

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137732.D
 Acq On : 26 Apr 2024 13:23
 Operator : CG\JU
 Sample : PB160534BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160534BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 13:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	294250	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1184568	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	625679	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1103871	20.000	ng	0.00
76) Chrysene-d12	14.257	240	742528	20.000	ng	0.00
86) Perylene-d12	15.827	264	572054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2310855	119.296	ng	0.02
7) Phenol-d6	6.681	99	2900839	117.926	ng	0.00
23) Nitrobenzene-d5	7.628	82	1808410	81.039	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	842321	133.414	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3376896	80.645	ng	0.00
79) Terphenyl-d14	13.192	244	3790497	82.166	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	305057	35.169	ng	98
3) Pyridine	3.828	79	711591	30.796	ng	98
4) n-Nitrosodimethylamine	3.793	42	432435	40.101	ng	96
6) Aniline	6.728	93	510712	16.681	ng	97
8) 2-Chlorophenol	6.845	128	921957	45.595	ng	97
10) Phenol	6.692	94	1077423	43.843	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	842787	42.046	ng	97
12) 1,3-Dichlorobenzene	7.004	146	934709	44.079	ng	98
13) 1,4-Dichlorobenzene	7.081	146	963977	45.153	ng	98
14) 1,2-Dichlorobenzene	7.234	146	923164	46.455	ng	99
15) Benzyl Alcohol	7.198	79	773290	42.023	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1281058	41.558	ng	98
17) 2-Methylphenol	7.298	107	738001	41.079	ng	100
18) Hexachloroethane	7.575	117	338266	44.769	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	634389	39.882	ng	99
20) 3+4-Methylphenols	7.451	107	937174	40.389	ng	95
22) Acetophenone	7.469	105	1242382	42.881	ng	99
24) Nitrobenzene	7.645	77	945209	41.925	ng	96
25) Isophorone	7.881	82	1737346	41.920	ng	99
26) 2-Nitrophenol	7.957	139	481937	48.711	ng	94
27) 2,4-Dimethylphenol	7.986	122	736230	36.884	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1039544	41.066	ng	99
29) 2,4-Dichlorophenol	8.198	162	772178	44.141	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	793680	44.512	ng	98
31) Naphthalene	8.369	128	2604408	43.085	ng	100
32) Benzoic acid	8.104	122	599048	47.398	ng	99
33) 4-Chloroaniline	8.410	127	356379	13.929	ng	99
34) Hexachlorobutadiene	8.481	225	471331	44.093	ng	98
35) Caprolactam	8.786	113	244584m	43.245	ng	
36) 4-Chloro-3-methylphenol	8.886	107	796272	42.916	ng	97
37) 2-Methylnaphthalene	9.063	142	1689481	40.721	ng	100
38) 1-Methylnaphthalene	9.163	142	1588880	40.960	ng	99
40) 1,2,4,5-Tetrachloroben...	9.228	216	793788	46.276	ng	100
41) Hexachlorocyclopentadiene	9.210	237	901998	93.849	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	554346	46.067	ng	99
44) 2,4,5-Trichlorophenol	9.386	196	582217	42.218	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.527	154	2032963	44.664	ng	99
47) 2-Chloronaphthalene	9.557	162	1621983	46.227	ng	98
48) 2-Nitroaniline	9.645	65	495960	46.387	ng	97
49) Acenaphthylene	9.975	152	2501050	45.709	ng	100
50) Dimethylphthalate	9.822	163	1893396	43.434	ng	99
51) 2,6-Dinitrotoluene	9.886	165	434540	47.311	ng	91
52) Acenaphthene	10.145	154	1715613	48.422	ng	100
53) 3-Nitroaniline	10.057	138	306436	29.688	ng	94
54) 2,4-Dinitrophenol	10.163	184	510864	102.961	ng	# 45
55) Dibenzofuran	10.316	168	2289465	44.083	ng	98
56) 4-Nitrophenol	10.210	139	747274	93.096	ng	99
57) 2,4-Dinitrotoluene	10.292	165	578898	49.995	ng	98
58) Fluorene	10.663	166	1774266	43.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.427	232	490177	45.902	ng	99
60) Diethylphthalate	10.527	149	1778338	42.414	ng	100
61) 4-Chlorophenyl-phenyle...	10.651	204	876697	43.722	ng	94
62) 4-Nitroaniline	10.680	138	436311	44.380	ng	99
63) Azobenzene	10.810	77	1799855	41.891	ng	97
65) 4,6-Dinitro-2-methylph...	10.698	198	323361	51.090	ng	95
66) n-Nitrosodiphenylamine	10.769	169	1590230	42.534	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	542278	42.395	ng	95
68) Hexachlorobenzene	11.210	284	579271	46.486	ng	96
69) Atrazine	11.292	200	385831	37.333	ng	98
70) Pentachlorophenol	11.404	266	765098	81.621	ng	99
71) Phenanthrene	11.633	178	2483020	42.493	ng	100
72) Anthracene	11.680	178	2534461	42.357	ng	100
73) Carbazole	11.833	167	2332565	43.015	ng	99
74) Di-n-butylphthalate	12.151	149	2725951	41.237	ng	100
75) Fluoranthene	12.821	202	2631323	42.841	ng	98
77) Benzidine	12.933	184	224605	12.951	ng	100
78) Pyrene	13.057	202	2653169	43.533	ng	100
80) Butylbenzylphthalate	13.663	149	993011	45.945	ng	92
81) Benzo(a)anthracene	14.245	228	2247212	43.391	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	502956	31.388	ng	# 97
83) Chrysene	14.286	228	2063847	42.650	ng	100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1382755	42.364	ng	99
85) Di-n-octyl phthalate	14.845	149	2017467	41.149	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1699121	53.568	ng	99
88) Benzo(b)fluoranthene	15.357	252	1761855	48.130	ng	97
89) Benzo(k)fluoranthene	15.386	252	1728577	48.038	ng	99
90) Benzo(a)pyrene	15.762	252	1491365	45.415	ng	99
91) Dibenzo(a,h)anthracene	17.492	278	1413706	53.708	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1359086	53.098	ng	98

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

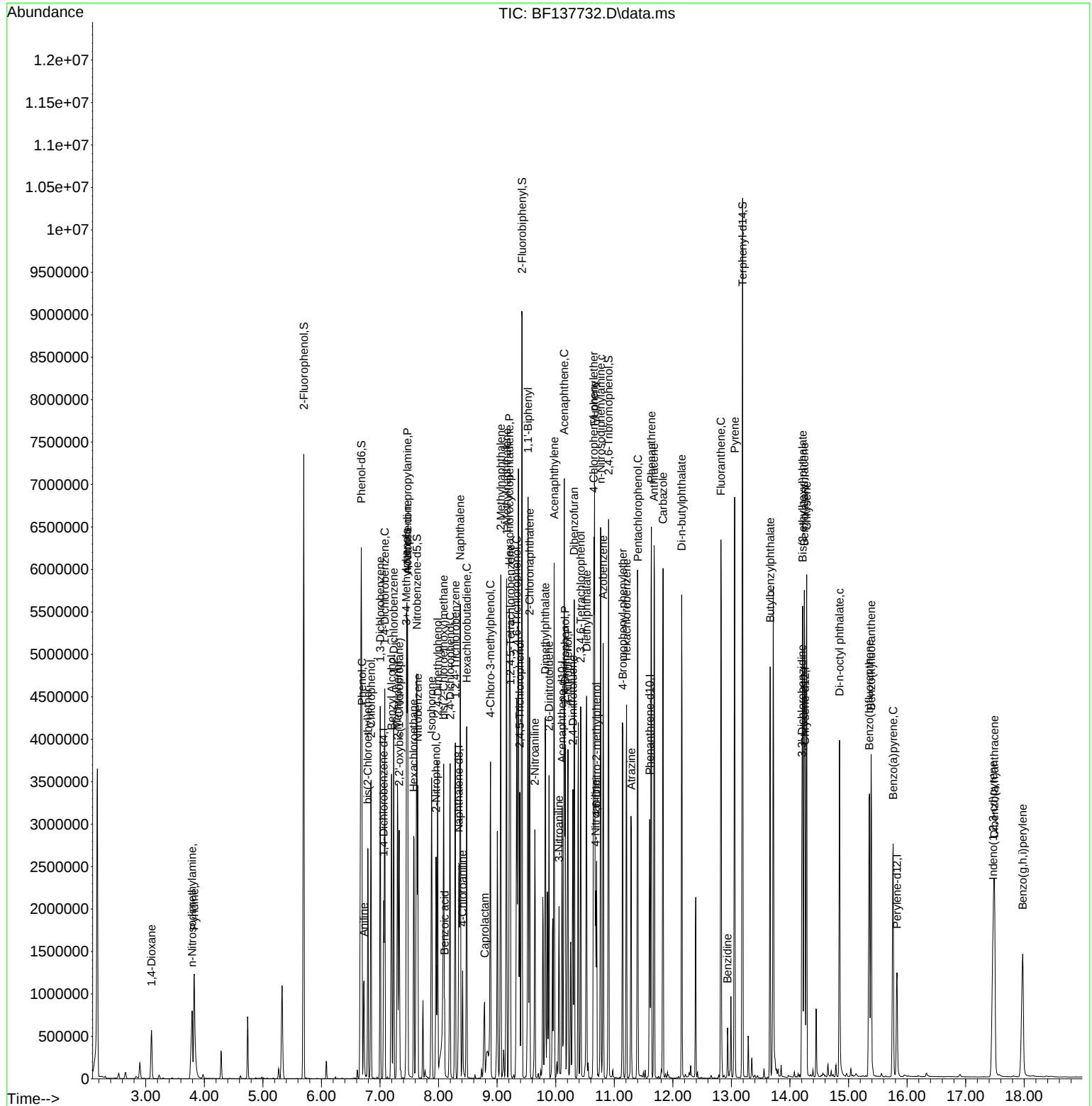
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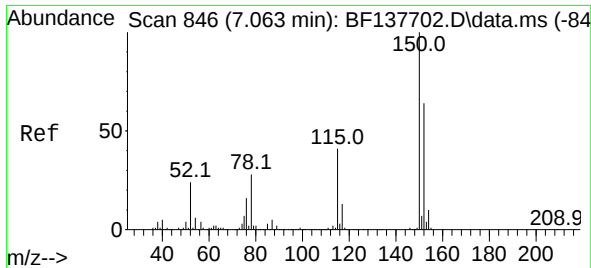
Instrument :
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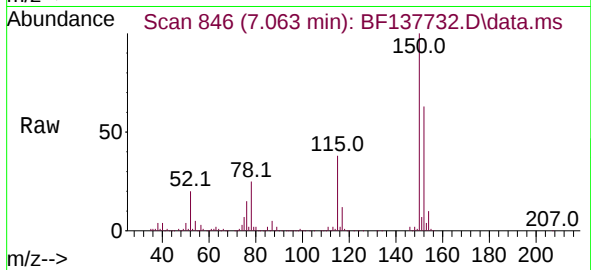
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

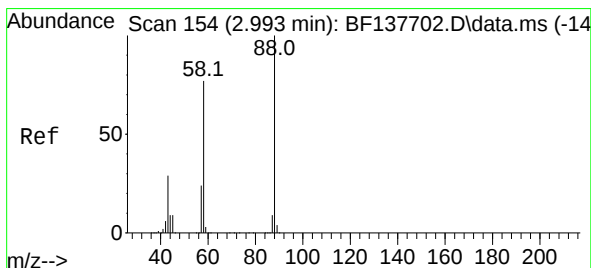
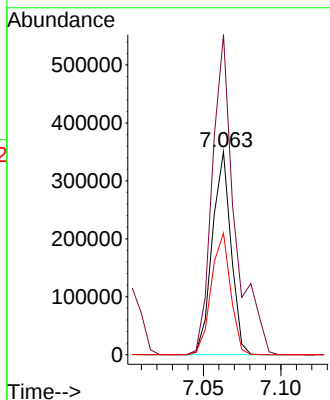
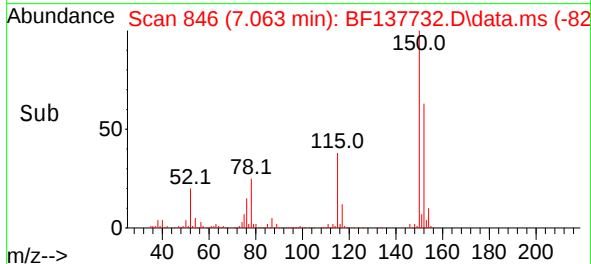


Tgt Ion:152 Resp: 294250
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.4
115 59.9 50.8 76.2

Manual Integrations

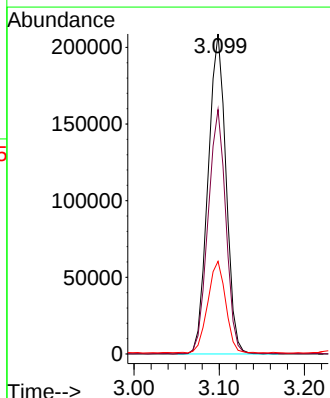
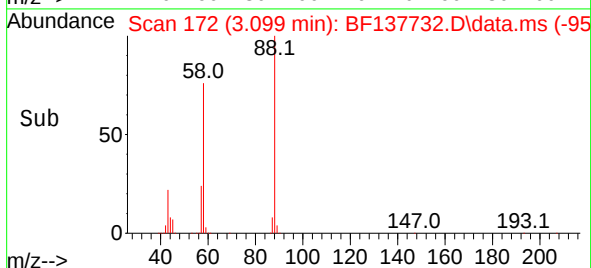
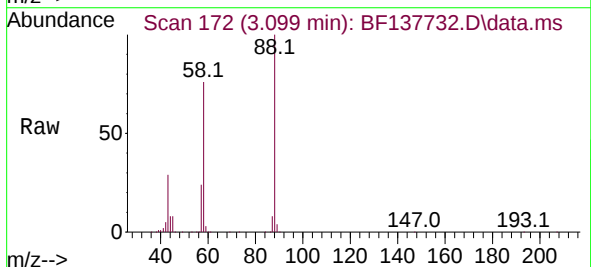
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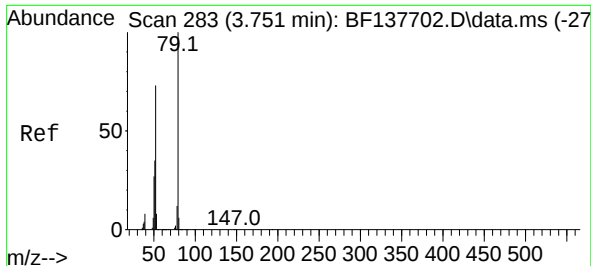
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#2
1,4-Dioxane
Concen: 35.169 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion: 88 Resp: 305057
Ion Ratio Lower Upper
88 100
58 75.9 62.4 93.6
43 29.0 23.7 35.5





#3
Pyridine
Concen: 30.796 ng
RT: 3.828 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

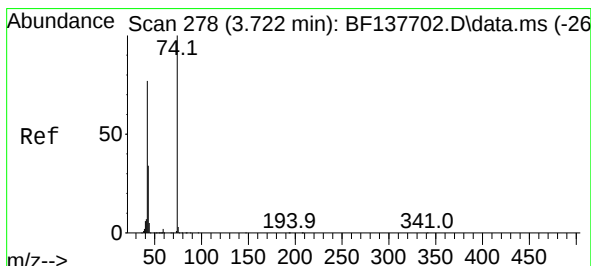
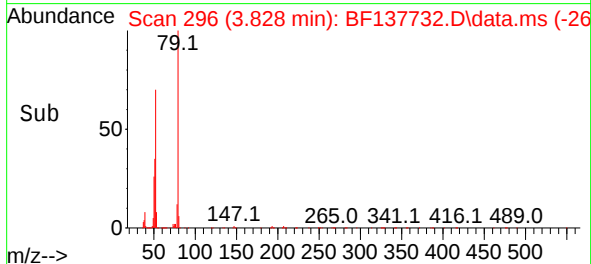
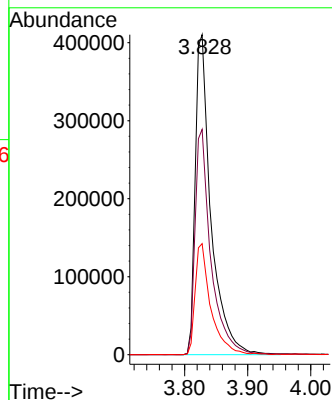
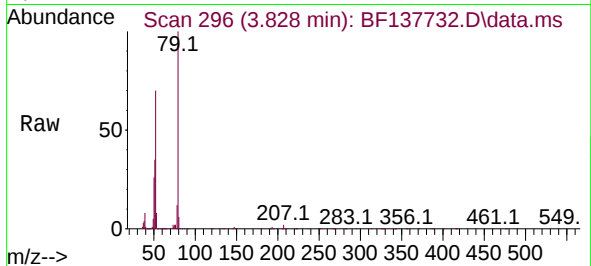
ClientSampleId :

PB160534BS

Tgt Ion: 79 Resp: 71159
Ion Ratio Lower Upper
79 100
52 70.4 58.0 87.0
51 34.7 27.9 41.9

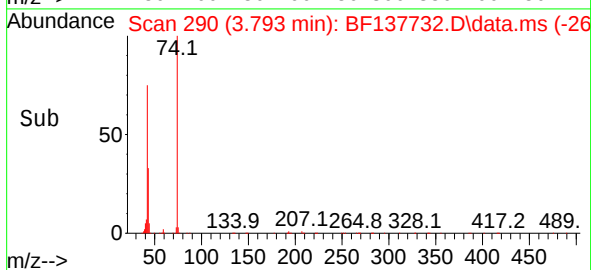
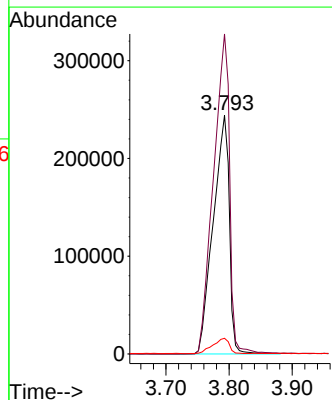
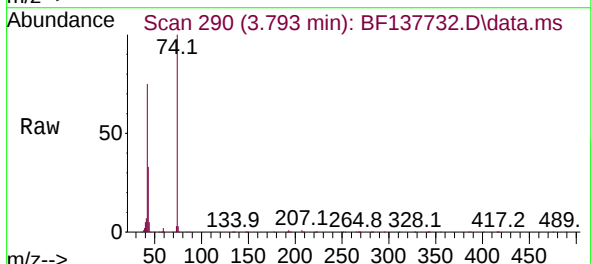
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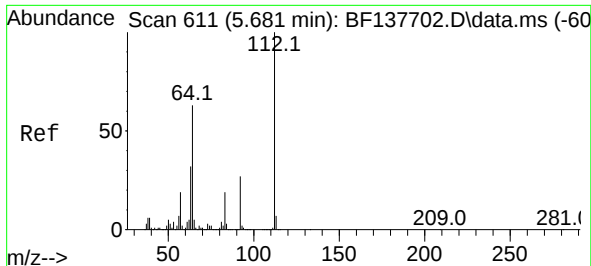
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#4
n-Nitrosodimethylamine
Concen: 40.101 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.071 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

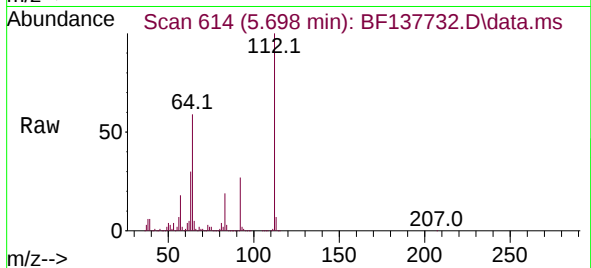
Tgt Ion: 42 Resp: 432435
Ion Ratio Lower Upper
42 100
74 134.0 103.4 155.2
44 6.6 5.5 8.3





#5
2-Fluorophenol
Concen: 119.296 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

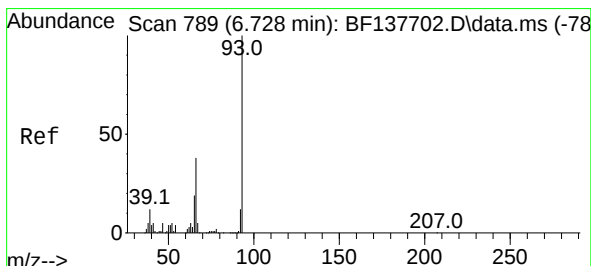
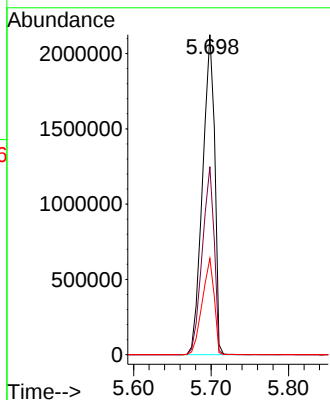
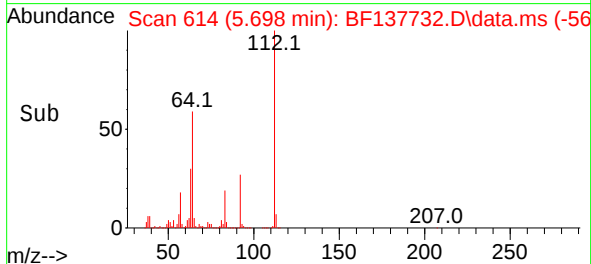
Instrument :
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Tgt Ion: 112 Resp: 231085
Ion Ratio Lower Upper
112 100
64 58.7 50.1 75.1
63 30.1 25.2 37.8

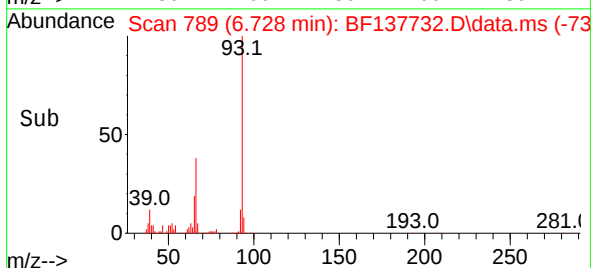
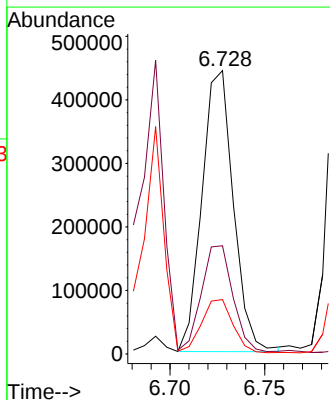
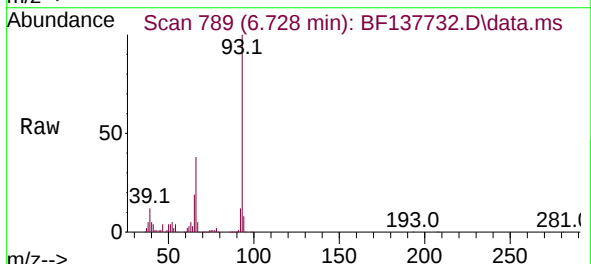
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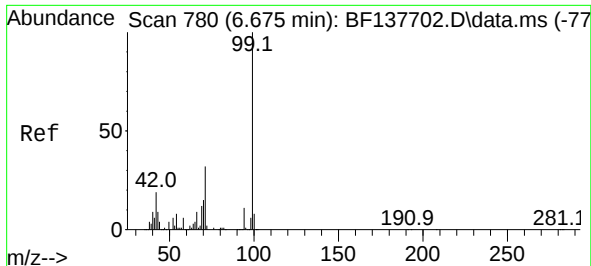
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#6
Aniline
Concen: 16.681 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

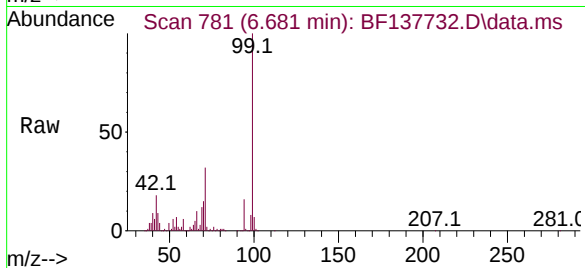
Tgt Ion: 93 Resp: 510712
Ion Ratio Lower Upper
93 100
66 38.2 32.1 48.1
65 19.2 16.4 24.6





#7
Phenol-d6
Concen: 117.926 ng
RT: 6.681 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

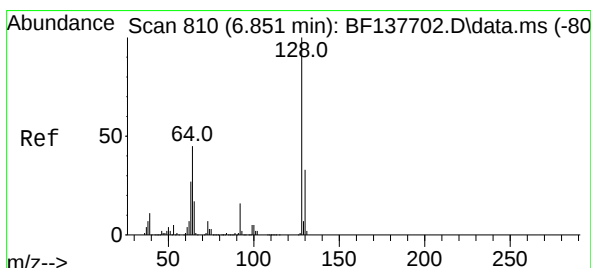
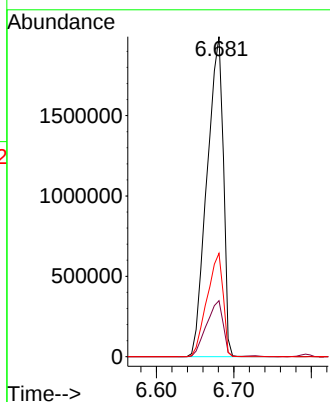
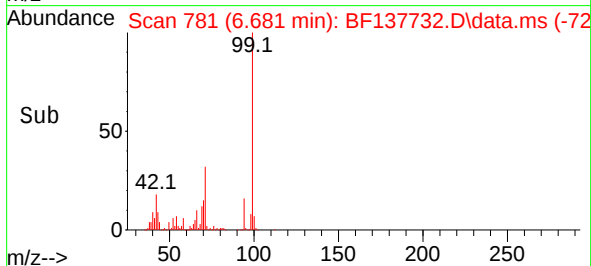
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Tgt Ion: 99 Resp: 2900839
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 32.3 25.7 38.5

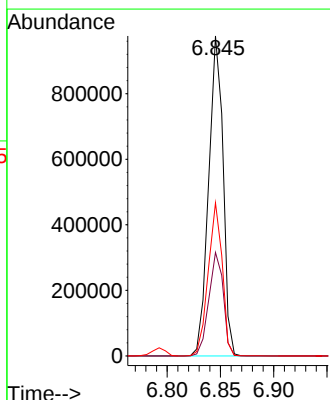
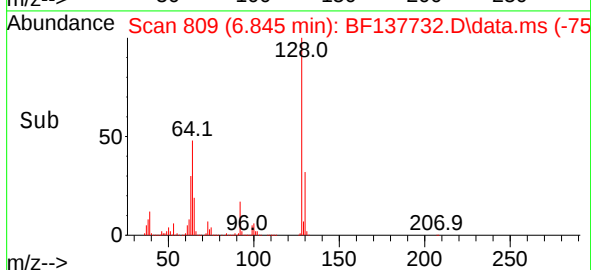
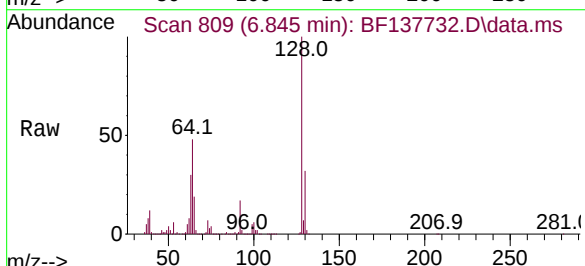
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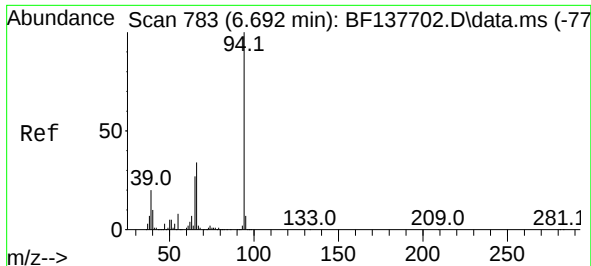
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#8
2-Chlorophenol
Concen: 45.595 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

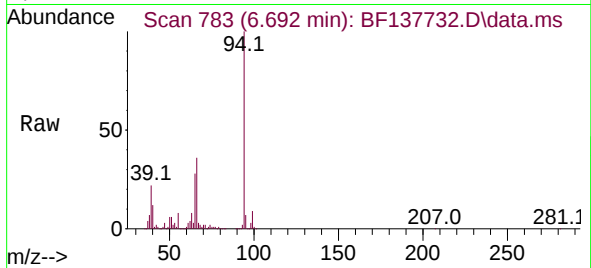
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Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 47.9 24.7 64.7





#10
Phenol
Concen: 43.843 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF137732.D
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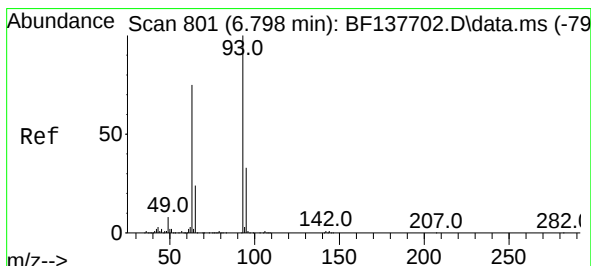
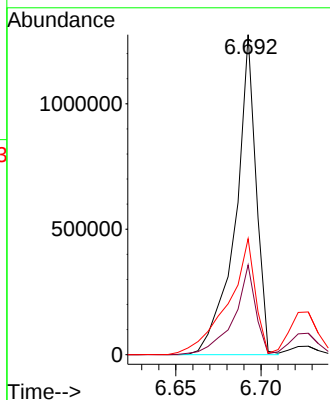
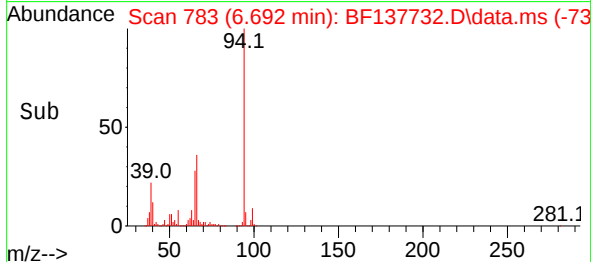
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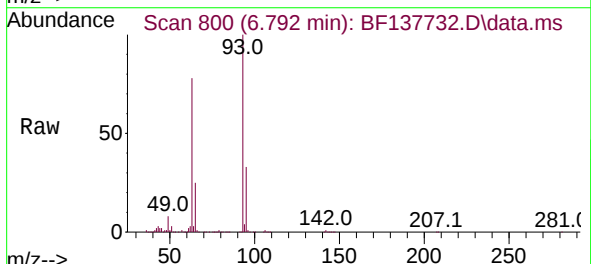
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Ion Ratio Lower Upper
94 100
65 28.1 6.5 46.5
66 36.3 13.9 53.9

Manual Integrations
APPROVED

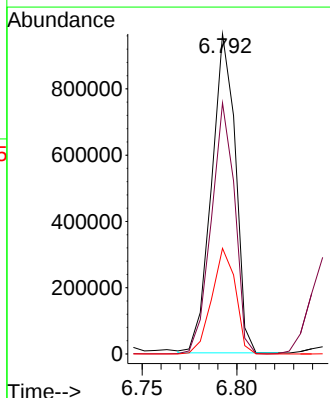
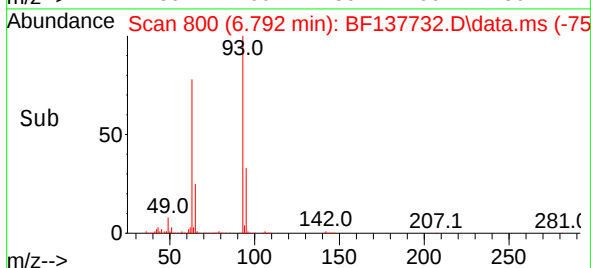
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

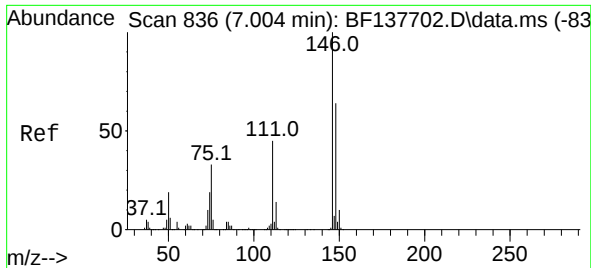


#11
bis(2-Chloroethyl)ether
Concen: 42.046 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



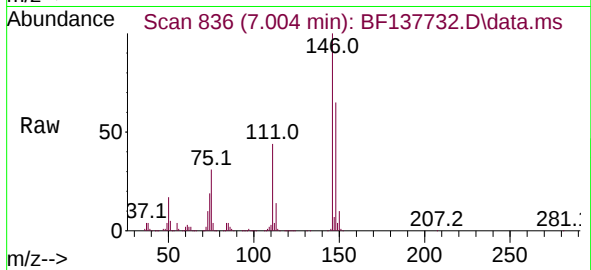
Tgt Ion: 93 Resp: 842787
Ion Ratio Lower Upper
93 100
63 78.4 54.8 94.8
95 33.0 13.2 53.2





#12
1,3-Dichlorobenzene
Concen: 44.079 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

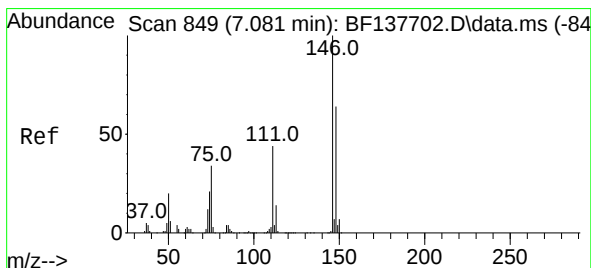
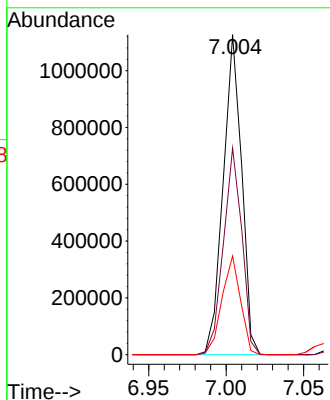
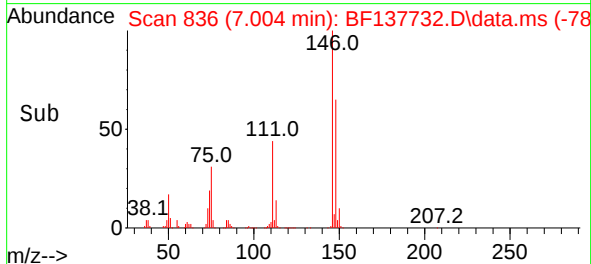
Instrument :
BNA_F
ClientSampleId :
PB160534BS



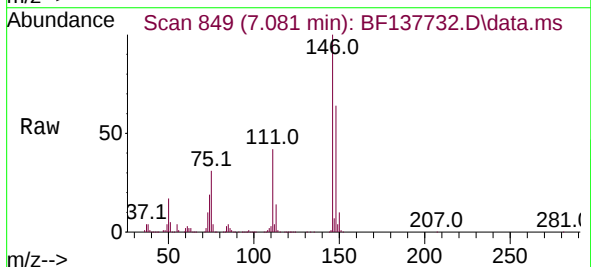
Tgt Ion:146 Resp: 934709
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
75 30.8 26.4 39.6

Manual Integrations
APPROVED

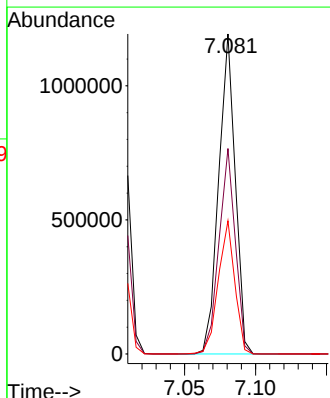
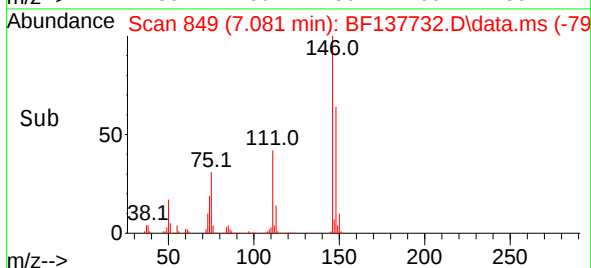
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

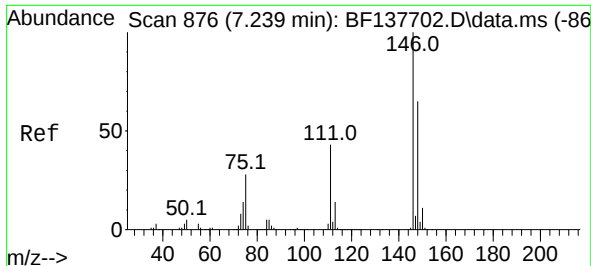


#13
1,4-Dichlorobenzene
Concen: 45.153 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion:146 Resp: 963977
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 41.6 35.0 52.6





#14

1,2-Dichlorobenzene

Concen: 46.455 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

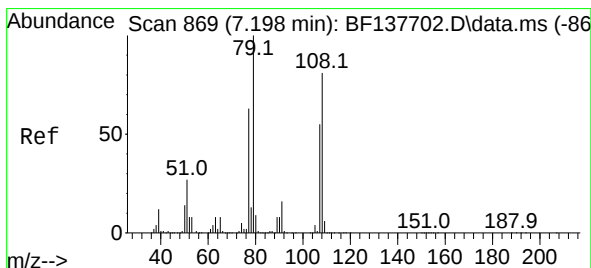
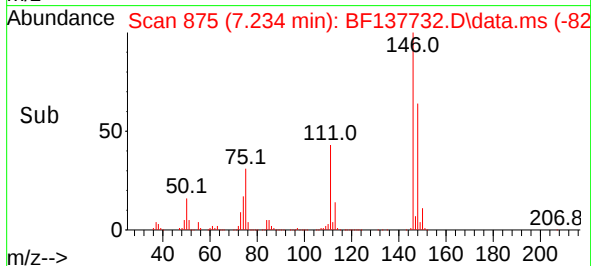
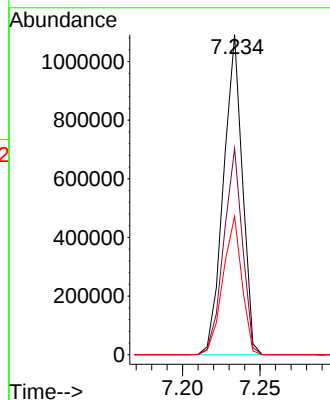
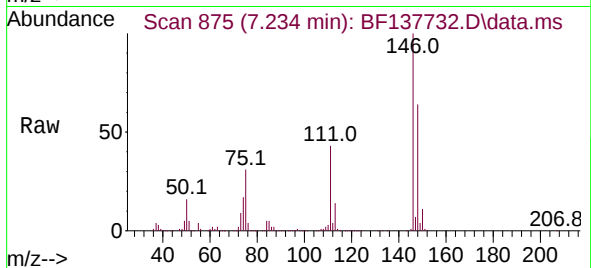
PB160534BS

Tgt Ion:146 Resp: 92316
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 43.2 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#15

Benzyl Alcohol

Concen: 42.023 ng

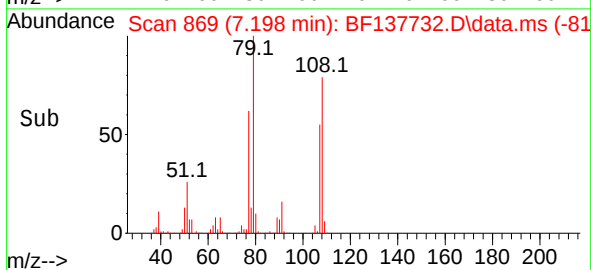
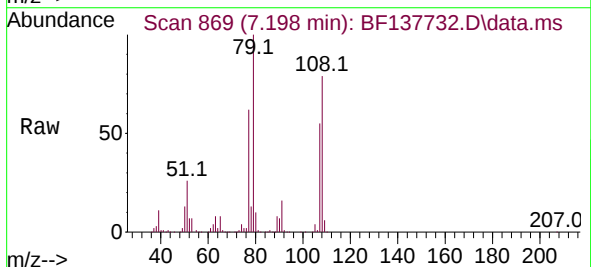
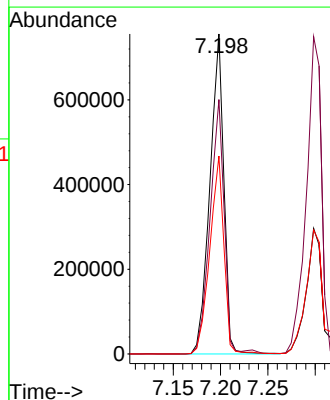
RT: 7.198 min Scan# 869

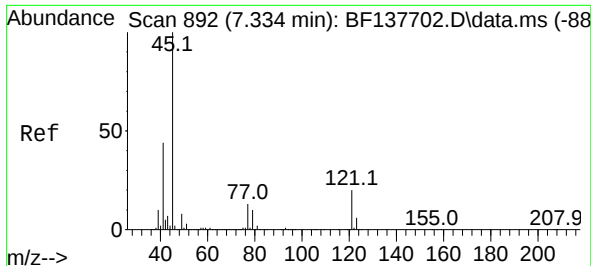
Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Tgt Ion: 79 Resp: 773290
 Ion Ratio Lower Upper
 79 100
 108 79.5 64.8 97.2
 77 61.9 50.3 75.5





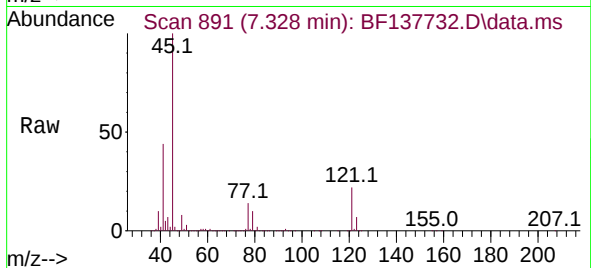
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.558 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

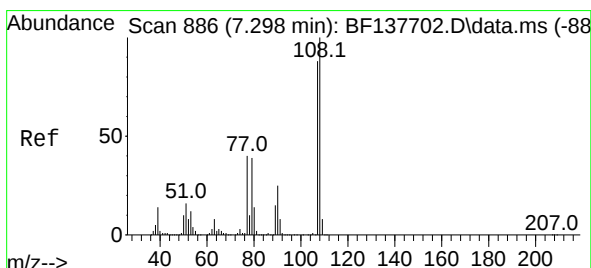
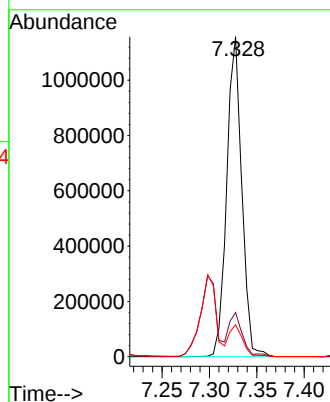
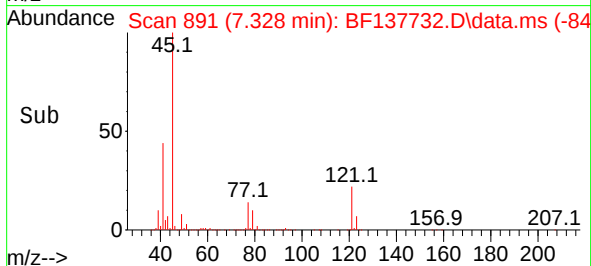


Tgt Ion: 45 Resp: 1281058
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 9.9 0.0 30.1

Manual Integrations

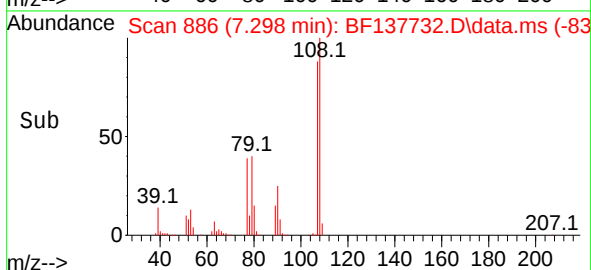
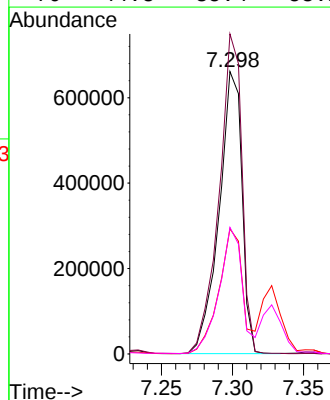
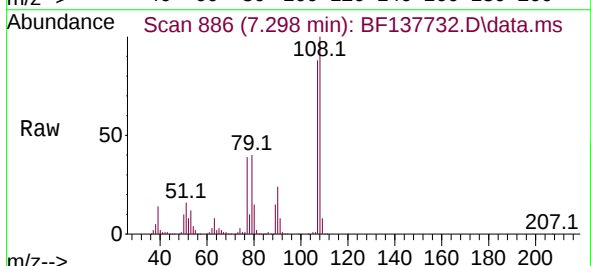
APPROVED

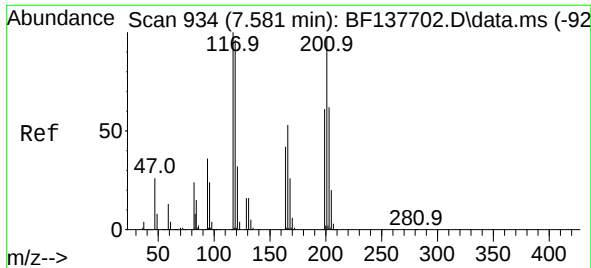
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#17
2-Methylphenol
Concen: 41.079 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

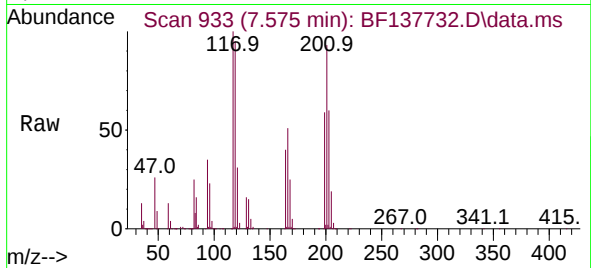
Tgt Ion:107 Resp: 738001
Ion Ratio Lower Upper
107 100
108 113.3 90.6 135.8
77 44.3 35.8 53.8
79 44.8 35.4 53.2





#18
Hexachloroethane
Concen: 44.769 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

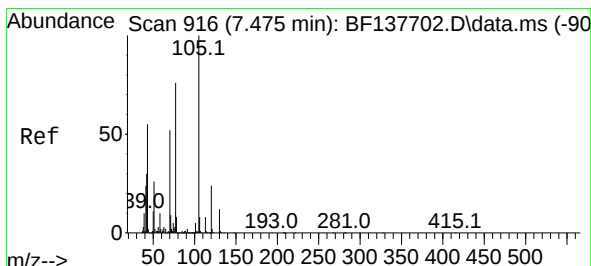
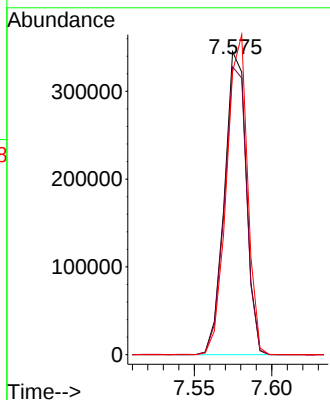
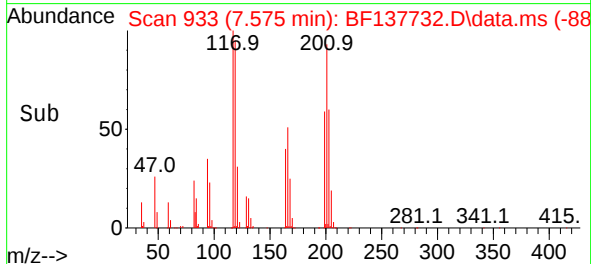
Instrument :
BNA_F
ClientSampleId :
PB160534BS



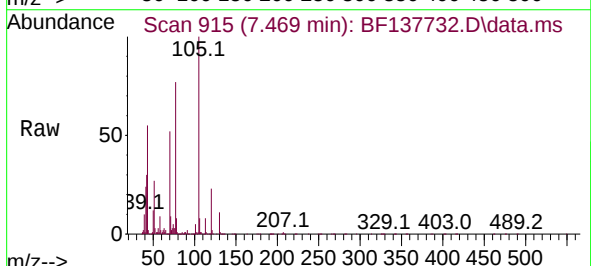
Tgt Ion:117 Resp: 338260
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 93.4 78.1 117.1

Manual Integrations
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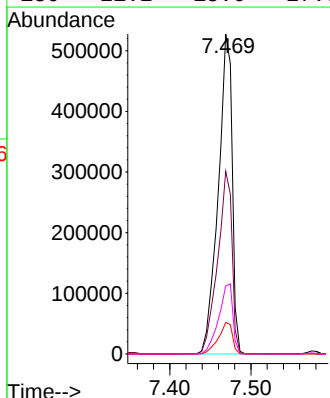
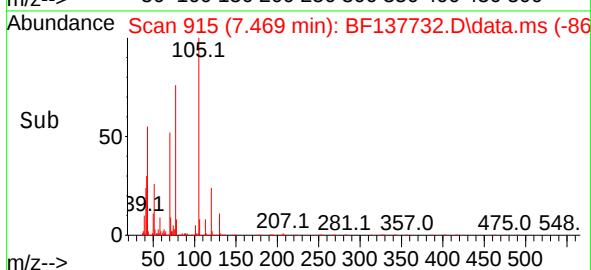
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

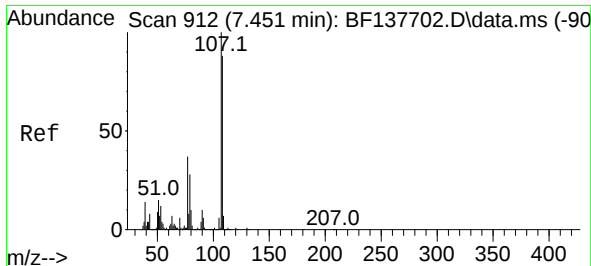


#19
n-Nitroso-di-n-propylamine
Concen: 39.882 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion: 70 Resp: 634389
Ion Ratio Lower Upper
70 100
42 57.1 45.9 68.9
101 9.9 8.0 12.0
130 21.2 18.0 27.0





#20

3+4-Methylphenols

Concen: 40.389 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137732.D

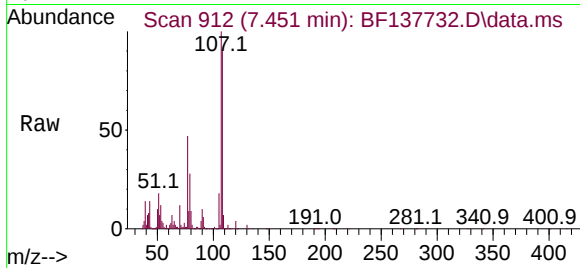
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS



Tgt Ion:107 Resp: 937174

Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 46.7 16.8 56.8

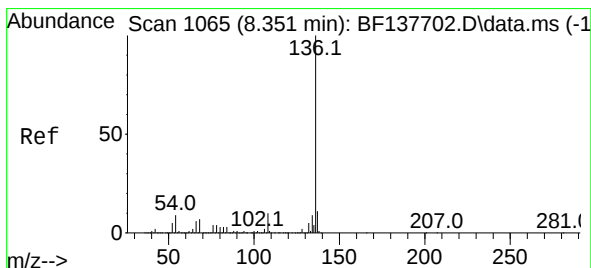
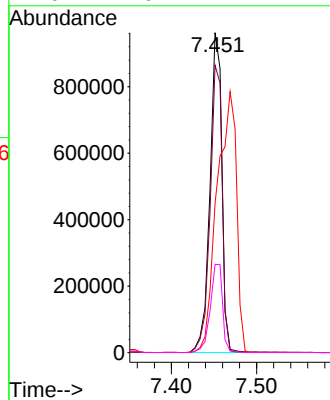
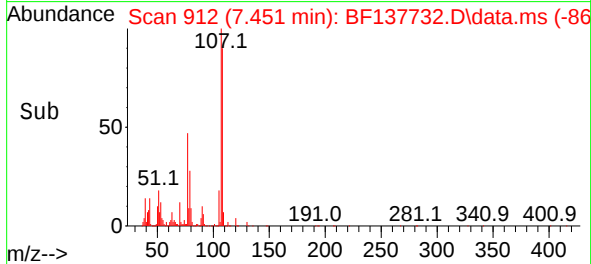
79 27.6 7.7 47.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Tgt Ion:136 Resp: 1184568

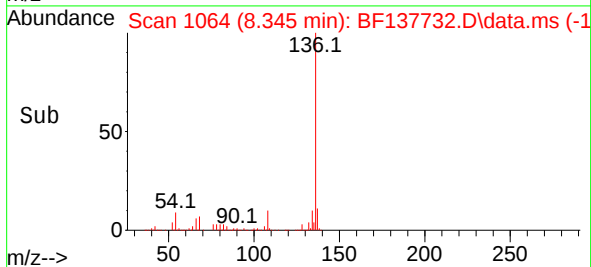
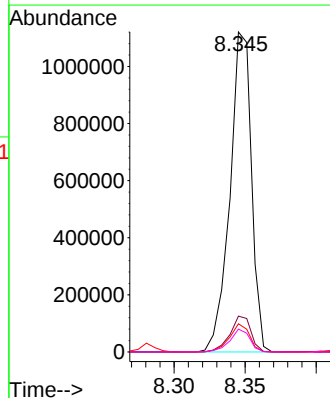
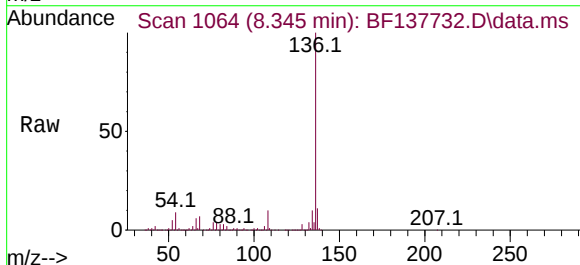
Ion Ratio Lower Upper

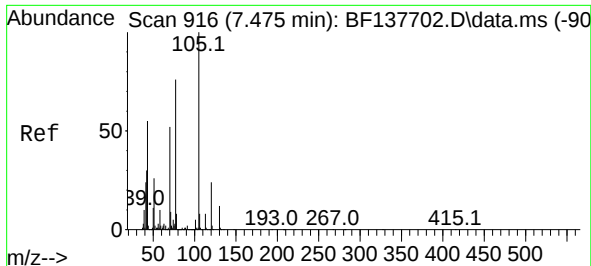
136 100

137 11.2 8.8 13.2

54 8.8 6.9 10.3

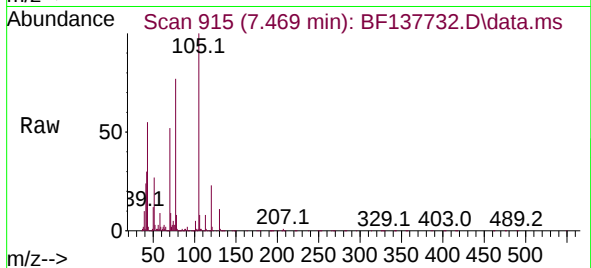
68 7.1 5.4 8.0





#22
Acetophenone
Concen: 42.881 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

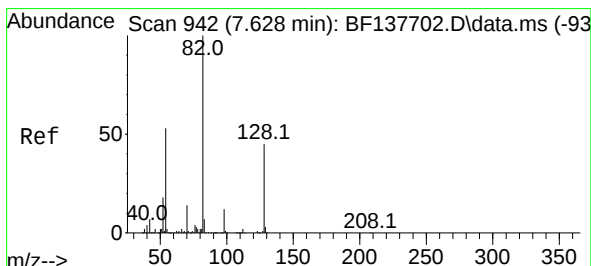
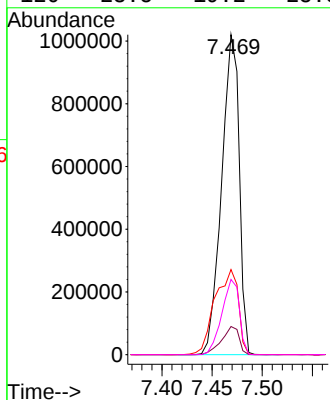
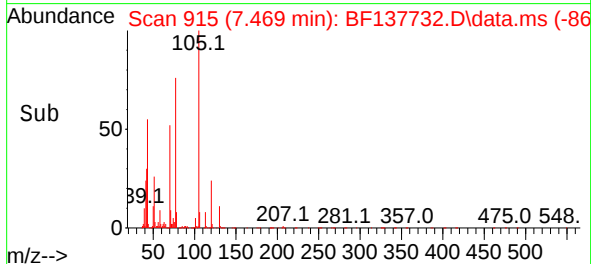
Instrument :
BNA_F
ClientSampleId :
PB160534BS



Tgt Ion:105 Resp: 124238
Ion Ratio Lower Upper
105 100
71 8.8 7.0 10.6
51 26.6 20.5 30.7
120 23.5 19.2 28.8

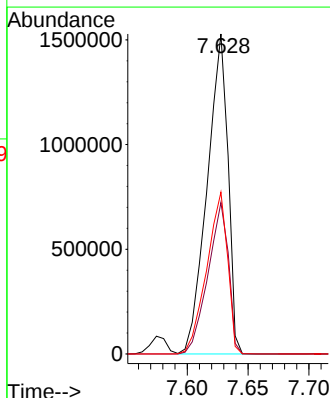
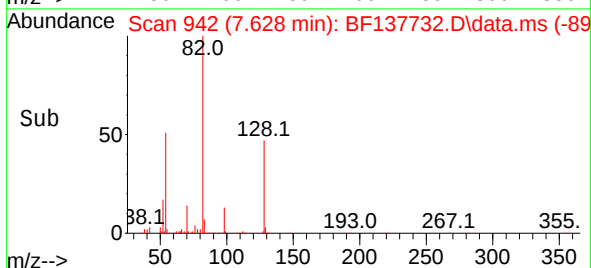
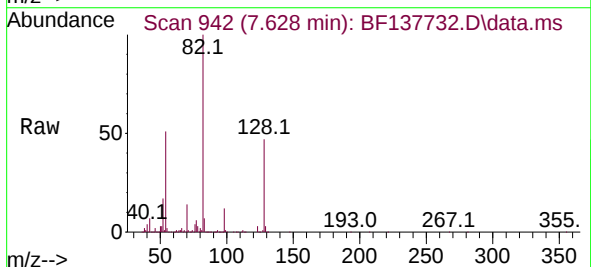
Manual Integrations
APPROVED

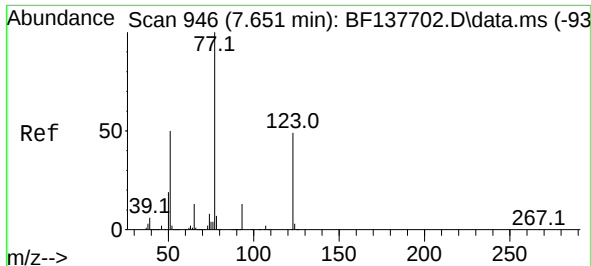
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#23
Nitrobenzene-d5
Concen: 81.039 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion: 82 Resp: 1808410
Ion Ratio Lower Upper
82 100
128 47.3 35.8 53.6
54 50.6 42.5 63.7





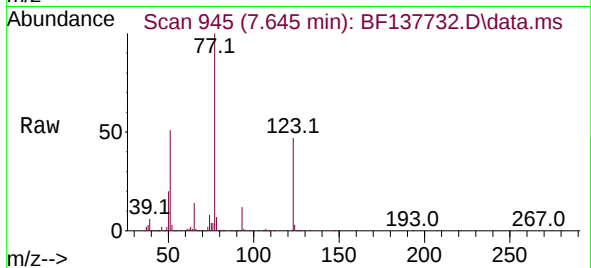
#24
Nitrobenzene
Concen: 41.925 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

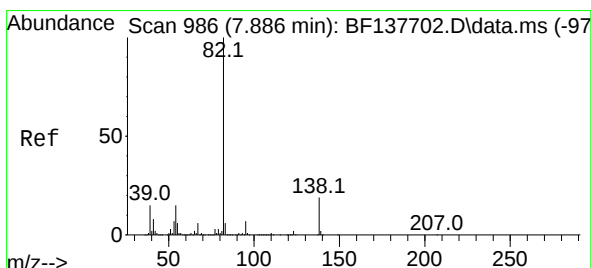
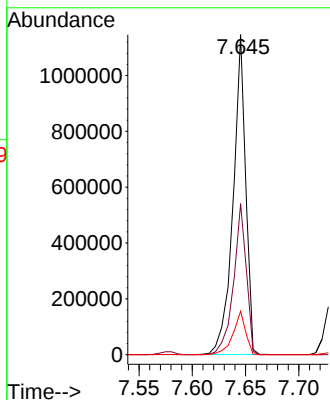
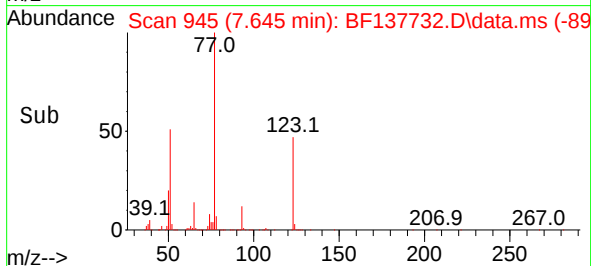


Tgt Ion: 77 Resp: 945209
Ion Ratio Lower Upper
77 100
123 47.2 40.4 60.6
65 13.6 10.7 16.1

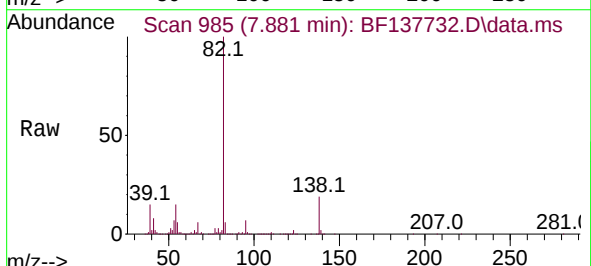
Manual Integrations

APPROVED

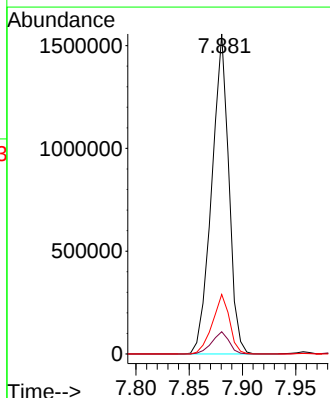
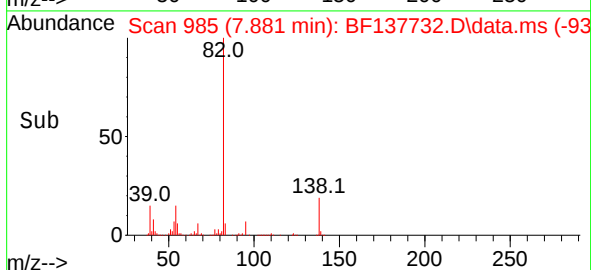
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

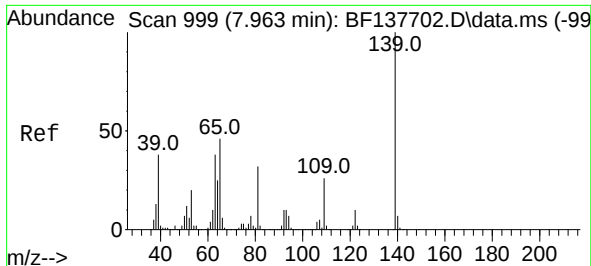


#25
Isophorone
Concen: 41.920 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion: 82 Resp: 1737346
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.6 15.3 22.9





#26
2-Nitrophenol
Concen: 48.711 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

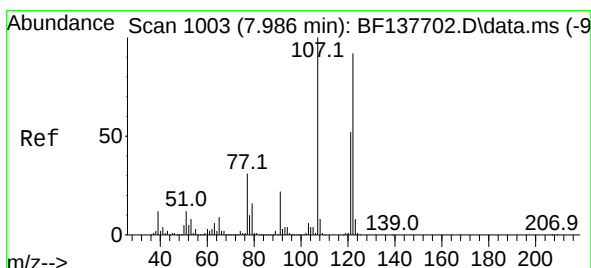
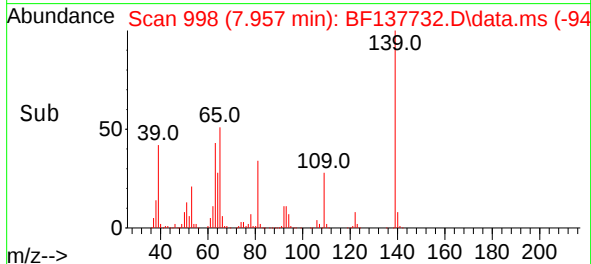
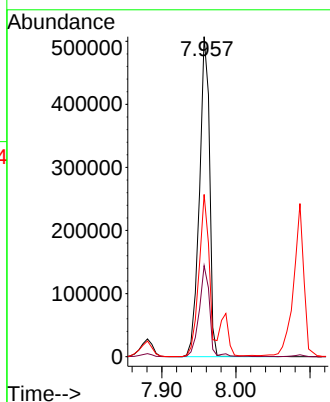
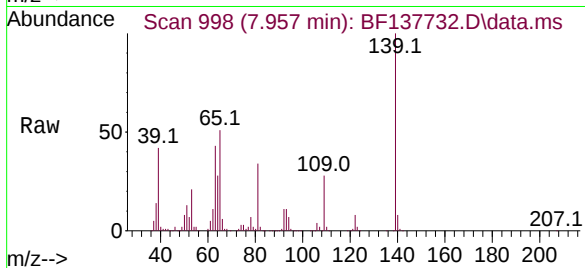
PB160534BS

Tgt Ion:139 Resp: 48193
Ion Ratio Lower Upper
139 100
109 28.5 21.1 31.7
65 50.7 37.1 55.7

Manual Integrations

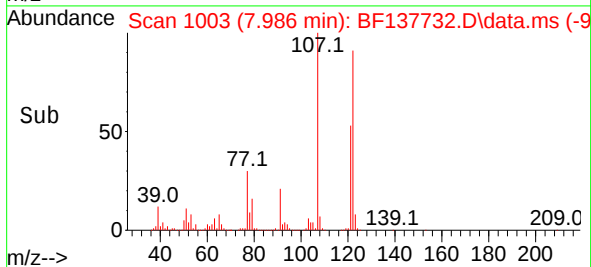
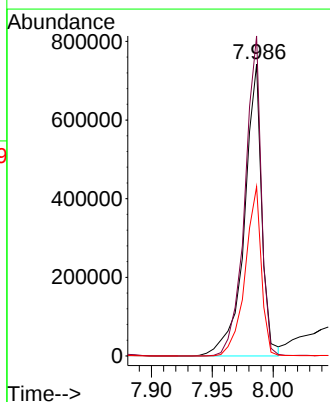
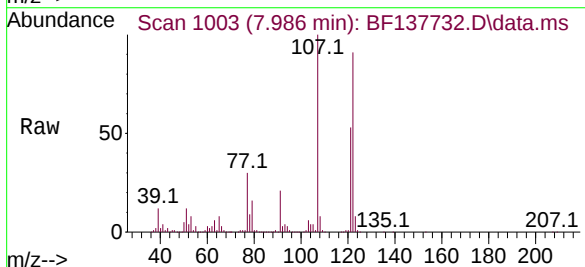
APPROVED

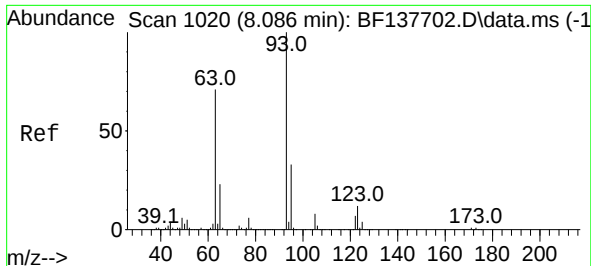
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#27
2,4-Dimethylphenol
Concen: 36.884 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:122 Resp: 736230
Ion Ratio Lower Upper
122 100
107 109.7 87.2 130.8
121 58.1 45.2 67.8





#28
bis(2-Chloroethoxy)methane
Concen: 41.066 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

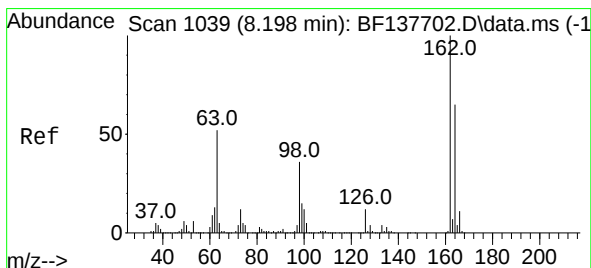
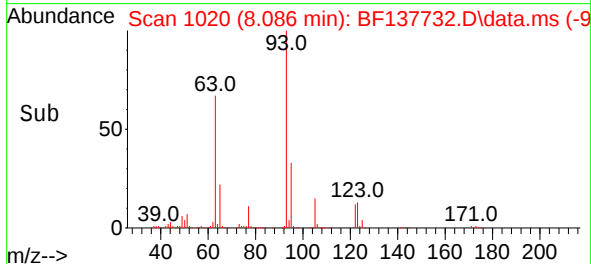
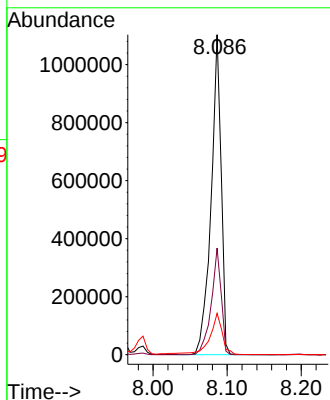
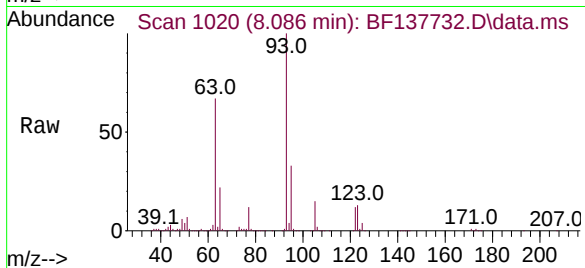
PB160534BS

Tgt Ion: 93 Resp: 103954
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 12.9 9.8 14.8

Manual Integrations

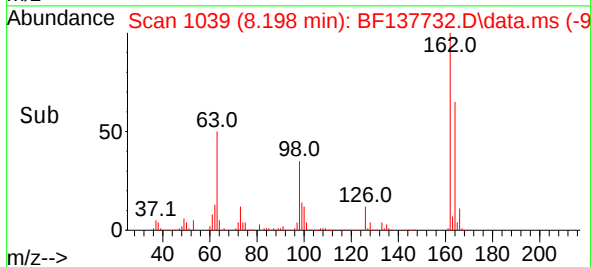
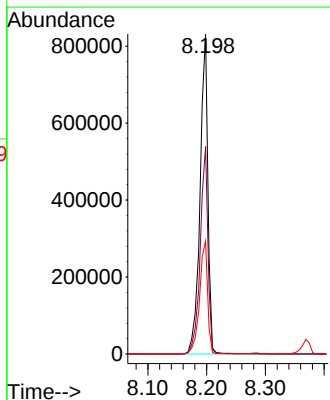
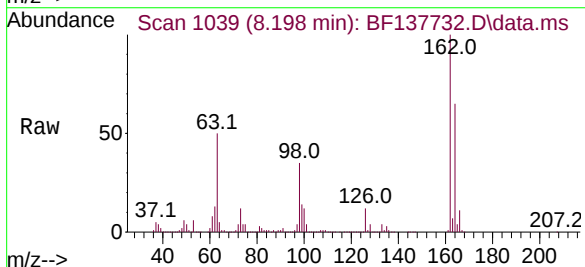
APPROVED

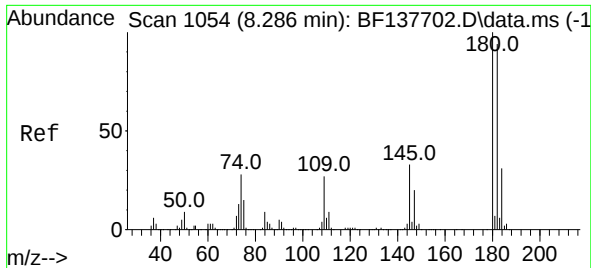
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#29
2,4-Dichlorophenol
Concen: 44.141 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:162 Resp: 772178
Ion Ratio Lower Upper
162 100
164 64.8 45.2 85.2
98 35.2 15.7 55.7





#30

1,2,4-Trichlorobenzene

Concen: 44.512 ng

RT: 8.286 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:180 Resp: 793680

Ion Ratio Lower Upper

180 100

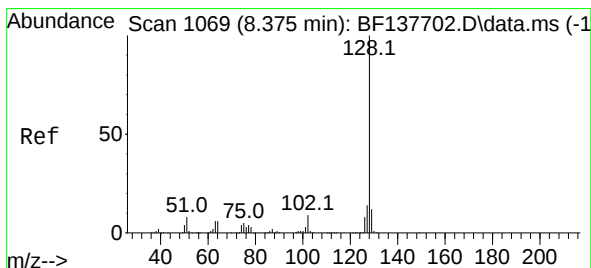
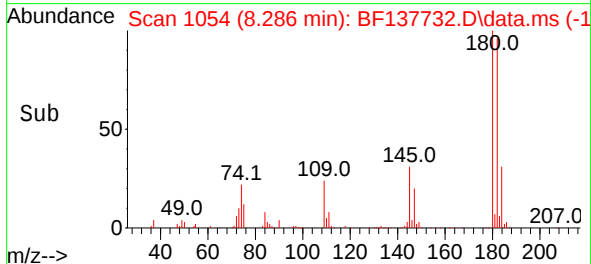
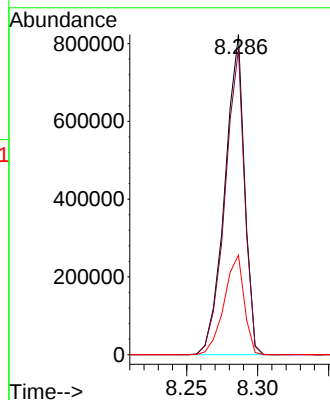
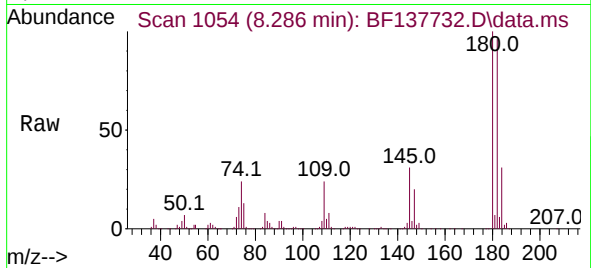
182 95.5 75.4 113.2

145 31.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#31

Naphthalene

Concen: 43.085 ng

RT: 8.369 min Scan# 1068

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

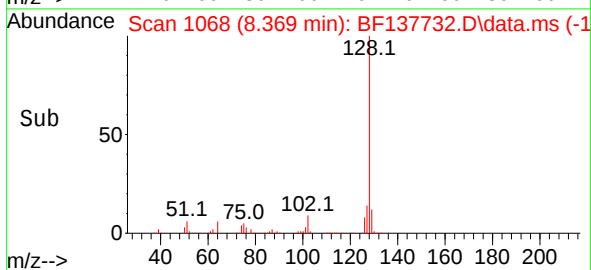
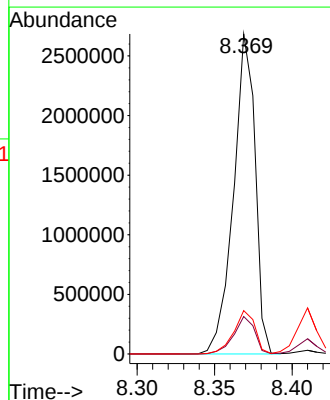
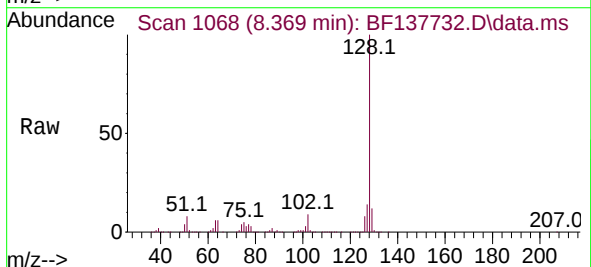
Tgt Ion:128 Resp: 2604408

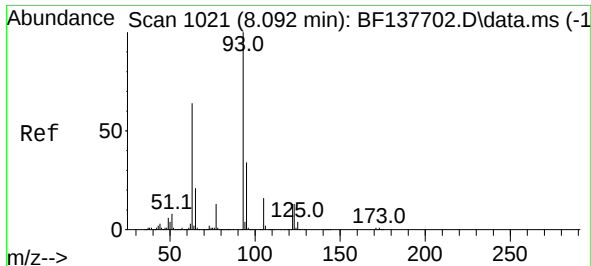
Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

127 13.5 11.0 16.6





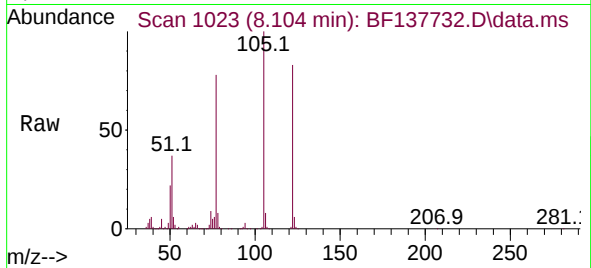
#32
Benzoic acid
Concen: 47.398 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

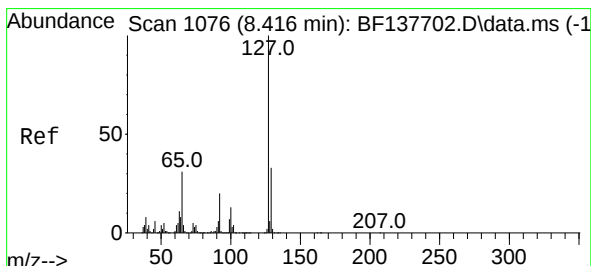
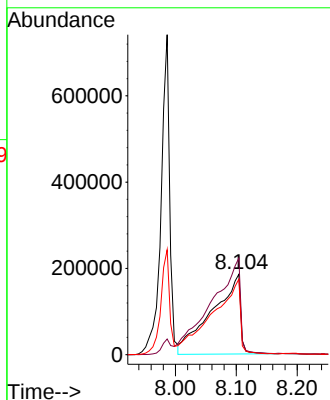
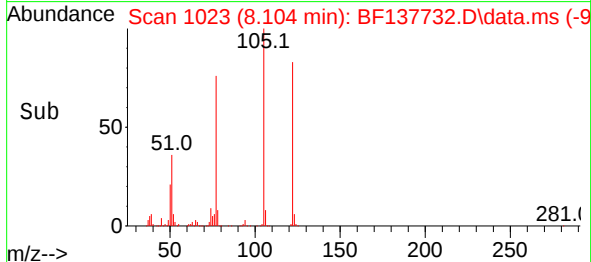


Tgt Ion:122 Resp: 599048
Ion Ratio Lower Upper
122 100
105 120.2 101.1 141.1
77 94.1 75.7 115.7

Manual Integrations

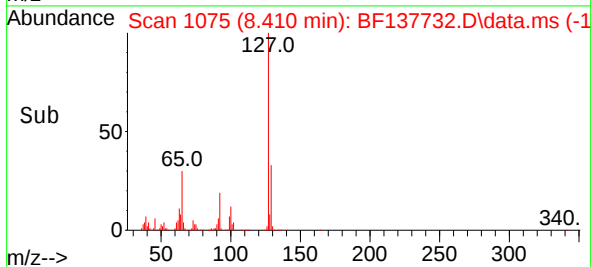
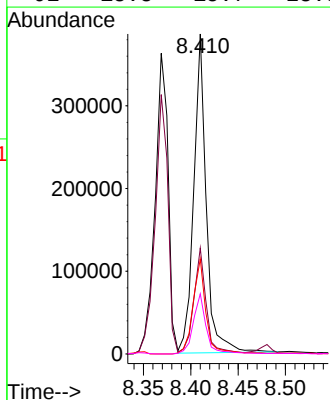
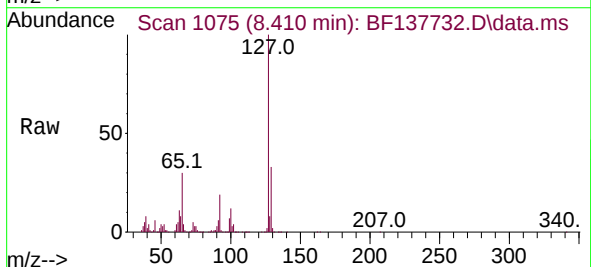
APPROVED

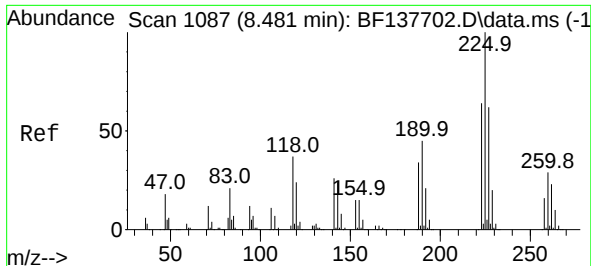
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#33
4-Chloroaniline
Concen: 13.929 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:127 Resp: 356379
Ion Ratio Lower Upper
127 100
129 33.1 26.4 39.6
65 29.7 24.6 36.8
92 18.8 15.7 23.5





#34
Hexachlorobutadiene
Concen: 44.093 ng
RT: 8.481 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

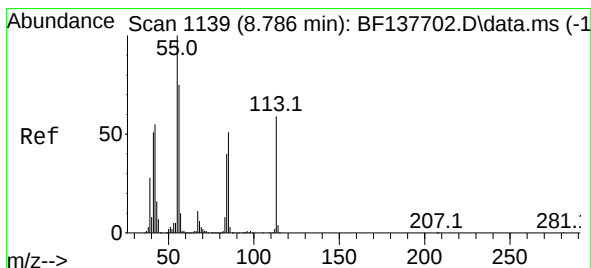
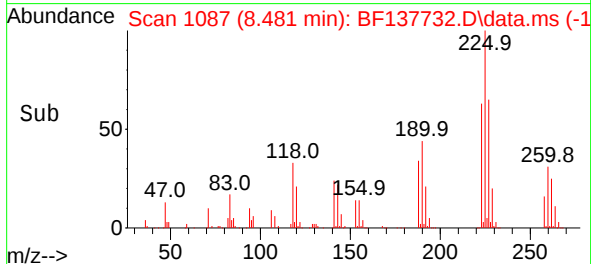
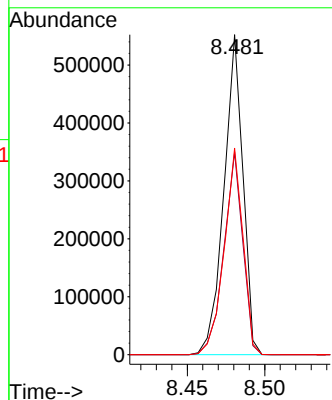
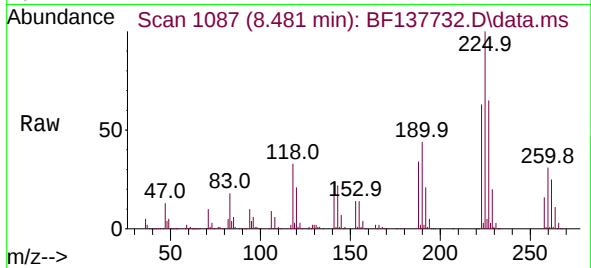
ClientSampleId :

PB160534BS

Tgt Ion:225 Resp: 47133
Ion Ratio Lower Upper
225 100
223 63.2 51.4 77.0
227 64.6 49.4 74.2

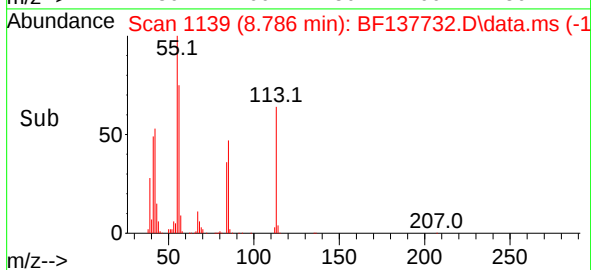
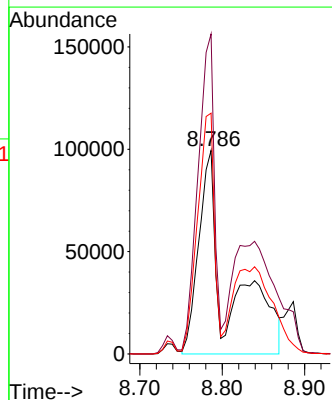
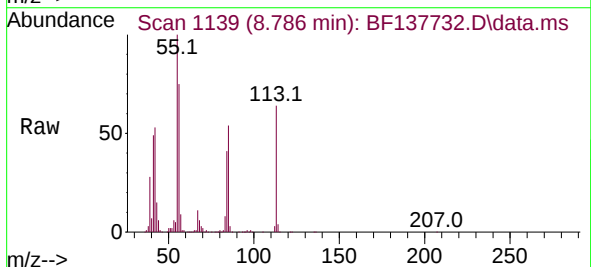
Manual Integrations
APPROVED

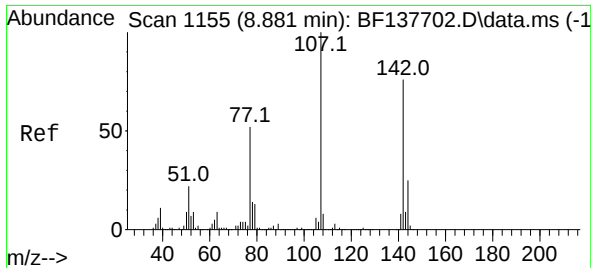
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#35
Caprolactam
Concen: 43.245 ng m
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:113 Resp: 244584
Ion Ratio Lower Upper
113 100
55 157.3 148.7 188.7
56 118.4 107.2 147.2





#36
4-Chloro-3-methylphenol
Concen: 42.916 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

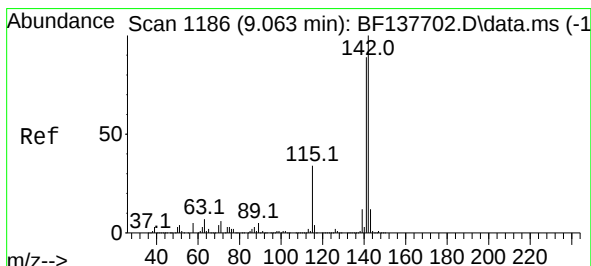
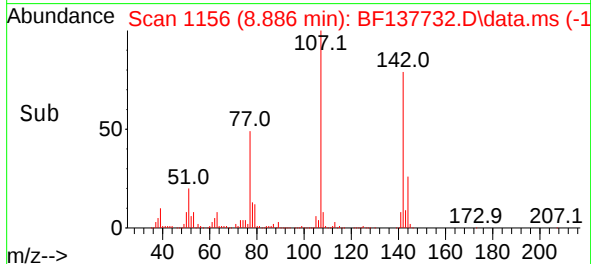
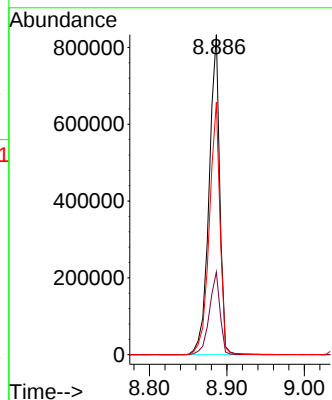
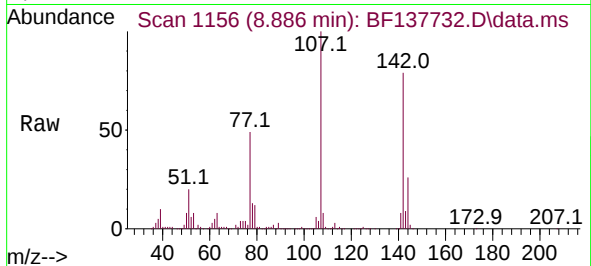
PB160534BS

Tgt Ion:107 Resp: 796272
Ion Ratio Lower Upper
107 100
144 25.9 19.8 29.8
142 78.8 60.5 90.7

Manual Integrations

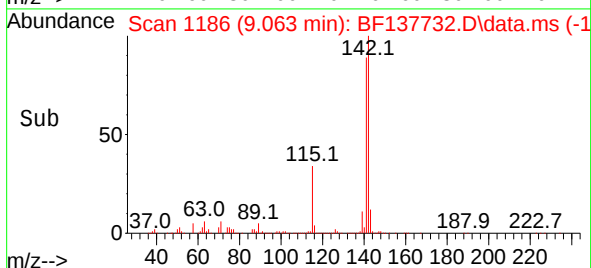
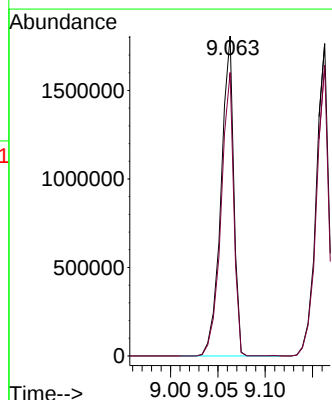
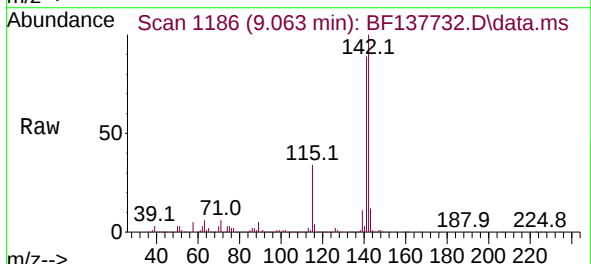
APPROVED

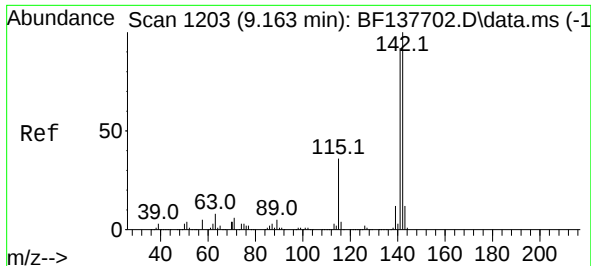
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#37
2-Methylnaphthalene
Concen: 40.721 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:142 Resp: 1689481
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8





#38

1-Methylnaphthalene

Concen: 40.960 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:142 Resp: 1588880

Ion Ratio Lower Upper

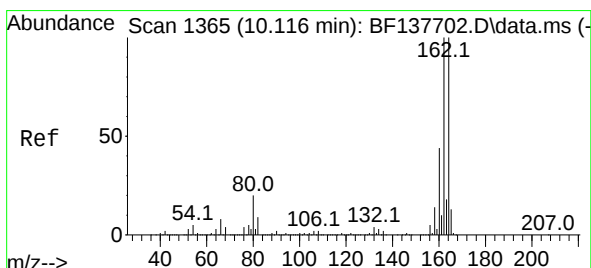
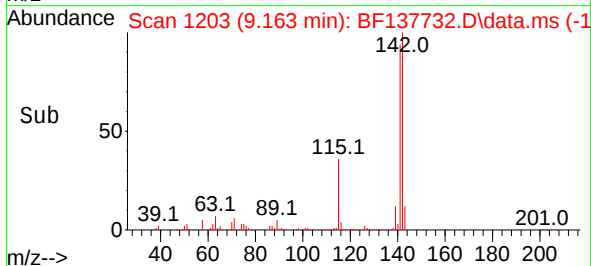
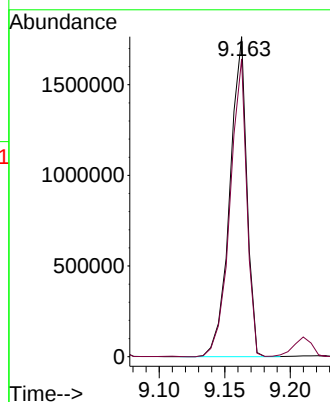
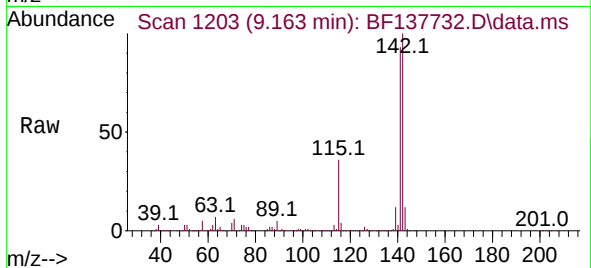
142 100

141 93.0 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

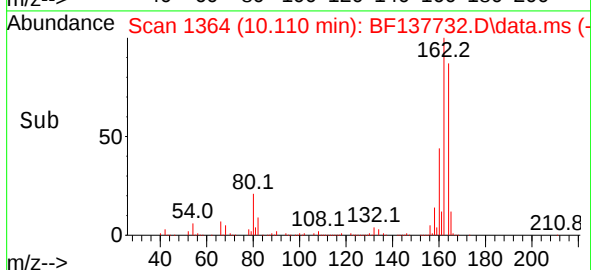
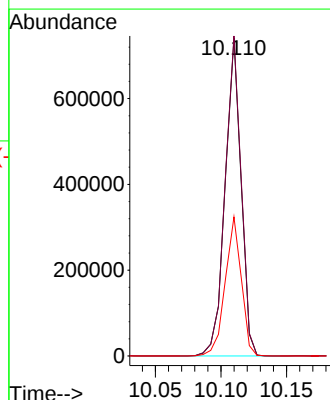
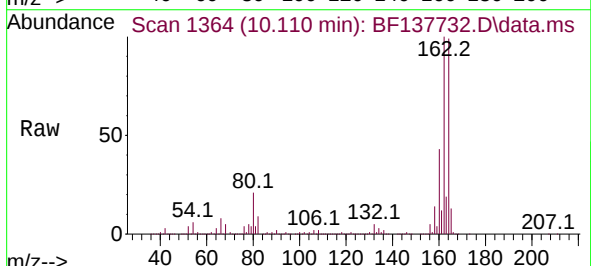
Tgt Ion:164 Resp: 625679

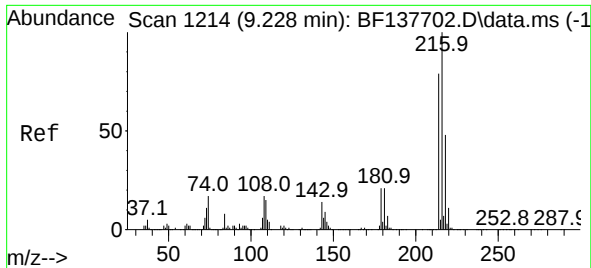
Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

160 43.8 35.0 52.4





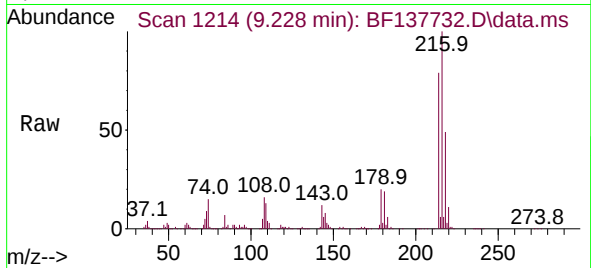
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.276 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

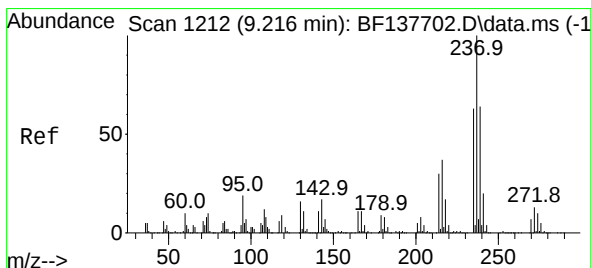
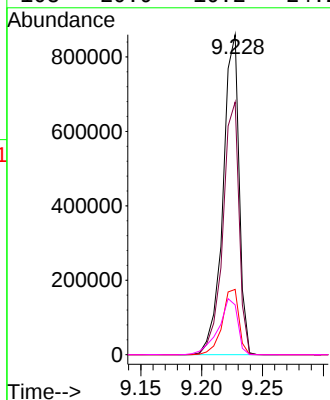
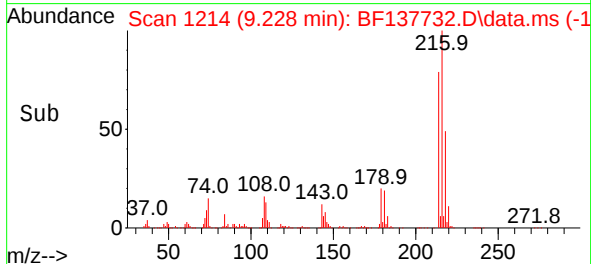


Tgt Ion:216 Resp: 793786
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.1 17.1 25.7
108 20.9 16.2 24.2

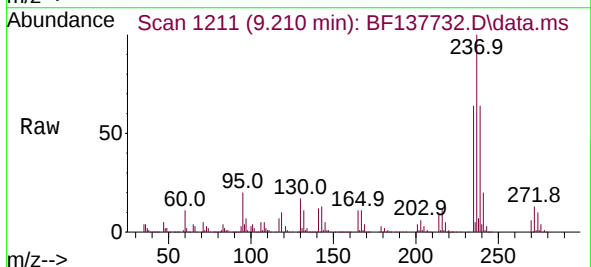
Manual Integrations

APPROVED

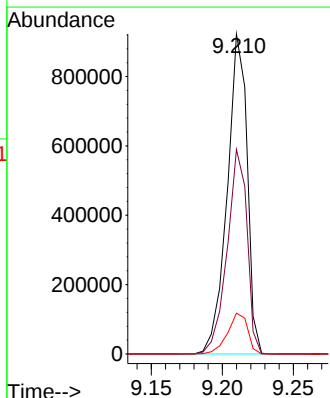
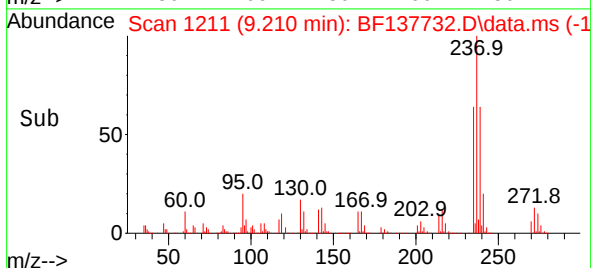
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

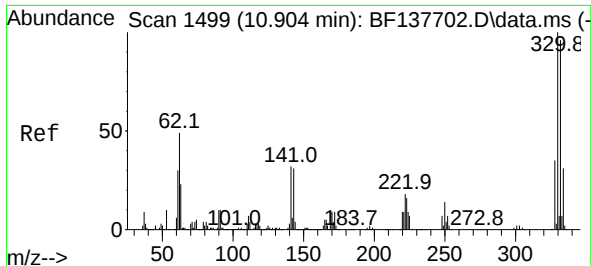


#41
Hexachlorocyclopentadiene
Concen: 93.849 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion:237 Resp: 901998
Ion Ratio Lower Upper
237 100
235 63.9 42.9 82.9
272 12.8 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 133.414 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

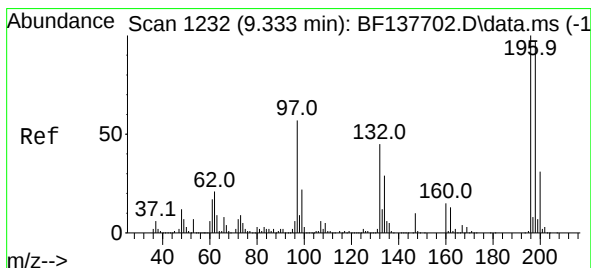
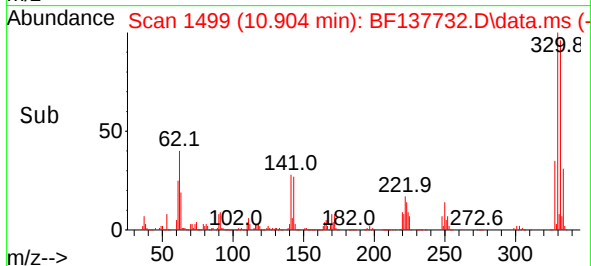
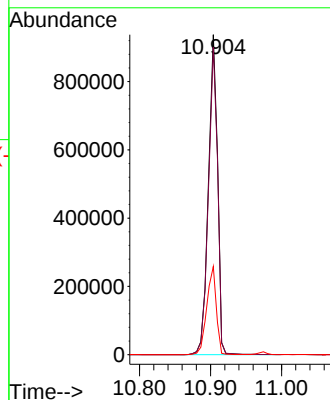
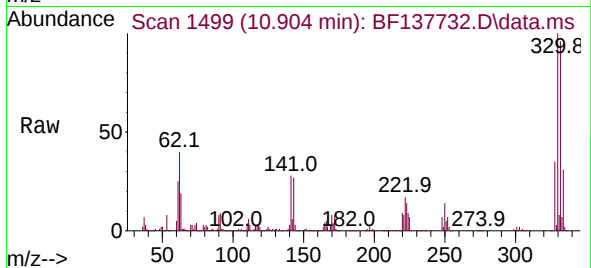
PB160534BS

Tgt Ion:330 Resp: 84232
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 28.9 27.0 40.4

Manual Integrations

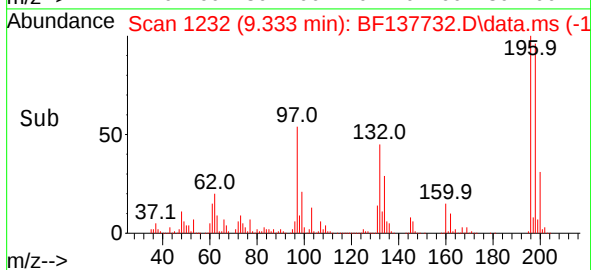
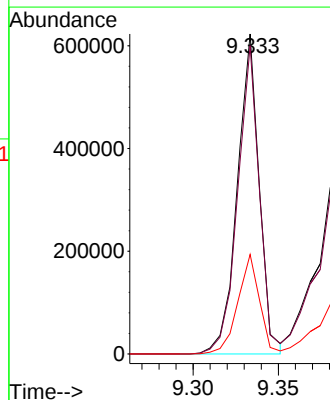
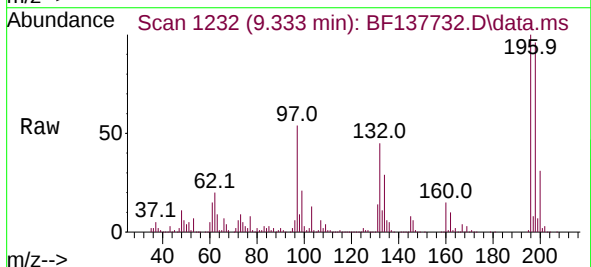
APPROVED

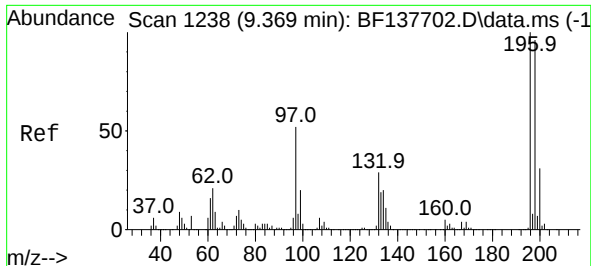
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#43
2,4,6-Trichlorophenol
Concen: 46.067 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:196 Resp: 554346
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.6
200 31.1 25.0 37.4





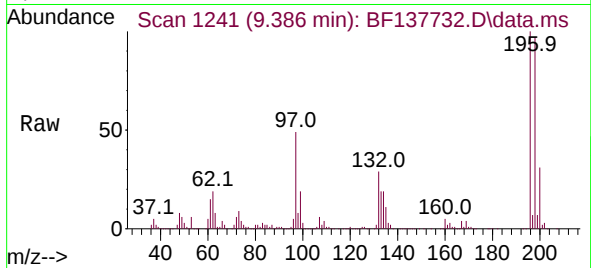
#44
2,4,5-Trichlorophenol
Concen: 42.218 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.017 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

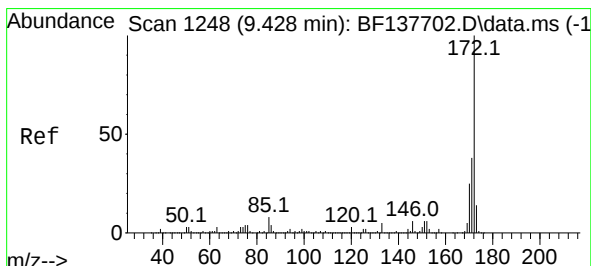
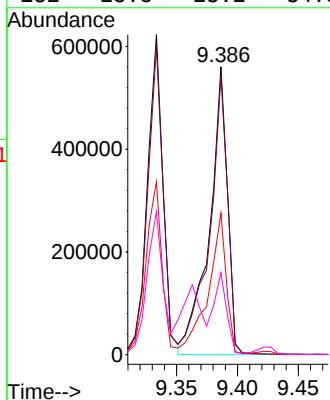
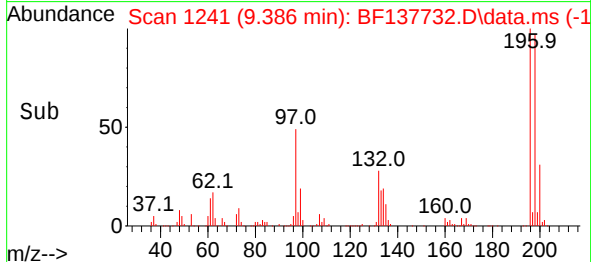


Tgt Ion:196 Resp: 58221
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
97 49.2 41.8 62.8
132 28.5 23.2 34.8

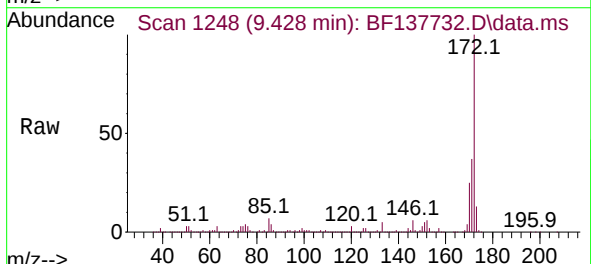
Manual Integrations

APPROVED

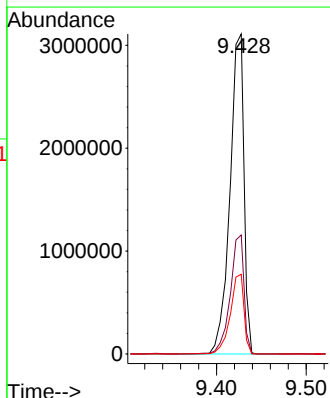
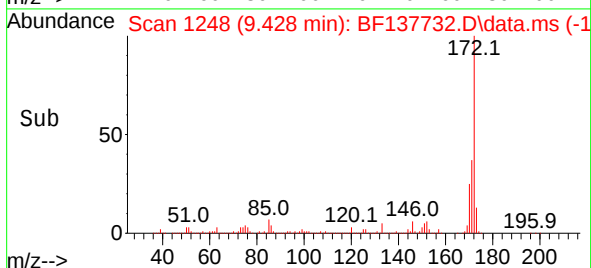
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

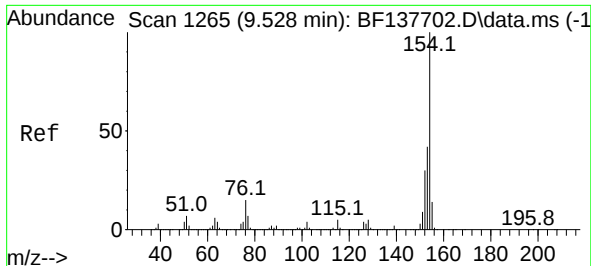


#45
2-Fluorobiphenyl
Concen: 80.645 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion:172 Resp: 3376896
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.4
170 24.9 20.2 30.4





#46

1,1'-Biphenyl

Concen: 44.664 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:154 Resp: 2032963

Ion Ratio Lower Upper

154 100

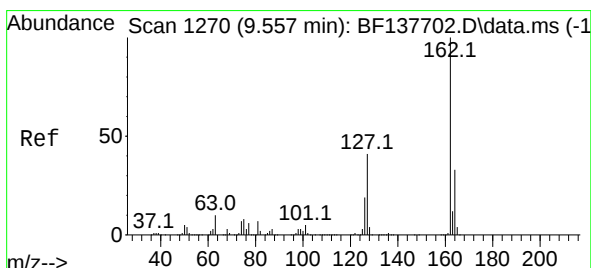
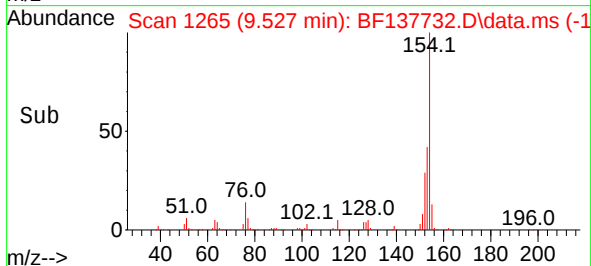
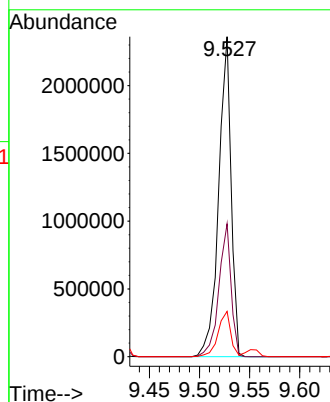
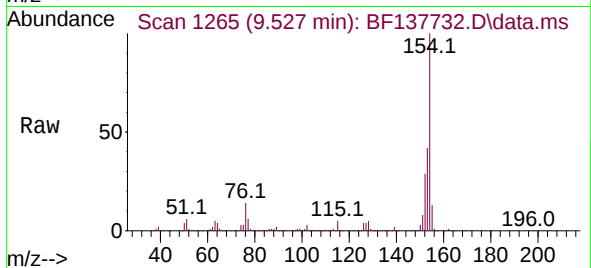
153 41.6 21.9 61.9

76 14.2 0.0 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#47

2-Chloronaphthalene

Concen: 46.227 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

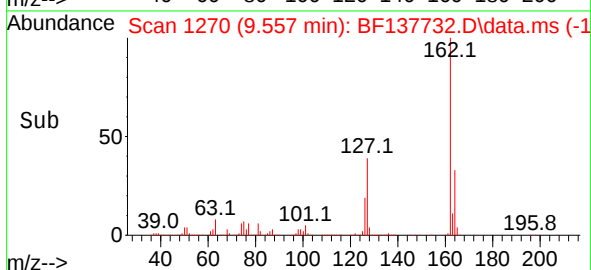
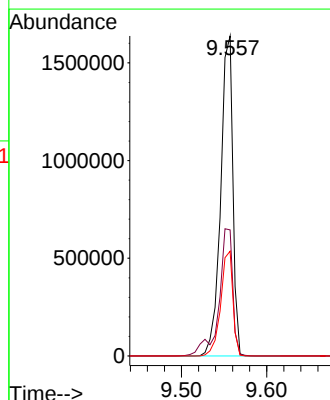
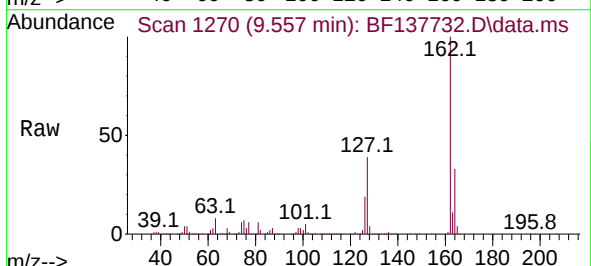
Tgt Ion:162 Resp: 1621983

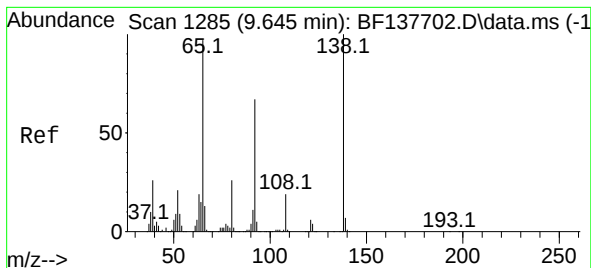
Ion Ratio Lower Upper

162 100

127 39.4 33.1 49.7

164 32.7 26.5 39.7





#48

2-Nitroaniline

Concen: 46.387 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion: 65 Resp: 495960

Ion Ratio Lower Upper

65 100

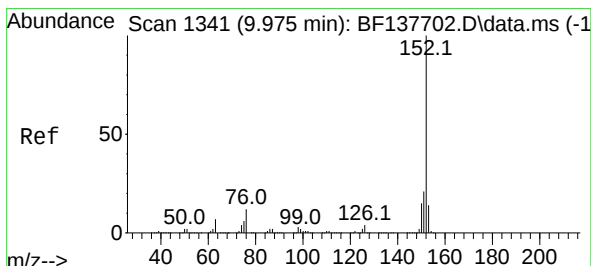
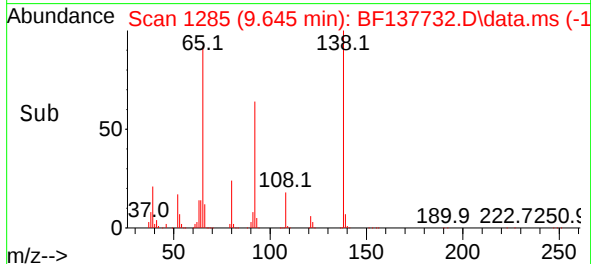
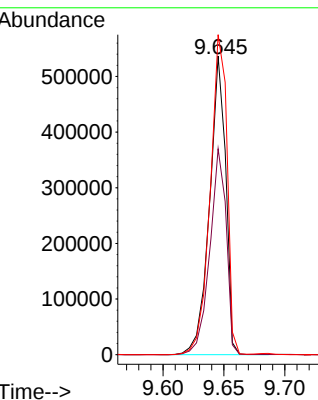
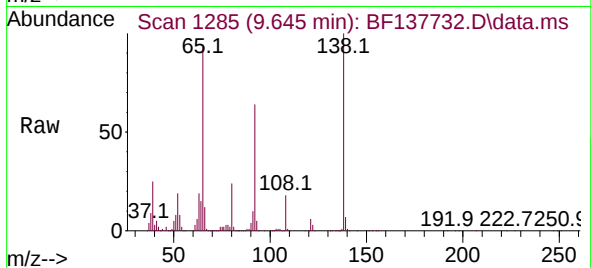
92 68.9 54.9 82.3

138 107.1 82.4 123.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#49

Acenaphthylene

Concen: 45.709 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

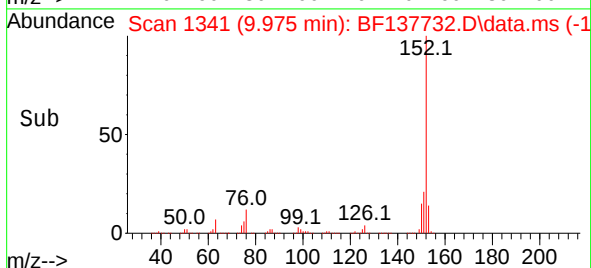
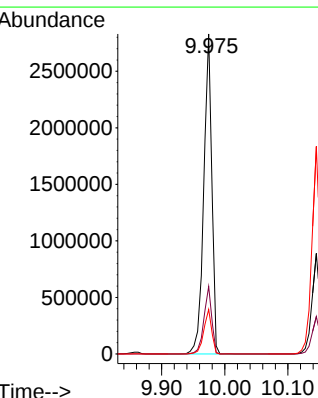
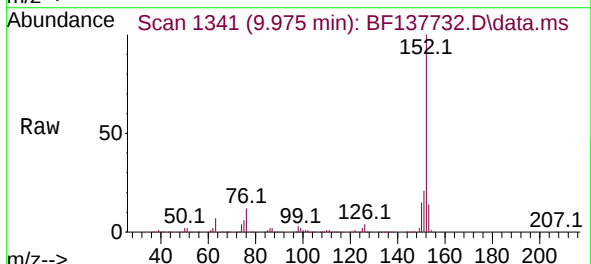
Tgt Ion:152 Resp: 2501050

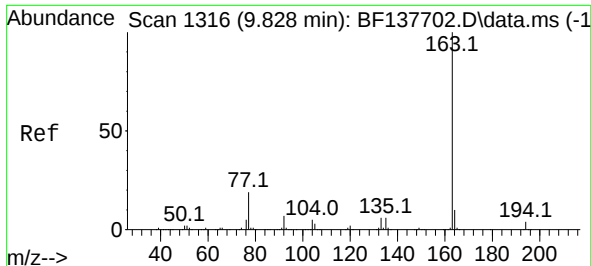
Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 13.9 11.0 16.4





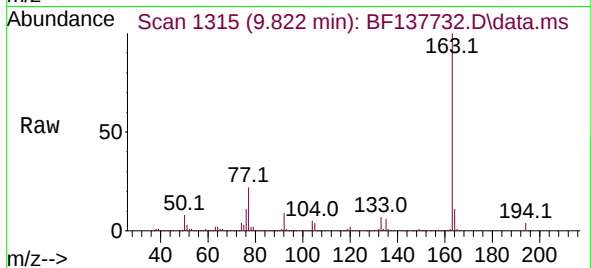
#50
Dimethylphthalate
Concen: 43.434 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

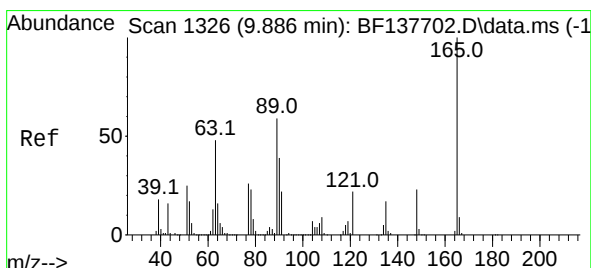
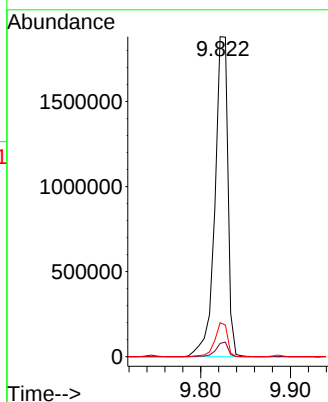
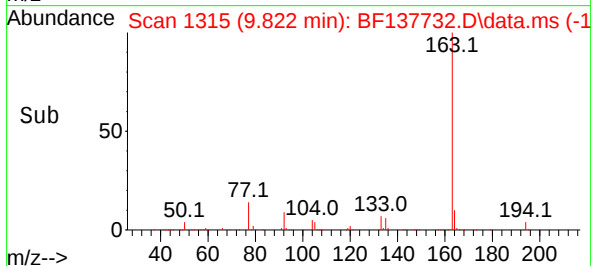


Tgt Ion:163 Resp: 1893390
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 8.2 12.2

Manual Integrations

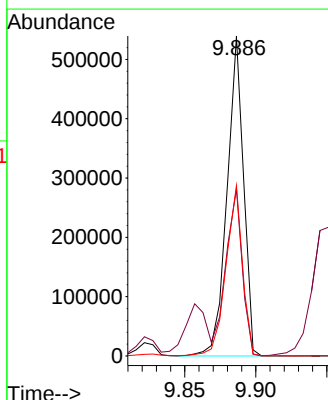
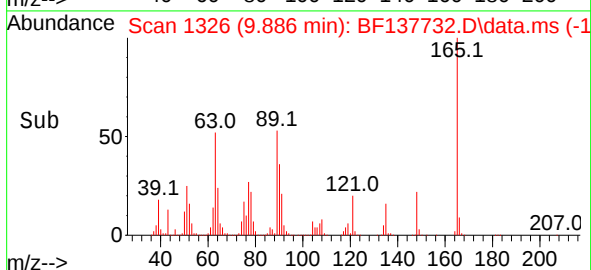
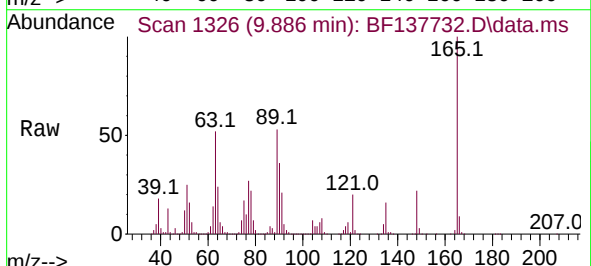
APPROVED

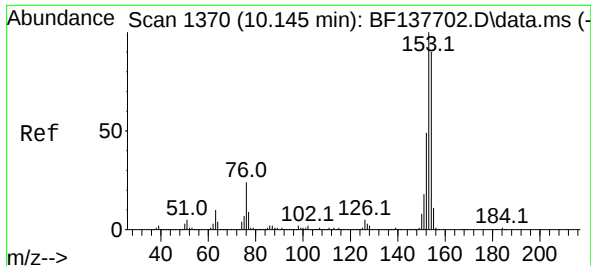
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#51
2,6-Dinitrotoluene
Concen: 47.311 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:165 Resp: 434540
Ion Ratio Lower Upper
165 100
63 52.2 47.7 71.5
89 53.3 47.3 70.9





#52
Acenaphthene
Concen: 48.422 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

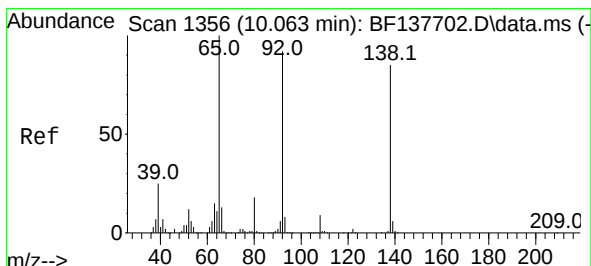
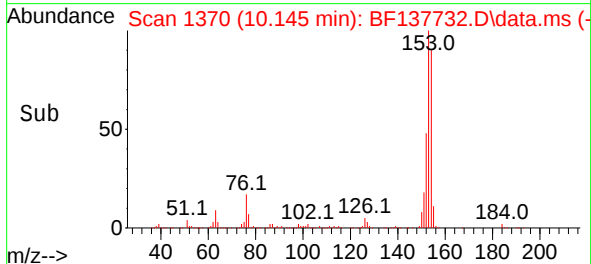
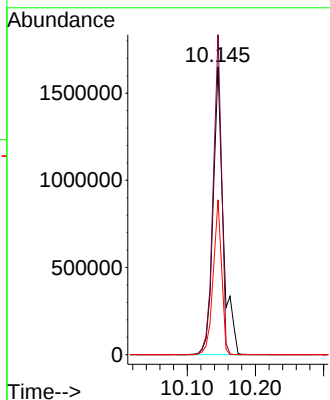
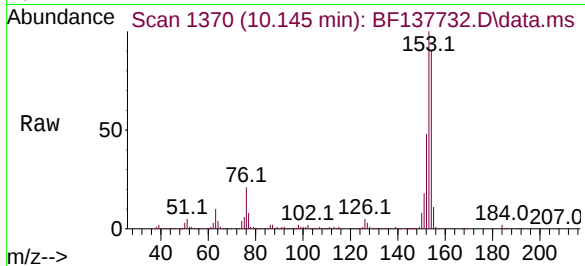
PB160534BS

Tgt Ion:154 Resp: 171561
Ion Ratio Lower Upper
154 100
153 111.1 88.5 132.7
152 53.8 43.3 64.9

Manual Integrations

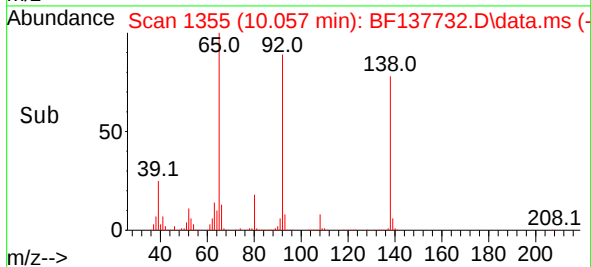
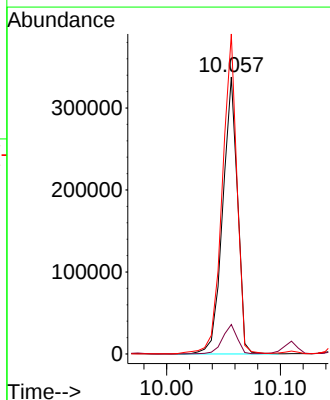
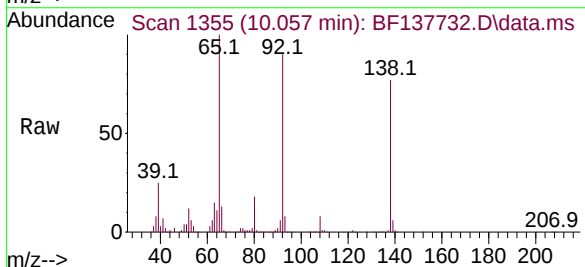
APPROVED

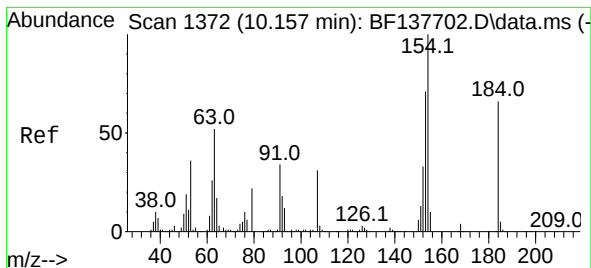
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#53
3-Nitroaniline
Concen: 29.688 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:138 Resp: 306436
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 115.5 86.9 130.3





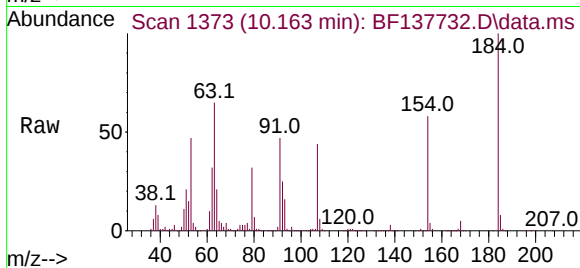
#54
2,4-Dinitrophenol
Concen: 102.961 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

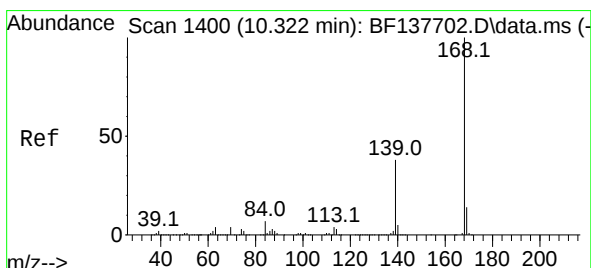
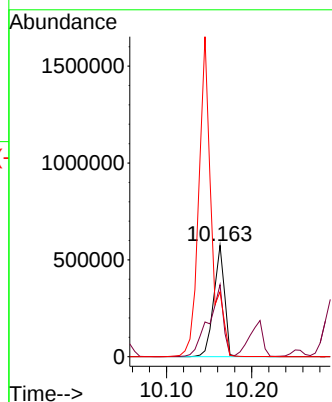
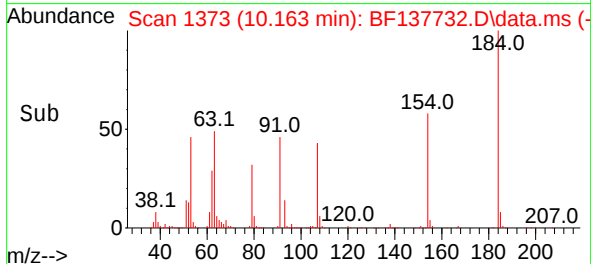


Tgt Ion:184 Resp: 510864
Ion Ratio Lower Upper
184 100
63 64.7 63.5 95.3
154 58.2 123.0 184.6

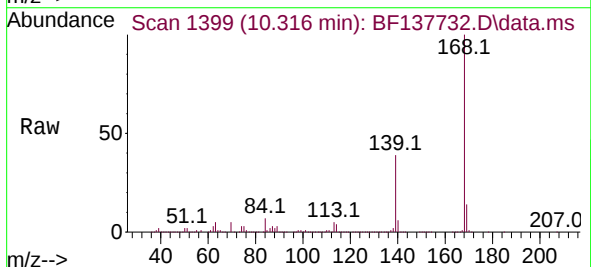
Manual Integrations

APPROVED

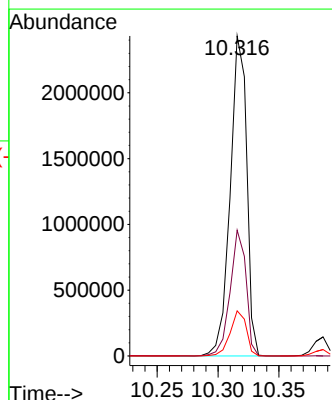
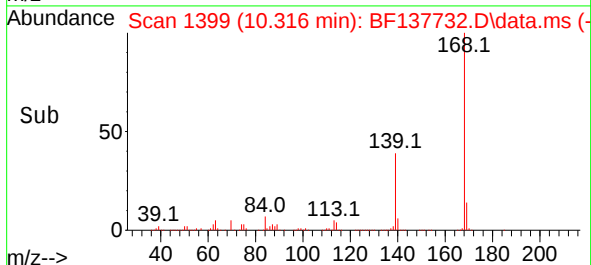
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

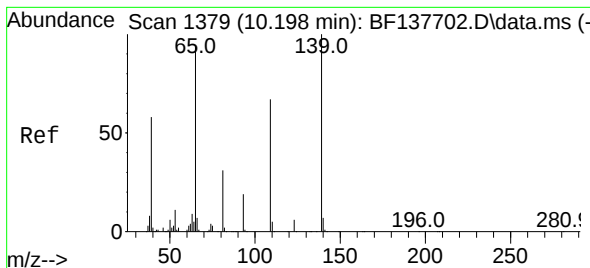


#55
Dibenzofuran
Concen: 44.083 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



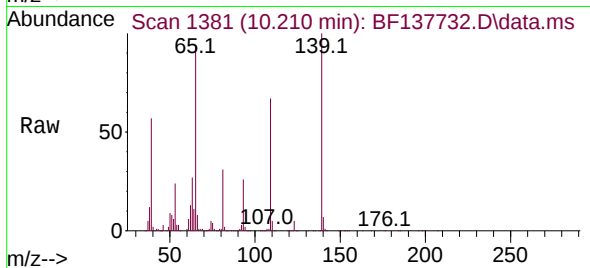
Tgt Ion:168 Resp: 2289465
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.1 10.9 16.3





#56
4-Nitrophenol
Concen: 93.096 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

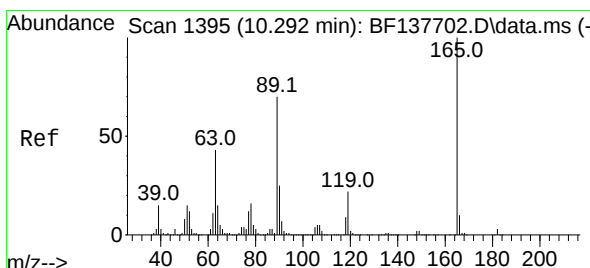
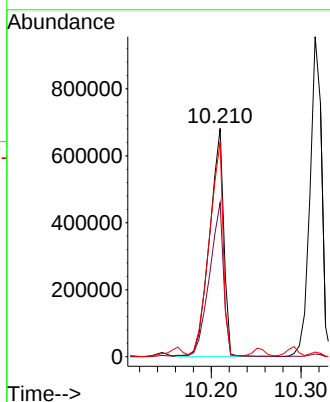
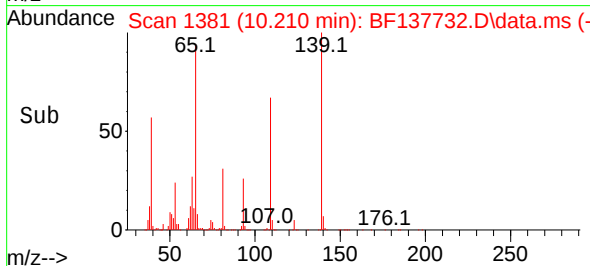
Instrument :
BNA_F
ClientSampleId :
PB160534BS



Tgt Ion:139 Resp: 747274
Ion Ratio Lower Upper
139 100
109 67.5 46.9 86.9
65 94.0 75.8 115.8

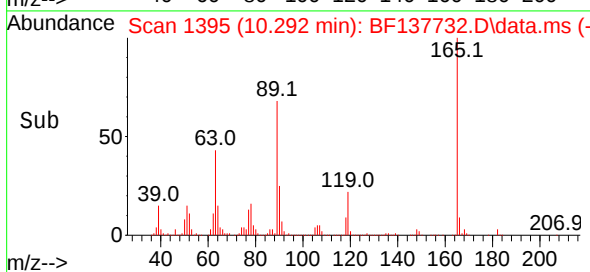
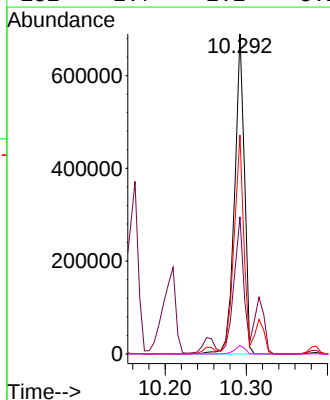
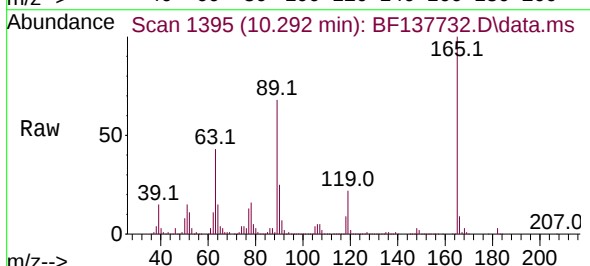
Manual Integrations
APPROVED

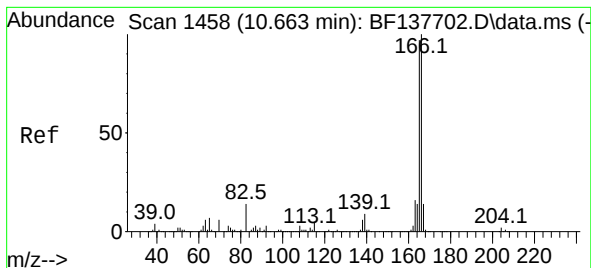
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#57
2,4-Dinitrotoluene
Concen: 49.995 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

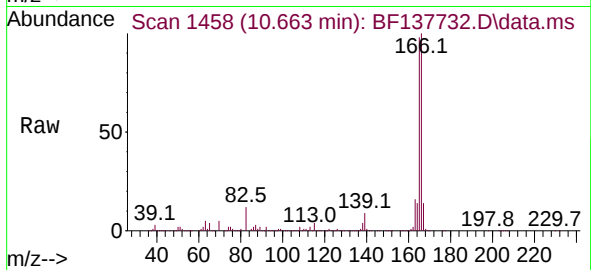
Tgt Ion:165 Resp: 578898
Ion Ratio Lower Upper
165 100
63 42.9 34.1 51.1
89 68.4 56.4 84.6
182 2.7 2.2 3.2





#58
Fluorene
Concen: 43.722 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

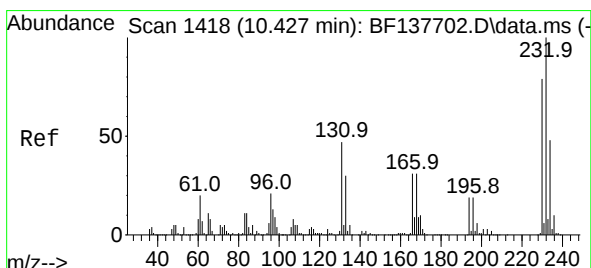
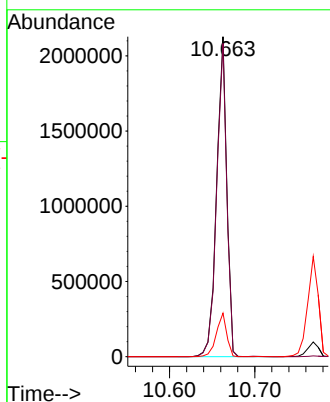
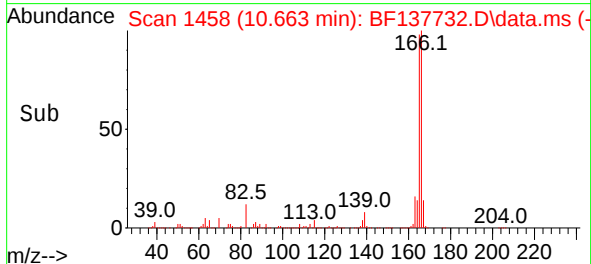
Instrument :
BNA_F
ClientSampleId :
PB160534BS



Tgt Ion:166 Resp: 177426
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 13.6 10.8 16.2

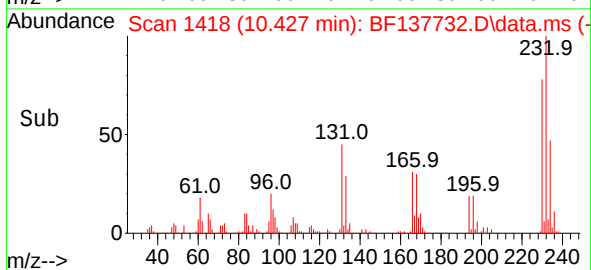
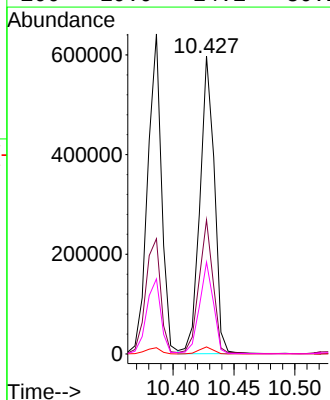
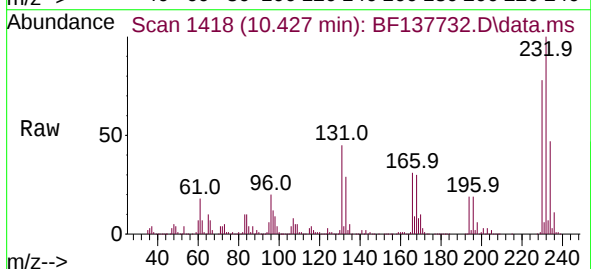
Manual Integrations
APPROVED

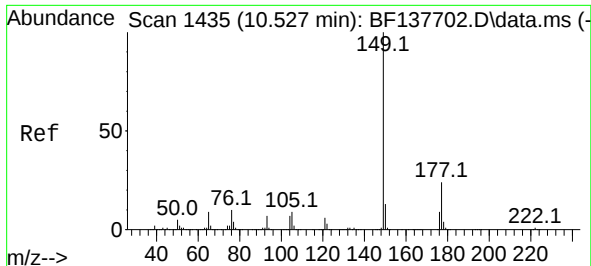
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 45.902 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:232 Resp: 490177
Ion Ratio Lower Upper
232 100
131 44.3 36.4 54.6
130 2.4 1.8 2.6
166 29.9 24.1 36.1





#60

Diethylphthalate

Concen: 42.414 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:149 Resp: 177833

Ion Ratio Lower Upper

149 100

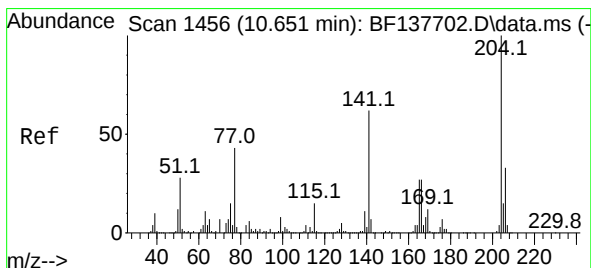
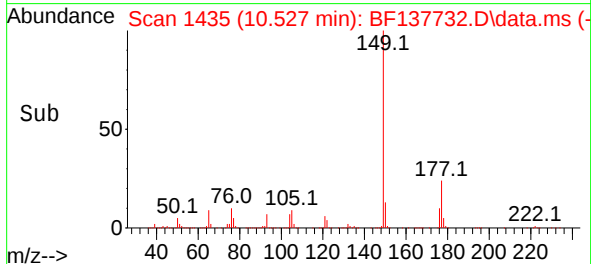
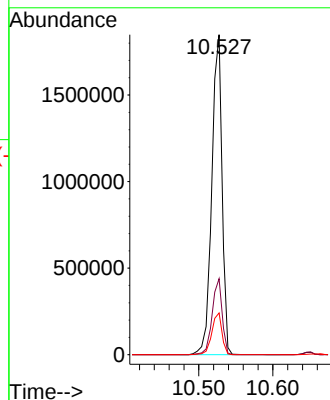
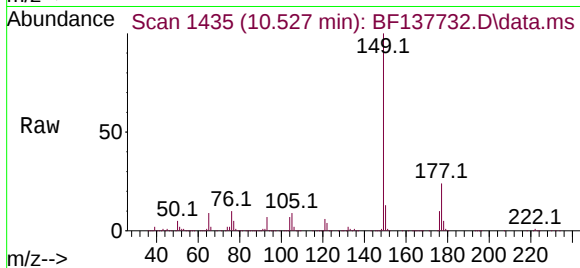
177 23.7 19.0 28.4

150 13.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#61

4-Chlorophenyl-phenylether

Concen: 43.722 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

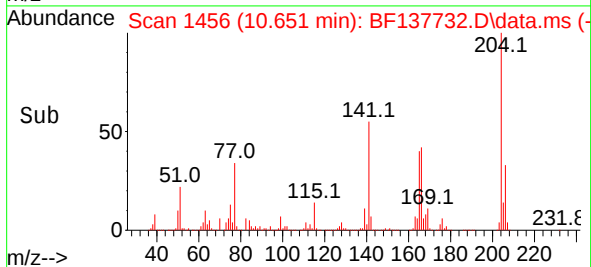
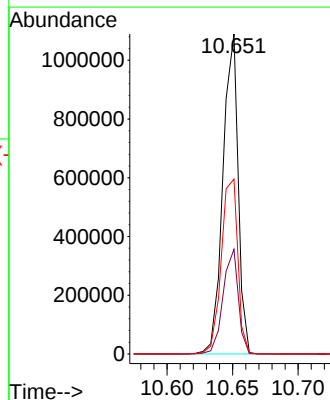
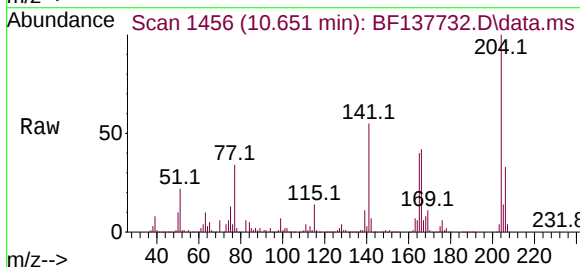
Tgt Ion:204 Resp: 876697

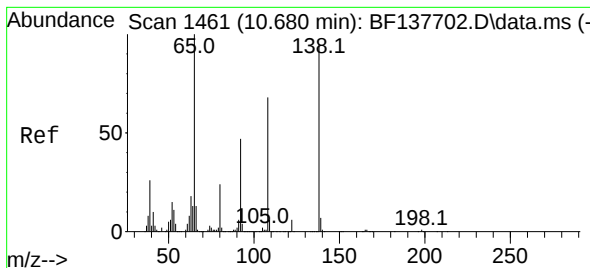
Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

141 54.7 49.4 74.2





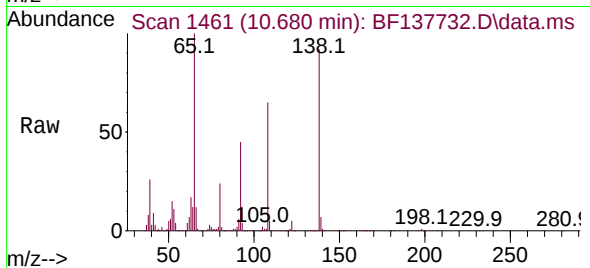
#62
4-Nitroaniline
Concen: 44.380 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

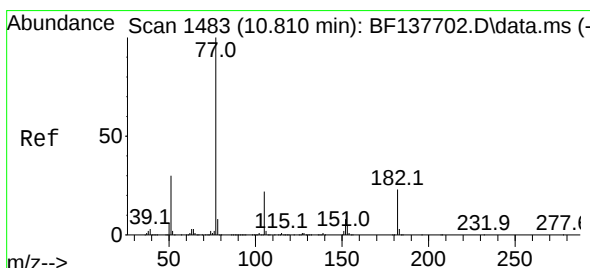
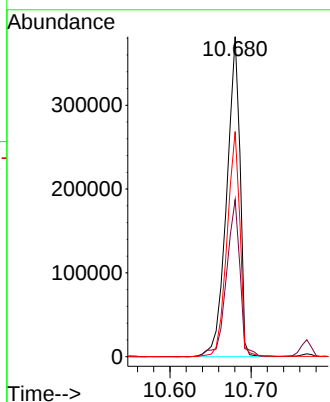
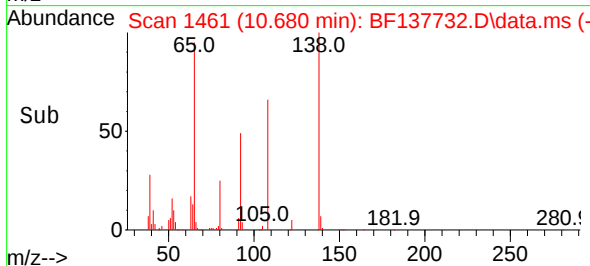


Tgt Ion:138 Resp: 436311
Ion Ratio Lower Upper
138 100
92 49.1 29.8 69.8
108 70.3 51.1 91.1

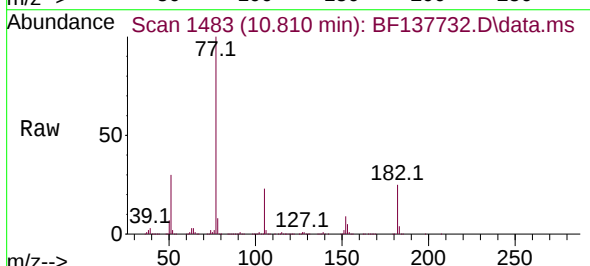
Manual Integrations

APPROVED

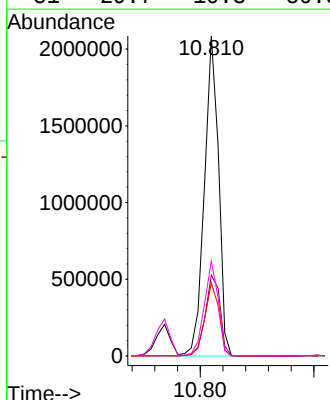
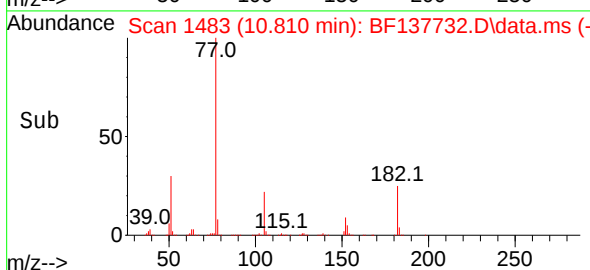
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

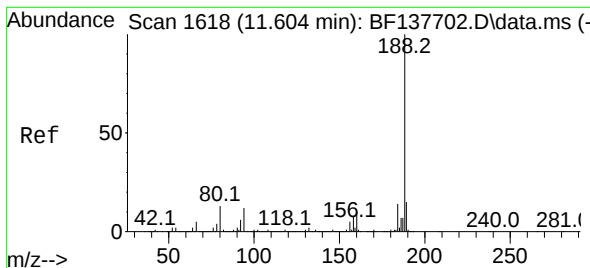


#63
Azobenzene
Concen: 41.891 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion: 77 Resp: 1799855
Ion Ratio Lower Upper
77 100
182 25.2 3.1 43.1
105 22.9 1.6 41.6
51 29.7 10.3 50.3





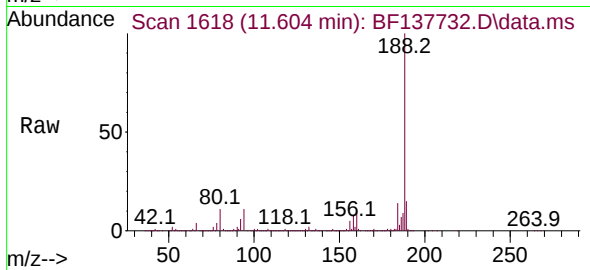
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 110387
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

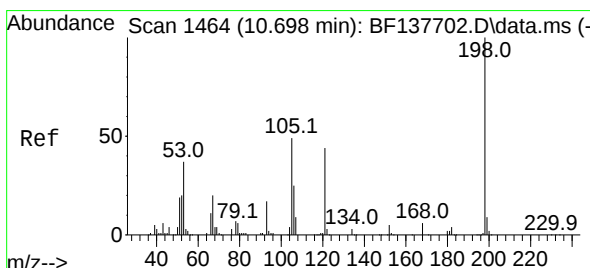
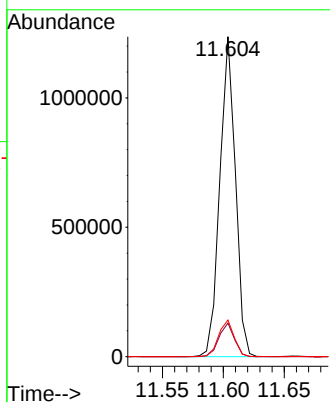
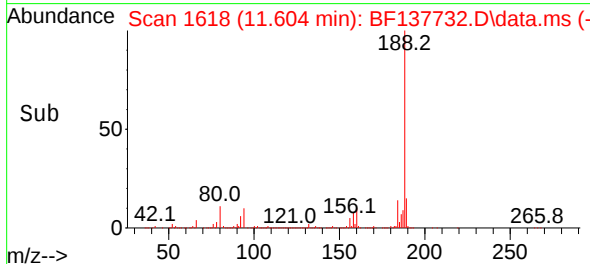


Tgt Ion:188 Resp: 110387
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 10.2 15.4

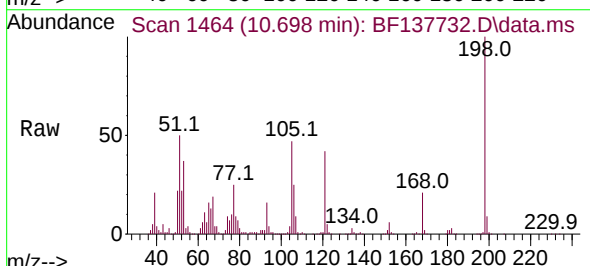
Manual Integrations

APPROVED

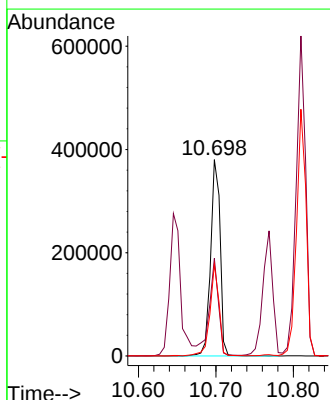
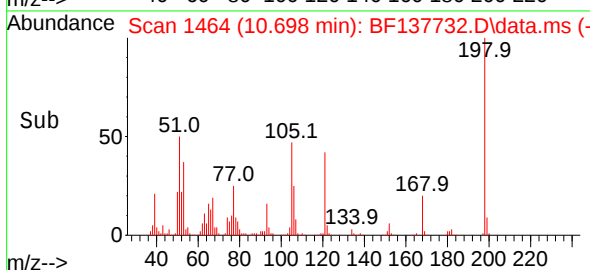
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

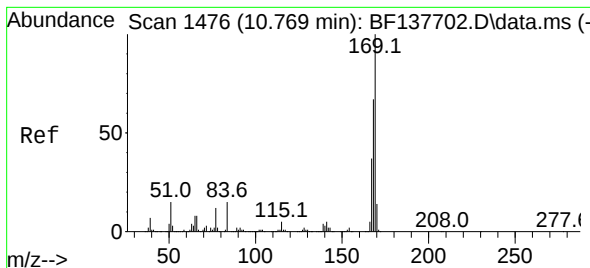


#65
4,6-Dinitro-2-methylphenol
Concen: 51.090 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



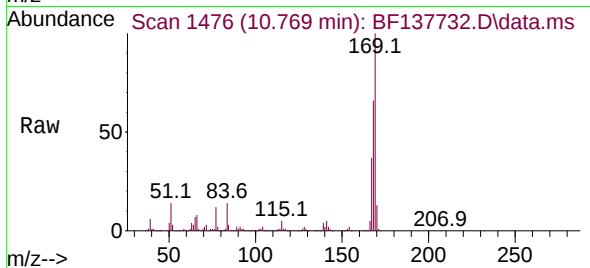
Tgt Ion:198 Resp: 323361
Ion Ratio Lower Upper
198 100
51 49.7 33.5 73.5
105 46.7 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 42.534 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

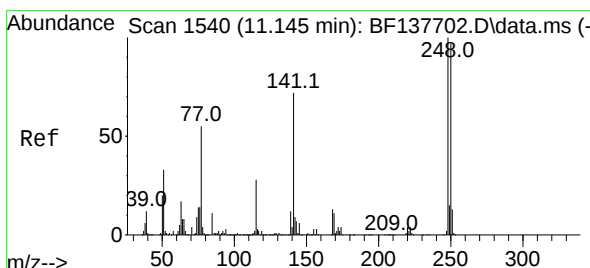
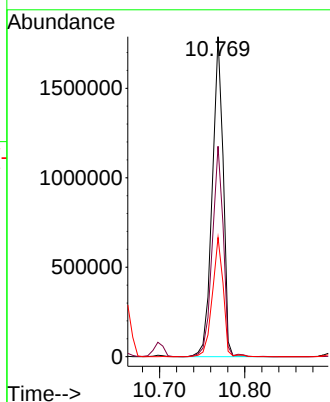
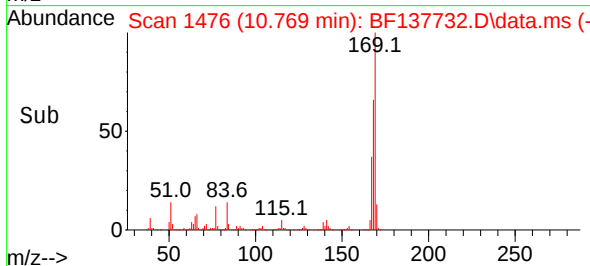
Instrument :
BNA_F
ClientSampleId :
PB160534BS



Tgt Ion:169 Resp: 1590230
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 37.3 29.6 44.4

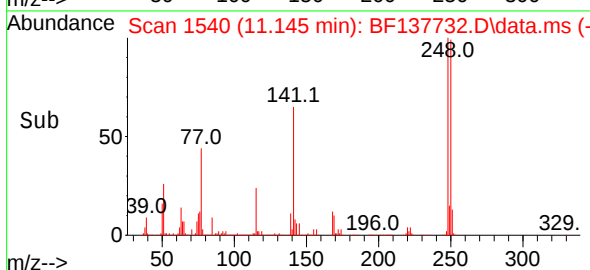
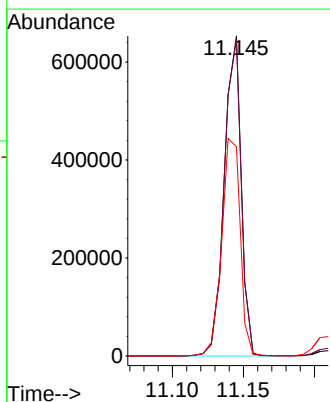
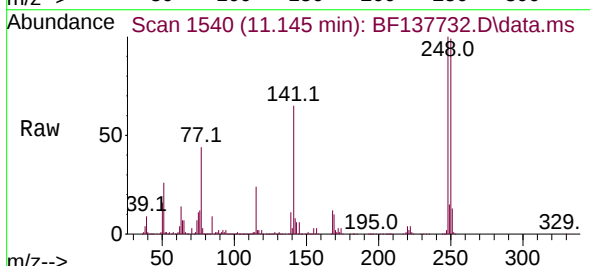
Manual Integrations
APPROVED

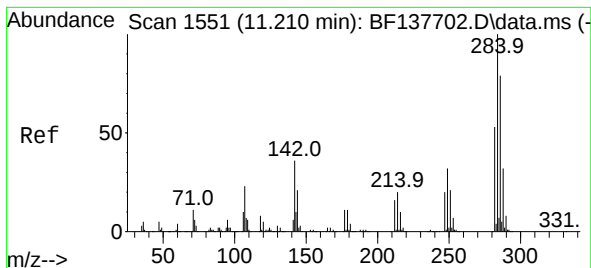
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#67
4-Bromophenyl-phenylether
Concen: 42.395 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:248 Resp: 542278
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.0
141 65.4 57.9 86.9





#68

Hexachlorobenzene

Concen: 46.486 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:284 Resp: 57927

Ion Ratio Lower Upper

284 100

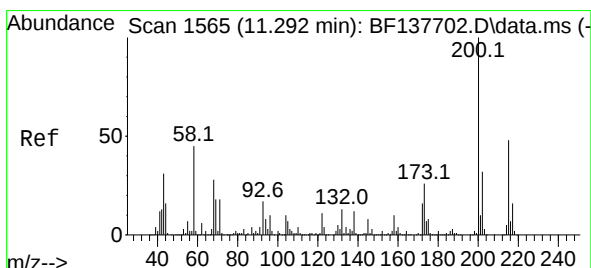
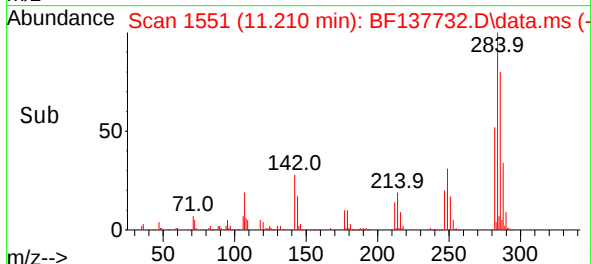
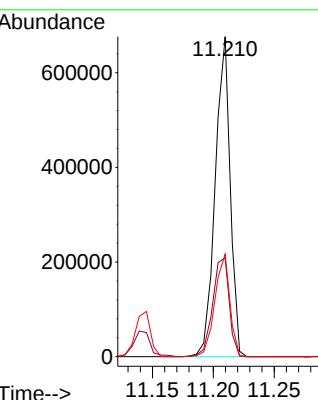
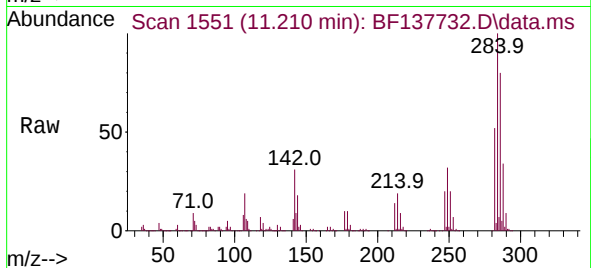
142 30.9 28.5 42.7

249 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#69

Atrazine

Concen: 37.333 ng

RT: 11.292 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

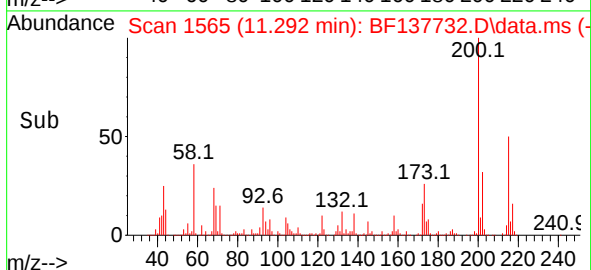
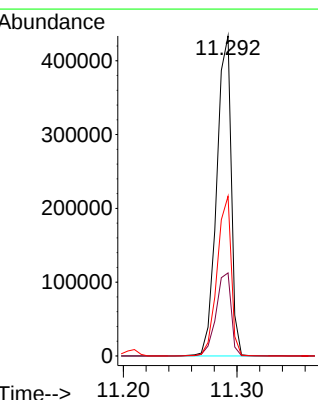
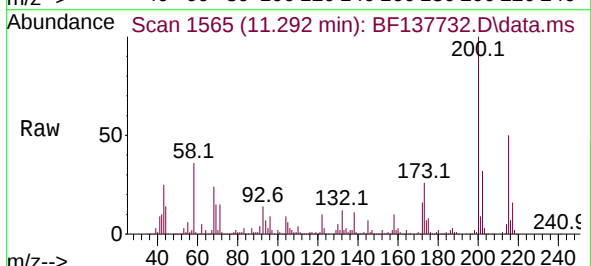
Tgt Ion:200 Resp: 385831

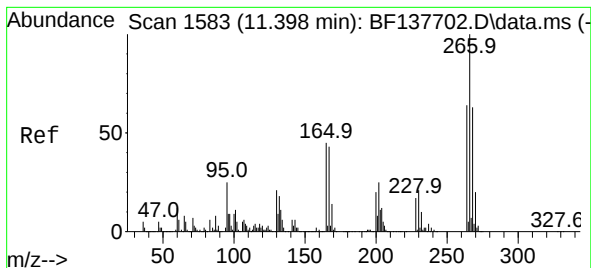
Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

215 49.9 28.0 68.0





#70

Pentachlorophenol

Concen: 81.621 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:266 Resp: 765098

Ion Ratio Lower Upper

266 100

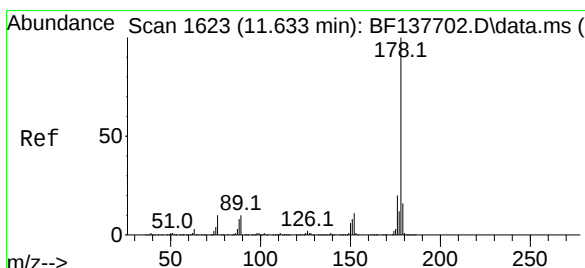
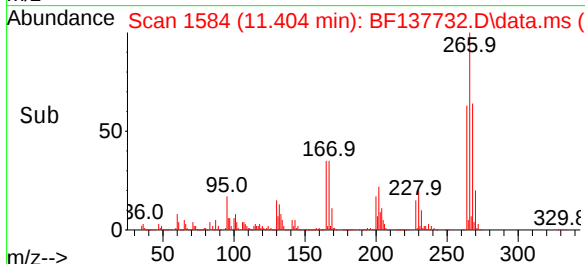
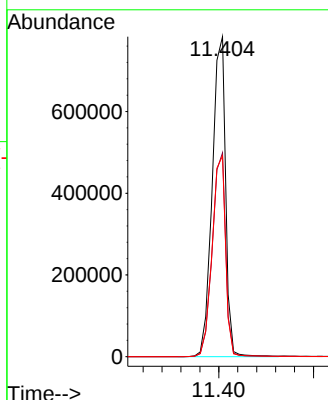
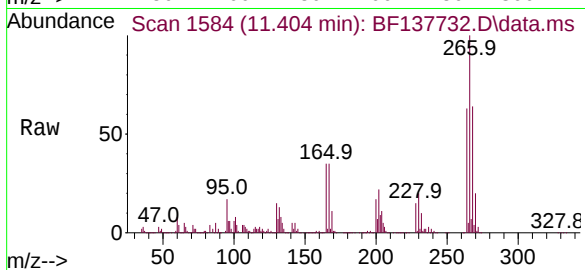
268 63.7 50.4 75.6

264 62.8 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#71

Phenanthrene

Concen: 42.493 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

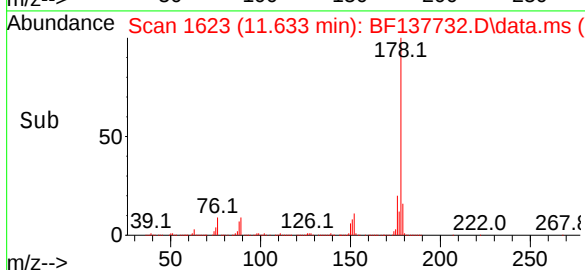
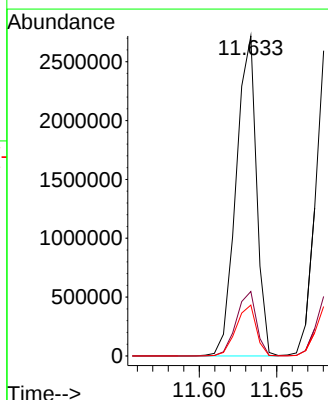
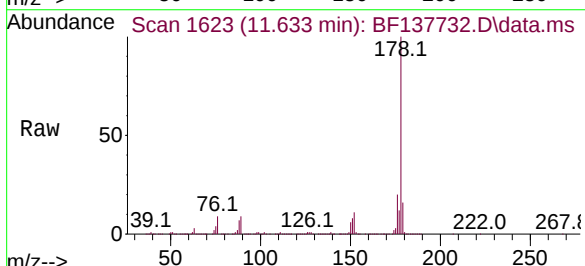
Tgt Ion:178 Resp: 2483020

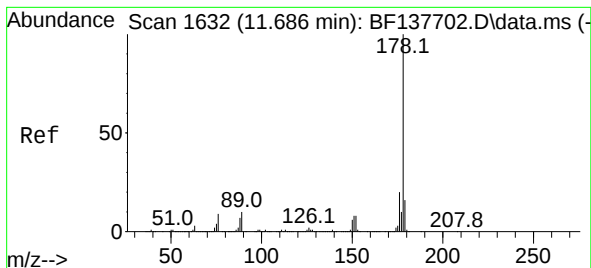
Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

179 15.9 12.8 19.2





#72

Anthracene

Concen: 42.357 ng

RT: 11.680 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:178 Resp: 253446

Ion Ratio Lower Upper

178 100

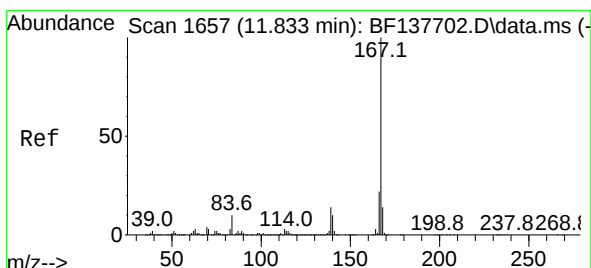
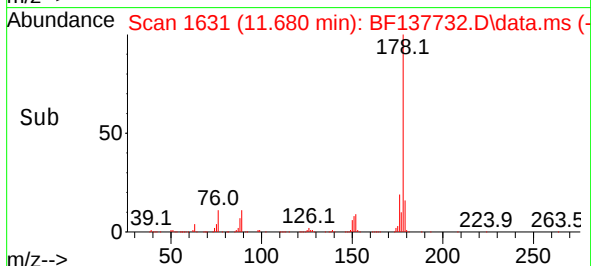
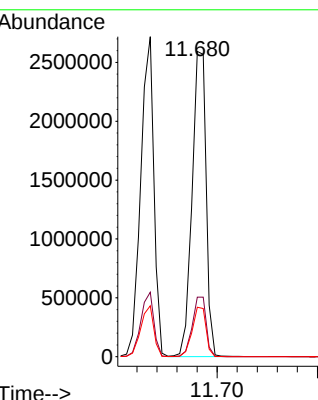
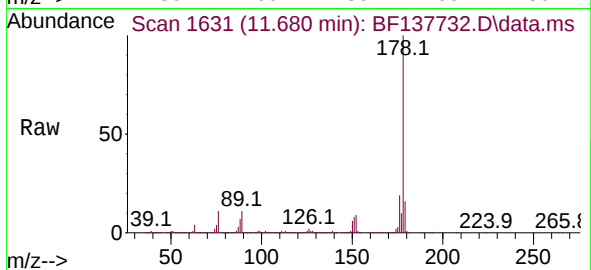
176 19.5 15.8 23.8

179 16.2 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#73

Carbazole

Concen: 43.015 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

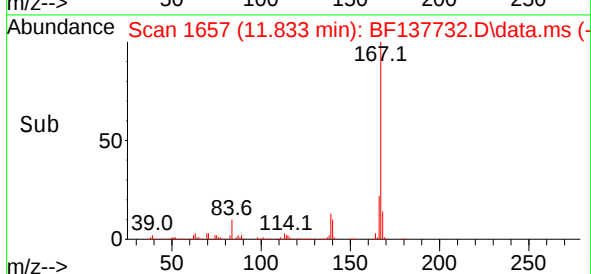
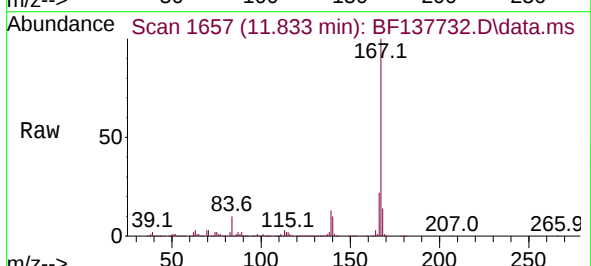
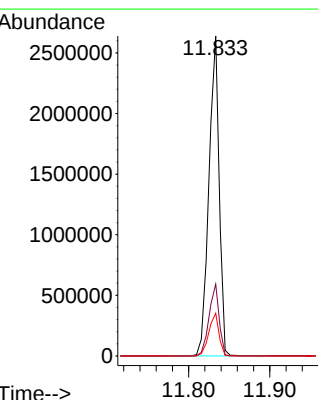
Tgt Ion:167 Resp: 2332565

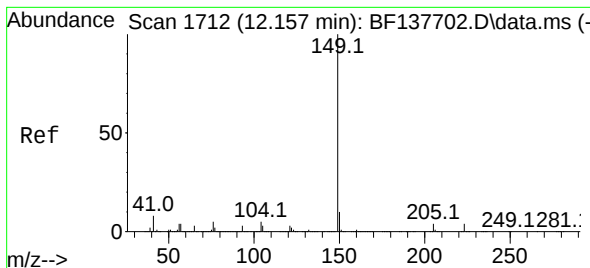
Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

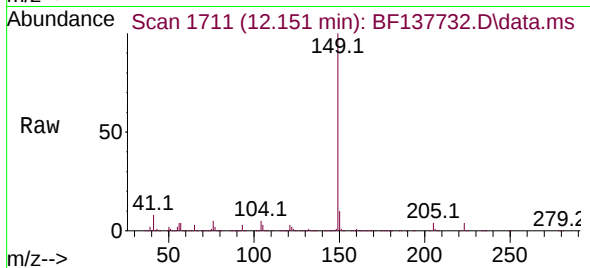
139 13.3 10.9 16.3





#74
Di-n-butylphthalate
Concen: 41.237 ng
RT: 12.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

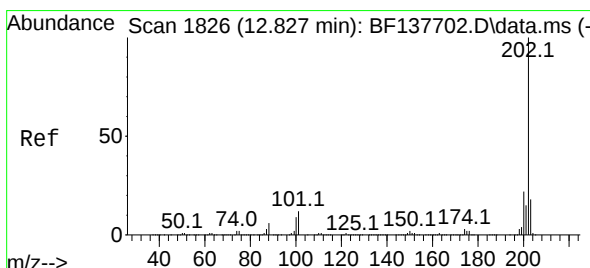
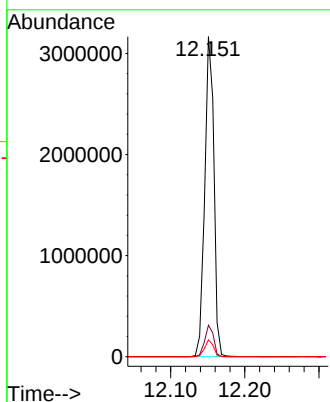
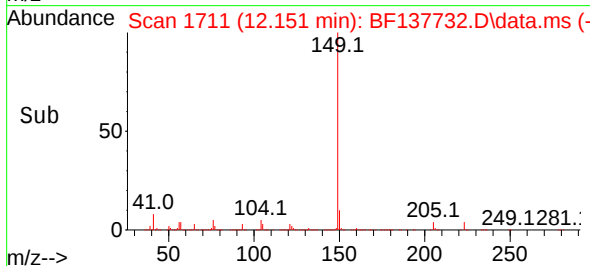
Instrument :
BNA_F
ClientSampleId :
PB160534BS



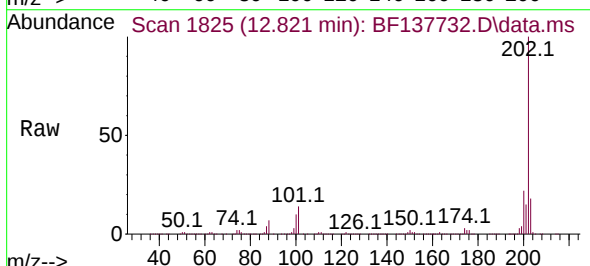
Tgt Ion:149 Resp: 272595
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.3 4.2 6.4

Manual Integrations
APPROVED

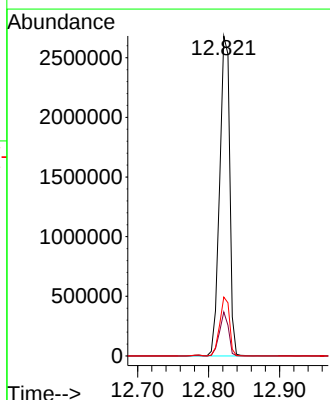
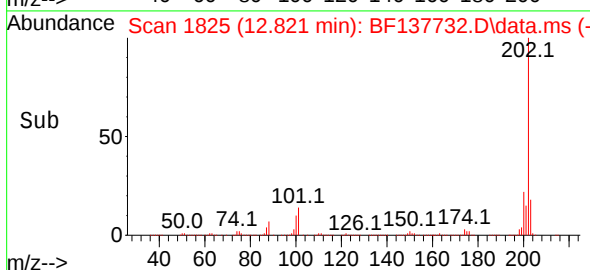
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

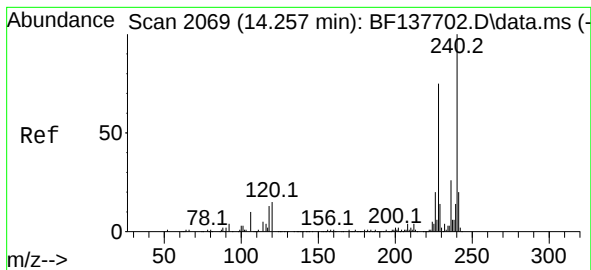


#75
Fluoranthene
Concen: 42.841 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion:202 Resp: 2631323
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.2
203 18.4 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

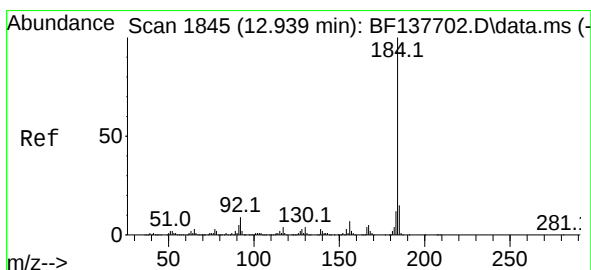
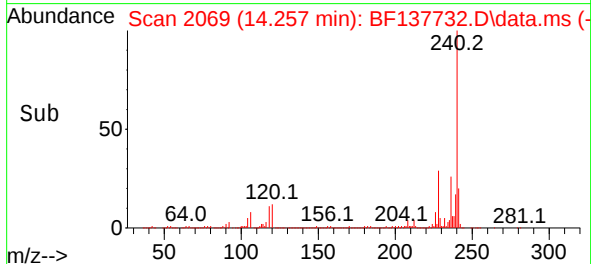
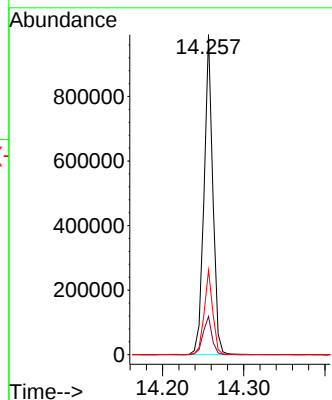
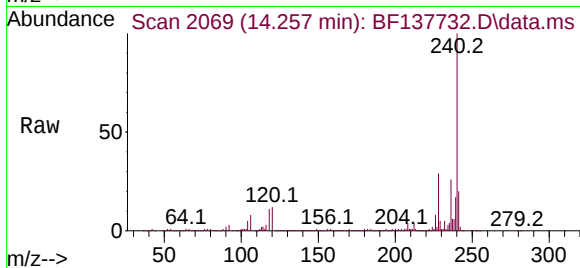
PB160534BS

Tgt Ion:240 Resp: 742528
Ion Ratio Lower Upper
240 100
120 12.0 11.9 17.9
236 26.4 20.8 31.2

Manual Integrations

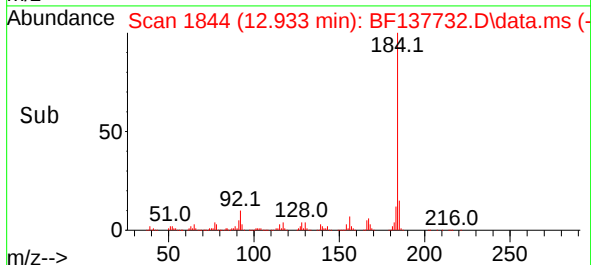
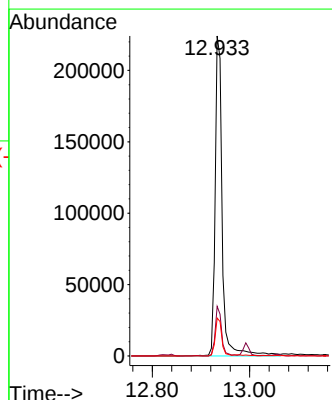
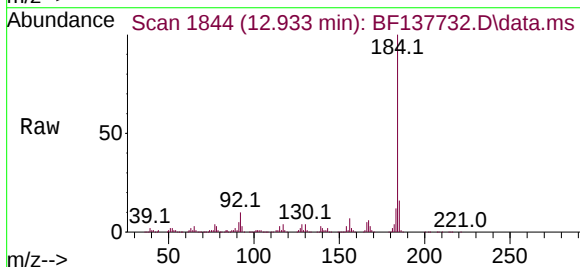
APPROVED

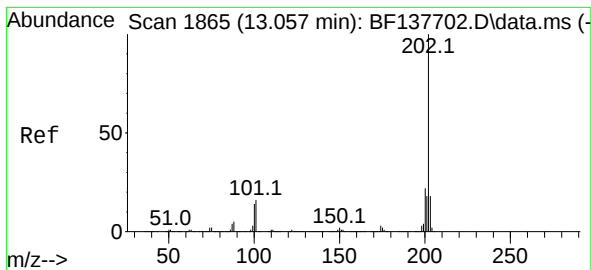
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#77
Benzidine
Concen: 12.951 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:184 Resp: 224605
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.4
183 11.9 9.4 14.0





#78

Pyrene

Concen: 43.533 ng

RT: 13.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

Tgt Ion:202 Resp: 2653169

Ion Ratio Lower Upper

202 100

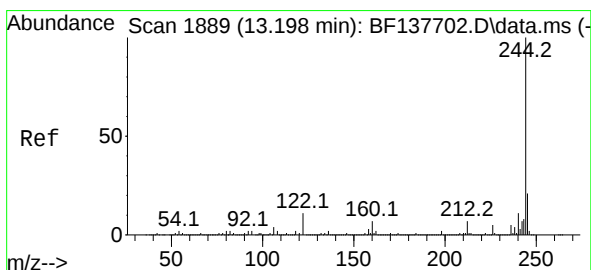
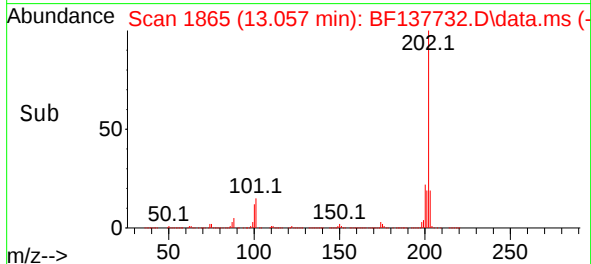
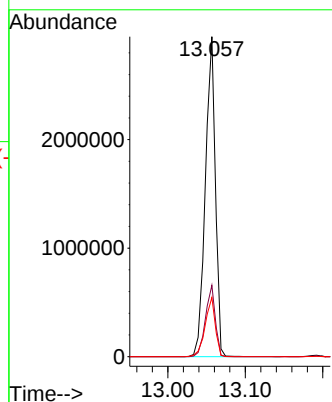
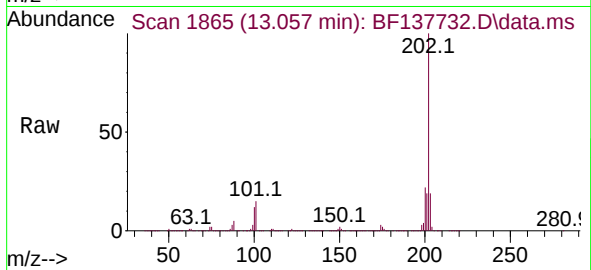
200 22.3 17.8 26.6

203 18.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#79

Terphenyl-d14

Concen: 82.166 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

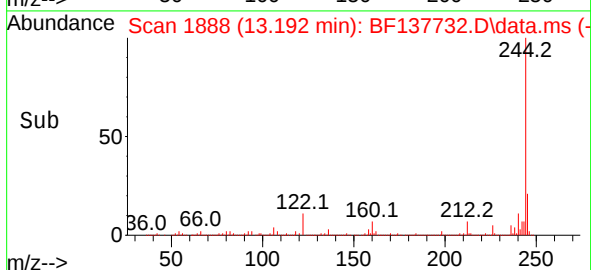
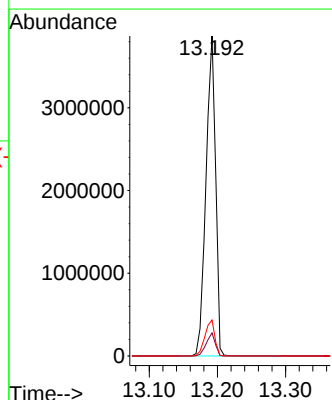
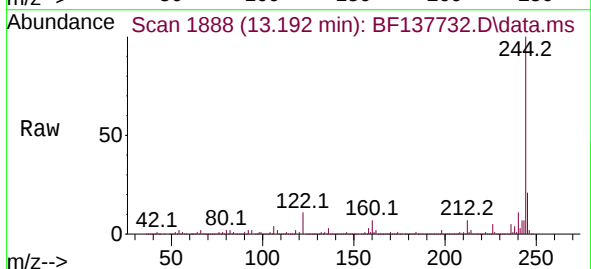
Tgt Ion:244 Resp: 3790497

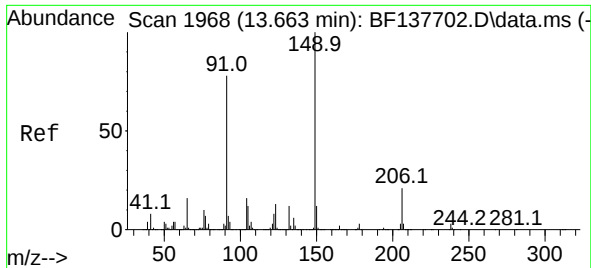
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.2 8.8 13.2





#80
Butylbenzylphthalate
Concen: 45.945 ng
RT: 13.663 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

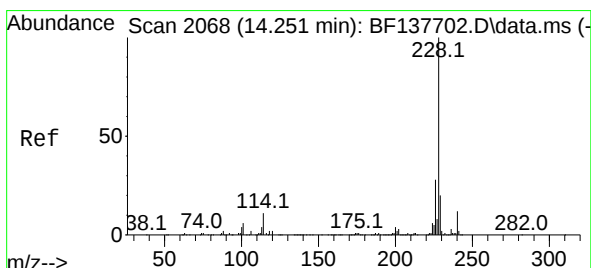
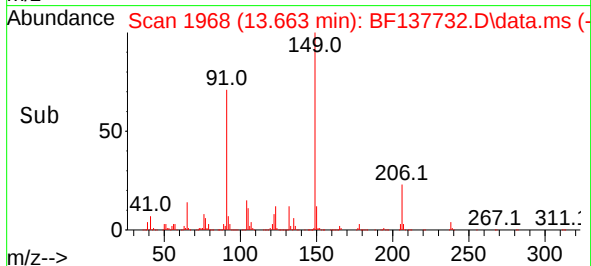
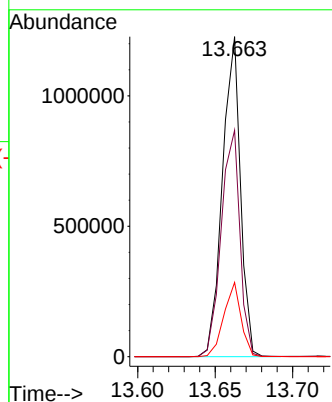
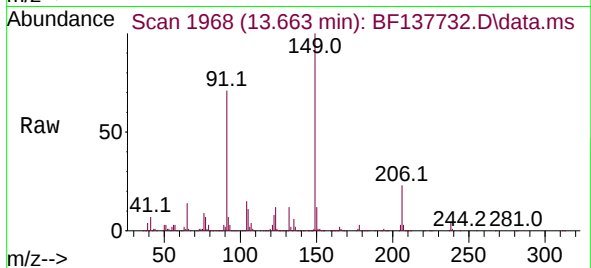
PB160534BS

Tgt Ion:149 Resp: 99301
Ion Ratio Lower Upper
149 100
91 70.7 62.6 93.8
206 23.2 16.5 24.7

Manual Integrations

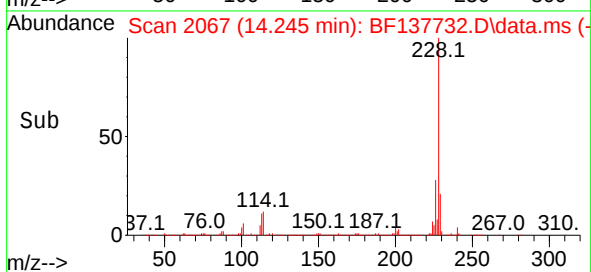
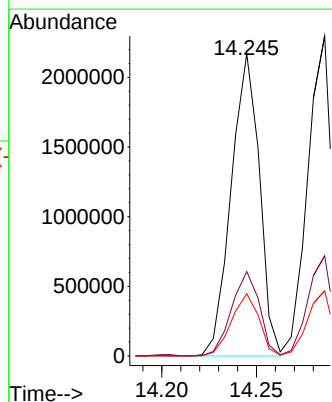
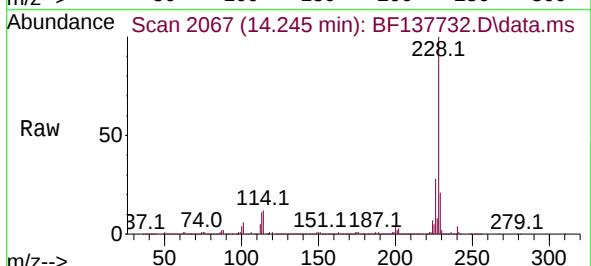
APPROVED

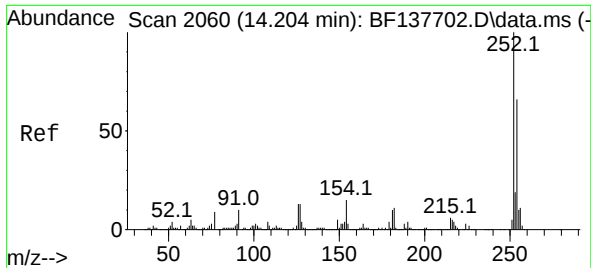
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#81
Benzo(a)anthracene
Concen: 43.391 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:228 Resp: 2247212
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.6 16.0 24.0





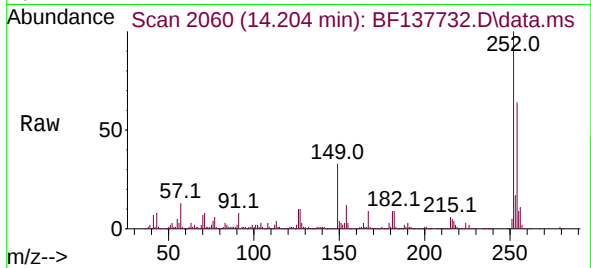
#82
3,3'-Dichlorobenzidine
Concen: 31.388 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

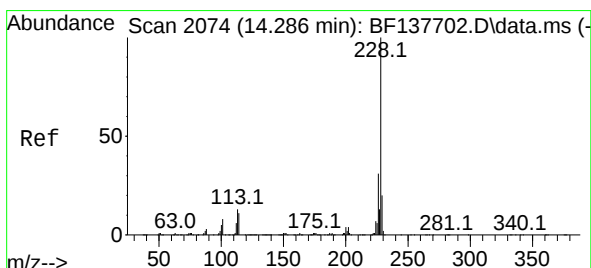
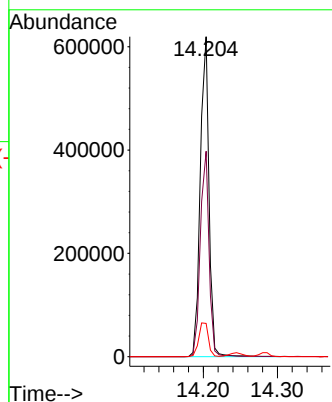
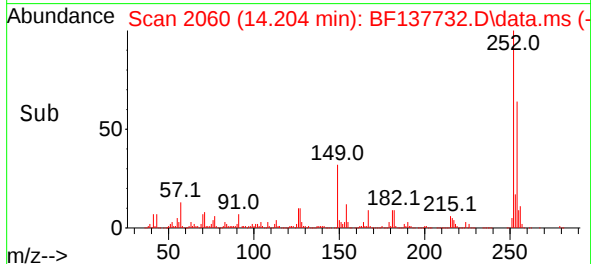


Tgt Ion:252 Resp: 502950
Ion Ratio Lower Upper
252 100
254 64.2 52.6 79.0
126 10.4 10.8 16.2

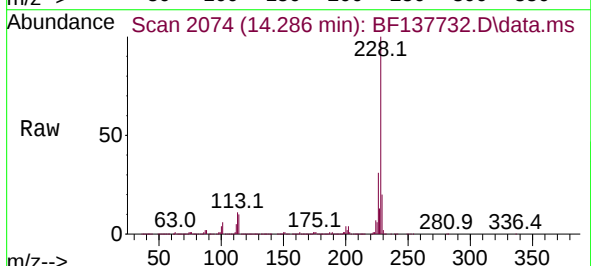
Manual Integrations

APPROVED

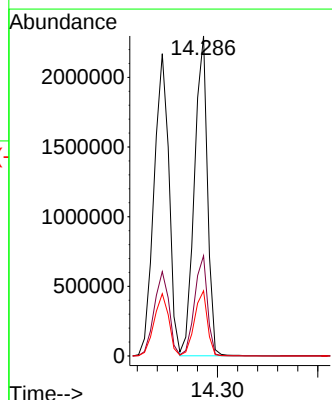
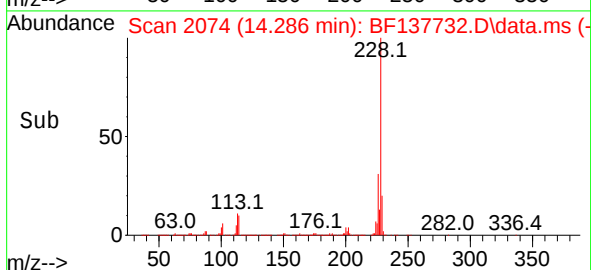
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

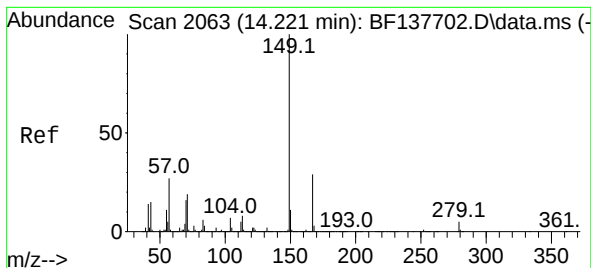


#83
Chrysene
Concen: 42.650 ng
RT: 14.286 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23



Tgt Ion:228 Resp: 2063847
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 20.3 16.2 24.4





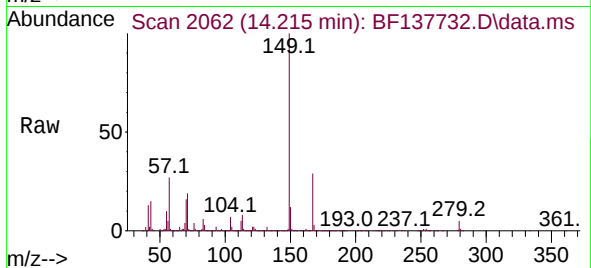
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.364 ng
RT: 14.215 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

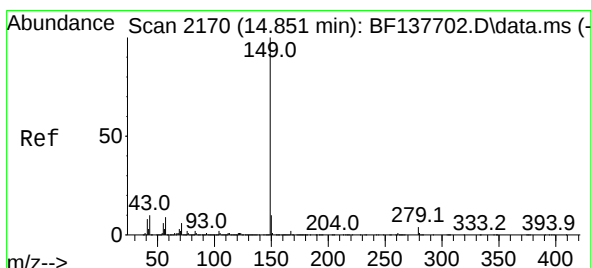
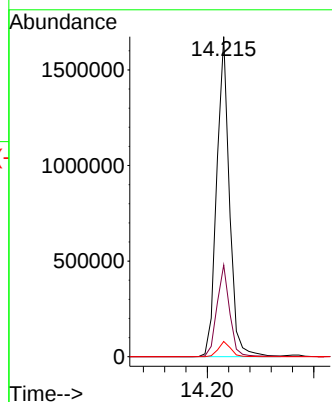
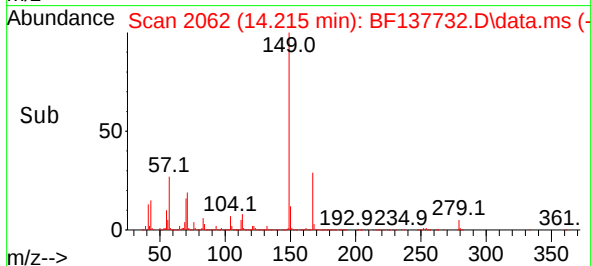


Tgt Ion:149 Resp: 138275
Ion Ratio Lower Upper
149 100
167 28.6 23.4 35.0
279 4.8 4.0 6.0

Manual Integrations

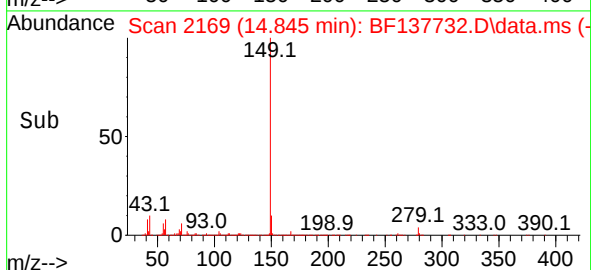
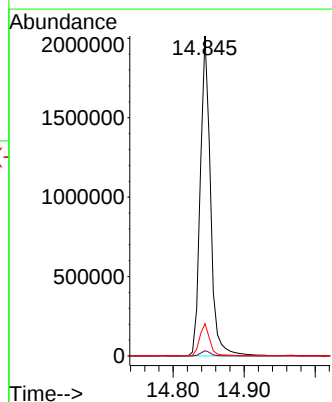
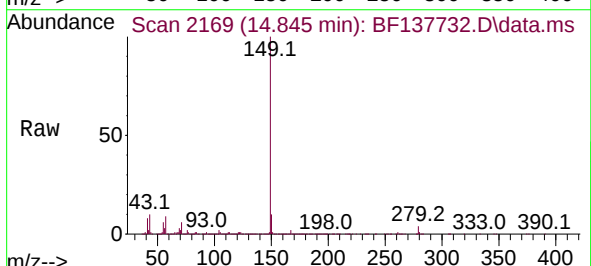
APPROVED

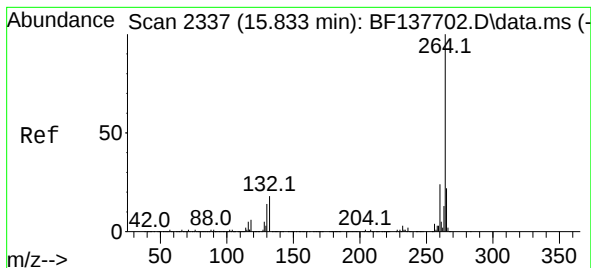
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#85
Di-n-octyl phthalate
Concen: 41.149 ng
RT: 14.845 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:149 Resp: 2017467
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 8.8 13.2





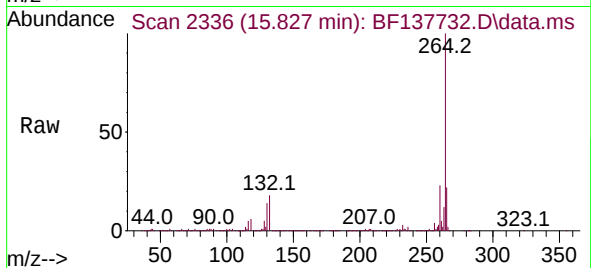
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 24
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS

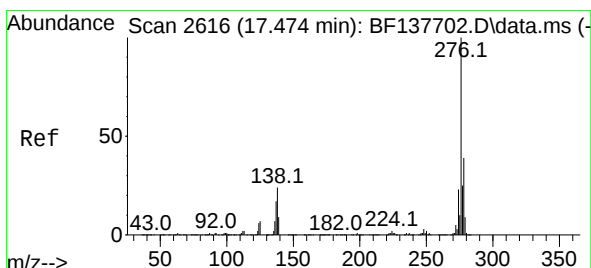
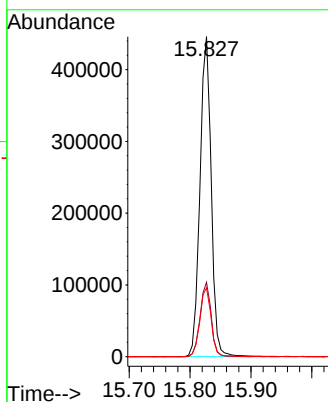
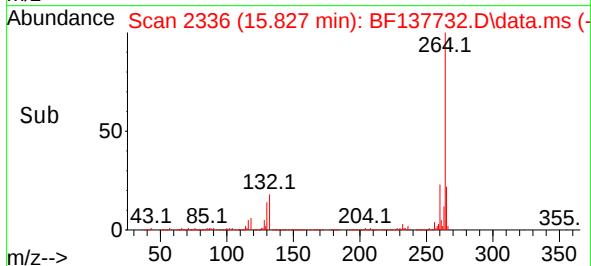


Tgt Ion:264 Resp: 572054
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 21.5 17.5 26.3

Manual Integrations

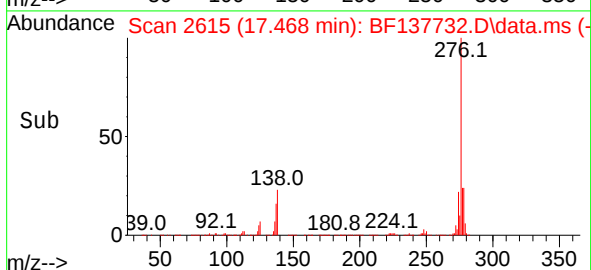
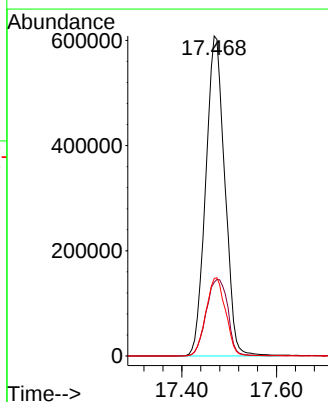
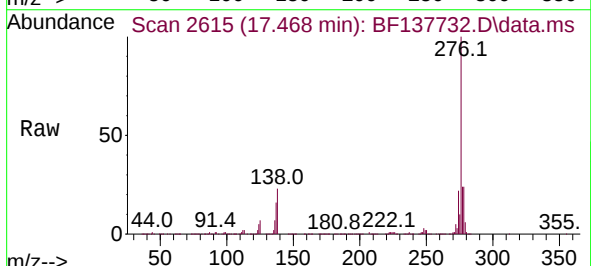
APPROVED

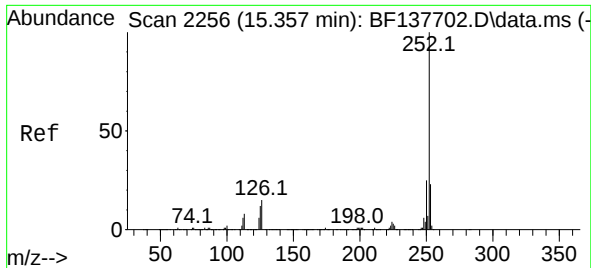
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 53.568 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

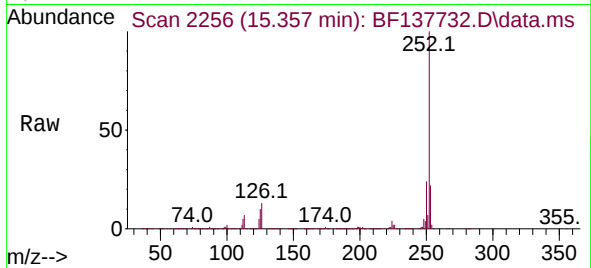
Tgt Ion:276 Resp: 1699121
Ion Ratio Lower Upper
276 100
138 27.2 22.3 33.5
277 25.4 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 48.130 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

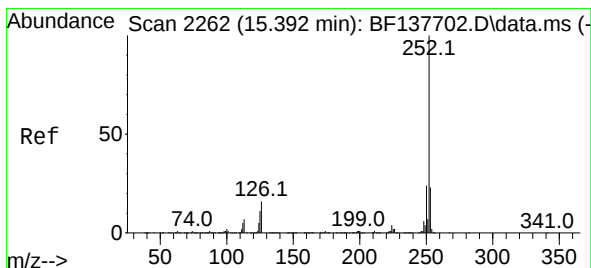
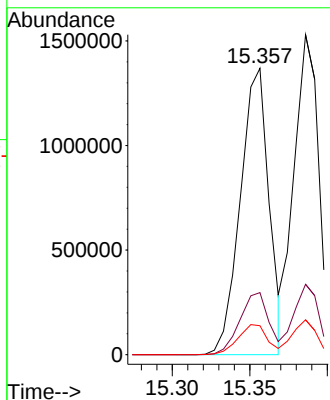
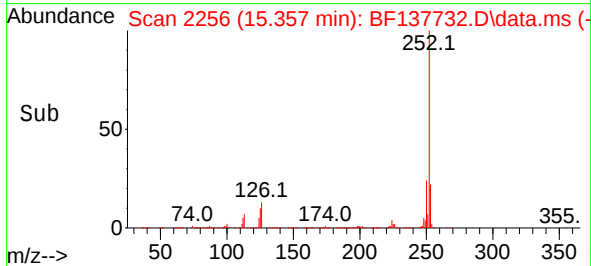
Instrument :
BNA_F
ClientSampleId :
PB160534BS



Tgt Ion:252 Resp: 176185
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 10.1 9.2 13.8

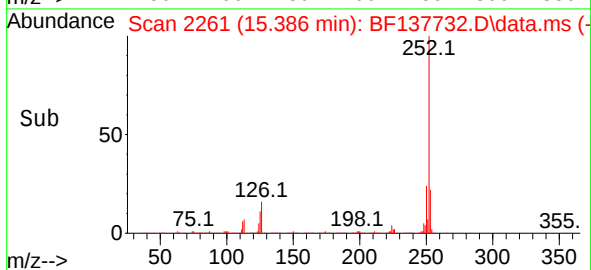
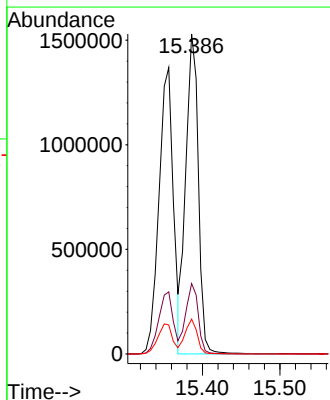
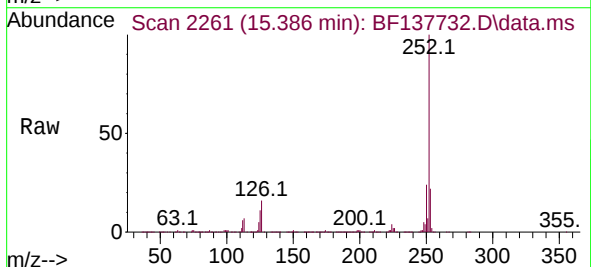
Manual Integrations
APPROVED

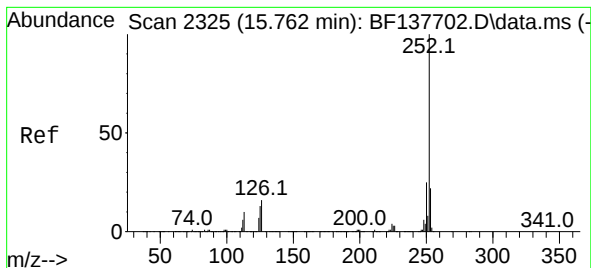
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#89
Benzo(k)fluoranthene
Concen: 48.038 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF137732.D
Acq: 26 Apr 2024 13:23

Tgt Ion:252 Resp: 1728577
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.9 9.0 13.6





#90

Benzo(a)pyrene

Concen: 45.415 ng

RT: 15.762 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BF137732.D

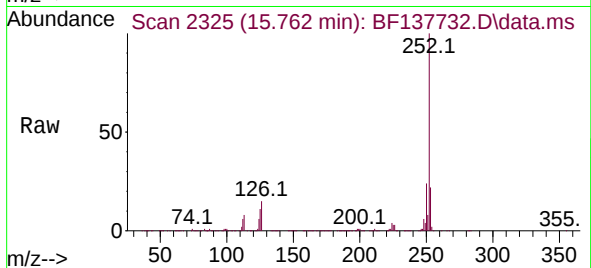
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS



Tgt Ion:252 Resp: 149136

Ion Ratio Lower Upper

252 100

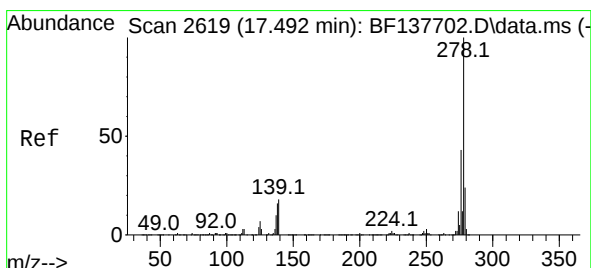
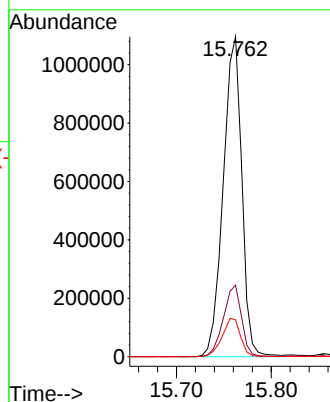
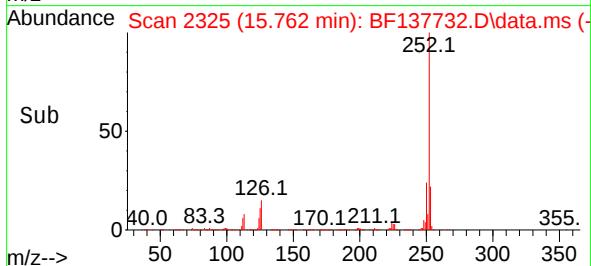
253 22.3 17.9 26.9

125 11.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#91

Dibenzo(a,h)anthracene

Concen: 53.708 ng

RT: 17.492 min Scan# 2619

Delta R.T. -0.000 min

Lab File: BF137732.D

Acq: 26 Apr 2024 13:23

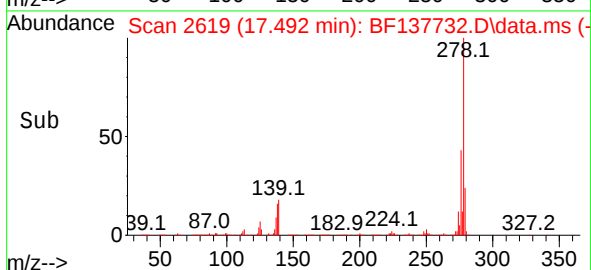
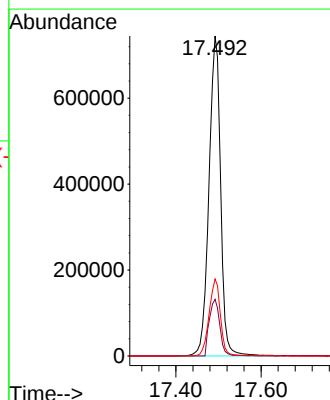
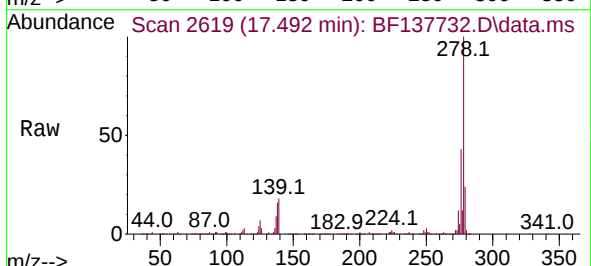
Tgt Ion:278 Resp: 1413706

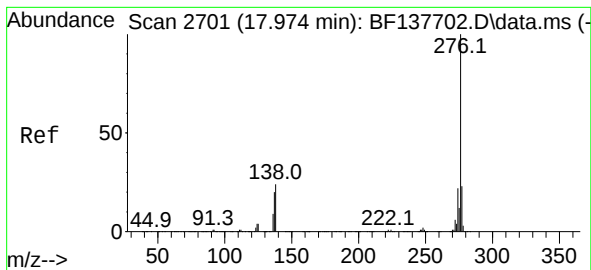
Ion Ratio Lower Upper

278 100

139 17.7 14.7 22.1

279 24.0 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 53.098 ng

RT: 17.974 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137732.D

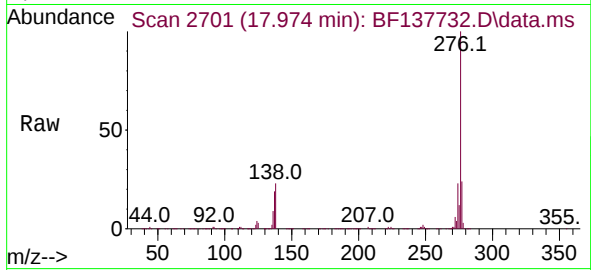
Acq: 26 Apr 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB160534BS



Tgt Ion:276 Resp: 135908

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 23.0 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024

