

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137899.D
 Acq On : 13 May 2024 13:17
 Operator : CG\JU
 Sample : PB160855BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 13 14:32:09 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	7.040	152	144383	20.000	ng	-0.02
21) Naphthalene-d8	8.328	136	566828	20.000	ng	-0.02
39) Acenaphthene-d10	10.086	164	324938	20.000	ng	-0.02
64) Phenanthrene-d10	11.580	188	574496	20.000	ng	-0.02
76) Chrysene-d12	14.233	240	396812	20.000	ng	-0.02
86) Perylene-d12	15.792	264	310445	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1079720	125.206	ng	0.00
7) Phenol-d6	6.663	99	1324673	121.106	ng	-0.01
23) Nitrobenzene-d5	7.604	82	814609	83.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.881	330	464395	139.975	ng	-0.02
45) 2-Fluorobiphenyl	9.404	172	1738633	86.807	ng	-0.02
79) Terphenyl-d14	13.169	244	2154209	90.979	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	132966	34.241	ng	97
3) Pyridine	3.793	79	322473	34.311	ng	96
4) n-Nitrosodimethylamine	3.757	42	161075	38.060	ng	95
6) Aniline	6.704	93	350057m	32.289	ng	
8) 2-Chlorophenol	6.828	128	415740	44.238	ng	97
9) Benzaldehyde	6.593	77	136595	23.189	ng	99
10) Phenol	6.675	94	461292	41.157	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	364697	41.556	ng	99
12) 1,3-Dichlorobenzene	6.987	146	439778	41.498	ng	97
13) 1,4-Dichlorobenzene	7.057	146	446564	41.995	ng	100
14) 1,2-Dichlorobenzene	7.210	146	425775	42.511	ng	98
15) Benzyl Alcohol	7.181	79	328121	43.378	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	456151	36.979	ng	96
17) 2-Methylphenol	7.281	107	326287	43.028	ng	100
18) Hexachloroethane	7.557	117	152477	42.415	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	263171	40.260	ng	94
20) 3+4-Methylphenols	7.434	107	420431	42.141	ng	92
22) Acetophenone	7.451	105	554691	43.511	ng	97
24) Nitrobenzene	7.622	77	404466	40.224	ng	97
25) Isophorone	7.857	82	743343	42.257	ng	100
26) 2-Nitrophenol	7.940	139	214878	47.189	ng	97
27) 2,4-Dimethylphenol	7.963	122	303707	46.329	ng	94
28) bis(2-Chloroethoxy)met...	8.063	93	445443	41.823	ng	100
29) 2,4-Dichlorophenol	8.175	162	353333	44.592	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	373282	43.214	ng	99
31) Naphthalene	8.351	128	1205852	42.808	ng	100
32) Benzoic acid	8.081	122	233366	41.264	ng	95
33) 4-Chloroaniline	8.392	127	151901	14.542	ng	97
34) Hexachlorobutadiene	8.457	225	228606	43.107	ng	99
35) Caprolactam	8.757	113	115350m	45.946	ng	
36) 4-Chloro-3-methylphenol	8.863	107	369724	44.744	ng	93
37) 2-Methylnaphthalene	9.039	142	799348	43.839	ng	99
38) 1-Methylnaphthalene	9.139	142	737174	41.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	376473	43.745	ng	99
41) Hexachlorocyclopentadiene	9.192	237	444016	127.021	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	258614	44.145	ng	98

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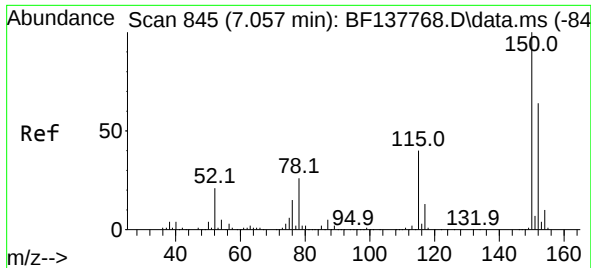
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	275565	42.600	ng	95
46) 1,1'-Biphenyl	9.504	154	958728	42.992	ng	99
47) 2-Chloronaphthalene	9.534	162	754555	41.911	ng	99
48) 2-Nitroaniline	9.622	65	212962	43.615	ng	98
49) Acenaphthylene	9.951	152	1209665	46.447	ng	100
50) Dimethylphthalate	9.798	163	919775	44.839	ng	100
51) 2,6-Dinitrotoluene	9.863	165	203788	43.471	ng	98
52) Acenaphthene	10.122	154	800811	46.389	ng	98
53) 3-Nitroaniline	10.034	138	147218	29.988	ng	93
54) 2,4-Dinitrophenol	10.139	184	213750	92.797	ng	# 88
55) Dibenzofuran	10.298	168	1101124	43.832	ng	96
56) 4-Nitrophenol	10.186	139	347964	85.521	ng	95
57) 2,4-Dinitrotoluene	10.269	165	283255	46.250	ng	100
58) Fluorene	10.639	166	871484	43.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	234083	44.573	ng	98
60) Diethylphthalate	10.498	149	875091	44.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	427647	43.411	ng	100
62) 4-Nitroaniline	10.657	138	210221	42.218	ng	96
63) Azobenzene	10.786	77	801990	42.592	ng	97
65) 4,6-Dinitro-2-methylph...	10.681	198	152897	46.369	ng	83
66) n-Nitrosodiphenylamine	10.745	169	766510	44.573	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	272285	44.286	ng	97
68) Hexachlorobenzene	11.186	284	293020	43.611	ng	96
69) Atrazine	11.269	200	264084	50.364	ng	98
70) Pentachlorophenol	11.381	266	372378	80.726	ng	99
71) Phenanthrene	11.610	178	1256865	44.885	ng	99
72) Anthracene	11.657	178	1297488	46.569	ng	100
73) Carbazole	11.810	167	1180446	43.962	ng	99
74) Di-n-butylphthalate	12.128	149	1367870	46.700	ng	99
75) Fluoranthene	12.798	202	1350558	44.123	ng	100
77) Benzidine	12.916	184	178597	19.461	ng	99
78) Pyrene	13.033	202	1373997	43.671	ng	99
80) Butylbenzylphthalate	13.639	149	524935	52.586	ng	93
81) Benzo(a)anthracene	14.221	228	1168171	46.028	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	233833	30.776	ng	98
83) Chrysene	14.263	228	1106233	46.551	ng	98
84) Bis(2-ethylhexyl)phtha...	14.186	149	692649	55.056	ng	99
85) Di-n-octyl phthalate	14.816	149	1011488	59.741	ng	97
87) Indeno(1,2,3-cd)pyrene	17.421	276	816019	46.234	ng	99
88) Benzo(b)fluoranthene	15.321	252	897325	46.457	ng	99
89) Benzo(k)fluoranthene	15.357	252	861503	46.147	ng	99
90) Benzo(a)pyrene	15.727	252	765401	48.573	ng	100
91) Dibenzo(a,h)anthracene	17.439	278	661031	46.012	ng	99
92) Benzo(g,h,i)perylene	17.915	276	636482	42.262	ng	98

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



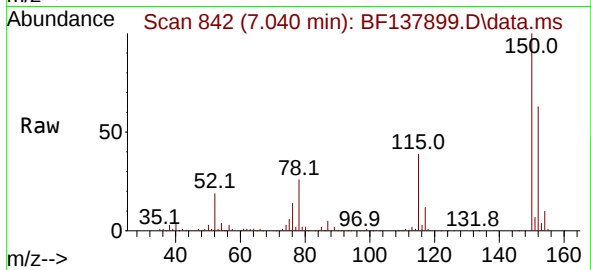
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.017 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

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PB160855BS

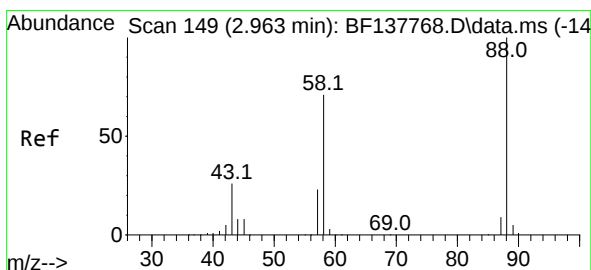
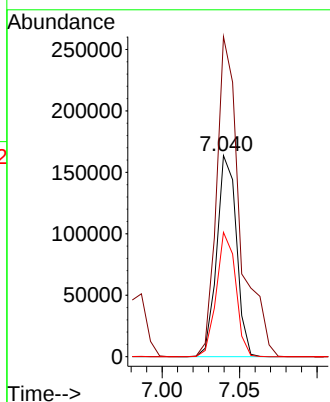
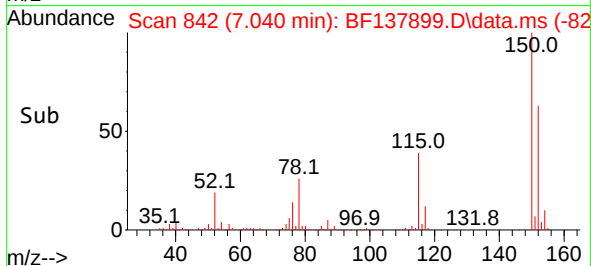


Tgt Ion:152 Resp: 14438
Ion Ratio Lower Upper
152 100
150 159.1 124.1 186.1
115 61.8 49.1 73.7

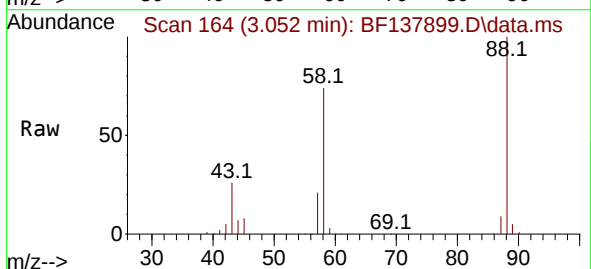
Manual Integrations

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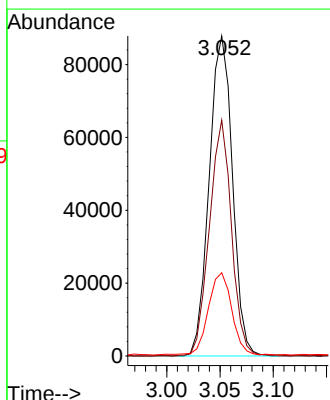
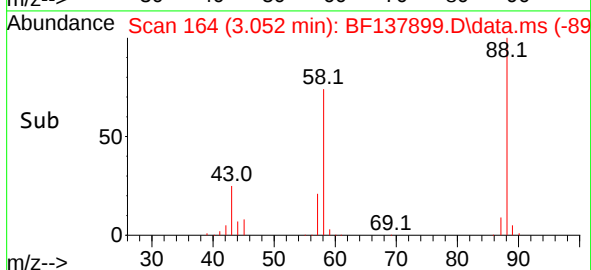
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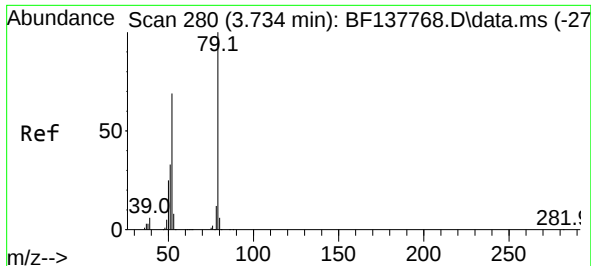


#2
1,4-Dioxane
Concen: 34.241 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.088 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



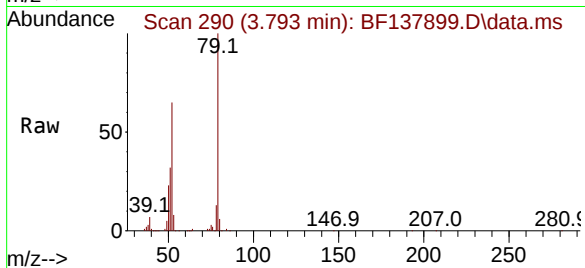
Tgt Ion: 88 Resp: 132966
Ion Ratio Lower Upper
88 100
58 70.2 58.8 88.2
43 26.0 21.4 32.0





#3
Pyridine
Concen: 34.311 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.059 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

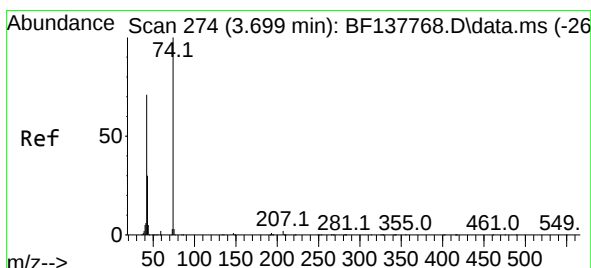
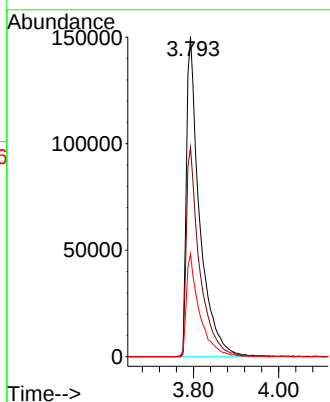
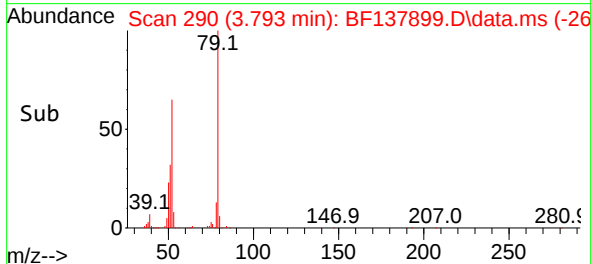
Instrument :
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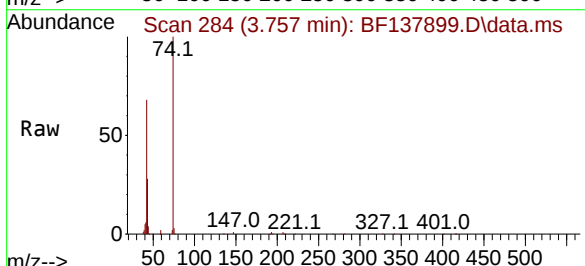
Tgt Ion: 79 Resp: 32247
Ion Ratio Lower Upper
79 100
52 65.5 55.5 83.3
51 32.2 26.9 40.3

Manual Integrations
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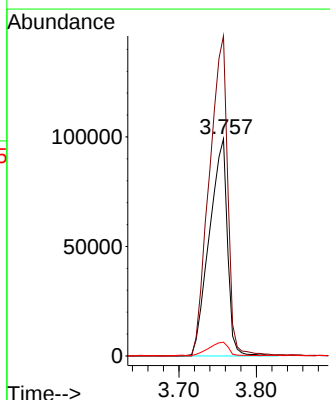
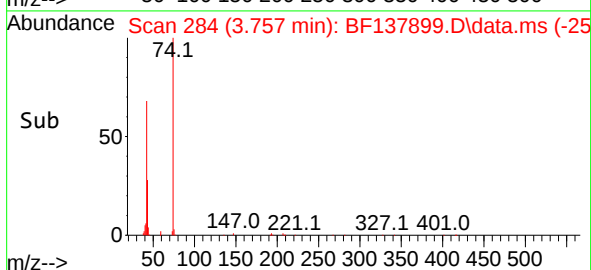
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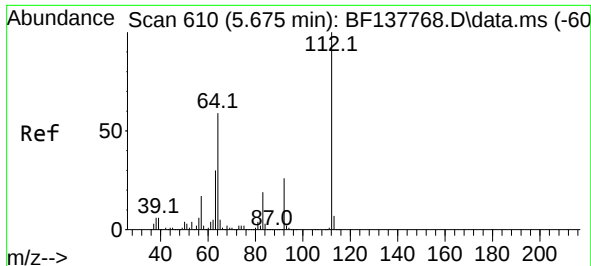


#4
n-Nitrosodimethylamine
Concen: 38.060 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.059 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion: 42 Resp: 161075
Ion Ratio Lower Upper
42 100
74 147.4 112.9 169.3
44 6.3 5.6 8.4





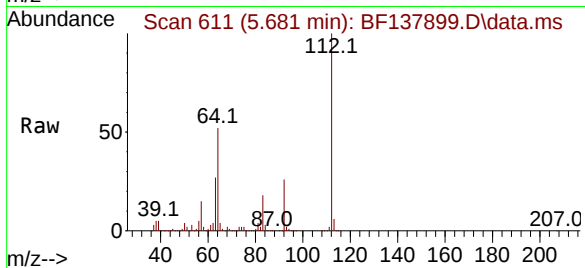
#5
2-Fluorophenol
Concen: 125.206 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

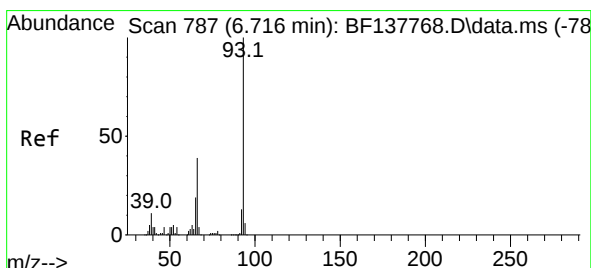
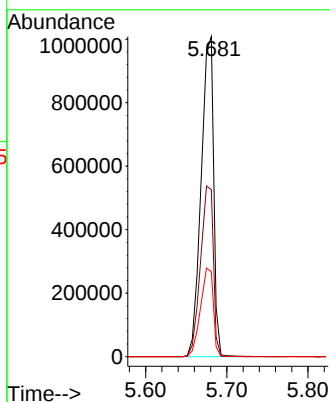
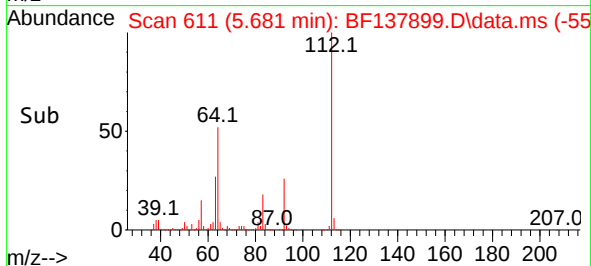


Tgt Ion:112 Resp: 1079720
Ion Ratio Lower Upper
112 100
64 52.2 47.3 70.9
63 26.6 23.7 35.5

Manual Integrations

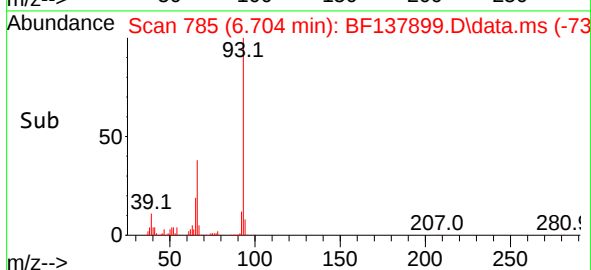
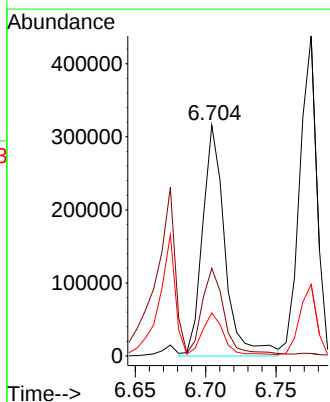
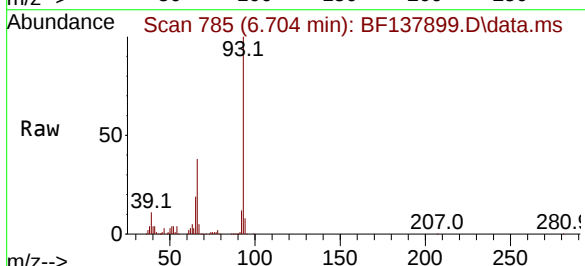
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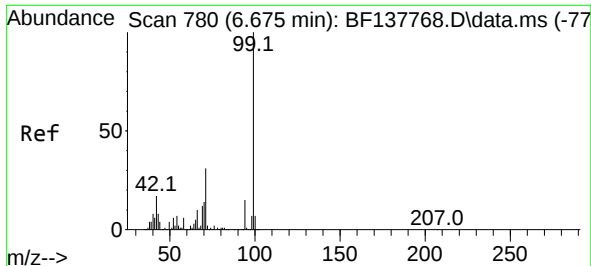
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#6
Aniline
Concen: 32.289 ng m
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

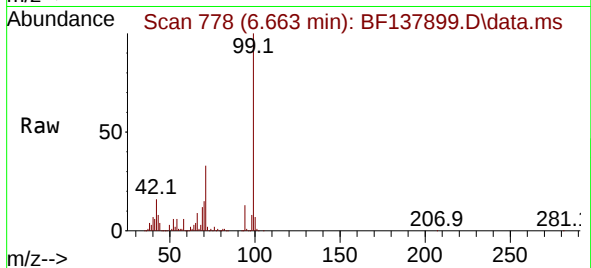
Tgt Ion: 93 Resp: 350057
Ion Ratio Lower Upper
93 100
66 37.9 31.8 47.6
65 18.7 15.4 23.2





#7
Phenol-d6
Concen: 121.106 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

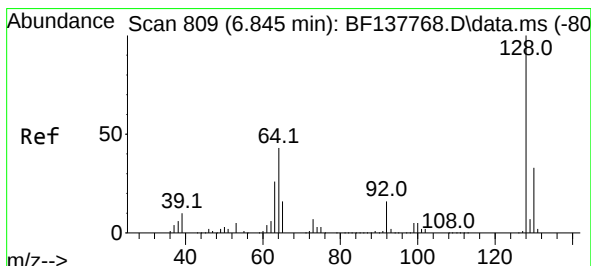
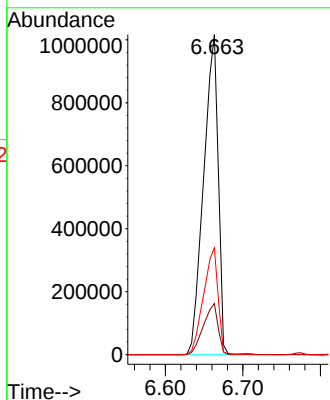
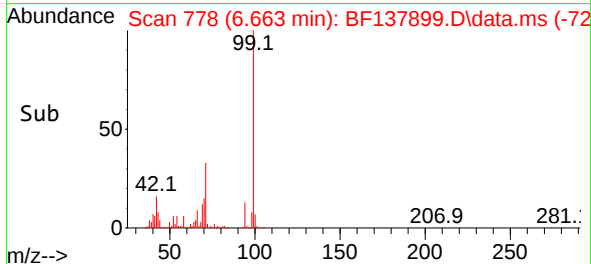
Instrument :
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Tgt Ion: 99 Resp: 132467
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 33.4 25.0 37.4

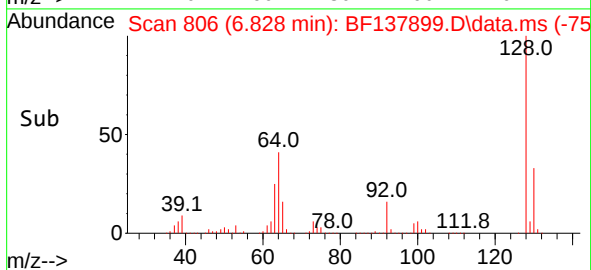
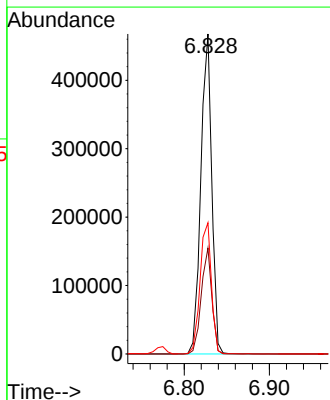
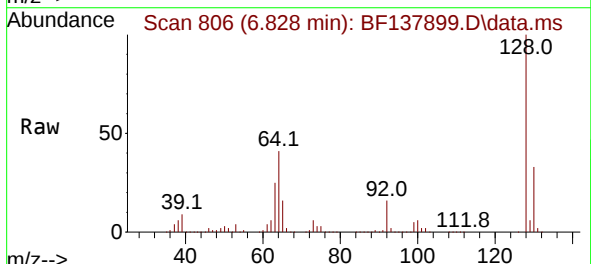
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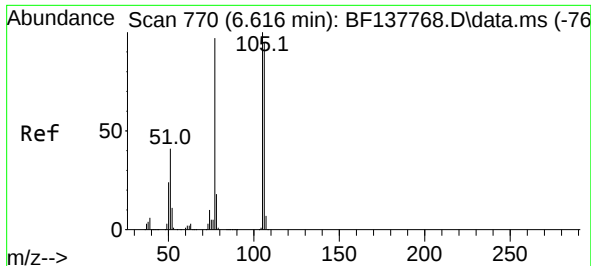
Reviewed By :Jagrut Upadhyay 05/14/2024
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#8
2-Chlorophenol
Concen: 44.238 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

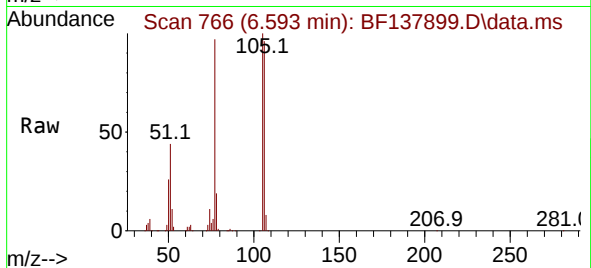
Tgt Ion:128 Resp: 415740
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 41.0 23.9 63.9





#9
Benzaldehyde
Concen: 23.189 ng
RT: 6.593 min Scan# 770
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

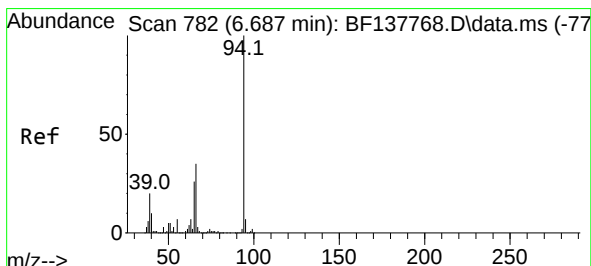
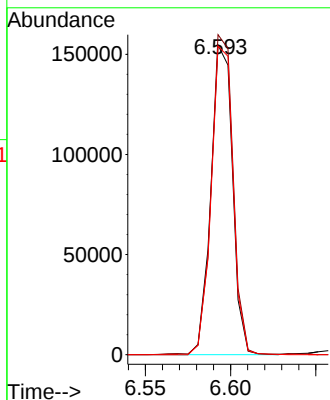
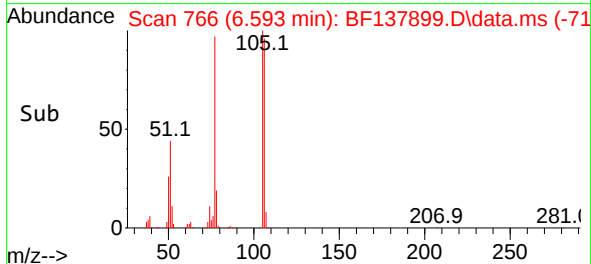
Instrument :
BNA_F
ClientSampleId :
PB160855BS



Tgt Ion: 77 Resp: 136598
Ion Ratio Lower Upper
77 100
105 103.4 83.2 123.2
106 99.7 77.7 117.7

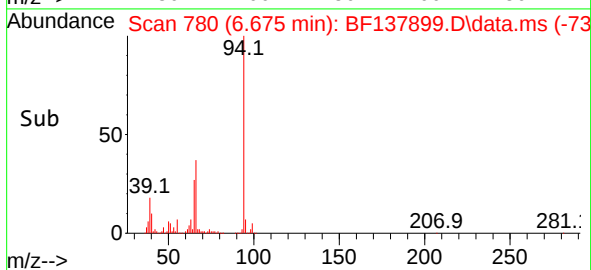
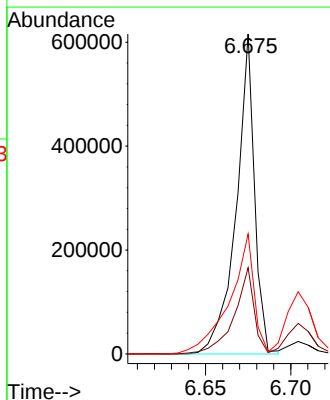
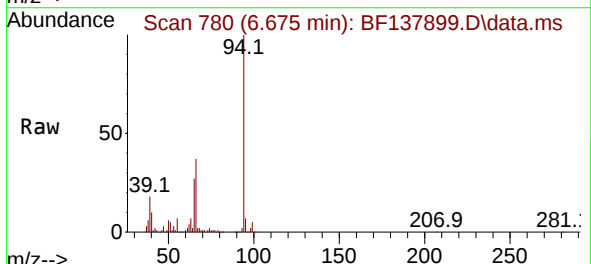
Manual Integrations
APPROVED

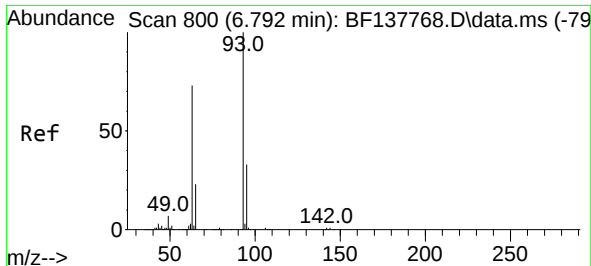
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#10
Phenol
Concen: 41.157 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 94 Resp: 461292
Ion Ratio Lower Upper
94 100
65 27.0 6.4 46.4
66 37.5 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 41.556 ng

RT: 6.775 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF137899.D

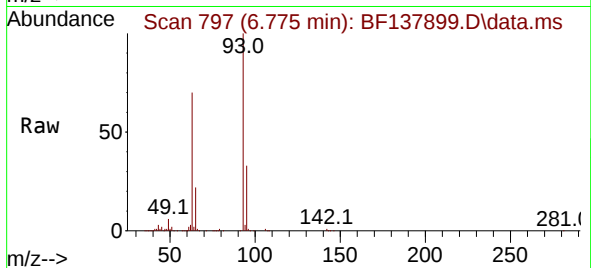
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS



Tgt Ion: 93 Resp: 36469

Ion Ratio Lower Upper

93 100

63 70.1 51.6 91.6

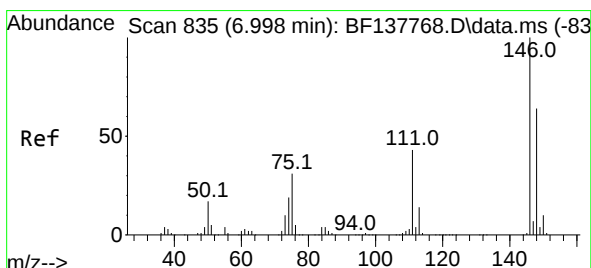
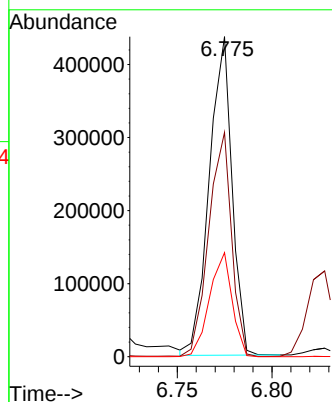
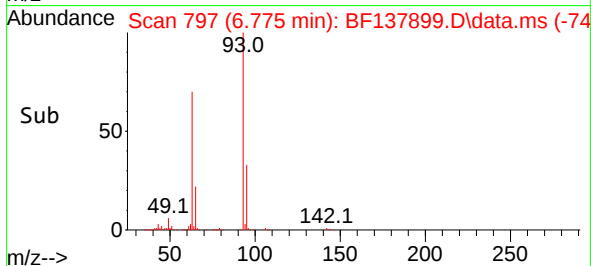
95 32.5 12.1 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024

Supervised By :mohammad ahmed 05/17/2024



#12

1,3-Dichlorobenzene

Concen: 41.498 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

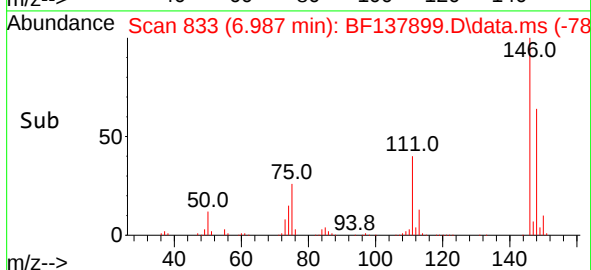
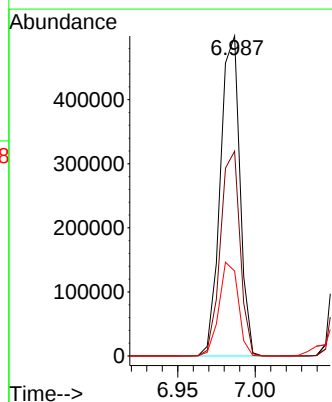
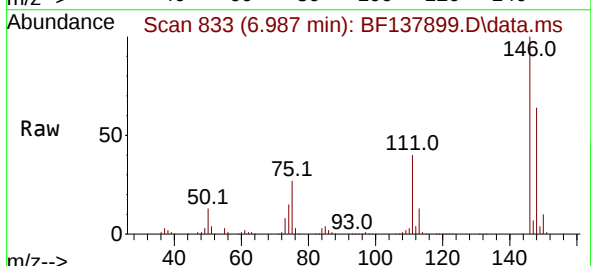
Tgt Ion:146 Resp: 439778

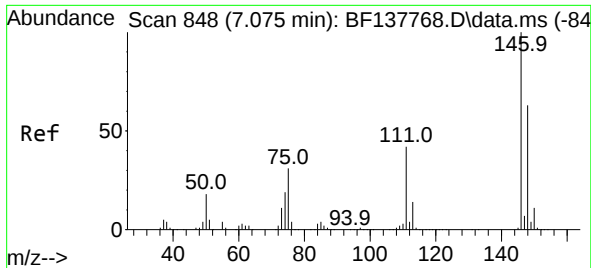
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 26.6 25.1 37.7





#13
1,4-Dichlorobenzene
Concen: 41.995 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

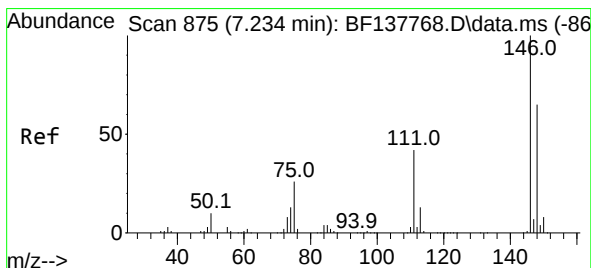
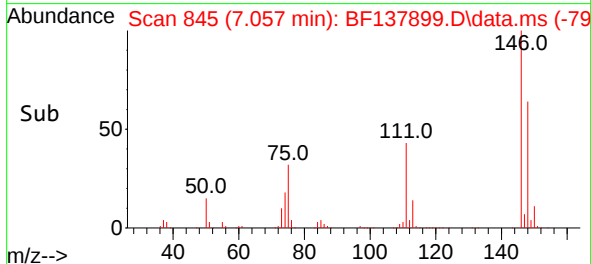
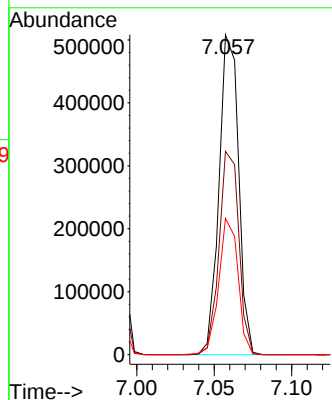
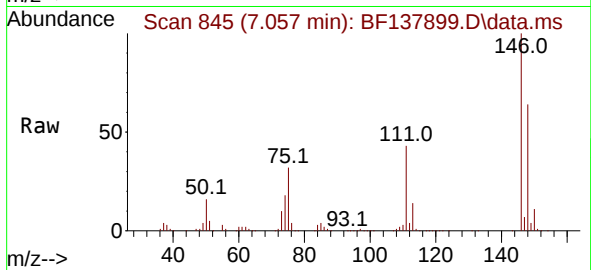
ClientSampleId :

PB160855BS

Tgt Ion:146 Resp: 446564
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 42.6 33.8 50.8

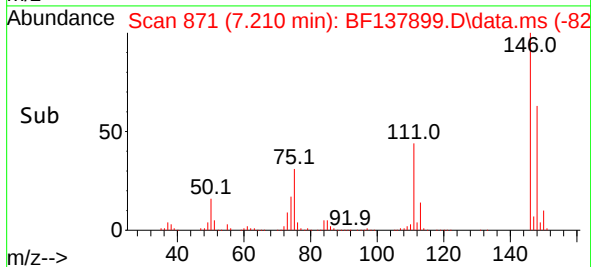
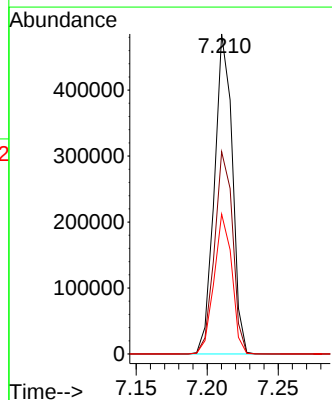
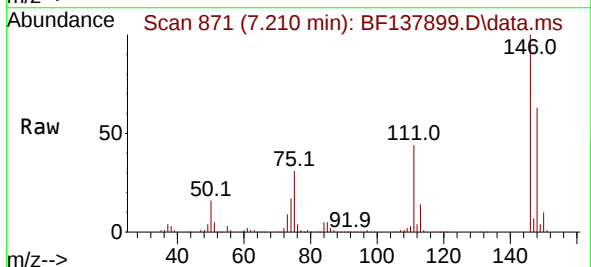
Manual Integrations
APPROVED

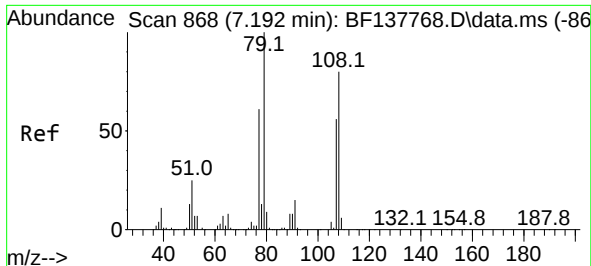
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#14
1,2-Dichlorobenzene
Concen: 42.511 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:146 Resp: 425775
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 43.7 33.6 50.4





#15
Benzyl Alcohol
Concen: 43.378 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

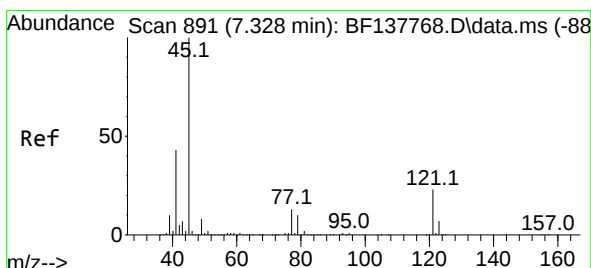
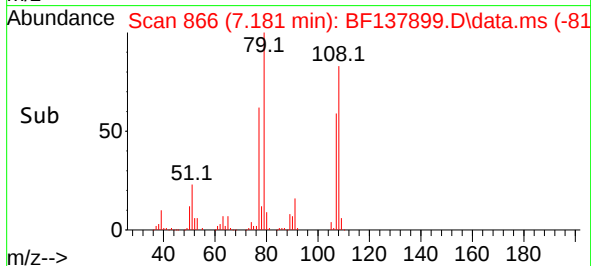
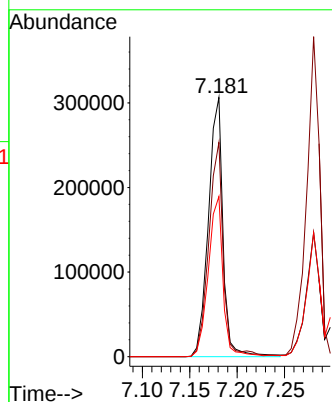
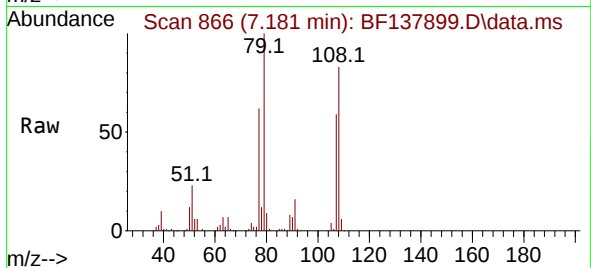
PB160855BS

Tgt Ion: 79 Resp: 32812
Ion Ratio Lower Upper
79 100
108 82.7 64.2 96.2
77 61.8 48.5 72.7

Manual Integrations

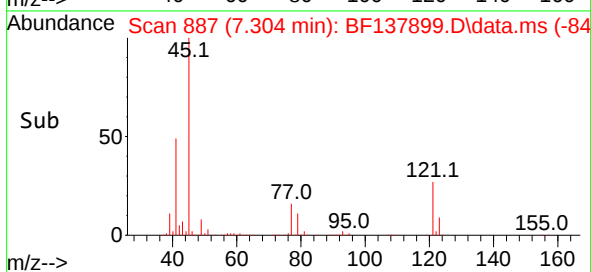
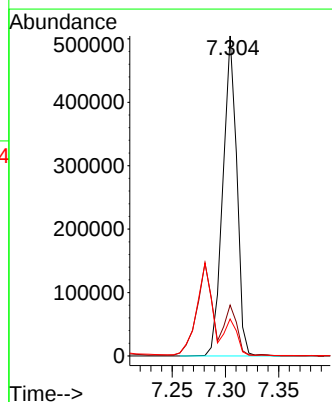
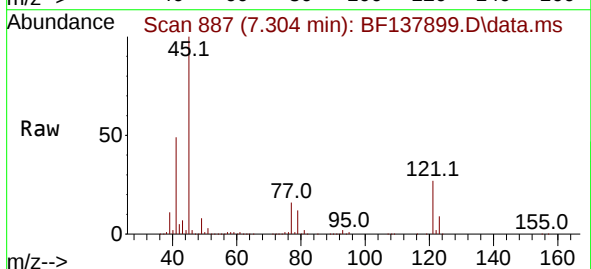
APPROVED

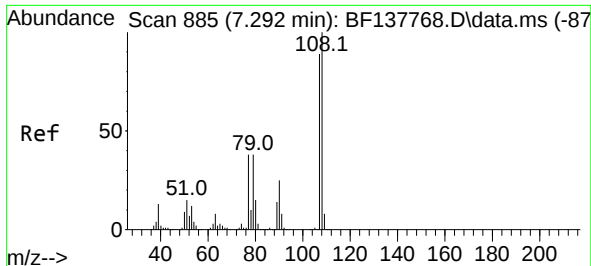
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.979 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

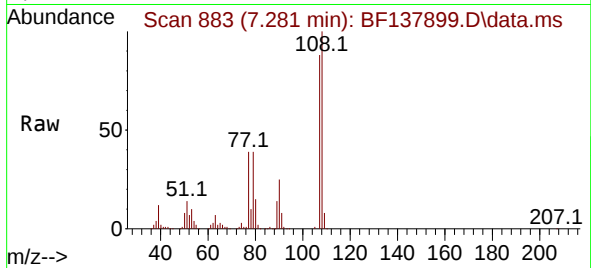
Tgt Ion: 45 Resp: 456151
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 11.6 0.0 31.0





#17
2-Methylphenol
Concen: 43.028 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

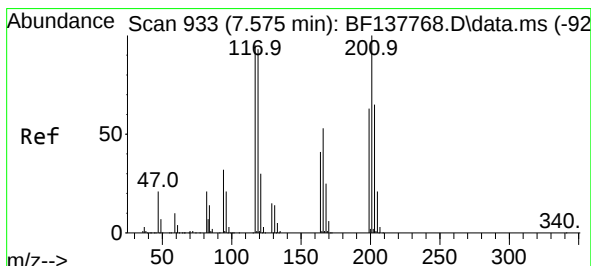
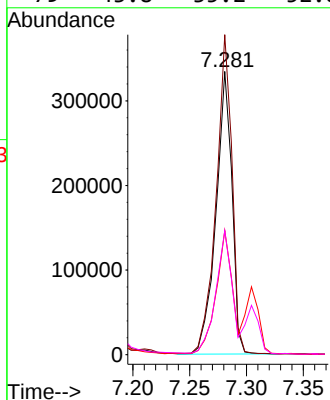
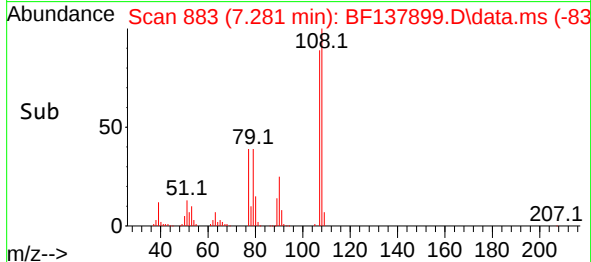
Instrument :
BNA_F
ClientSampleId :
PB160855BS



Tgt Ion:	107	Resp:	32628
Ion Ratio	Lower	Upper	
107	100		
108	113.0	90.5	135.7
77	43.8	34.5	51.7
79	43.8	35.2	52.8

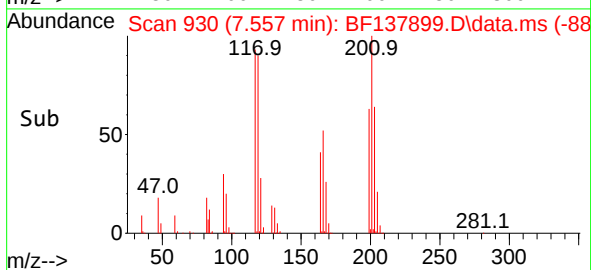
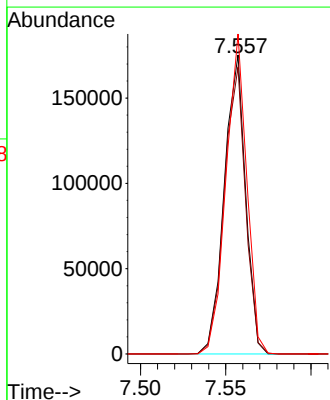
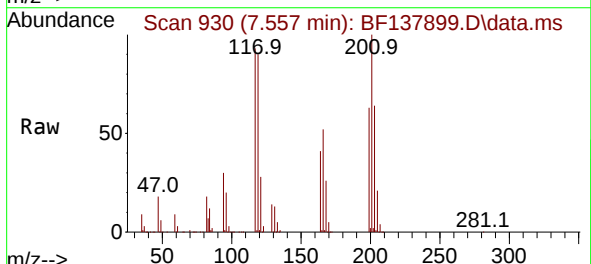
Manual Integrations
APPROVED

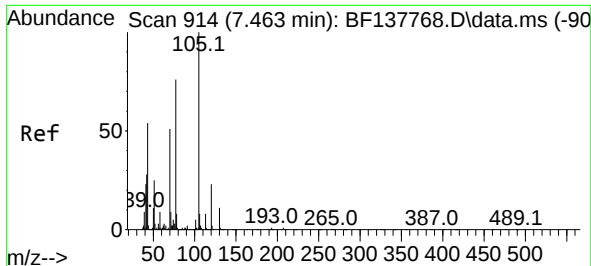
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#18
Hexachloroethane
Concen: 42.415 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:	117	Resp:	152477
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.6	116.4
201	107.0	83.8	125.8





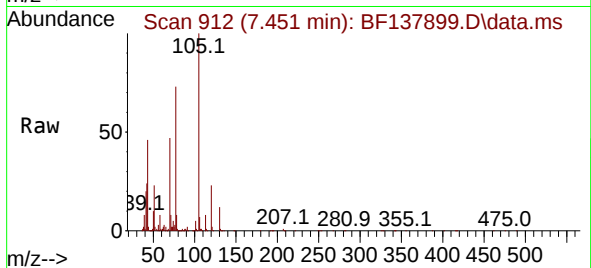
#19
n-Nitroso-di-n-propylamine
Concen: 40.260 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

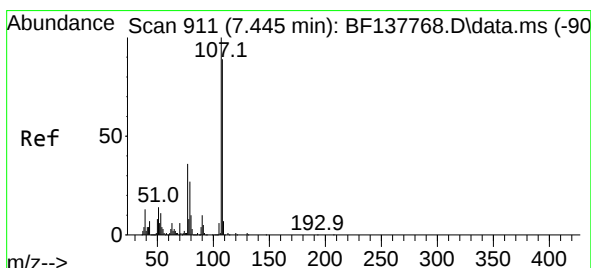
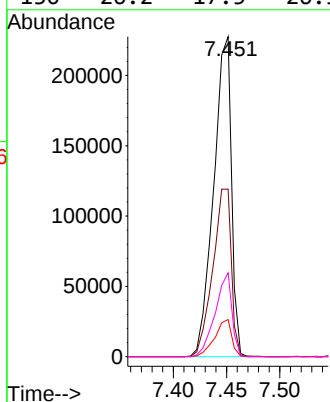
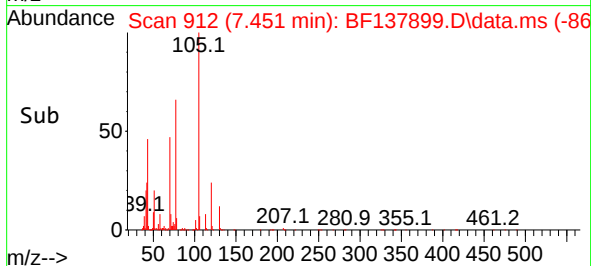
PB160855BS



Tgt Ion: 70 Resp: 26317
Ion Ratio Lower Upper
70 100
42 52.3 44.6 66.8
101 11.6 7.8 11.6
130 26.2 17.5 26.3

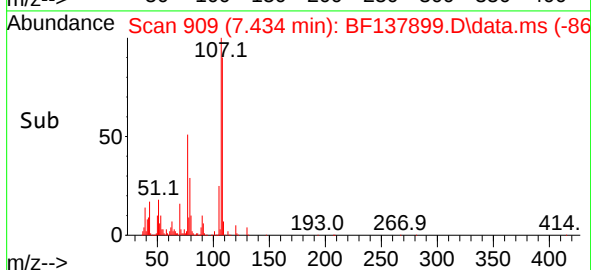
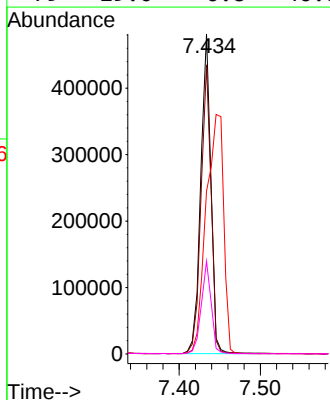
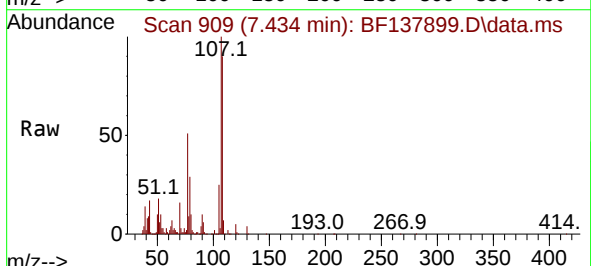
Manual Integrations
APPROVED

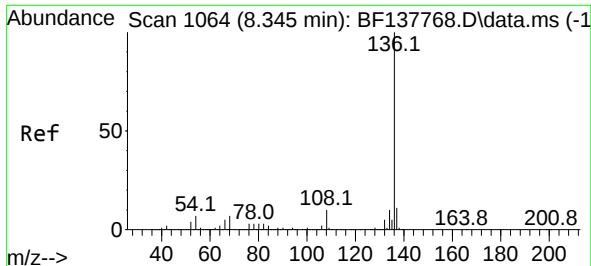
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#20
3+4-Methylphenols
Concen: 42.141 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:107 Resp: 420431
Ion Ratio Lower Upper
107 100
108 90.4 69.3 109.3
77 50.9 15.7 55.7
79 29.0 6.8 46.8





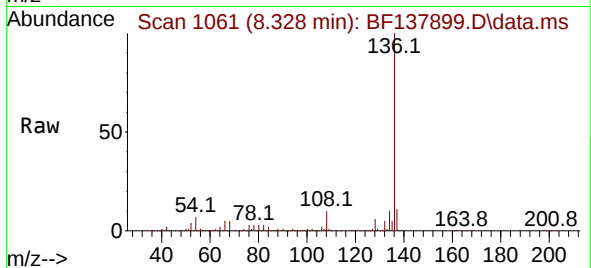
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

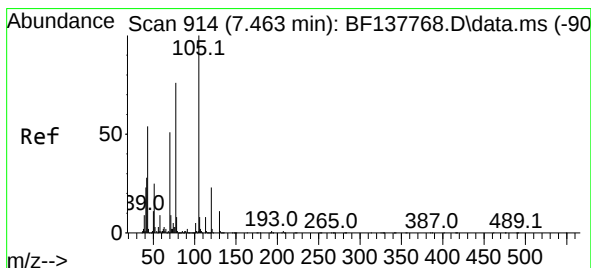
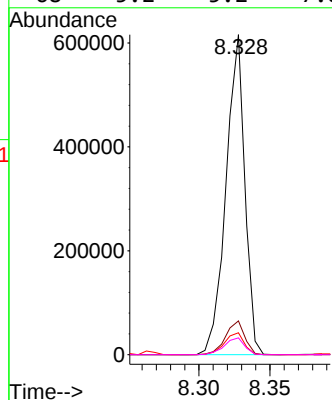
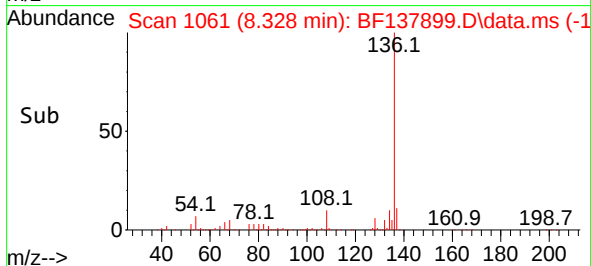


Tgt Ion:136 Resp: 566828
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.9 5.8 8.8
68 5.2 5.2 7.8

Manual Integrations

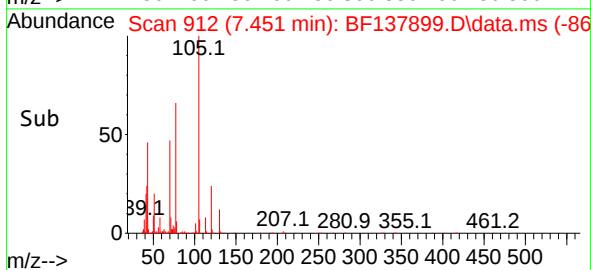
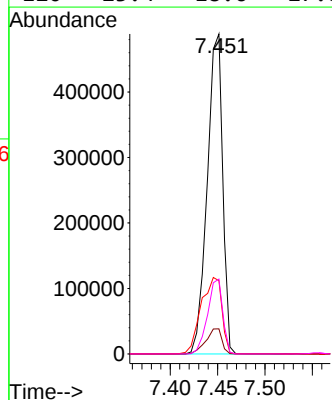
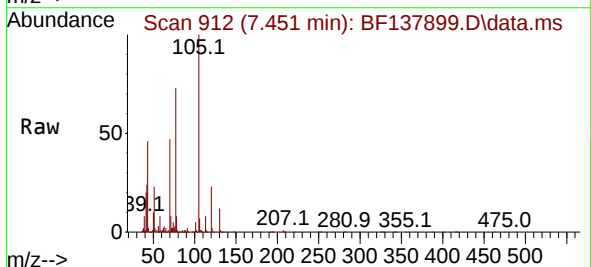
APPROVED

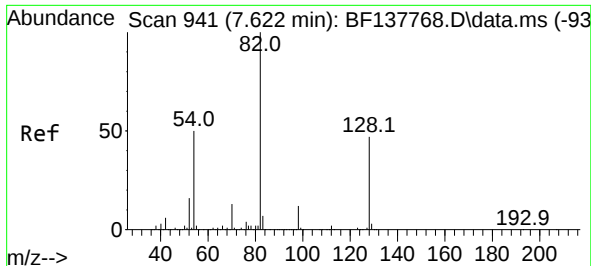
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#22
Acetophenone
Concen: 43.511 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:105 Resp: 554691
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 22.9 20.2 30.2
120 23.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 83.495 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

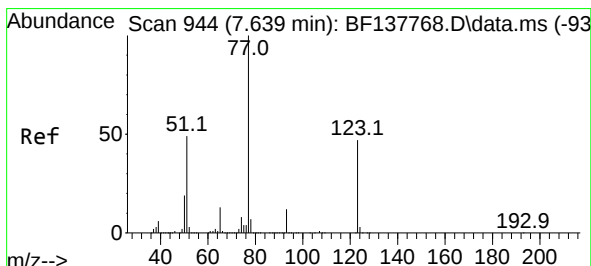
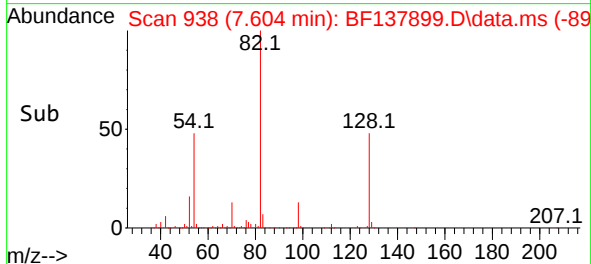
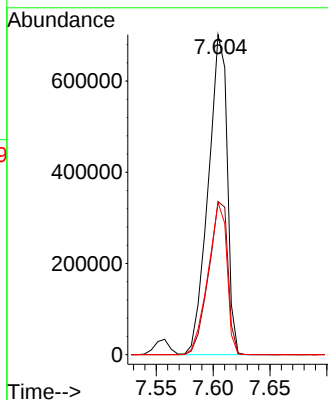
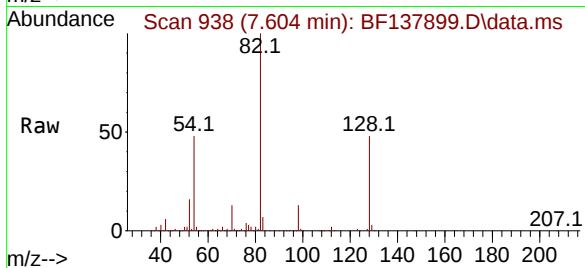
PB160855BS

Tgt Ion: 82 Resp: 814609
Ion Ratio Lower Upper
82 100
128 47.8 37.5 56.3
54 47.6 39.8 59.6

Manual Integrations

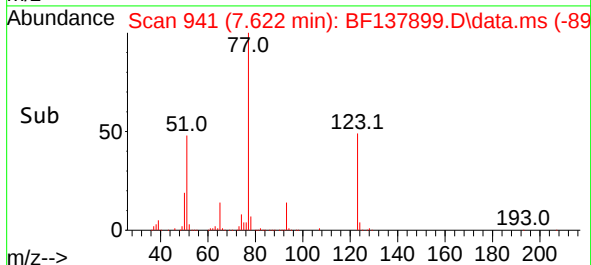
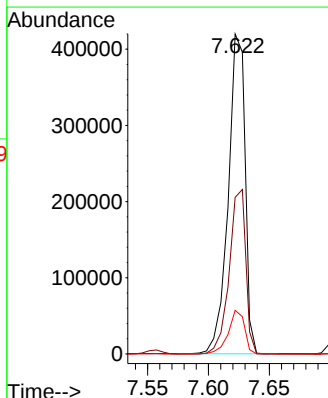
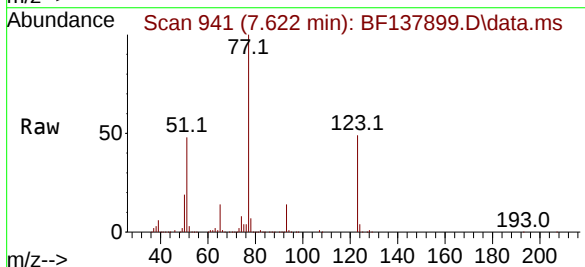
APPROVED

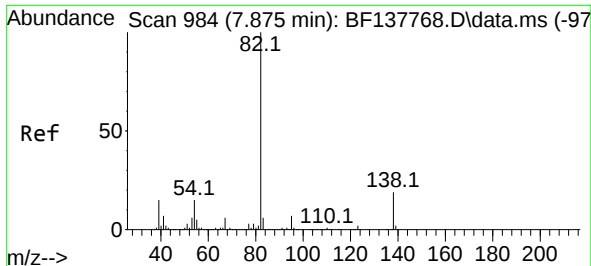
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#24
Nitrobenzene
Concen: 40.224 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 77 Resp: 404466
Ion Ratio Lower Upper
77 100
123 49.0 37.4 56.2
65 13.6 10.7 16.1





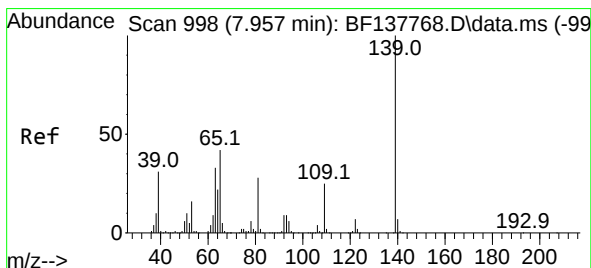
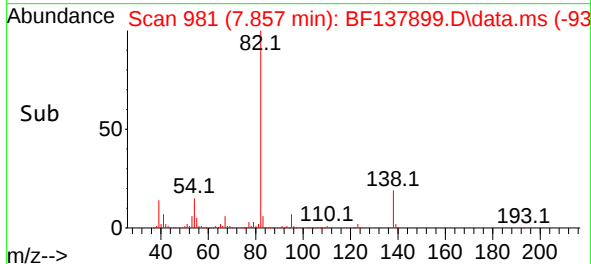
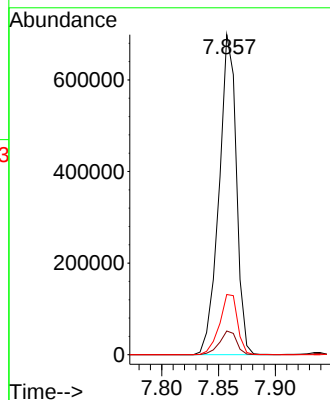
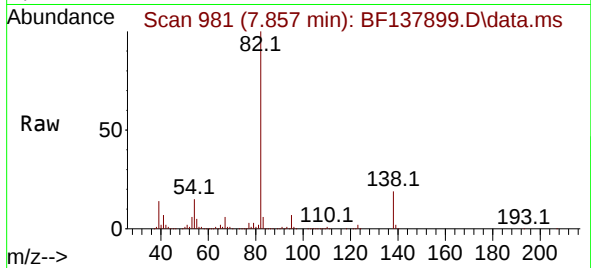
#25
Isophorone
Concen: 42.257 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB160855BS

Tgt Ion: 82 Resp: 74334
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 15.0 22.6

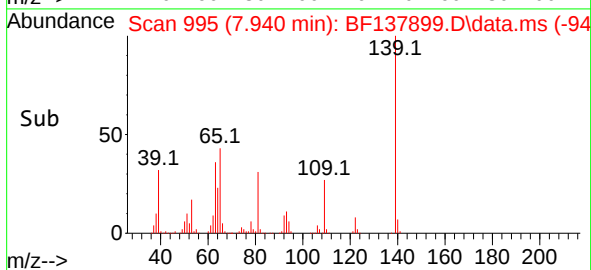
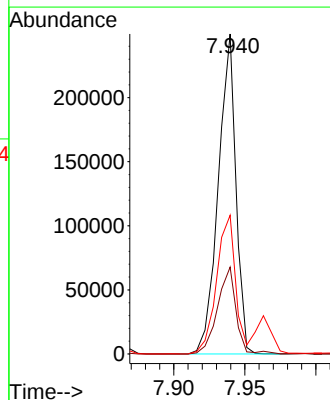
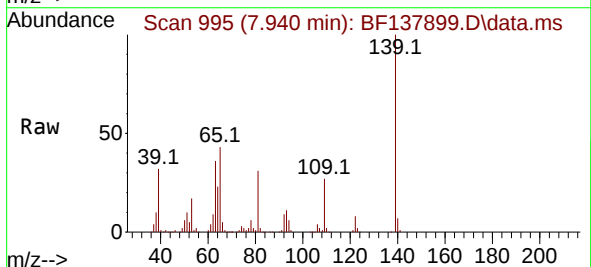
Manual Integrations
APPROVED

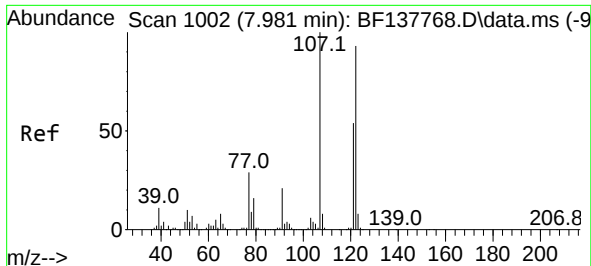
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#26
2-Nitrophenol
Concen: 47.189 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:139 Resp: 214878
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 43.4 33.4 50.0





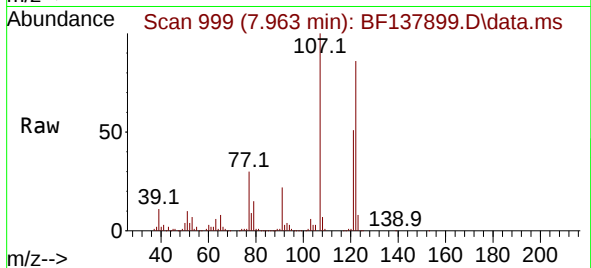
#27
2,4-Dimethylphenol
Concen: 46.329 ng
RT: 7.963 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

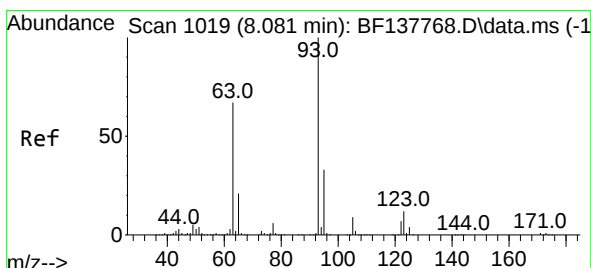
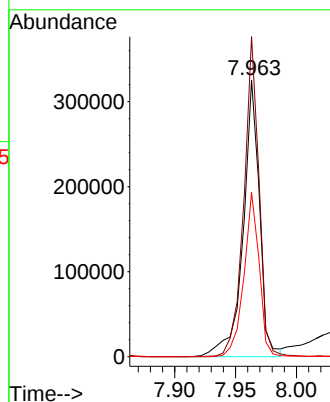
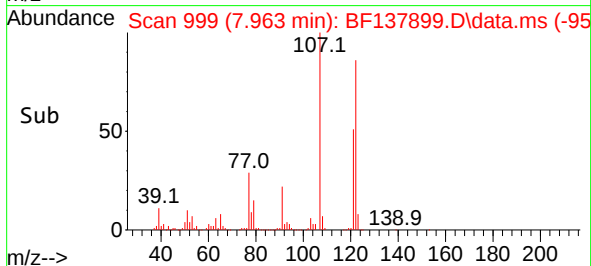


Tgt Ion:122 Resp: 30370
Ion Ratio Lower Upper
122 100
107 115.7 85.8 128.8
121 59.4 46.6 69.8

Manual Integrations

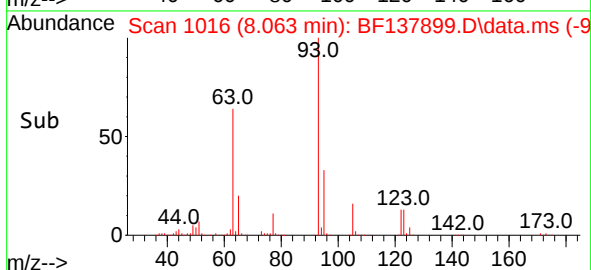
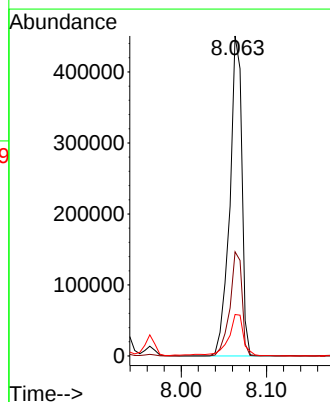
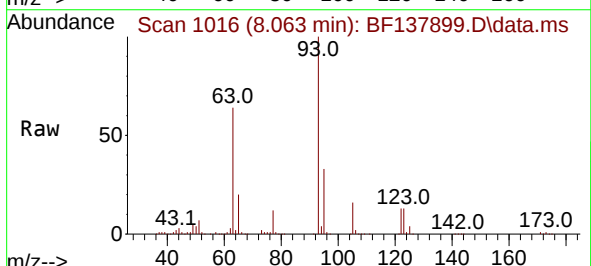
APPROVED

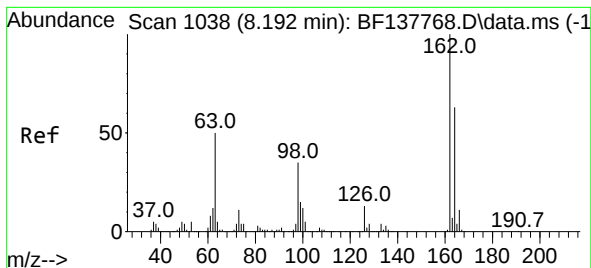
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.823 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 93 Resp: 445443
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.592 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

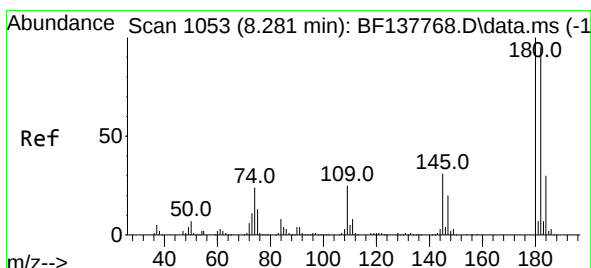
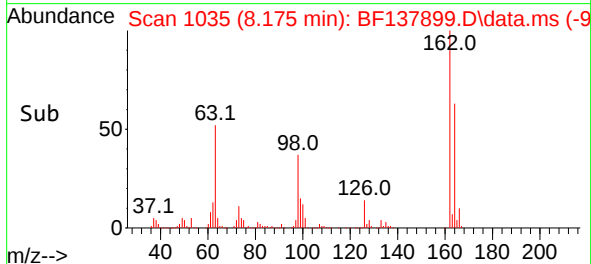
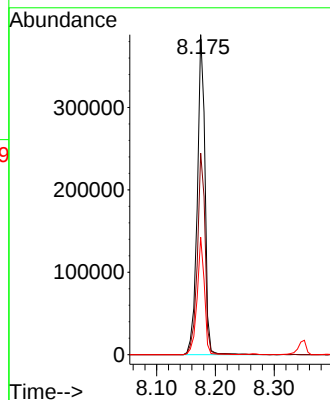
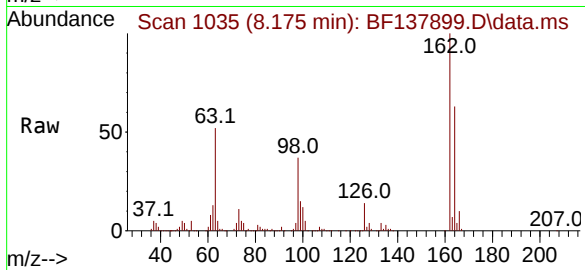
PB160855BS

Tgt Ion:162 Resp: 35333
 Ion Ratio Lower Upper
 162 100
 164 63.0 43.5 83.5
 98 36.7 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.214 ng

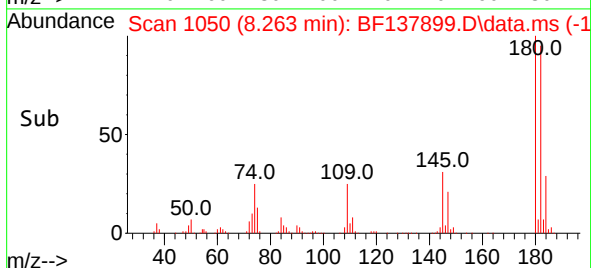
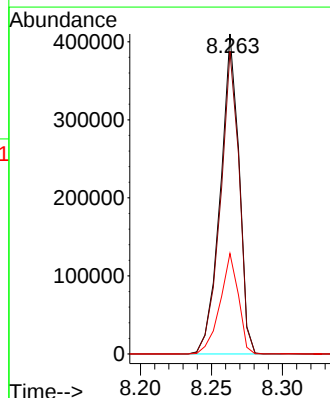
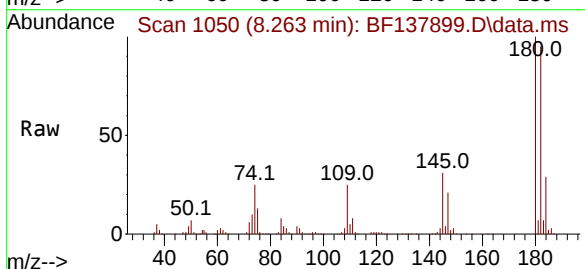
RT: 8.263 min Scan# 1050

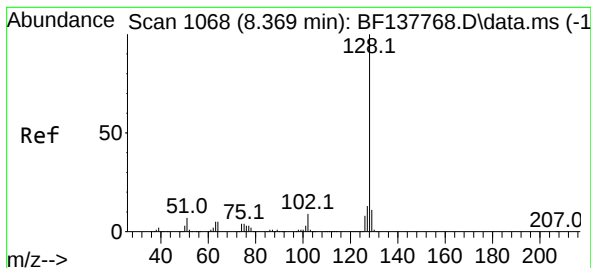
Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:180 Resp: 373282
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.2 114.2
 145 31.4 25.1 37.7





#31

Naphthalene

Concen: 42.808 ng

RT: 8.351 min Scan# 1065

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:128 Resp: 120585

Ion Ratio Lower Upper

128 100

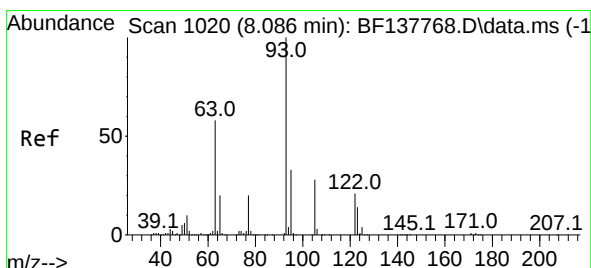
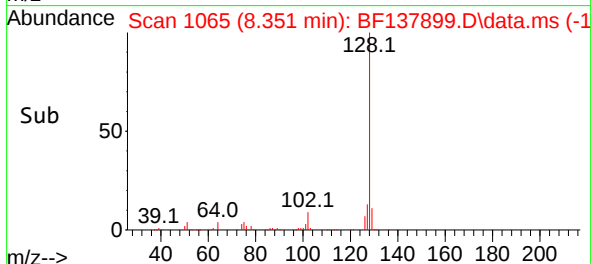
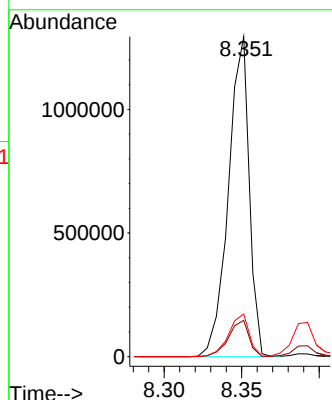
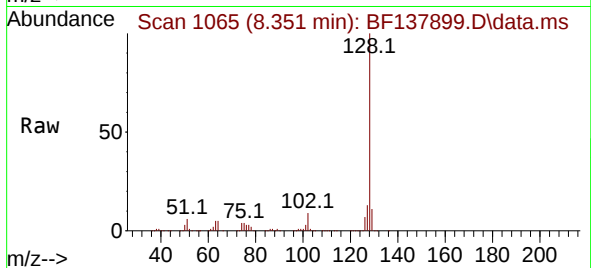
129 11.3 8.8 13.2

127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#32

Benzoic acid

Concen: 41.264 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.005 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

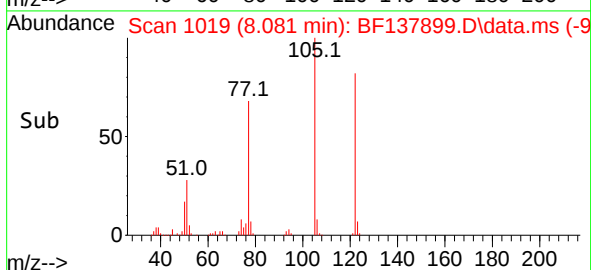
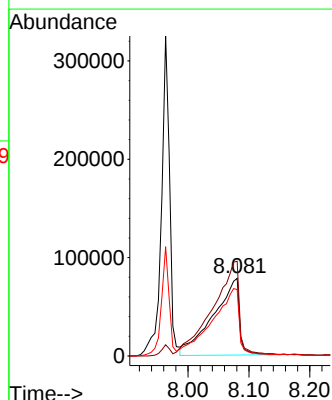
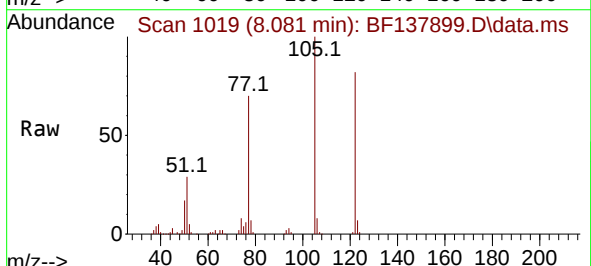
Tgt Ion:122 Resp: 233366

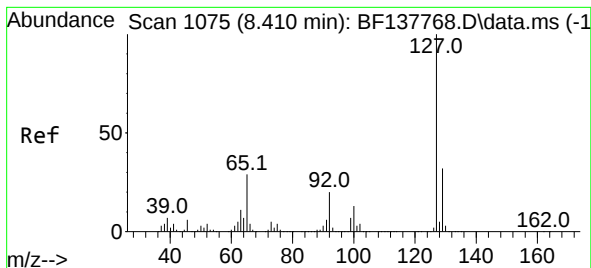
Ion Ratio Lower Upper

122 100

105 121.9 105.3 145.3

77 85.4 73.2 113.2





#33

4-Chloroaniline

Concen: 14.542 ng

RT: 8.392 min Scan# 1072

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

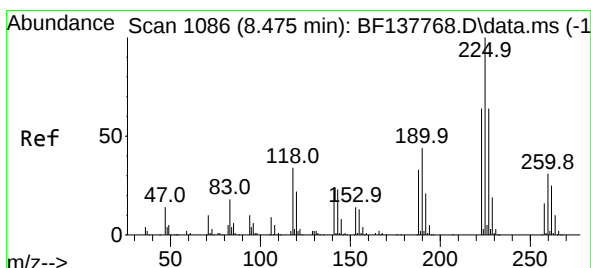
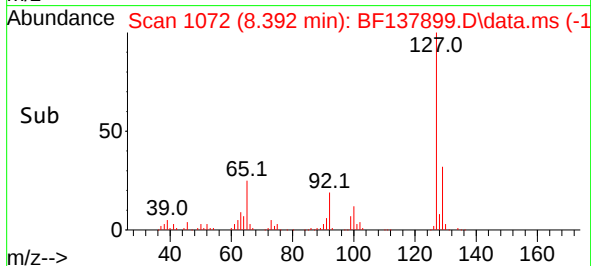
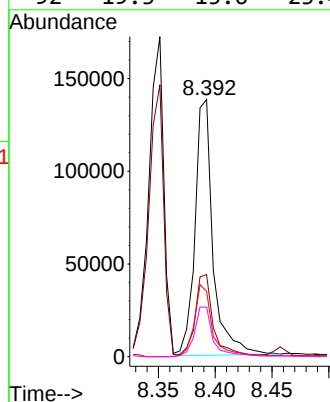
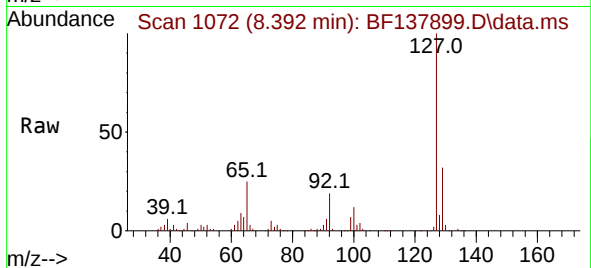
PB160855BS

Tgt Ion:	127	Resp:	15190
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.7	38.5
65	25.4	23.4	35.2
92	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#34

Hexachlorobutadiene

Concen: 43.107 ng

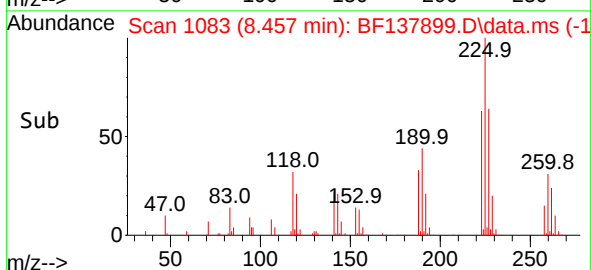
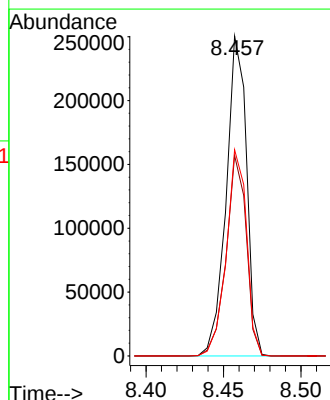
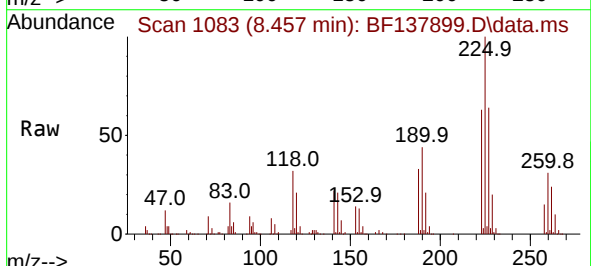
RT: 8.457 min Scan# 1083

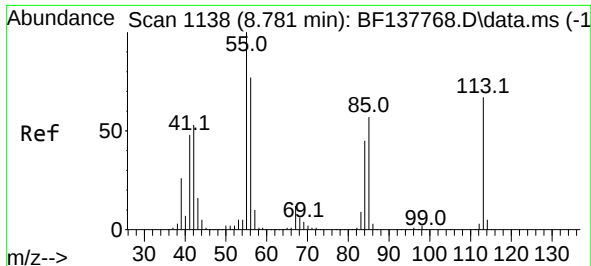
Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:	225	Resp:	228606
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.1	76.7
227	64.5	51.4	77.0





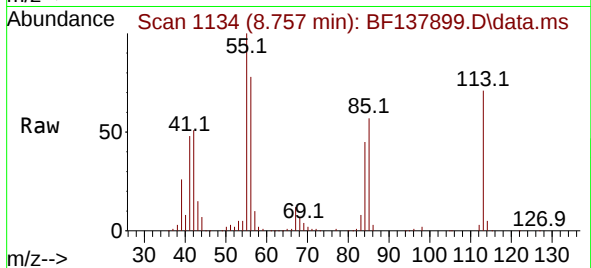
#35
Caprolactam
Concen: 45.946 ng m
RT: 8.757 min Scan# 1134
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

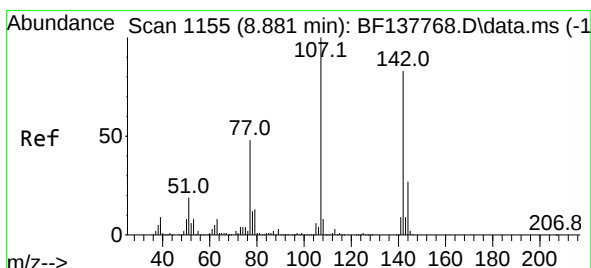
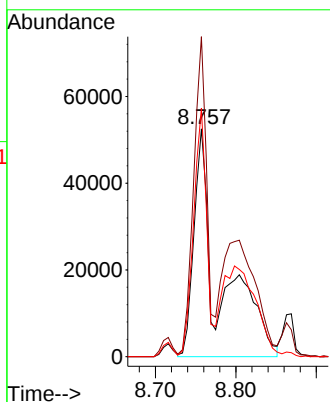
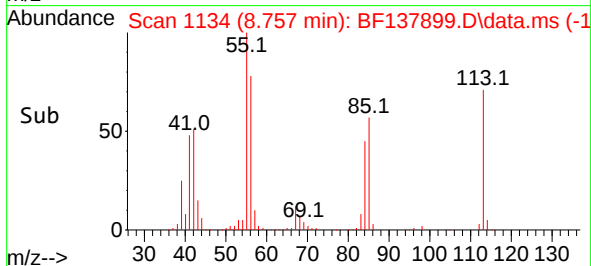


Tgt Ion:113 Resp: 115350
Ion Ratio Lower Upper
113 100
55 140.4 128.7 168.7
56 109.1 93.9 133.9

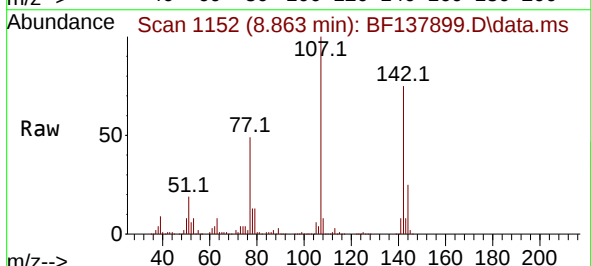
Manual Integrations

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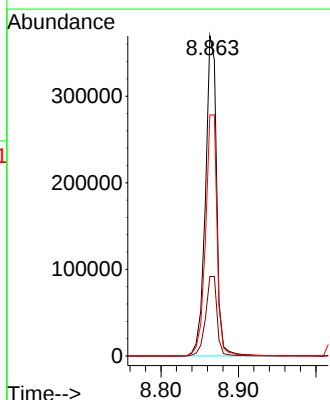
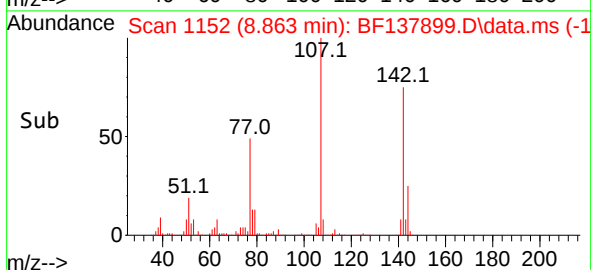
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

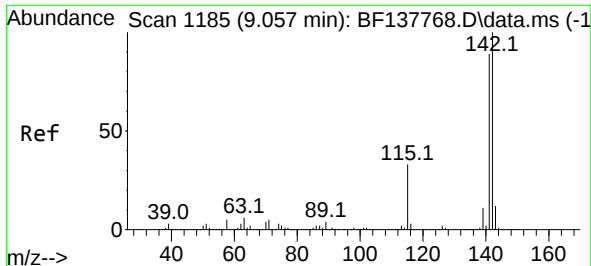


#36
4-Chloro-3-methylphenol
Concen: 44.744 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:107 Resp: 369724
Ion Ratio Lower Upper
107 100
144 24.8 21.4 32.0
142 75.3 66.2 99.2





#37

2-Methylnaphthalene

Concen: 43.839 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:142 Resp: 799348

Ion Ratio Lower Upper

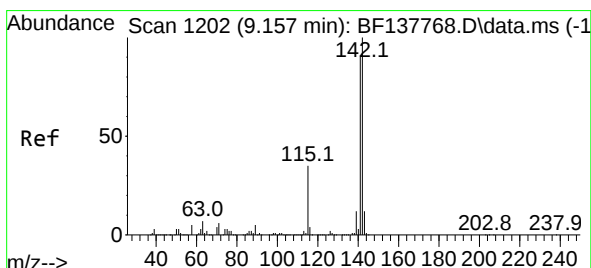
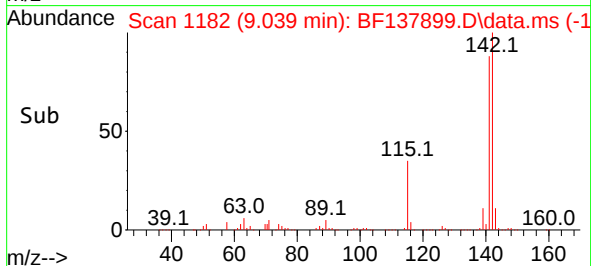
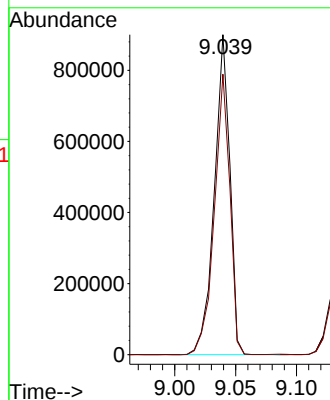
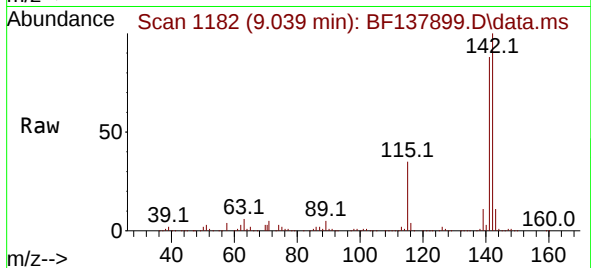
142 100

141 87.7 70.8 106.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#38

1-Methylnaphthalene

Concen: 41.093 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137899.D

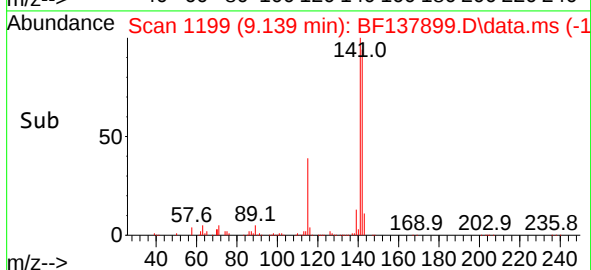
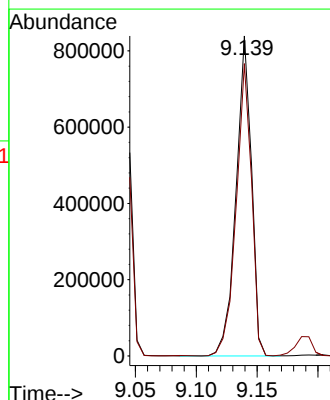
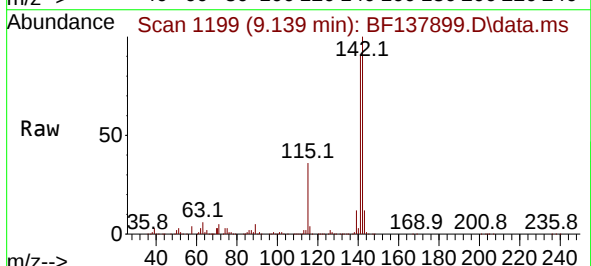
Acq: 13 May 2024 13:17

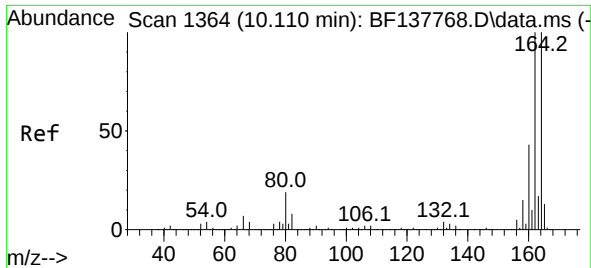
Tgt Ion:142 Resp: 737174

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7





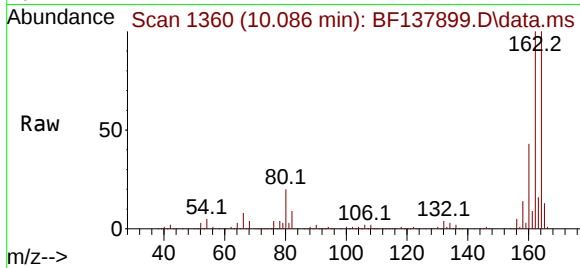
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

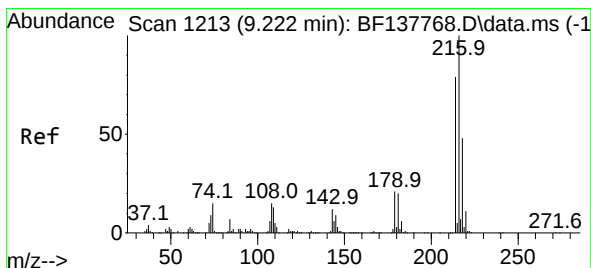
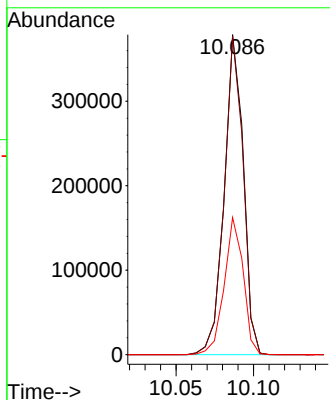
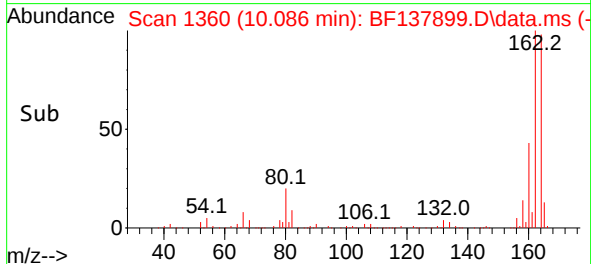


Tgt Ion:164 Resp: 324938
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.6
160 42.9 34.4 51.6

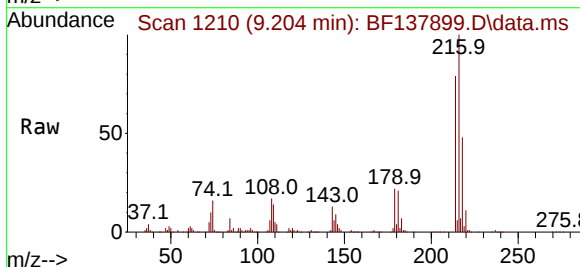
Manual Integrations

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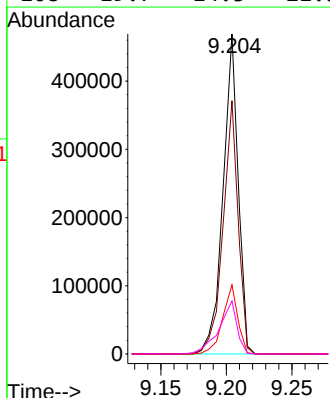
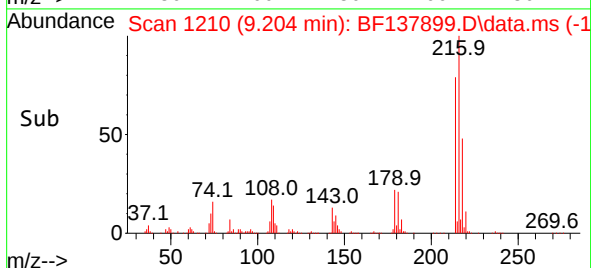
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

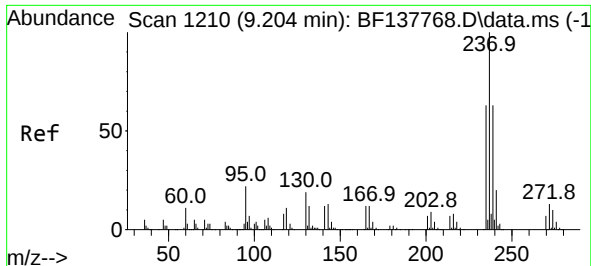


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.745 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



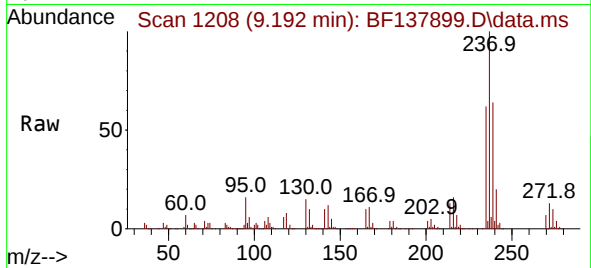
Tgt Ion:216 Resp: 376473
Ion Ratio Lower Upper
216 100
214 78.5 63.3 94.9
179 21.5 16.8 25.2
108 19.7 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 127.021 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

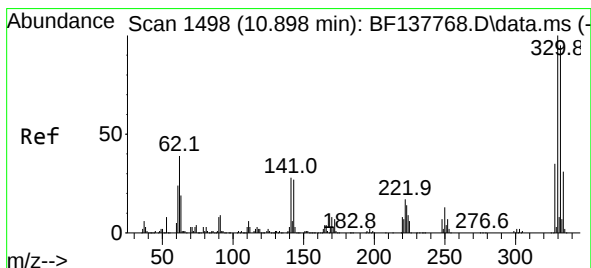
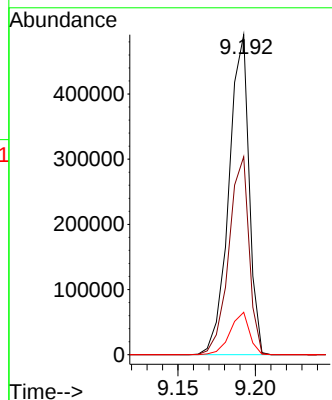
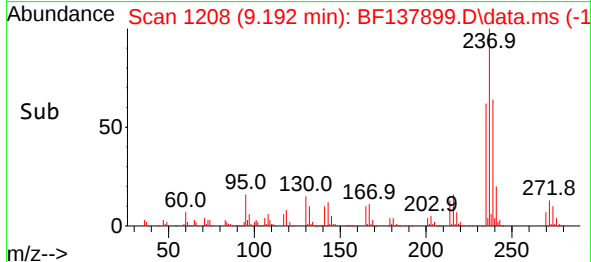
Instrument :
BNA_F
ClientSampleId :
PB160855BS



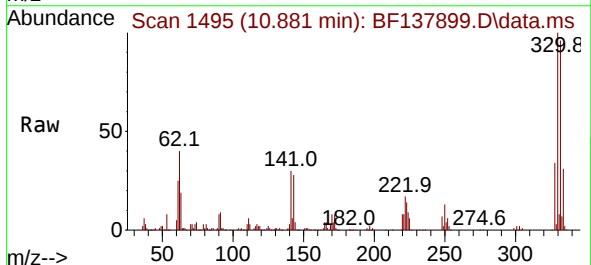
Tgt Ion: 237 Resp: 444010
Ion Ratio Lower Upper
237 100
235 61.9 43.0 83.0
272 13.3 0.0 32.8

Manual Integrations
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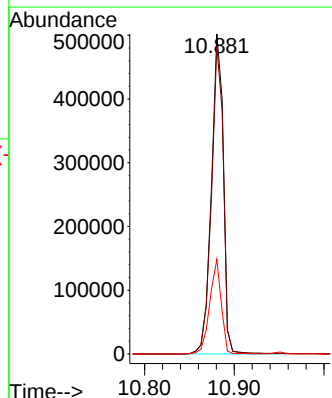
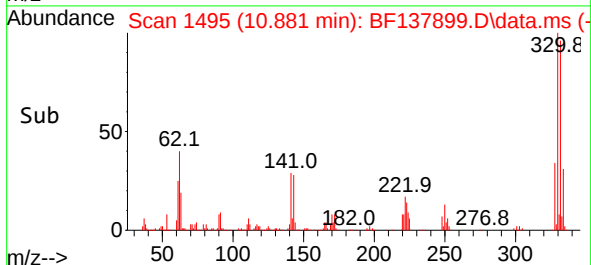
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

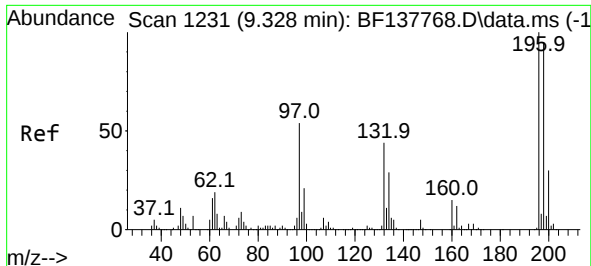


#42
2,4,6-Tribromophenol
Concen: 139.975 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion: 330 Resp: 464395
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.4 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 44.145 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:196 Resp: 258614

Ion Ratio Lower Upper

196 100

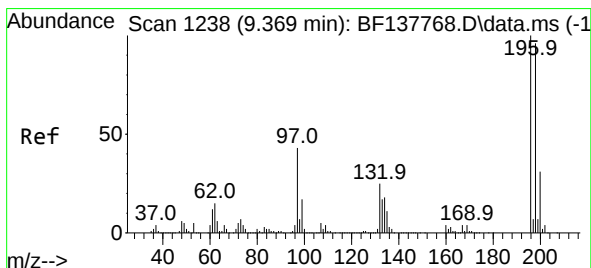
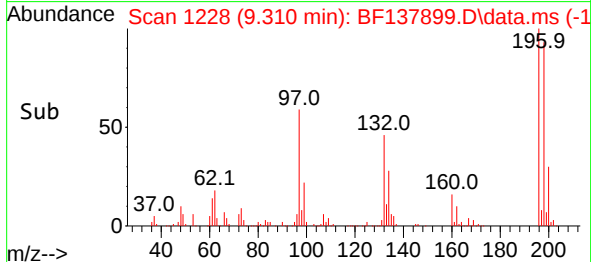
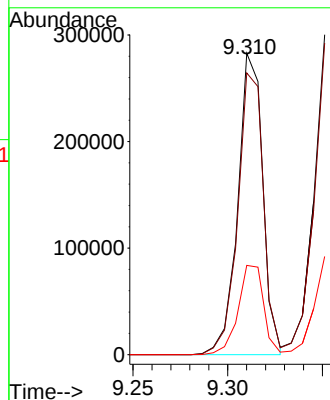
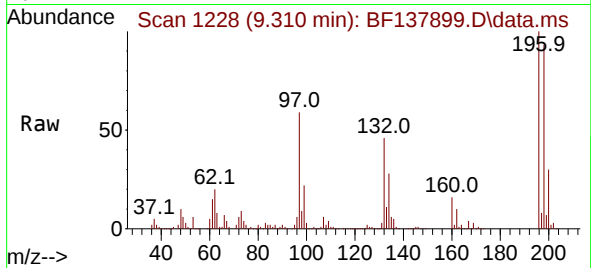
198 93.5 76.2 114.4

200 29.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#44

2,4,5-Trichlorophenol

Concen: 42.600 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:196 Resp: 275565

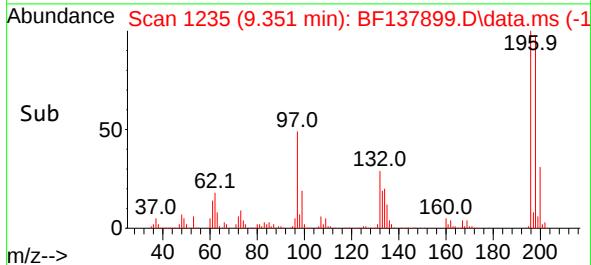
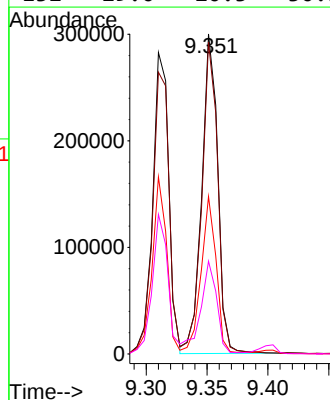
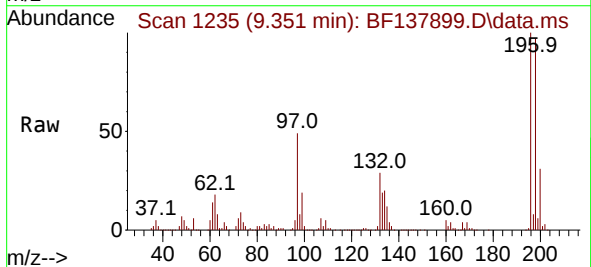
Ion Ratio Lower Upper

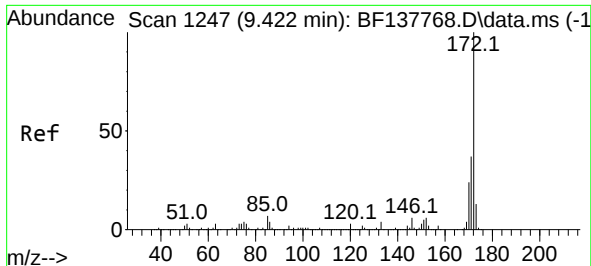
196 100

198 97.4 76.6 114.8

97 49.2 34.5 51.7

132 29.0 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.807 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:172 Resp: 173863

Ion Ratio Lower Upper

172 100

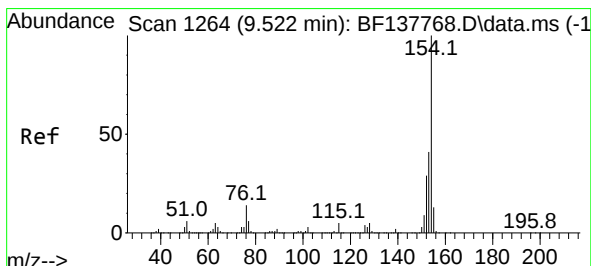
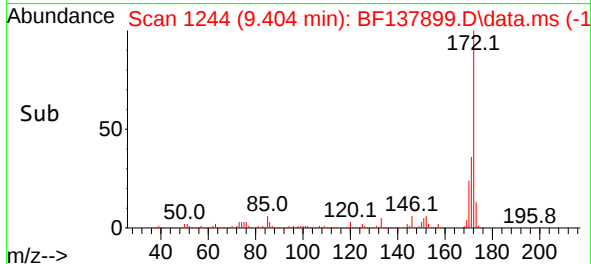
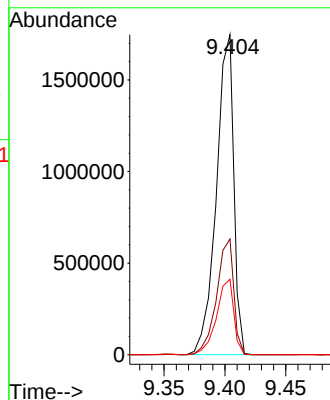
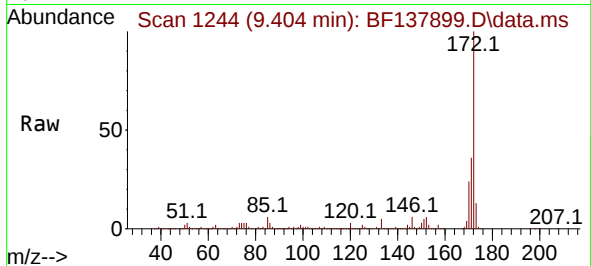
171 36.1 29.6 44.4

170 23.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#46

1,1'-Biphenyl

Concen: 42.992 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

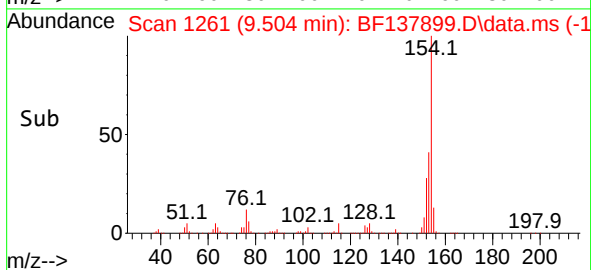
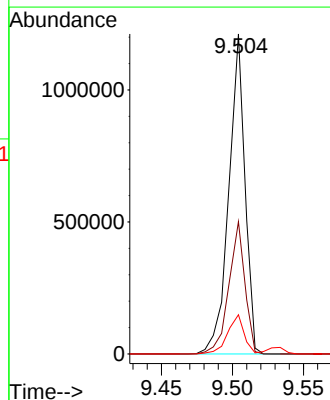
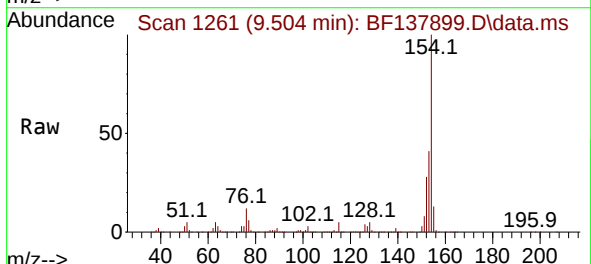
Tgt Ion:154 Resp: 958728

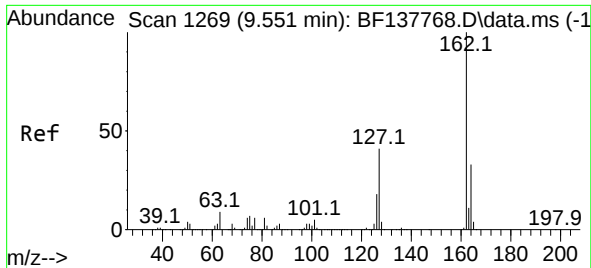
Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

76 12.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 41.911 ng
RT: 9.534 min Scan# 1269
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

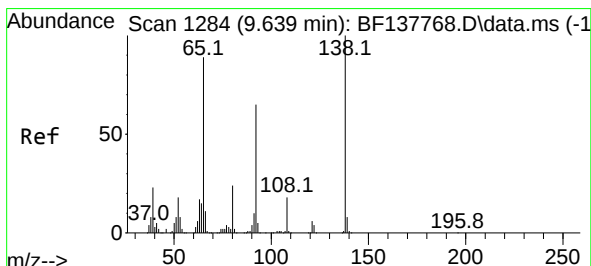
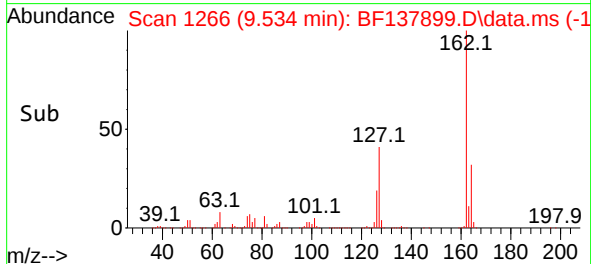
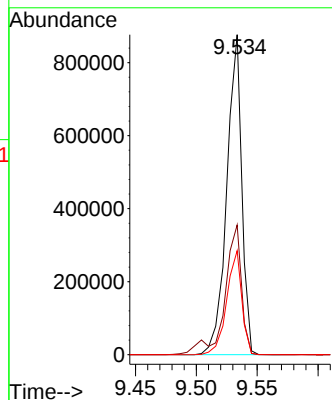
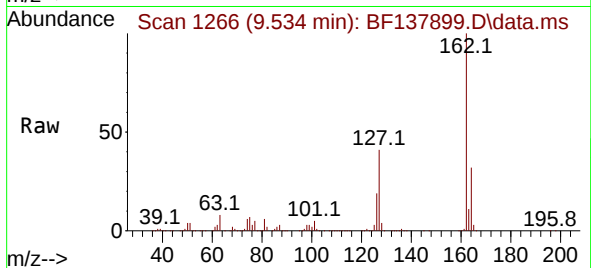
ClientSampleId :

PB160855BS

Tgt Ion:162 Resp: 75455
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 32.5 26.5 39.7

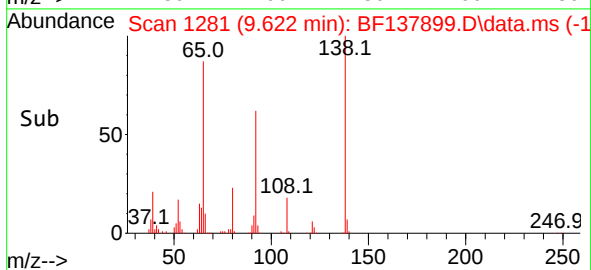
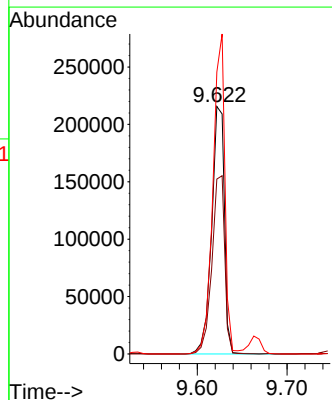
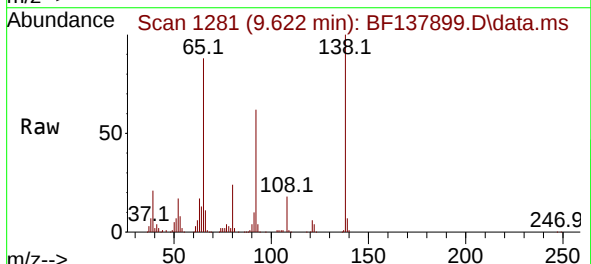
Manual Integrations
APPROVED

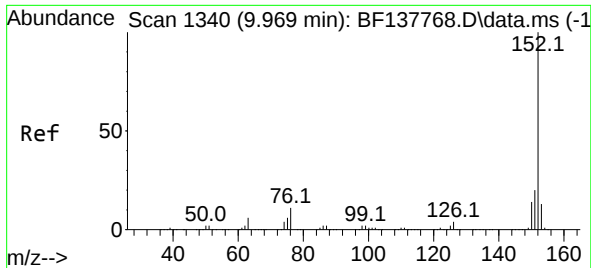
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#48
2-Nitroaniline
Concen: 43.615 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 65 Resp: 212962
Ion Ratio Lower Upper
65 100
92 70.7 58.6 88.0
138 113.9 90.3 135.5





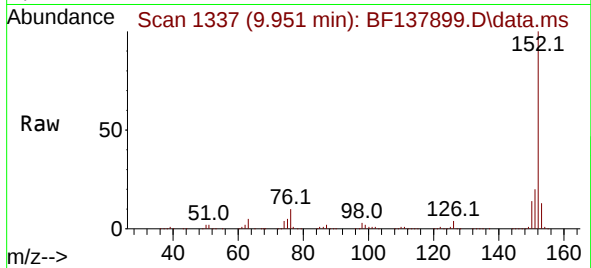
#49
Acenaphthylene
Concen: 46.447 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

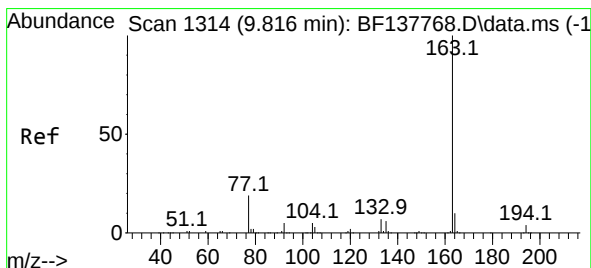
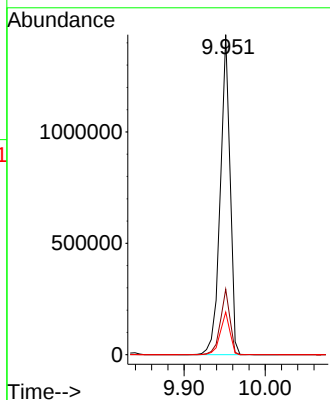
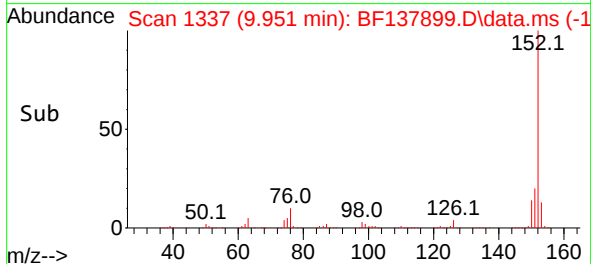


Tgt Ion:152 Resp: 120966
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 10.8 16.2

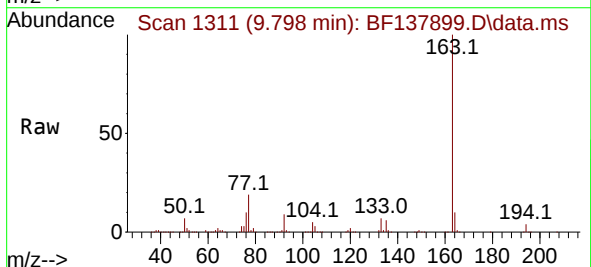
Manual Integrations

APPROVED

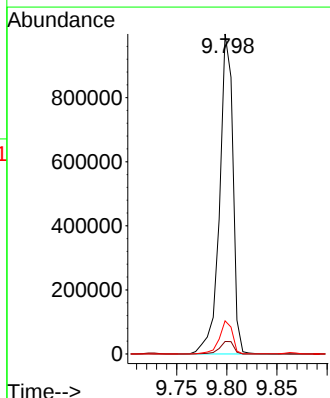
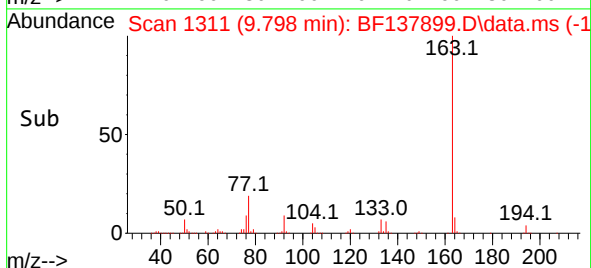
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

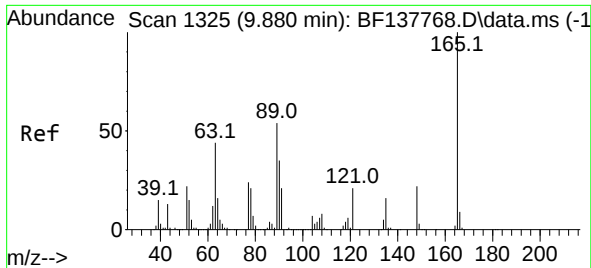


#50
Dimethylphthalate
Concen: 44.839 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:163 Resp: 919775
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.471 ng
RT: 9.863 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

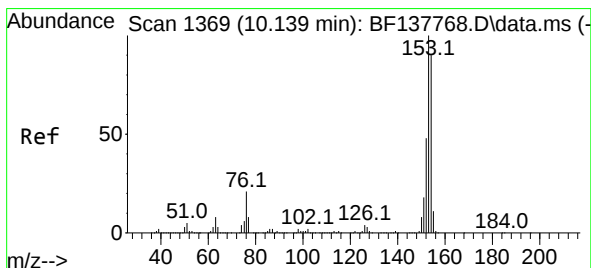
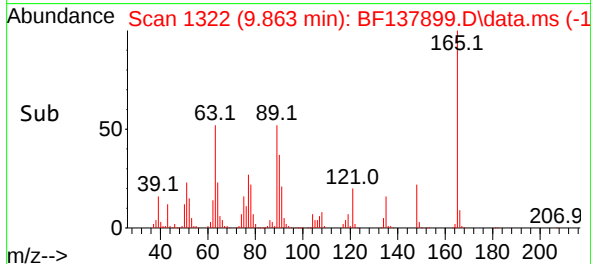
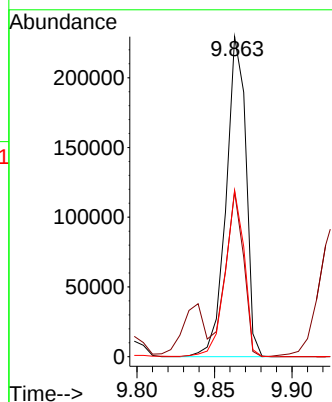
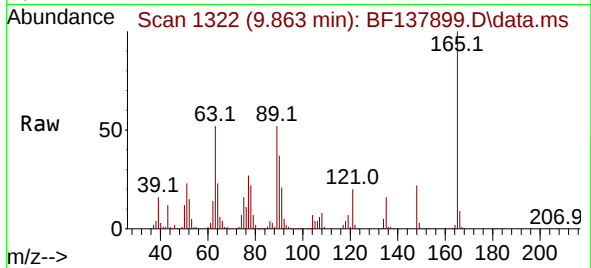
PB160855BS

Tgt Ion:165 Resp: 203788
Ion Ratio Lower Upper
165 100
63 51.6 41.9 62.9
89 52.0 43.2 64.8

Manual Integrations

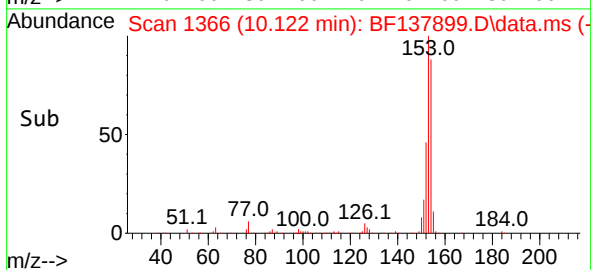
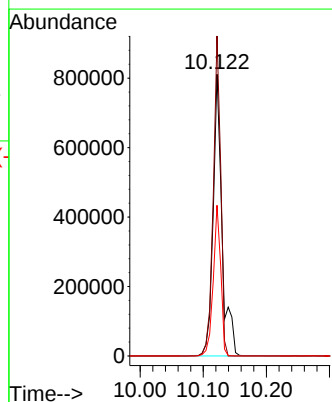
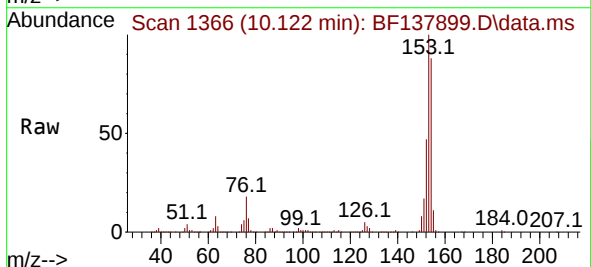
APPROVED

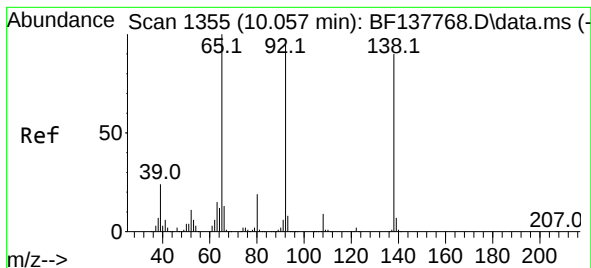
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#52
Acenaphthene
Concen: 46.389 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:154 Resp: 800811
Ion Ratio Lower Upper
154 100
153 113.6 88.7 133.1
152 53.5 42.8 64.2





#53
3-Nitroaniline
Concen: 29.988 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

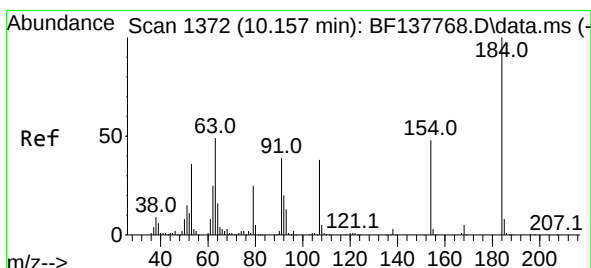
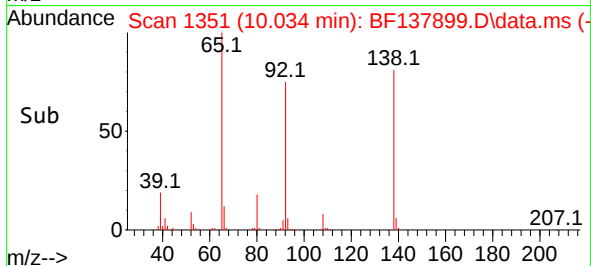
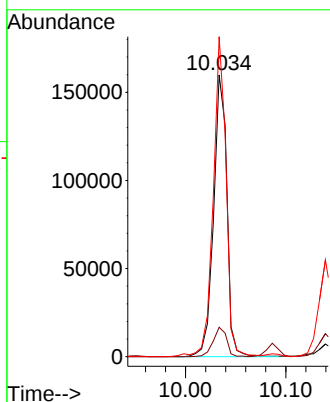
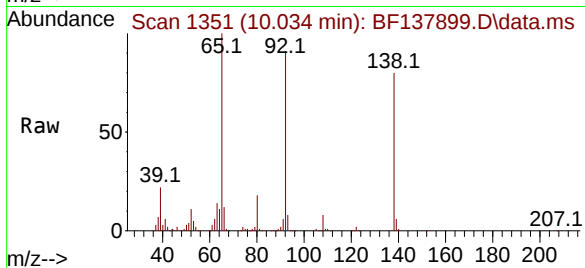
PB160855BS

Tgt Ion:138 Resp: 147218
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 113.6 84.6 126.8

Manual Integrations

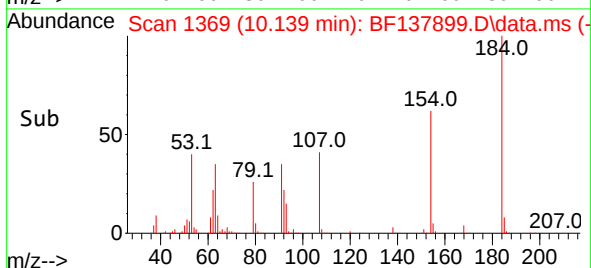
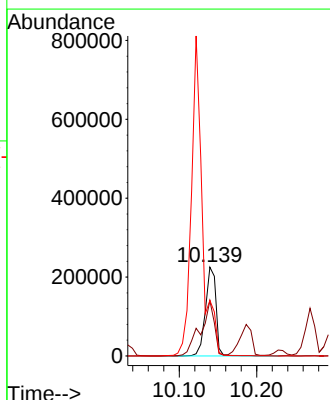
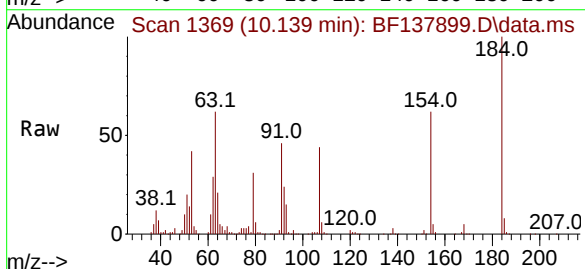
APPROVED

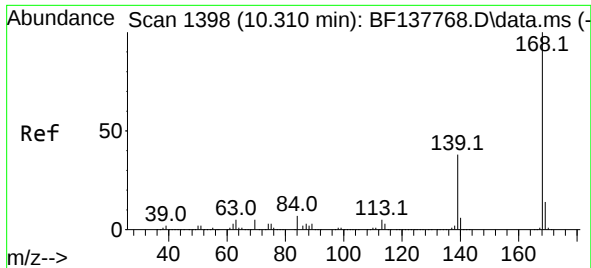
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#54
2,4-Dinitrophenol
Concen: 92.797 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

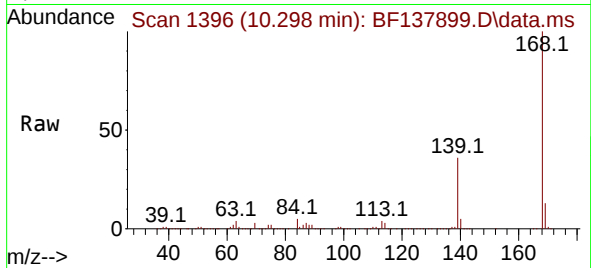
Tgt Ion:184 Resp: 213750
Ion Ratio Lower Upper
184 100
63 62.3 40.3 60.5#
154 62.5 45.2 67.8





#55
Dibenzenofuran
Concen: 43.832 ng
RT: 10.298 min Scan# 1101124
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

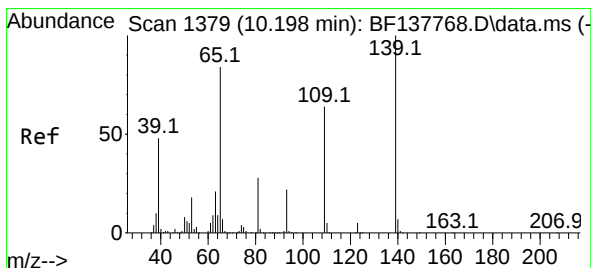
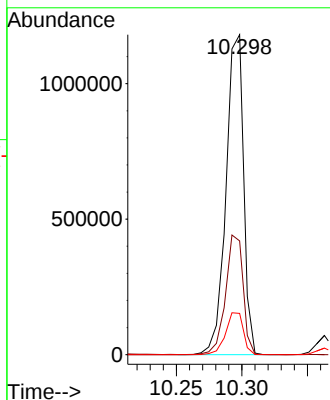
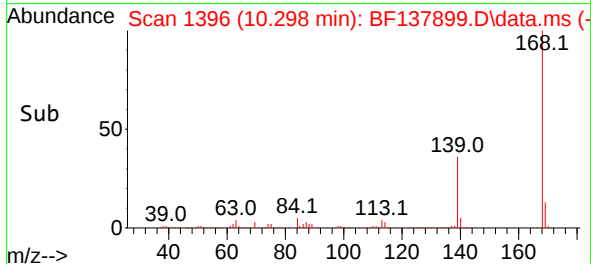
Instrument :
BNA_F
ClientSampleId :
PB160855BS



Tgt Ion:168 Resp: 1101124
Ion Ratio Lower Upper
168 100
139 35.6 30.2 45.4
169 12.9 11.4 17.0

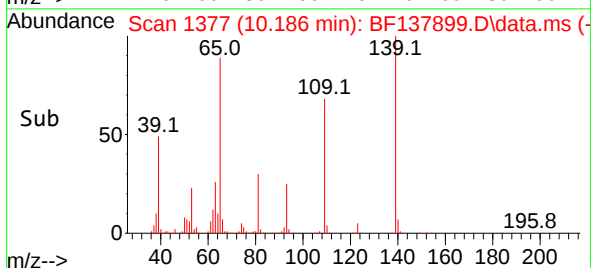
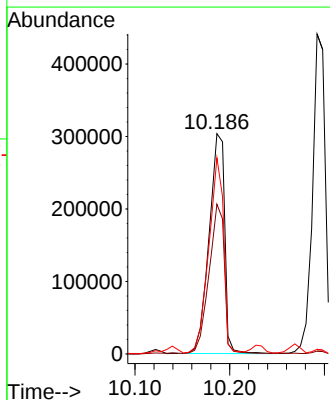
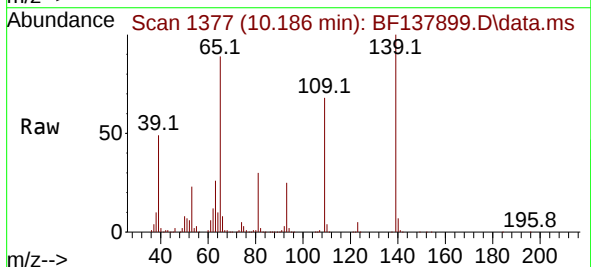
Manual Integrations
APPROVED

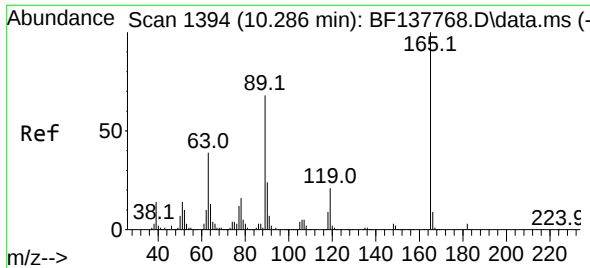
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#56
4-Nitrophenol
Concen: 85.521 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:139 Resp: 347964
Ion Ratio Lower Upper
139 100
109 68.0 44.0 84.0
65 89.0 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 46.250 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

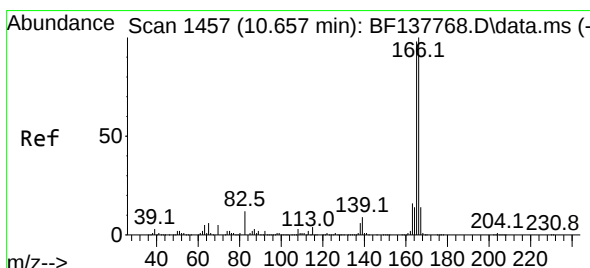
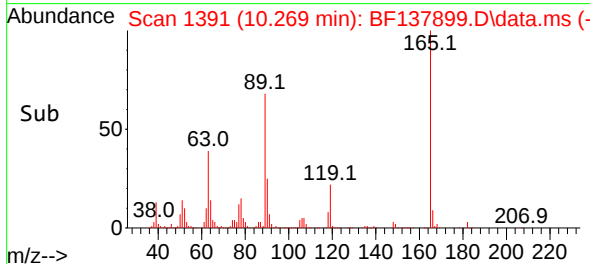
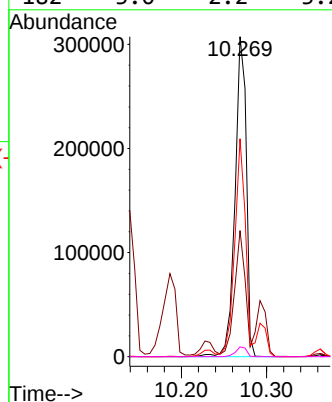
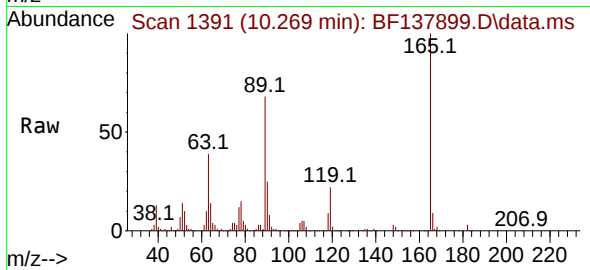
ClientSampleId :

PB160855BS

Tgt Ion:165 Resp: 28325
Ion Ratio Lower Upper
165 100
63 39.4 31.3 46.9
89 68.1 54.2 81.4
182 3.0 2.2 3.2

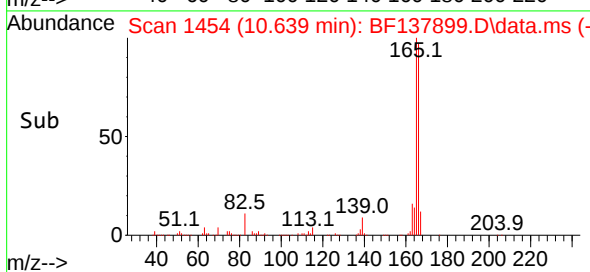
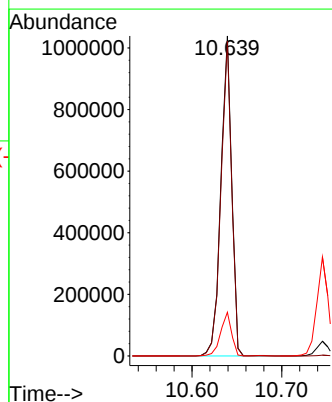
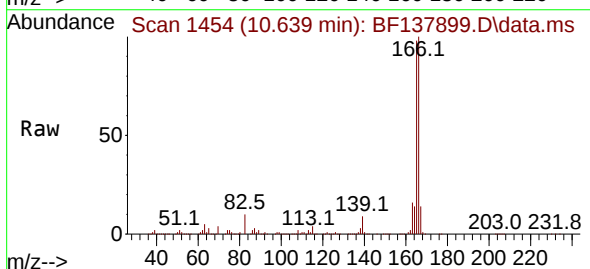
Manual Integrations
APPROVED

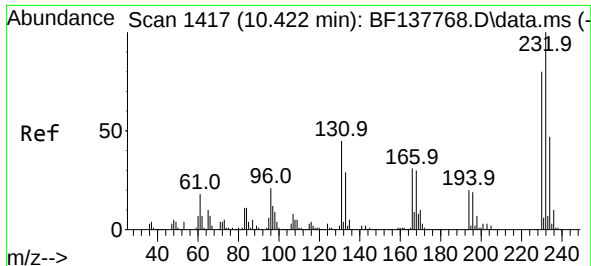
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#58
Fluorene
Concen: 43.589 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

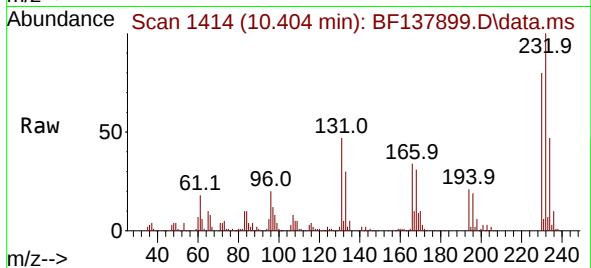
Tgt Ion:166 Resp: 871484
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.573 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

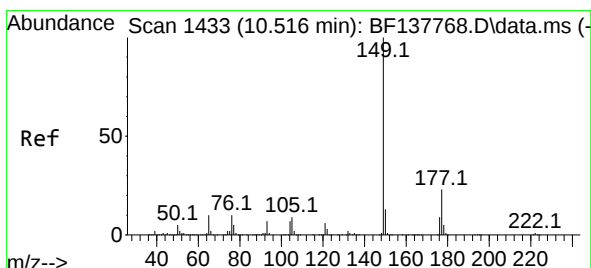
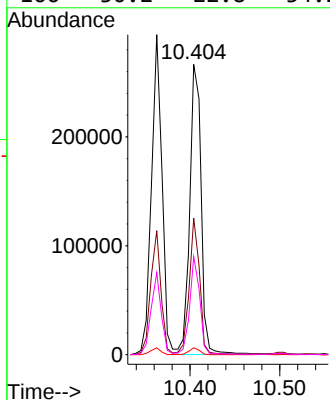
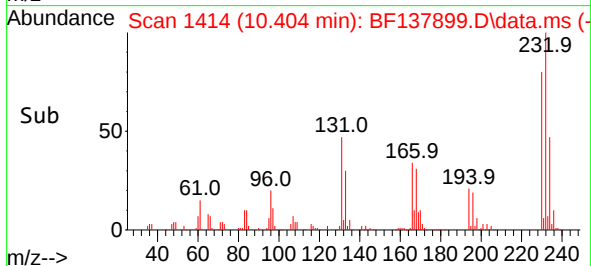
Instrument :
BNA_F
ClientSampleId :
PB160855BS



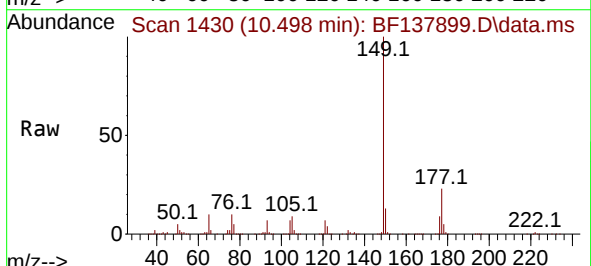
Tgt Ion:232 Resp: 234081
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.2 1.7 2.5
166 30.2 22.8 34.2

Manual Integrations
APPROVED

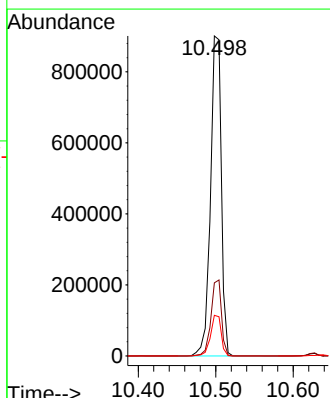
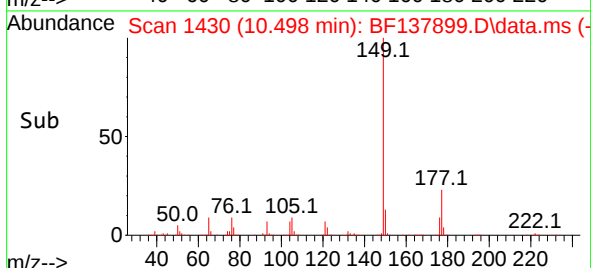
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

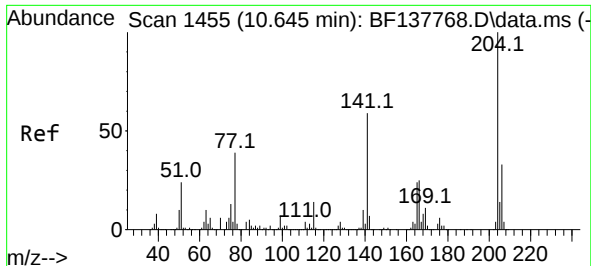


#60
Diethylphthalate
Concen: 44.918 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



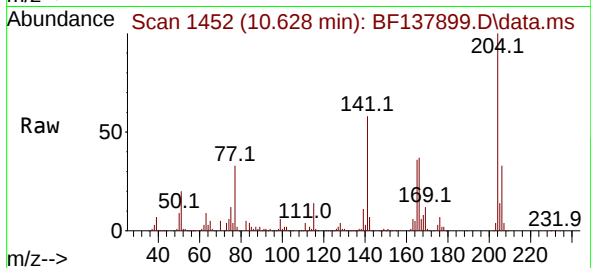
Tgt Ion:149 Resp: 875091
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 43.411 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

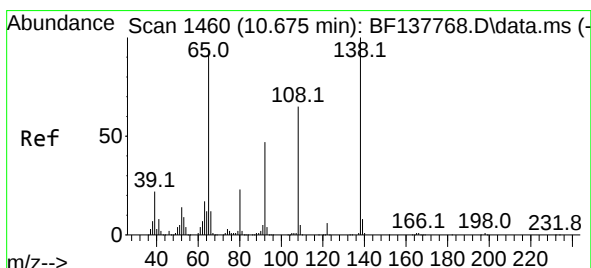
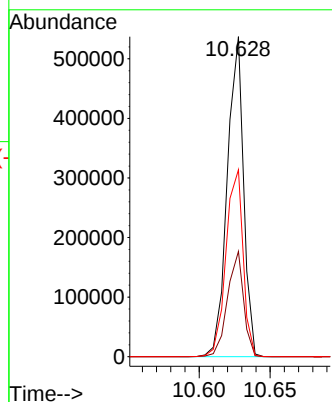
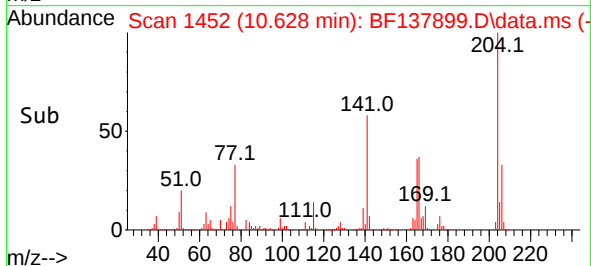
Instrument :
BNA_F
ClientSampleId :
PB160855BS



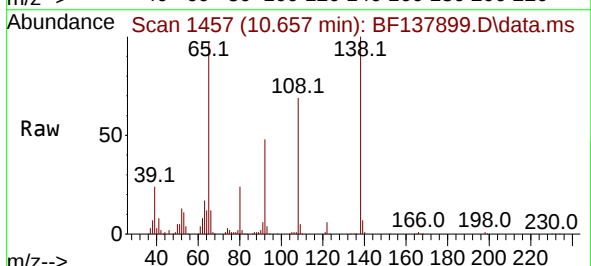
Tgt Ion:204 Resp: 42764
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 58.4 47.0 70.6

Manual Integrations
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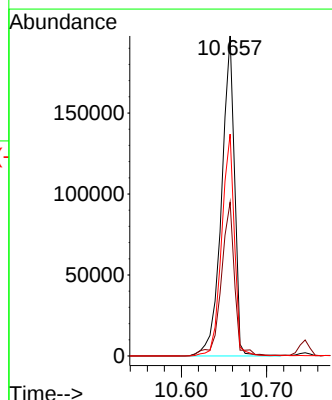
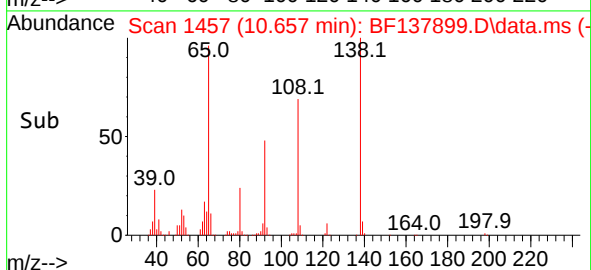
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

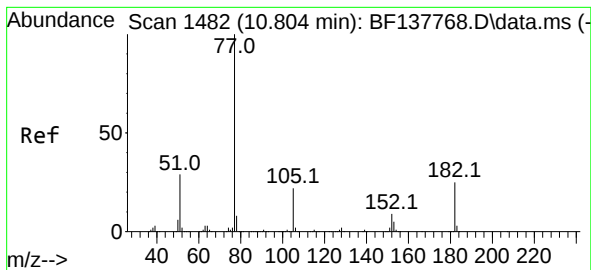


#62
4-Nitroaniline
Concen: 42.218 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:138 Resp: 210221
Ion Ratio Lower Upper
138 100
92 48.1 26.8 66.8
108 69.4 44.7 84.7





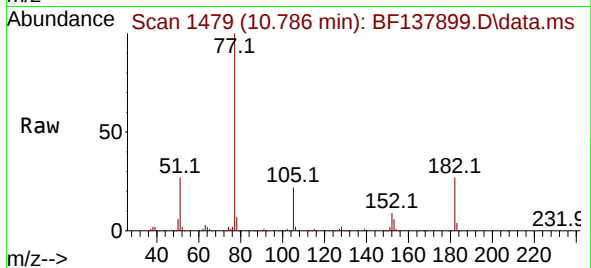
#63
Azobenzene
Concen: 42.592 ng
RT: 10.786 min Scan# 1482
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

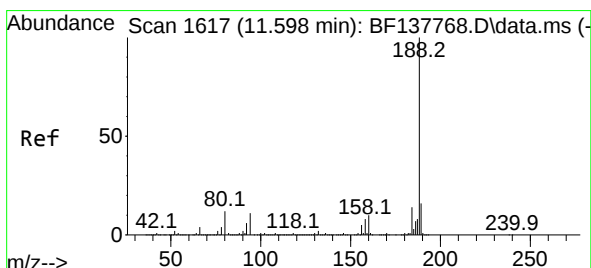
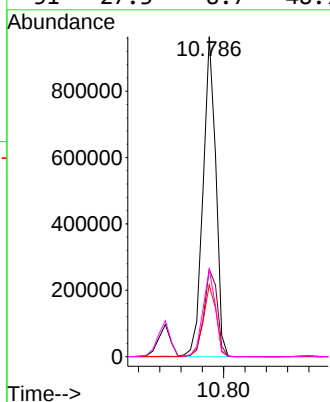
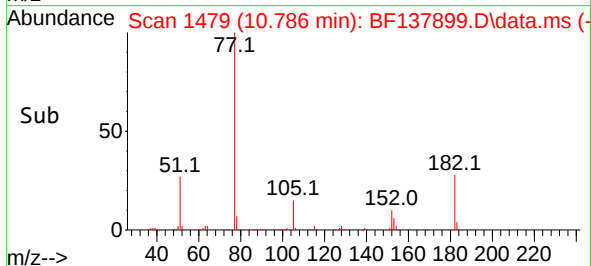


Tgt Ion: 77 Resp: 801990
Ion Ratio Lower Upper
77 100
182 27.3 5.1 45.1
105 22.4 2.2 42.2
51 27.3 8.7 48.7

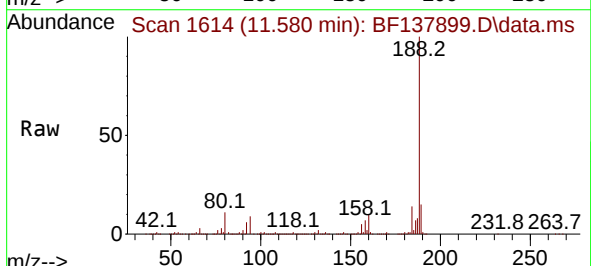
Manual Integrations

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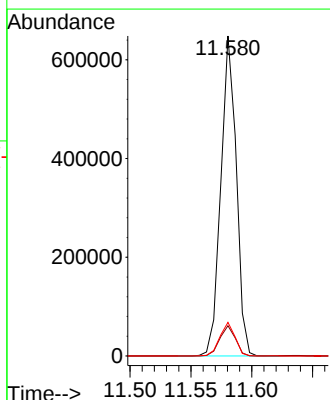
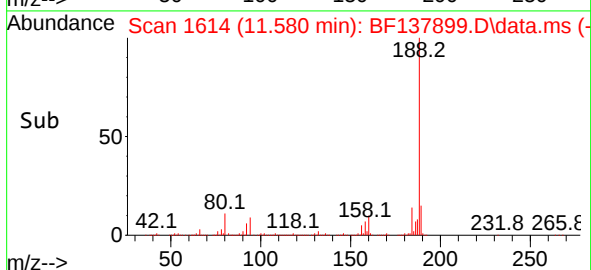
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

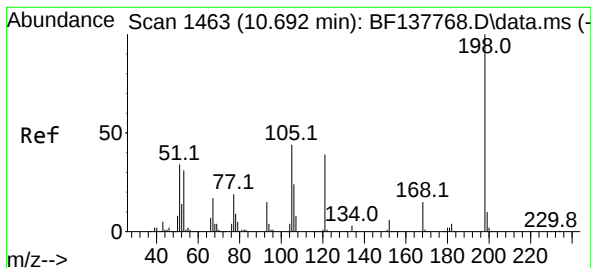


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:188 Resp: 574496
Ion Ratio Lower Upper
188 100
94 9.4 8.8 13.2
80 10.5 9.6 14.4





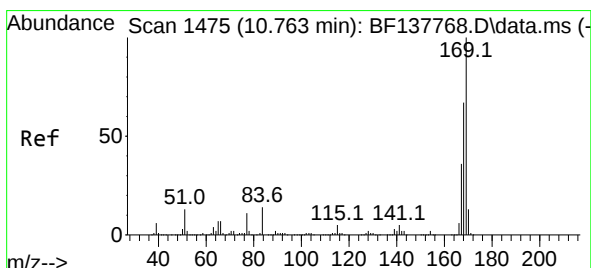
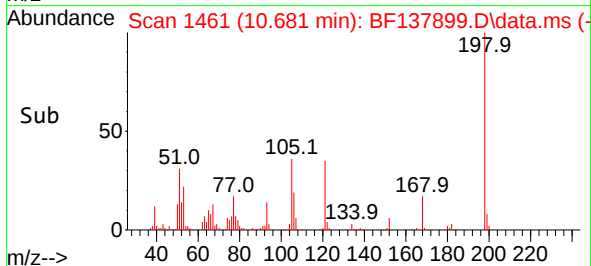
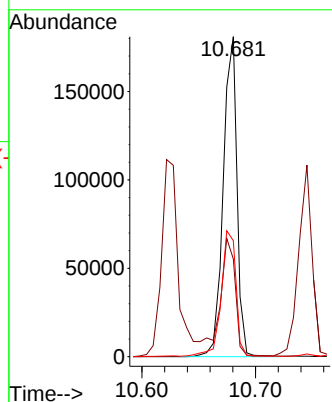
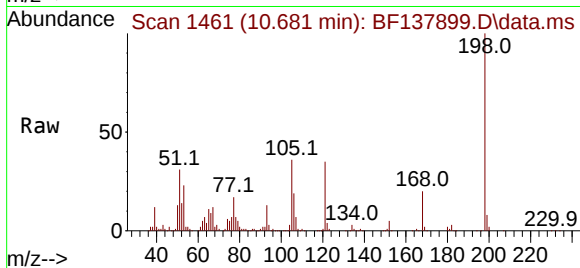
#65
4,6-Dinitro-2-methylphenol
Concen: 46.369 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB160855BS

Tgt Ion:198 Resp: 15289
Ion Ratio Lower Upper
198 100
51 30.6 25.1 65.1
105 36.3 24.1 64.1

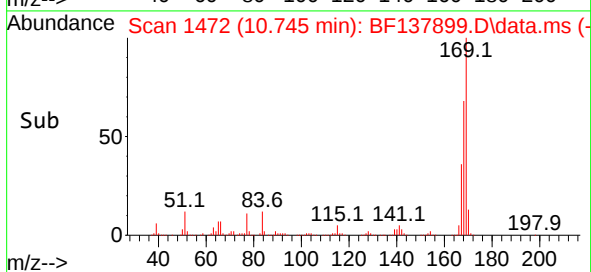
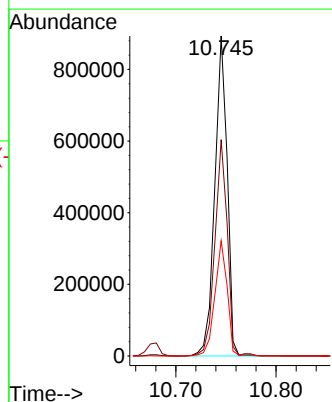
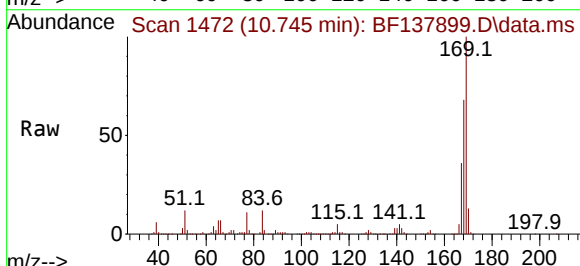
Manual Integrations
APPROVED

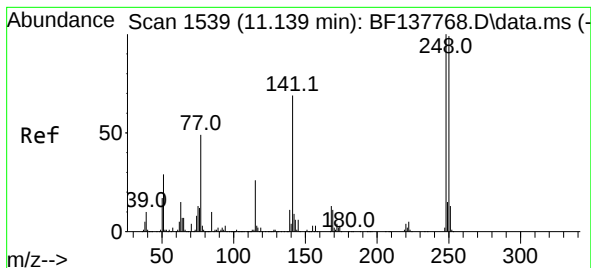
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 44.573 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

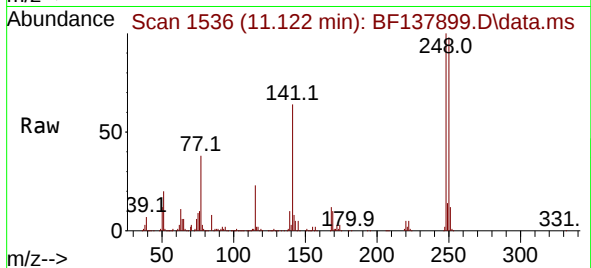
Tgt Ion:169 Resp: 766510
Ion Ratio Lower Upper
169 100
168 67.6 53.3 79.9
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.286 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

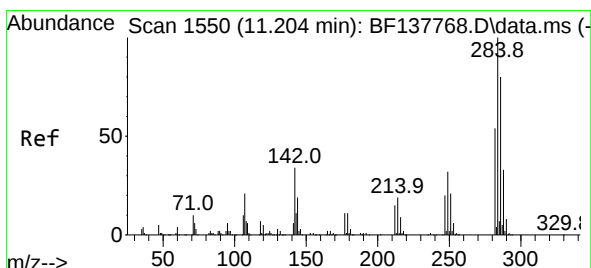
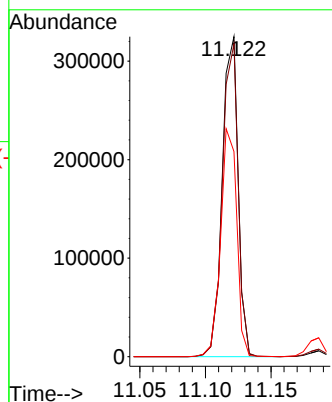
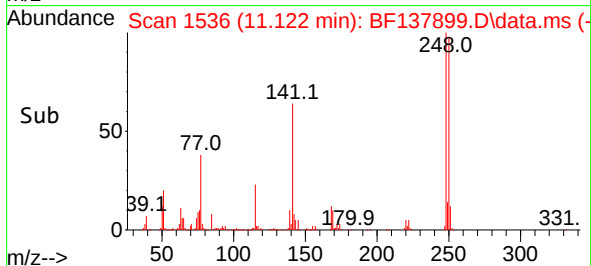
Instrument :
BNA_F
ClientSampleId :
PB160855BS



Tgt Ion:248 Resp: 272285
Ion Ratio Lower Upper
248 100
250 97.7 79.1 118.7
141 64.1 55.4 83.2

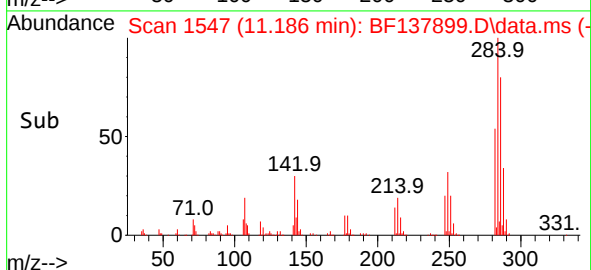
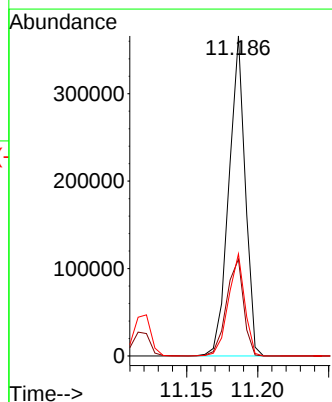
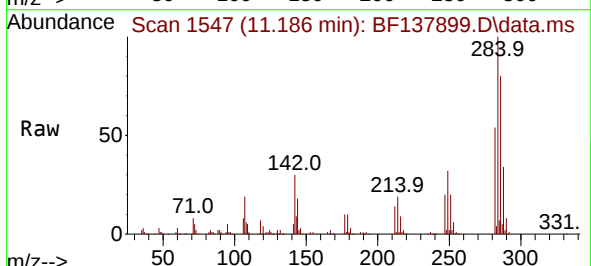
Manual Integrations
APPROVED

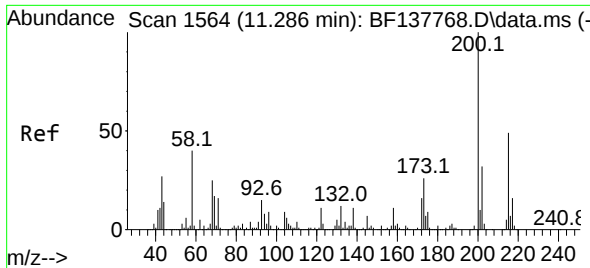
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#68
Hexachlorobenzene
Concen: 43.611 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

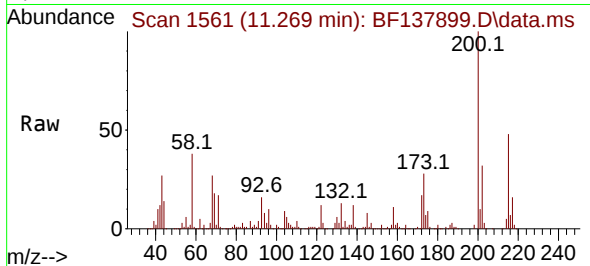
Tgt Ion:284 Resp: 293020
Ion Ratio Lower Upper
284 100
142 30.2 27.3 40.9
249 31.9 25.6 38.4





#69
Atrazine
 Concen: 50.364 ng
 RT: 11.269 min Scan# 11269
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

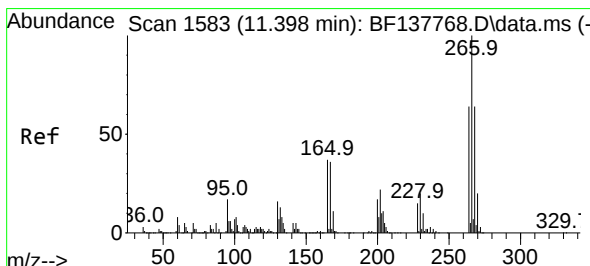
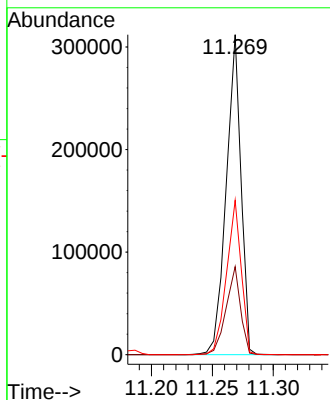
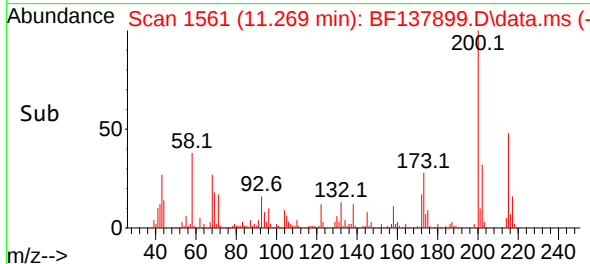
Instrument :
 BNA_F
ClientSampleId :
 PB160855BS



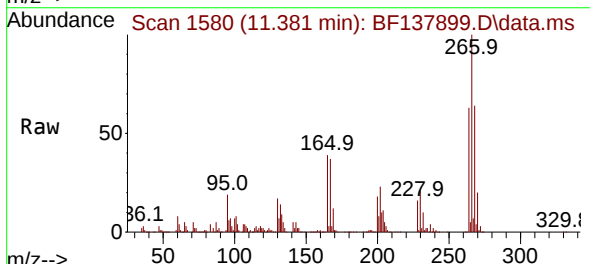
Tgt Ion:200 Resp: 264084
 Ion Ratio Lower Upper
 200 100
 173 27.5 5.9 45.9
 215 48.3 28.8 68.8

Manual Integrations
APPROVED

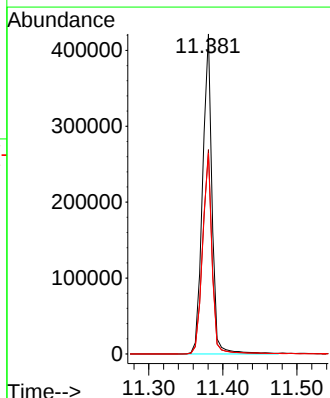
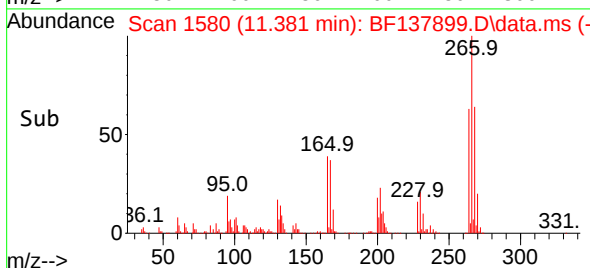
Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/17/2024

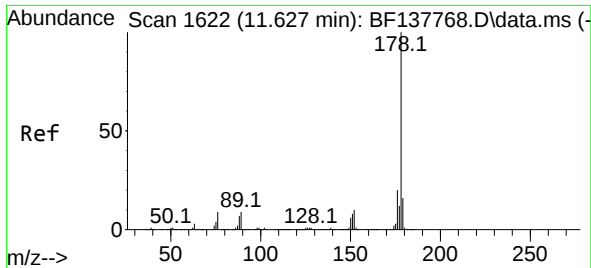


#70
Pentachlorophenol
 Concen: 80.726 ng
 RT: 11.381 min Scan# 1580
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17



Tgt Ion:266 Resp: 372378
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.3 76.9
 264 62.7 51.0 76.4





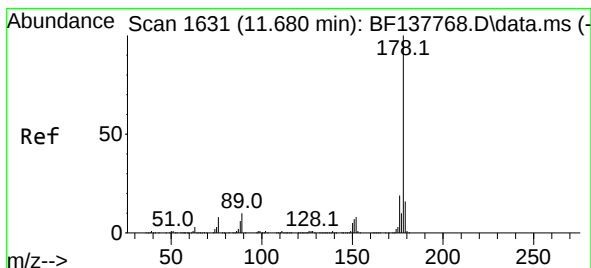
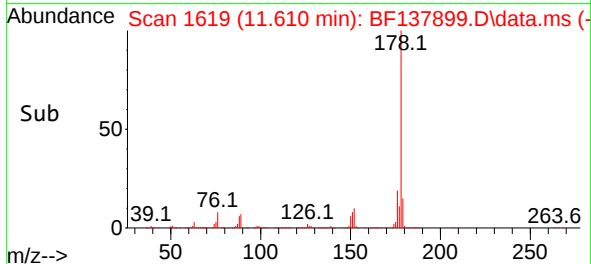
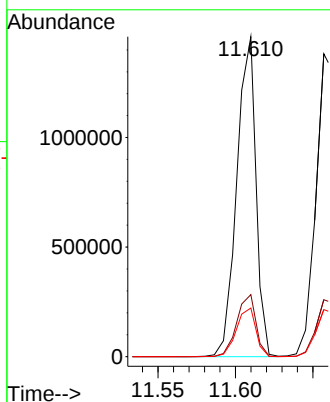
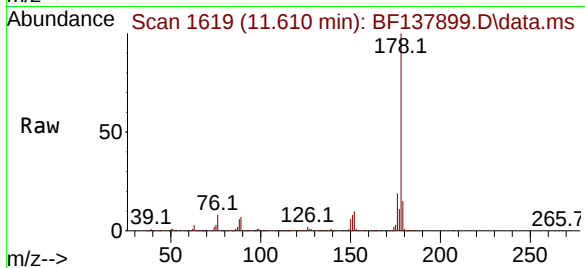
#71
Phenanthrene
Concen: 44.885 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB160855BS

Tgt Ion:178 Resp: 125686
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.2 12.5 18.7

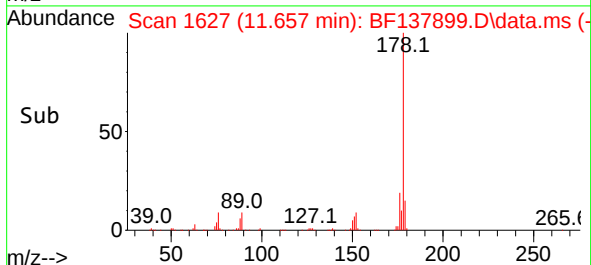
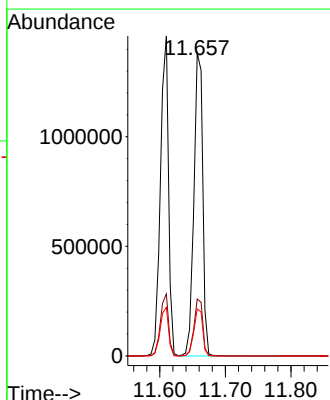
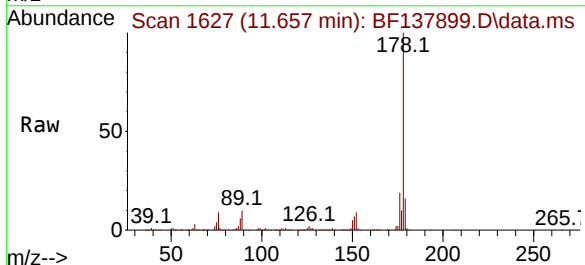
Manual Integrations
APPROVED

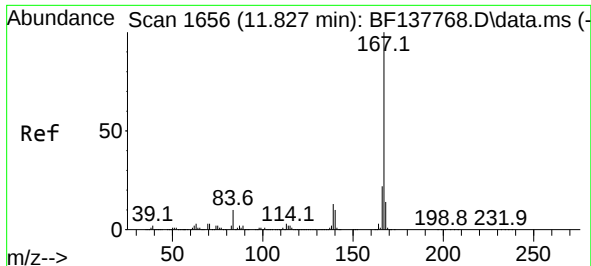
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#72
Anthracene
Concen: 46.569 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

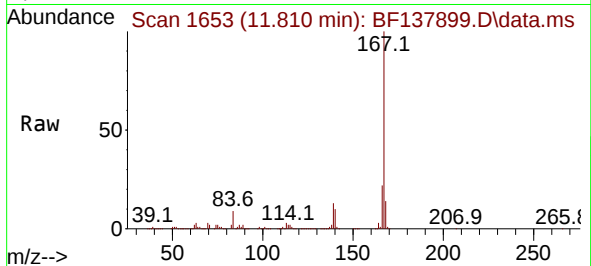
Tgt Ion:178 Resp: 1297488
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 43.962 ng
 RT: 11.810 min Scan# 10
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

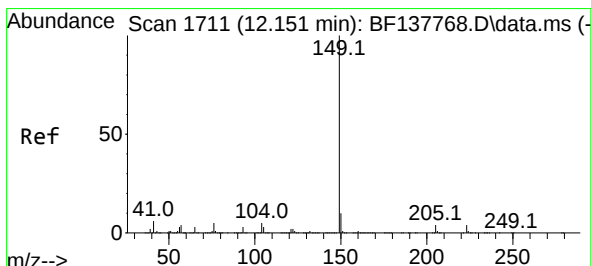
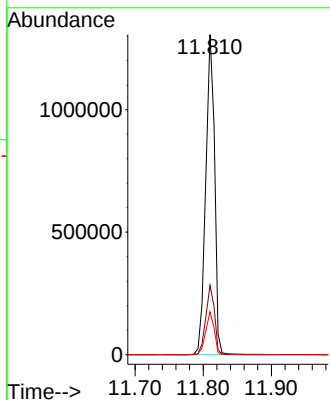
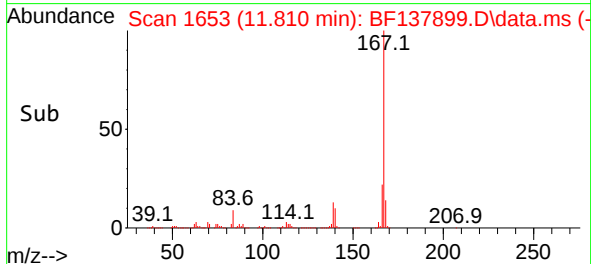


Tgt Ion:167 Resp: 1180440

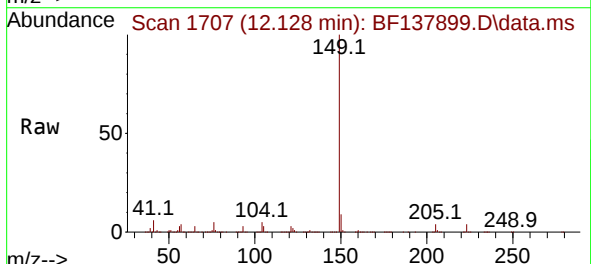
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	10.5	15.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/17/2024

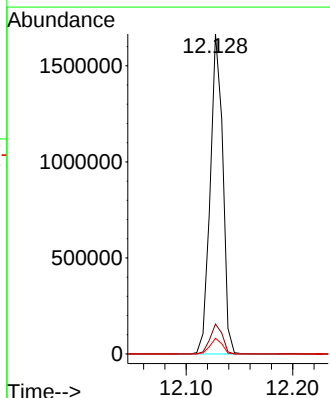
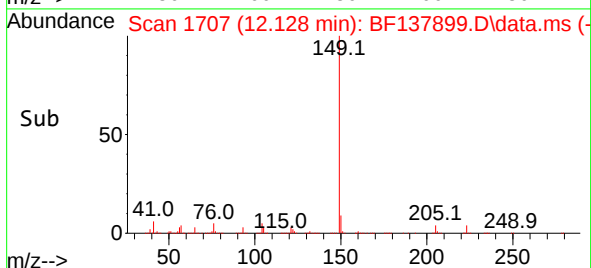


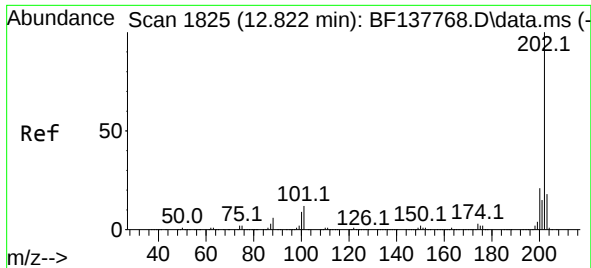
#74
 Di-n-butylphthalate
 Concen: 46.700 ng
 RT: 12.128 min Scan# 1707
 Delta R.T. -0.023 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17



Tgt Ion:149 Resp: 1367870

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	3.8	5.8





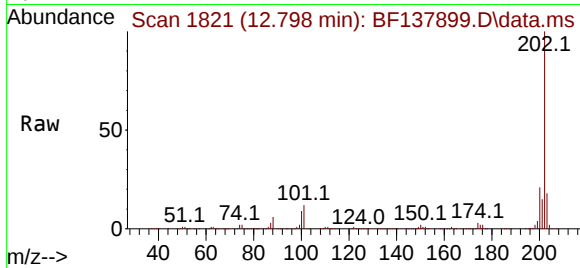
#75
Fluoranthene
Concen: 44.123 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

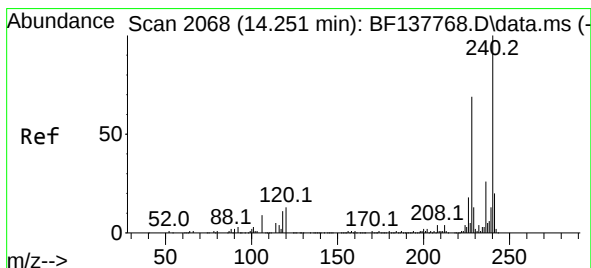
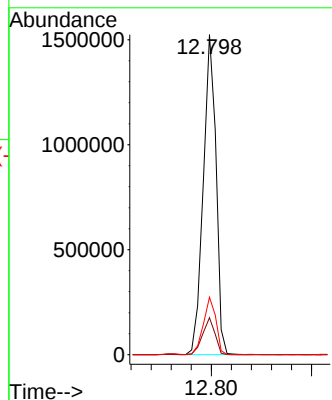
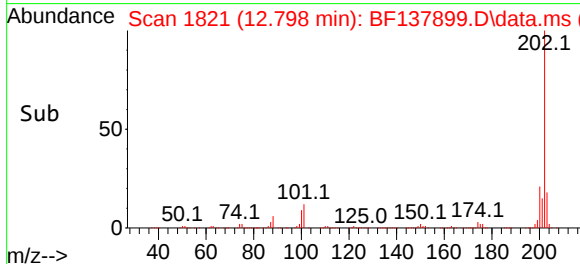


Tgt Ion:202 Resp: 1350558
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 17.9 0.0 37.8

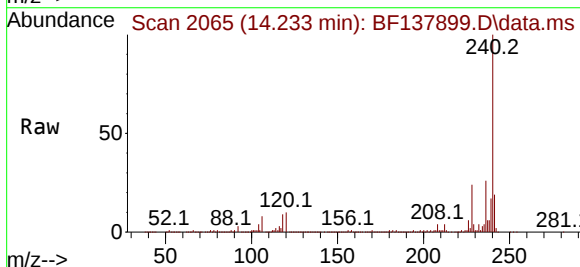
Manual Integrations

APPROVED

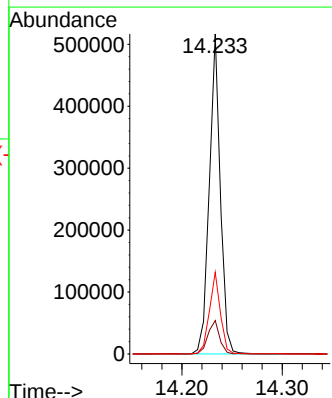
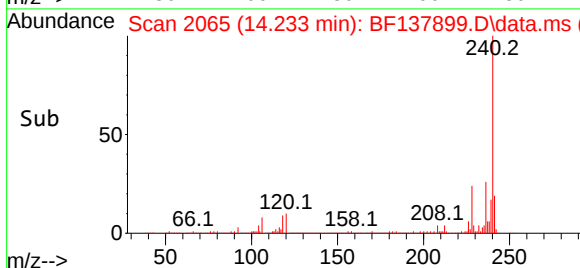
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

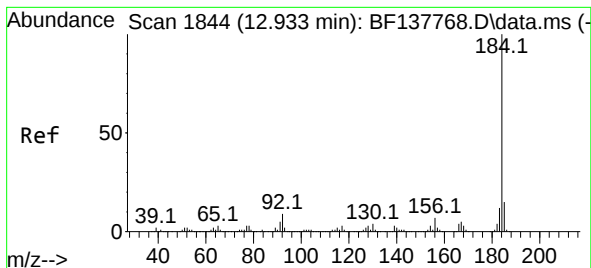


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:240 Resp: 396812
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 25.5 20.4 30.6





#77

Benzidine

Concen: 19.461 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

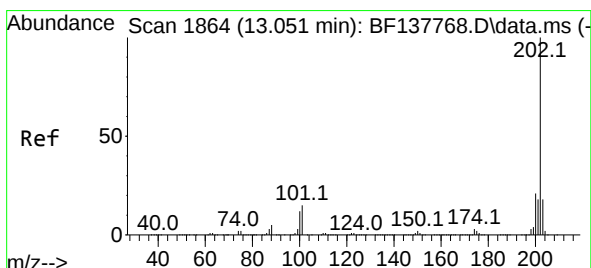
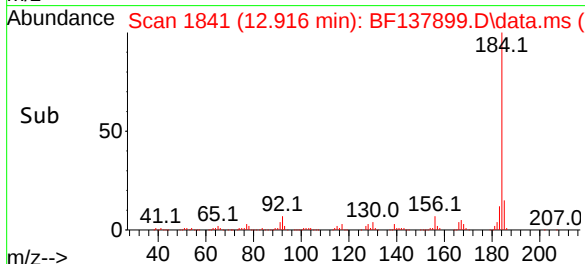
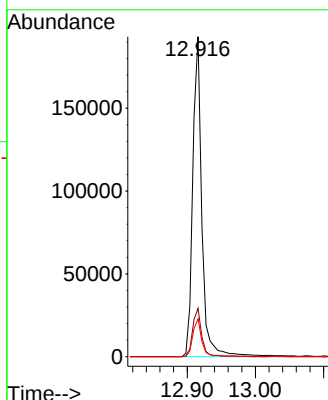
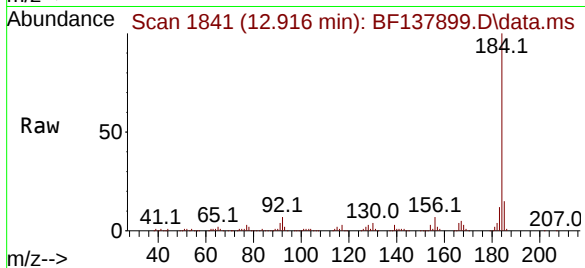
PB160855BS

Tgt Ion:184 Resp: 178597
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.3 18.5
 183 11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/17/2024



#78

Pyrene

Concen: 43.671 ng

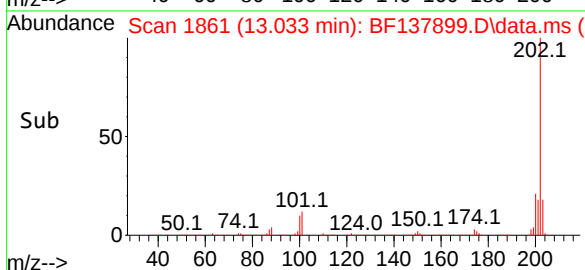
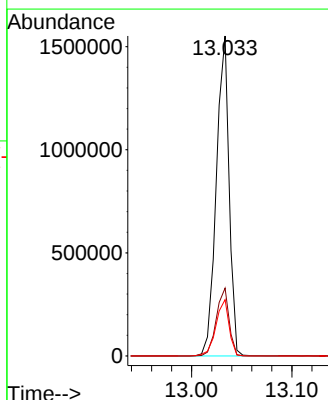
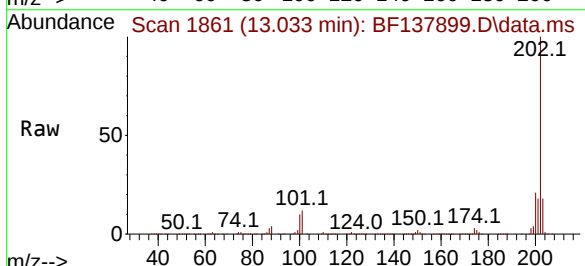
RT: 13.033 min Scan# 1861

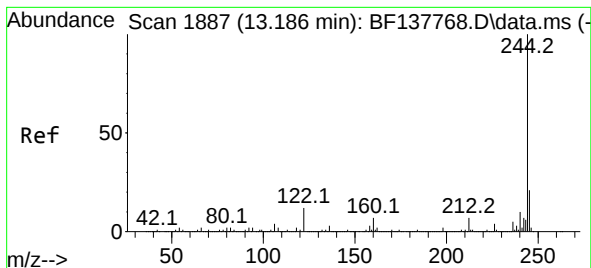
Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:202 Resp: 1373997
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.2 25.8
 203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 90.979 ng

RT: 13.169 min Scan# 1884

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:244 Resp: 2154209

Ion Ratio Lower Upper

244 100

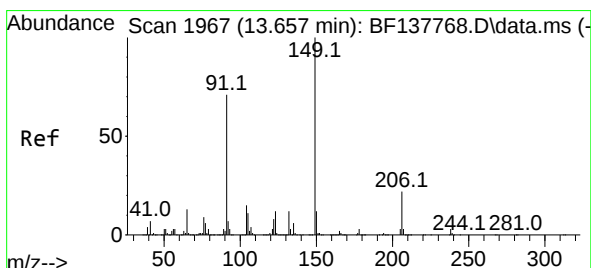
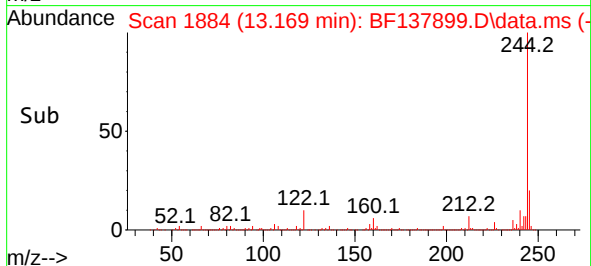
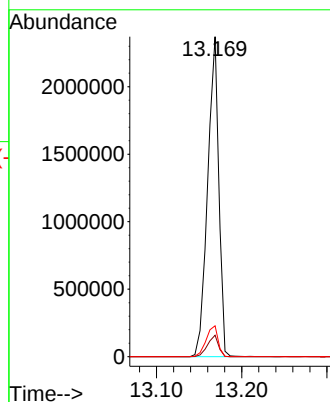
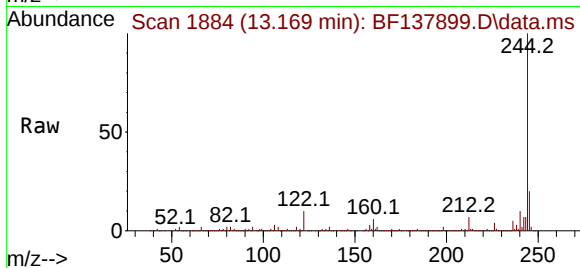
212 6.7 5.5 8.3

122 9.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#80

Butylbenzylphthalate

Concen: 52.586 ng

RT: 13.639 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

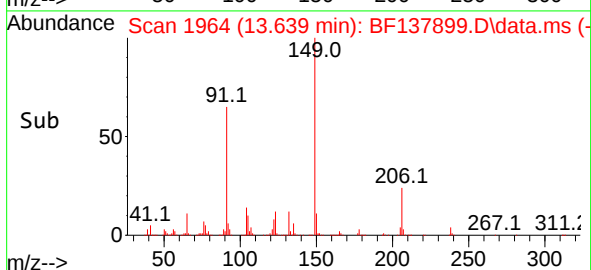
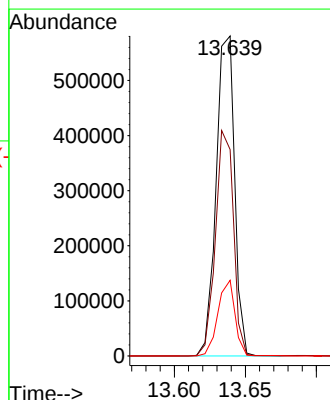
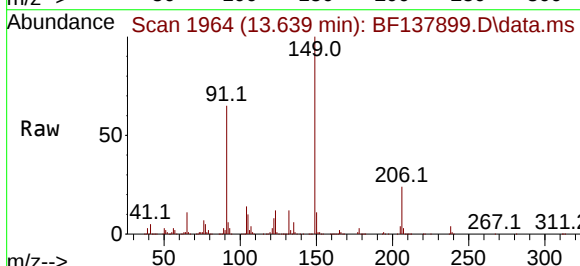
Tgt Ion:149 Resp: 524935

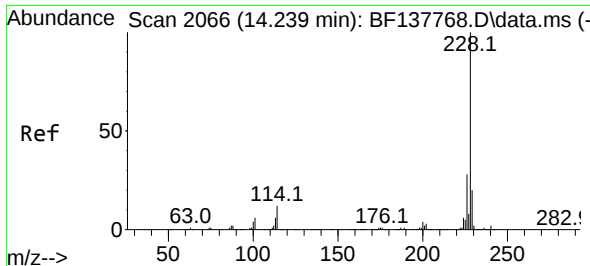
Ion Ratio Lower Upper

149 100

91 64.5 56.8 85.2

206 23.7 17.8 26.8





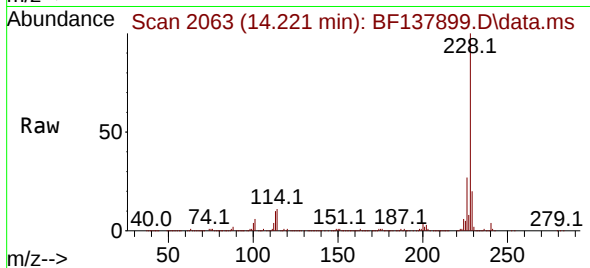
#81
Benzo(a)anthracene
Concen: 46.028 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

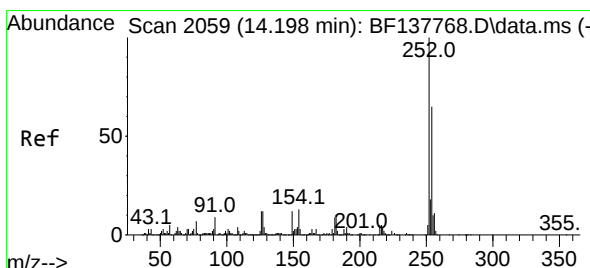
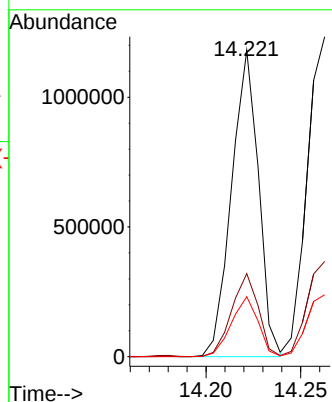
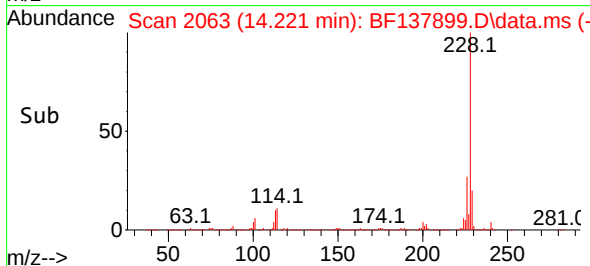


Tgt Ion:228 Resp: 116817
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.6 16.3 24.5

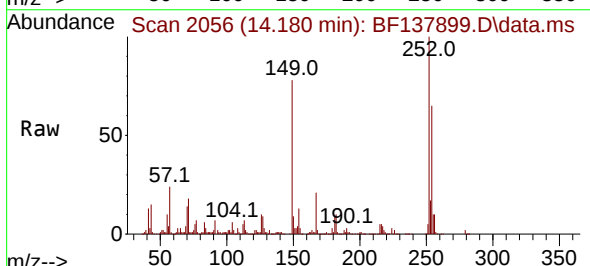
Manual Integrations

APPROVED

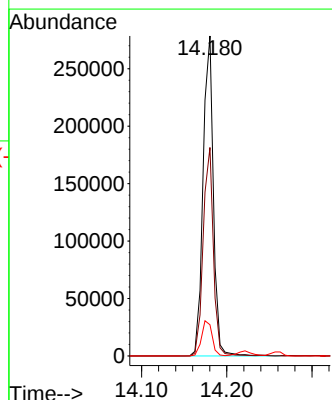
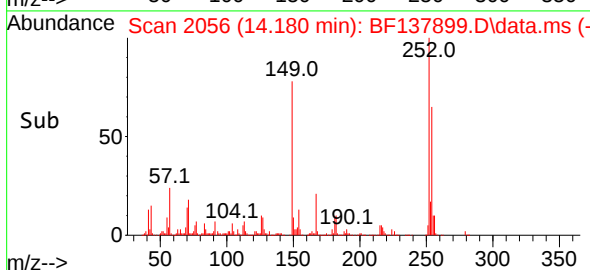
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

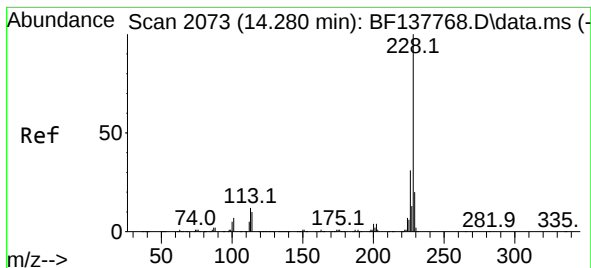


#82
3,3'-Dichlorobenzidine
Concen: 30.776 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17



Tgt Ion:252 Resp: 233833
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 9.8 9.7 14.5





#83

Chrysene

Concen: 46.551 ng

RT: 14.263 min Scan# 2073

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:228 Resp: 110623

Ion Ratio Lower Upper

228 100

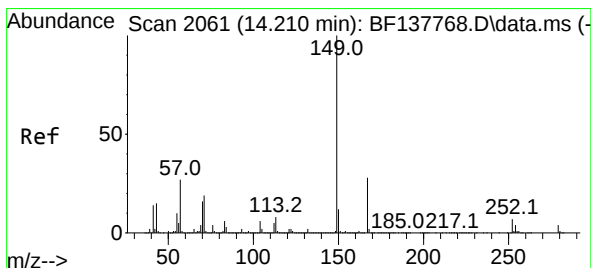
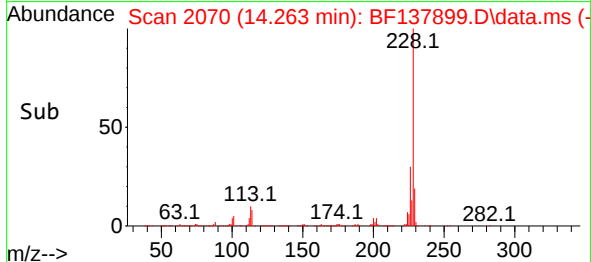
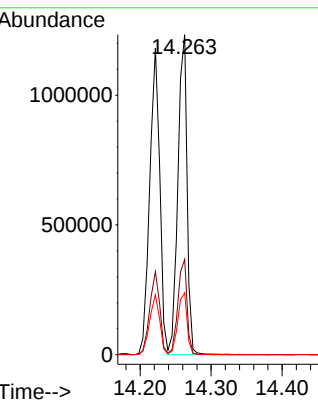
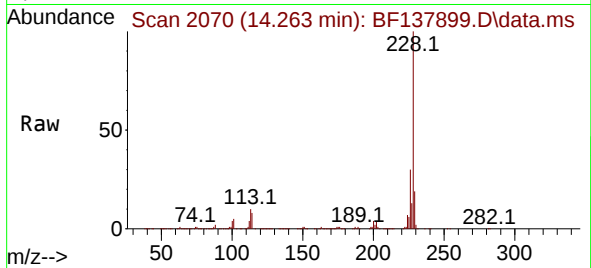
226 29.8 24.8 37.2

229 19.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.056 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.023 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

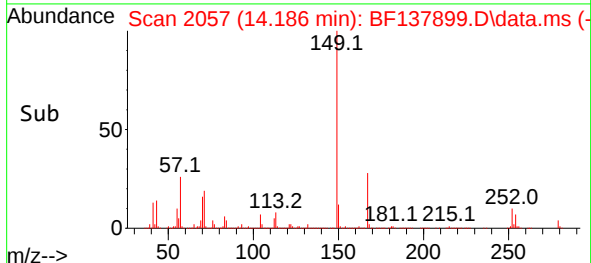
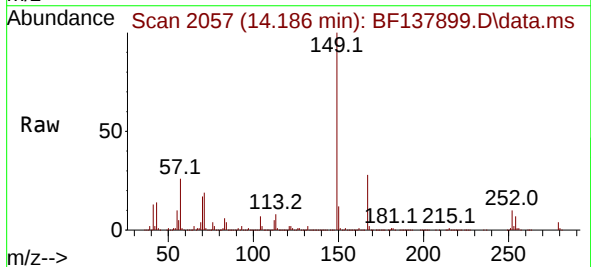
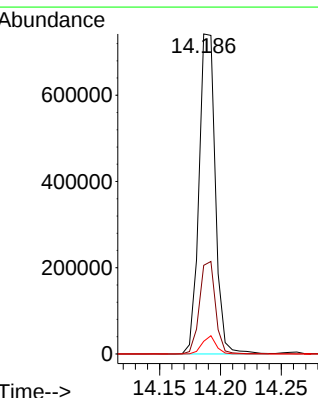
Tgt Ion:149 Resp: 692649

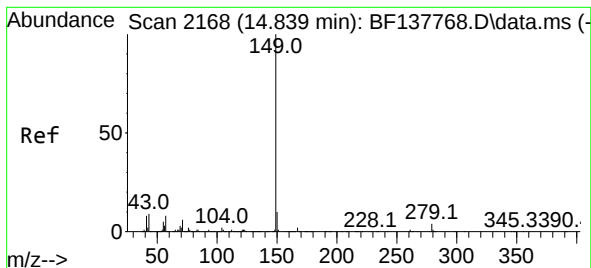
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

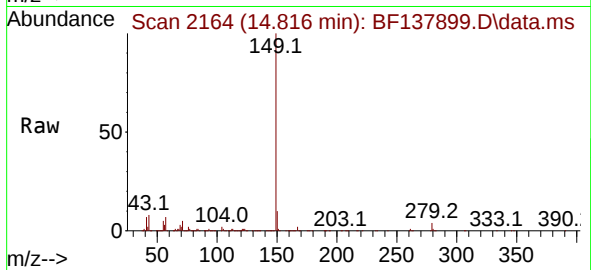
279 3.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 59.741 ng
RT: 14.816 min Scan# 2164
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

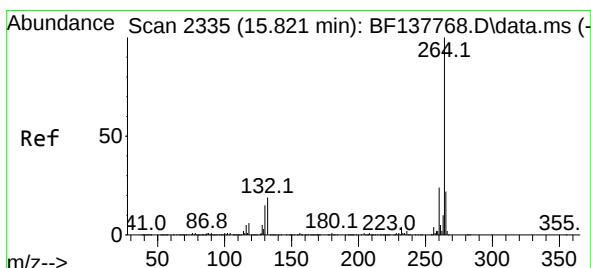
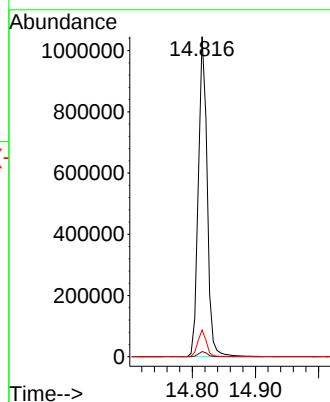
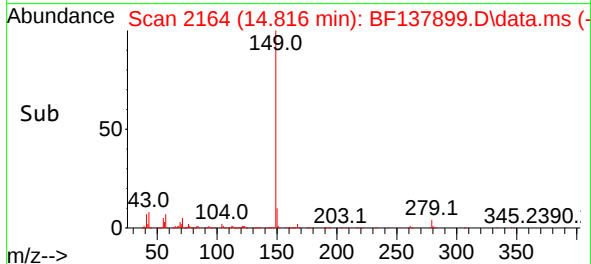
Instrument :
BNA_F
ClientSampleId :
PB160855BS



Tgt Ion:149 Resp: 1011488
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.5 11.3

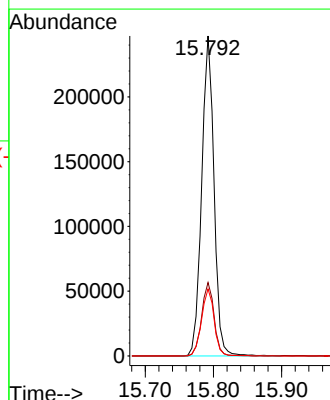
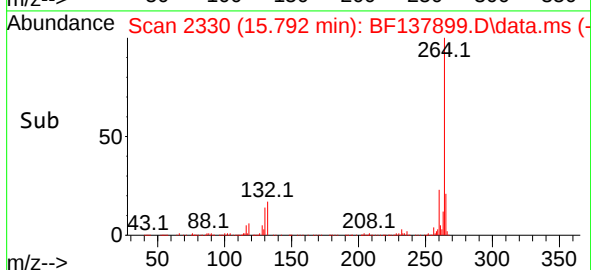
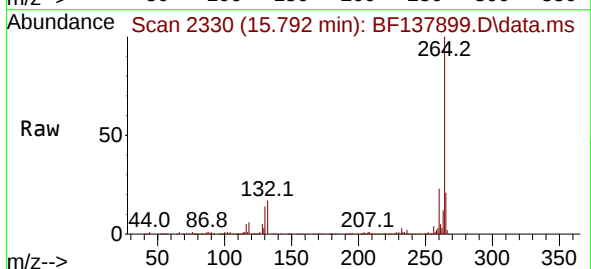
Manual Integrations
APPROVED

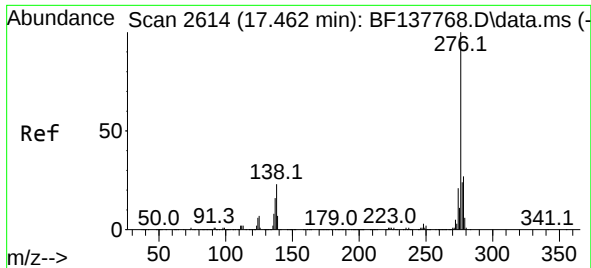
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 2330
Delta R.T. -0.029 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:264 Resp: 310445
Ion Ratio Lower Upper
264 100
260 23.0 18.9 28.3
265 21.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.234 ng
RT: 17.421 min Scan# 20
Delta R.T. -0.041 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

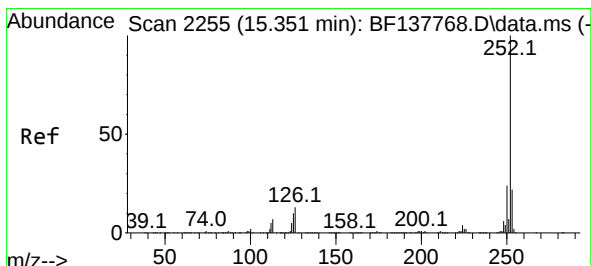
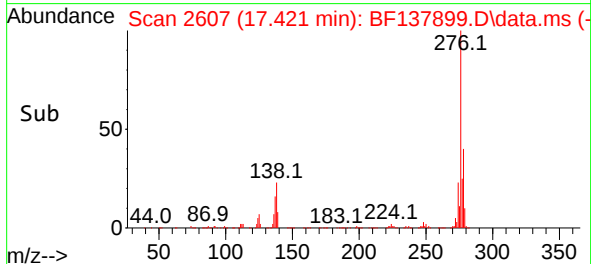
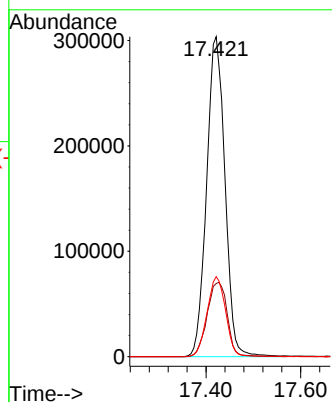
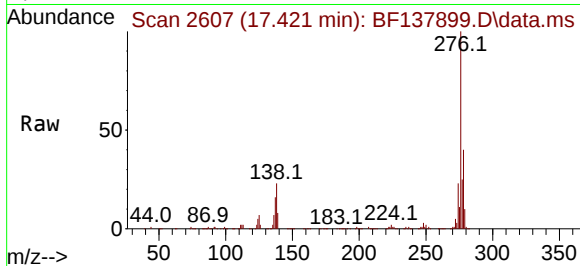
PB160855BS

Tgt Ion:276 Resp: 816019
Ion Ratio Lower Upper
276 100
138 25.5 21.4 32.0
277 25.3 20.1 30.1

Manual Integrations

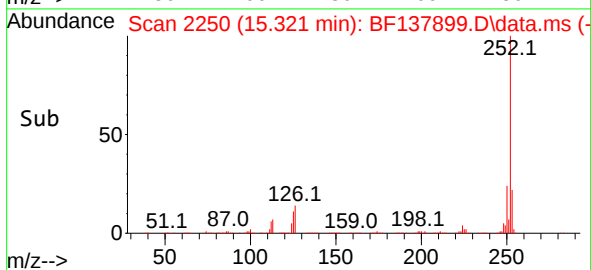
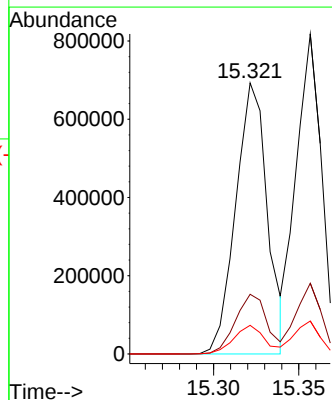
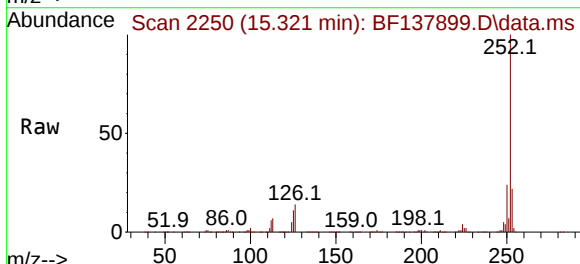
APPROVED

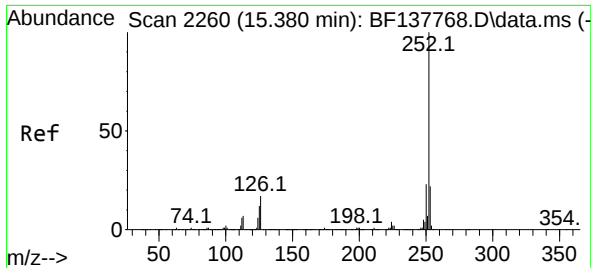
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#88
Benzo(b)fluoranthene
Concen: 46.457 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.029 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:252 Resp: 897325
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.6 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 46.147 ng
RT: 15.357 min Scan# 2119
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

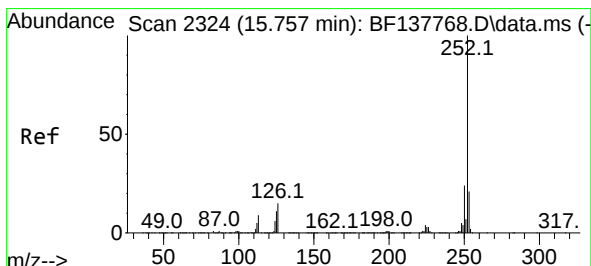
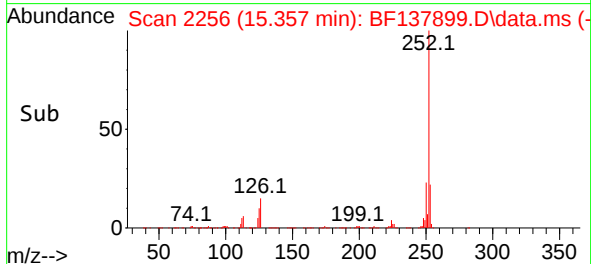
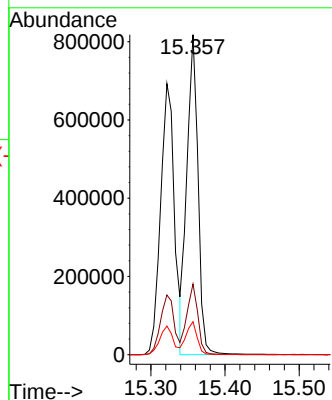
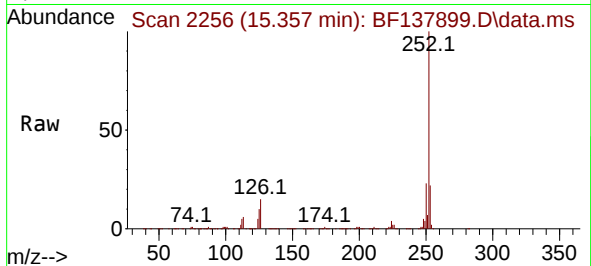
PB160855BS

Tgt Ion:252 Resp: 861500
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.3 9.0 13.4

Manual Integrations

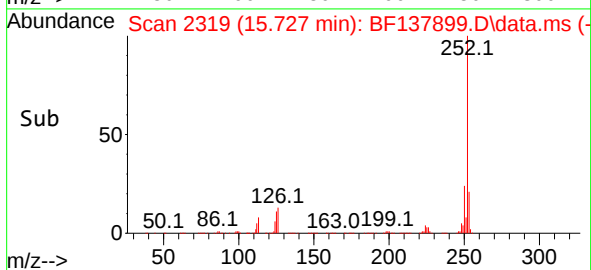
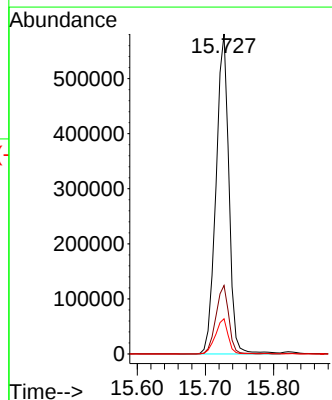
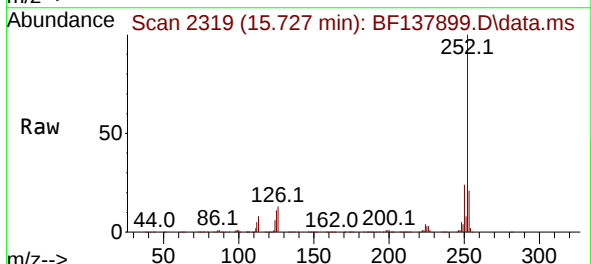
APPROVED

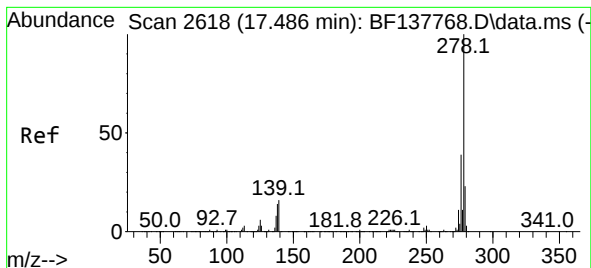
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#90
Benzo(a)pyrene
Concen: 48.573 ng
RT: 15.727 min Scan# 2319
Delta R.T. -0.029 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:252 Resp: 765401
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 11.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 46.012 ng

RT: 17.439 min Scan# 2610

Delta R.T. -0.047 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

Tgt Ion:278 Resp: 66103

Ion Ratio Lower Upper

278 100

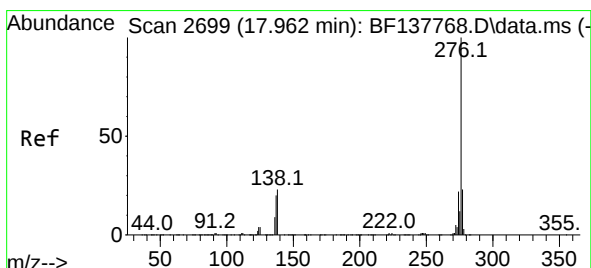
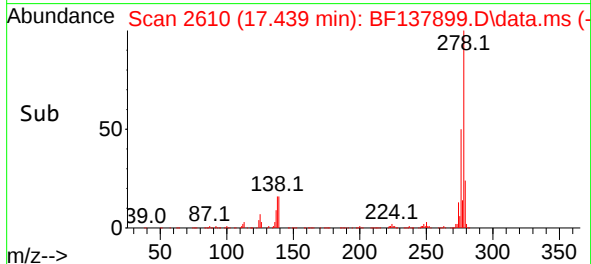
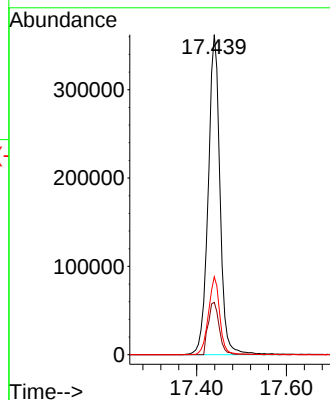
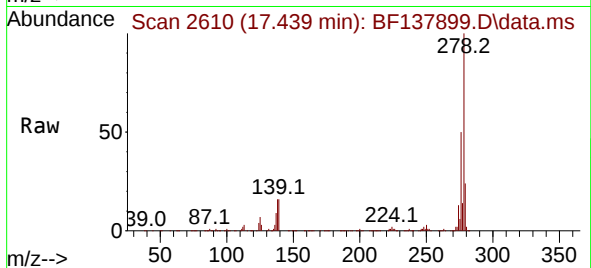
139 16.4 13.0 19.6

279 24.3 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024



#92

Benzo(g,h,i)perylene

Concen: 42.262 ng

RT: 17.915 min Scan# 2691

Delta R.T. -0.047 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:276 Resp: 636482

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 22.0 18.1 27.1

