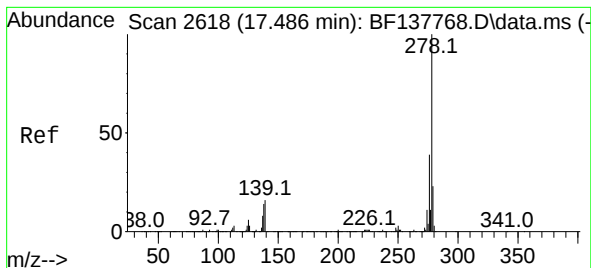
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.686 ng

RT: 17.498 min Scan# 2702

Delta R.T. 0.012 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB160608BS

Tgt Ion:278 Resp: 114017

Ion Ratio Lower Upper

278 100

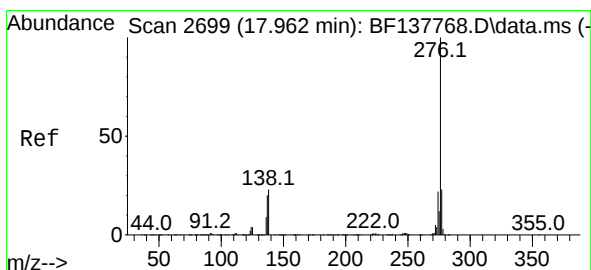
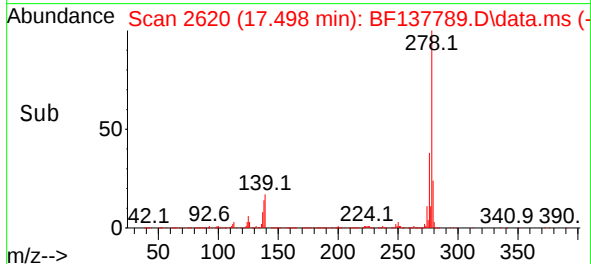
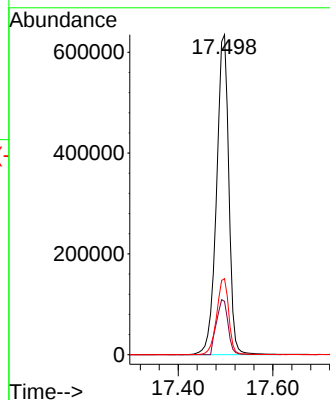
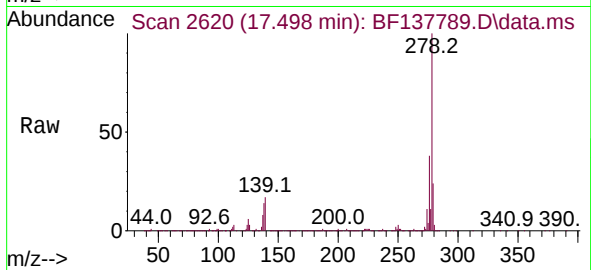
139 16.6 13.0 19.6

279 23.8 18.7 28.1

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 45.693 ng

RT: 17.980 min Scan# 2702

Delta R.T. 0.018 min

Lab File: BF137789.D

Acq: 01 May 2024 13:13

Tgt Ion:276 Resp: 1099184

Ion Ratio Lower Upper

276 100

277 23.1 18.0 27.0

138 22.6 18.1 27.1

