

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137337.D
 Acq On : 08 Feb 2024 14:57
 Operator : CG\JU
 Sample : PB158865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024

Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 15:33:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 31 04:56:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	102217	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	400856	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	223152	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	408780	20.000	ng	0.00
76) Chrysene-d12	13.968	240	241393	20.000	ng	0.00
86) Perylene-d12	15.445	264	146725	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	813208	131.276	ng	0.01
7) Phenol-d6	6.428	99	1066035	120.587	ng	0.00
23) Nitrobenzene-d5	7.351	82	716271	80.000	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	293664	116.525	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1226964	75.584	ng	0.00
79) Terphenyl-d14	12.910	244	1331985	75.013	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	115887	34.963	ng	97
3) Pyridine	3.387	79	274155	41.305	ng	98
4) n-Nitrosodimethylamine	3.357	42	145069	43.584	ng	90
6) Aniline	6.451	93	321765	34.001	ng	98
8) 2-Chlorophenol	6.569	128	306120	44.196	ng	99
9) Benzaldehyde	6.340	77	89657	26.631	ng	96
10) Phenol	6.440	94	414856	42.041	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	293407	44.492	ng	99
12) 1,3-Dichlorobenzene	6.728	146	332609	40.957	ng	96
13) 1,4-Dichlorobenzene	6.804	146	345328	41.117	ng	96
14) 1,2-Dichlorobenzene	6.951	146	324006	41.261	ng	99
15) Benzyl Alcohol	6.934	79	290433	46.243	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.057	45	512887	43.175	ng	98
17) 2-Methylphenol	7.039	107	261453	45.183	ng	97
18) Hexachloroethane	7.292	117	123336	40.717	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	242517	40.010	ng	99
20) 3+4-Methylphenols	7.192	107	308016	42.048	ng	94
22) Acetophenone	7.198	105	431616	39.995	ng	# 97
24) Nitrobenzene	7.369	77	364037	41.891	ng	96
25) Isophorone	7.604	82	678237	41.040	ng	97
26) 2-Nitrophenol	7.681	139	153390	45.716	ng	93
27) 2,4-Dimethylphenol	7.722	122	212177	44.918	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	382652	43.602	ng	99
29) 2,4-Dichlorophenol	7.922	162	258205	44.063	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	304240	41.798	ng	98
31) Naphthalene	8.086	128	888319	40.992	ng	99
32) Benzoic acid	7.851	122	162872	48.779	ng	93
33) 4-Chloroaniline	8.139	127	110985	14.889	ng	95
34) Hexachlorobutadiene	8.204	225	197148	40.734	ng	94
35) Caprolactam	8.510	113	80642m	44.258	ng	
36) 4-Chloro-3-methylphenol	8.622	107	286034	41.327	ng	95
37) 2-Methylnaphthalene	8.775	142	586862	40.394	ng	100
38) 1-Methylnaphthalene	8.875	142	563451	41.755	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	310844	41.630	ng	99
41) Hexachlorocyclopentadiene	8.928	237	380352	106.950	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	189723	44.797	ng	96

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
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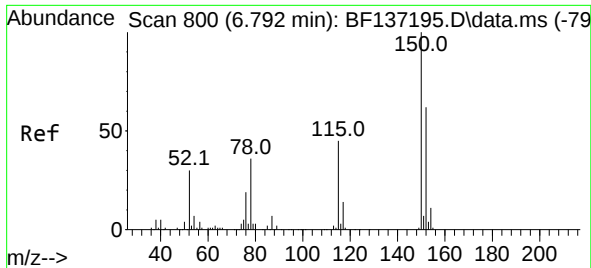
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	201872	43.607	ng	96
46) 1,1'-Biphenyl	9.245	154	734319	41.359	ng	99
47) 2-Chloronaphthalene	9.269	162	542038	41.253	ng	99
48) 2-Nitroaniline	9.369	65	196791	46.274	ng	96
49) Acenaphthylene	9.686	152	861572	40.959	ng	99
50) Dimethylphthalate	9.551	163	628708	41.704	ng	100
51) 2,6-Dinitrotoluene	9.610	165	144555	44.967	ng	92
52) Acenaphthene	9.857	154	513631	41.547	ng	99
53) 3-Nitroaniline	9.780	138	77393	26.752	ng	94
54) 2,4-Dinitrophenol	9.886	184	139682	95.062	ng	85
55) Dibenzofuran	10.028	168	787117	40.019	ng	98
56) 4-Nitrophenol	9.945	139	201928	97.238	ng	95
57) 2,4-Dinitrotoluene	10.016	165	184999	44.352	ng	89
58) Fluorene	10.375	166	594829	38.577	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	185768m	43.128	ng	
60) Diethylphthalate	10.251	149	601776	40.540	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	296535	38.690	ng	96
62) 4-Nitroaniline	10.404	138	122316m	44.172	ng	
63) Azobenzene	10.527	77	658269	40.042	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	104884	48.387	ng	89
66) n-Nitrosodiphenylamine	10.486	169	532371	42.832	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	194796	43.338	ng	96
68) Hexachlorobenzene	10.916	284	210777	41.982	ng	99
69) Atrazine	11.022	200	183145	44.635	ng	97
70) Pentachlorophenol	11.116	266	265969	92.413	ng	99
71) Phenanthrene	11.339	178	885768	41.391	ng	100
72) Anthracene	11.392	178	919593	41.228	ng	99
73) Carbazole	11.551	167	797231	42.767	ng	99
74) Di-n-butylphthalate	11.886	149	874086	43.378	ng	99
75) Fluoranthene	12.533	202	904785	40.404	ng	99
77) Benzidine	12.663	184	223087	51.611	ng	99
78) Pyrene	12.763	202	929105	40.051	ng	99
80) Butylbenzylphthalate	13.392	149	312251	52.618	ng	94
81) Benzo(a)anthracene	13.957	228	702053	41.066	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	171672	36.858	ng	98
83) Chrysene	13.992	228	721007	42.899	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	386420	55.970	ng	# 97
85) Di-n-octyl phthalate	14.580	149	633530	57.711	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	472697	45.856	ng	99
88) Benzo(b)fluoranthene	15.015	252	616107	68.279	ng	98
89) Benzo(k)fluoranthene	15.045	252	619343	64.881	ng	100
90) Benzo(a)pyrene	15.380	252	436673	51.424	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	384258	46.522	ng	98
92) Benzo(g,h,i)perylene	17.404	276	374414	46.186	ng	99

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

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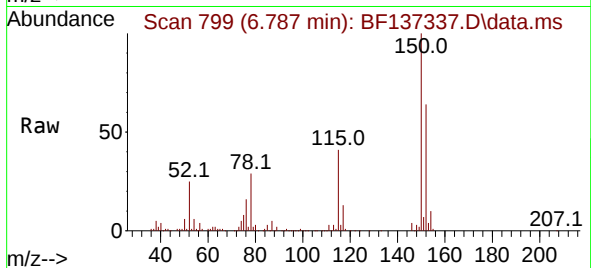
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

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PB158865BS

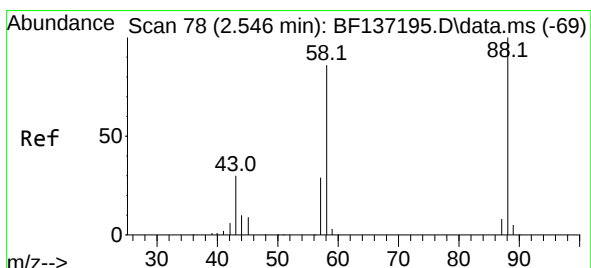
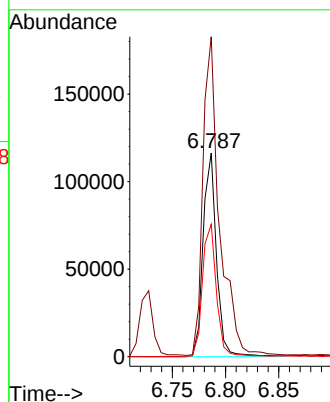
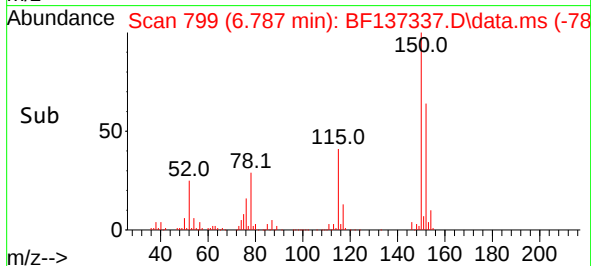


Tgt Ion:152 Resp: 10221
Ion Ratio Lower Upper
152 100
150 157.1 129.8 194.8
115 65.0 58.5 87.7

Manual Integrations

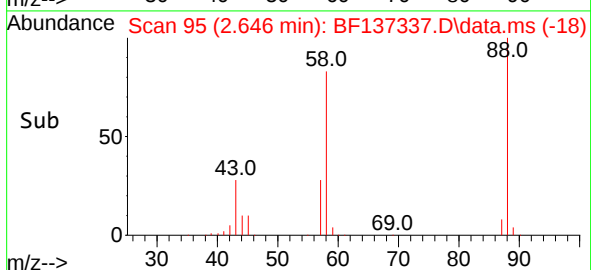
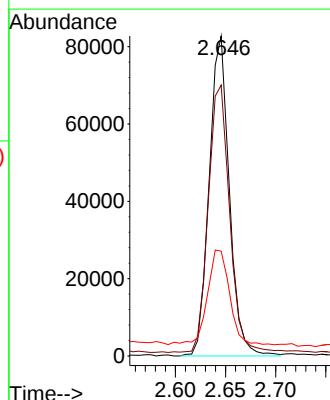
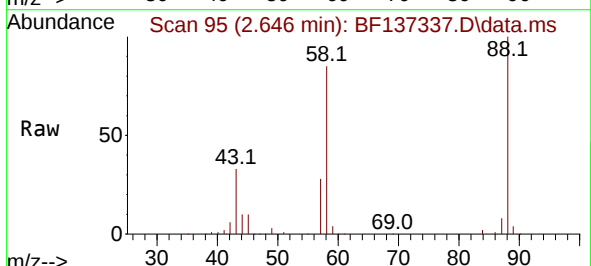
APPROVED

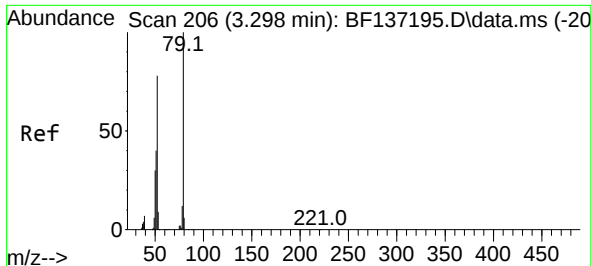
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#2
1,4-Dioxane
Concen: 34.963 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.100 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

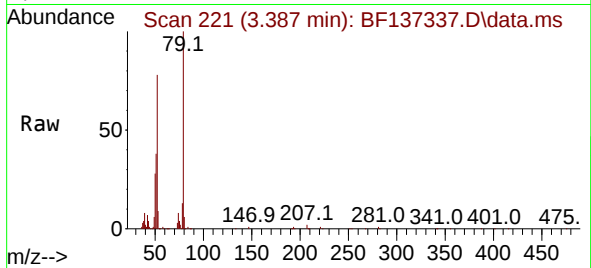
Tgt Ion: 88 Resp: 115887
Ion Ratio Lower Upper
88 100
58 88.4 67.8 101.8
43 32.4 26.6 40.0





#3
Pyridine
Concen: 41.305 ng
RT: 3.387 min Scan# 216
Delta R.T. 0.089 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

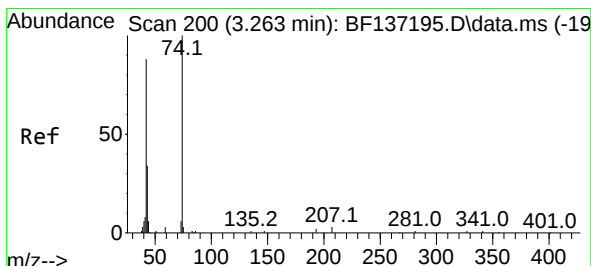
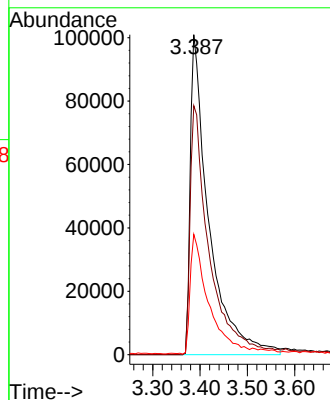
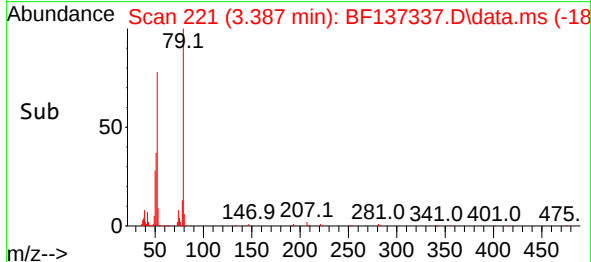
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ClientSampleId :
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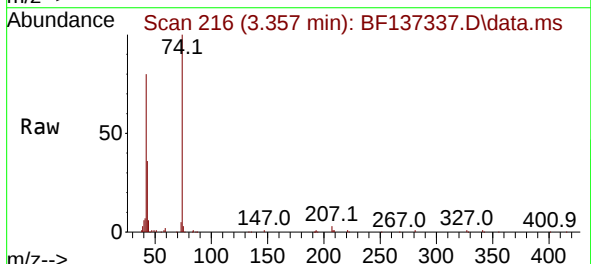
Tgt Ion: 79 Resp: 27415
Ion Ratio Lower Upper
79 100
52 77.8 62.6 94.0
51 37.6 33.0 49.4

Manual Integrations
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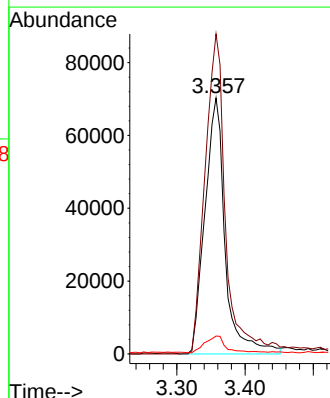
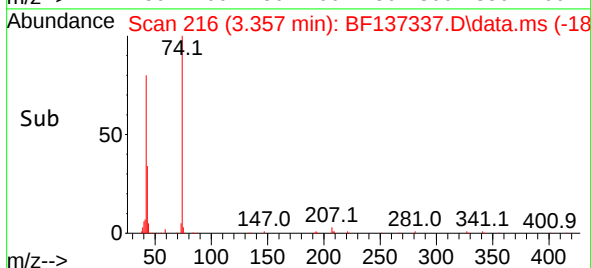
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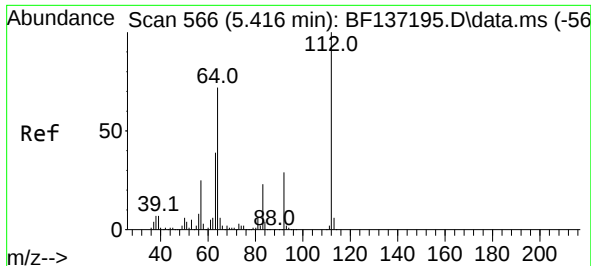


#4
n-Nitrosodimethylamine
Concen: 43.584 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion: 42 Resp: 145069
Ion Ratio Lower Upper
42 100
74 125.0 90.5 135.7
44 7.0 6.1 9.1





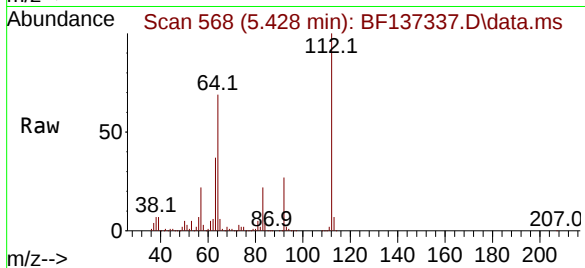
#5
2-Fluorophenol
Concen: 131.276 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

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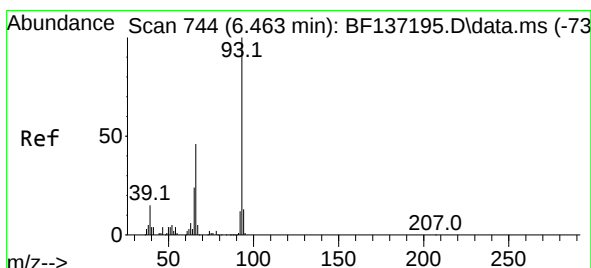
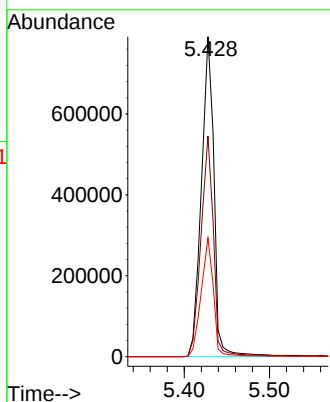
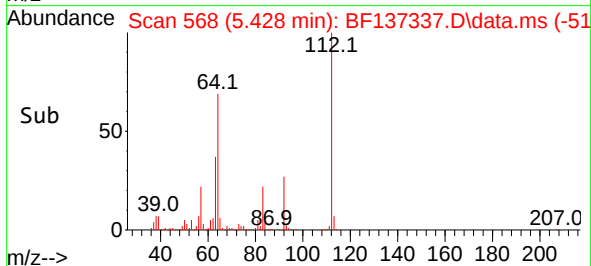


Tgt Ion:112 Resp: 813208
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.6
63 37.1 31.4 47.0

Manual Integrations

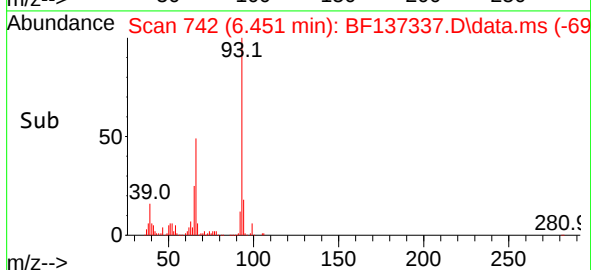
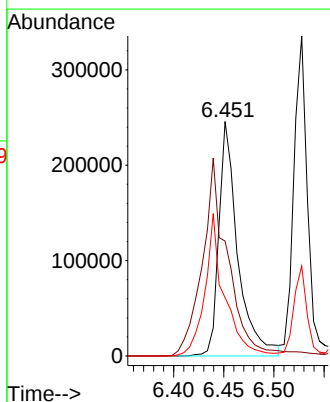
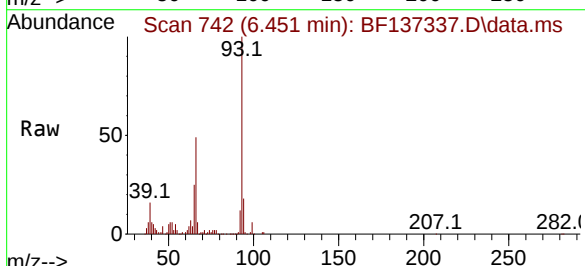
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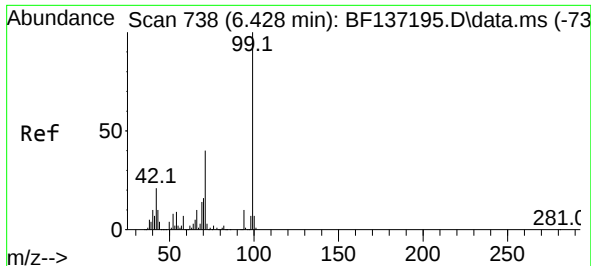
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#6
Aniline
Concen: 34.001 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion: 93 Resp: 321765
Ion Ratio Lower Upper
93 100
66 49.0 37.9 56.9
65 24.9 19.0 28.4





#7

Phenol-d6

Concen: 120.587 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137337.D

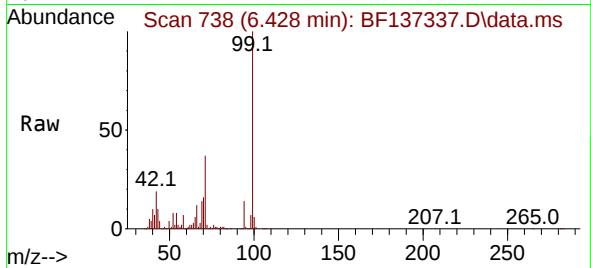
Acq: 08 Feb 2024 14:57

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Tgt Ion: 99 Resp: 106603

Ion Ratio Lower Upper

99 100

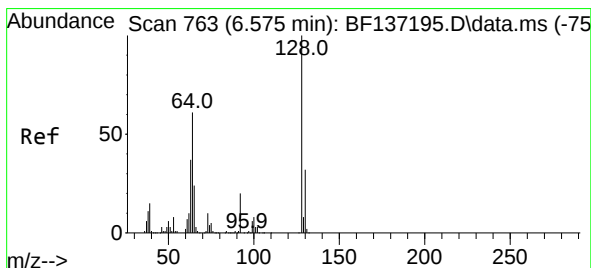
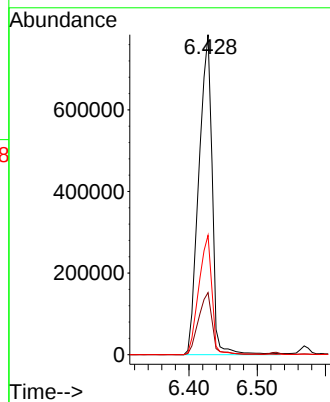
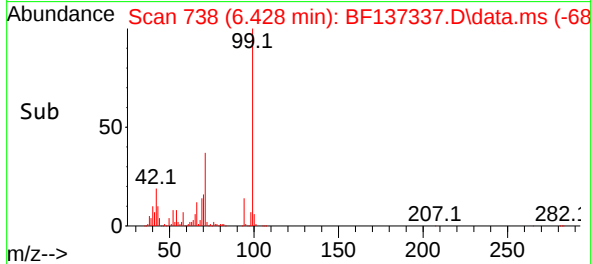
42 19.4 16.4 24.6

71 37.3 32.4 48.6

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#8

2-Chlorophenol

Concen: 44.196 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF137337.D

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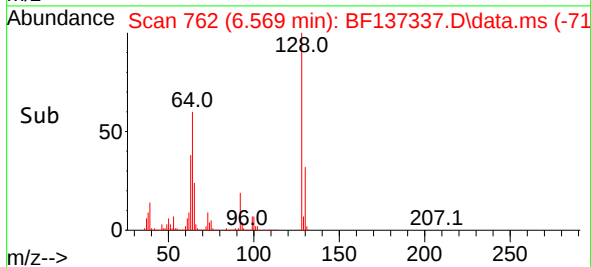
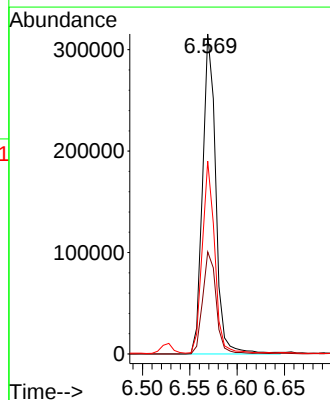
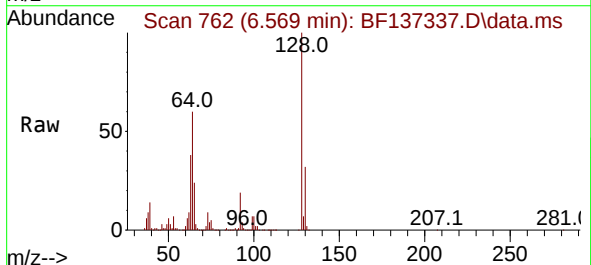
Tgt Ion:128 Resp: 306120

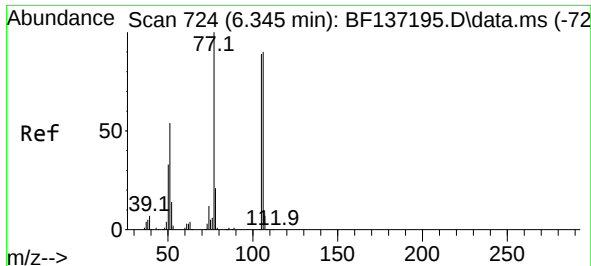
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 60.2 41.6 81.6





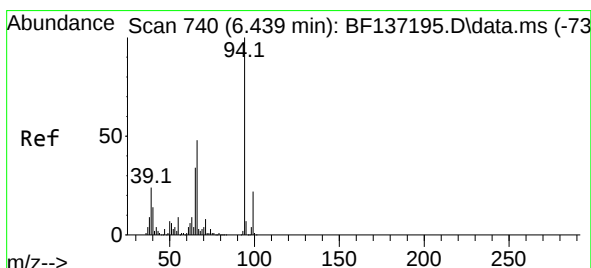
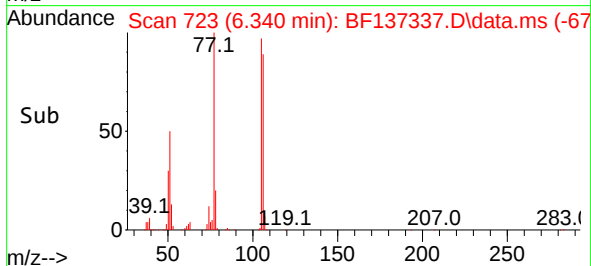
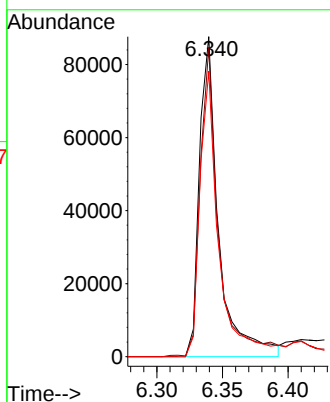
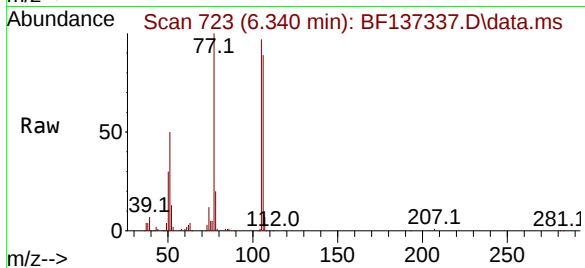
#9
Benzaldehyde
Concen: 26.631 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137337.D
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Tgt Ion: 77 Resp: 8965
Ion Ratio Lower Upper
77 100
105 96.6 69.1 109.1
106 89.2 69.6 109.6

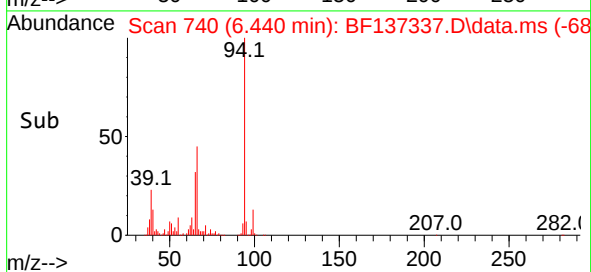
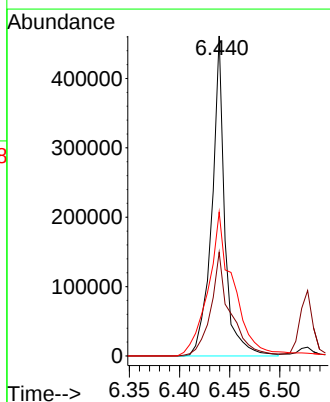
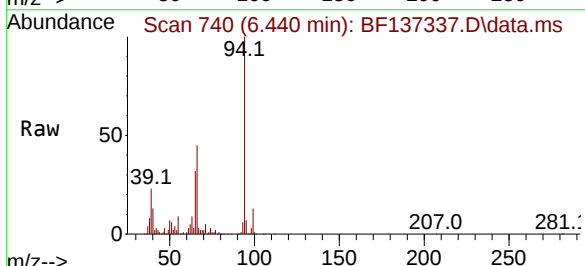
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APPROVED

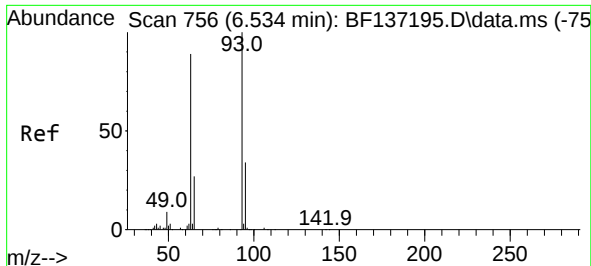
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#10
Phenol
Concen: 42.041 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion: 94 Resp: 414856
Ion Ratio Lower Upper
94 100
65 32.4 13.7 53.7
66 45.0 27.8 67.8





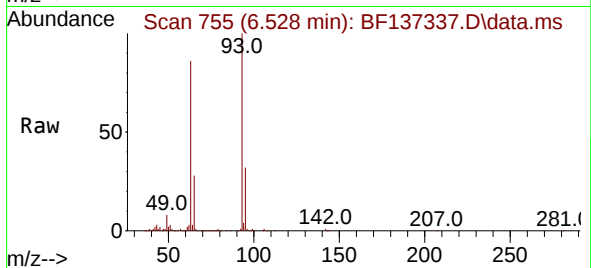
#11
bis(2-Chloroethyl)ether
Concen: 44.492 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

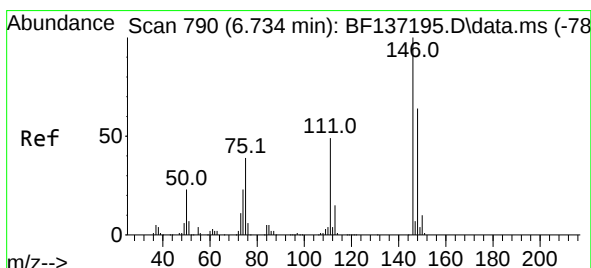
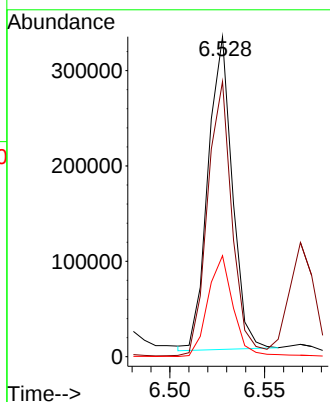
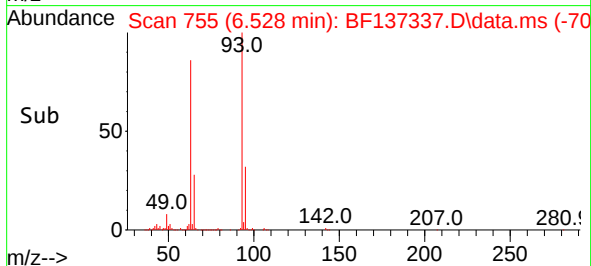
PB158865BS



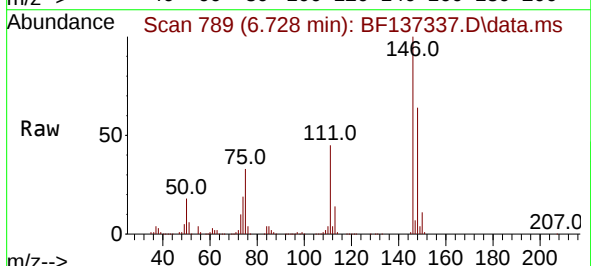
Tgt Ion: 93 Resp: 29340
Ion Ratio Lower Upper
93 100
63 86.0 66.7 106.7
95 31.6 12.7 52.7

Manual Integrations
APPROVED

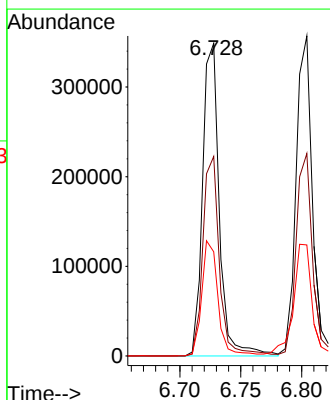
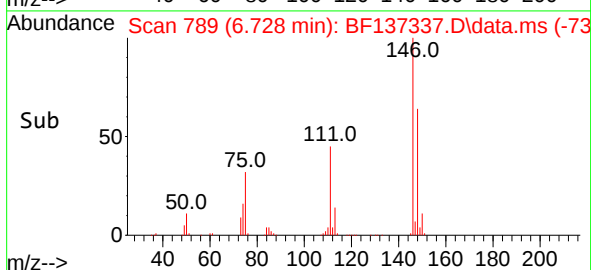
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

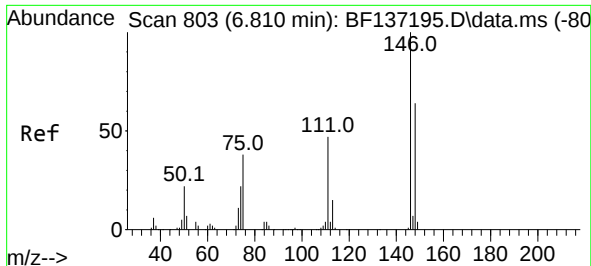


#12
1,3-Dichlorobenzene
Concen: 40.957 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:146 Resp: 332609
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 33.3 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.117 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

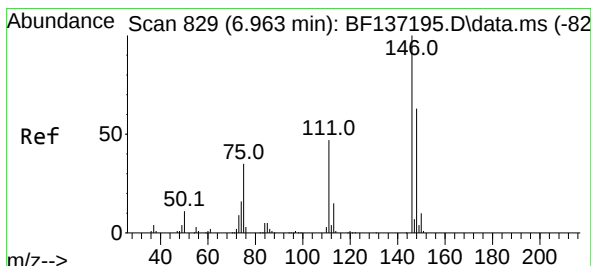
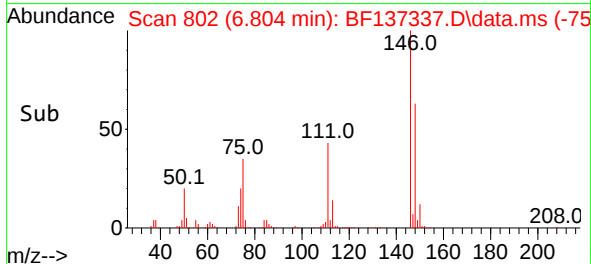
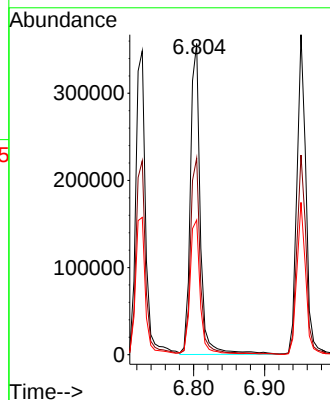
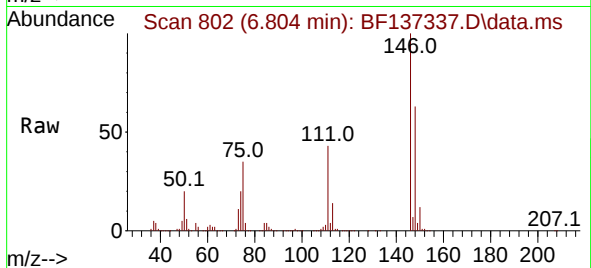
PB158865BS

Tgt Ion:146 Resp: 345328
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.5 77.3
 111 43.3 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#14

1,2-Dichlorobenzene

Concen: 41.261 ng

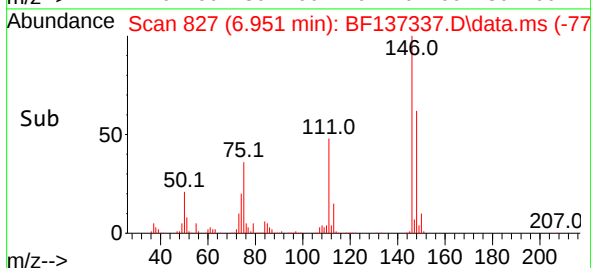
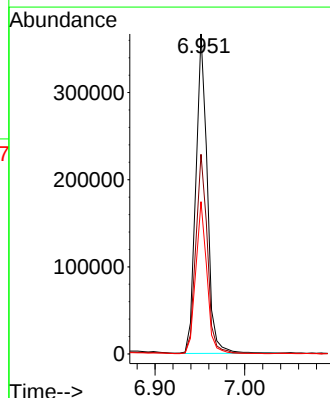
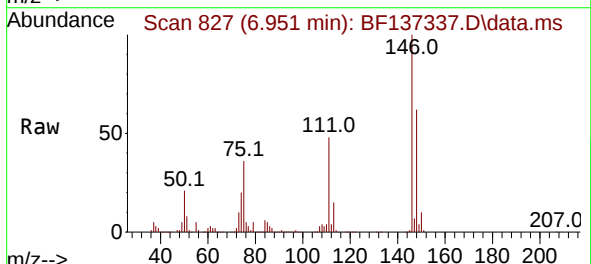
RT: 6.951 min Scan# 827

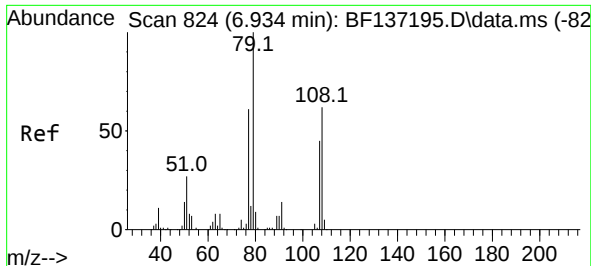
Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

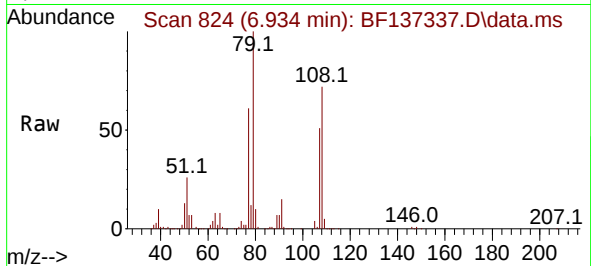
Tgt Ion:146 Resp: 324006
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 47.6 37.3 55.9





#15
Benzyl Alcohol
Concen: 46.243 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

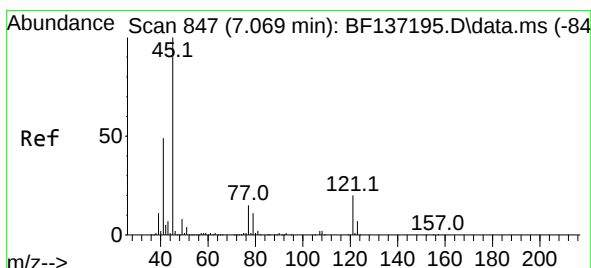
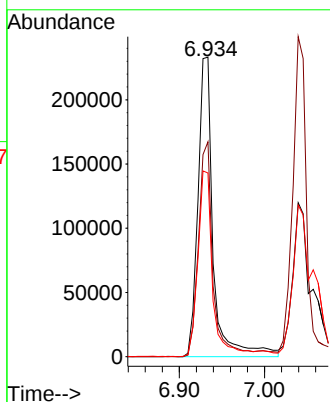
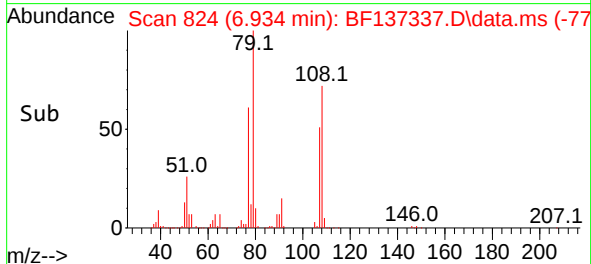
Instrument :
BNA_F
ClientSampleId :
PB158865BS



Tgt Ion: 79 Resp: 29043
Ion Ratio Lower Upper
79 100
108 71.8 49.3 73.9
77 61.3 48.8 73.2

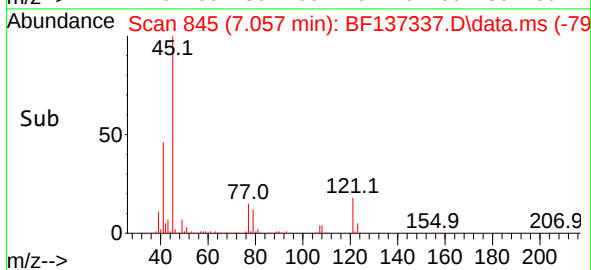
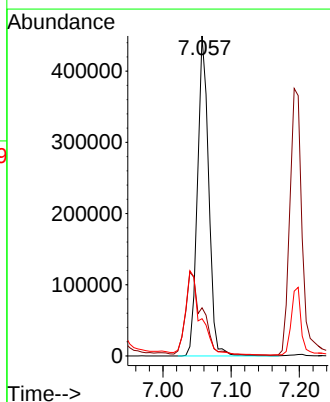
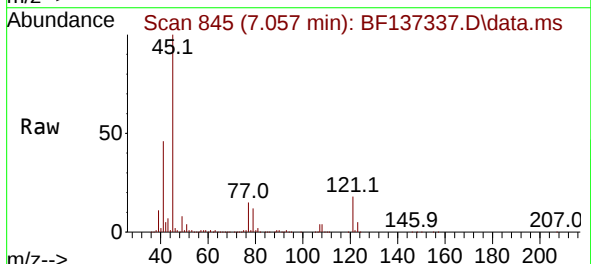
Manual Integrations
APPROVED

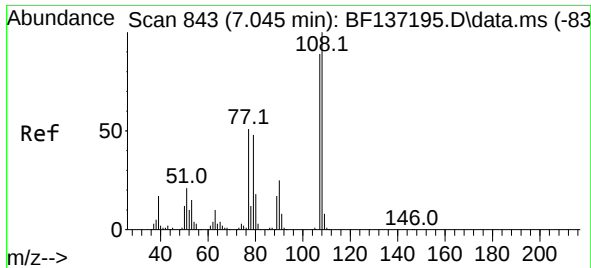
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.175 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion: 45 Resp: 512887
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.9
79 11.7 0.0 32.4





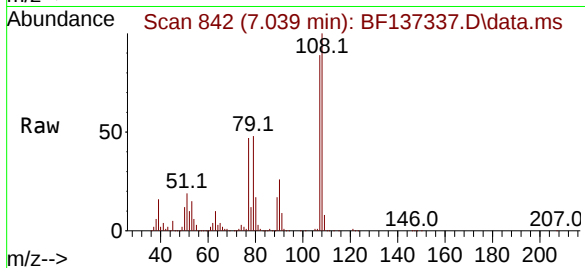
#17
2-Methylphenol
Concen: 45.183 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

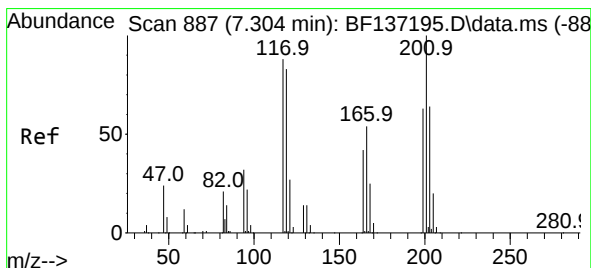
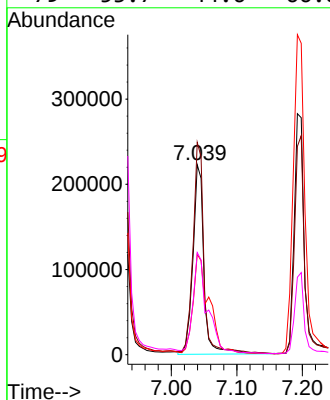
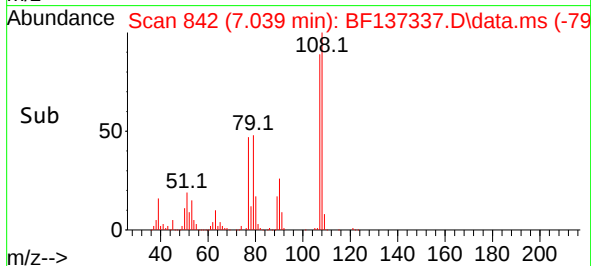


Tgt Ion:107 Resp: 26145
Ion Ratio Lower Upper
107 100
108 111.7 89.9 134.9
77 52.9 46.6 69.8
79 53.7 44.6 66.8

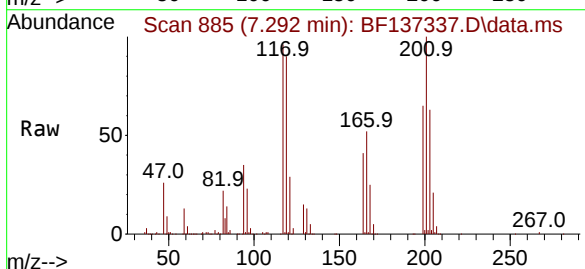
Manual Integrations

APPROVED

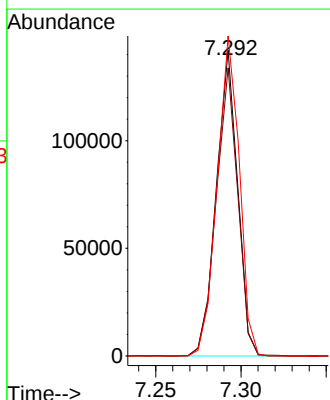
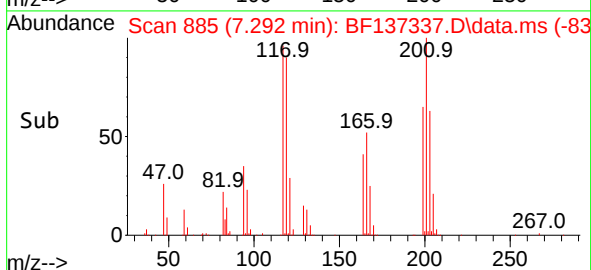
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

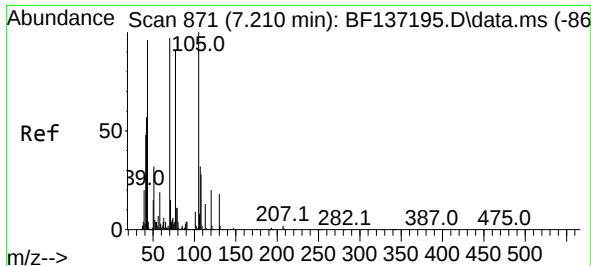


#18
Hexachloroethane
Concen: 40.717 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:117 Resp: 123336
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
201 104.7 91.4 137.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.010 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

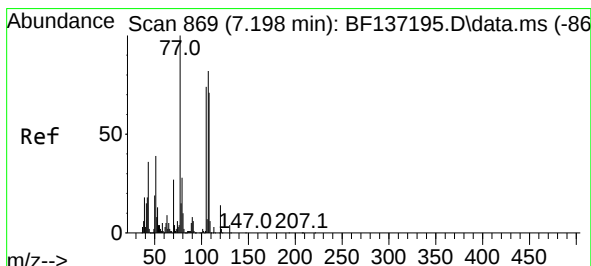
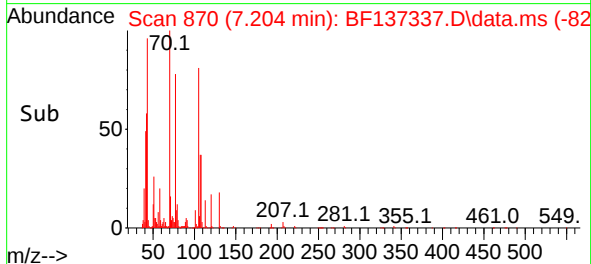
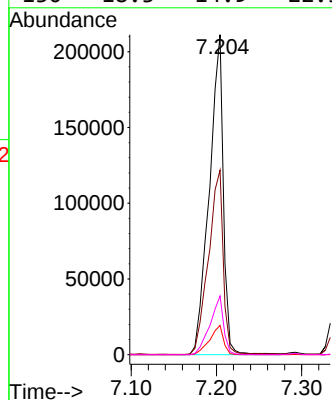
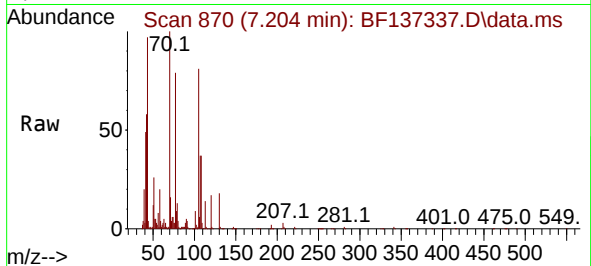
ClientSampleId :

PB158865BS

Tgt Ion: 70 Resp: 24251
Ion Ratio Lower Upper
70 100
42 57.7 47.2 70.8
101 9.2 7.4 11.0
130 18.3 14.9 22.3

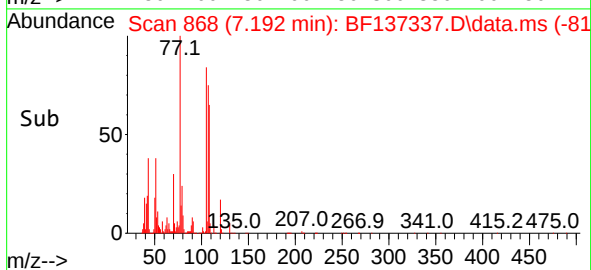
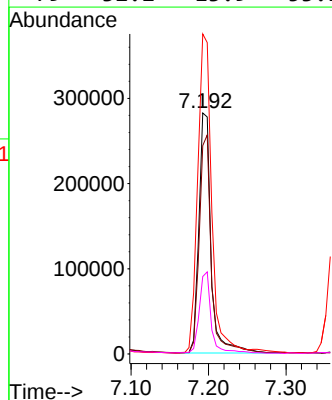
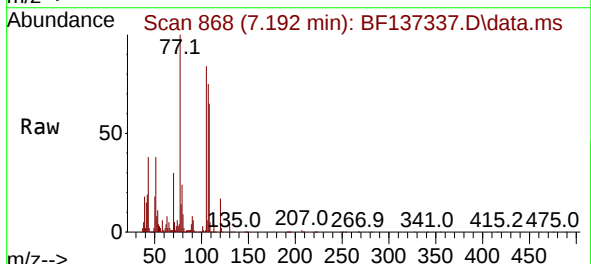
Manual Integrations
APPROVED

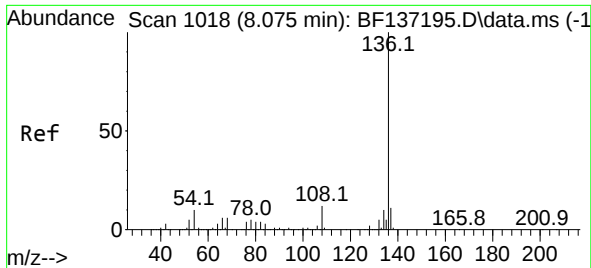
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#20
3+4-Methylphenols
Concen: 42.048 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:107 Resp: 308016
Ion Ratio Lower Upper
107 100
108 86.5 66.3 106.3
77 132.8 101.4 141.4
79 32.2 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

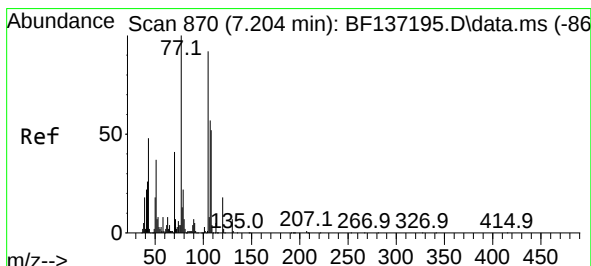
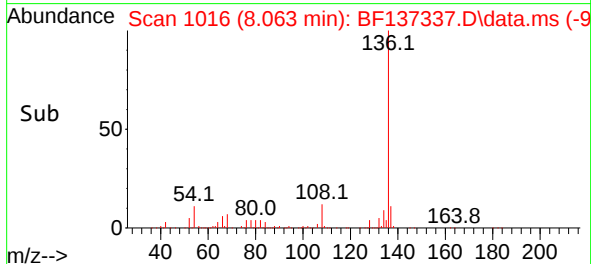
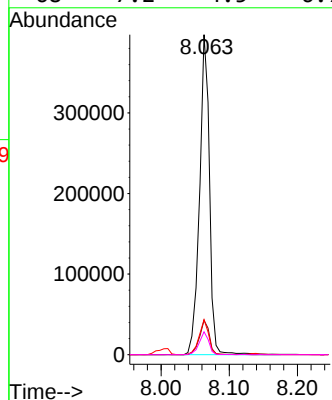
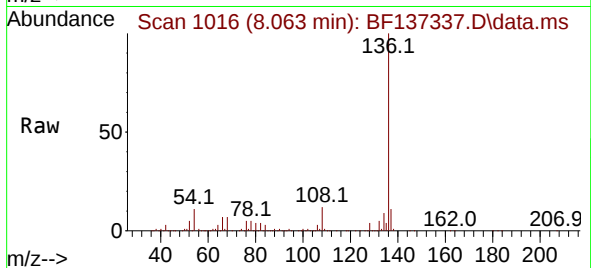
PB158865BS

Tgt Ion:136 Resp: 400850
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 11.0 7.8 11.8
68 7.2 4.5 6.7#

Manual Integrations

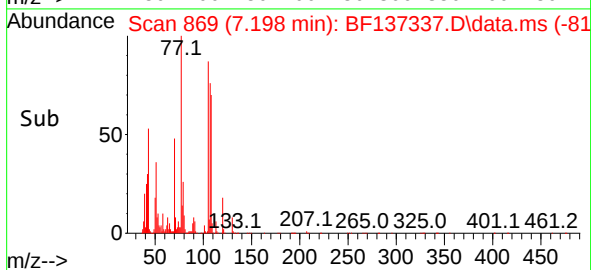
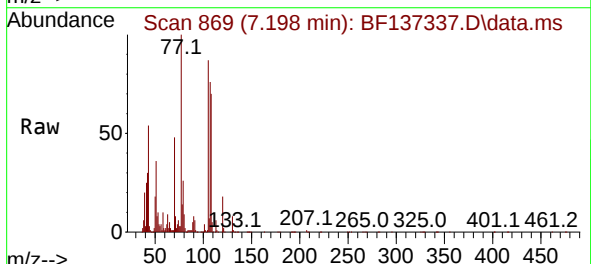
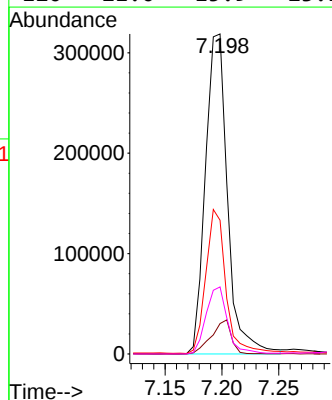
APPROVED

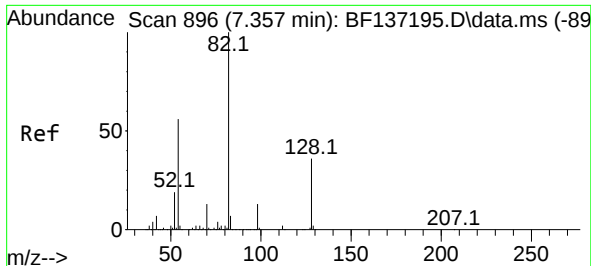
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#22
Acetophenone
Concen: 39.995 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:105 Resp: 431616
Ion Ratio Lower Upper
105 100
71 9.5 5.7 8.5#
51 41.8 32.2 48.4
120 21.0 15.9 23.9





#23

Nitrobenzene-d5

Concen: 80.000 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

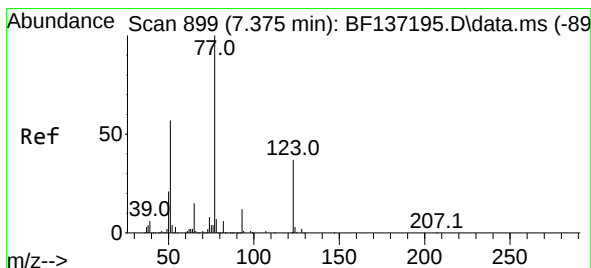
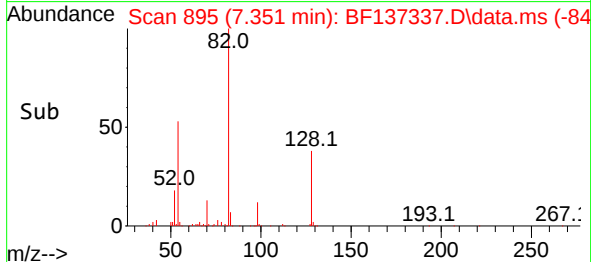
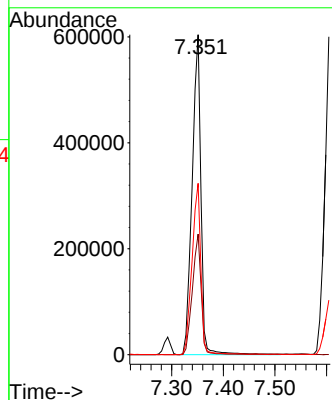
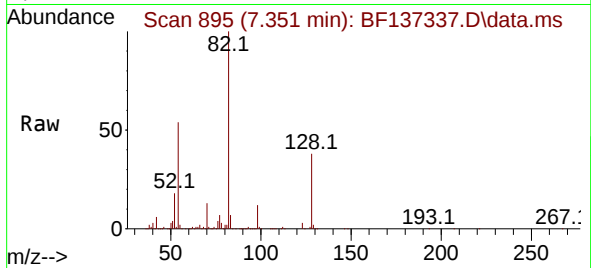
PB158865BS

Tgt Ion:	82	Resp:	71627
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.1	43.7
54	53.6	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#24

Nitrobenzene

Concen: 41.891 ng

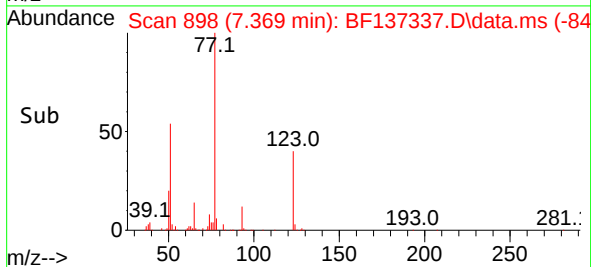
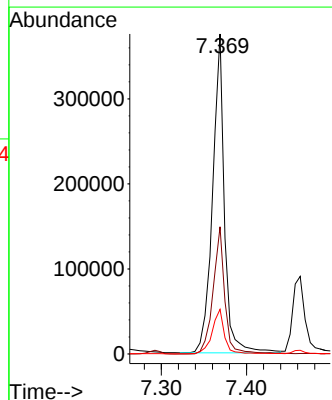
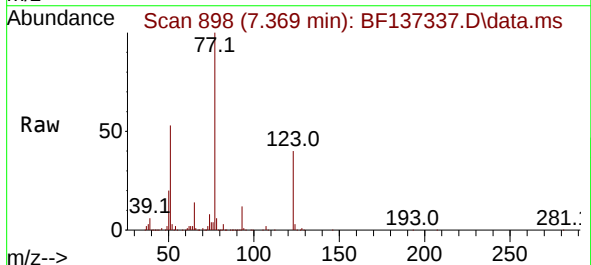
RT: 7.369 min Scan# 898

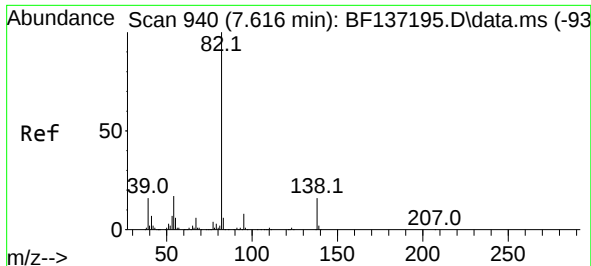
Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

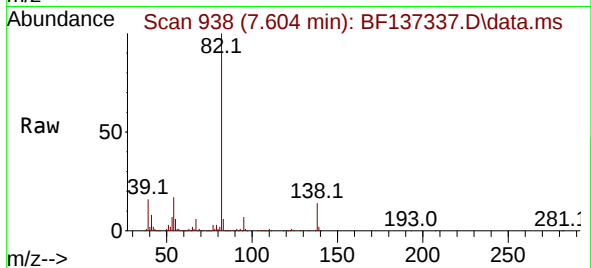
Tgt Ion:	77	Resp:	364037
Ion	Ratio	Lower	Upper
77	100		
123	39.7	29.3	43.9
65	14.0	12.0	18.0





#25
Isophorone
Concen: 41.040 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

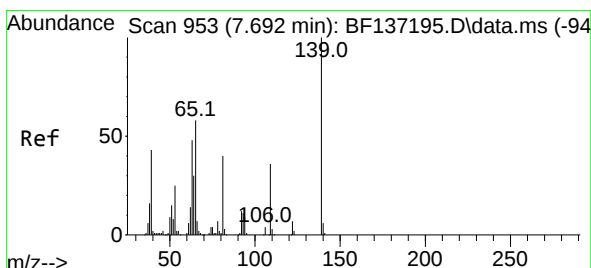
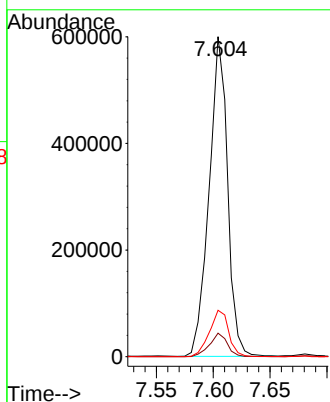
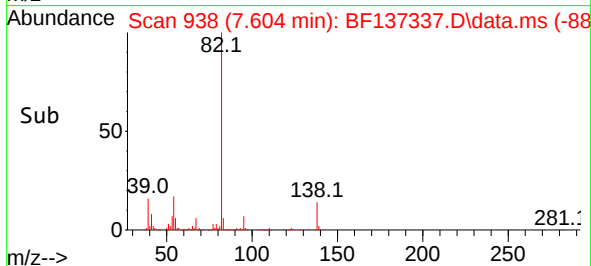
Instrument :
BNA_F
ClientSampleId :
PB158865BS



Tgt Ion: 82 Resp: 67823
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 14.5 12.7 19.1

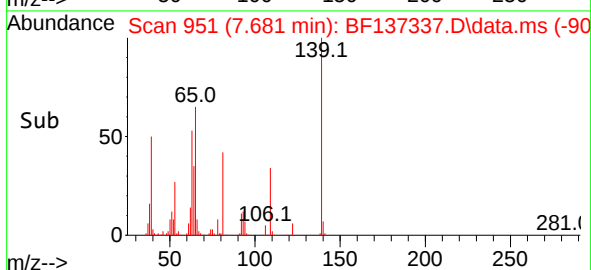
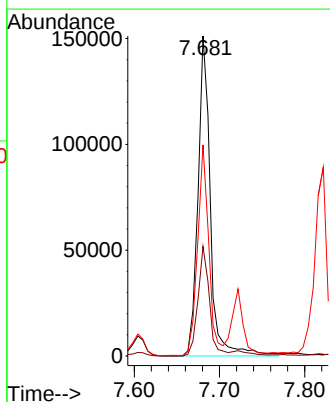
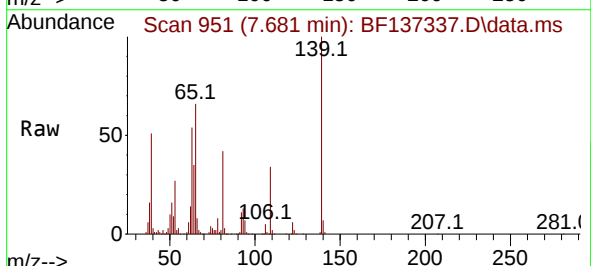
Manual Integrations
APPROVED

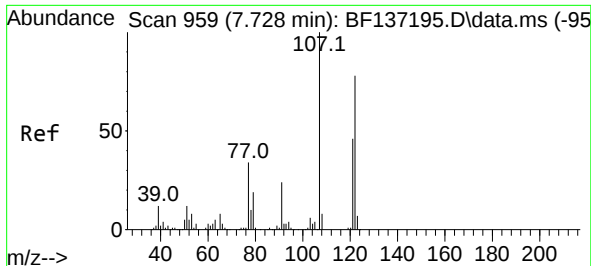
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#26
2-Nitrophenol
Concen: 45.716 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:139 Resp: 153390
Ion Ratio Lower Upper
139 100
109 34.3 28.5 42.7
65 65.9 46.7 70.1





#27

2,4-Dimethylphenol

Concen: 44.918 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137337.D

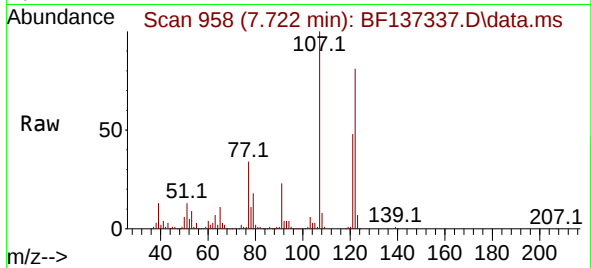
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

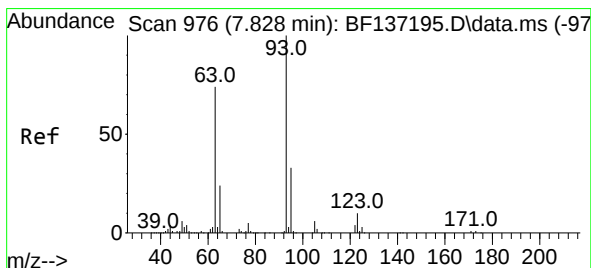
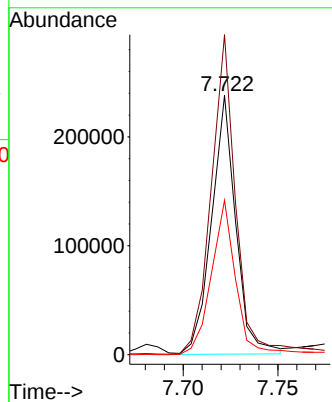
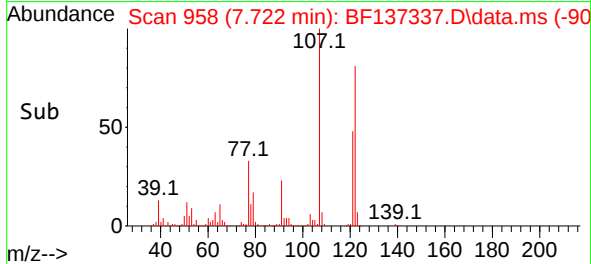


Tgt Ion:	122	Resp:	21217
Ion	Ratio	Lower	Upper
122	100		
107	123.4	101.8	152.6
121	59.6	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.602 ng

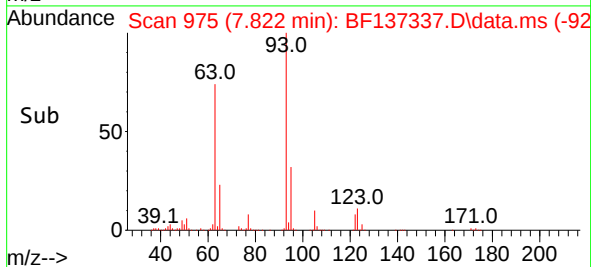
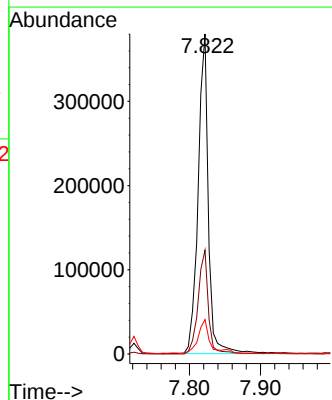
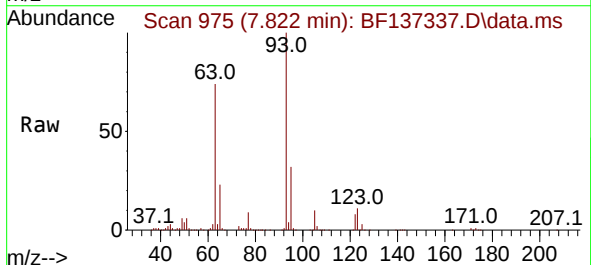
RT: 7.822 min Scan# 975

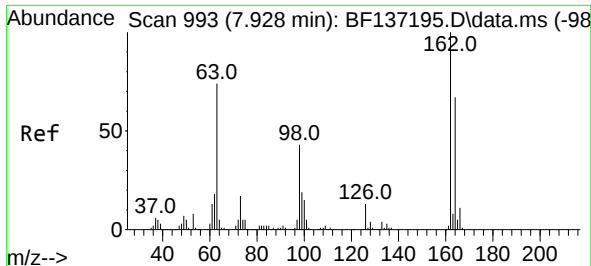
Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Tgt Ion:	93	Resp:	382652
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	10.7	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 44.063 ng

RT: 7.922 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

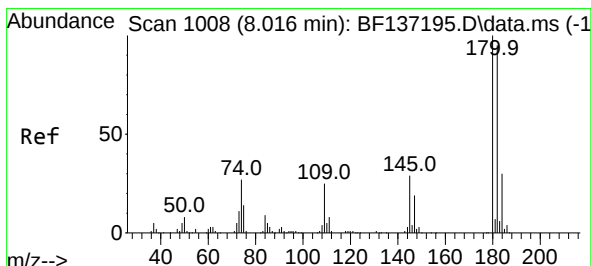
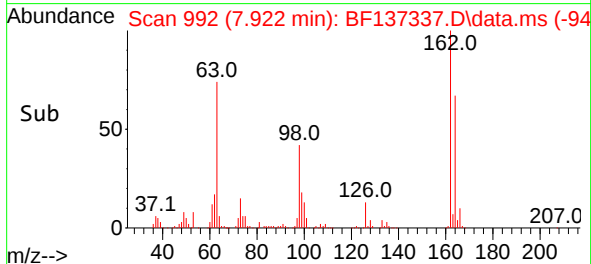
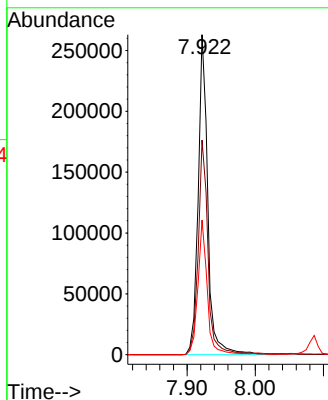
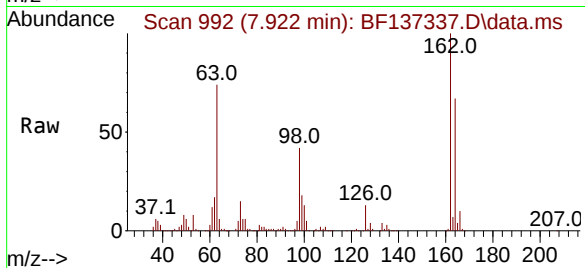
PB158865BS

Tgt Ion:	162	Resp:	25820
Ion Ratio	Lower	Upper	
162	100		
164	67.0	46.7	86.7
98	42.1	22.9	62.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.798 ng

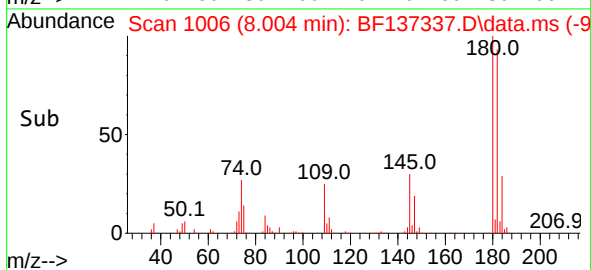
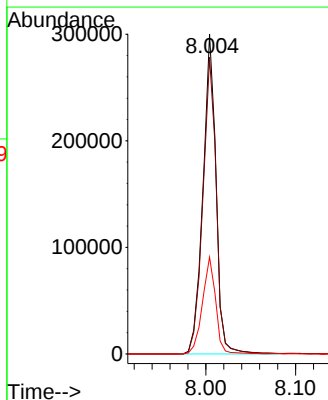
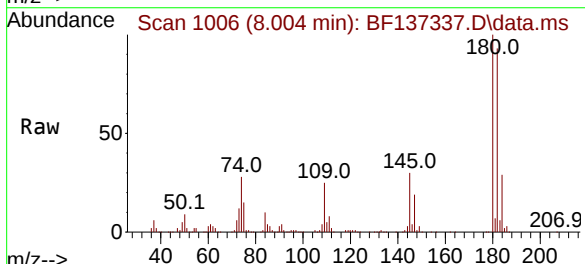
RT: 8.004 min Scan# 1006

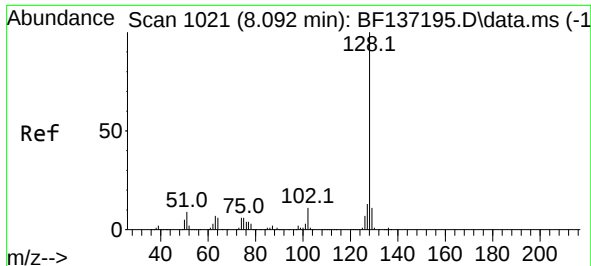
Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Tgt Ion:	180	Resp:	304240
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.9	113.9
145	30.2	23.2	34.8





#31
Naphthalene
Concen: 40.992 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

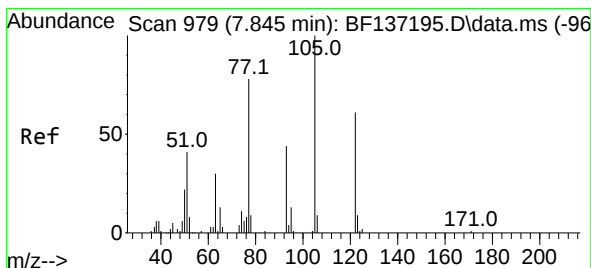
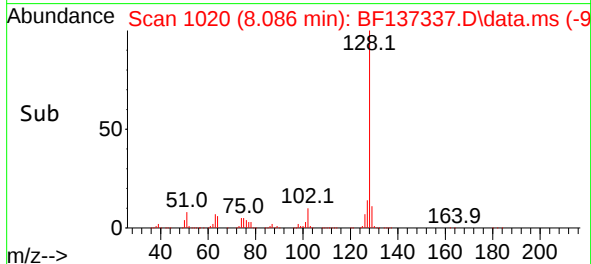
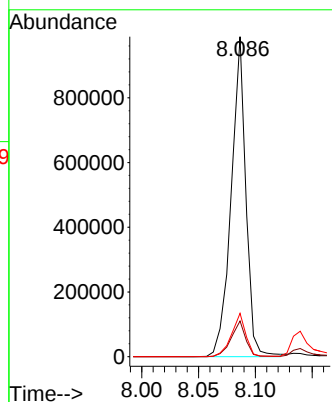
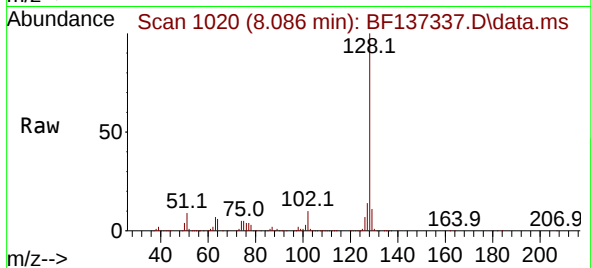
PB158865BS

Tgt Ion:128 Resp: 888319
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.5 10.5 15.7

Manual Integrations

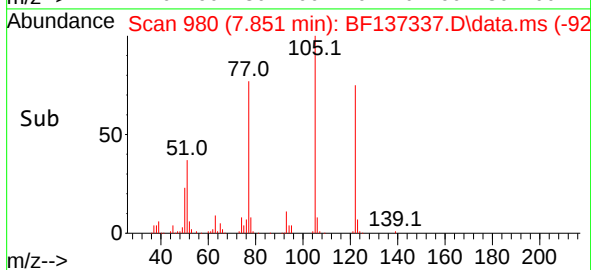
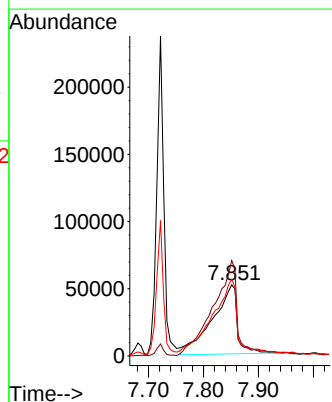
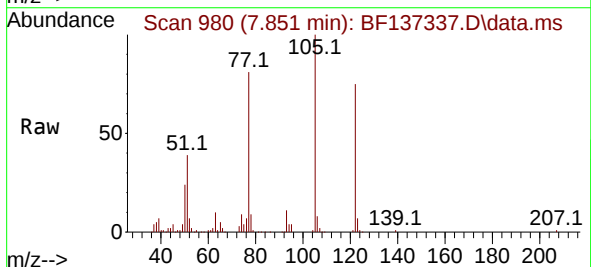
APPROVED

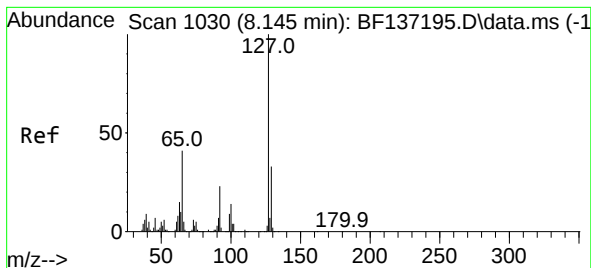
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#32
Benzoic acid
Concen: 48.779 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:122 Resp: 162872
Ion Ratio Lower Upper
122 100
105 134.0 122.5 162.5
77 108.0 96.4 136.4





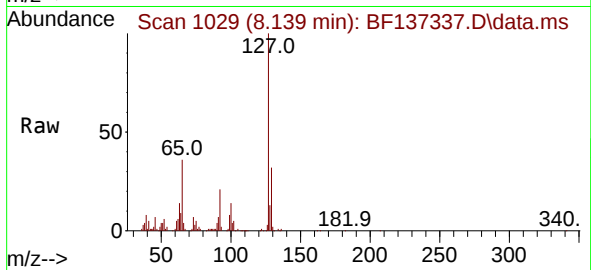
#33
4-Chloroaniline
Concen: 14.889 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

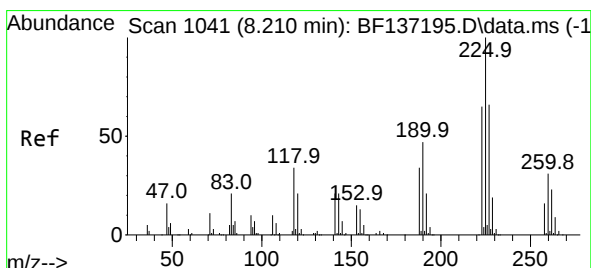
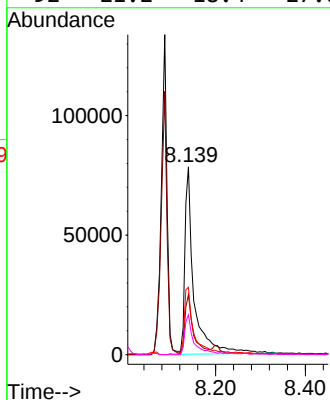
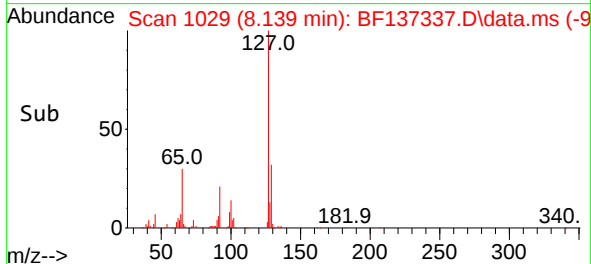


Tgt Ion:127 Resp: 11098
Ion Ratio Lower Upper
127 100
129 32.0 26.8 40.2
65 35.9 32.9 49.3
92 21.2 18.4 27.6

Manual Integrations

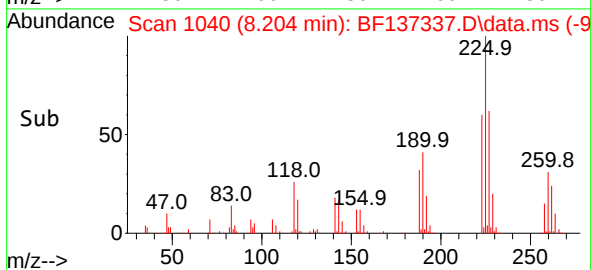
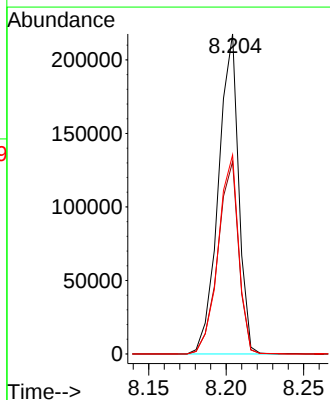
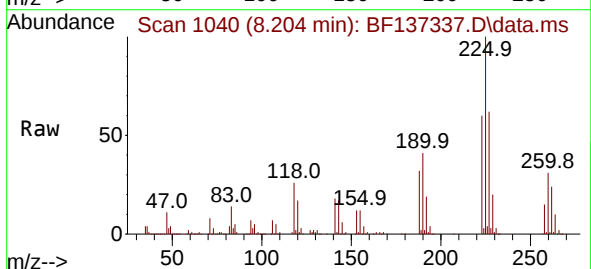
APPROVED

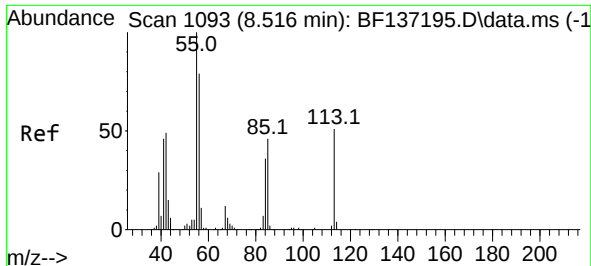
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#34
Hexachlorobutadiene
Concen: 40.734 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:225 Resp: 197148
Ion Ratio Lower Upper
225 100
223 60.1 52.0 78.0
227 62.2 52.9 79.3





#35
Caprolactam
Concen: 44.258 ng m
RT: 8.510 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

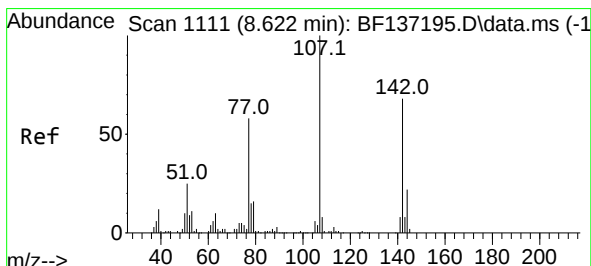
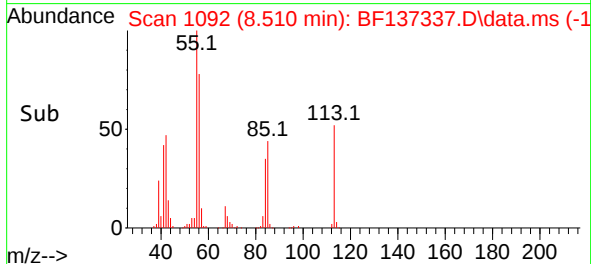
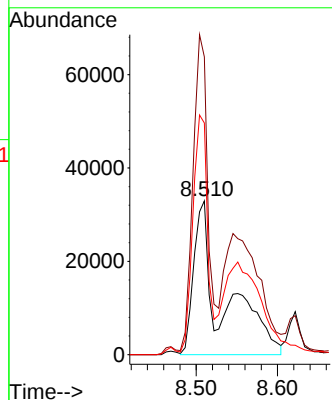
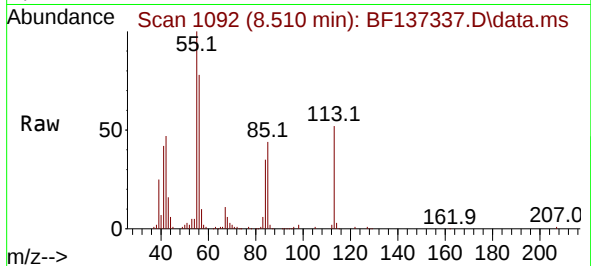
PB158865BS

Tgt Ion:113 Resp: 8064
Ion Ratio Lower Upper
113 100
55 193.8 176.0 216.0
56 150.8 134.0 174.0

Manual Integrations

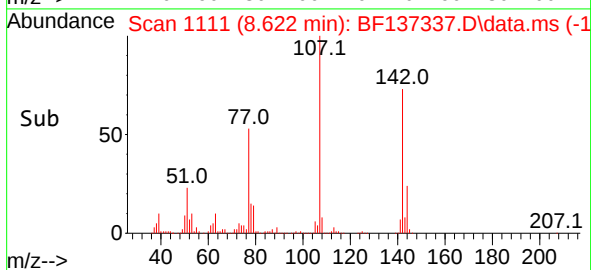
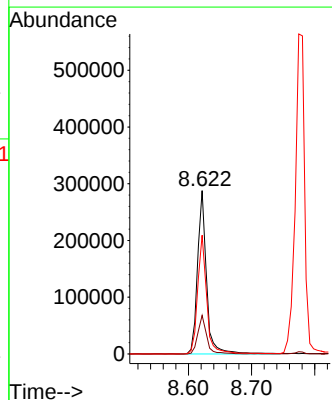
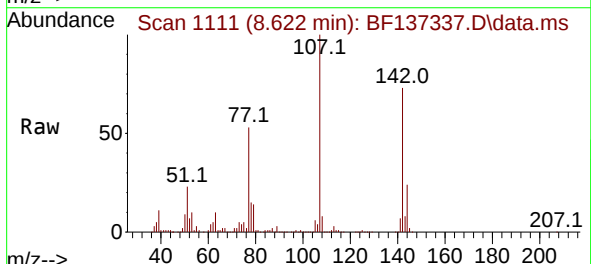
APPROVED

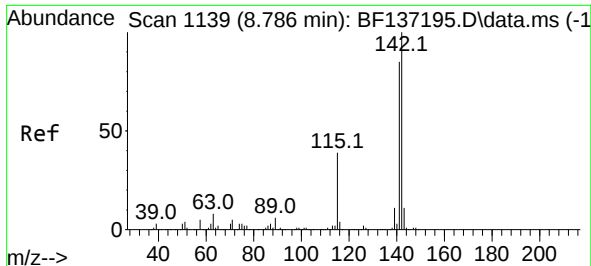
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#36
4-Chloro-3-methylphenol
Concen: 41.327 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:107 Resp: 286034
Ion Ratio Lower Upper
107 100
144 23.6 17.2 25.8
142 72.6 54.6 82.0





#37

2-Methylnaphthalene

Concen: 40.394 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion:142 Resp: 58686

Ion Ratio Lower Upper

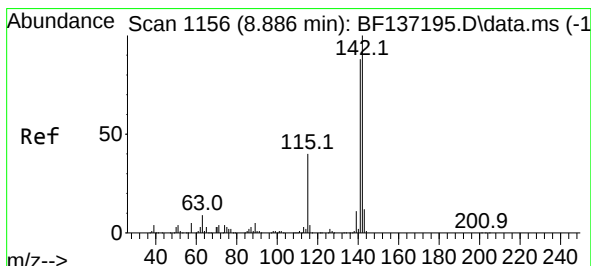
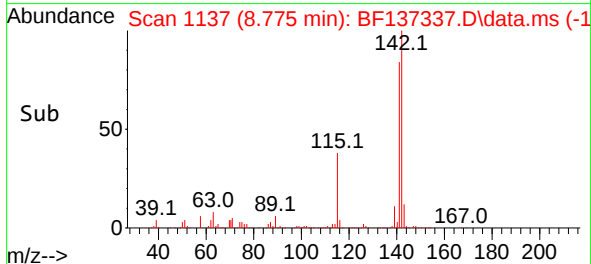
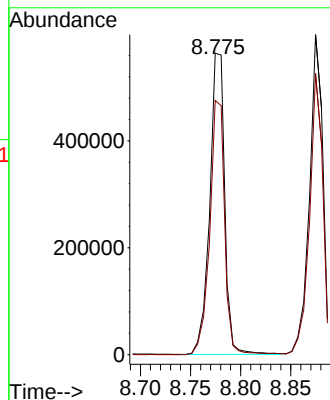
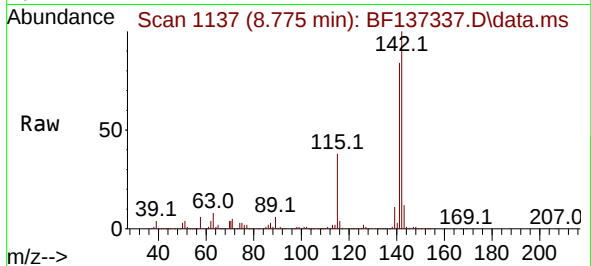
142 100

141 84.4 67.8 101.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#38

1-Methylnaphthalene

Concen: 41.755 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137337.D

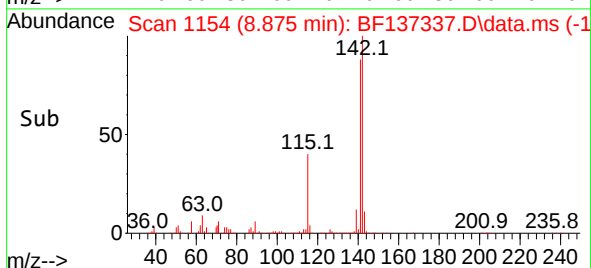
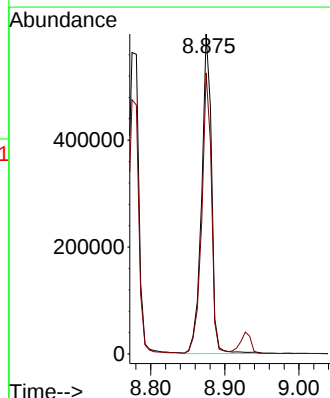
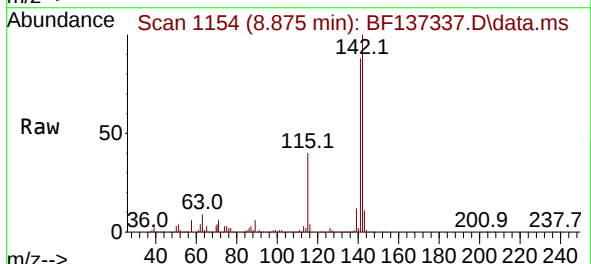
Acq: 08 Feb 2024 14:57

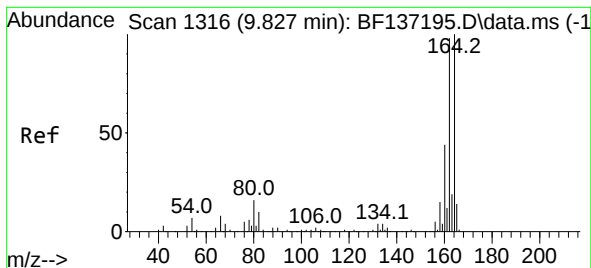
Tgt Ion:142 Resp: 563451

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.005 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

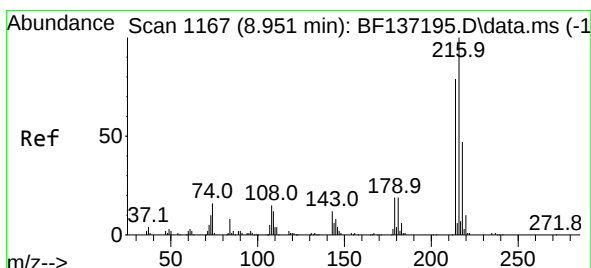
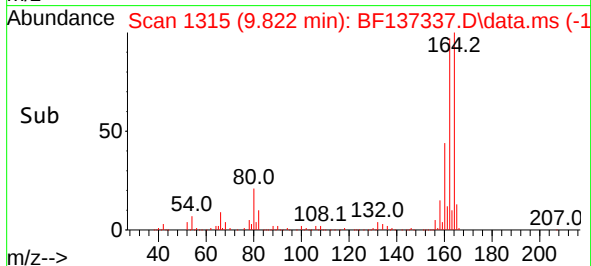
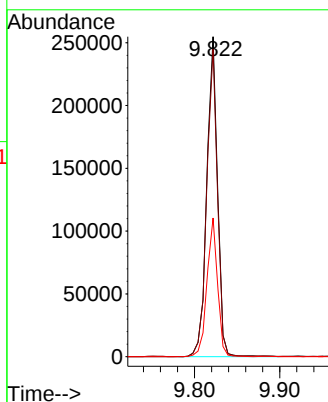
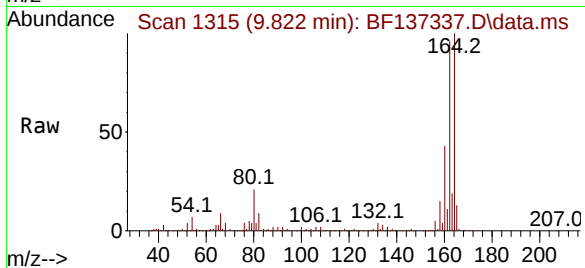
PB158865BS

Tgt Ion:164 Resp: 223152
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.3 117.5
 160 43.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.630 ng

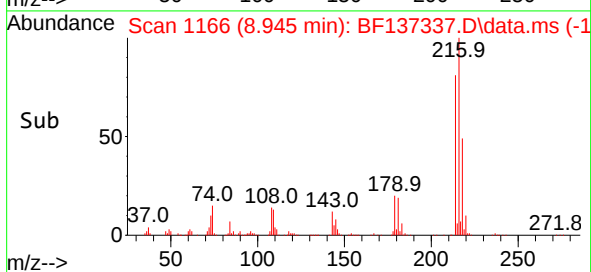
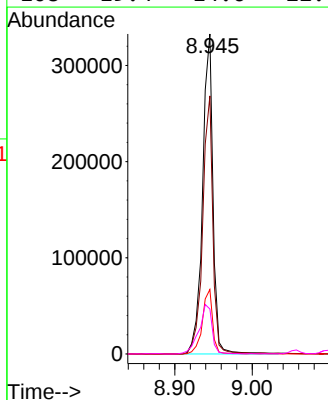
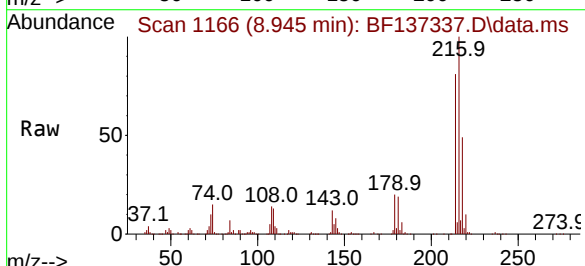
RT: 8.945 min Scan# 1166

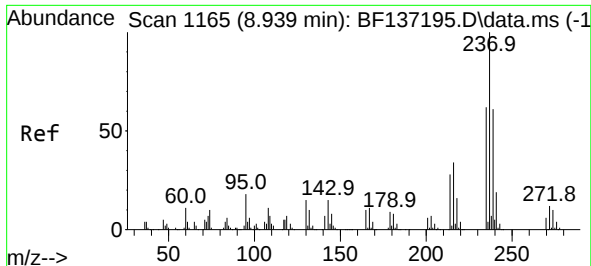
Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Tgt Ion:216 Resp: 310844
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.9 95.9
 179 20.0 16.2 24.2
 108 19.4 14.6 22.0





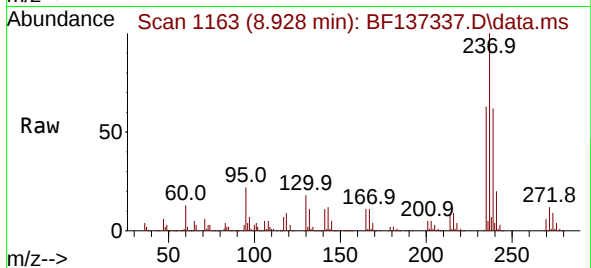
#41
Hexachlorocyclopentadiene
Concen: 106.950 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

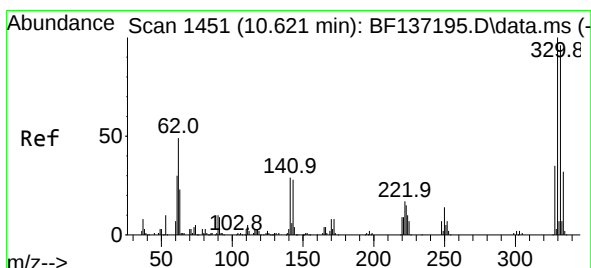
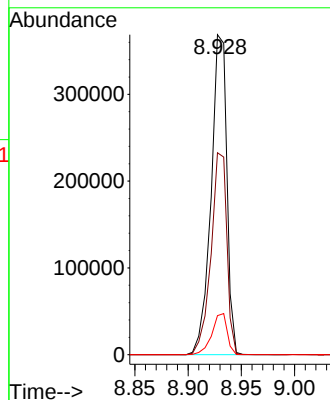
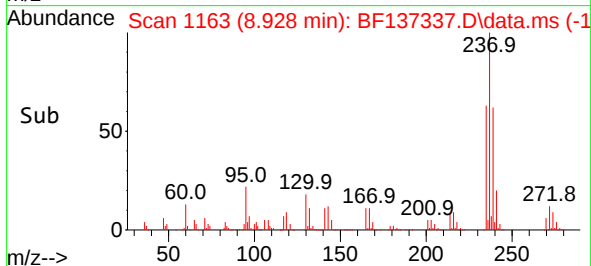


Tgt Ion:237 Resp: 380352
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 12.2 0.0 32.4

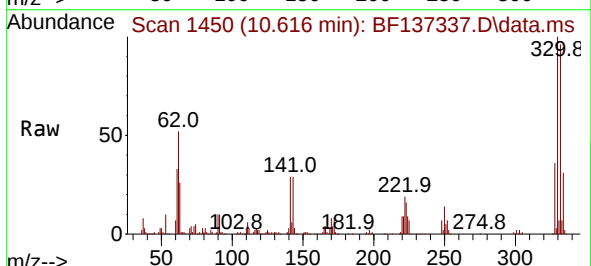
Manual Integrations

APPROVED

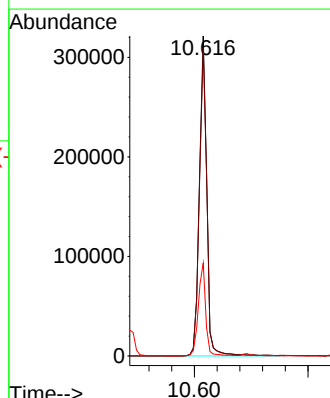
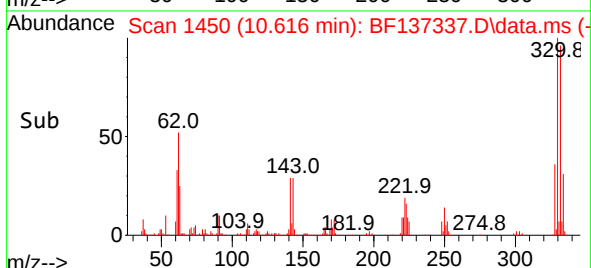
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

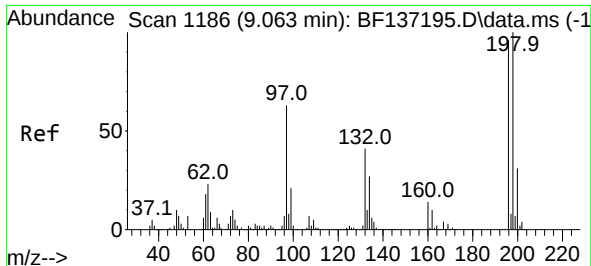


#42
2,4,6-Tribromophenol
Concen: 116.525 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:330 Resp: 293664
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 29.1 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 44.797 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

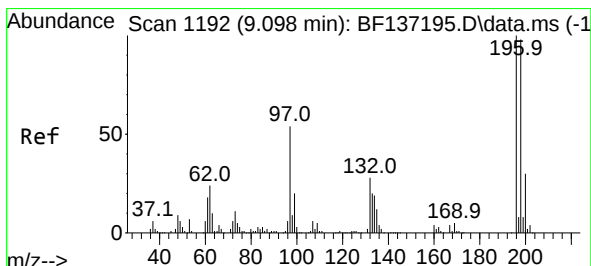
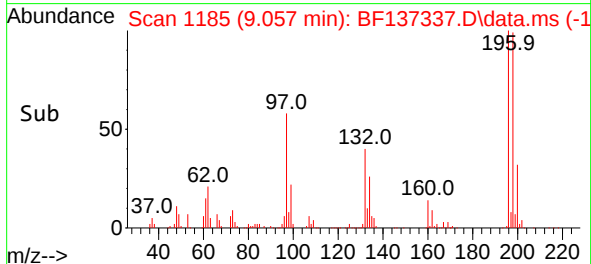
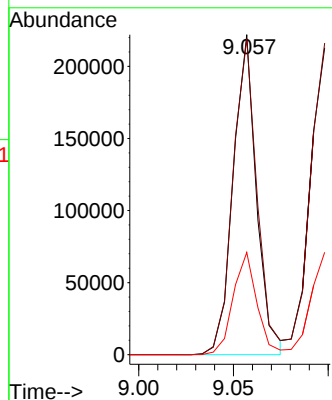
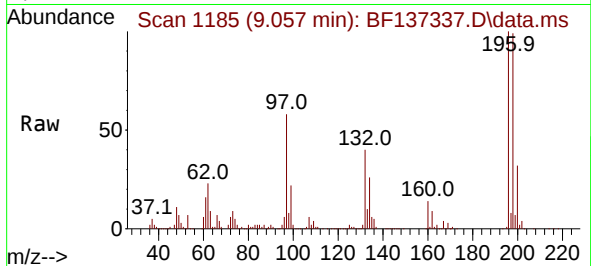
PB158865BS

Tgt Ion:196 Resp: 18972
Ion Ratio Lower Upper
196 100
198 98.7 83.0 124.6
200 32.0 25.9 38.9

Manual Integrations

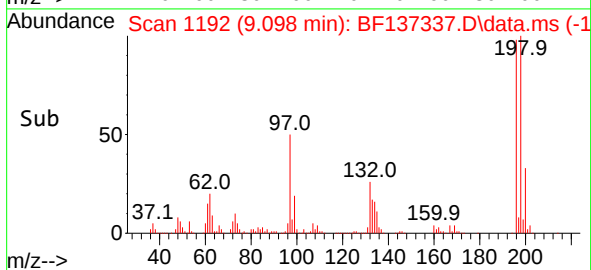
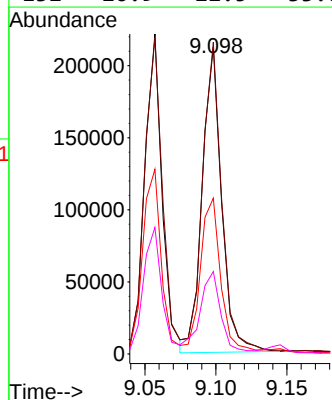
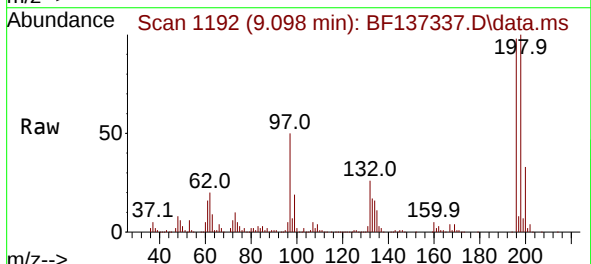
APPROVED

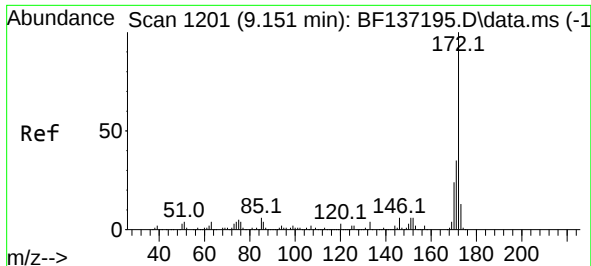
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#44
2,4,5-Trichlorophenol
Concen: 43.607 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:196 Resp: 201872
Ion Ratio Lower Upper
196 100
198 101.5 78.2 117.4
97 50.8 44.2 66.2
132 26.9 22.5 33.7





#45
2-Fluorobiphenyl
Concen: 75.584 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

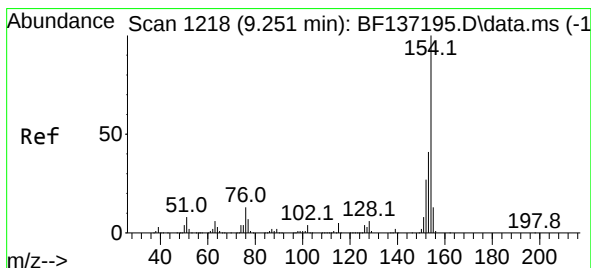
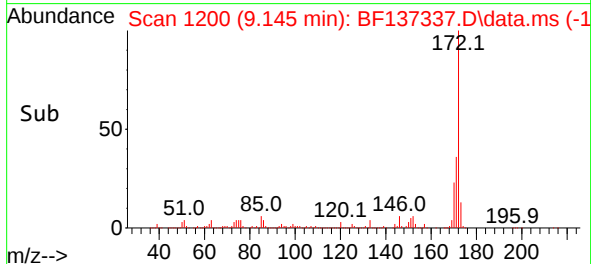
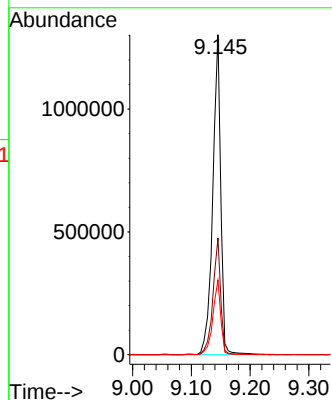
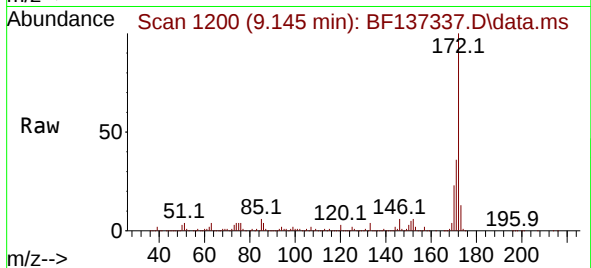
PB158865BS

Tgt Ion:172 Resp: 1226964
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.3 19.1 28.7

Manual Integrations

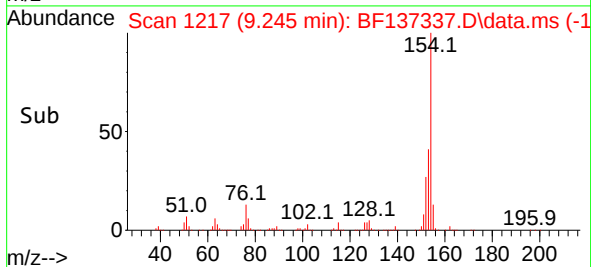
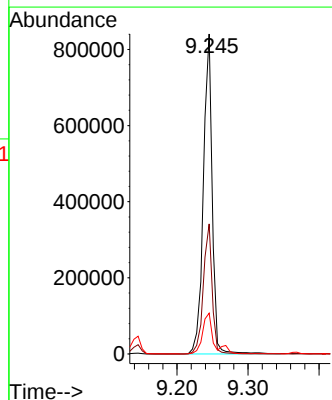
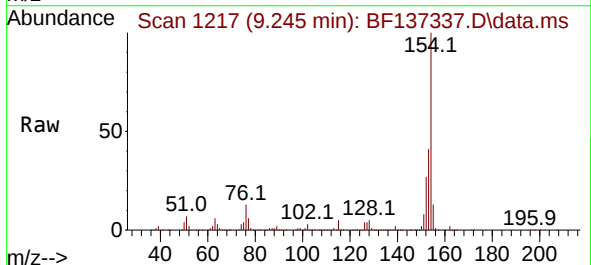
APPROVED

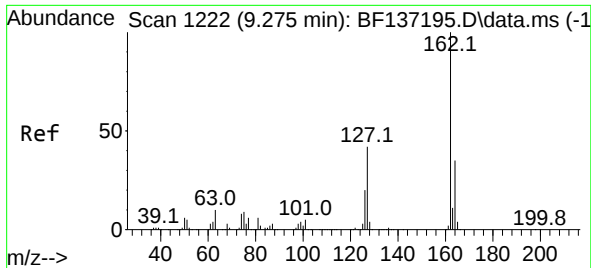
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#46
1,1'-Biphenyl
Concen: 41.359 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:154 Resp: 734319
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 12.8 0.0 33.0





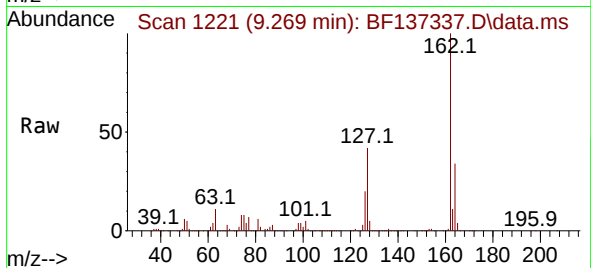
#47
2-Chloronaphthalene
Concen: 41.253 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

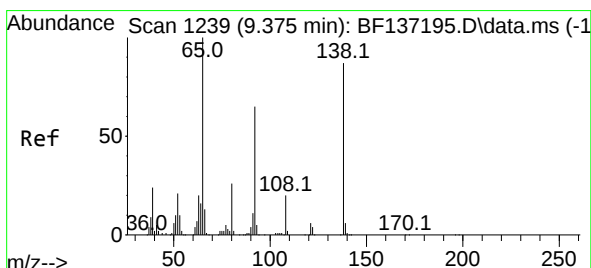
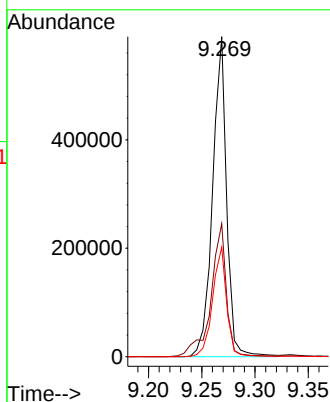
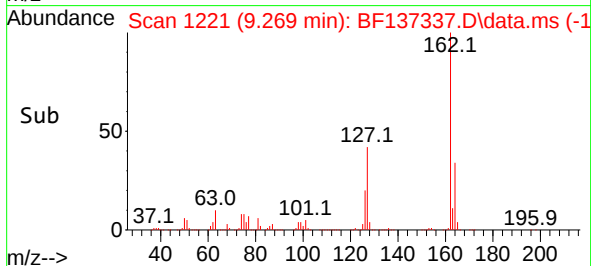


Tgt Ion:162 Resp: 542038
Ion Ratio Lower Upper
162 100
127 41.6 34.1 51.1
164 34.2 27.9 41.9

Manual Integrations

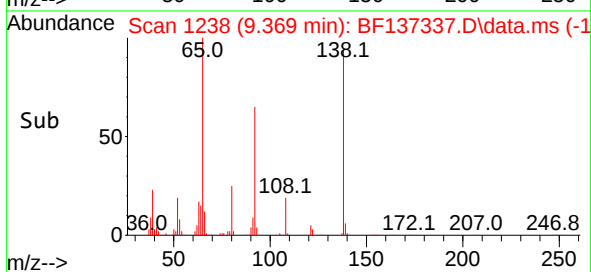
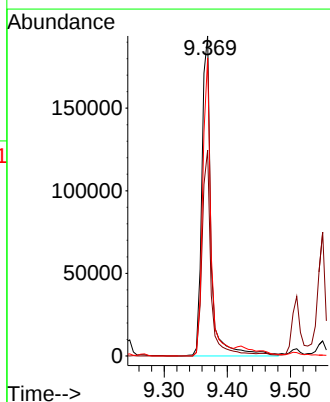
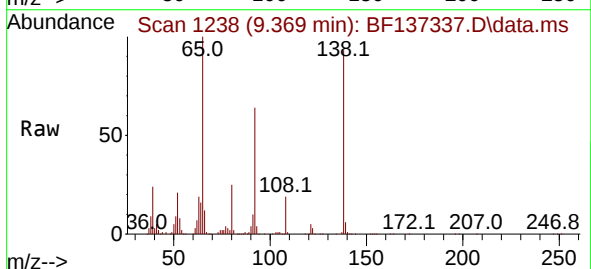
APPROVED

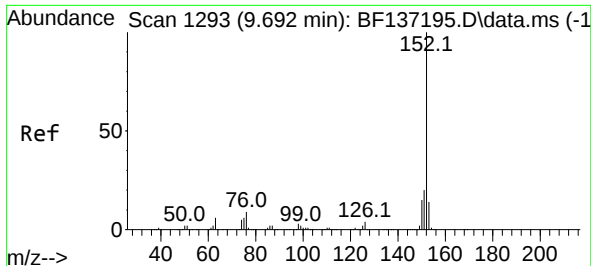
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#48
2-Nitroaniline
Concen: 46.274 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion: 65 Resp: 196791
Ion Ratio Lower Upper
65 100
92 64.3 51.7 77.5
138 93.1 69.7 104.5





#49
Acenaphthylene
Concen: 40.959 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

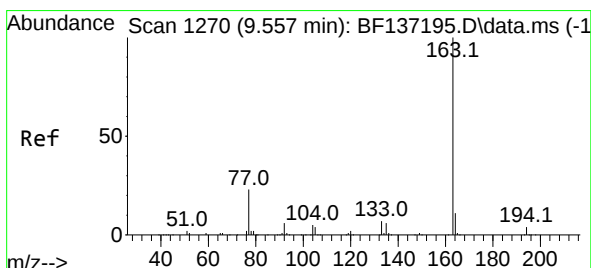
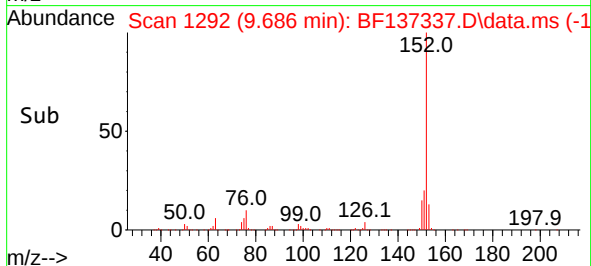
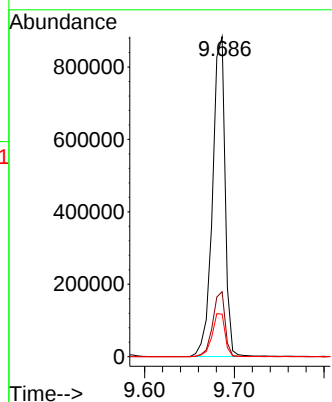
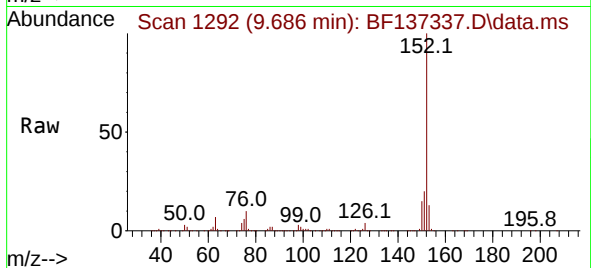
PB158865BS

Tgt Ion:152 Resp: 861572
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 11.2 16.8

Manual Integrations

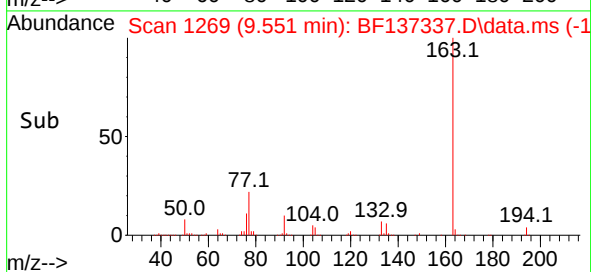
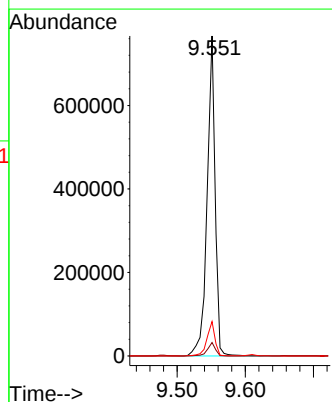
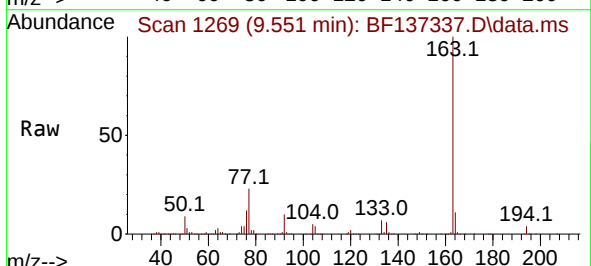
APPROVED

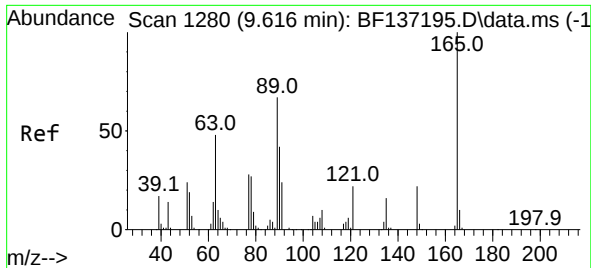
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#50
Dimethylphthalate
Concen: 41.704 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:163 Resp: 628708
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 44.967 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

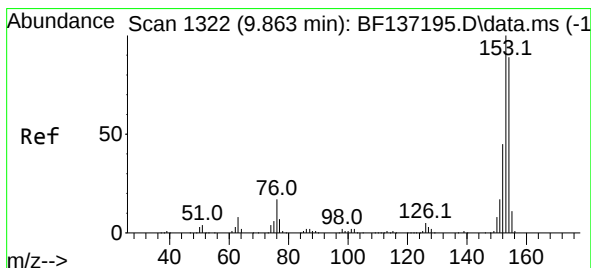
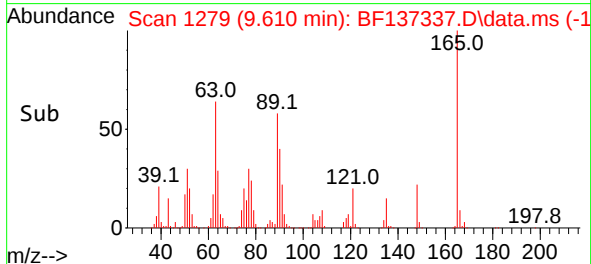
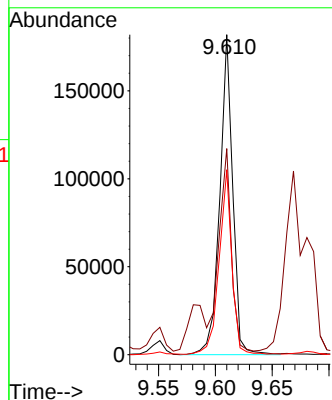
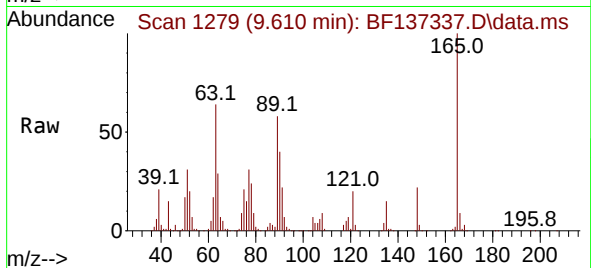
ClientSampleId :

PB158865BS

Tgt Ion:165 Resp: 14455
Ion Ratio Lower Upper
165 100
63 64.4 55.1 82.7
89 57.8 53.5 80.3

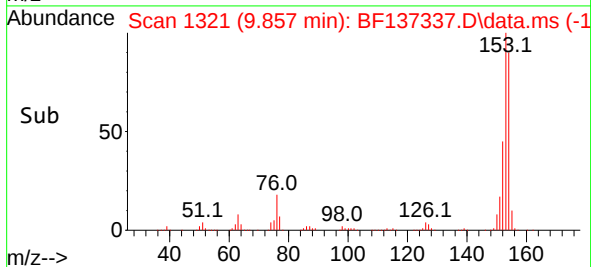
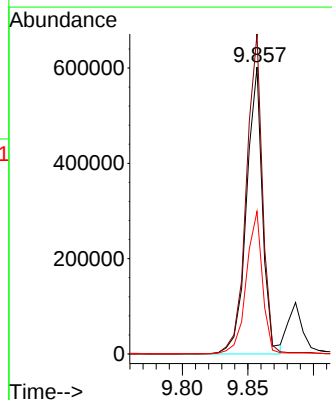
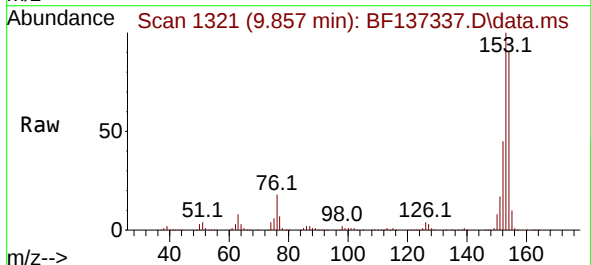
Manual Integrations
APPROVED

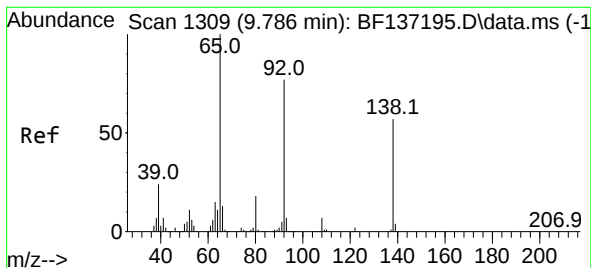
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#52
Acenaphthene
Concen: 41.547 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:154 Resp: 513631
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.4
152 49.7 40.6 60.8





#53

3-Nitroaniline

Concen: 26.752 ng

RT: 9.780 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

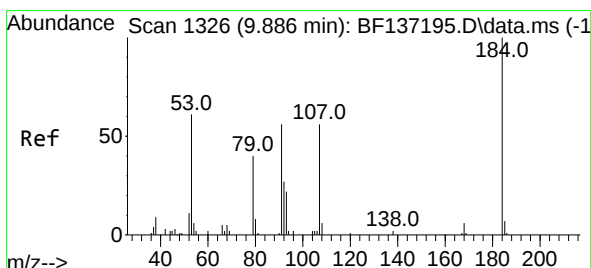
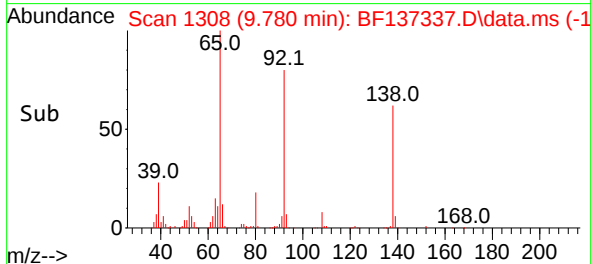
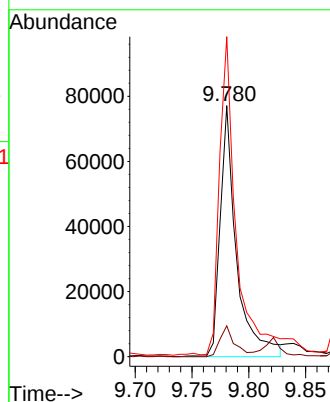
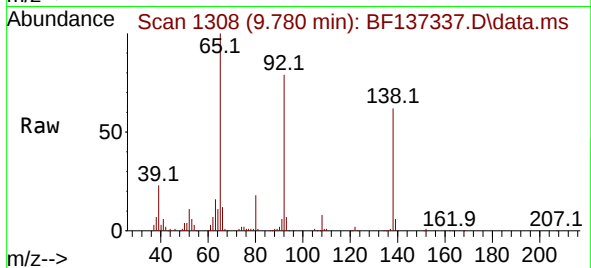
Tgt Ion:138 Resp: 7739

Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.4	15.6
92	127.5	108.6	162.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#54

2,4-Dinitrophenol

Concen: 95.062 ng

RT: 9.886 min Scan# 1326

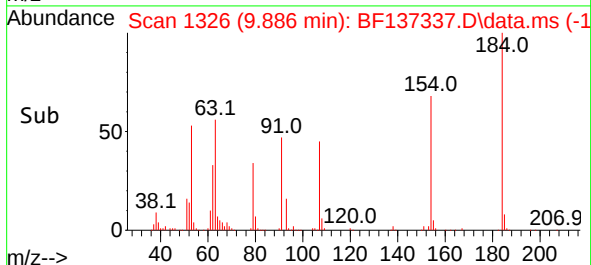
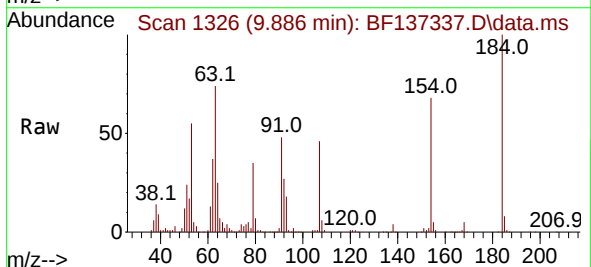
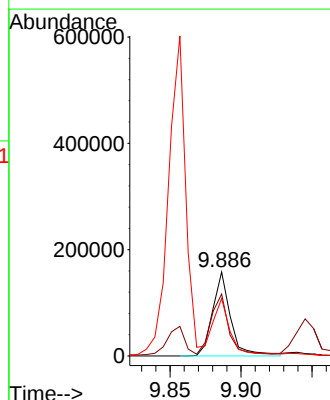
Delta R.T. 0.000 min

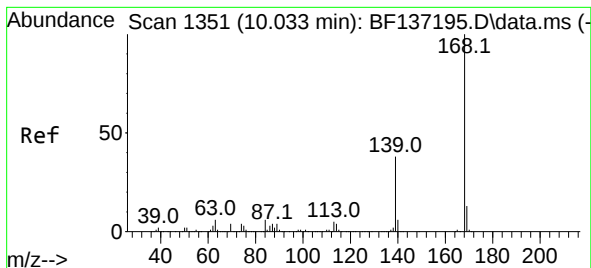
Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Tgt Ion:184 Resp: 139682

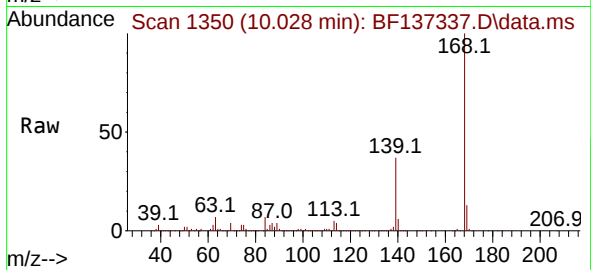
Ion	Ratio	Lower	Upper
184	100		
63	73.6	71.2	106.8
154	68.3	64.9	97.3





#55
Dibenzenofuran
Concen: 40.019 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

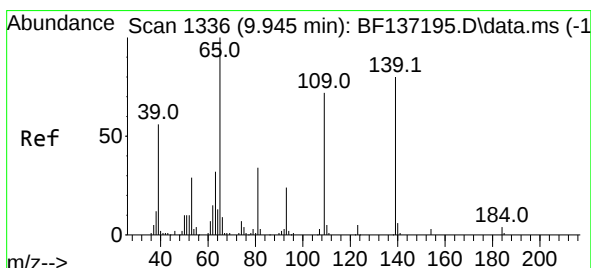
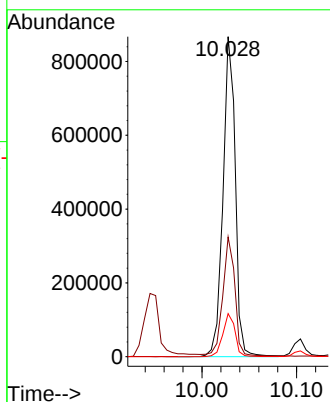
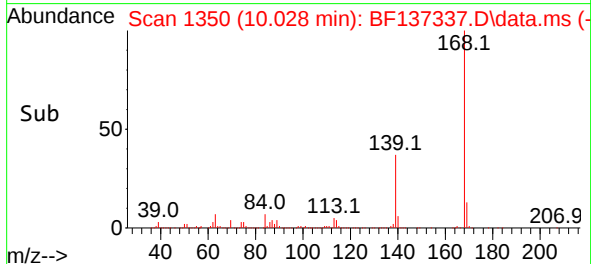
Instrument :
BNA_F
ClientSampleId :
PB158865BS



Tgt Ion:168 Resp: 78711
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 13.5 10.6 16.0

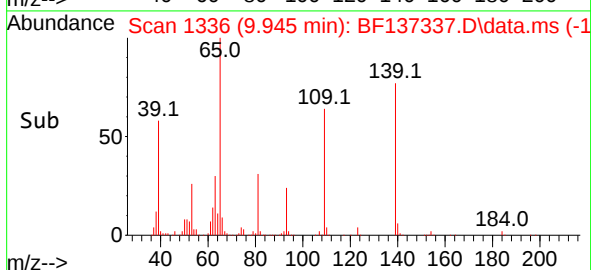
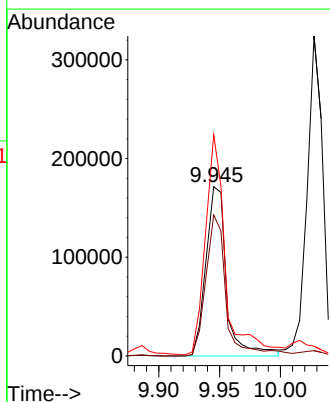
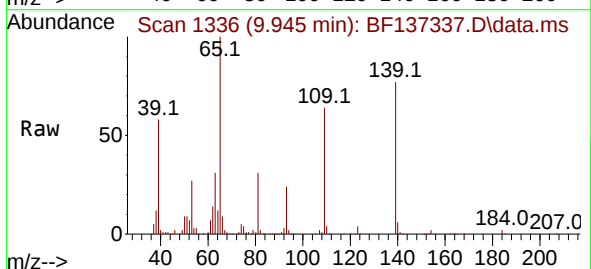
Manual Integrations
APPROVED

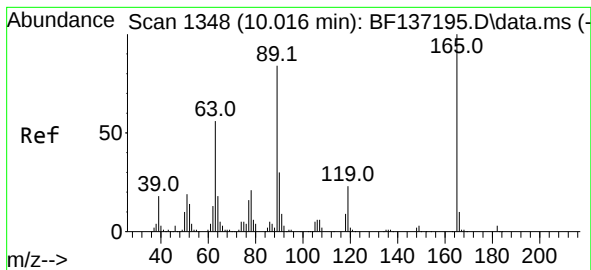
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#56
4-Nitrophenol
Concen: 97.238 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:139 Resp: 201928
Ion Ratio Lower Upper
139 100
109 83.3 70.4 110.4
65 130.7 107.6 147.6





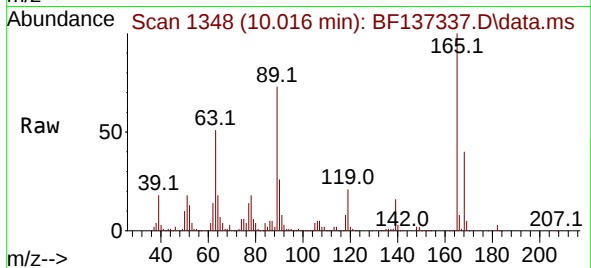
#57
2,4-Dinitrotoluene
Concen: 44.352 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

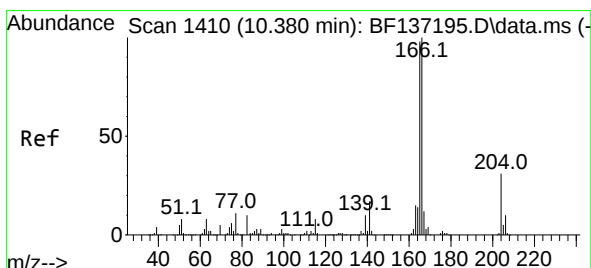
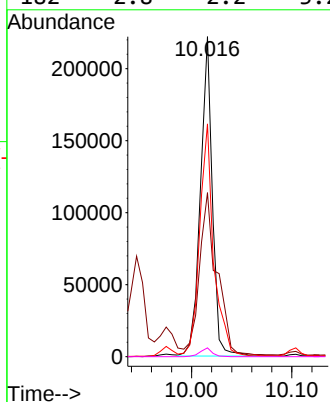
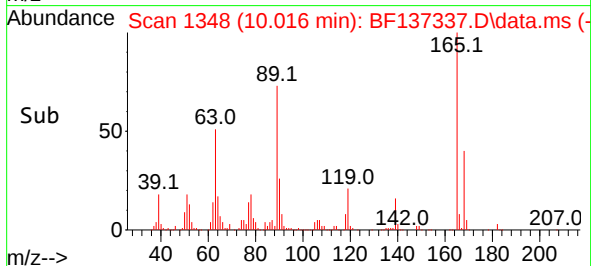


Tgt Ion:165 Resp: 184999
Ion Ratio Lower Upper
165 100
63 51.3 46.1 69.1
89 72.7 67.5 101.3
182 2.8 2.2 3.2

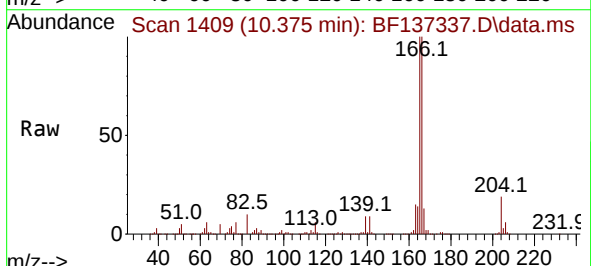
Manual Integrations

APPROVED

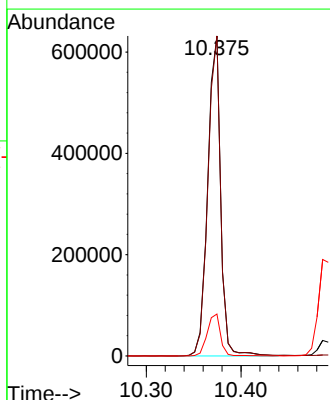
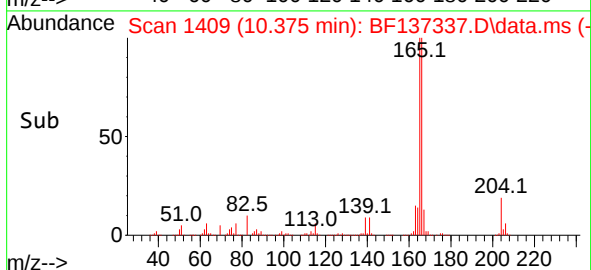
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

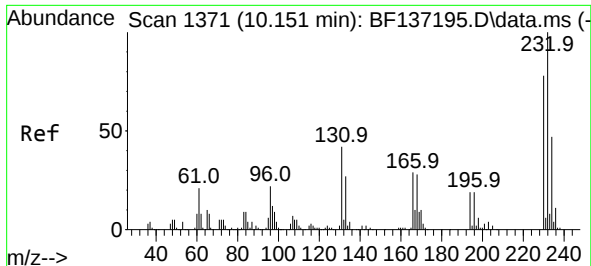


#58
Fluorene
Concen: 38.577 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



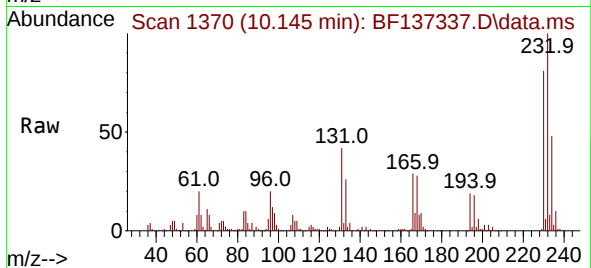
Tgt Ion:166 Resp: 594829
Ion Ratio Lower Upper
166 100
165 100.0 78.5 117.7
167 13.1 10.0 15.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.128 ng m
RT: 10.145 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

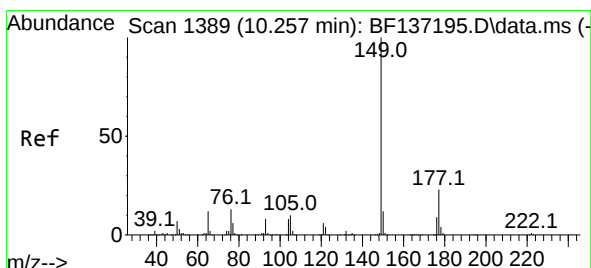
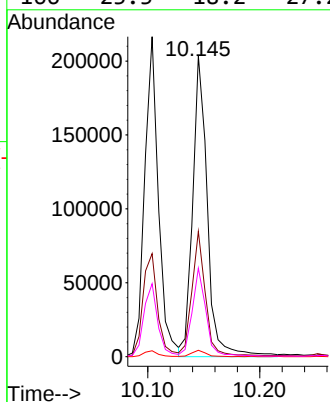
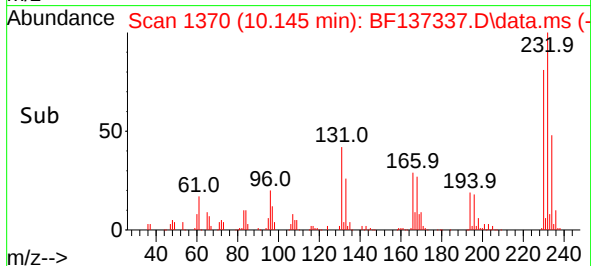
Instrument :
BNA_F
ClientSampleId :
PB158865BS



Tgt Ion:232 Resp: 185768
Ion Ratio Lower Upper
232 100
131 34.4 27.4 41.2
130 1.9 1.7 2.5
166 23.3 18.2 27.2

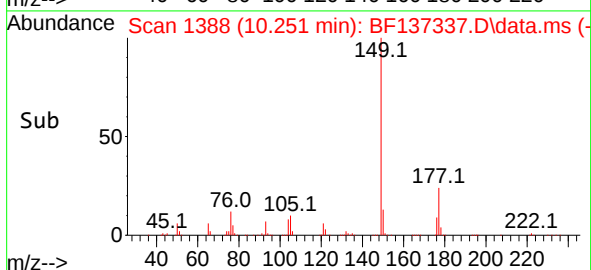
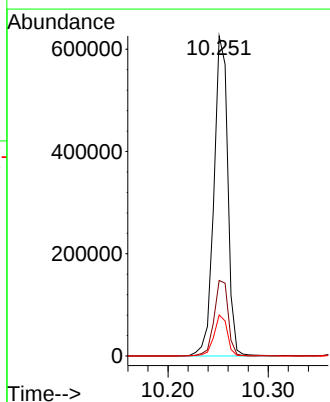
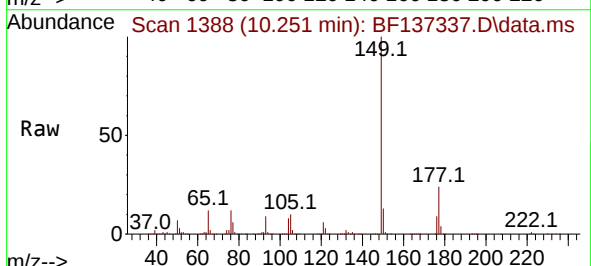
Manual Integrations
APPROVED

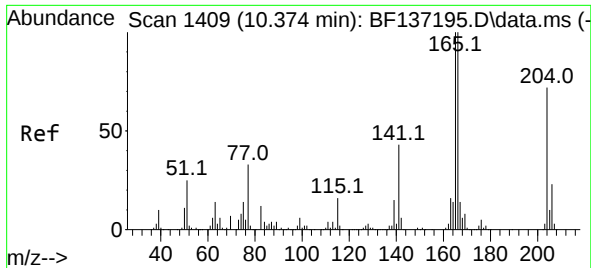
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#60
Diethylphthalate
Concen: 40.540 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

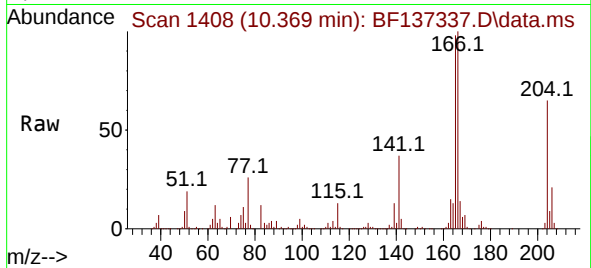
Tgt Ion:149 Resp: 601776
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 12.8 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 38.690 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

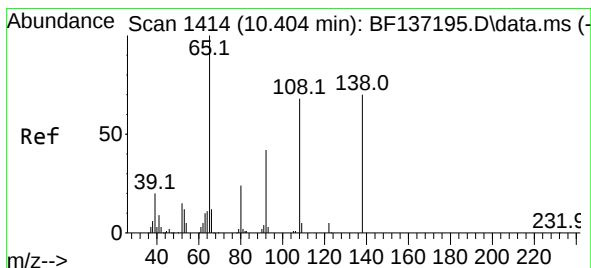
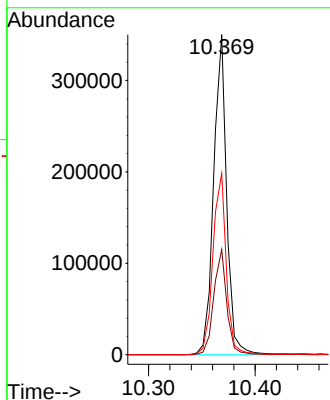
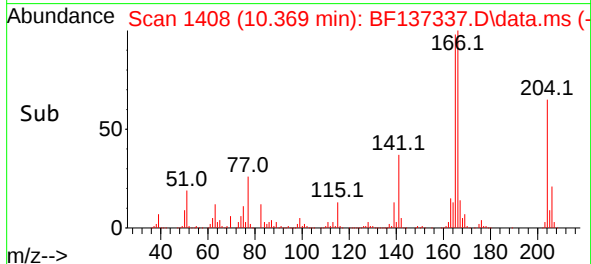
Instrument :
BNA_F
ClientSampleId :
PB158865BS



Tgt Ion:204 Resp: 296538
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 56.7 48.3 72.5

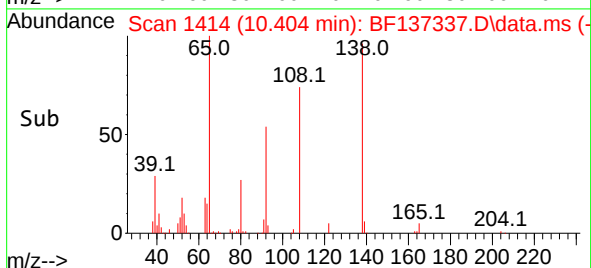
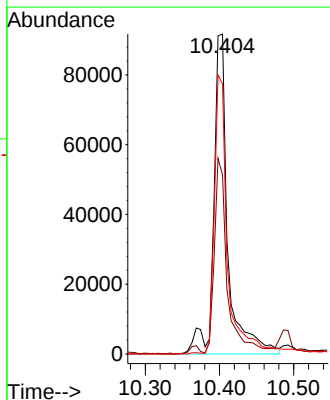
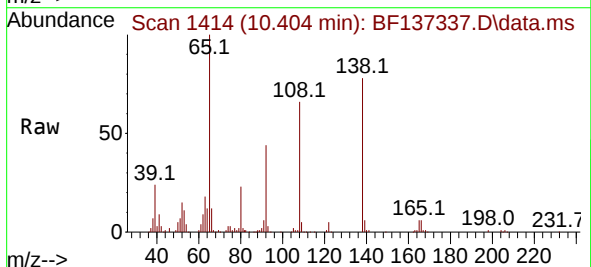
Manual Integrations
APPROVED

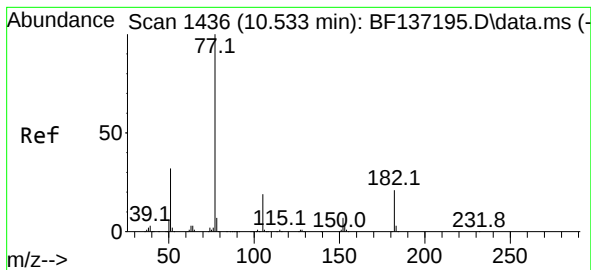
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#62
4-Nitroaniline
Concen: 44.172 ng m
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:138 Resp: 122316
Ion Ratio Lower Upper
138 100
92 56.0 39.3 79.3
108 84.4 75.3 115.3





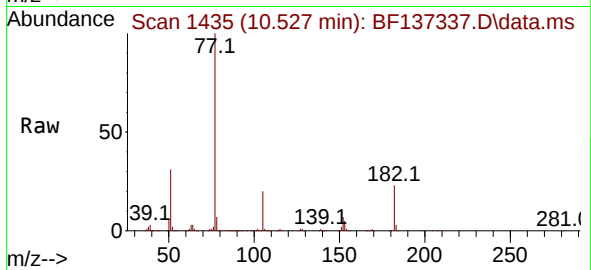
#63
Azobenzene
Concen: 40.042 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

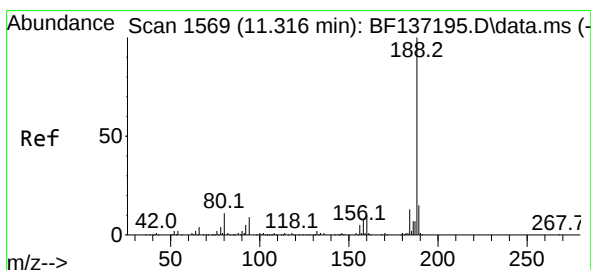
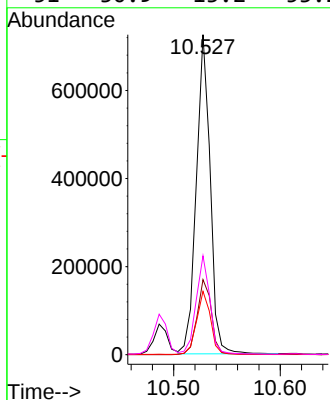
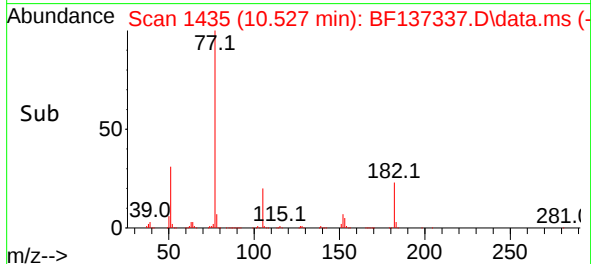


Tgt Ion: 77 Resp: 658269
Ion Ratio Lower Upper
77 100
182 23.4 1.1 41.1
105 19.8 0.0 38.9
51 30.9 13.2 53.2

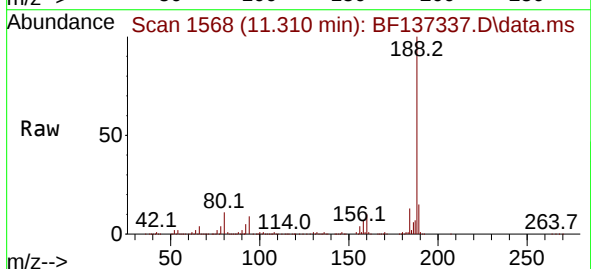
Manual Integrations

APPROVED

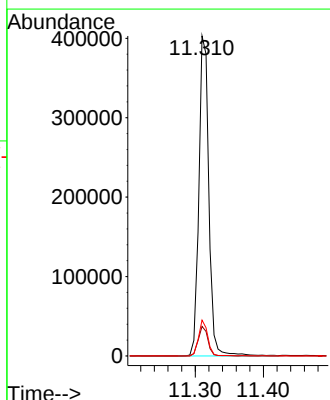
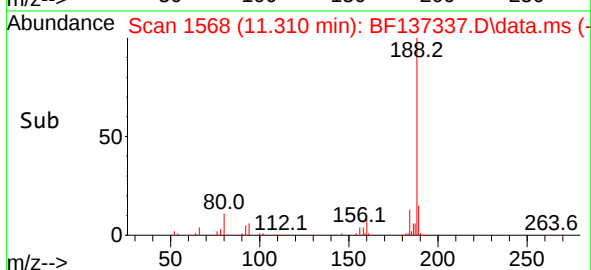
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

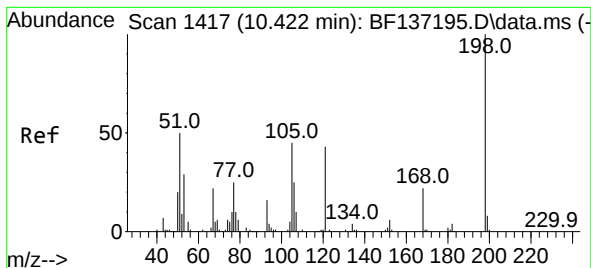


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:188 Resp: 408780
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 11.2 8.8 13.2





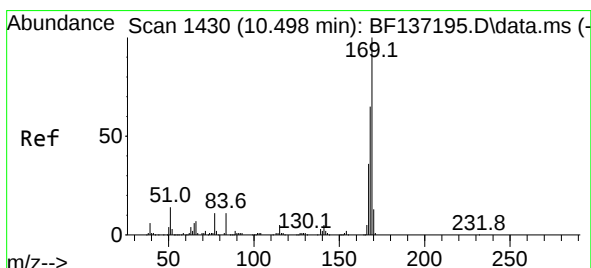
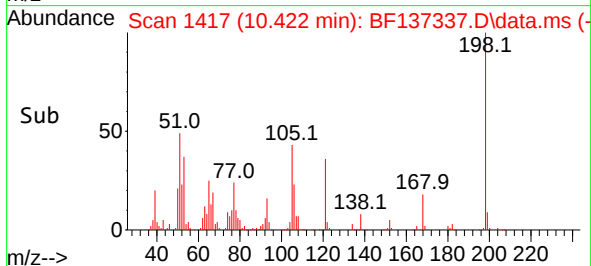
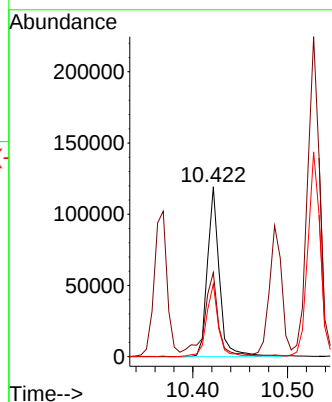
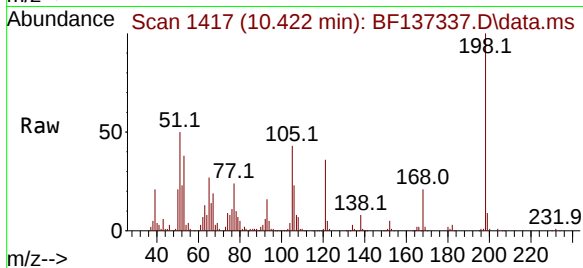
#65
4,6-Dinitro-2-methylphenol
Concen: 48.387 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :
BNA_F
ClientSampleId :
PB158865BS

Tgt Ion:198 Resp: 104884
Ion Ratio Lower Upper
198 100
51 49.6 40.9 80.9
105 42.8 26.5 66.5

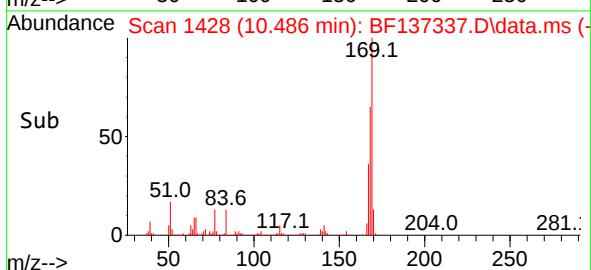
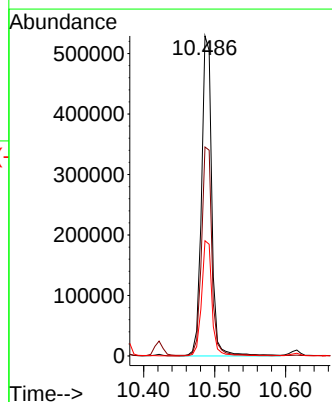
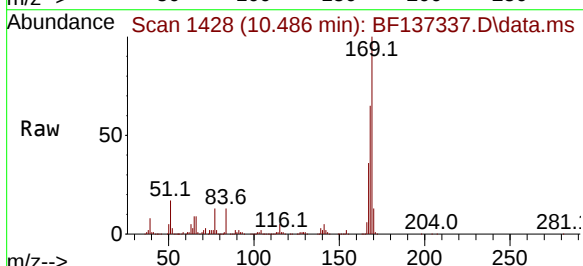
Manual Integrations
APPROVED

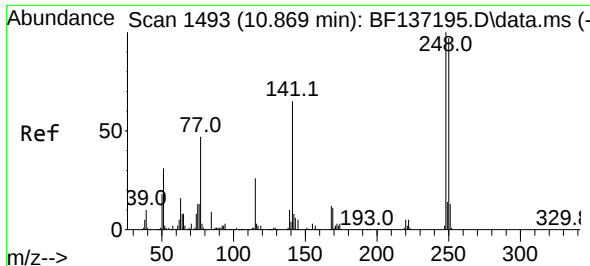
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#66
n-Nitrosodiphenylamine
Concen: 42.832 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:169 Resp: 532371
Ion Ratio Lower Upper
169 100
168 65.3 51.9 77.9
167 36.0 29.0 43.6





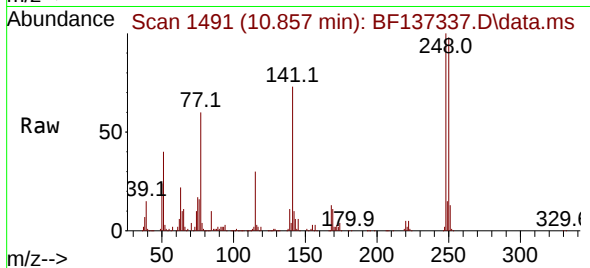
#67
4-Bromophenyl-phenylether
Concen: 43.338 ng
RT: 10.857 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

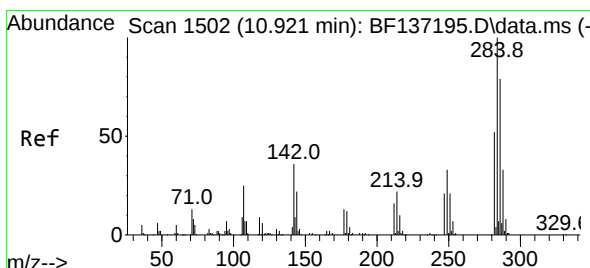
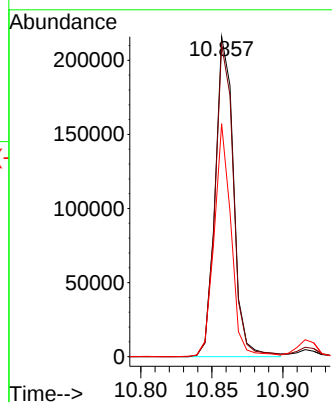
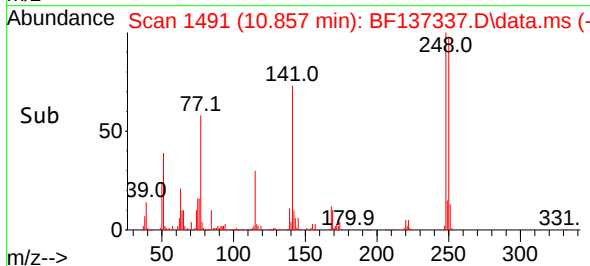


Tgt Ion:248 Resp: 194790
Ion Ratio Lower Upper
248 100
250 97.5 77.7 116.5
141 72.8 51.6 77.4

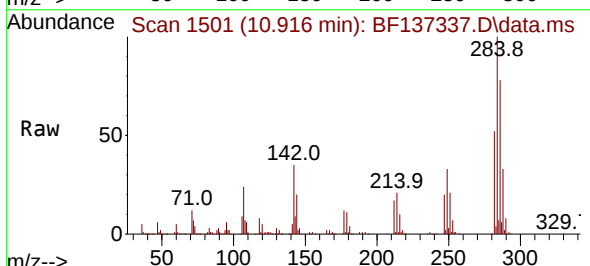
Manual Integrations

APPROVED

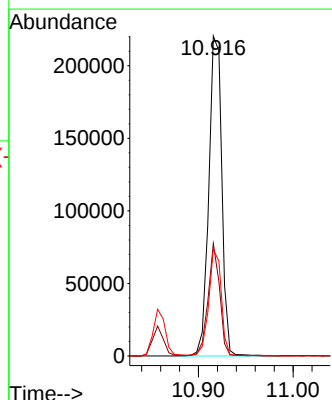
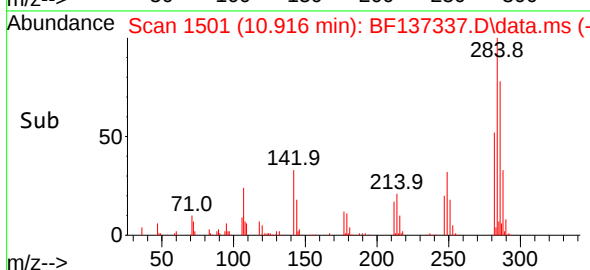
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

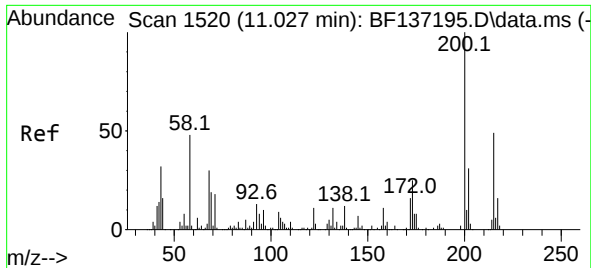


#68
Hexachlorobenzene
Concen: 41.982 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:284 Resp: 210777
Ion Ratio Lower Upper
284 100
142 35.1 28.7 43.1
249 33.4 27.0 40.4





#69
 Atrazine
 Concen: 44.635 ng
 RT: 11.022 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

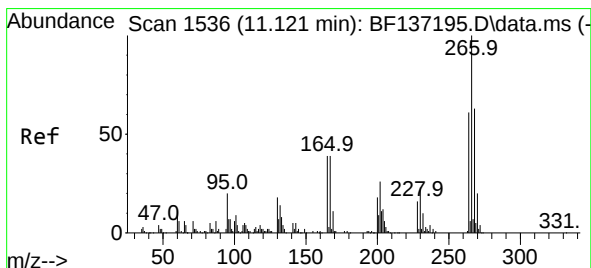
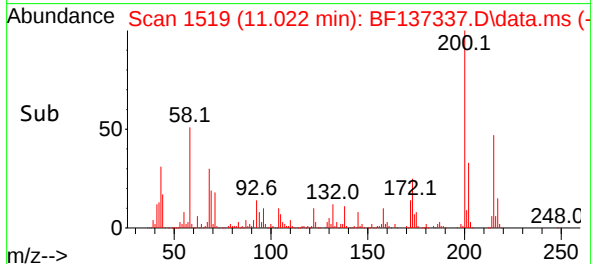
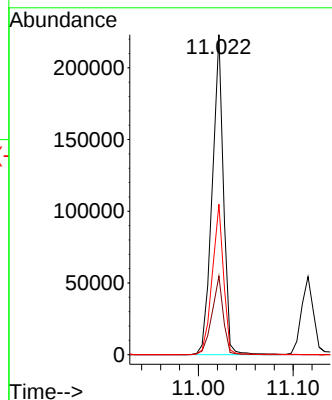
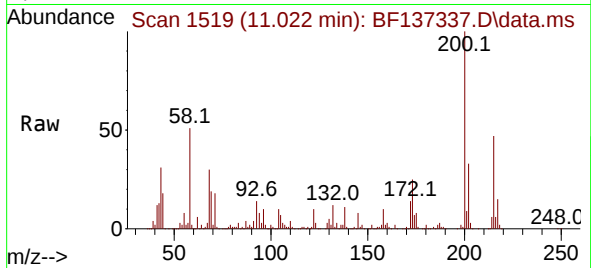
PB158865BS

Tgt Ion:200 Resp: 18314
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.3 45.3
 215 47.0 29.4 69.4

Manual Integrations

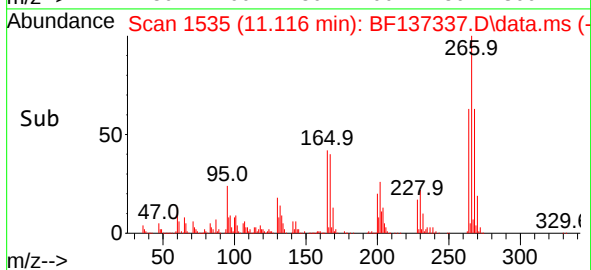
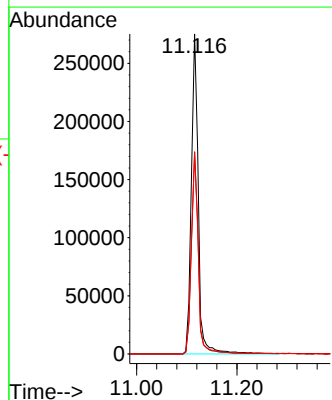
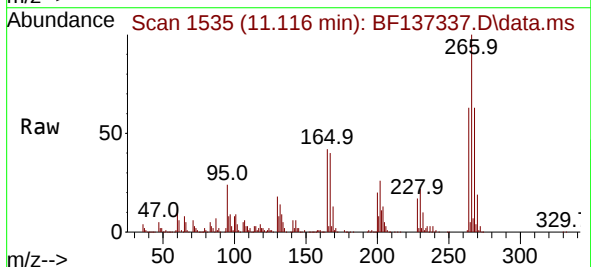
APPROVED

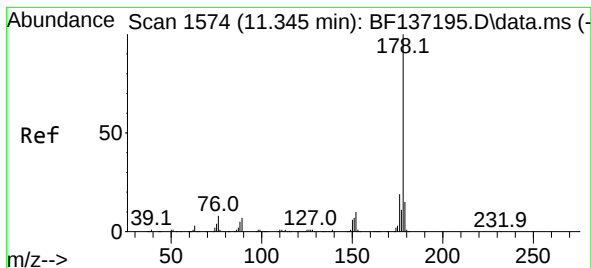
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#70
 Pentachlorophenol
 Concen: 92.413 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. -0.005 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57

Tgt Ion:266 Resp: 265969
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.6 76.0
 264 63.0 48.8 73.2





#71

Phenanthrene

Concen: 41.391 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion:178 Resp: 885768

Ion Ratio Lower Upper

178 100

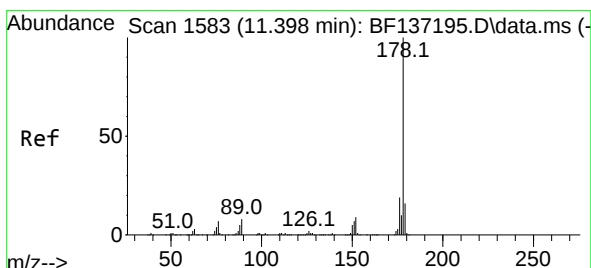
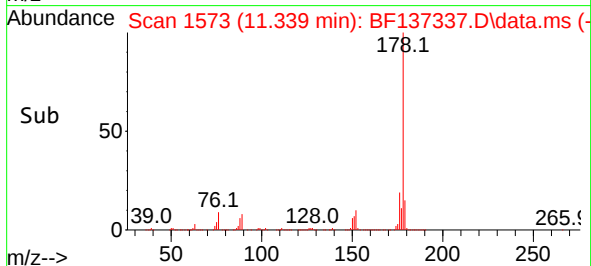
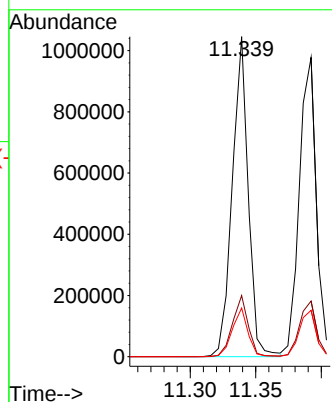
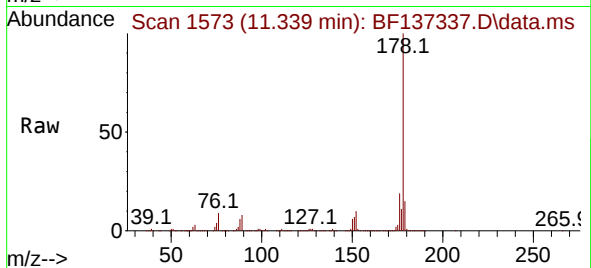
176 19.1 15.1 22.7

179 15.2 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#72

Anthracene

Concen: 41.228 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

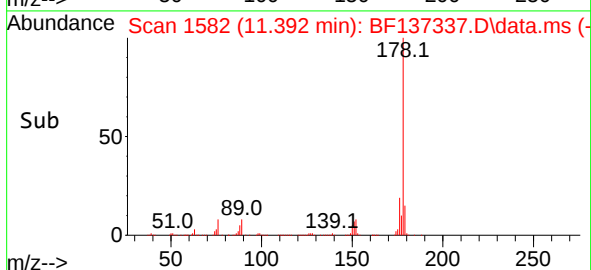
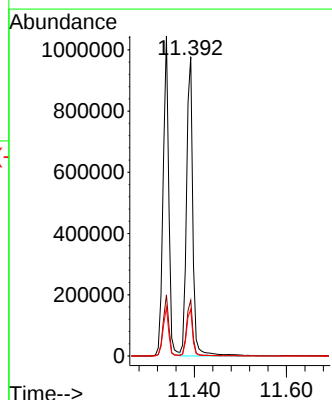
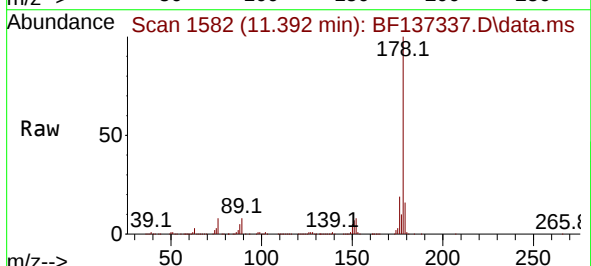
Tgt Ion:178 Resp: 919593

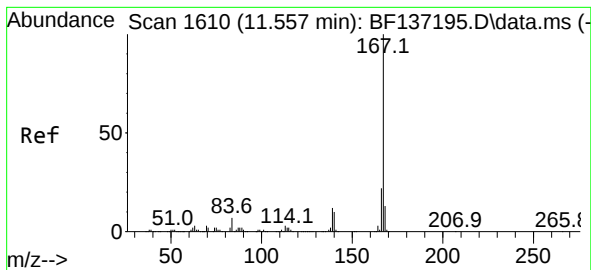
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

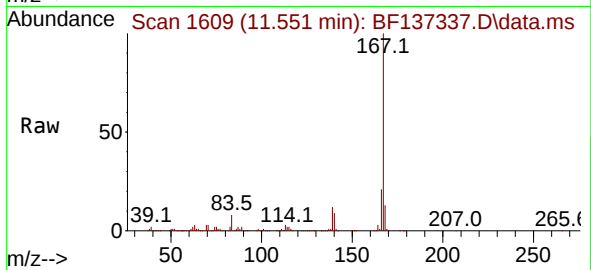
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 42.767 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57

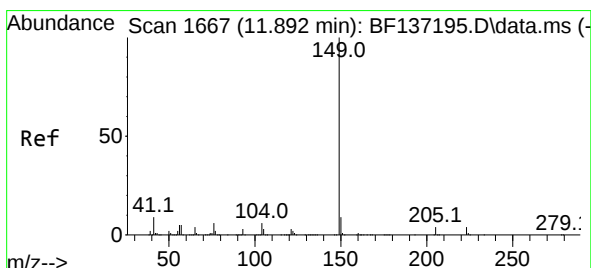
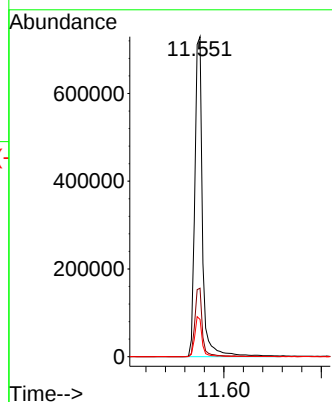
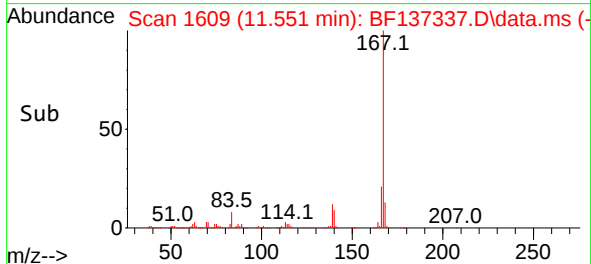
Instrument :
 BNA_F
 ClientSampleId :
 PB158865BS



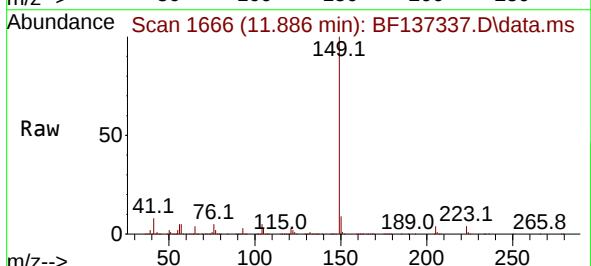
Tgt Ion:167 Resp: 79723
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 11.7 9.7 14.5

Manual Integrations
 APPROVED

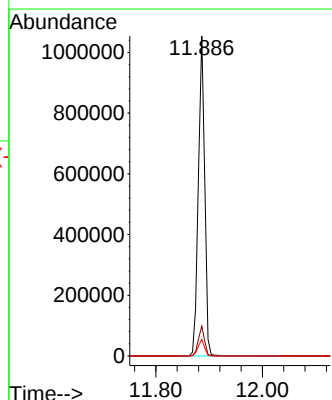
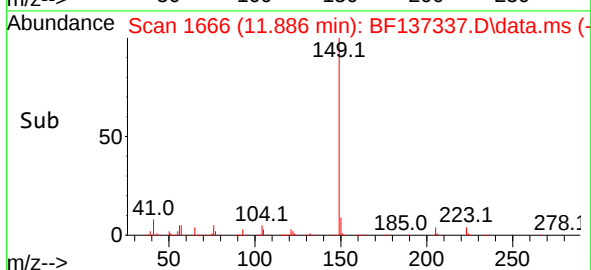
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

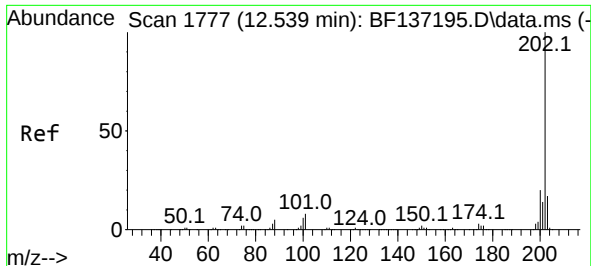


#74
 Di-n-butylphthalate
 Concen: 43.378 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57



Tgt Ion:149 Resp: 874086
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.5 6.7





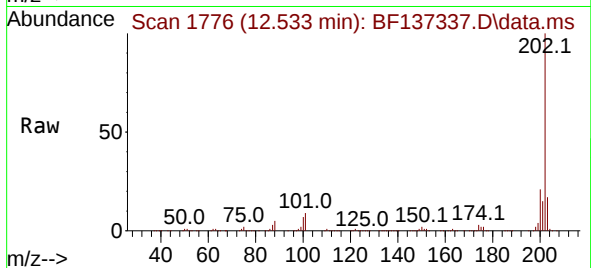
#75
Fluoranthene
Concen: 40.404 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

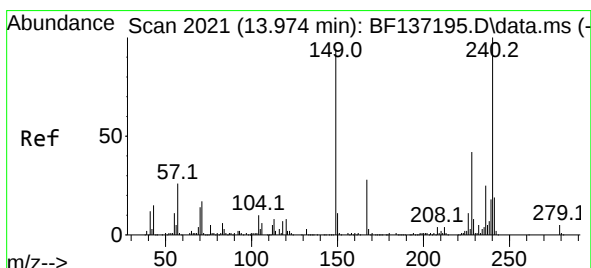
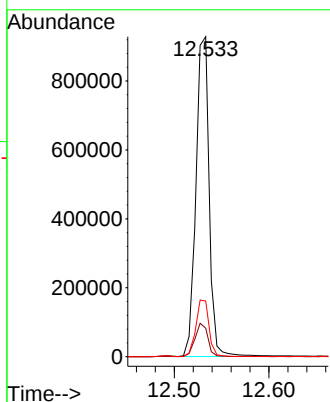
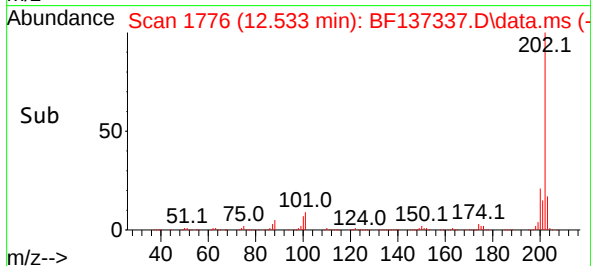


Tgt Ion:202 Resp: 904785
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.4
203 17.4 0.0 37.3

Manual Integrations

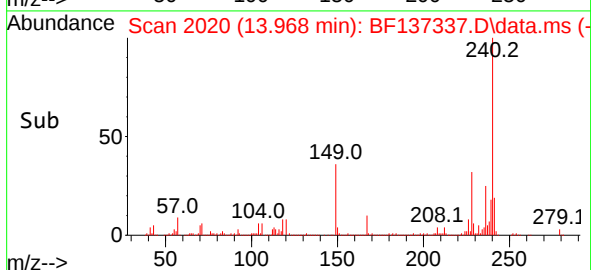
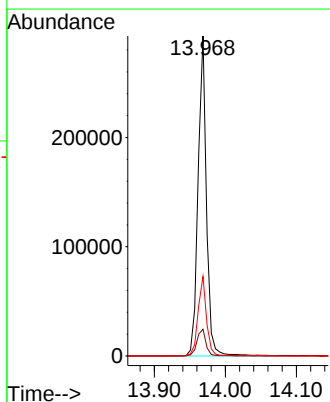
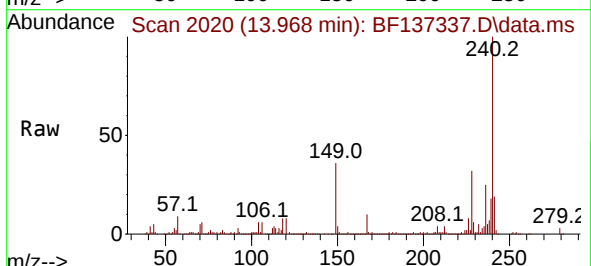
APPROVED

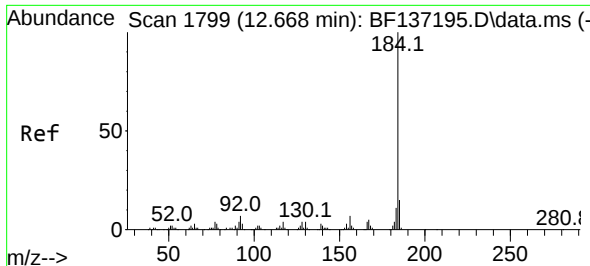
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

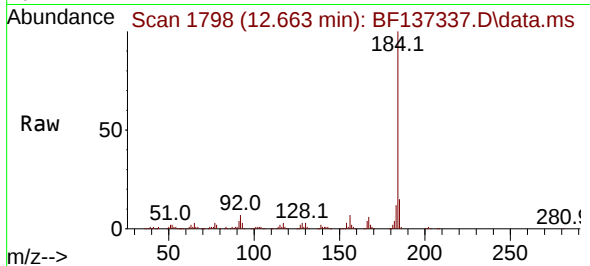
Tgt Ion:240 Resp: 241393
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 24.9 20.3 30.5





#77
Benzidine
Concen: 51.611 ng
RT: 12.663 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

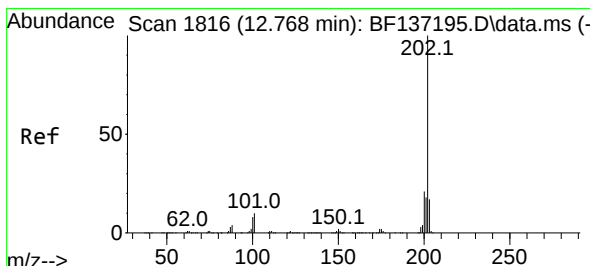
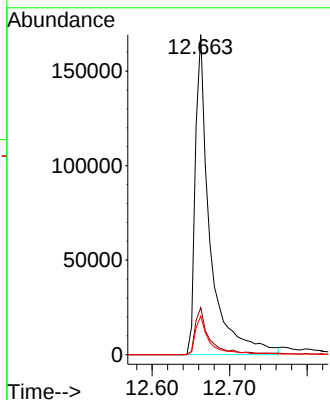
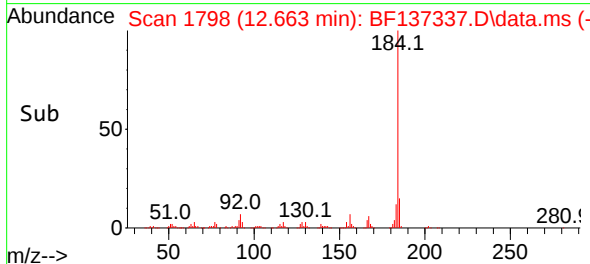
Instrument :
BNA_F
ClientSampleId :
PB158865BS



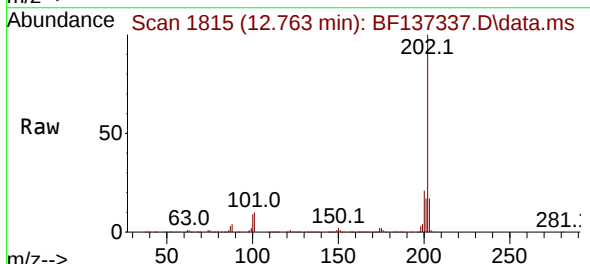
Tgt Ion:184 Resp: 22308
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 12.1 8.8 13.2

Manual Integrations
APPROVED

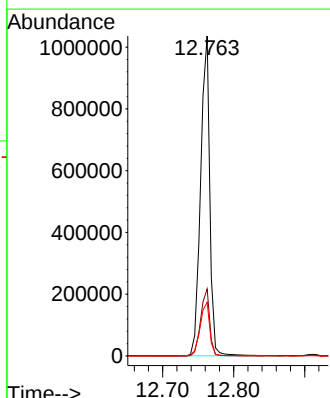
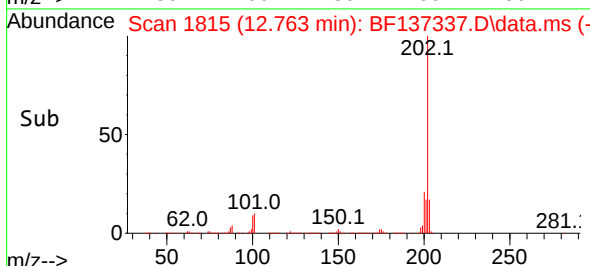
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

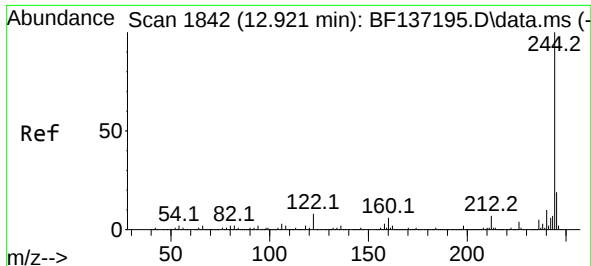


#78
Pyrene
Concen: 40.051 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:202 Resp: 929105
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 16.8 13.8 20.6





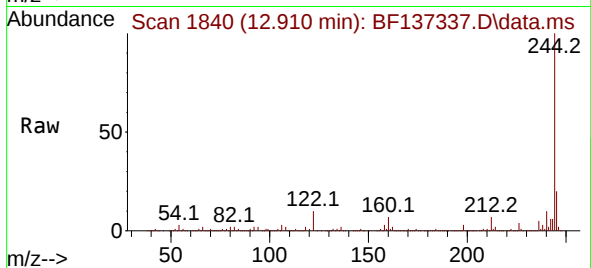
#79
 Terphenyl-d14
 Concen: 75.013 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

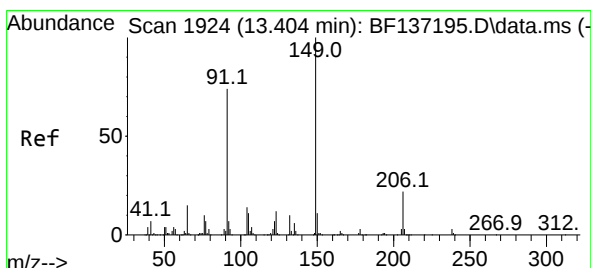
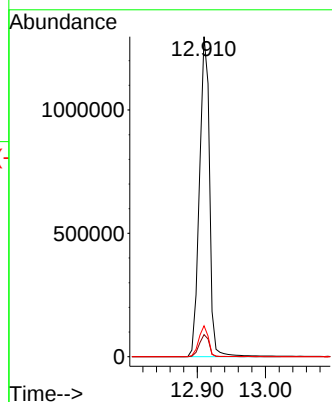
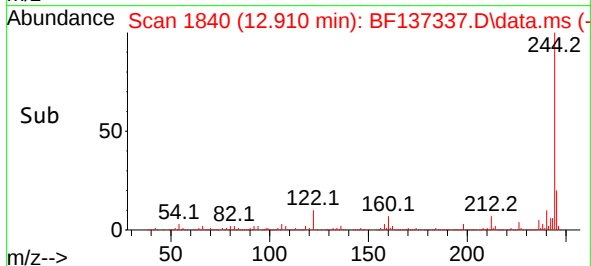


Tgt Ion:244 Resp: 1331985
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.7 6.2 9.4

Manual Integrations

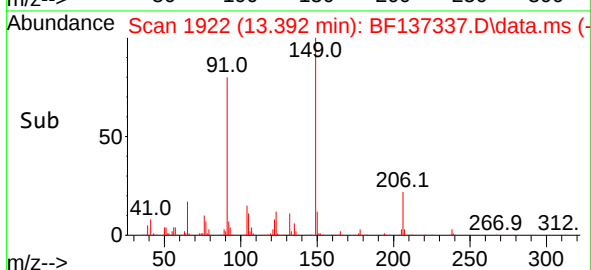
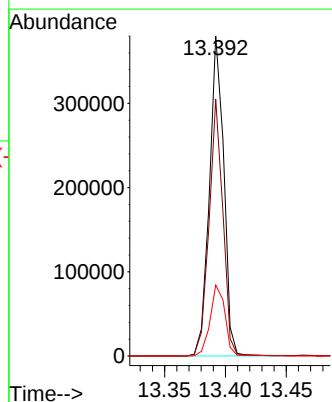
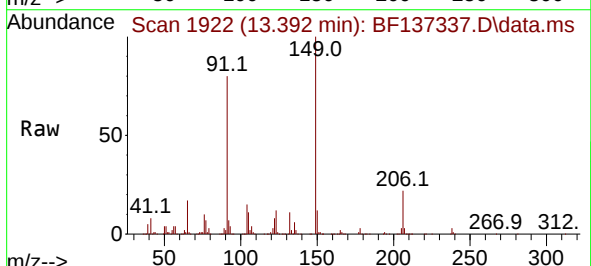
APPROVED

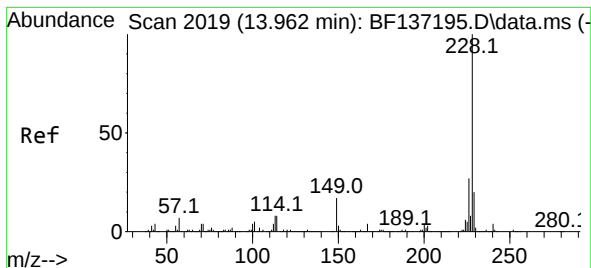
Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024



#80
 Butylbenzylphthalate
 Concen: 52.618 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF137337.D
 Acq: 08 Feb 2024 14:57

Tgt Ion:149 Resp: 312251
 Ion Ratio Lower Upper
 149 100
 91 80.2 58.8 88.2
 206 22.2 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.066 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF137337.D

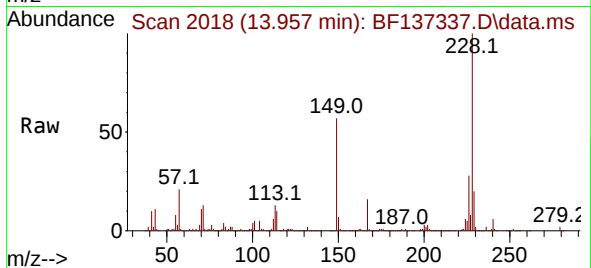
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS



Tgt Ion:228 Resp: 70205

Ion Ratio Lower Upper

228 100

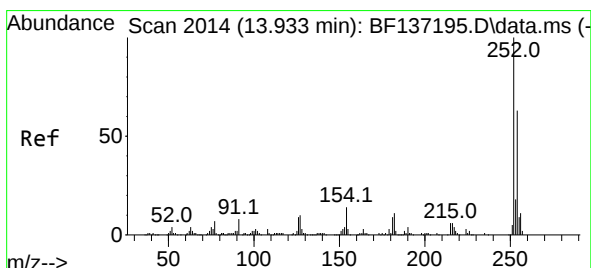
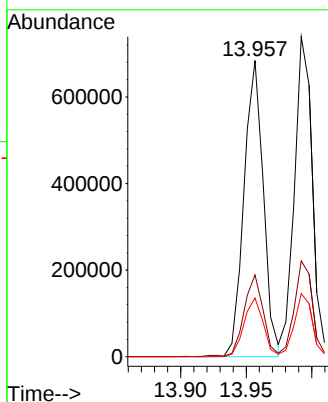
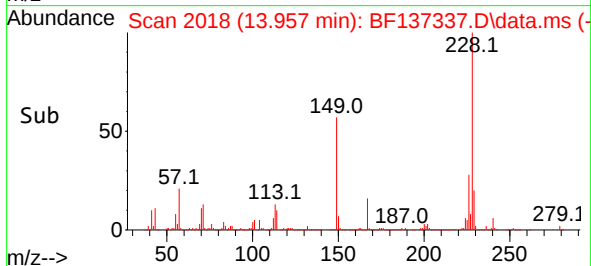
226 27.6 21.6 32.4

229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#82

3,3'-Dichlorobenzidine

Concen: 36.858 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

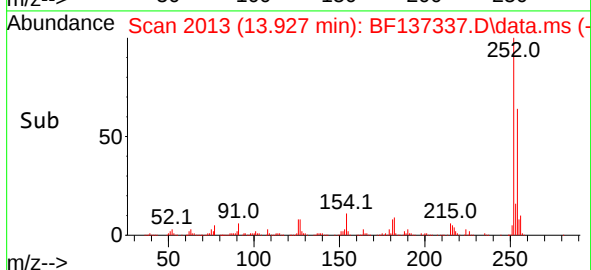
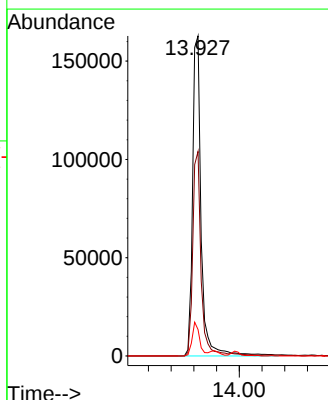
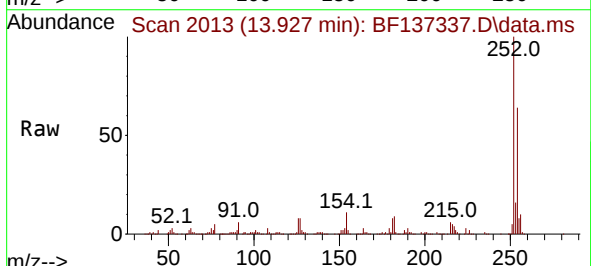
Tgt Ion:252 Resp: 171672

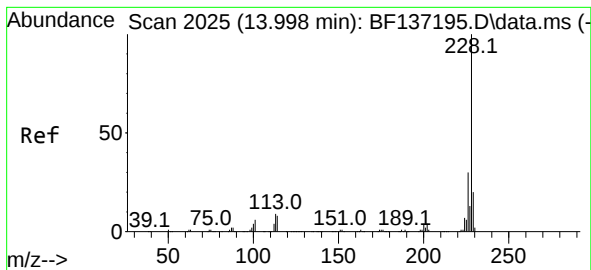
Ion Ratio Lower Upper

252 100

254 63.9 50.2 75.2

126 8.2 7.0 10.6





#83

Chrysene

Concen: 42.899 ng

RT: 13.992 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

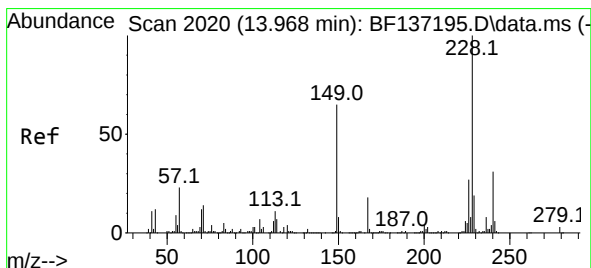
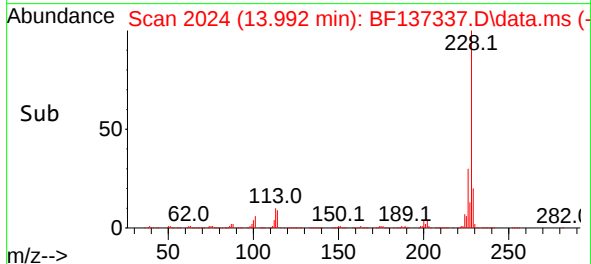
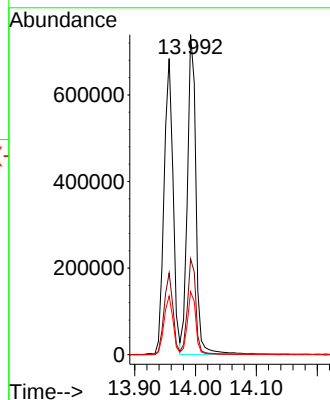
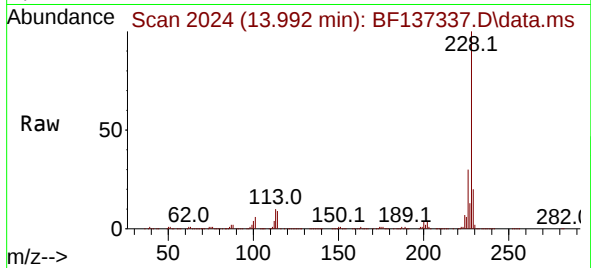
Tgt Ion:228 Resp: 72100

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.970 ng

RT: 13.963 min Scan# 2019

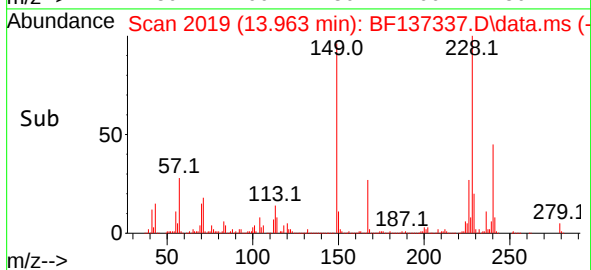
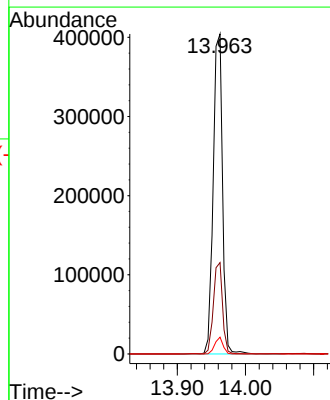
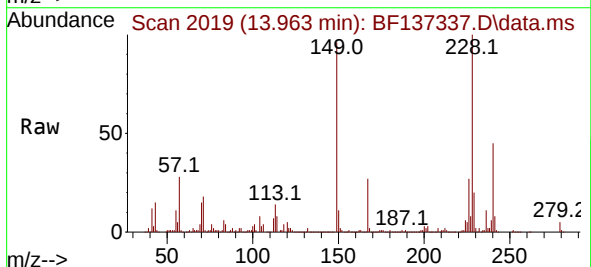
Delta R.T. -0.006 min

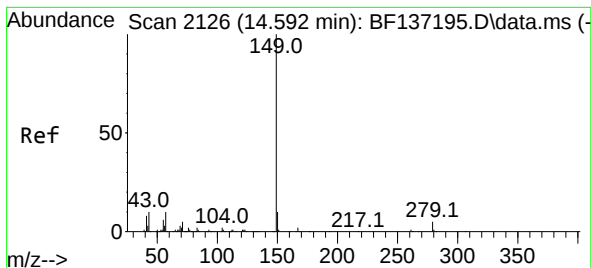
Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Tgt Ion:149 Resp: 386420

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.7	32.5
279	5.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 57.711 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion:149 Resp: 633530

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

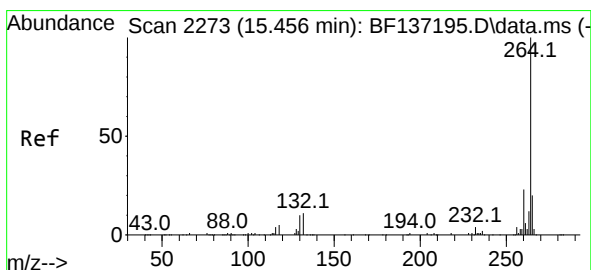
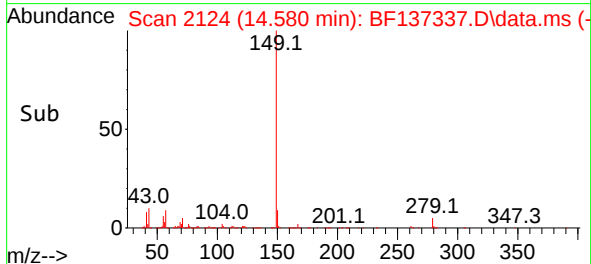
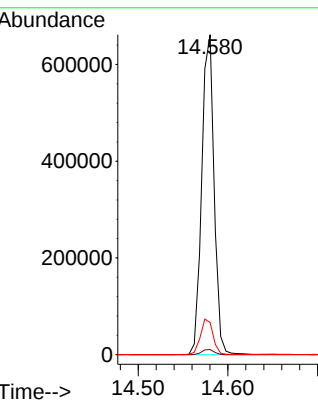
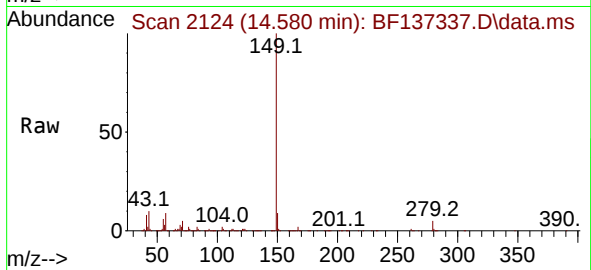
43 11.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024

Supervised By :mohammad ahmed 02/09/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

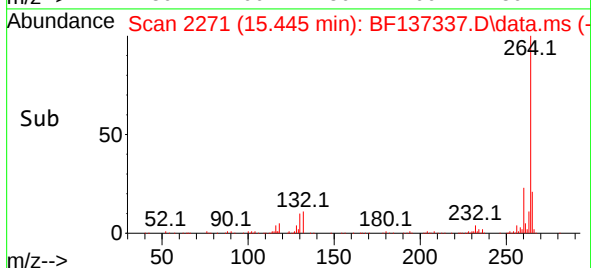
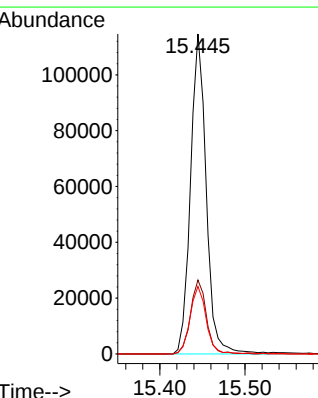
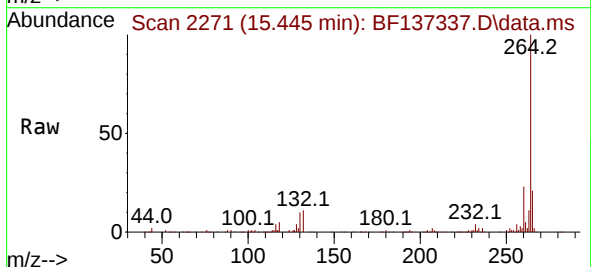
Tgt Ion:264 Resp: 146725

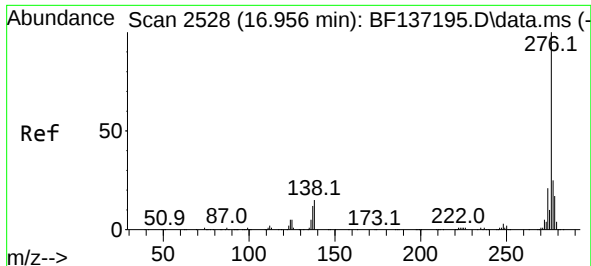
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.1 16.2 24.2





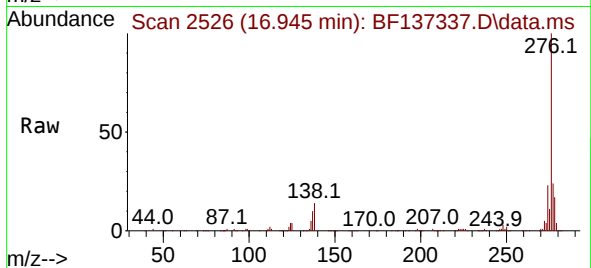
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.856 ng
RT: 16.945 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

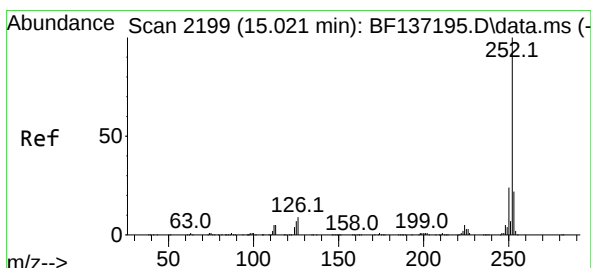
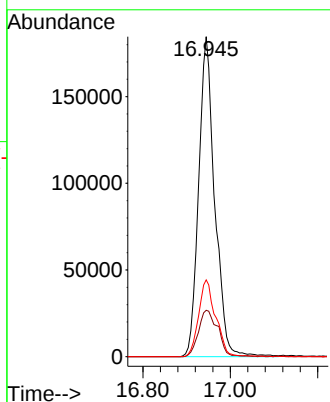
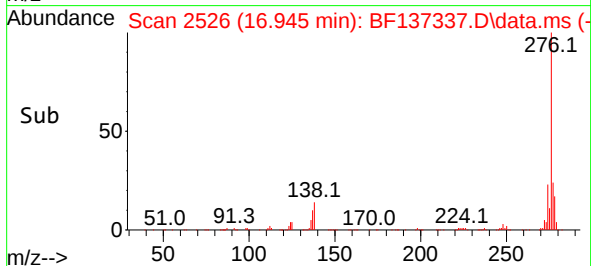


Tgt Ion:276 Resp: 47269
Ion Ratio Lower Upper
276 100
138 17.3 14.6 21.8
277 25.5 20.2 30.2

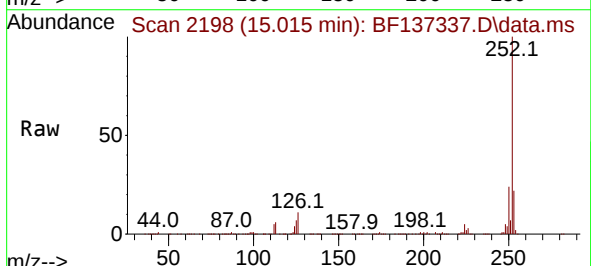
Manual Integrations

APPROVED

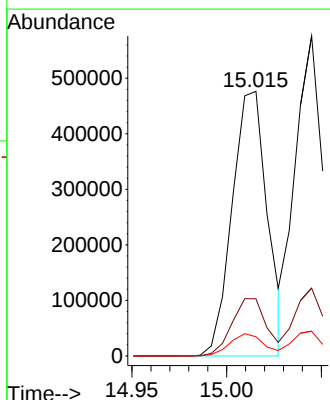
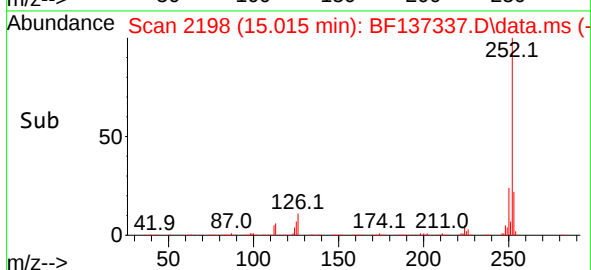
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

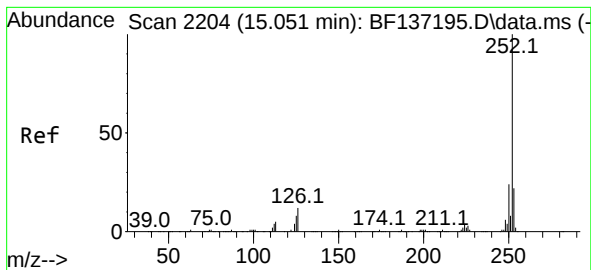


#88
Benzo(b)fluoranthene
Concen: 68.279 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57



Tgt Ion:252 Resp: 616107
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 7.3 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 64.881 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB158865BS

Tgt Ion:252 Resp: 61934

Ion Ratio Lower Upper

252 100

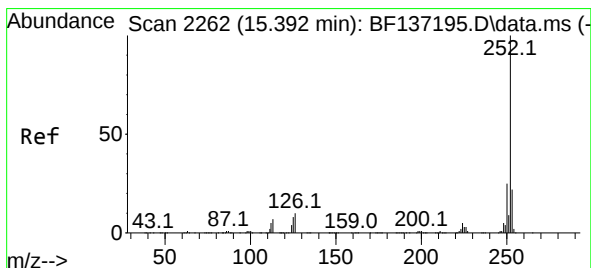
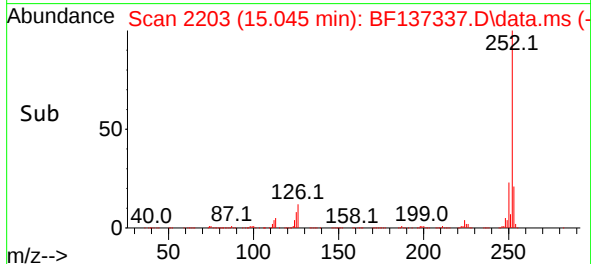
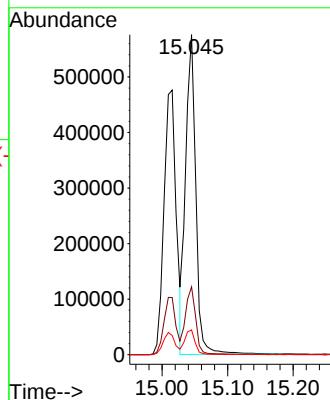
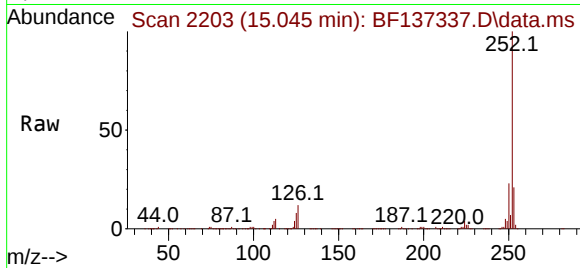
253 21.2 17.0 25.6

125 7.8 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#90

Benzo(a)pyrene

Concen: 51.424 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF137337.D

Acq: 08 Feb 2024 14:57

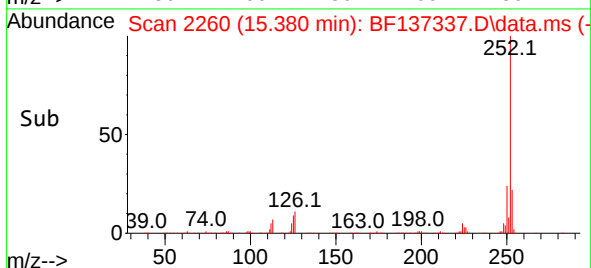
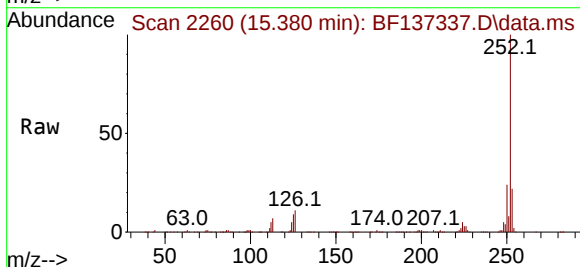
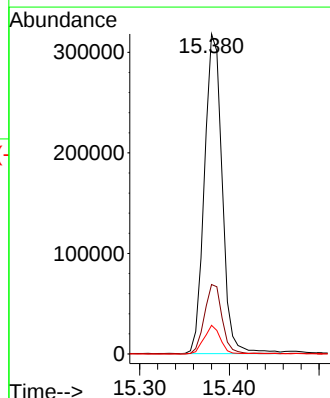
Tgt Ion:252 Resp: 436673

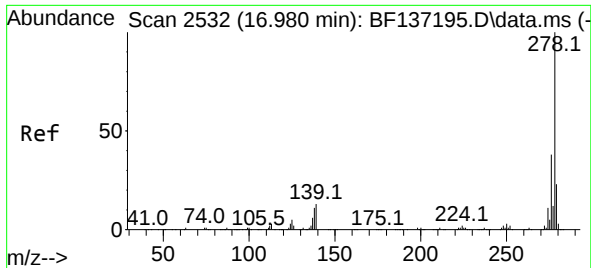
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.0 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 46.522 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

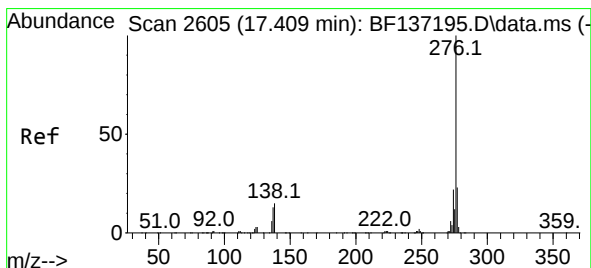
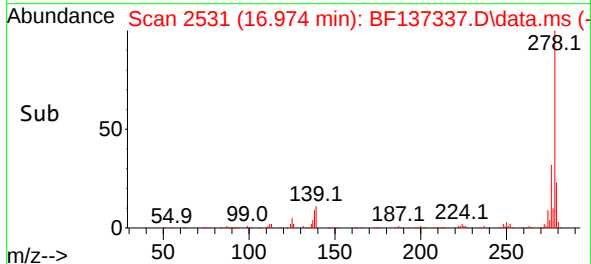
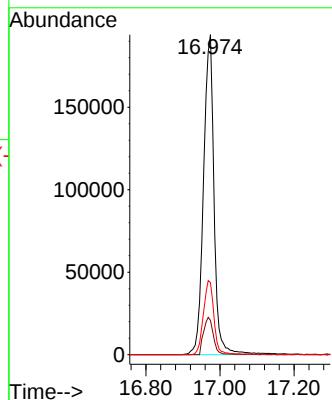
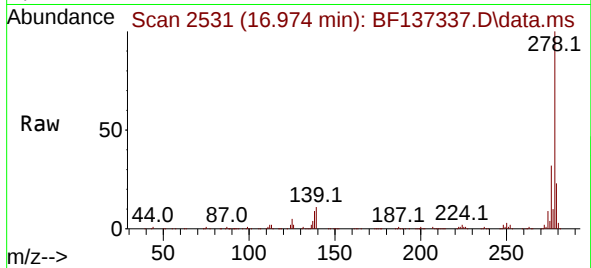
PB158865BS

Tgt Ion:278 Resp: 384258
Ion Ratio Lower Upper
278 100
139 10.8 10.0 15.0
279 22.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#92
Benzo(g,h,i)perylene
Concen: 46.186 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF137337.D
Acq: 08 Feb 2024 14:57

Tgt Ion:276 Resp: 374414
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 14.9 11.8 17.8

