

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137715.D
 Acq On : 24 Apr 2024 13:11
 Operator : CG\JU
 Sample : PB160462BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 13:51:03 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	306006	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1247261	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	662309	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1192211	20.000	ng	0.00
76) Chrysene-d12	14.262	240	826164	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	670411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1750195	86.881	ng	0.02
7) Phenol-d6	6.681	99	2230900	87.207	ng	0.00
23) Nitrobenzene-d5	7.628	82	1974282	84.025	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	626006	93.669	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3682428	83.078	ng	0.00
79) Terphenyl-d14	13.198	244	4222139	82.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	329868	36.569	ng	98
3) Pyridine	3.822	79	852854	35.492	ng	99
4) n-Nitrosodimethylamine	3.798	42	477075	42.541	ng	95
6) Aniline	6.728	93	961924	30.211	ng	98
8) 2-Chlorophenol	6.845	128	1008113	47.940	ng	96
9) Benzaldehyde	6.616	77	227002	15.812	ng	95
10) Phenol	6.692	94	1184837	46.362	ng	98
11) bis(2-Chloroethyl)ether	6.792	93	929232	44.578	ng	97
12) 1,3-Dichlorobenzene	7.004	146	1013782	45.971	ng	99
13) 1,4-Dichlorobenzene	7.081	146	1019228	45.907	ng	99
14) 1,2-Dichlorobenzene	7.234	146	985549	47.689	ng	98
15) Benzyl Alcohol	7.198	79	848653	44.346	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1451816	45.288	ng	98
17) 2-Methylphenol	7.304	107	816665	43.711	ng	98
18) Hexachloroethane	7.581	117	360964	45.937	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	712597	43.078	ng	100
20) 3+4-Methylphenols	7.457	107	1034748	42.881	ng	89
22) Acetophenone	7.475	105	1336204	43.801	ng	100
24) Nitrobenzene	7.645	77	1042530	43.917	ng	94
25) Isophorone	7.886	82	1966357	45.061	ng	100
26) 2-Nitrophenol	7.963	139	507583	48.725	ng	97
27) 2,4-Dimethylphenol	7.986	122	971803	46.239	ng	98
28) bis(2-Chloroethoxy)met...	8.092	93	1183171	44.390	ng	99
29) 2,4-Dichlorophenol	8.198	162	853652	46.345	ng	97
30) 1,2,4-Trichlorobenzene	8.286	180	857120	45.654	ng	99
31) Naphthalene	8.375	128	2798254	43.965	ng	100
32) Benzoic acid	8.104	122	586882	44.102	ng	98
33) 4-Chloroaniline	8.410	127	507037	18.821	ng	99
34) Hexachlorobutadiene	8.486	225	505566	44.918	ng	98
35) Caprolactam	8.786	113	258083m	43.338	ng	
36) 4-Chloro-3-methylphenol	8.886	107	897981	45.966	ng	100
37) 2-Methylnaphthalene	9.063	142	1865839	42.711	ng	99
38) 1-Methylnaphthalene	9.163	142	1743507	42.687	ng	99
40) 1,2,4,5-Tetrachloroben...	9.227	216	827476	45.572	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1116914	109.783	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	619437	48.629	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	659092	45.149	ng	99
46) 1,1'-Biphenyl	9.527	154	2217092	46.015	ng	99
47) 2-Chloronaphthalene	9.557	162	1769600	47.645	ng	99
48) 2-Nitroaniline	9.651	65	549759	48.575	ng	92
49) Acenaphthylene	9.980	152	2667713	46.058	ng	100
50) Dimethylphthalate	9.827	163	2148949	46.570	ng	99
51) 2,6-Dinitrotoluene	9.892	165	491407	50.543	ng	90
52) Acenaphthene	10.151	154	1898654	50.625	ng	99
53) 3-Nitroaniline	10.063	138	370333	33.895	ng	97
54) 2,4-Dinitrophenol	10.169	184	516729	98.632	ng	# 42
55) Dibenzofuran	10.322	168	2532077	46.058	ng	98
56) 4-Nitrophenol	10.216	139	887481	104.448	ng	97
57) 2,4-Dinitrotoluene	10.298	165	654033	53.359	ng	97
58) Fluorene	10.669	166	1962567	45.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.433	232	555726	49.163	ng	99
60) Diethylphthalate	10.527	149	2053144	46.260	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	964353	45.434	ng	98
62) 4-Nitroaniline	10.686	138	505863	48.609	ng	99
63) Azobenzene	10.816	77	2030129	44.638	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	345417	50.531	ng	93
66) n-Nitrosodiphenylamine	10.774	169	1781497	44.119	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	611662	44.276	ng	97
68) Hexachlorobenzene	11.210	284	631349	46.911	ng	97
69) Atrazine	11.298	200	608029	54.473	ng	99
70) Pentachlorophenol	11.404	266	810627	80.070	ng	99
71) Phenanthrene	11.633	178	2786951	44.160	ng	100
72) Anthracene	11.686	178	2816565	43.584	ng	99
73) Carbazole	11.839	167	2628161	44.875	ng	99
74) Di-n-butylphthalate	12.157	149	3127484	43.806	ng	99
75) Fluoranthene	12.827	202	2916316	43.963	ng	98
77) Benzidine	12.939	184	741929	38.449	ng	99
78) Pyrene	13.063	202	2940198	43.359	ng	100
80) Butylbenzylphthalate	13.668	149	1158640	48.182	ng	92
81) Benzo(a)anthracene	14.251	228	2639393	45.804	ng	100
82) 3,3'-Dichlorobenzidine	14.210	252	587027	32.926	ng	# 99
83) Chrysene	14.292	228	2352426	43.692	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1726331	47.536	ng	99
85) Di-n-octyl phthalate	14.851	149	2764123	50.670	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1781225	47.918	ng	99
88) Benzo(b)fluoranthene	15.362	252	2174972	50.698	ng	99
89) Benzo(k)fluoranthene	15.398	252	2170581	51.472	ng	98
90) Benzo(a)pyrene	15.768	252	1757953	45.680	ng	100
91) Dibenzo(a,h)anthracene	17.503	278	1494059	48.433	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1428418	47.620	ng	99

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

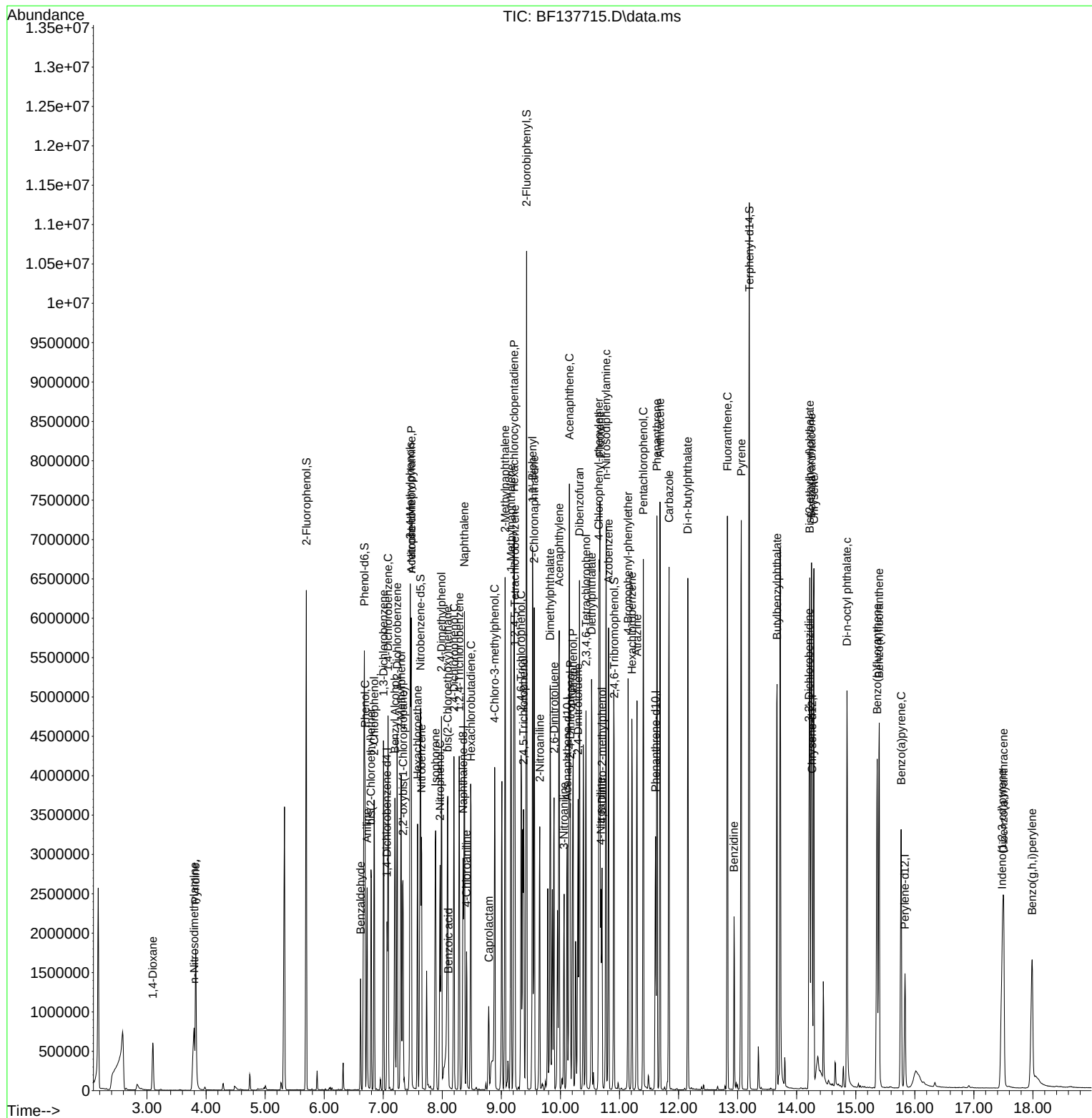
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137715.D
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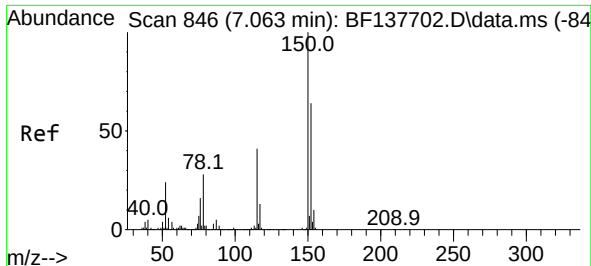
Instrument :
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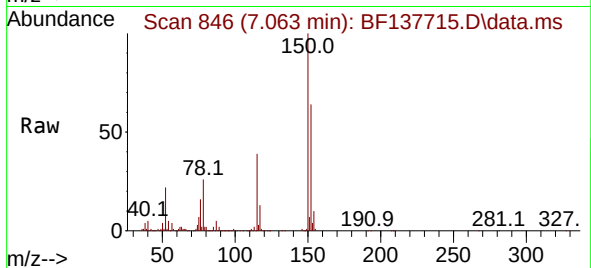
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

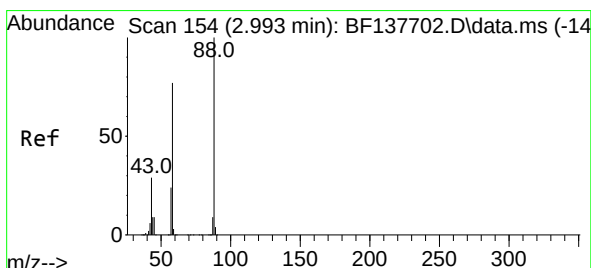
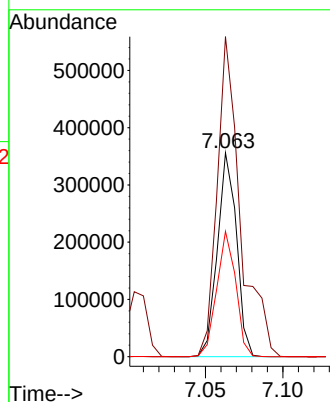
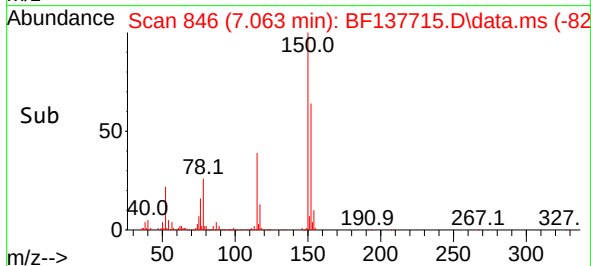


Tgt Ion:152 Resp: 306000
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.4
115 61.5 50.8 76.2

Manual Integrations

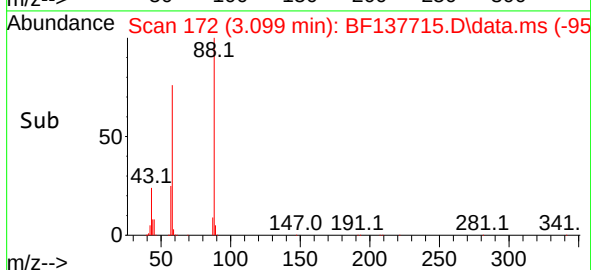
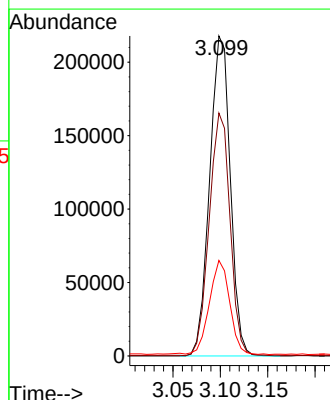
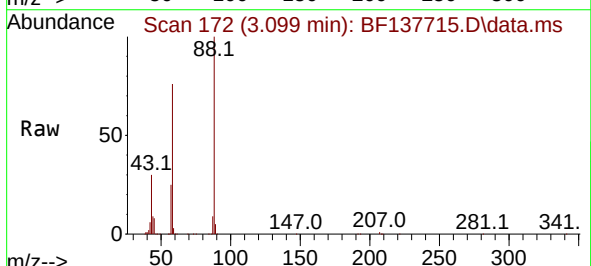
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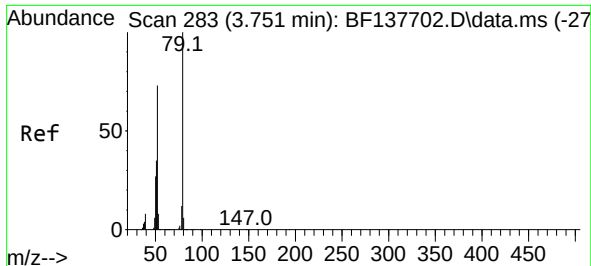
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 36.569 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

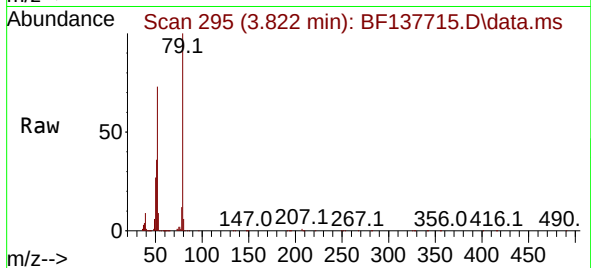
Tgt Ion: 88 Resp: 329868
Ion Ratio Lower Upper
88 100
58 76.3 62.4 93.6
43 29.2 23.7 35.5





#3
Pyridine
Concen: 35.492 ng
RT: 3.822 min Scan# 290
Delta R.T. 0.071 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

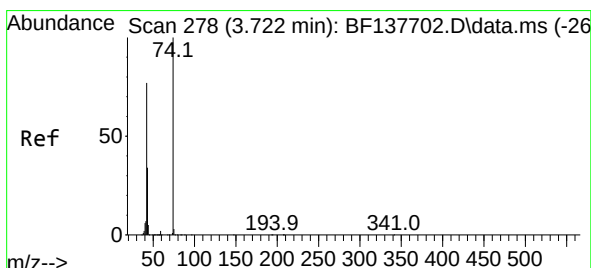
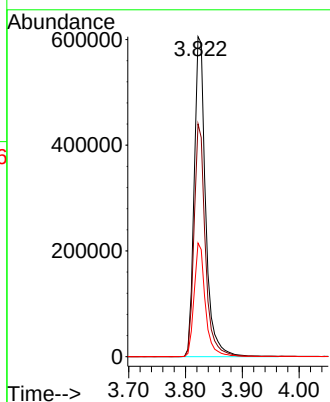
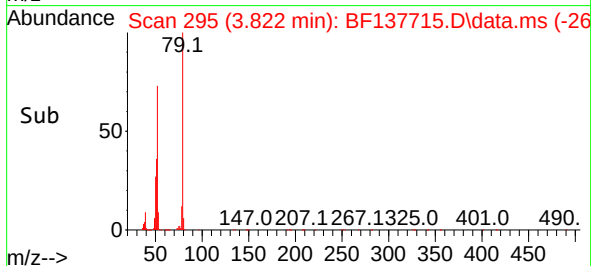
Instrument :
BNA_F
ClientSampleId :
PB160462BS



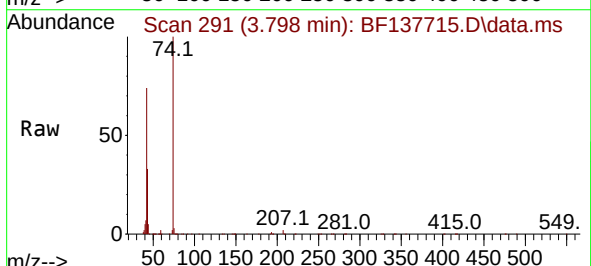
Tgt Ion: 79 Resp: 852854
Ion Ratio Lower Upper
79 100
52 72.7 58.0 87.0
51 35.5 27.9 41.9

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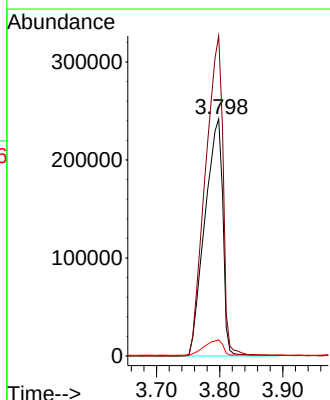
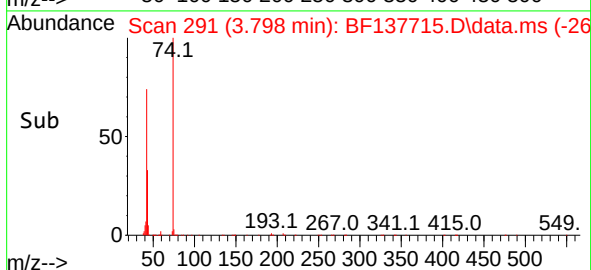
Reviewed By :Yogesh Patel 04/26/2024
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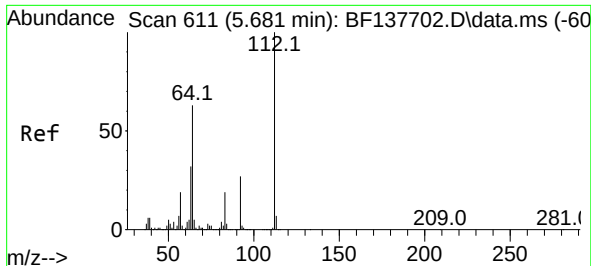


#4
n-Nitrosodimethylamine
Concen: 42.541 ng
RT: 3.798 min Scan# 291
Delta R.T. 0.076 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion: 42 Resp: 477075
Ion Ratio Lower Upper
42 100
74 135.0 103.4 155.2
44 6.8 5.5 8.3





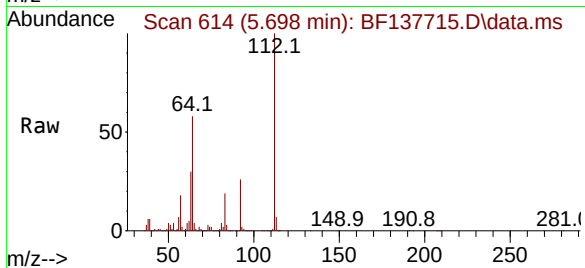
#5
2-Fluorophenol
Concen: 86.881 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

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PB160462BS



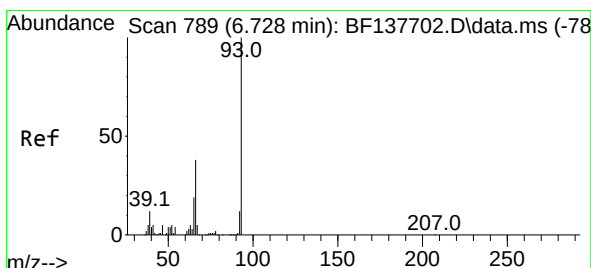
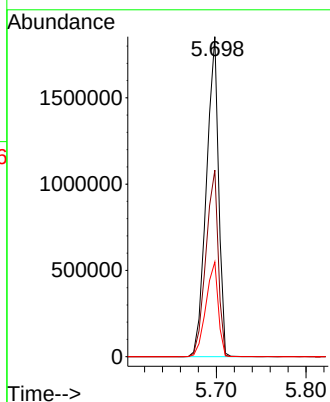
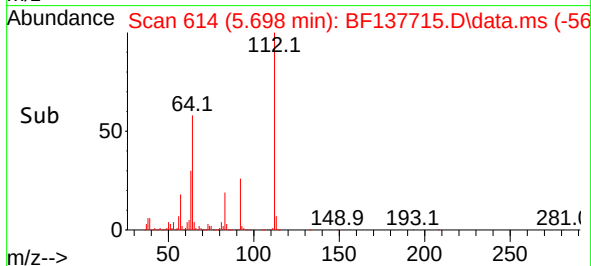
Tgt Ion: 112 Resp: 175019
Ion Ratio Lower Upper
112 100
64 58.3 50.1 75.1
63 29.6 25.2 37.8

Manual Integrations

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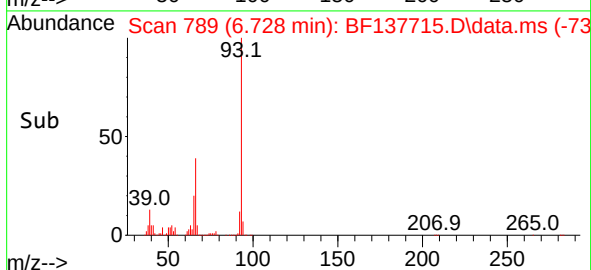
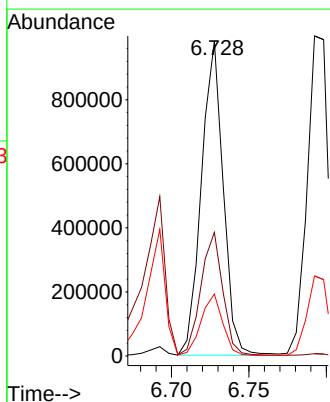
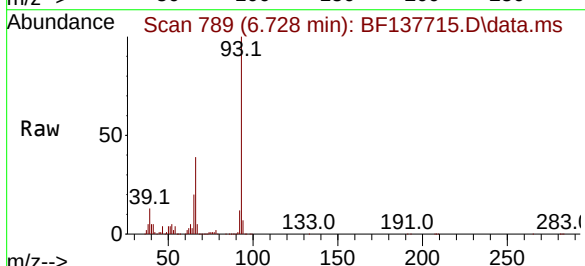
Reviewed By :Yogesh Patel 04/26/2024

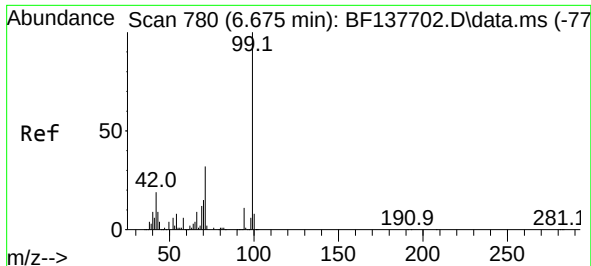
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 30.211 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

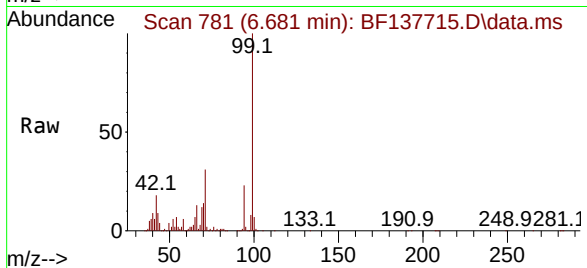
Tgt Ion: 93 Resp: 961924
Ion Ratio Lower Upper
93 100
66 39.3 32.1 48.1
65 19.6 16.4 24.6





#7
Phenol-d6
Concen: 87.207 ng
RT: 6.681 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

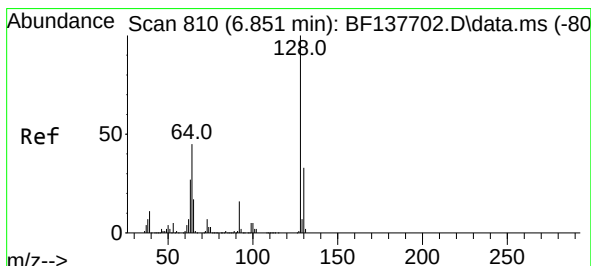
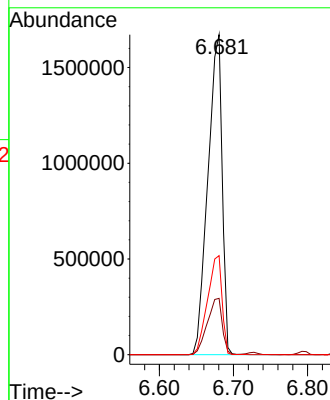
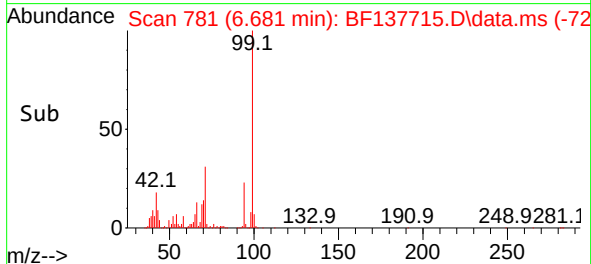
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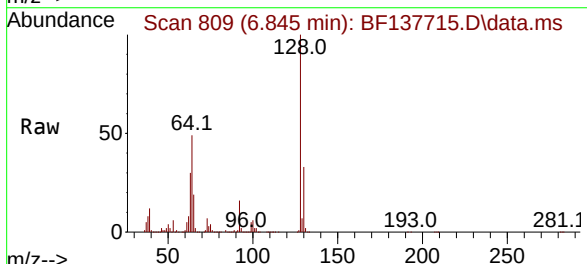
Tgt Ion: 99 Resp: 2230900
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 30.9 25.7 38.5

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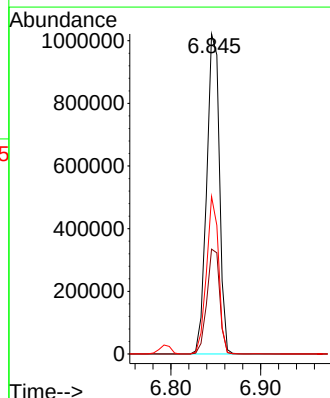
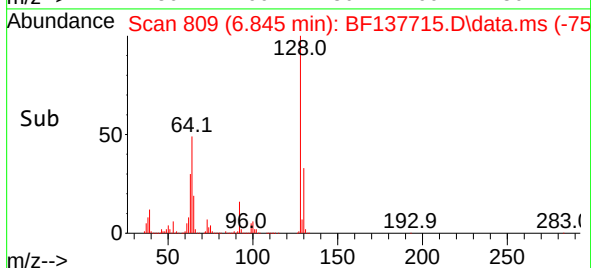
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

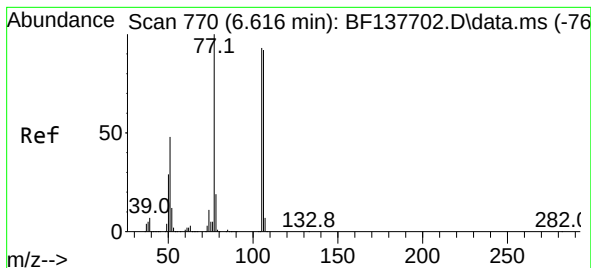


#8
2-Chlorophenol
Concen: 47.940 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:128 Resp: 1008113
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 49.2 24.7 64.7





#9

Benzaldehyde

Concen: 15.812 ng

RT: 6.616 min Scan# 770

Delta R.T. -0.000 min

Lab File: BF137715.D

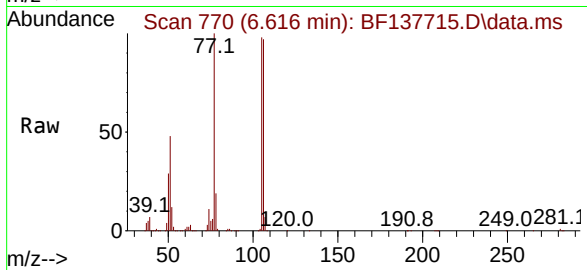
Acq: 24 Apr 2024 13:11

Instrument :

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Tgt Ion: 77 Resp: 22700

Ion Ratio Lower Upper

77 100

105 98.1 73.3 113.3

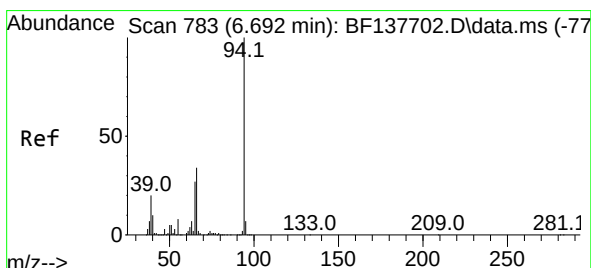
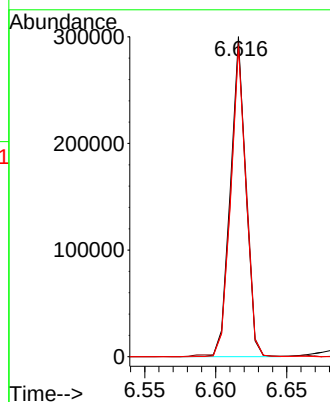
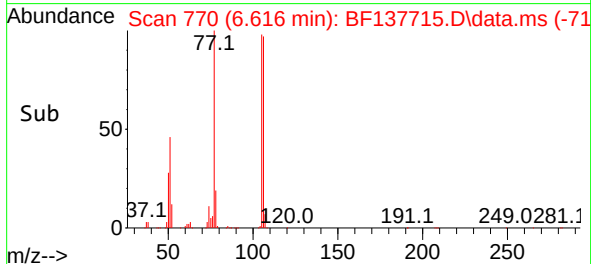
106 96.9 72.1 112.1

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#10

Phenol

Concen: 46.362 ng

RT: 6.692 min Scan# 783

Delta R.T. -0.000 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

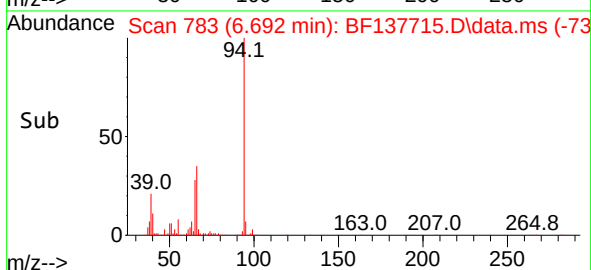
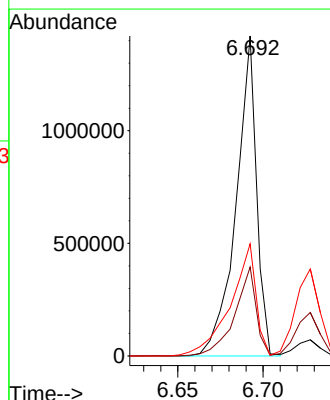
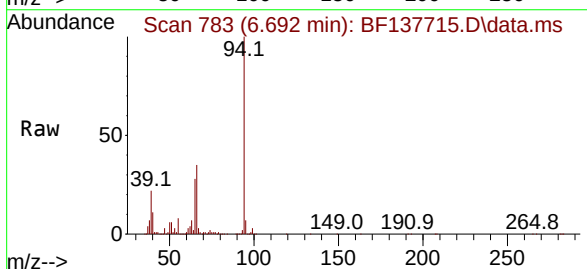
Tgt Ion: 94 Resp: 1184837

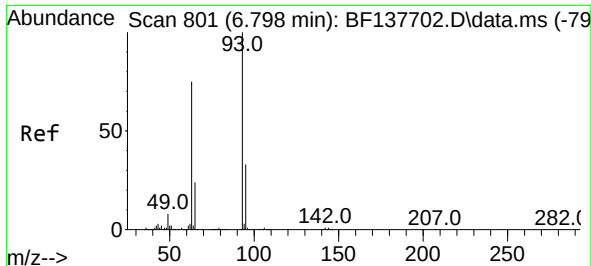
Ion Ratio Lower Upper

94 100

65 27.8 6.5 46.5

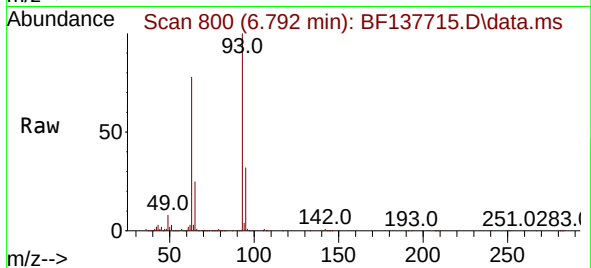
66 35.0 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 44.578 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

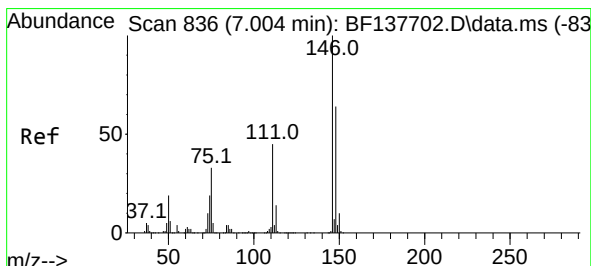
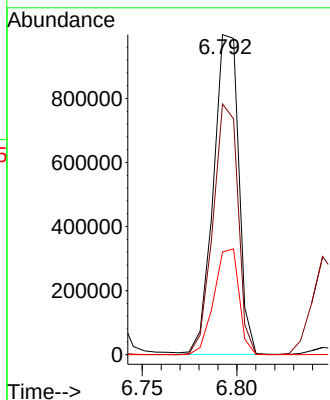
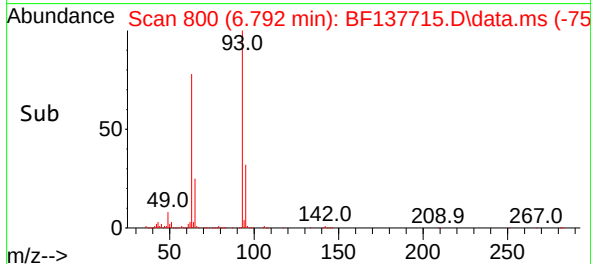
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion: 93 Resp: 92923
Ion Ratio Lower Upper
93 100
63 78.4 54.8 94.8
95 32.1 13.2 53.2

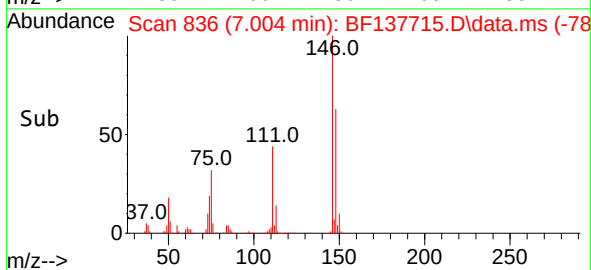
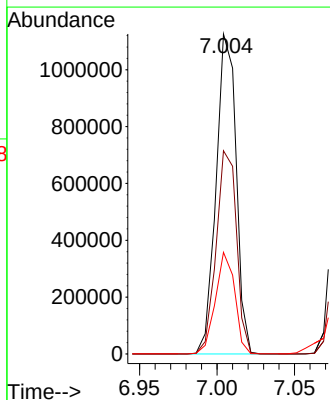
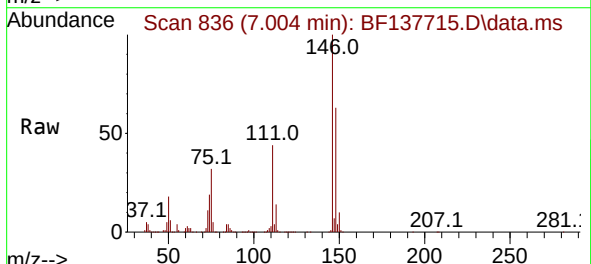
Manual Integrations
APPROVED

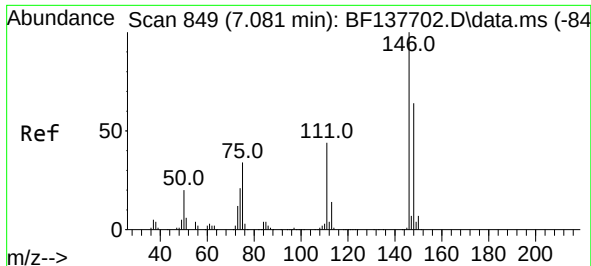
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 45.971 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:146 Resp: 1013782
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
75 31.8 26.4 39.6





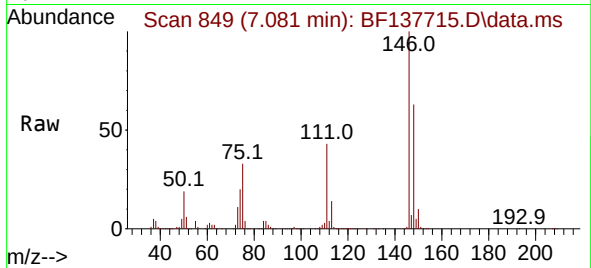
#13
1,4-Dichlorobenzene
Concen: 45.907 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

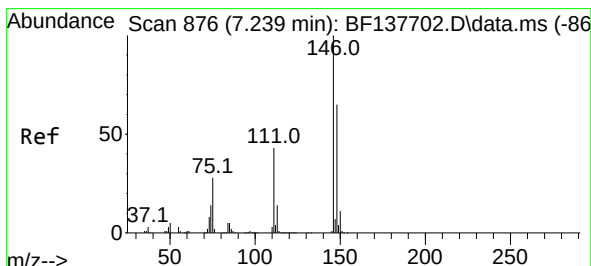
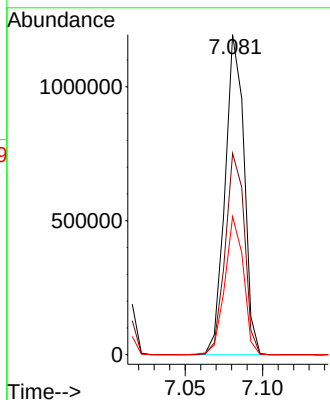
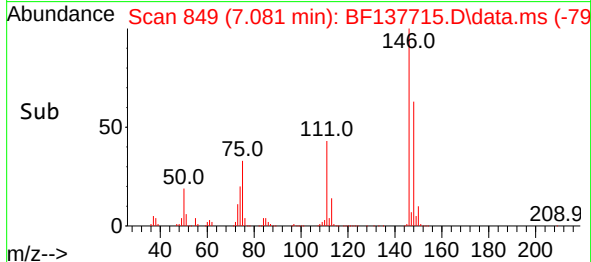


Tgt Ion:146 Resp: 1019228
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 43.2 35.0 52.6

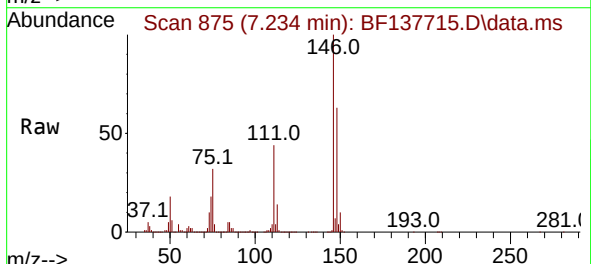
Manual Integrations

APPROVED

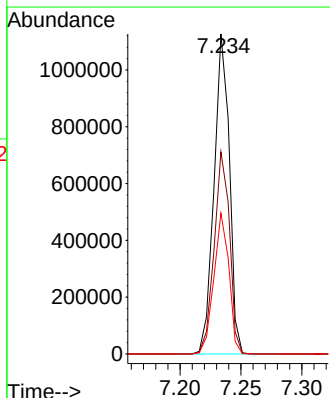
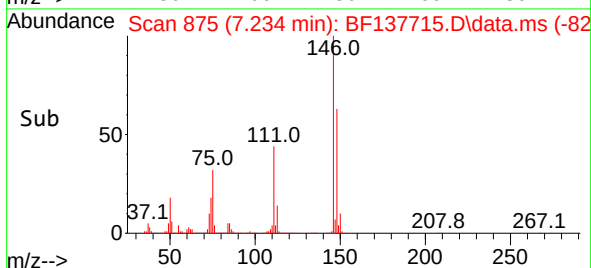
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

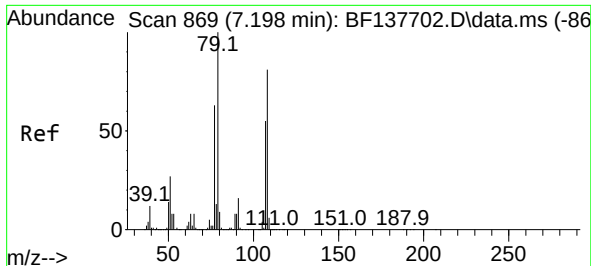


#14
1,2-Dichlorobenzene
Concen: 47.689 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:146 Resp: 985549
Ion Ratio Lower Upper
146 100
148 63.2 52.1 78.1
111 44.0 34.5 51.7





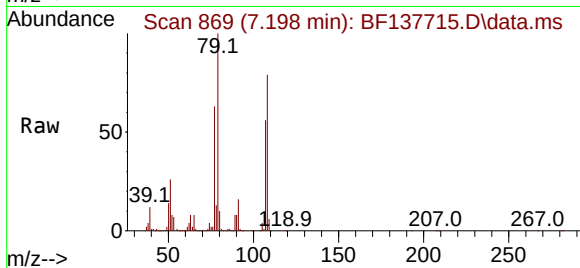
#15
Benzyl Alcohol
Concen: 44.346 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



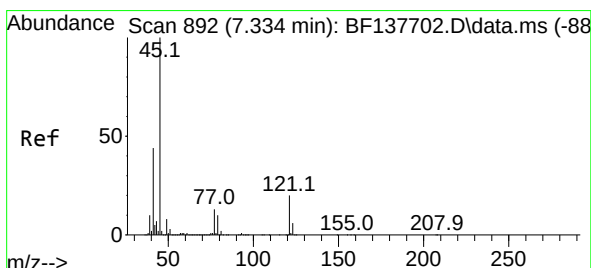
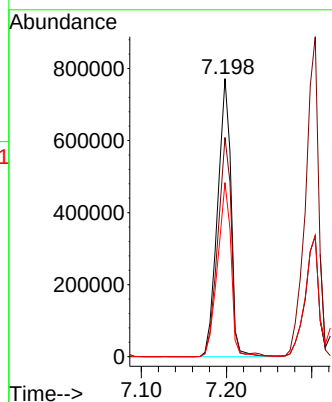
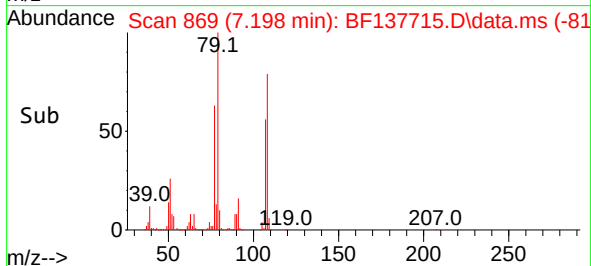
Tgt Ion: 79 Resp: 84865
Ion Ratio Lower Upper
79 100
108 78.8 64.8 97.2
77 62.6 50.3 75.5

Manual Integrations

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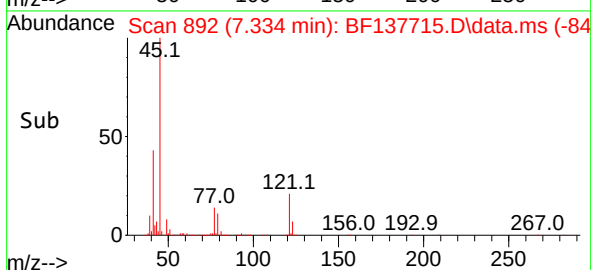
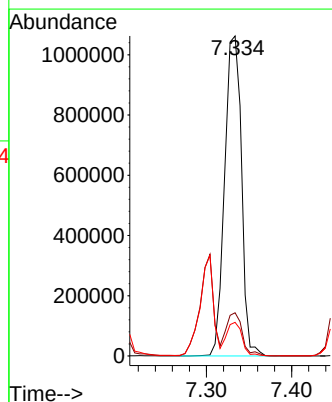
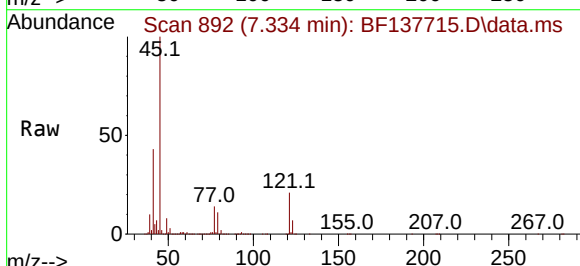
Reviewed By :Yogesh Patel 04/26/2024

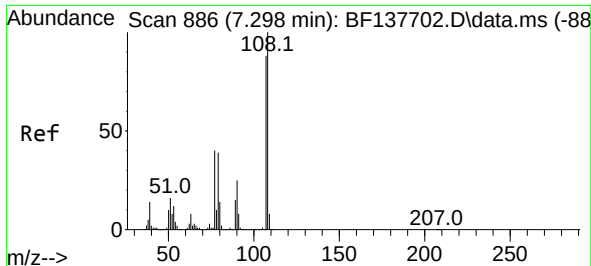
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.288 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

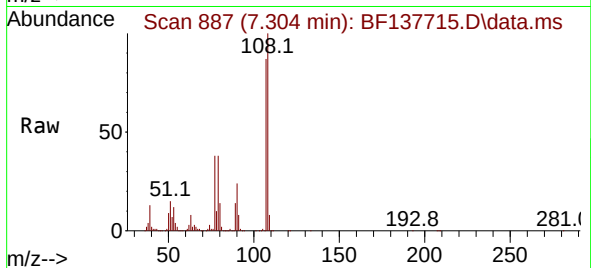
Tgt Ion: 45 Resp: 1451816
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.5 0.0 30.1





#17
2-Methylphenol
Concen: 43.711 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

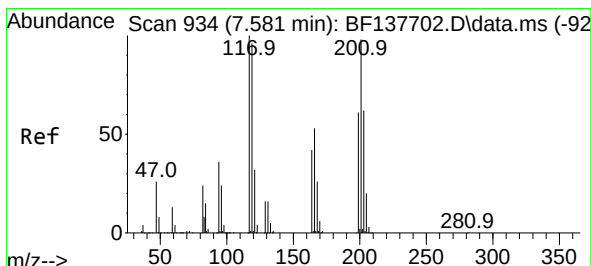
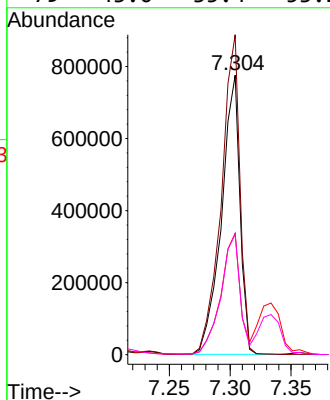
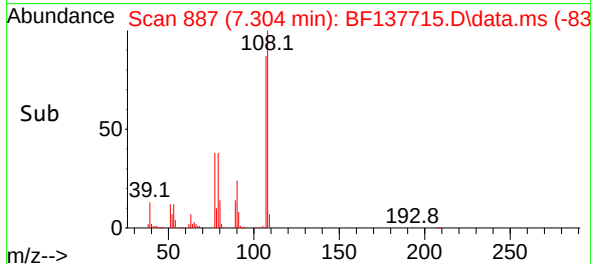
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion:107 Resp: 81666
Ion Ratio Lower Upper
107 100
108 114.5 90.6 135.8
77 43.4 35.8 53.8
79 43.0 35.4 53.2

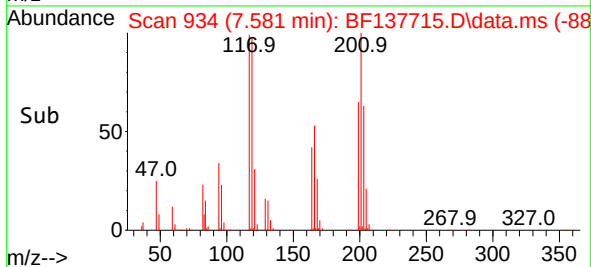
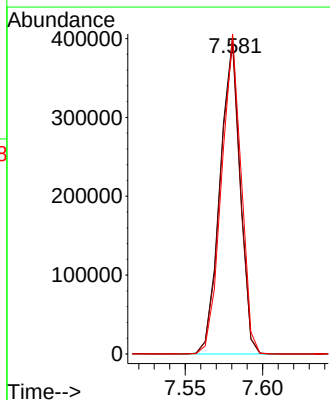
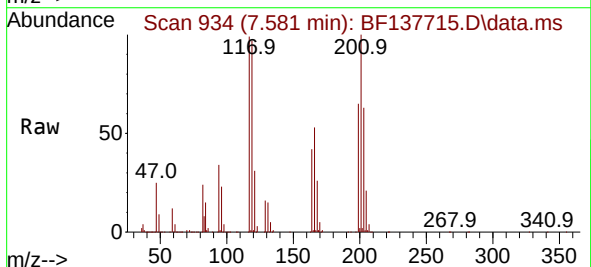
Manual Integrations
APPROVED

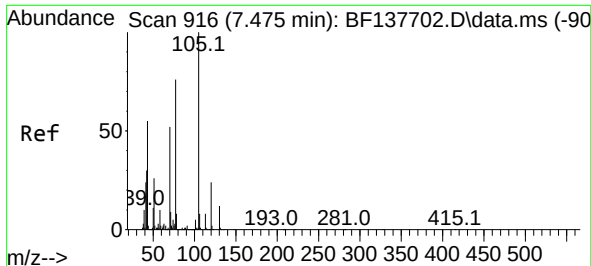
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 45.937 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:117 Resp: 360964
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7
201 100.9 78.1 117.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.078 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF137715.D

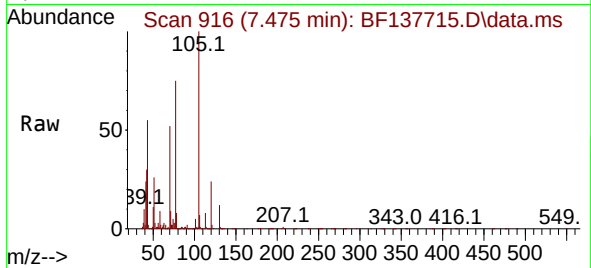
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion: 70 Resp: 71259

Ion Ratio Lower Upper

70 100

42 57.3 45.9 68.9

101 9.8 8.0 12.0

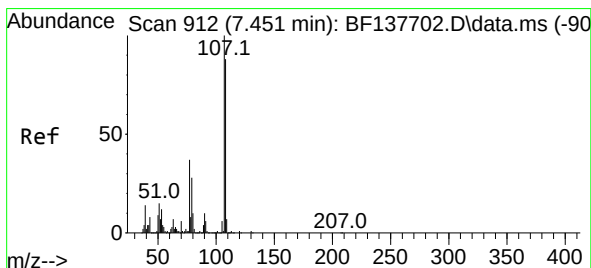
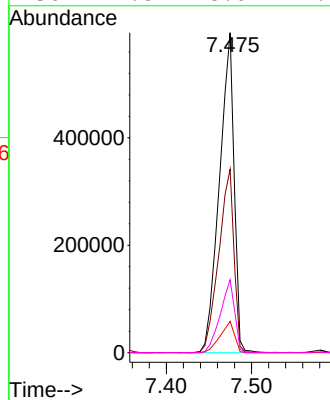
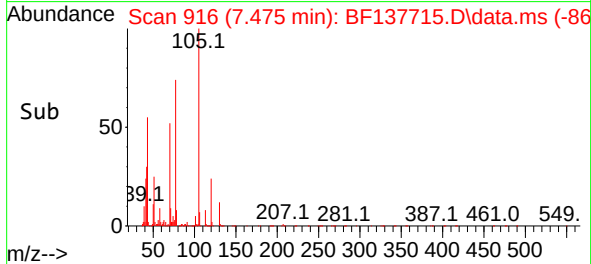
130 22.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#20

3+4-Methylphenols

Concen: 42.881 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Tgt Ion:107 Resp: 1034748

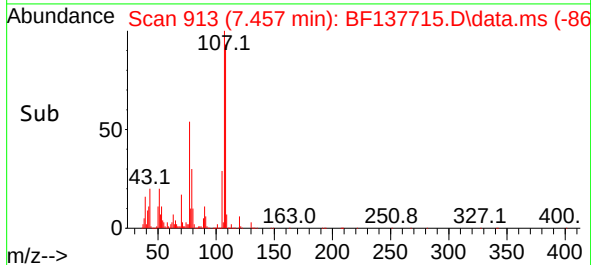
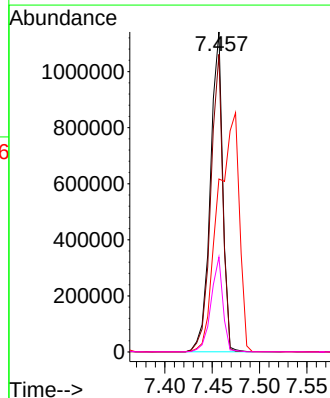
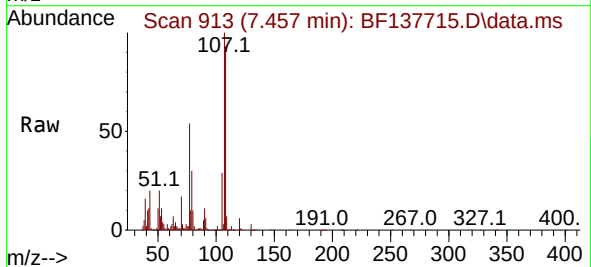
Ion Ratio Lower Upper

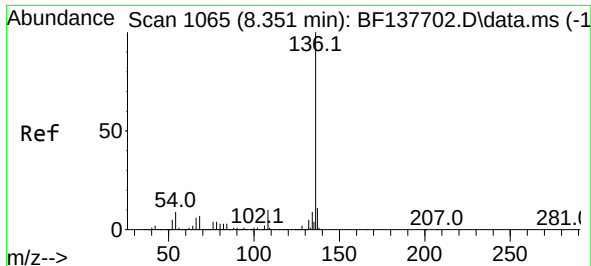
107 100

108 93.0 68.2 108.2

77 54.0 16.8 56.8

79 29.6 7.7 47.7





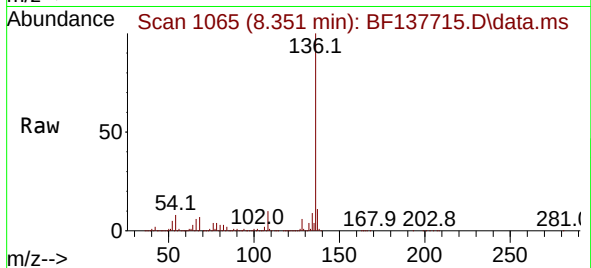
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion:136 Resp: 124726

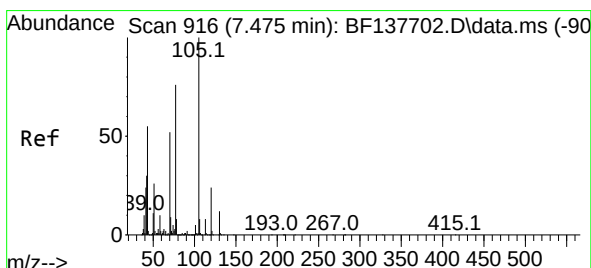
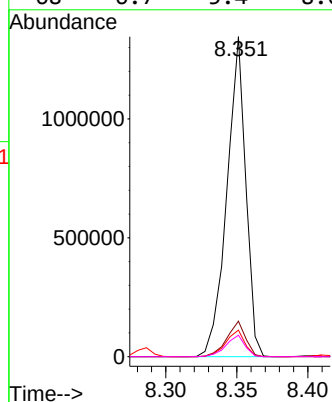
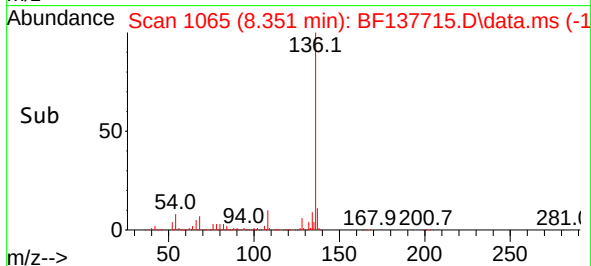
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	6.9	10.3
68	6.7	5.4	8.0

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

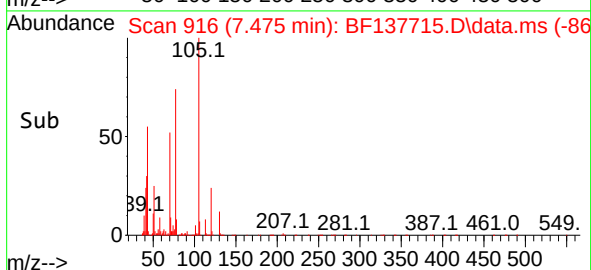
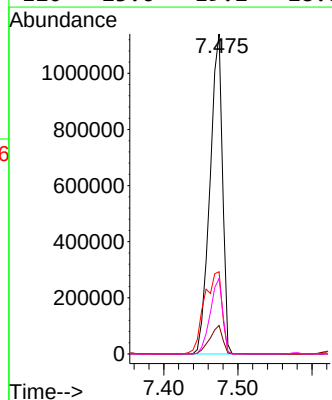
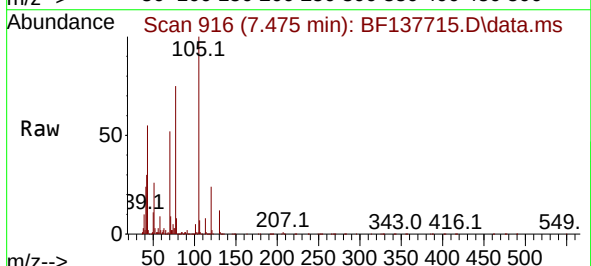
Supervised By :mohammad ahmed 04/27/2024

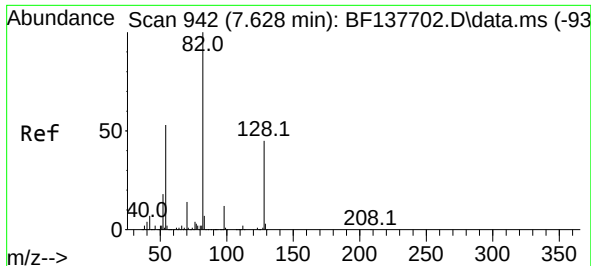


#22
Acetophenone
Concen: 43.801 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:105 Resp: 1336204

Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.0	10.6
51	25.7	20.5	30.7
120	23.6	19.2	28.8





#23

Nitrobenzene-d5

Concen: 84.025 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF137715.D

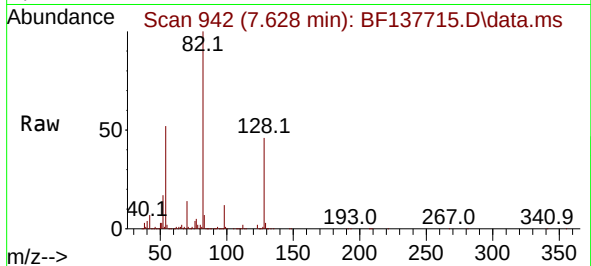
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion: 82 Resp: 197428

Ion Ratio Lower Upper

82 100

128 46.1 35.8 53.6

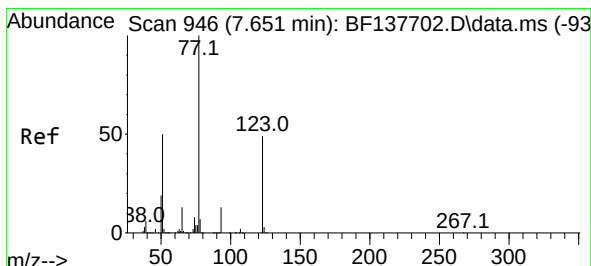
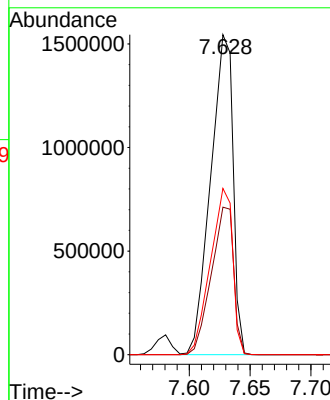
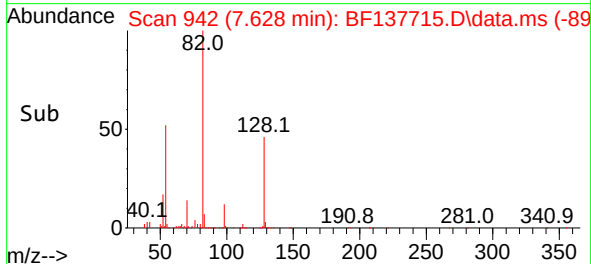
54 52.0 42.5 63.7

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 43.917 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

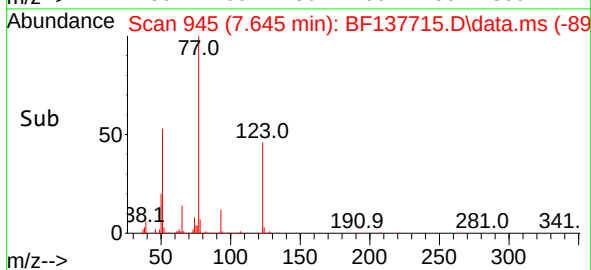
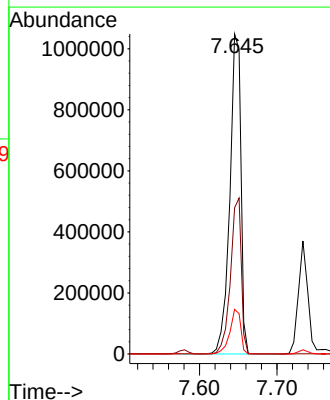
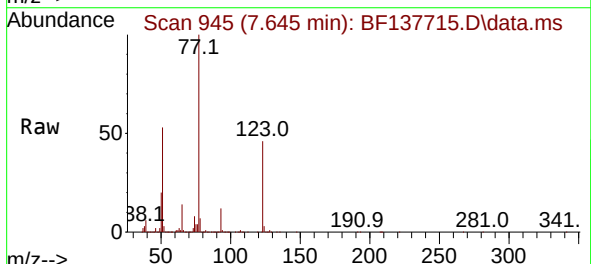
Tgt Ion: 77 Resp: 1042530

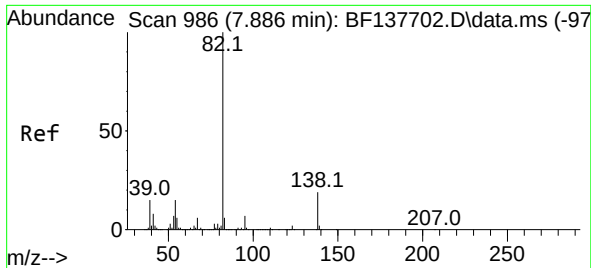
Ion Ratio Lower Upper

77 100

123 45.7 40.4 60.6

65 13.9 10.7 16.1





#25
Isophorone
Concen: 45.061 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

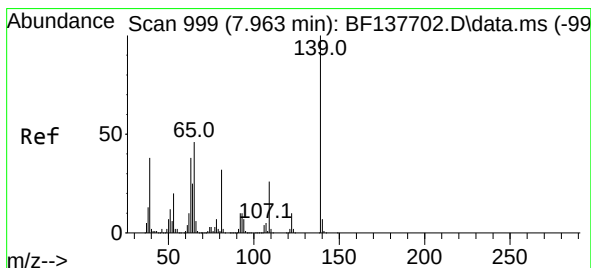
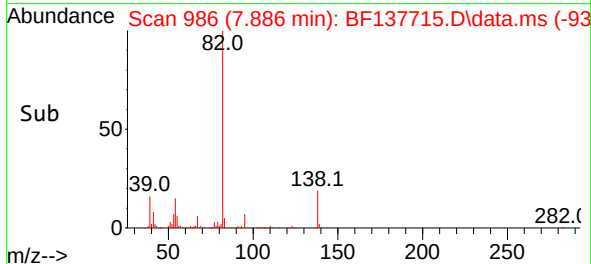
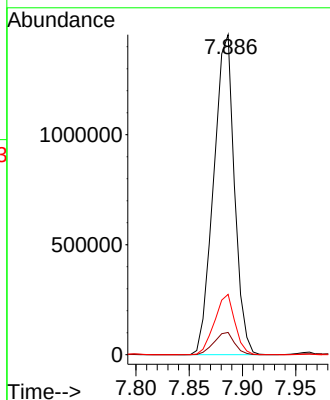
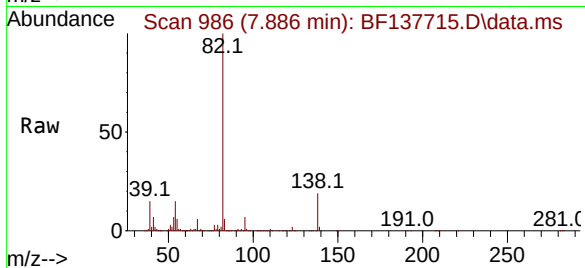
ClientSampleId :

PB160462BS

Tgt Ion: 82 Resp: 196635
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.9 15.3 22.9

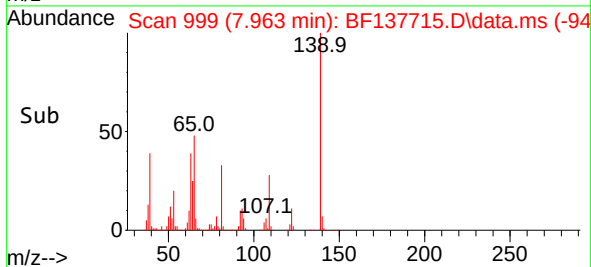
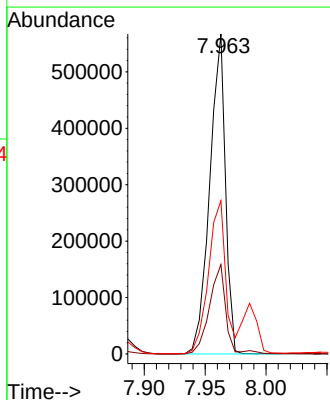
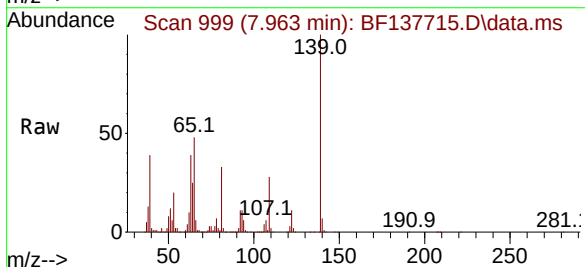
Manual Integrations
APPROVED

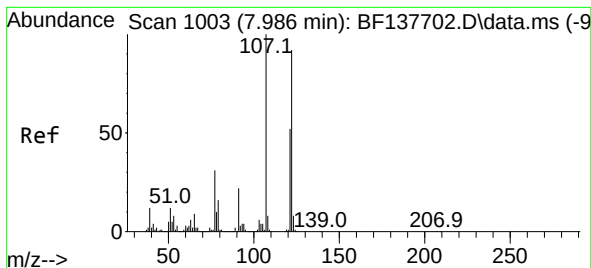
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 48.725 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:139 Resp: 507583
Ion Ratio Lower Upper
139 100
109 28.0 21.1 31.7
65 47.9 37.1 55.7





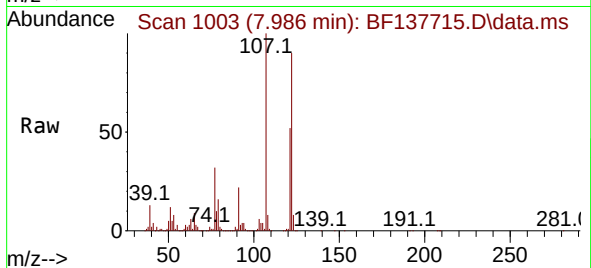
#27
2,4-Dimethylphenol
Concen: 46.239 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



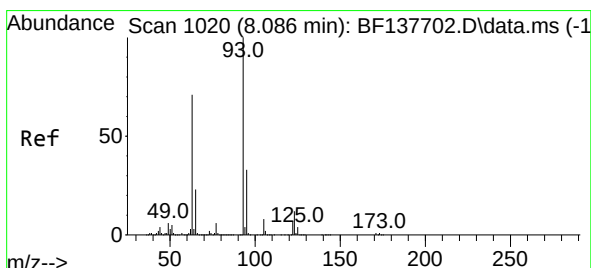
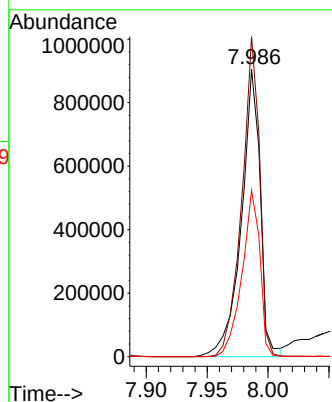
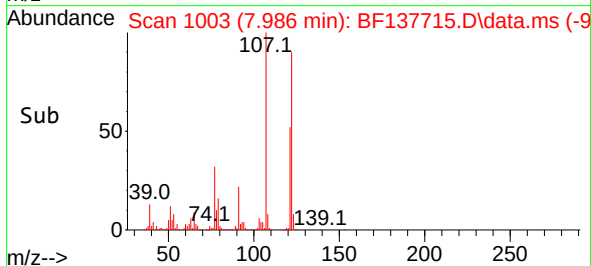
Tgt Ion:122 Resp: 971800
Ion Ratio Lower Upper
122 100
107 111.3 87.2 130.8
121 57.9 45.2 67.8

Manual Integrations

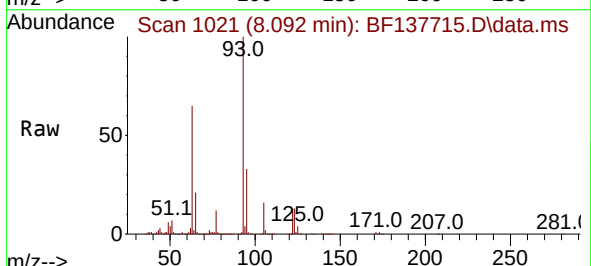
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

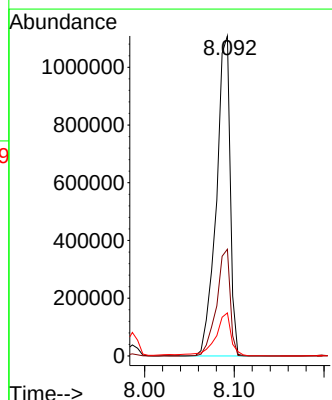
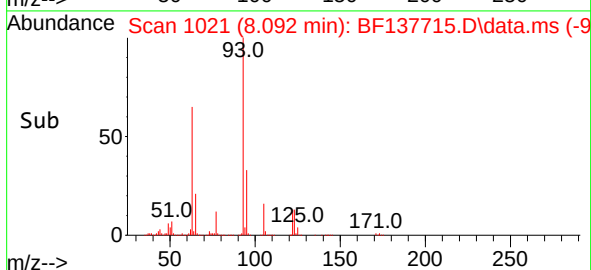
Supervised By :mohammad ahmed 04/27/2024

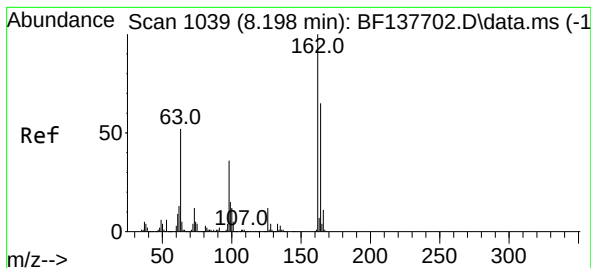


#28
bis(2-Chloroethoxy)methane
Concen: 44.390 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion: 93 Resp: 1183171
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 13.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.345 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137715.D

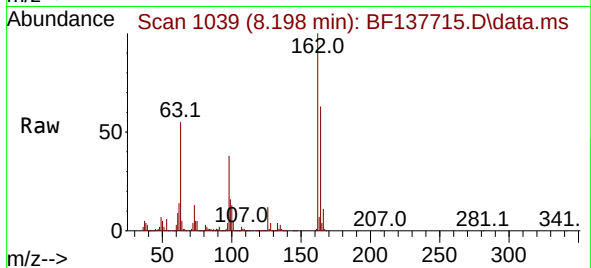
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion:162 Resp: 853652

Ion Ratio Lower Upper

162 100

164 63.5 45.2 85.2

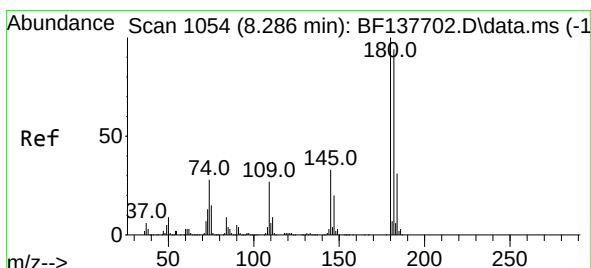
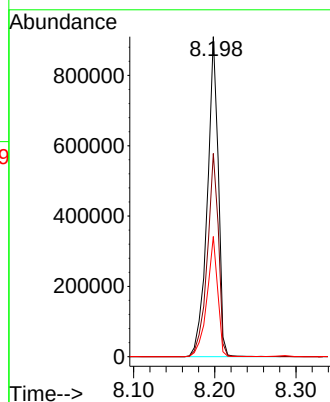
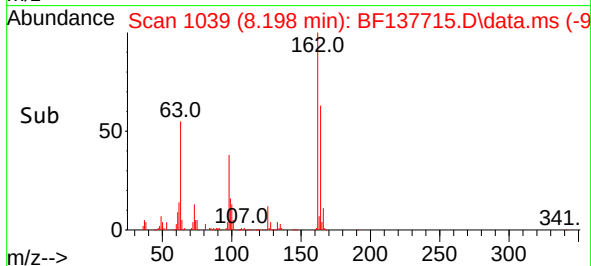
98 37.6 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.654 ng

RT: 8.286 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

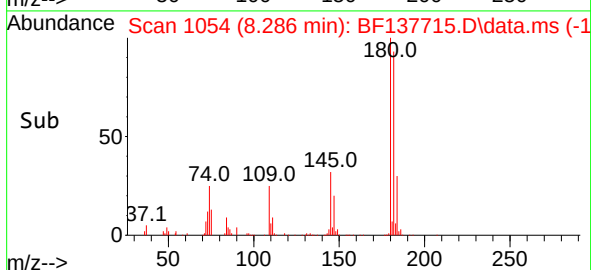
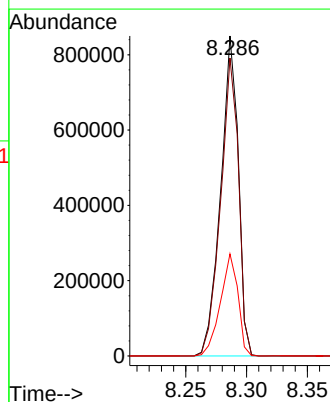
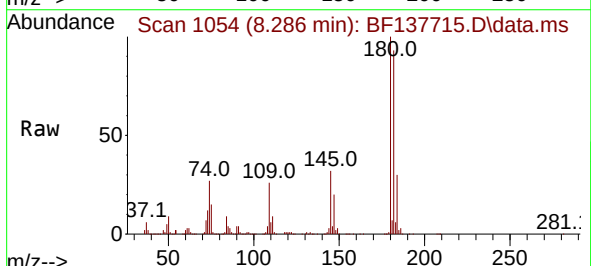
Tgt Ion:180 Resp: 857120

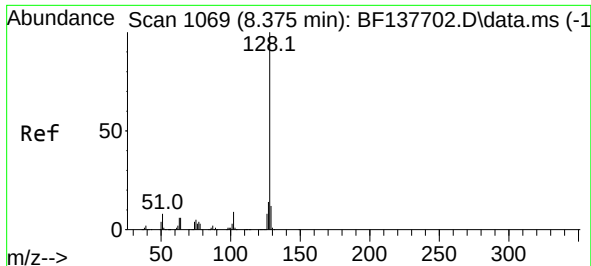
Ion Ratio Lower Upper

180 100

182 93.1 75.4 113.2

145 31.9 26.3 39.5





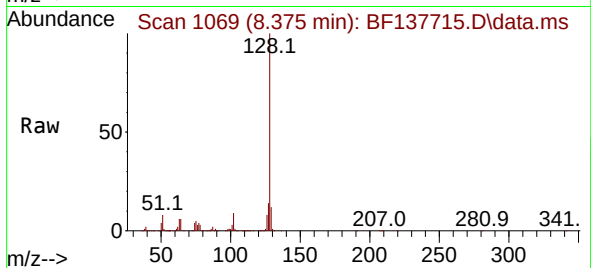
#31
Naphthalene
Concen: 43.965 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



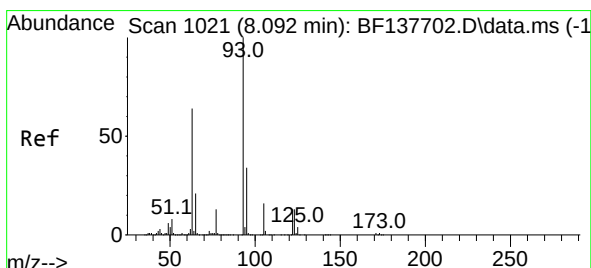
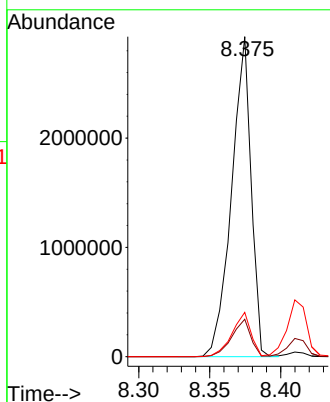
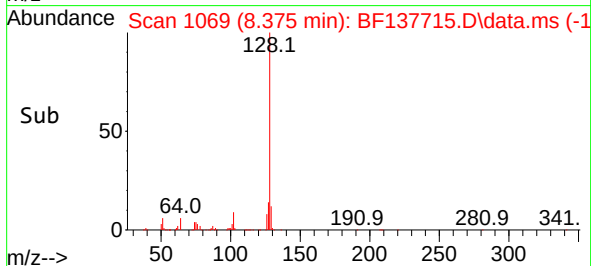
Tgt Ion:128 Resp: 2798254
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.8 11.0 16.6

Manual Integrations

APPROVED

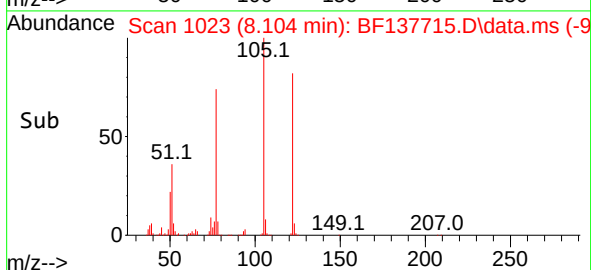
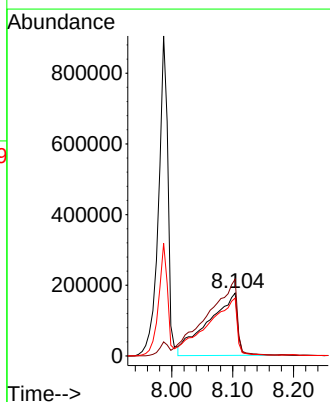
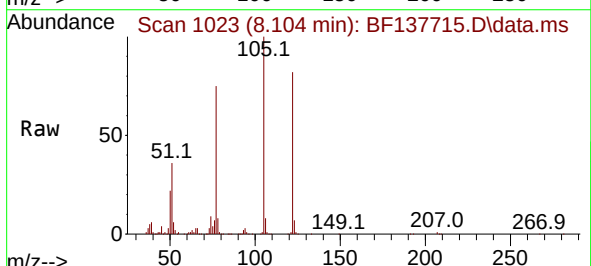
Reviewed By :Yogesh Patel 04/26/2024

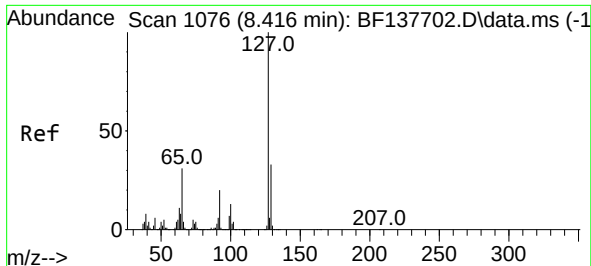
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 44.102 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:122 Resp: 586882
Ion Ratio Lower Upper
122 100
105 122.2 101.1 141.1
77 92.1 75.7 115.7





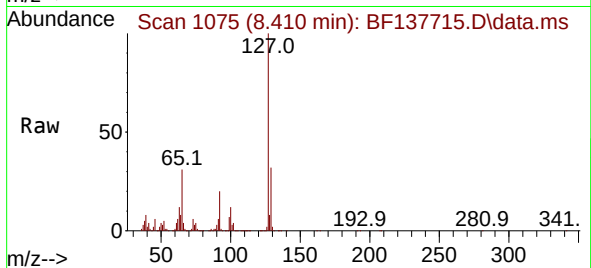
#33
4-Chloroaniline
Concen: 18.821 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



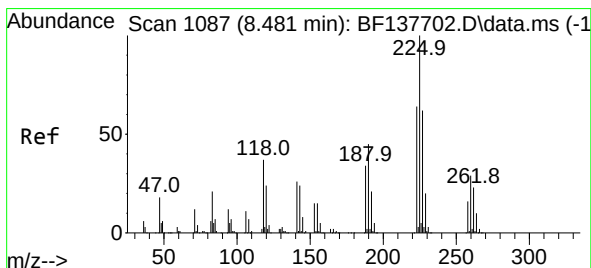
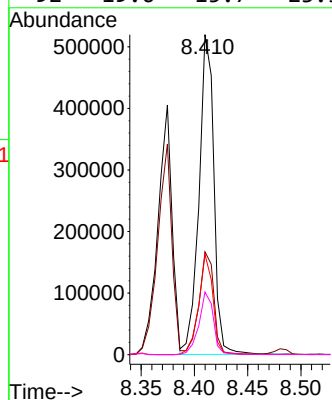
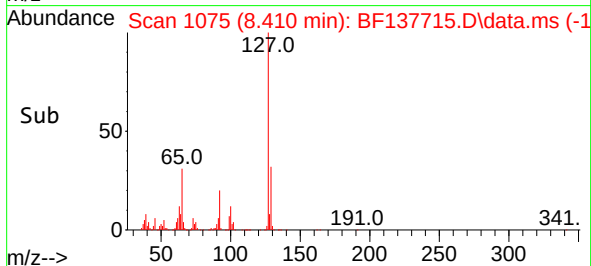
Tgt Ion:127 Resp: 50703
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 31.3 24.6 36.8
92 19.6 15.7 23.5

Manual Integrations

APPROVED

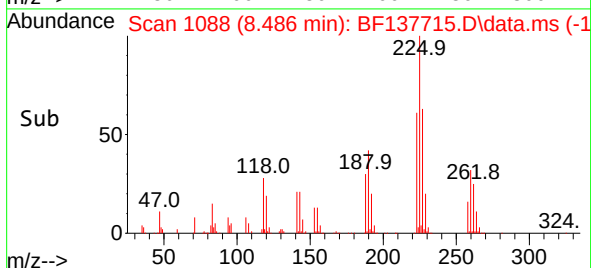
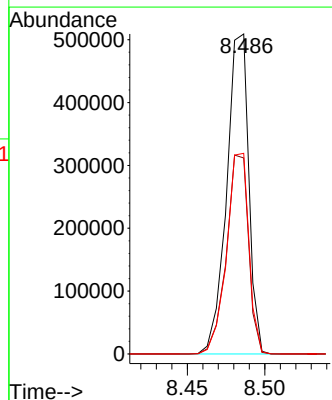
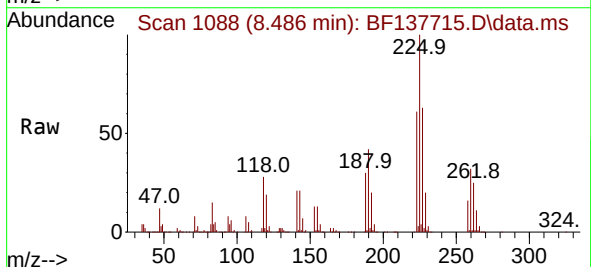
Reviewed By :Yogesh Patel 04/26/2024

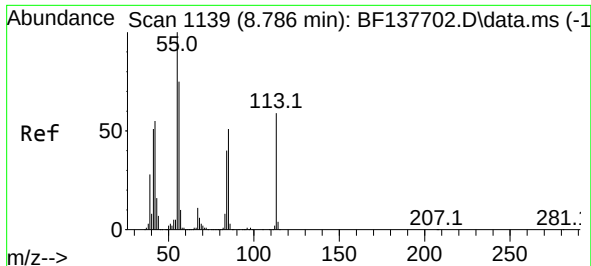
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 44.918 ng
RT: 8.486 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

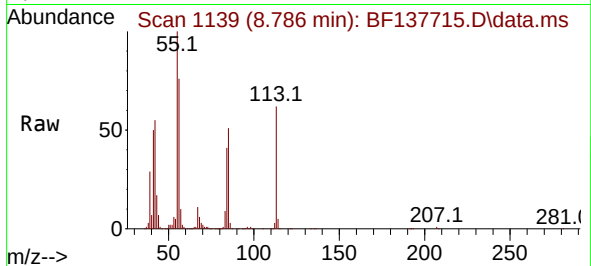
Tgt Ion:225 Resp: 505566
Ion Ratio Lower Upper
225 100
223 61.3 51.4 77.0
227 62.7 49.4 74.2





#35
Caprolactam
Concen: 43.338 ng m
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

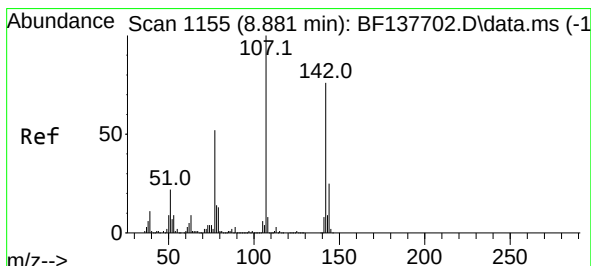
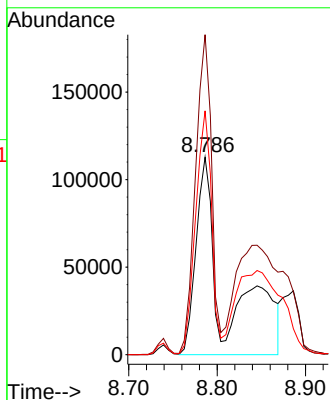
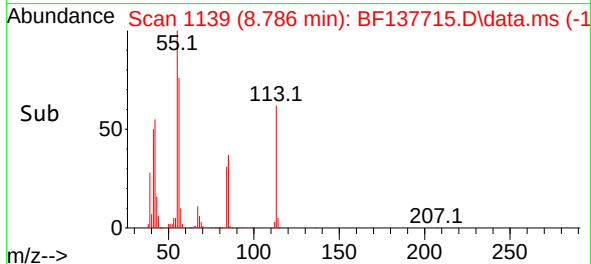
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion:113 Resp: 25808
Ion Ratio Lower Upper
113 100
55 162.1 148.7 188.7
56 123.5 107.2 147.2

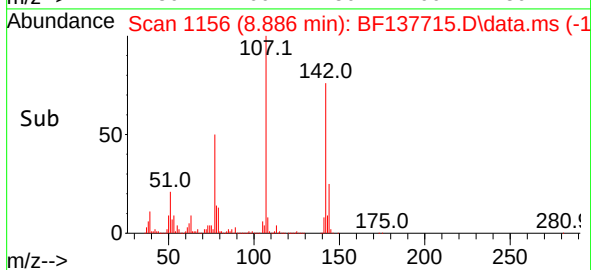
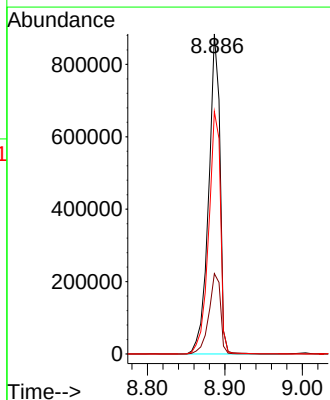
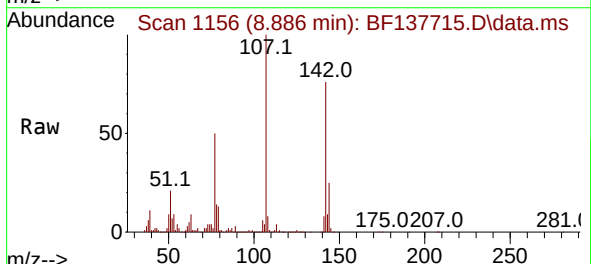
Manual Integrations
APPROVED

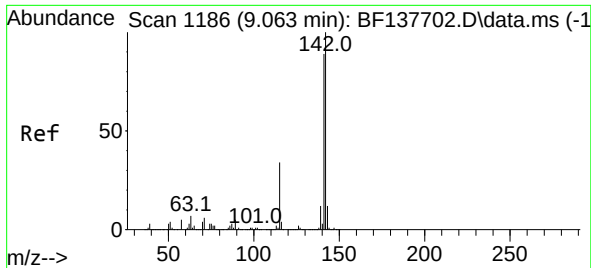
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#36
4-Chloro-3-methylphenol
Concen: 45.966 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:107 Resp: 897981
Ion Ratio Lower Upper
107 100
144 25.1 19.8 29.8
142 75.7 60.5 90.7





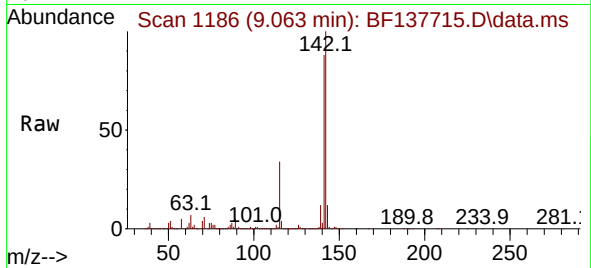
#37
2-Methylnaphthalene
Concen: 42.711 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



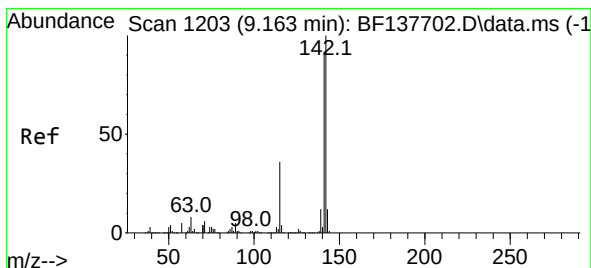
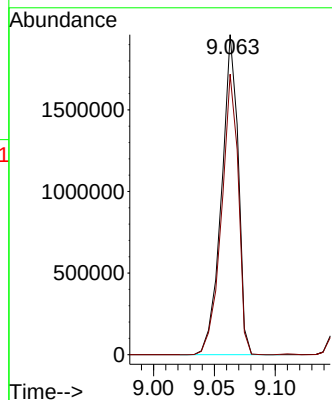
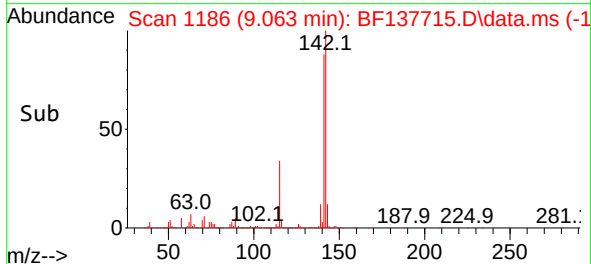
Tgt Ion:142 Resp: 1865839
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8

Manual Integrations

APPROVED

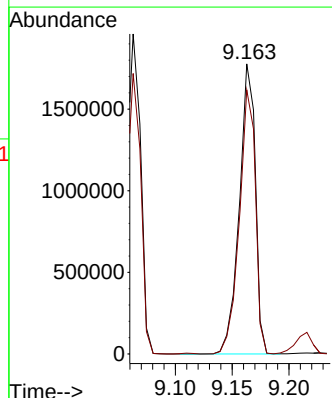
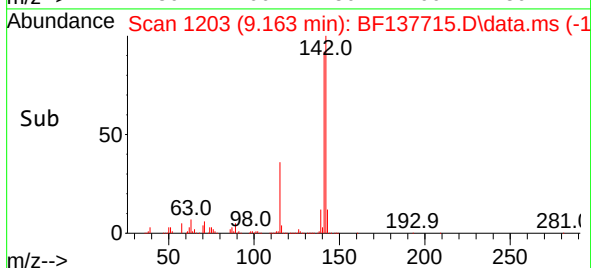
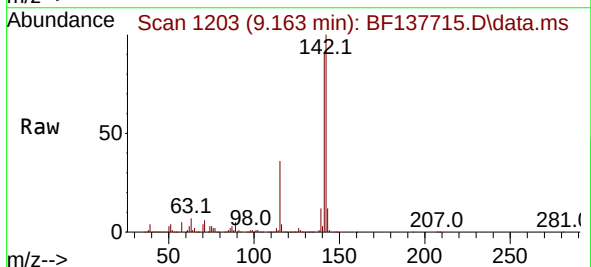
Reviewed By :Yogesh Patel 04/26/2024

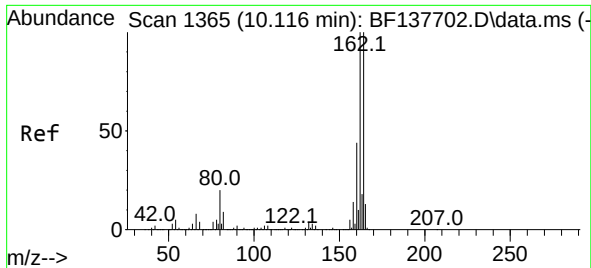
Supervised By :mohammad ahmed 04/27/2024



#38
1-Methylnaphthalene
Concen: 42.687 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:142 Resp: 1743507
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0





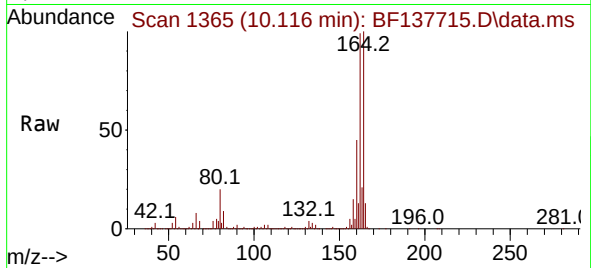
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



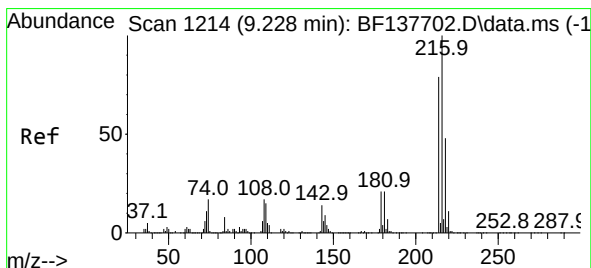
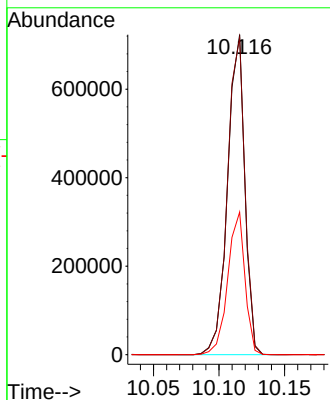
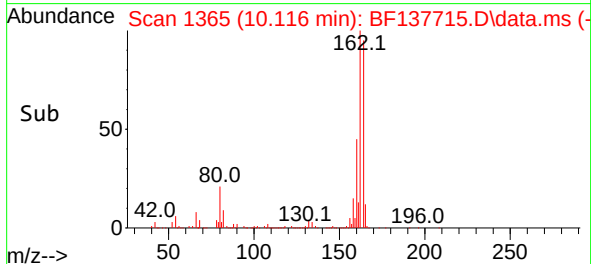
Tgt Ion:164 Resp: 662309
Ion Ratio Lower Upper
164 100
162 99.1 80.3 120.5
160 44.6 35.0 52.4

Manual Integrations

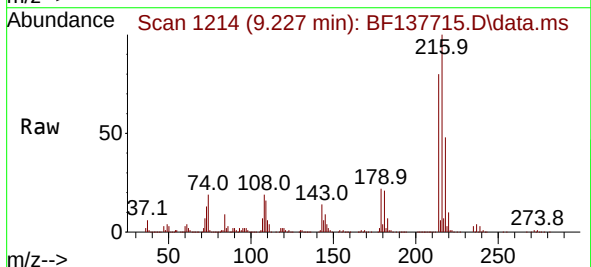
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

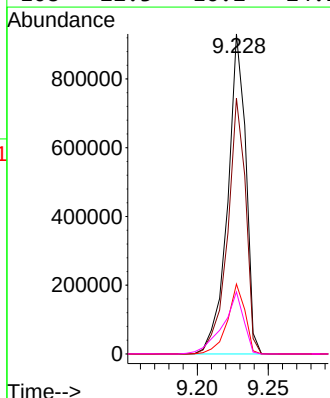
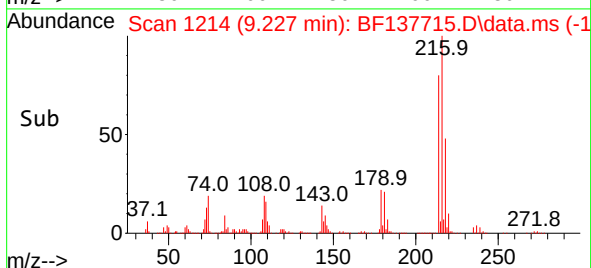
Supervised By :mohammad ahmed 04/27/2024

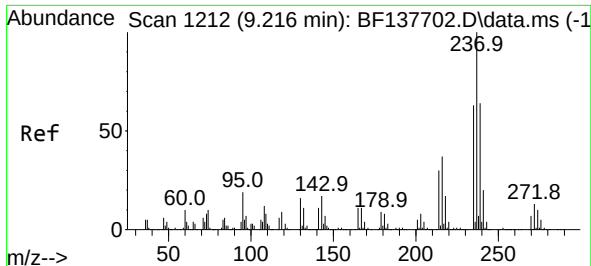


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.572 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



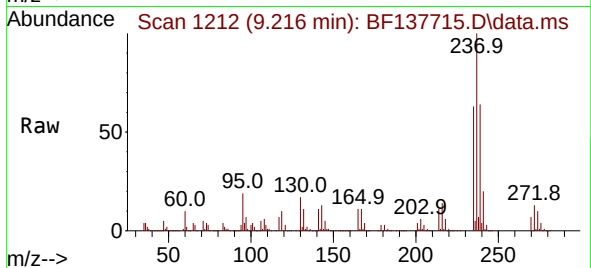
Tgt Ion:216 Resp: 827476
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.1 17.1 25.7
108 22.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 109.783 ng
RT: 9.216 min Scan# 1116914
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

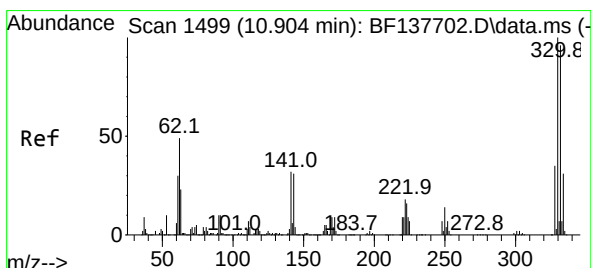
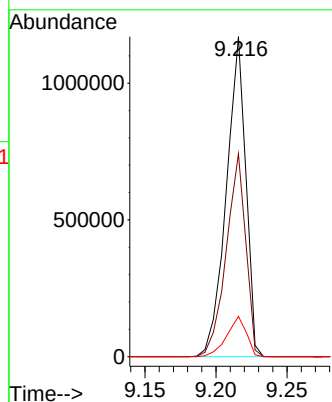
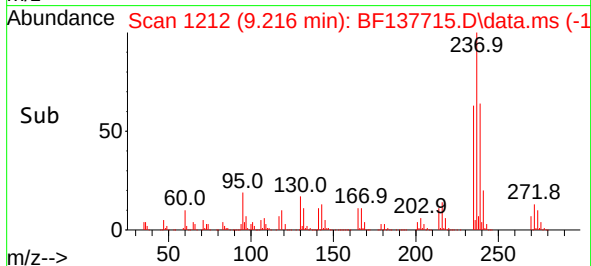
Instrument :
BNA_F
ClientSampleId :
PB160462BS



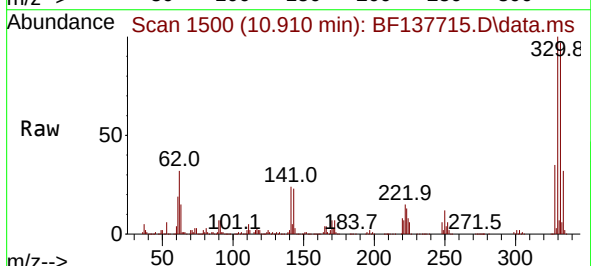
Tgt Ion:237 Resp: 1116914
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 12.6 0.0 33.1

Manual Integrations
APPROVED

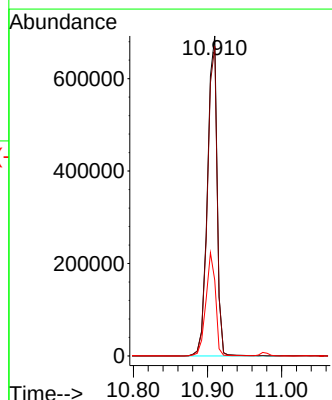
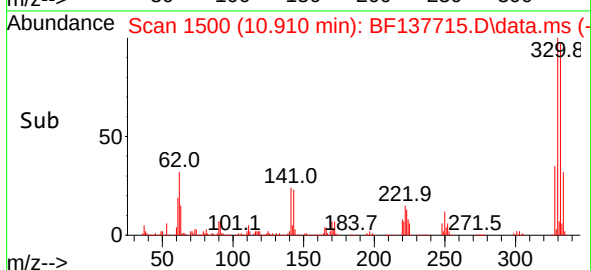
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

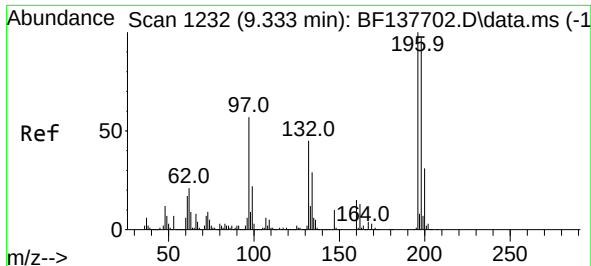


#42
2,4,6-Tribromophenol
Concen: 93.669 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:330 Resp: 626006
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 32.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.629 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF137715.D

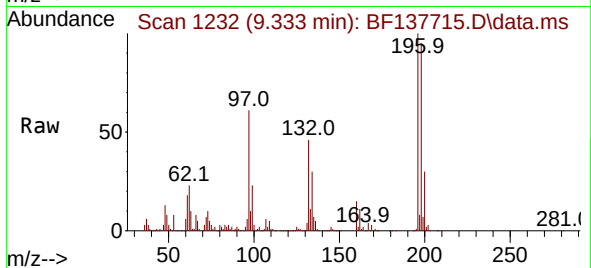
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion:196 Resp: 61943

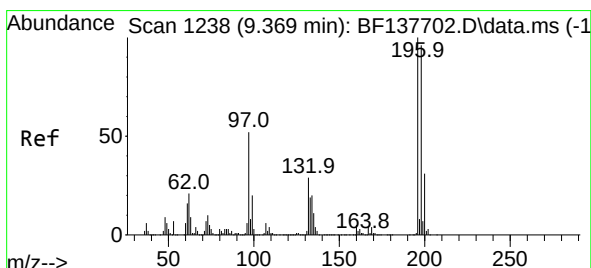
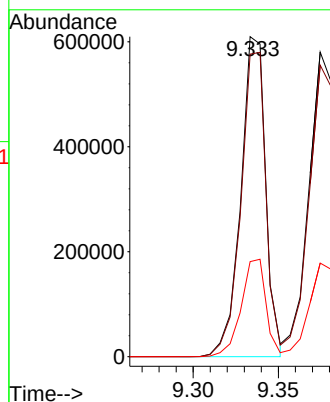
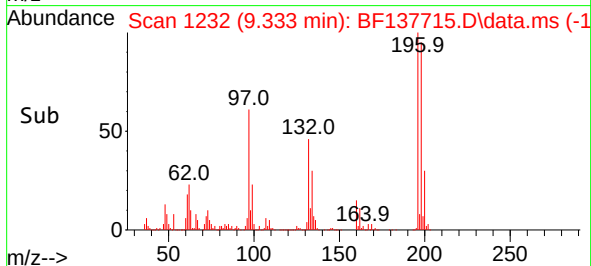
Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.8	116.6
200	29.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

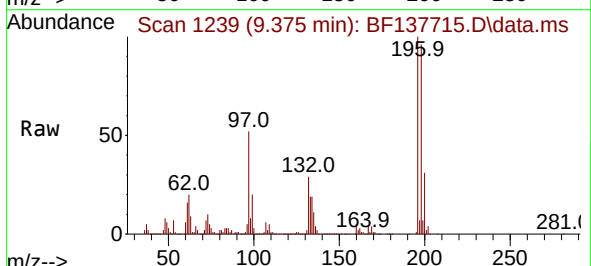
Concen: 45.149 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

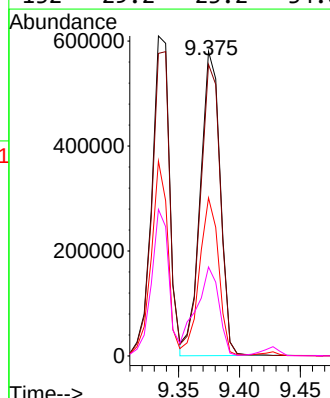
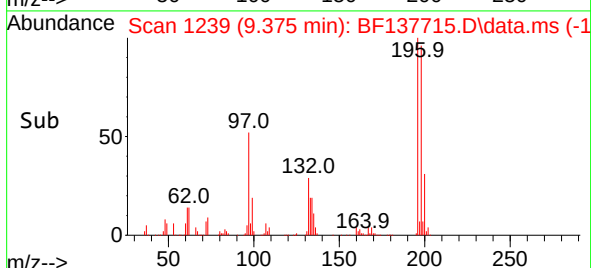
Lab File: BF137715.D

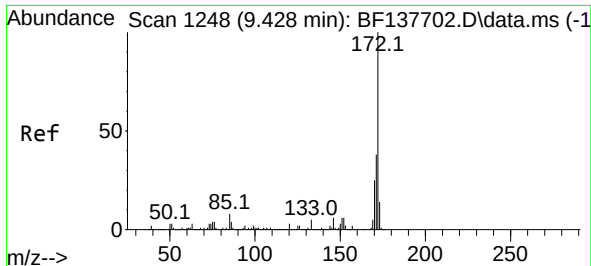
Acq: 24 Apr 2024 13:11



Tgt Ion:196 Resp: 659092

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.2	115.8
97	51.9	41.8	62.8
132	29.2	23.2	34.8





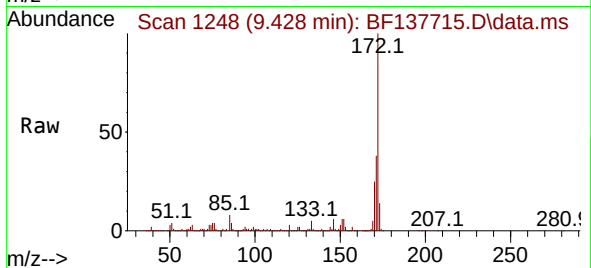
#45
2-Fluorobiphenyl
Concen: 83.078 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



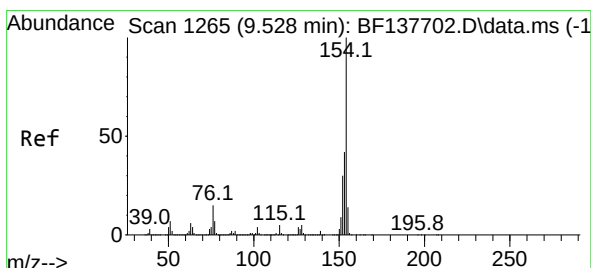
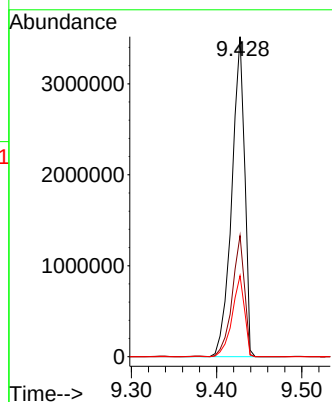
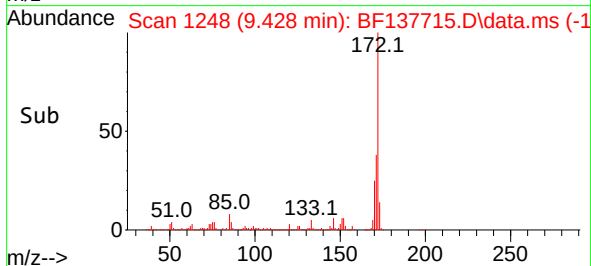
Tgt Ion:172 Resp: 3682428
Ion Ratio Lower Upper
172 100
171 37.8 30.2 45.4
170 25.3 20.2 30.4

Manual Integrations

APPROVED

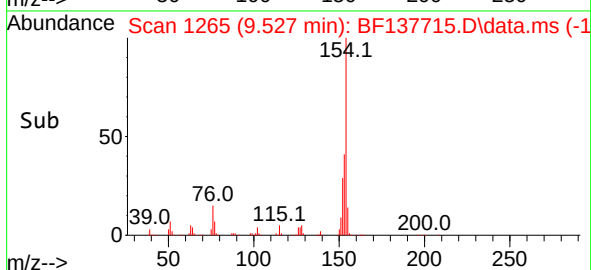
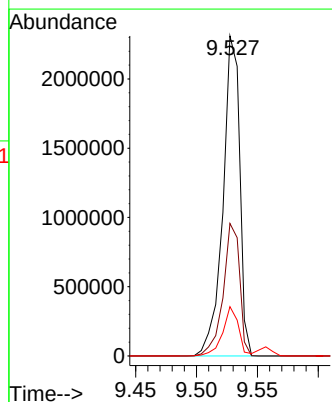
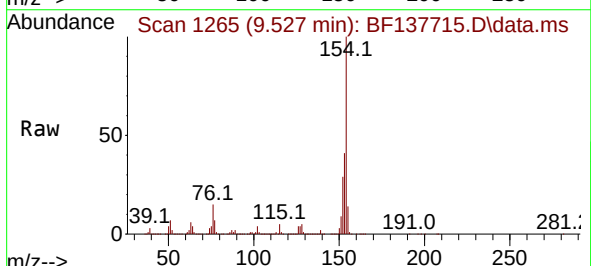
Reviewed By :Yogesh Patel 04/26/2024

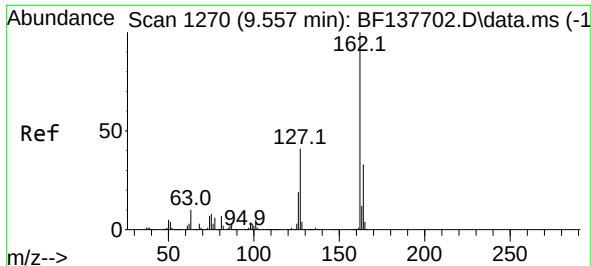
Supervised By :mohammad ahmed 04/27/2024



#46
1,1'-Biphenyl
Concen: 46.015 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:154 Resp: 2217092
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 15.4 0.0 35.3





#47

2-Chloronaphthalene

Concen: 47.645 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

Tgt Ion:162 Resp: 1769600

Ion Ratio Lower Upper

162 100

127 41.9 33.1 49.7

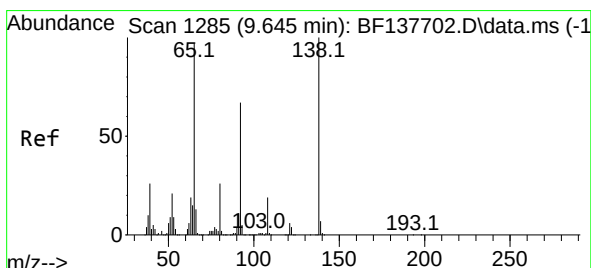
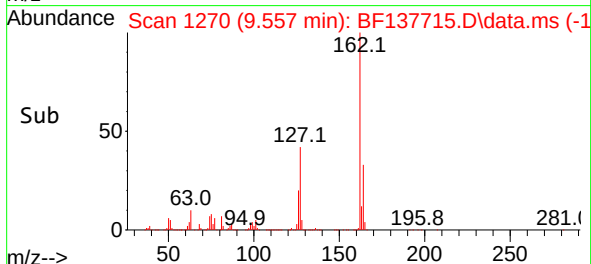
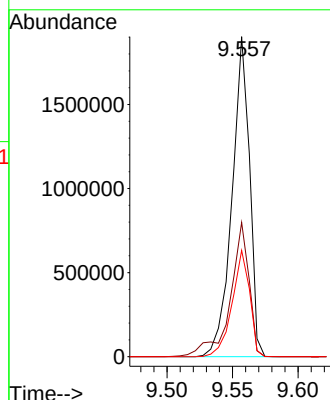
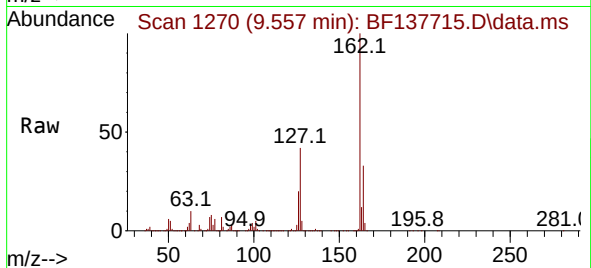
164 33.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#48

2-Nitroaniline

Concen: 48.575 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

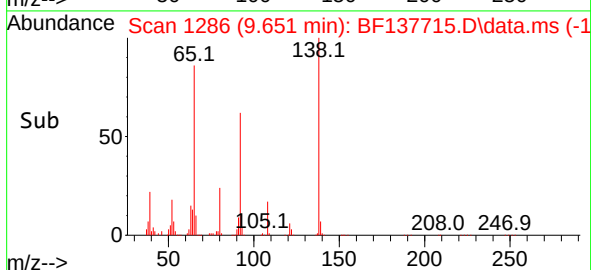
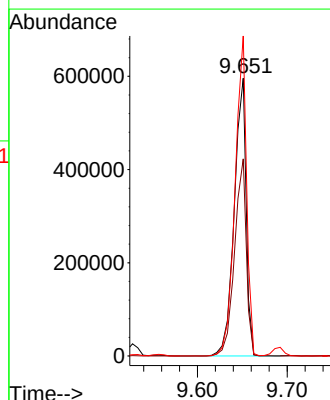
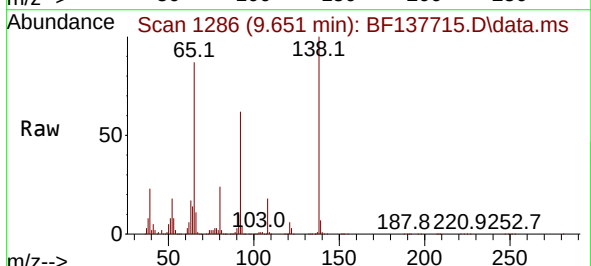
Tgt Ion: 65 Resp: 549759

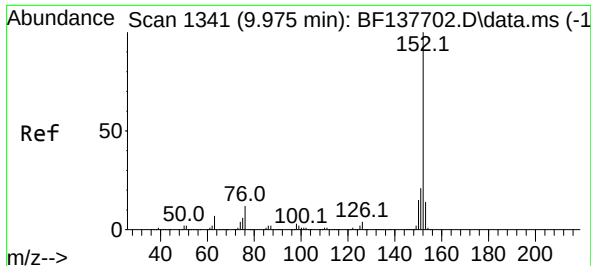
Ion Ratio Lower Upper

65 100

92 71.0 54.9 82.3

138 115.2 82.4 123.6





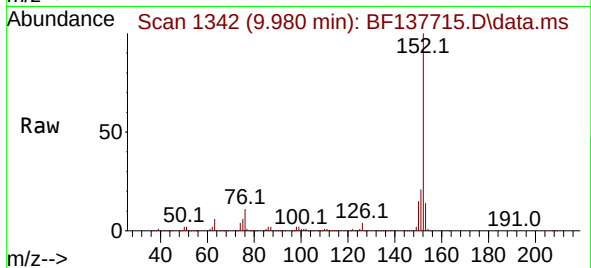
#49
Acenaphthylene
Concen: 46.058 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



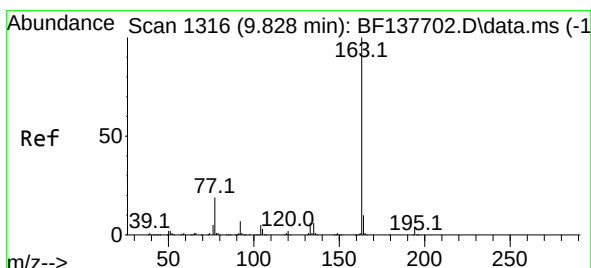
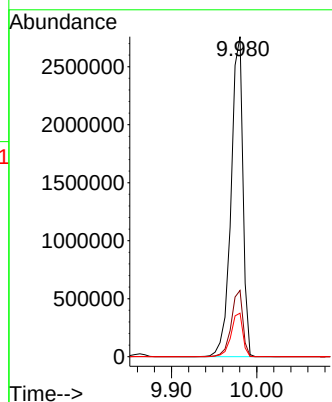
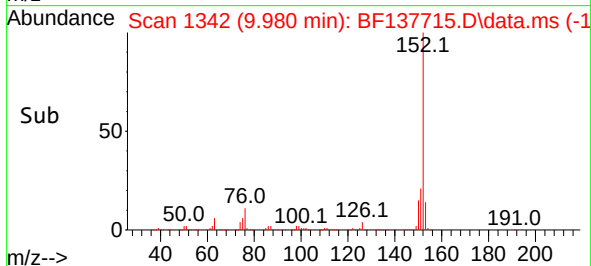
Tgt Ion:152 Resp: 266771
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 11.0 16.4

Manual Integrations

APPROVED

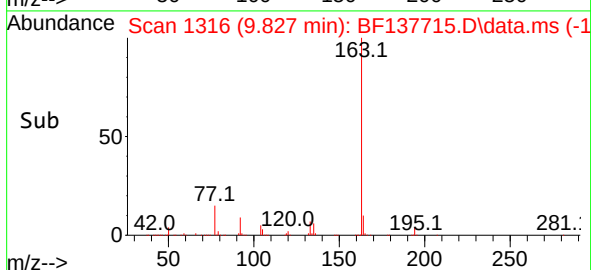
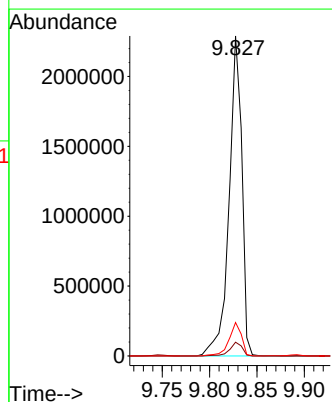
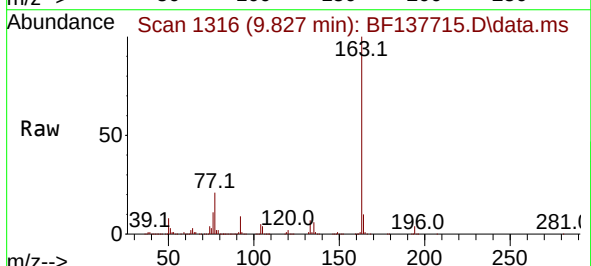
Reviewed By :Yogesh Patel 04/26/2024

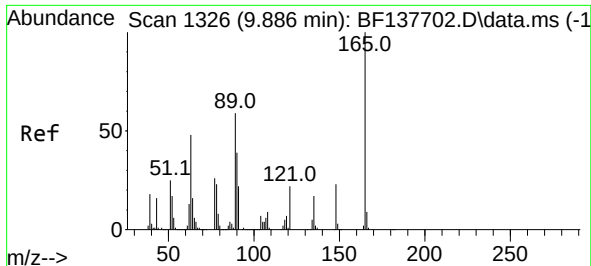
Supervised By :mohammad ahmed 04/27/2024



#50
Dimethylphthalate
Concen: 46.570 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:163 Resp: 2148949
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.2 12.2





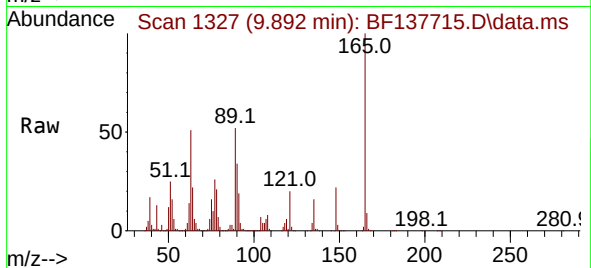
#51
2,6-Dinitrotoluene
Concen: 50.543 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



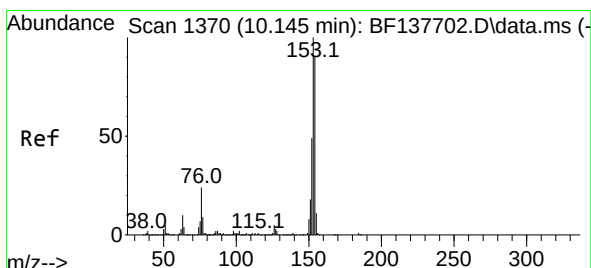
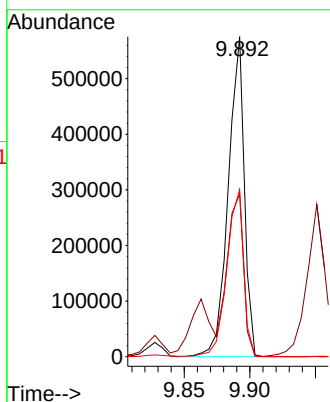
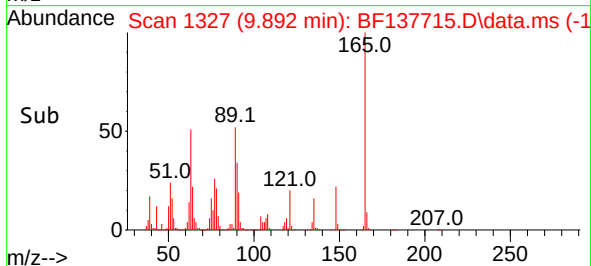
Tgt Ion:165 Resp: 49140
Ion Ratio Lower Upper
165 100
63 50.8 47.7 71.5
89 52.3 47.3 70.9

Manual Integrations

APPROVED

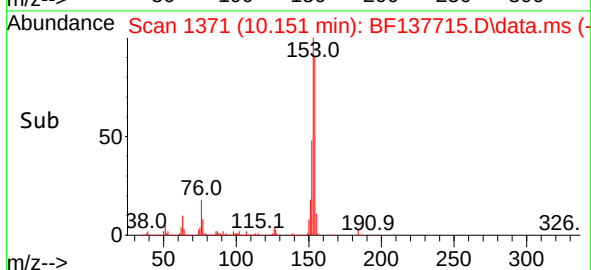
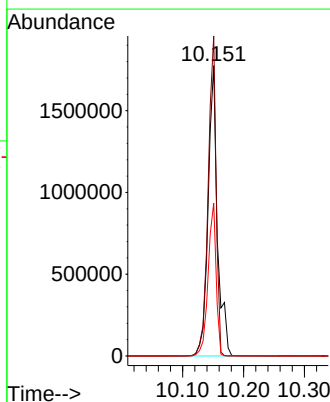
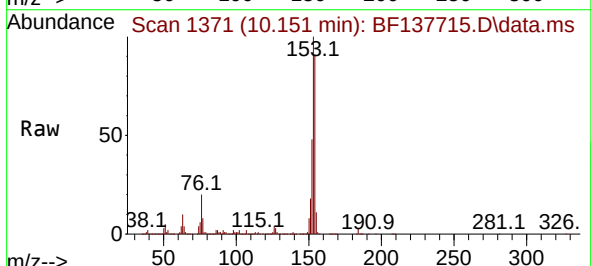
Reviewed By :Yogesh Patel 04/26/2024

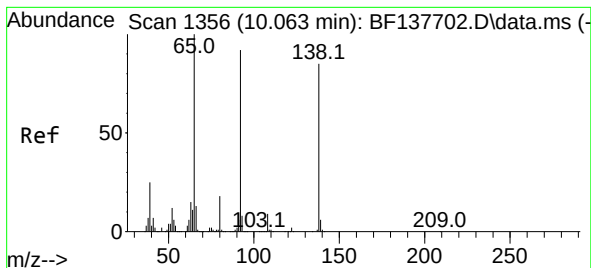
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 50.625 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:154 Resp: 1898654
Ion Ratio Lower Upper
154 100
153 110.3 88.5 132.7
152 52.7 43.3 64.9





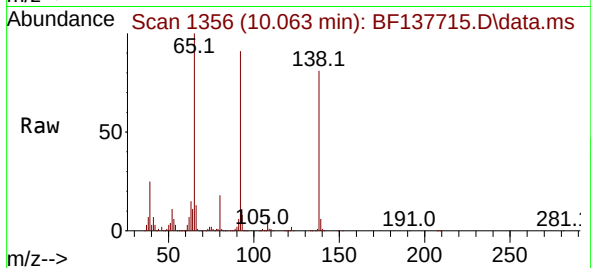
#53
3-Nitroaniline
Concen: 33.895 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



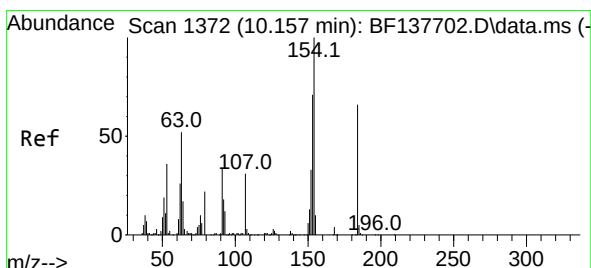
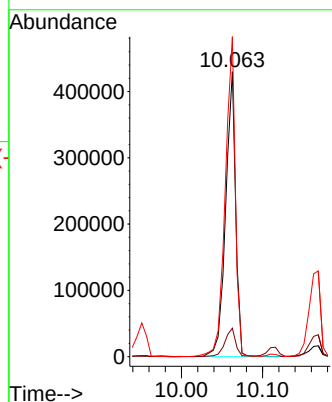
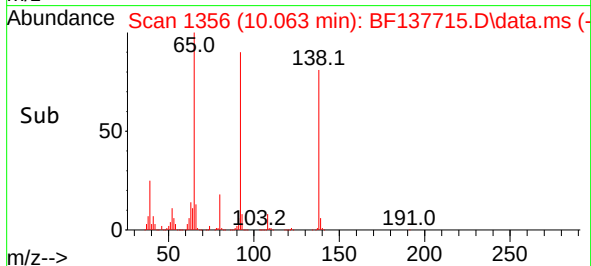
Tgt Ion:138 Resp: 37033
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 112.3 86.9 130.3

Manual Integrations

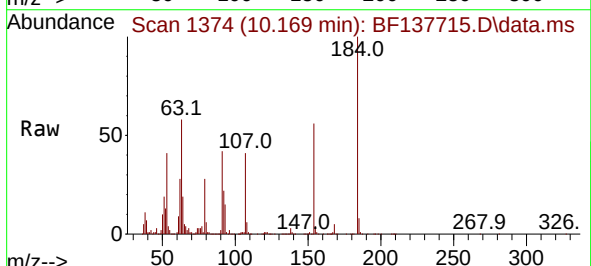
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

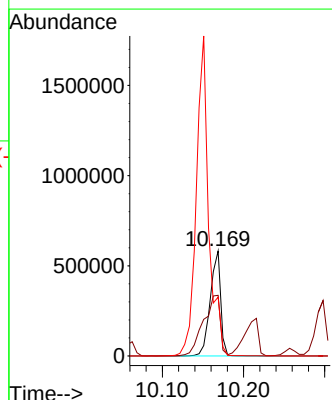
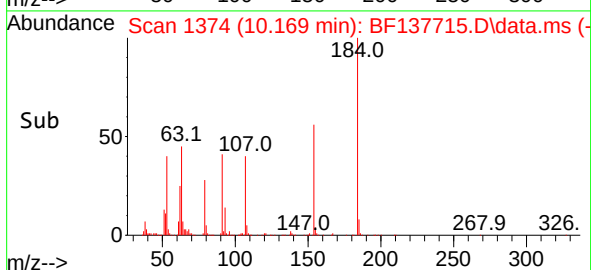
Supervised By :mohammad ahmed 04/27/2024

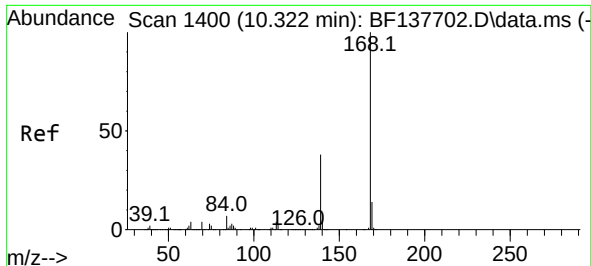


#54
2,4-Dinitrophenol
Concen: 98.632 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



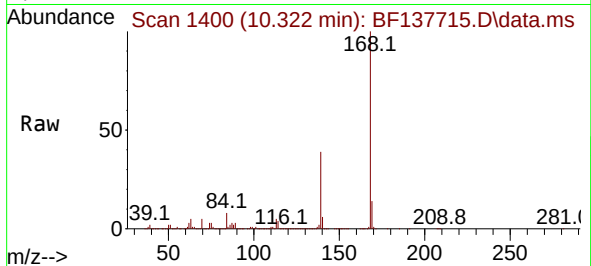
Tgt Ion:184 Resp: 516729
Ion Ratio Lower Upper
184 100
63 57.8 63.5 95.3#
154 56.1 123.0 184.6#





#55
Dibenzofuran
Concen: 46.058 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

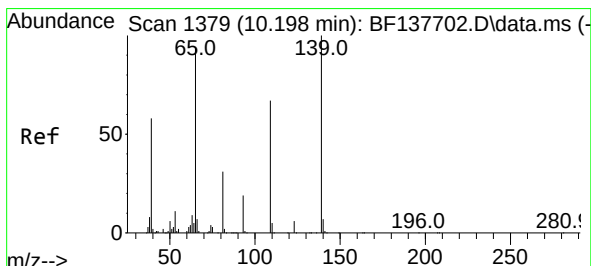
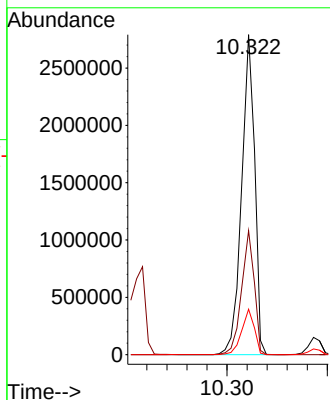
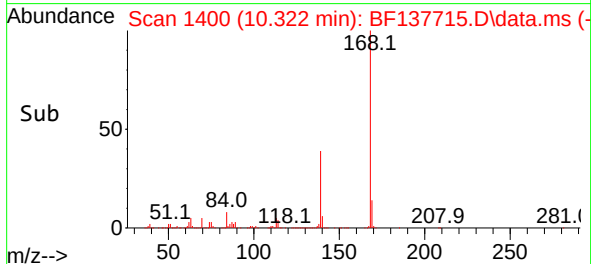
Instrument :
BNA_F
ClientSampleId :
PB160462BS



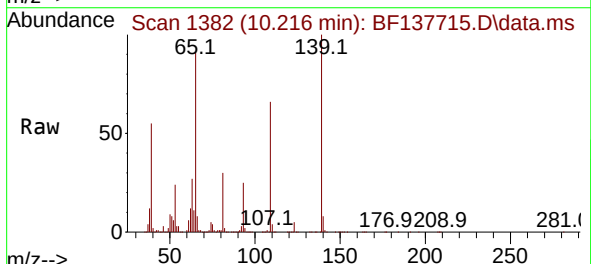
Tgt Ion:168 Resp: 253207
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.2 10.9 16.3

Manual Integrations
APPROVED

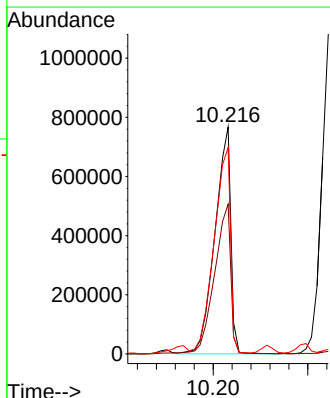
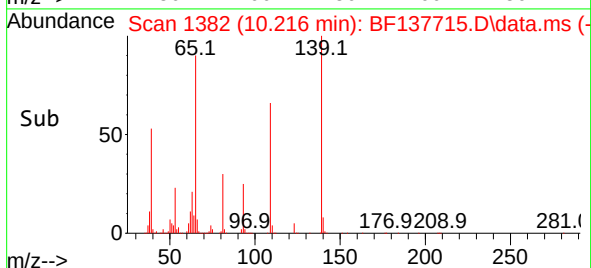
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

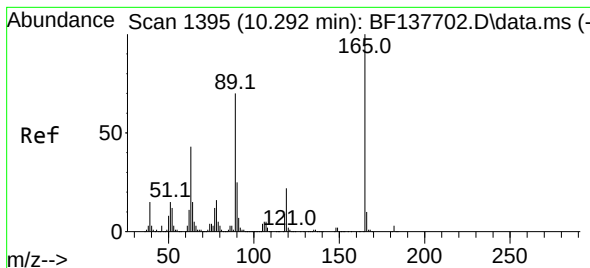


#56
4-Nitrophenol
Concen: 104.448 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:139 Resp: 887481
Ion Ratio Lower Upper
139 100
109 66.0 46.9 86.9
65 90.9 75.8 115.8





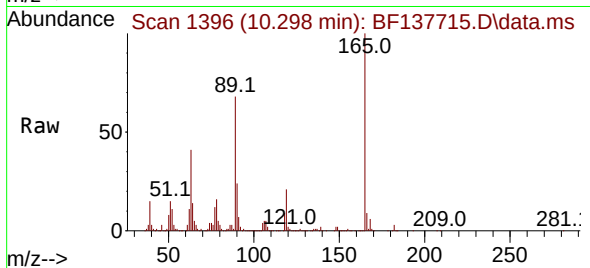
#57
2,4-Dinitrotoluene
Concen: 53.359 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



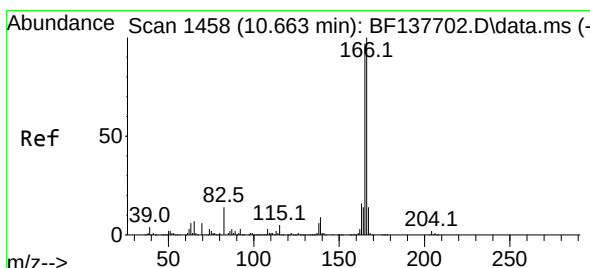
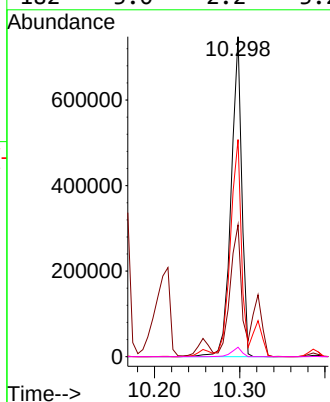
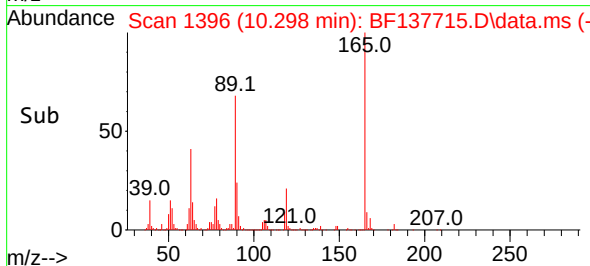
Tgt Ion:165 Resp: 654033
Ion Ratio Lower Upper
165 100
63 41.2 34.1 51.1
89 67.9 56.4 84.6
182 3.0 2.2 3.2

Manual Integrations

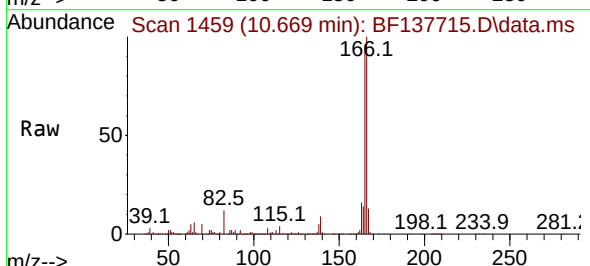
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

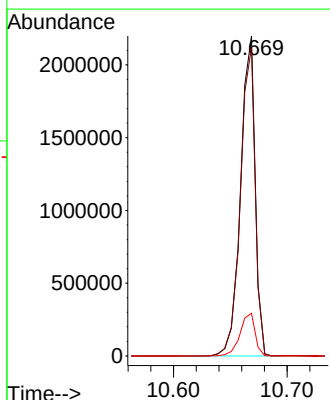
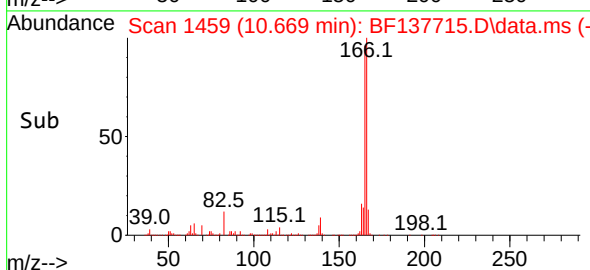
Supervised By :mohammad ahmed 04/27/2024

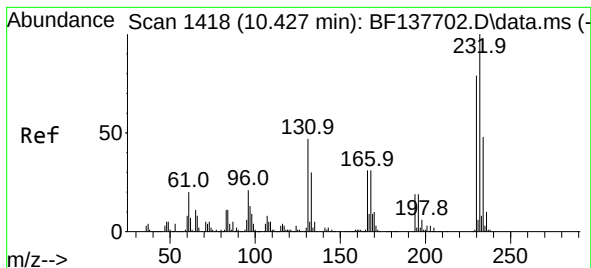


#58
Fluorene
Concen: 45.687 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



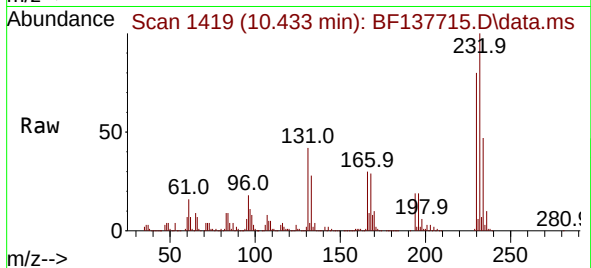
Tgt Ion:166 Resp: 1962567
Ion Ratio Lower Upper
166 100
165 96.5 77.8 116.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.163 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

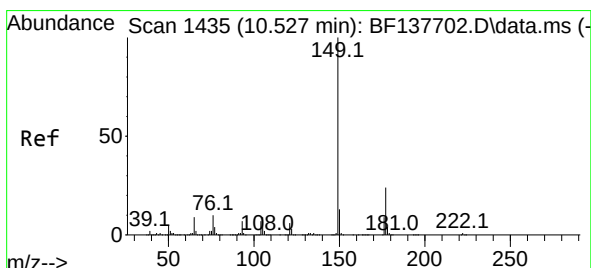
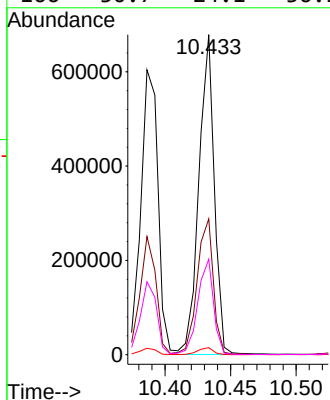
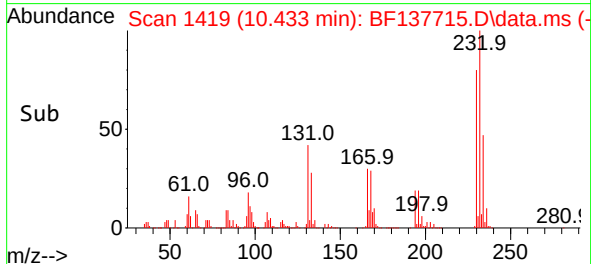
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion:232 Resp: 555720
Ion Ratio Lower Upper
232 100
131 44.7 36.4 54.6
130 2.3 1.8 2.6
166 30.7 24.1 36.1

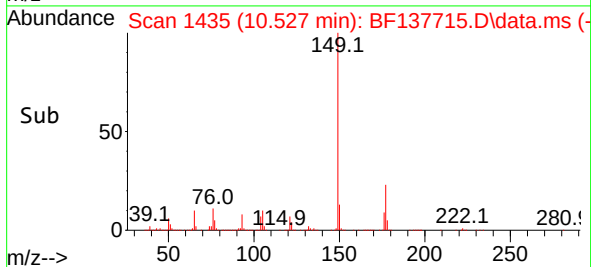
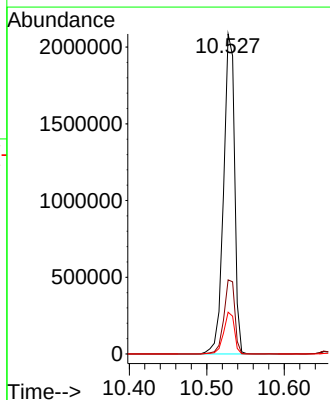
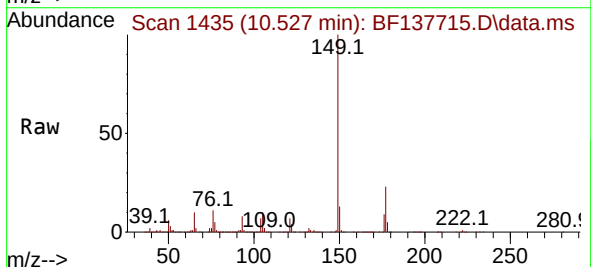
Manual Integrations
APPROVED

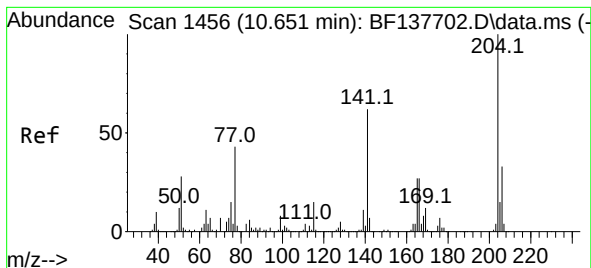
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 46.260 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:149 Resp: 2053144
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.4
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.434 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

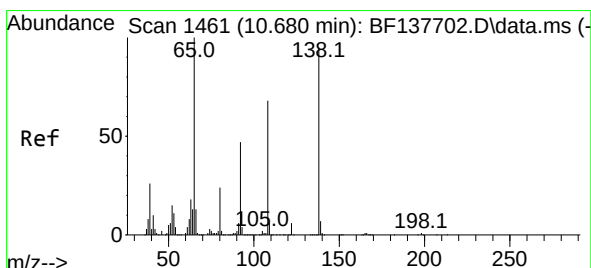
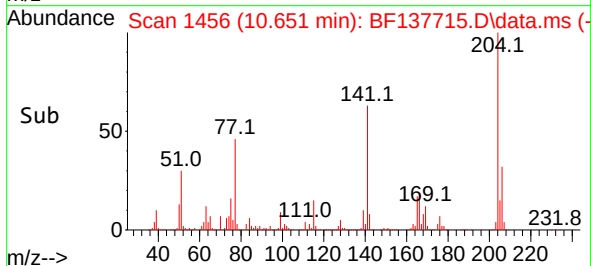
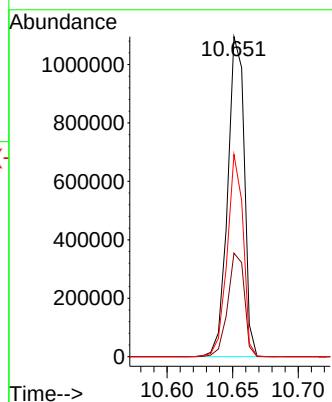
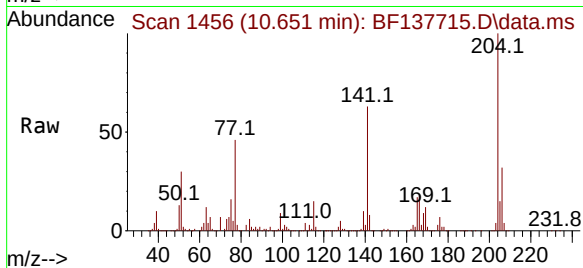
PB160462BS

Tgt Ion:204 Resp: 96435
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 63.2 49.4 74.2

Manual Integrations

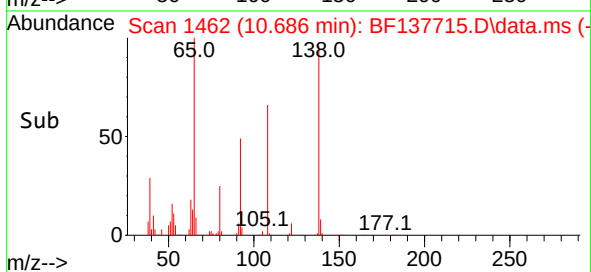
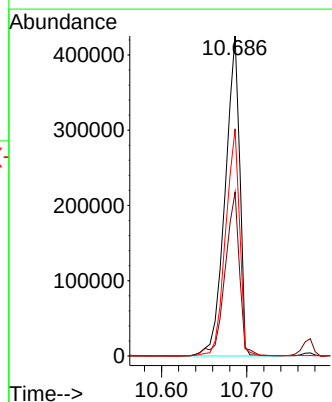
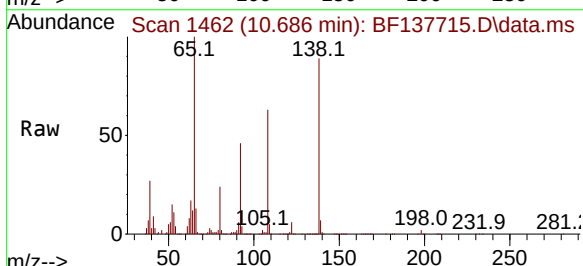
APPROVED

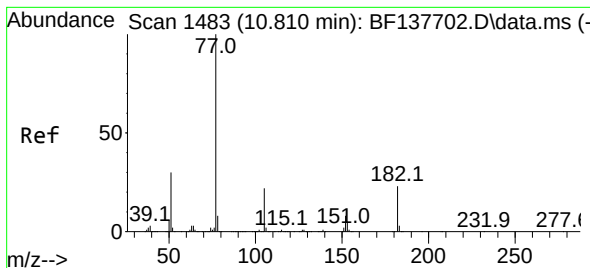
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#62
4-Nitroaniline
Concen: 48.609 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

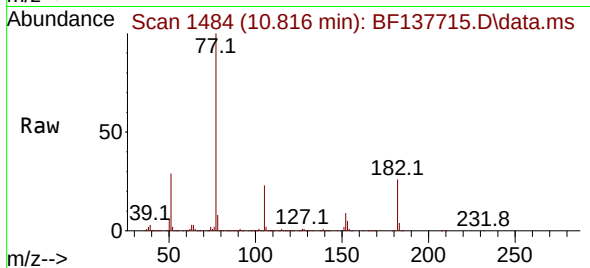
Tgt Ion:138 Resp: 505863
Ion Ratio Lower Upper
138 100
92 51.2 29.8 69.8
108 71.0 51.1 91.1





#63
Azobenzene
Concen: 44.638 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

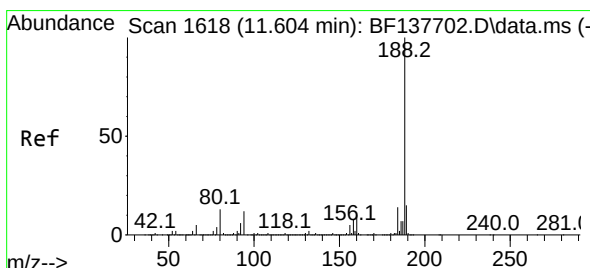
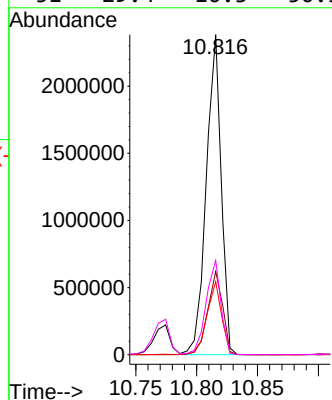
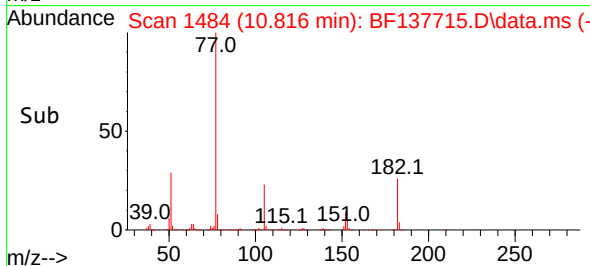
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion: 77 Resp: 2030129
Ion Ratio Lower Upper
77 100
182 26.0 3.1 43.1
105 22.8 1.6 41.6
51 29.4 10.3 50.3

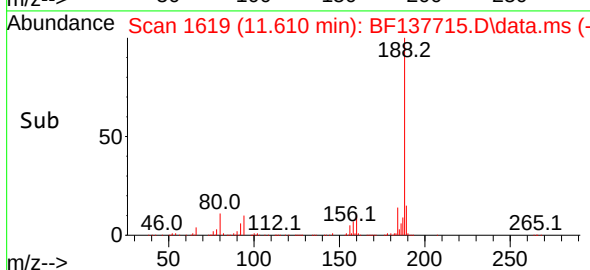
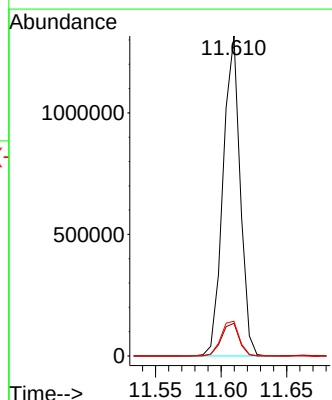
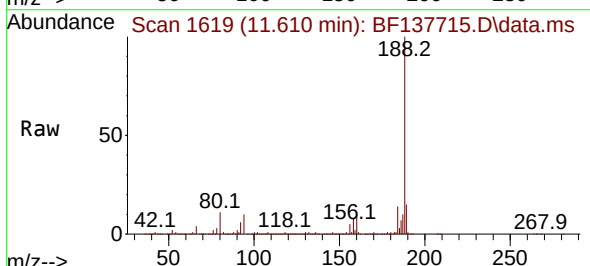
Manual Integrations
APPROVED

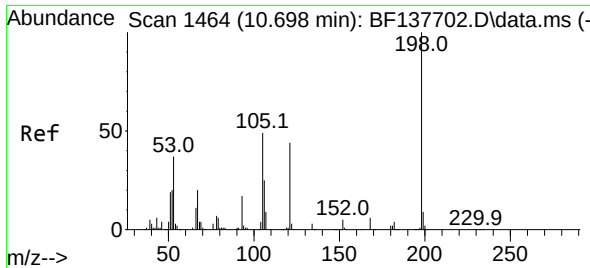
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

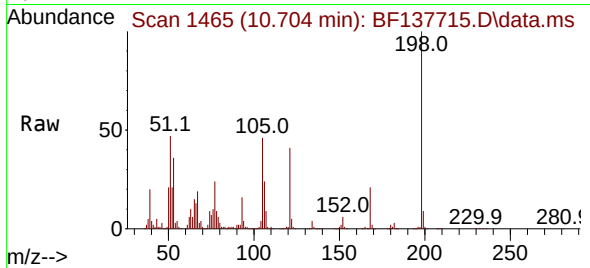
Tgt Ion:188 Resp: 1192211
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.9 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.531 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

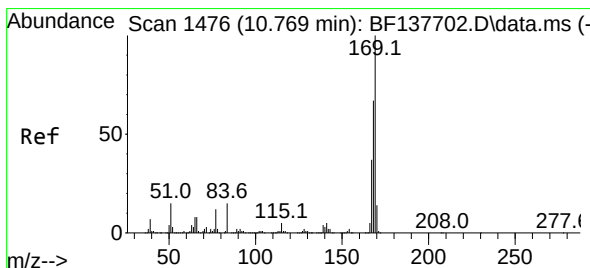
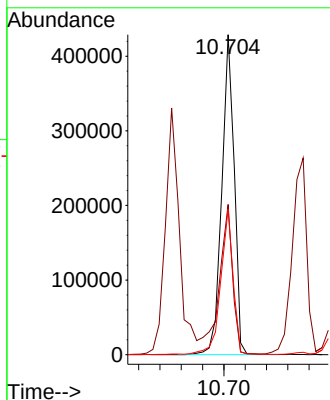
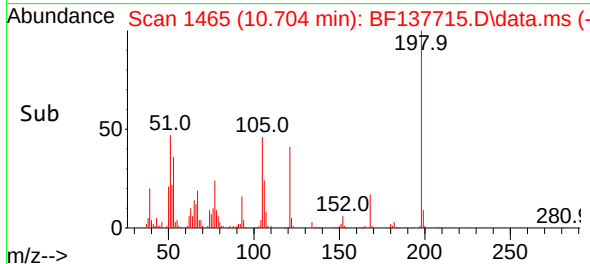
Instrument :
BNA_F
ClientSampleId :
PB160462BS



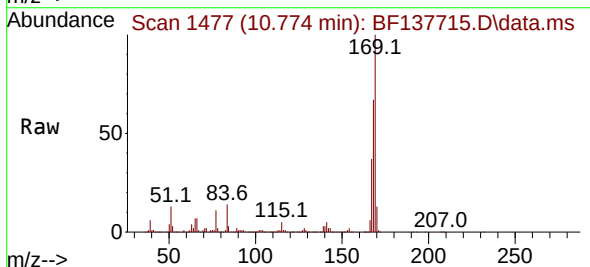
Tgt Ion:198 Resp: 34541
Ion Ratio Lower Upper
198 100
51 47.0 33.5 73.5
105 45.6 29.3 69.3

Manual Integrations
APPROVED

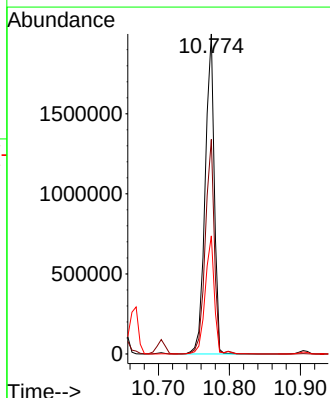
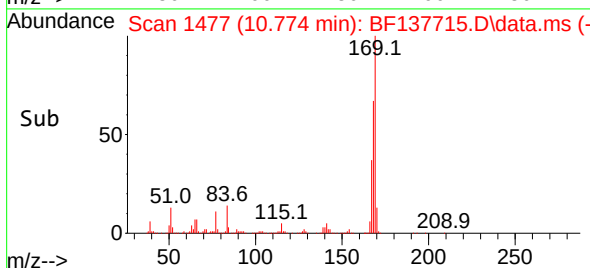
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

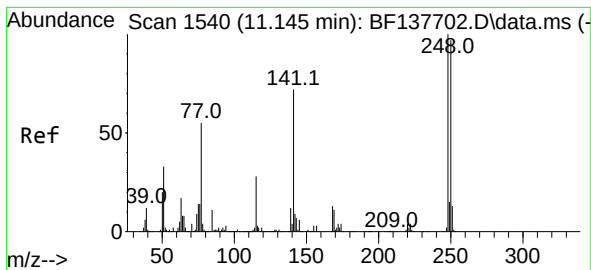


#66
n-Nitrosodiphenylamine
Concen: 44.119 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:169 Resp: 1781497
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.276 ng
RT: 11.145 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

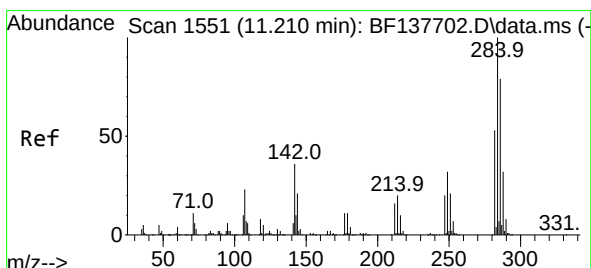
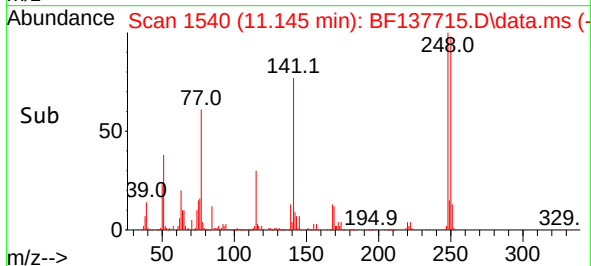
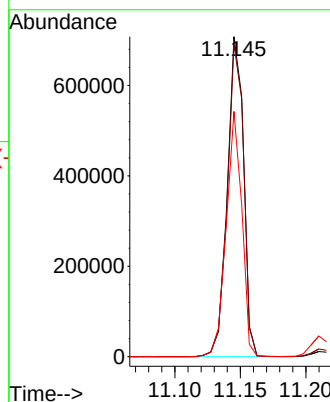
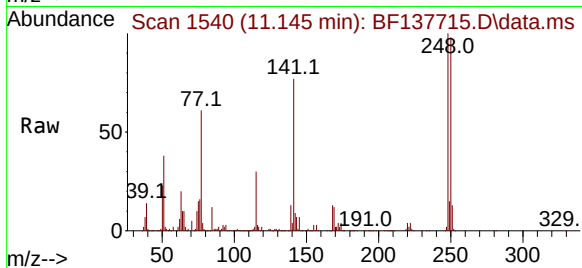
ClientSampleId :

PB160462BS

Tgt Ion:248 Resp: 611662
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.0
141 76.6 57.9 86.9

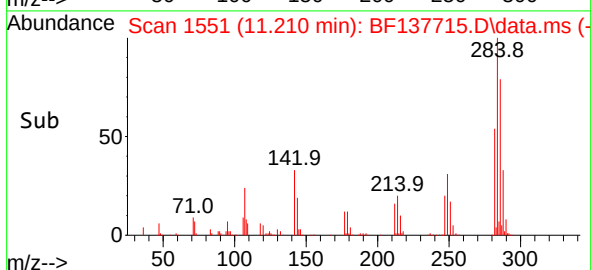
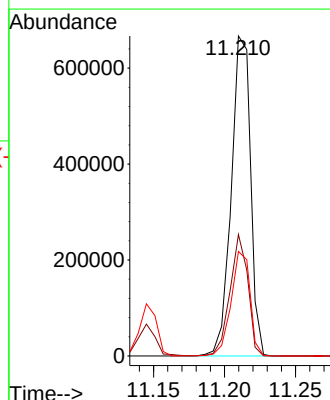
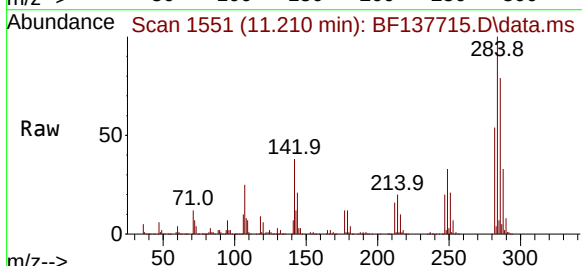
Manual Integrations
APPROVED

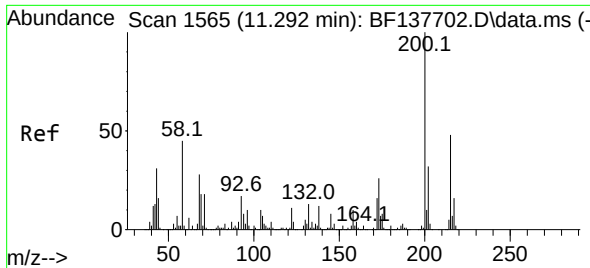
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#68
Hexachlorobenzene
Concen: 46.911 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

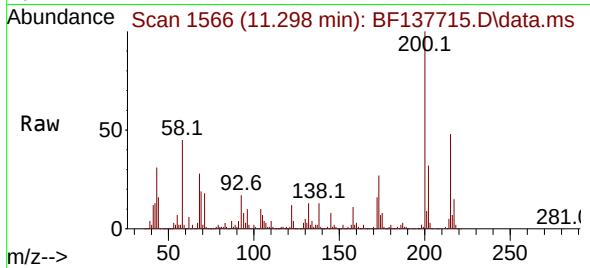
Tgt Ion:284 Resp: 631349
Ion Ratio Lower Upper
284 100
142 37.9 28.5 42.7
249 32.7 25.6 38.4





#69
 Atrazine
 Concen: 54.473 ng
 RT: 11.298 min Scan# 1566
 Delta R.T. 0.006 min
 Lab File: BF137715.D
 Acq: 24 Apr 2024 13:11

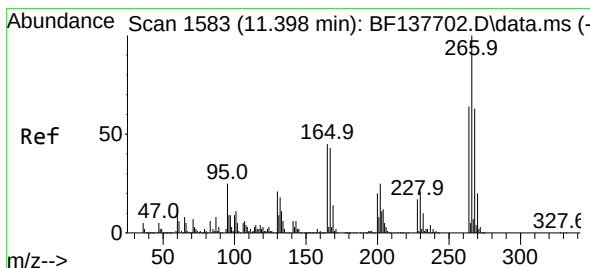
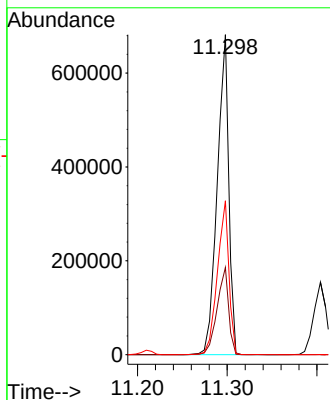
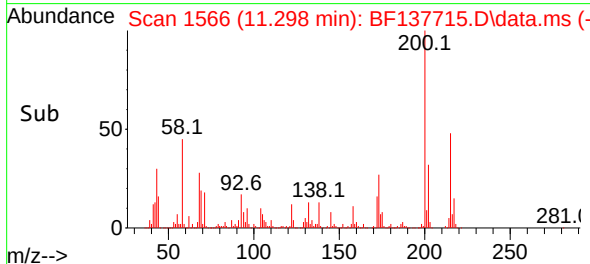
Instrument :
 BNA_F
 ClientSampleId :
 PB160462BS



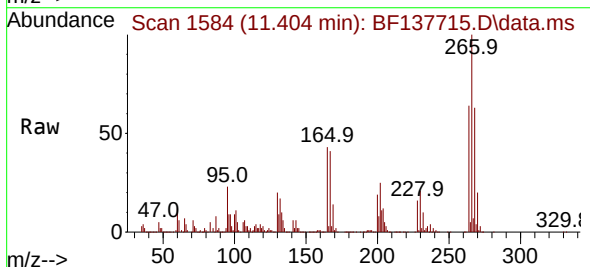
Tgt Ion:200 Resp: 608029
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.3 46.3
 215 48.1 28.0 68.0

Manual Integrations
 APPROVED

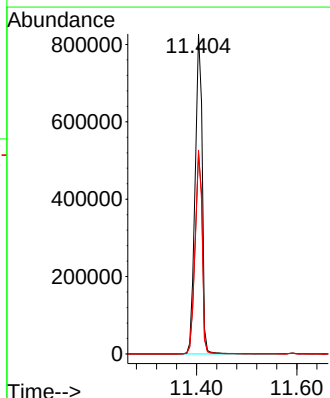
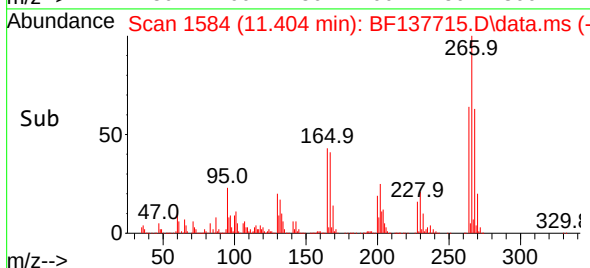
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

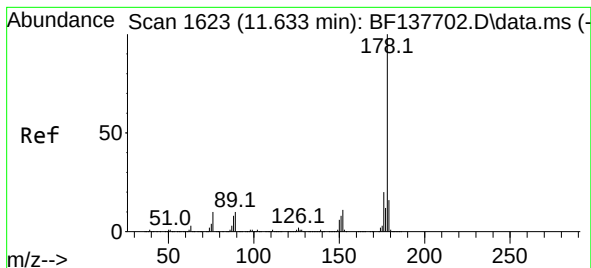


#70
 Pentachlorophenol
 Concen: 80.070 ng
 RT: 11.404 min Scan# 1584
 Delta R.T. 0.006 min
 Lab File: BF137715.D
 Acq: 24 Apr 2024 13:11



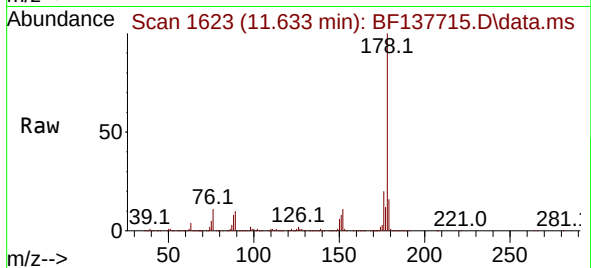
Tgt Ion:266 Resp: 810627
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.4 75.6
 264 63.7 51.4 77.0





#71
Phenanthrene
Concen: 44.160 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

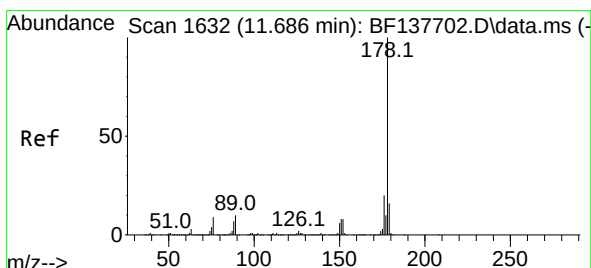
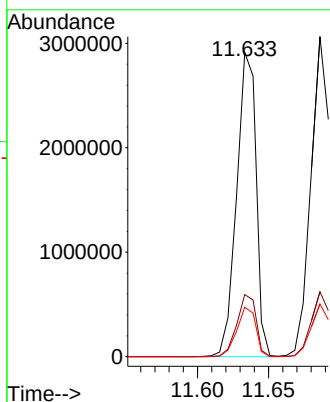
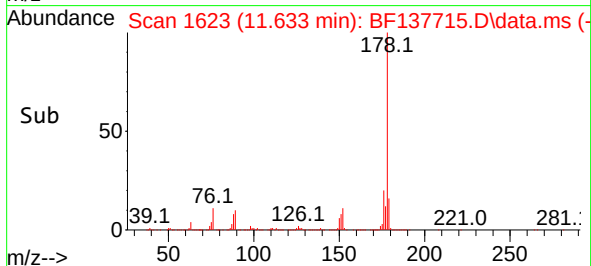
Instrument :
BNA_F
ClientSampleId :
PB160462BS



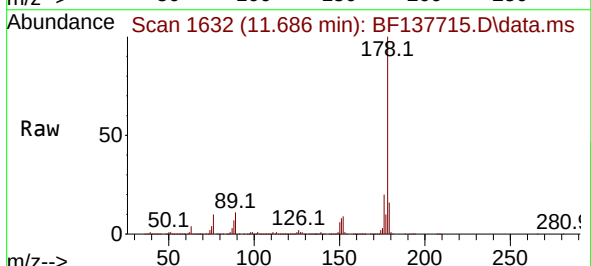
Tgt Ion:178 Resp: 278695
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.2 12.8 19.2

Manual Integrations
APPROVED

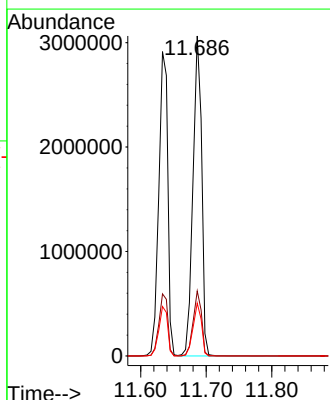
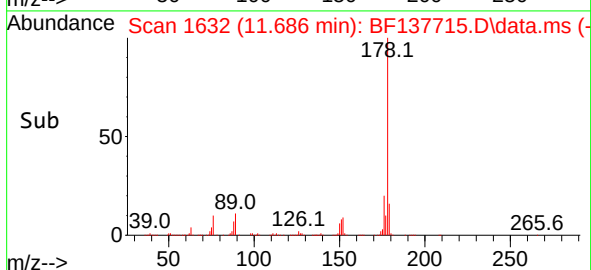
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

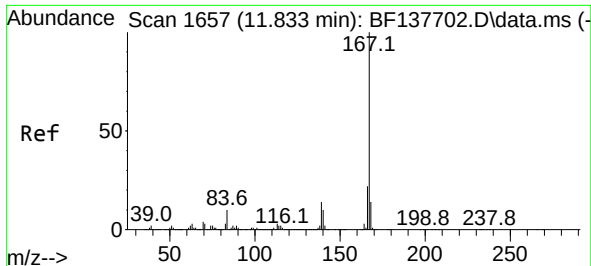


#72
Anthracene
Concen: 43.584 ng
RT: 11.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



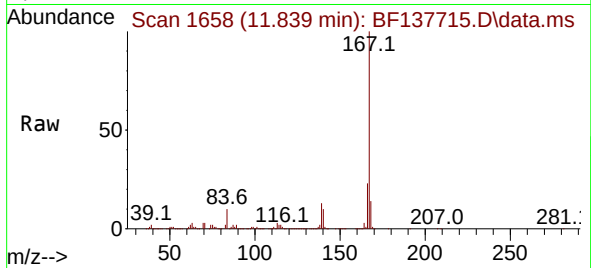
Tgt Ion:178 Resp: 2816565
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.5 13.0 19.6





#73
 Carbazole
 Concen: 44.875 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: BF137715.D
 Acq: 24 Apr 2024 13:11

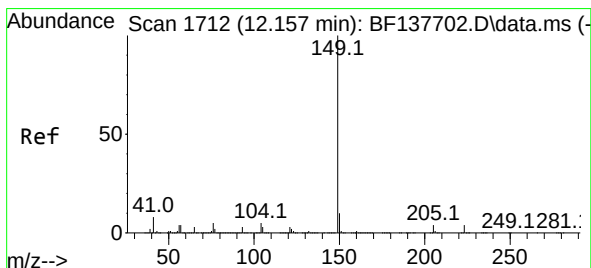
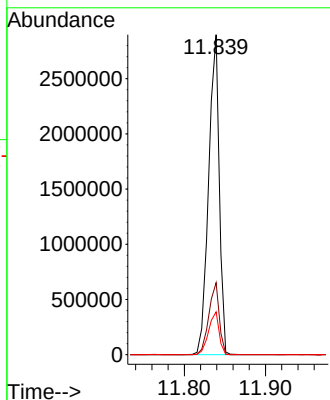
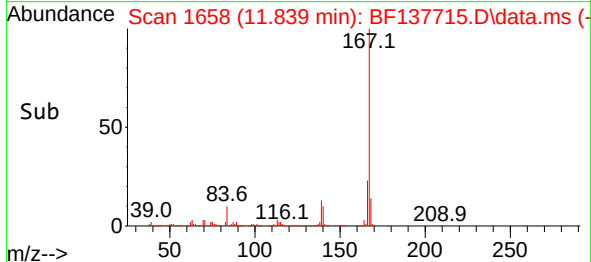
Instrument :
 BNA_F
 ClientSampleId :
 PB160462BS



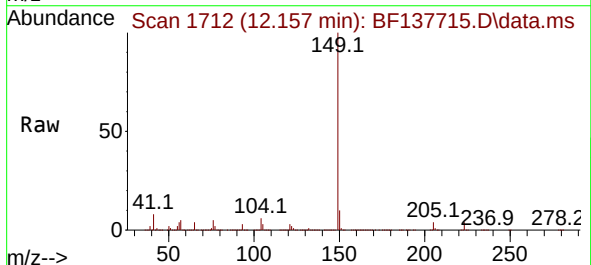
Tgt Ion:167 Resp: 262816
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.4 10.9 16.3

Manual Integrations
 APPROVED

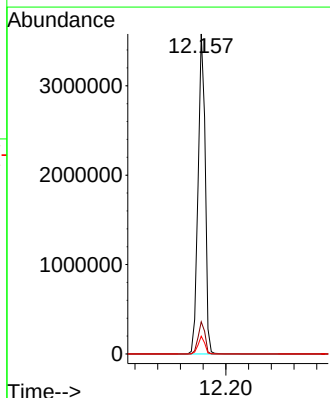
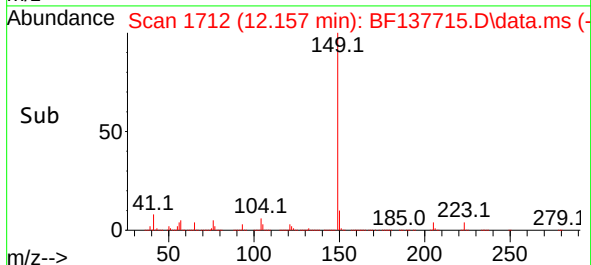
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

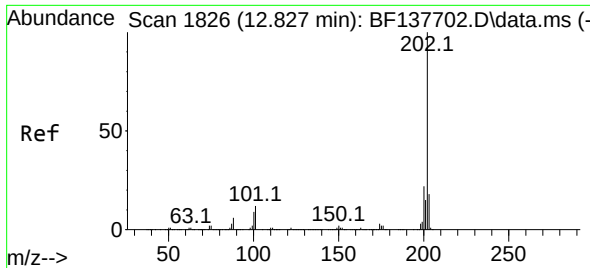


#74
 Di-n-butylphthalate
 Concen: 43.806 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BF137715.D
 Acq: 24 Apr 2024 13:11



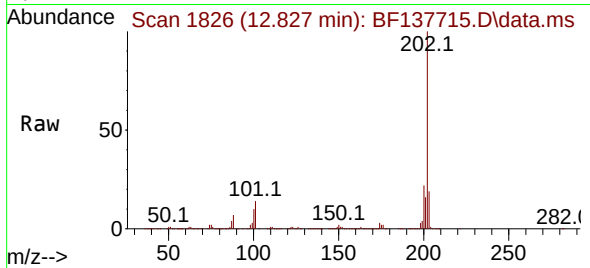
Tgt Ion:149 Resp: 3127484
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.6
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 43.963 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

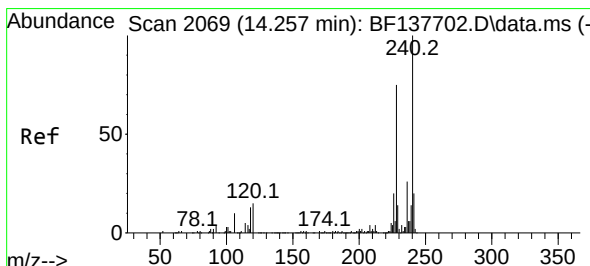
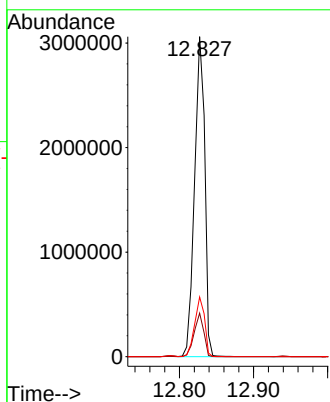
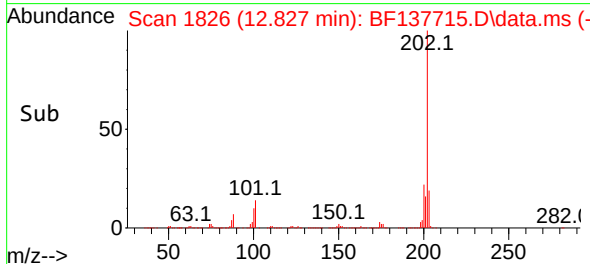
Instrument :
BNA_F
ClientSampleId :
PB160462BS



Tgt Ion:202 Resp: 2916310
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.2
203 18.6 0.0 38.1

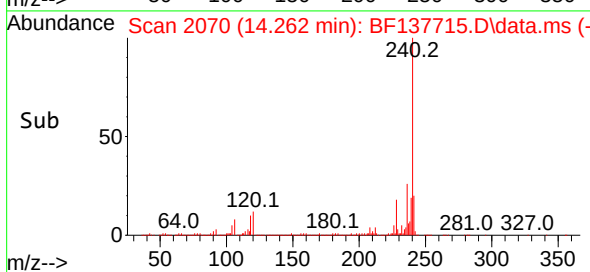
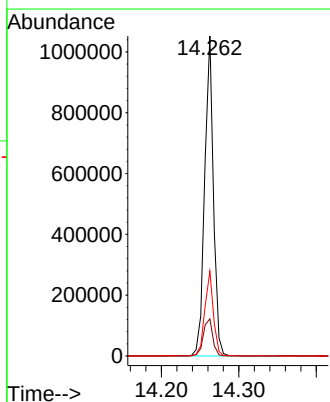
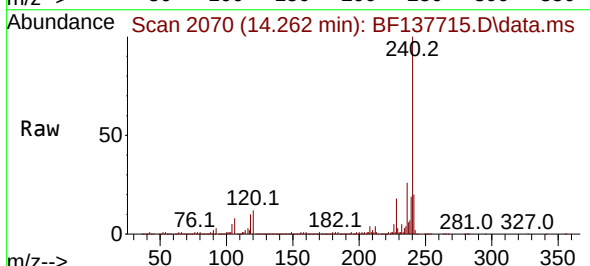
Manual Integrations
APPROVED

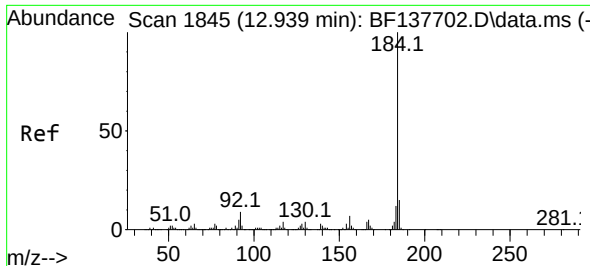
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.262 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:240 Resp: 826164
Ion Ratio Lower Upper
240 100
120 11.6 11.9 17.9#
236 26.5 20.8 31.2





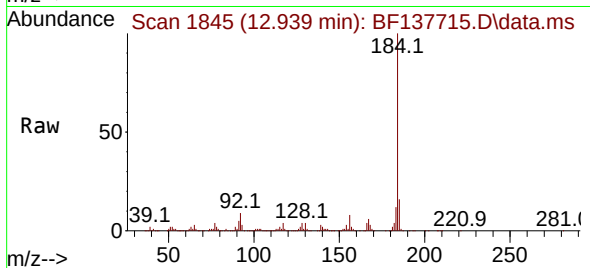
#77
Benzidine
Concen: 38.449 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



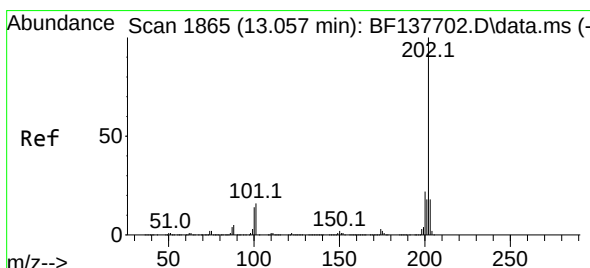
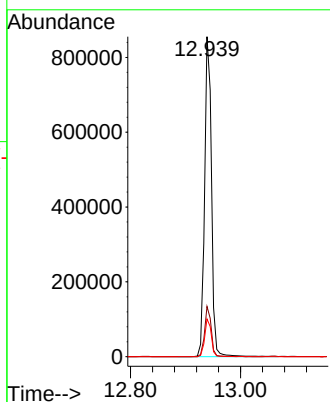
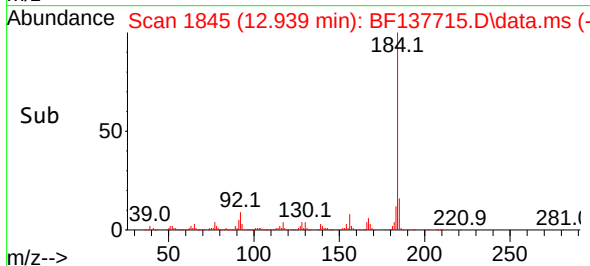
Tgt Ion:184 Resp: 741929
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.4
183 11.8 9.4 14.0

Manual Integrations

APPROVED

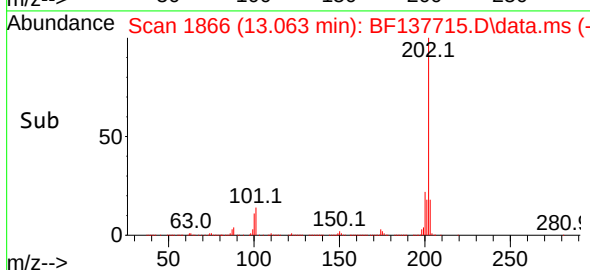
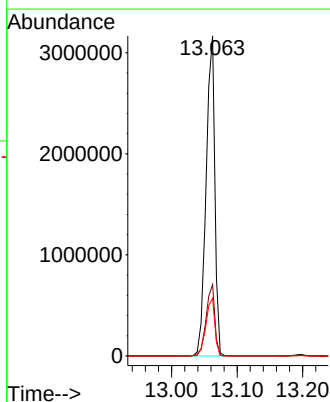
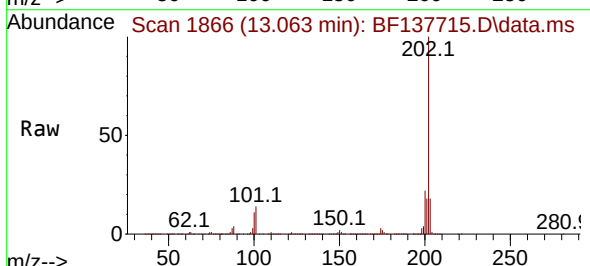
Reviewed By :Yogesh Patel 04/26/2024

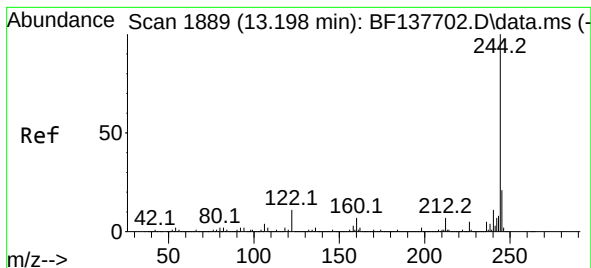
Supervised By :mohammad ahmed 04/27/2024



#78
Pyrene
Concen: 43.359 ng
RT: 13.063 min Scan# 1866
Delta R.T. 0.006 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:202 Resp: 2940198
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 82.257 ng

RT: 13.198 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BF137715.D

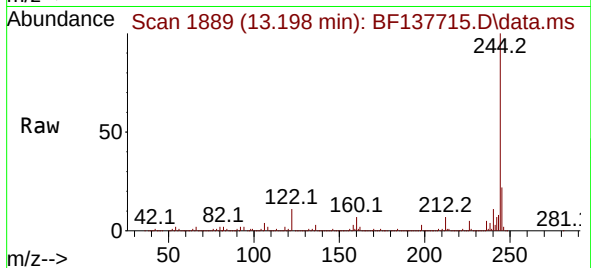
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



Tgt Ion:244 Resp: 4222139

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

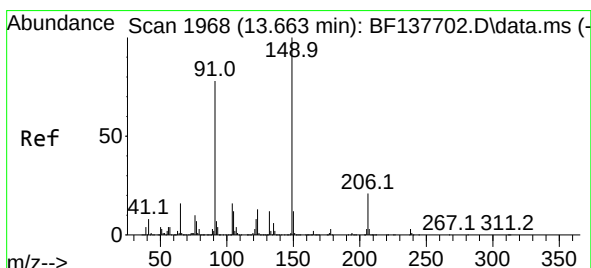
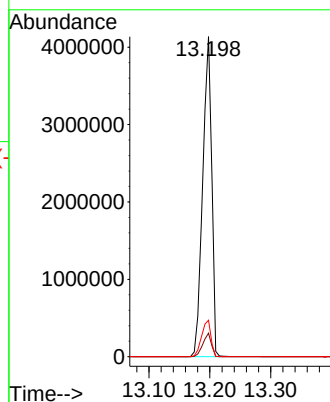
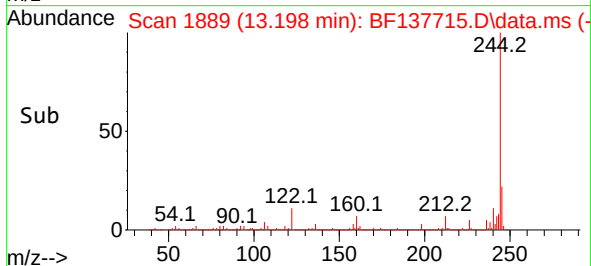
122 11.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 48.182 ng

RT: 13.668 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

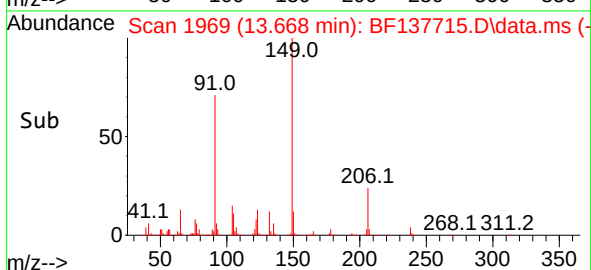
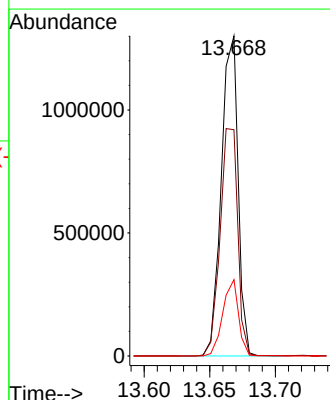
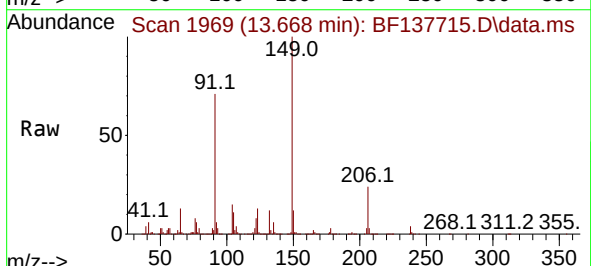
Tgt Ion:149 Resp: 1158640

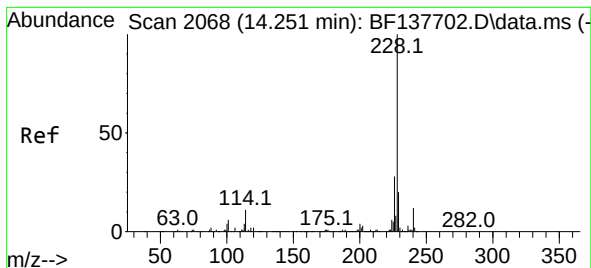
Ion Ratio Lower Upper

149 100

91 70.7 62.6 93.8

206 23.9 16.5 24.7





#81

Benzo(a)anthracene

Concen: 45.804 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

Tgt Ion:228 Resp: 263939

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

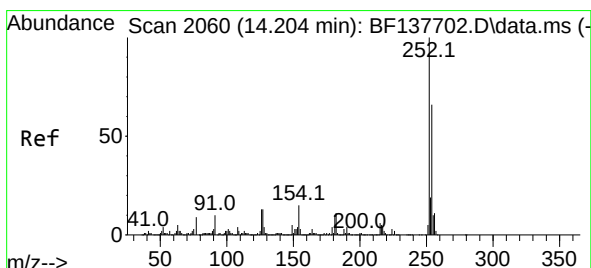
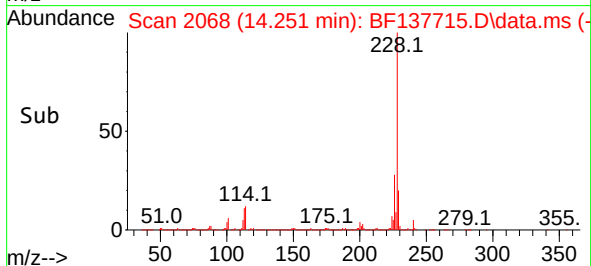
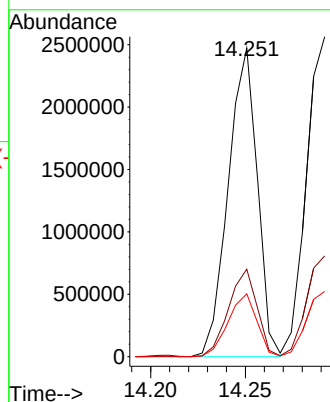
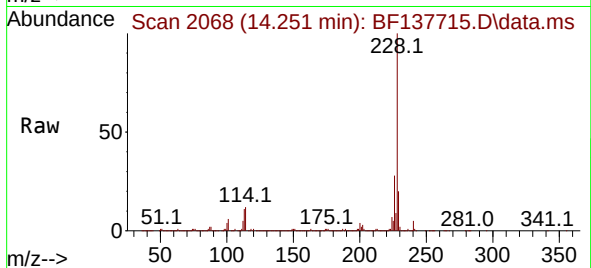
229 20.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.926 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

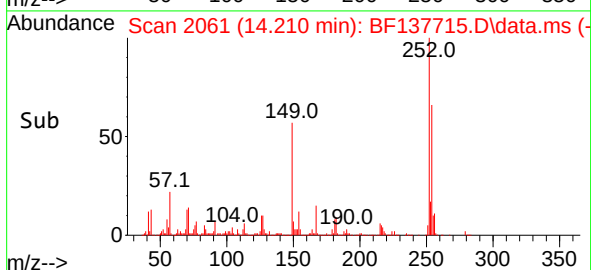
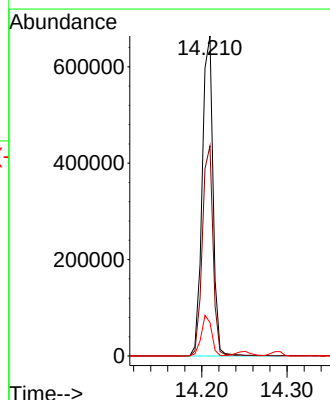
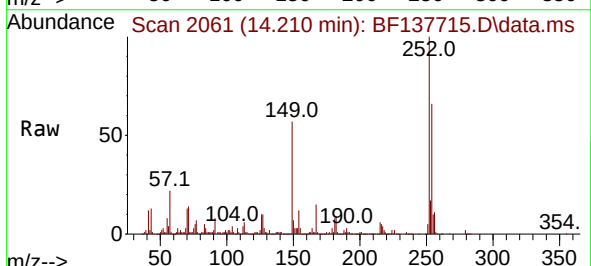
Tgt Ion:252 Resp: 587027

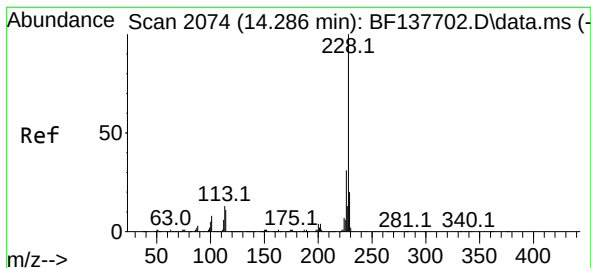
Ion Ratio Lower Upper

252 100

254 65.7 52.6 79.0

126 10.5 10.8 16.2#





#83

Chrysene

Concen: 43.692 ng

RT: 14.292 min Scan# 2074

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

Tgt Ion:228 Resp: 2352420

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

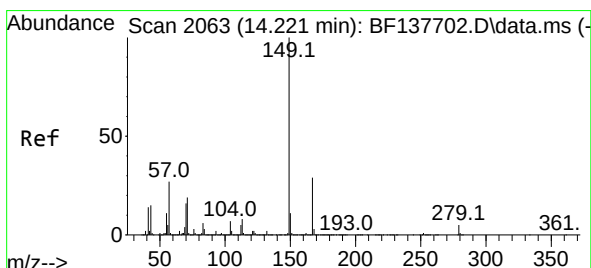
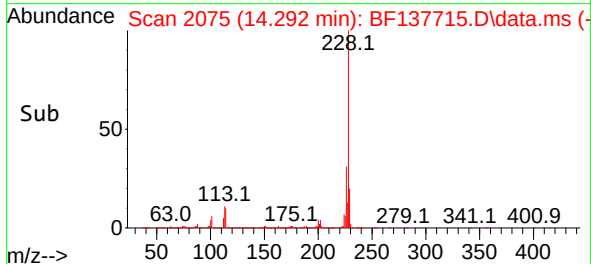
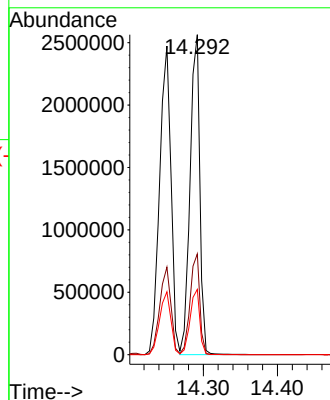
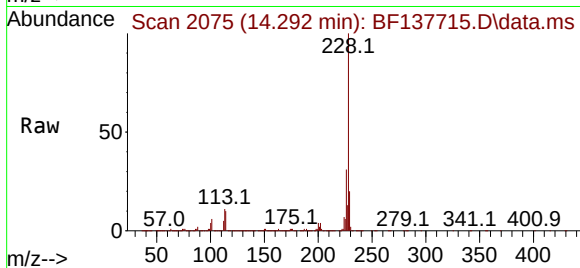
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.536 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

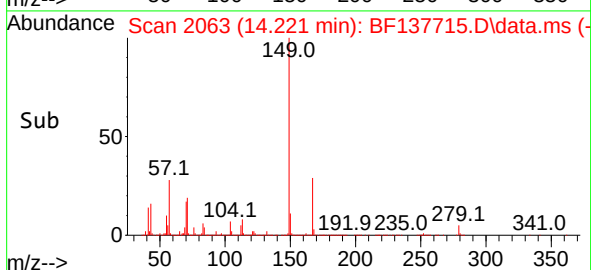
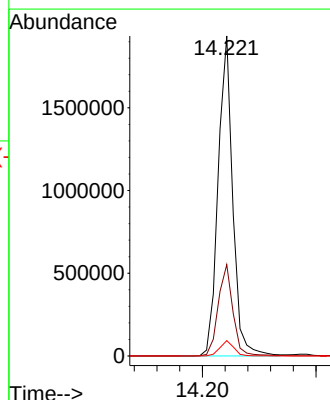
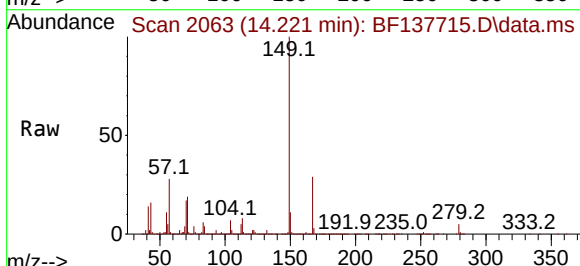
Tgt Ion:149 Resp: 1726331

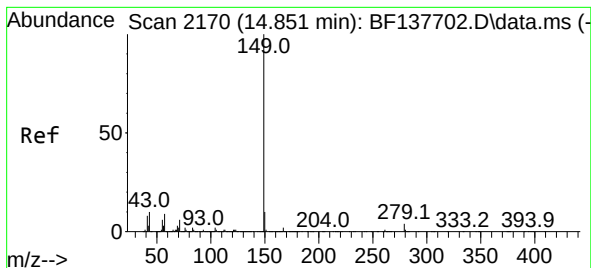
Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

279 4.8 4.0 6.0





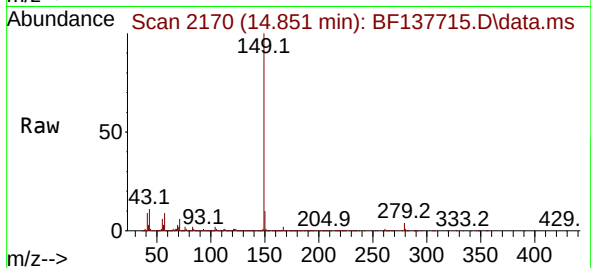
#85
Di-n-octyl phthalate
Concen: 50.670 ng
RT: 14.851 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



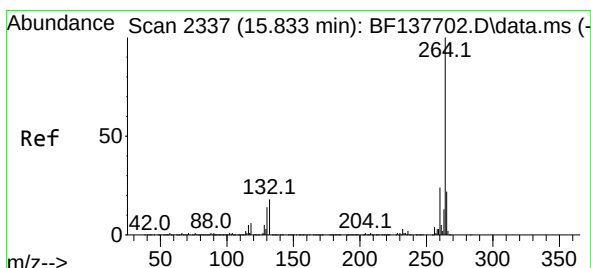
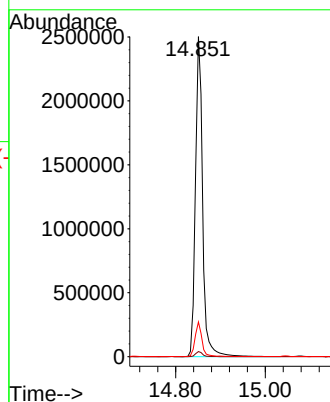
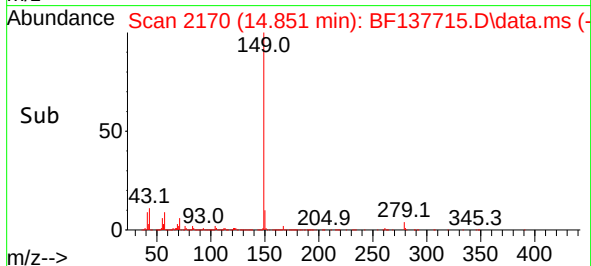
Tgt Ion:149 Resp: 276412
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.8 13.2

Manual Integrations

APPROVED

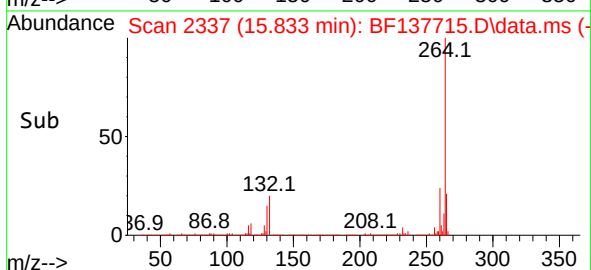
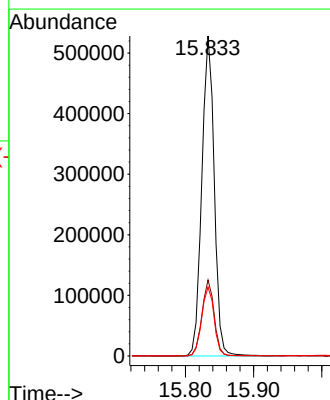
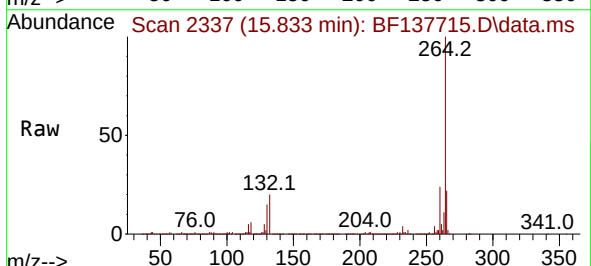
Reviewed By :Yogesh Patel 04/26/2024

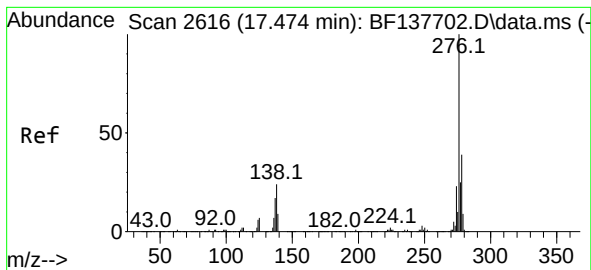
Supervised By :mohammad ahmed 04/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 2337
Delta R.T. -0.000 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Tgt Ion:264 Resp: 670411
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.918 ng

RT: 17.480 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

Tgt Ion:276 Resp: 1781225

Ion Ratio Lower Upper

276 100

138 27.5 22.3 33.5

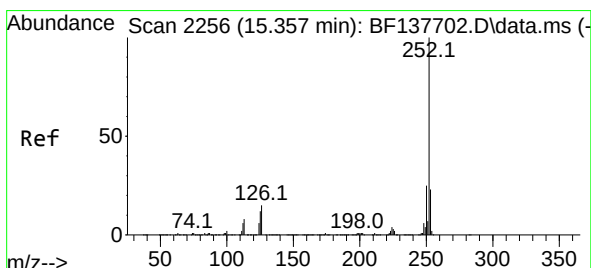
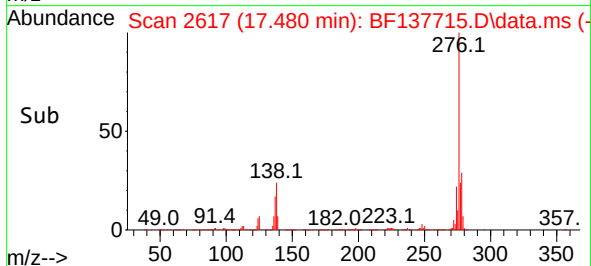
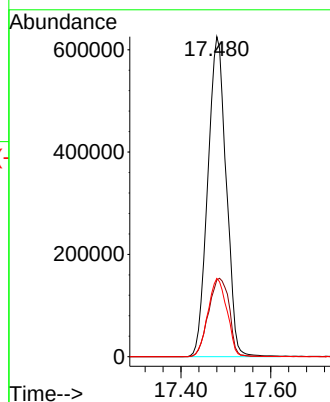
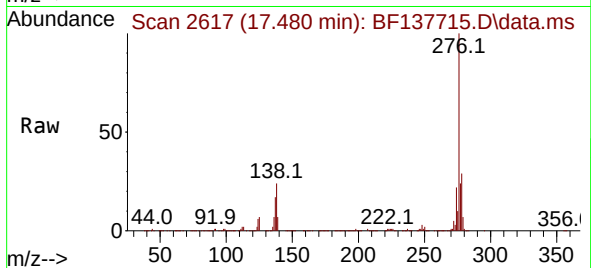
277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 50.698 ng

RT: 15.362 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

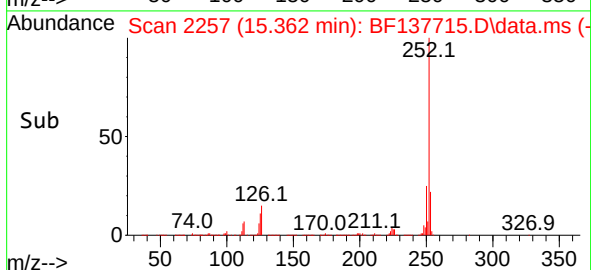
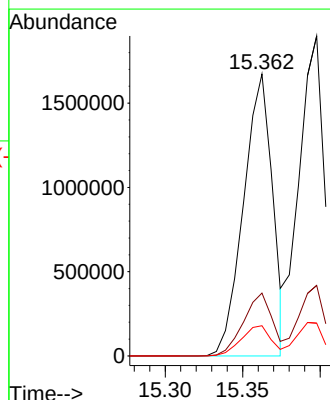
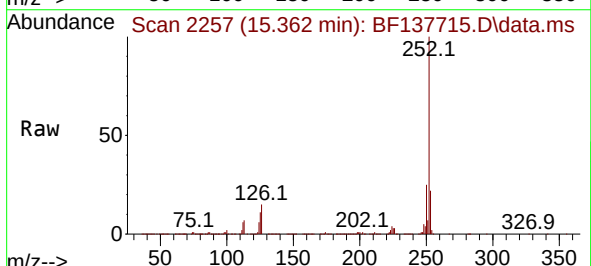
Tgt Ion:252 Resp: 2174972

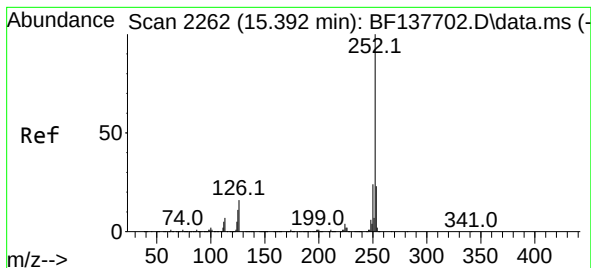
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 10.7 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 51.472 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS

Tgt Ion:252 Resp: 217058

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

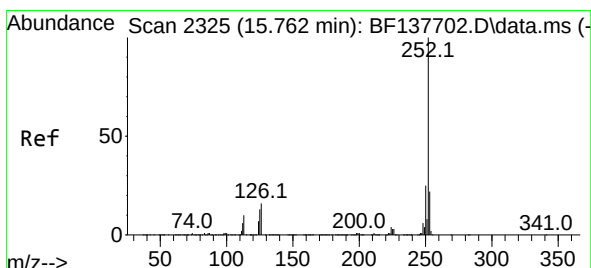
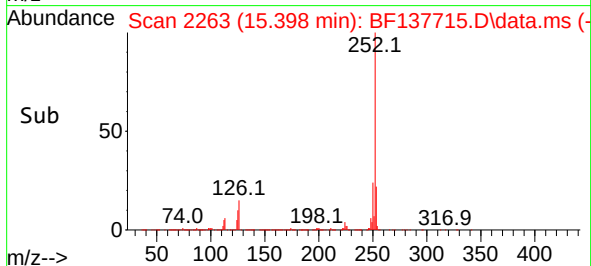
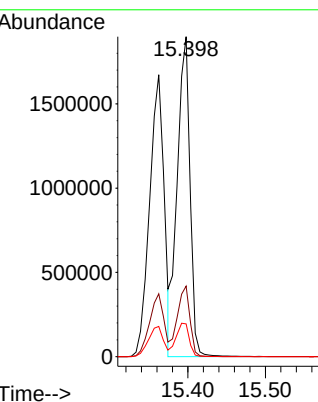
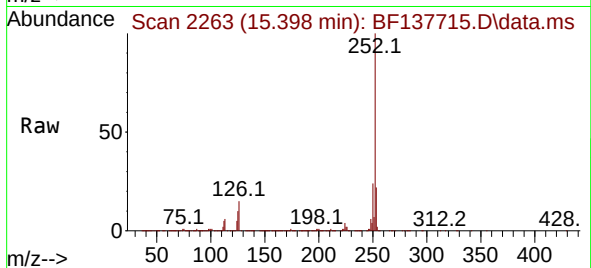
125 10.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#90

Benzo(a)pyrene

Concen: 45.680 ng

RT: 15.768 min Scan# 2326

Delta R.T. 0.006 min

Lab File: BF137715.D

Acq: 24 Apr 2024 13:11

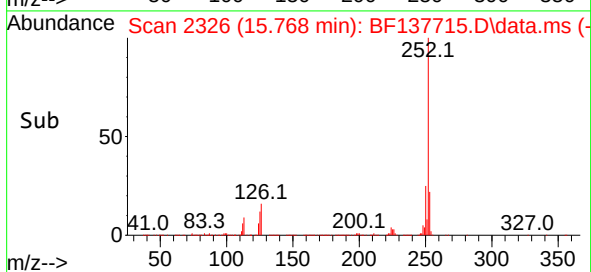
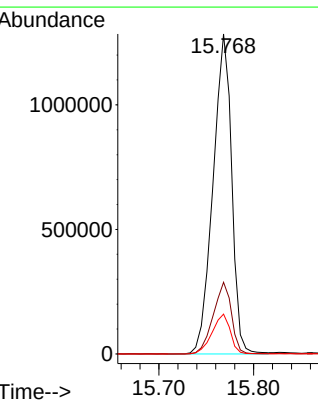
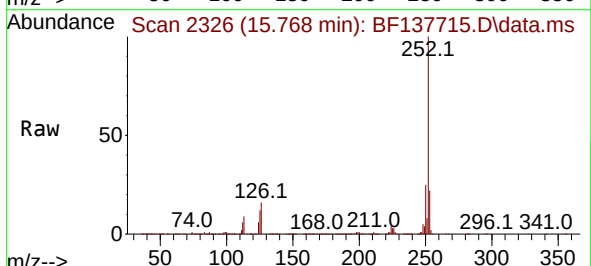
Tgt Ion:252 Resp: 1757953

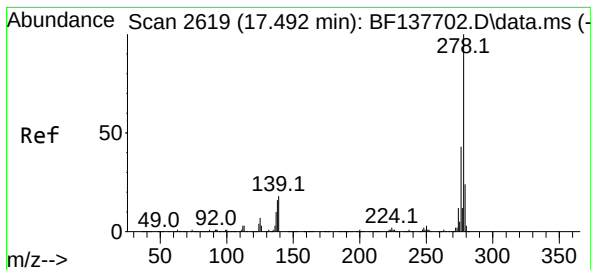
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 12.4 10.2 15.2





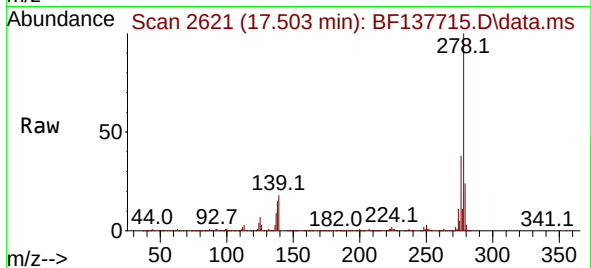
#91
Dibenzo(a,h)anthracene
Concen: 48.433 ng
RT: 17.503 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB160462BS



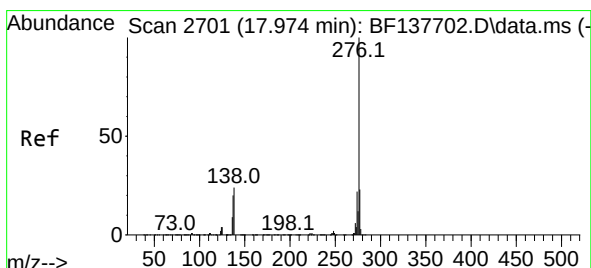
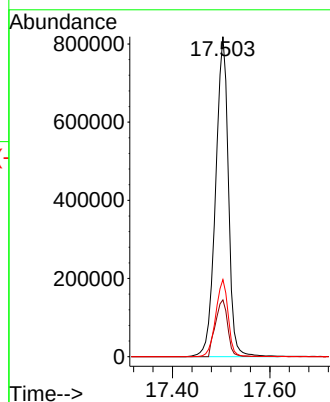
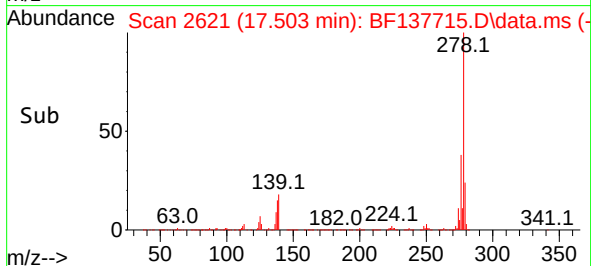
Tgt Ion:278 Resp: 1494059
Ion Ratio Lower Upper
278 100
139 17.8 14.7 22.1
279 24.1 19.1 28.7

Manual Integrations

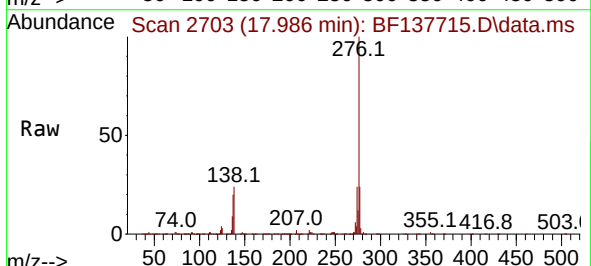
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92
Benzo(g,h,i)perylene
Concen: 47.620 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137715.D
Acq: 24 Apr 2024 13:11



Tgt Ion:276 Resp: 1428418
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 24.0 19.5 29.3

