

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137716.D
 Acq On : 24 Apr 2024 13:44
 Operator : CG\JU
 Sample : PB160462BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 14:14:00 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	276500	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1111646	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	577056	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1020489	20.000	ng	# 0.00
76) Chrysene-d12	14.262	240	721195	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	579347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1595987	87.680	ng	0.01
7) Phenol-d6	6.675	99	2012060	87.046	ng	0.00
23) Nitrobenzene-d5	7.628	82	1776976	84.854	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	554085	95.156	ng	0.00
45) 2-Fluorobiphenyl	9.427	172	3343840	86.584	ng	0.00
79) Terphenyl-d14	13.198	244	3776021	84.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	305077	37.430	ng	98
3) Pyridine	3.810	79	787748	36.281	ng	100
4) n-Nitrosodimethylamine	3.781	42	432648	42.696	ng	97
6) Aniline	6.728	93	842610	29.288	ng	97
8) 2-Chlorophenol	6.845	128	895491	47.129	ng	96
9) Benzaldehyde	6.616	77	197259	15.206	ng	92
10) Phenol	6.686	94	1075833	46.589	ng	95
11) bis(2-Chloroethyl)ether	6.792	93	835909	44.380	ng	96
12) 1,3-Dichlorobenzene	7.004	146	924653	46.404	ng	99
13) 1,4-Dichlorobenzene	7.081	146	933800	46.548	ng	99
14) 1,2-Dichlorobenzene	7.234	146	897801	48.078	ng	98
15) Benzyl Alcohol	7.198	79	752646	43.526	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1288998	44.500	ng	99
17) 2-Methylphenol	7.298	107	720742	42.694	ng	98
18) Hexachloroethane	7.581	117	333310	46.945	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	635251	42.500	ng	97
20) 3+4-Methylphenols	7.451	107	921208	42.250	ng	94
22) Acetophenone	7.469	105	1202898	44.241	ng	98
24) Nitrobenzene	7.645	77	929730	43.943	ng	96
25) Isophorone	7.881	82	1742464	44.801	ng	99
26) 2-Nitrophenol	7.957	139	457115	49.233	ng	94
27) 2,4-Dimethylphenol	7.986	122	868274	46.353	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1048387	44.132	ng	100
29) 2,4-Dichlorophenol	8.198	162	749592	45.661	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	773701	46.238	ng	99
31) Naphthalene	8.369	128	2535280	44.693	ng	100
32) Benzoic acid	8.098	122	532973	44.937	ng	95
33) 4-Chloroaniline	8.410	127	490043	20.409	ng	99
34) Hexachlorobutadiene	8.480	225	455692	45.426	ng	98
35) Caprolactam	8.780	113	239747m	45.170	ng	
36) 4-Chloro-3-methylphenol	8.886	107	779230	44.753	ng	94
37) 2-Methylnaphthalene	9.063	142	1660554	42.649	ng	100
38) 1-Methylnaphthalene	9.163	142	1554508	42.703	ng	99
40) 1,2,4,5-Tetrachloroben...	9.227	216	744031	47.030	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1013626	114.350	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	547177	49.303	ng	99

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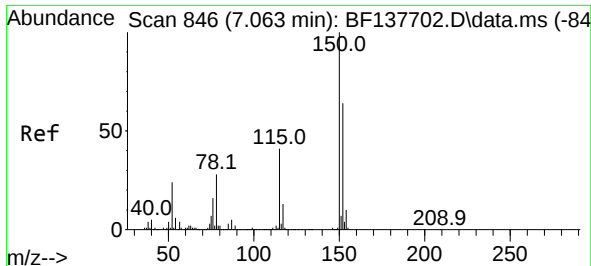
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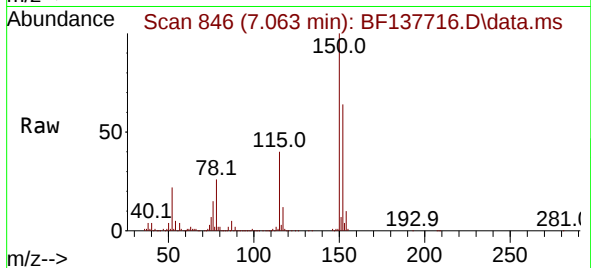
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	569368	44.765	ng	97
46) 1,1'-Biphenyl	9.527	154	1982594	47.228	ng	98
47) 2-Chloronaphthalene	9.557	162	1568696	48.476	ng	100
48) 2-Nitroaniline	9.645	65	485229	49.207	ng	99
49) Acenaphthylene	9.975	152	2371015	46.983	ng	100
50) Dimethylphthalate	9.827	163	1882652	46.826	ng	99
51) 2,6-Dinitrotoluene	9.886	165	427067	50.415	ng	98
52) Acenaphthene	10.145	154	1674348	51.240	ng	100
53) 3-Nitroaniline	10.057	138	299984	31.512	ng	90
54) 2,4-Dinitrophenol	10.163	184	454027	99.420	ng	# 47
55) Dibenzofuran	10.322	168	2204020	46.013	ng	100
56) 4-Nitrophenol	10.210	139	772445	104.341	ng	99
57) 2,4-Dinitrotoluene	10.292	165	563245	52.741	ng	97
58) Fluorene	10.663	166	1723732	46.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.427	232	483685	49.111	ng	98
60) Diethylphthalate	10.527	149	1786361	46.195	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	849090	45.914	ng	99
62) 4-Nitroaniline	10.680	138	437189	48.216	ng	99
63) Azobenzene	10.816	77	1759368	44.399	ng	94
65) 4,6-Dinitro-2-methylph...	10.704	198	300118	51.292	ng	81
66) n-Nitrosodiphenylamine	10.769	169	1573351	45.521	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	532587	45.040	ng	100
68) Hexachlorobenzene	11.210	284	547649	47.539	ng	99
69) Atrazine	11.292	200	531973	55.679	ng	98
70) Pentachlorophenol	11.404	266	704975	81.352	ng	99
71) Phenanthrene	11.633	178	2453574	45.420	ng	100
72) Anthracene	11.686	178	2477033	44.780	ng	100
73) Carbazole	11.839	167	2317421	46.227	ng	99
74) Di-n-butylphthalate	12.157	149	2694839	44.098	ng	100
75) Fluoranthene	12.827	202	2546614	44.850	ng	100
77) Benzidine	12.939	184	613918	36.446	ng	99
78) Pyrene	13.057	202	2621231	44.281	ng	100
80) Butylbenzylphthalate	13.663	149	989833	47.153	ng	99
81) Benzo(a)anthracene	14.251	228	2297133	45.667	ng	100
82) 3,3'-Dichlorobenzidine	14.204	252	499556	32.098	ng	98
83) Chrysene	14.286	228	2089158	44.450	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1461370	46.097	ng	100
85) Di-n-octyl phthalate	14.851	149	2224297	46.709	ng	98
87) Indeno(1,2,3-cd)pyrene	17.474	276	1667767	51.917	ng	99
88) Benzo(b)fluoranthene	15.357	252	1889801	50.975	ng	99
89) Benzo(k)fluoranthene	15.392	252	1813039	49.751	ng	99
90) Benzo(a)pyrene	15.768	252	1520970	45.734	ng	98
91) Dibenzo(a,h)anthracene	17.503	278	1395078	52.333	ng	98
92) Benzo(g,h,i)perylene	17.980	276	1363177	52.588	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

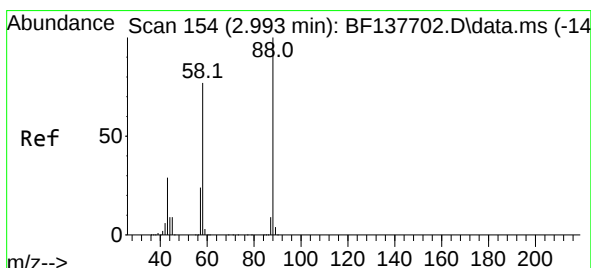
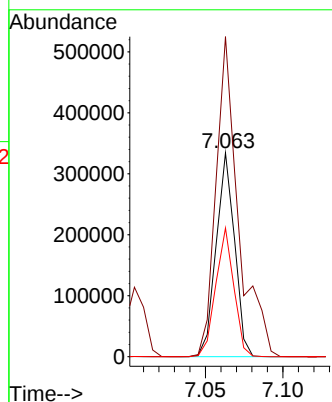
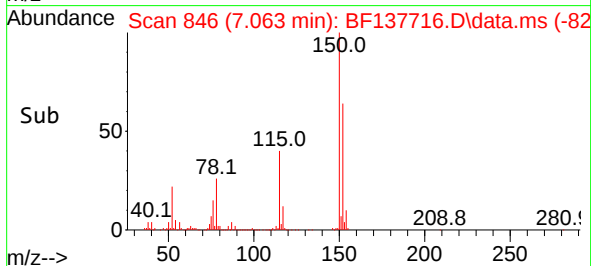
Instrument :
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ClientSampleId :
PB160462BSD



Tgt Ion:152 Resp: 276500
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.4
115 63.1 50.8 76.2

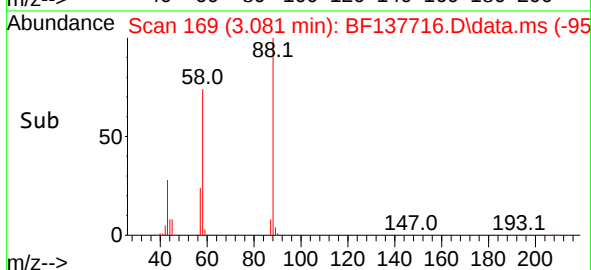
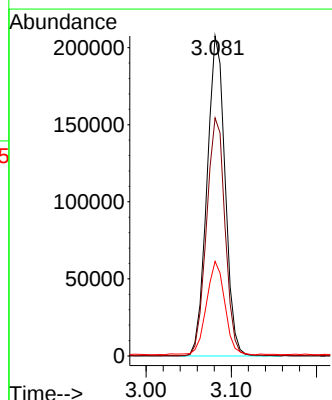
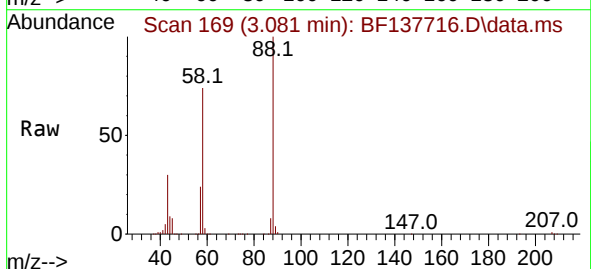
Manual Integrations
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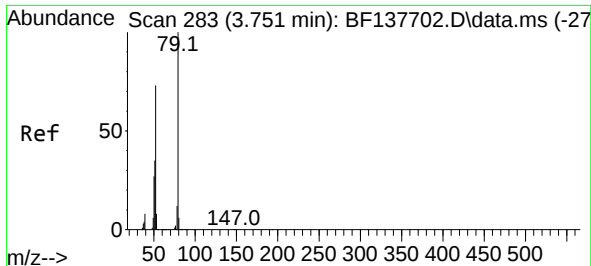
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 37.430 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.088 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion: 88 Resp: 305077
Ion Ratio Lower Upper
88 100
58 76.1 62.4 93.6
43 29.8 23.7 35.5





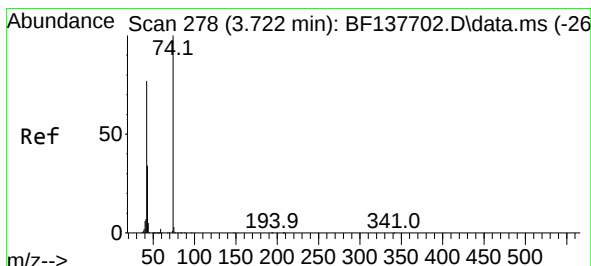
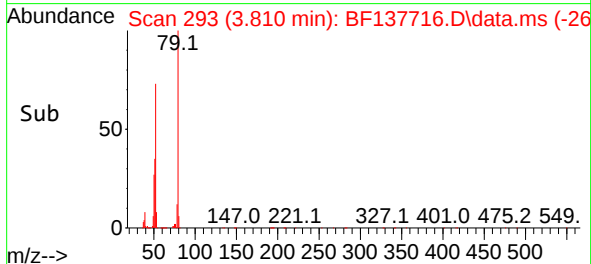
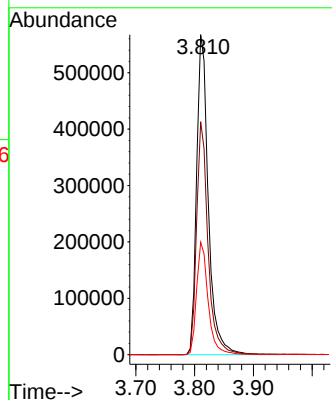
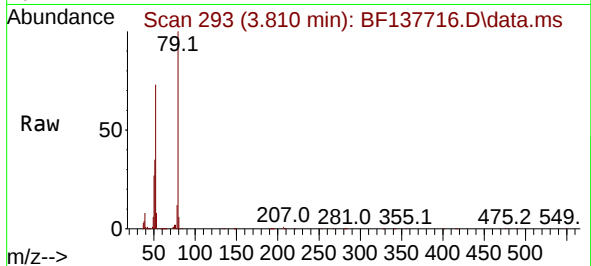
#3
Pyridine
Concen: 36.281 ng
RT: 3.810 min Scan# 293
Delta R.T. 0.059 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB160462BSD

Tgt Ion: 79 Resp: 787748
Ion Ratio Lower Upper
79 100
52 72.8 58.0 87.0
51 35.2 27.9 41.9

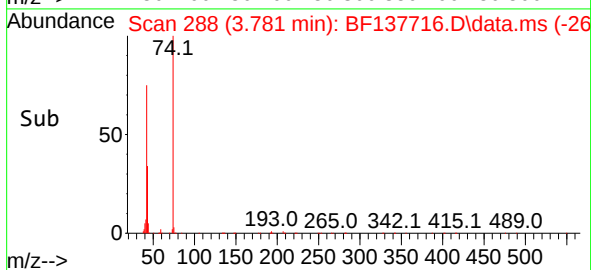
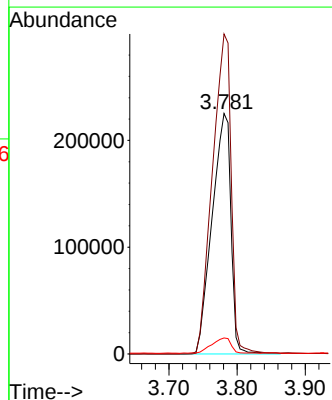
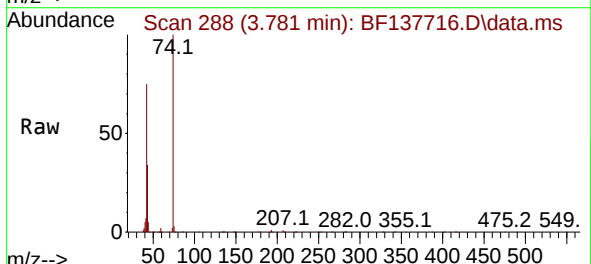
Manual Integrations
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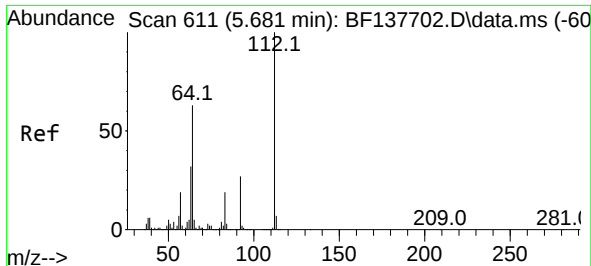
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 42.696 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.059 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion: 42 Resp: 432648
Ion Ratio Lower Upper
42 100
74 133.1 103.4 155.2
44 6.6 5.5 8.3





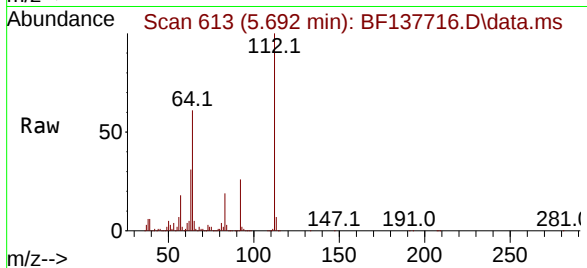
#5
2-Fluorophenol
Concen: 87.680 ng
RT: 5.692 min Scan# 611
Delta R.T. 0.012 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

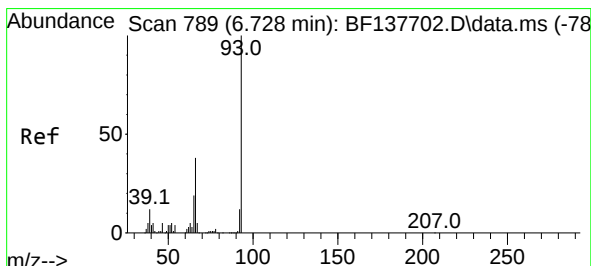
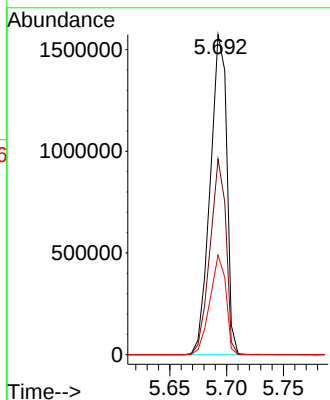
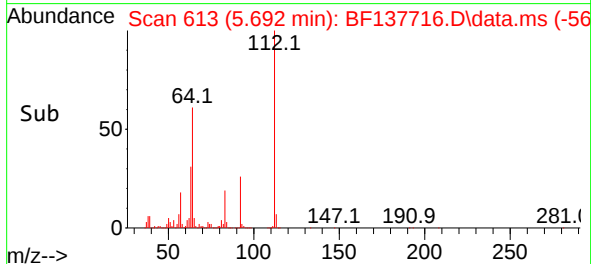


Tgt Ion: 112 Resp: 159598
Ion Ratio Lower Upper
112 100
64 61.1 50.1 75.1
63 31.1 25.2 37.8

Manual Integrations
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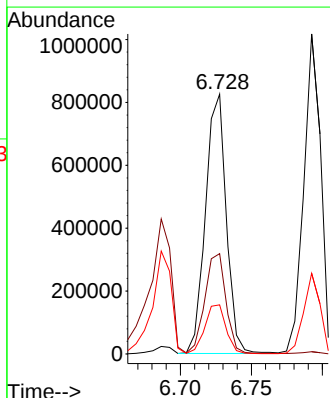
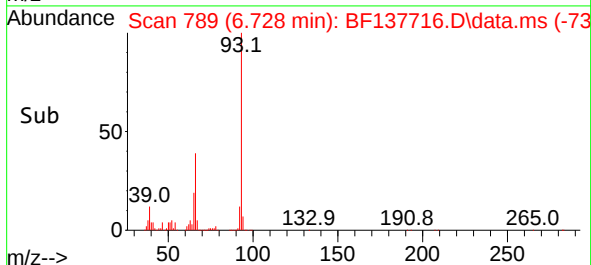
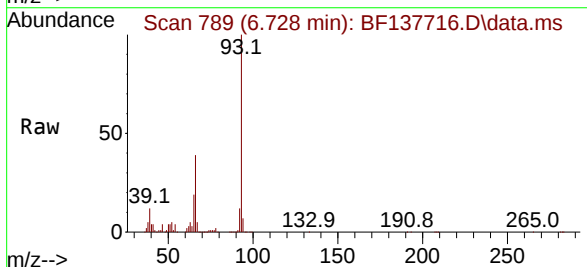
Reviewed By :Yogesh Patel 04/26/2024

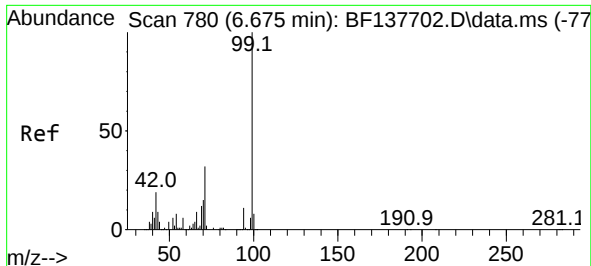
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 29.288 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

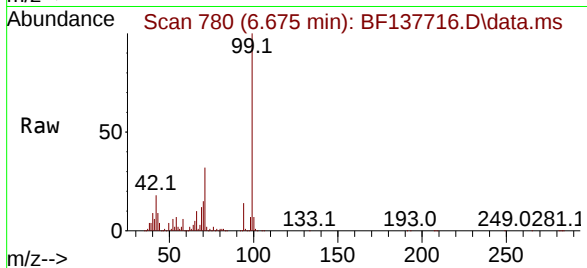
Tgt Ion: 93 Resp: 842610
Ion Ratio Lower Upper
93 100
66 38.6 32.1 48.1
65 18.9 16.4 24.6





#7
Phenol-d6
Concen: 87.046 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

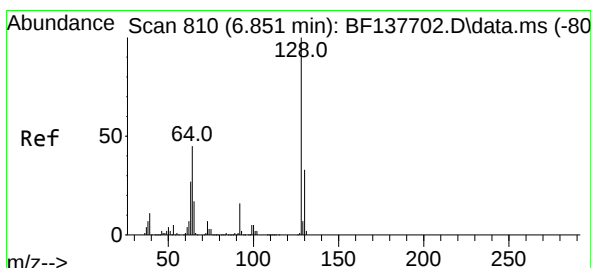
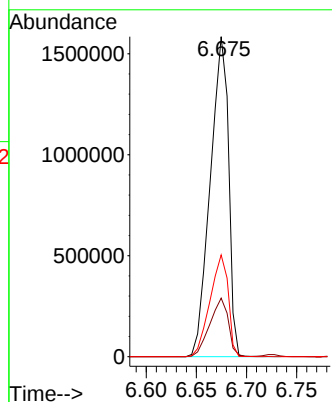
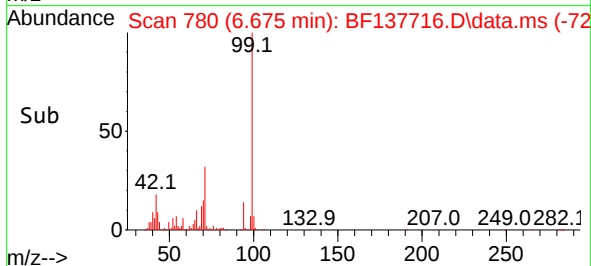
Instrument :
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Tgt Ion: 99 Resp: 2012060
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 31.8 25.7 38.5

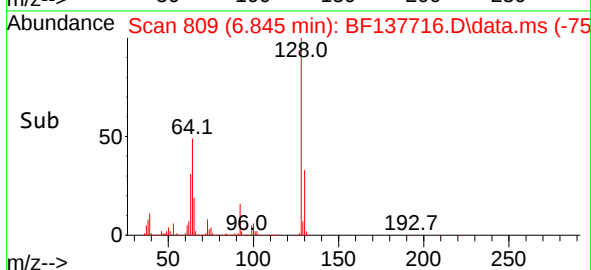
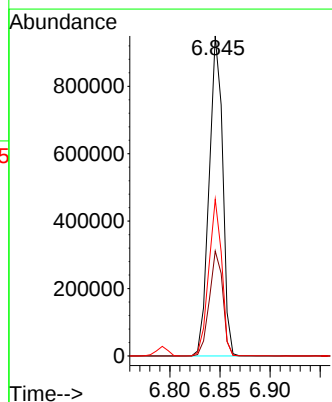
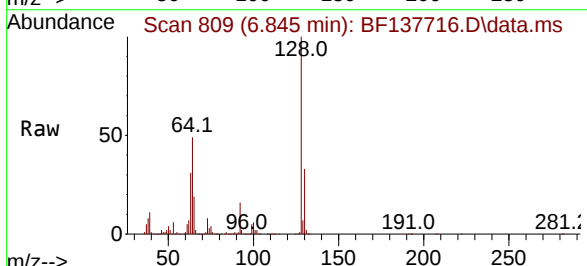
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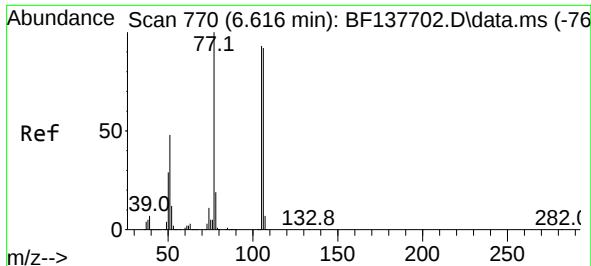
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 47.129 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

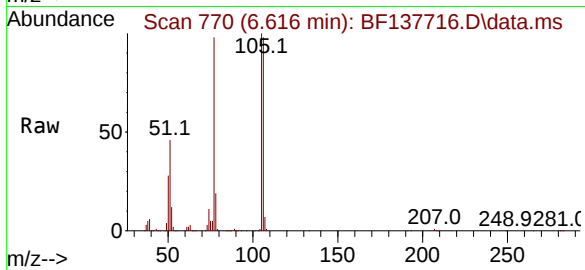
Tgt Ion:128 Resp: 895491
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 48.9 24.7 64.7





#9
Benzaldehyde
Concen: 15.206 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

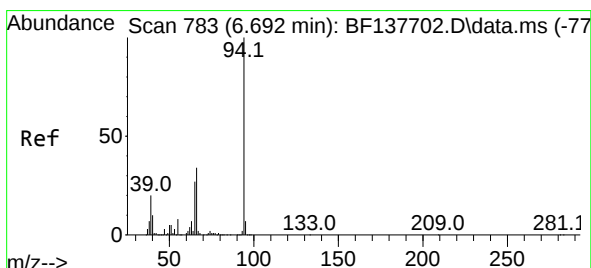
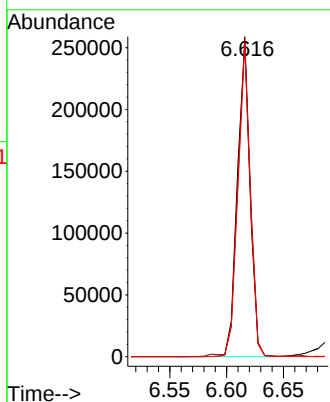
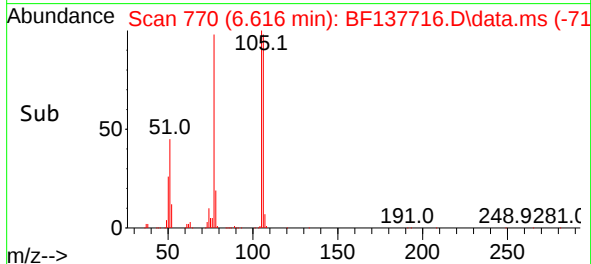
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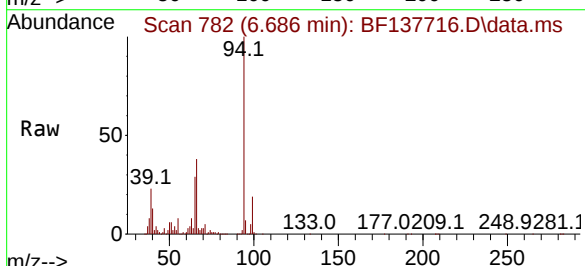
Tgt Ion: 77 Resp: 197259
Ion Ratio Lower Upper
77 100
105 101.7 73.3 113.3
106 99.5 72.1 112.1

Manual Integrations
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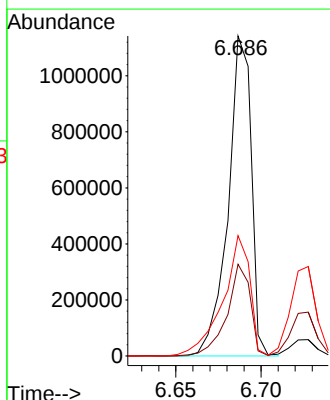
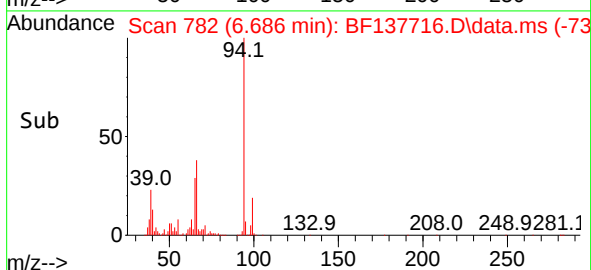
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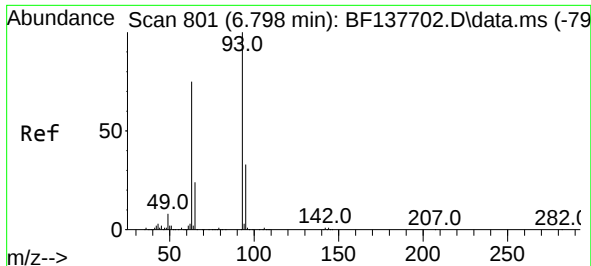


#10
Phenol
Concen: 46.589 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



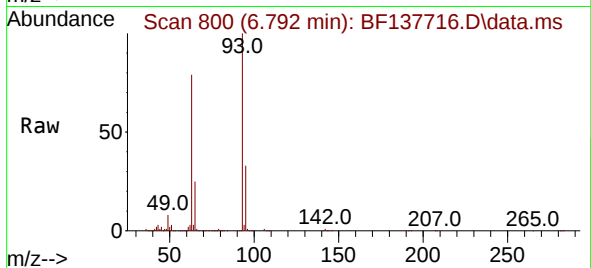
Tgt Ion: 94 Resp: 1075833
Ion Ratio Lower Upper
94 100
65 28.6 6.5 46.5
66 37.6 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 44.380 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

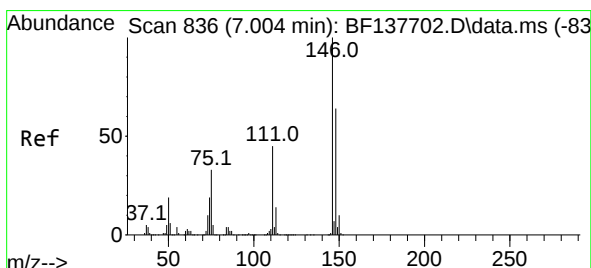
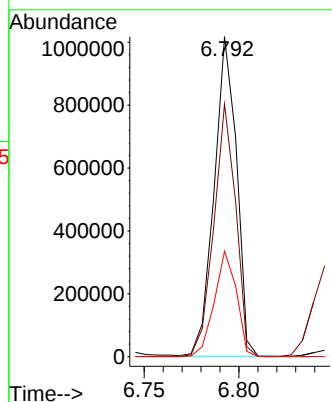
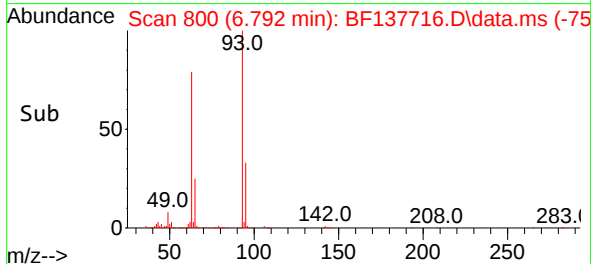
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion: 93 Resp: 835909
Ion Ratio Lower Upper
93 100
63 78.9 54.8 94.8
95 32.9 13.2 53.2

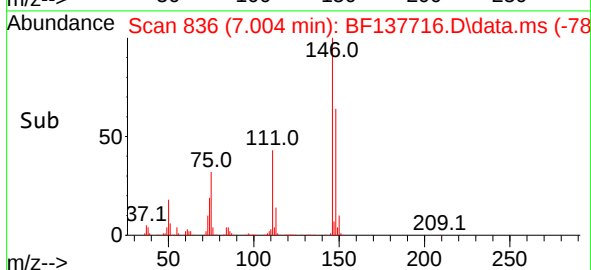
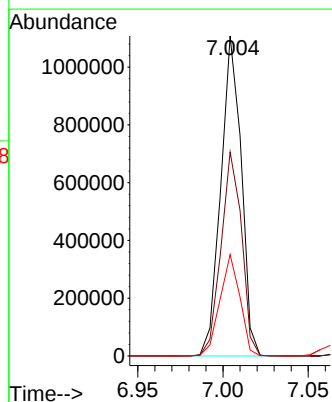
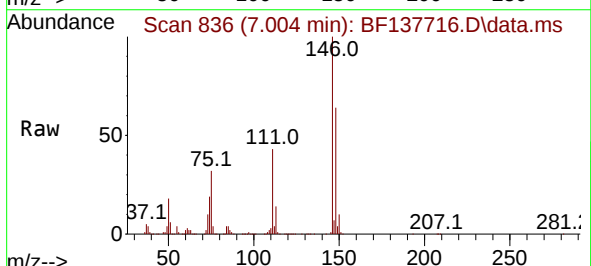
Manual Integrations
APPROVED

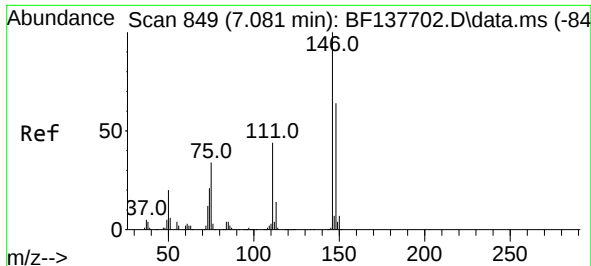
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 46.404 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:146 Resp: 924653
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 31.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.548 ng

RT: 7.081 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion:146 Resp: 933800

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

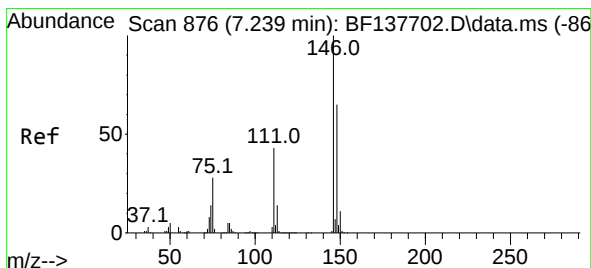
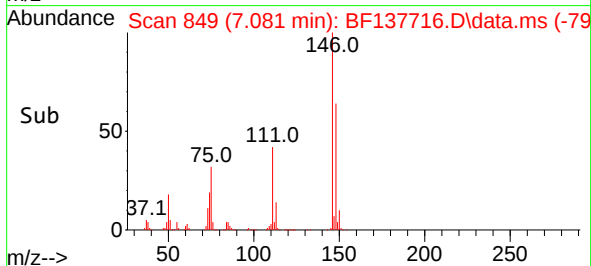
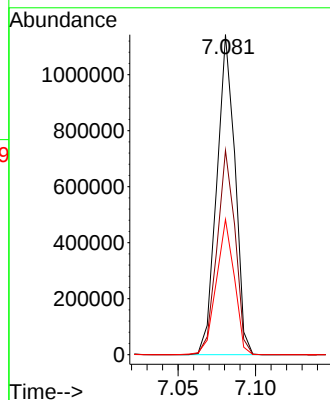
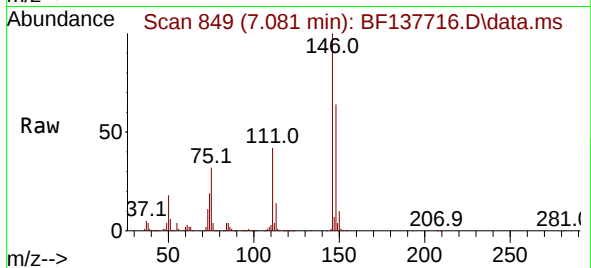
111 42.2 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#14

1,2-Dichlorobenzene

Concen: 48.078 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

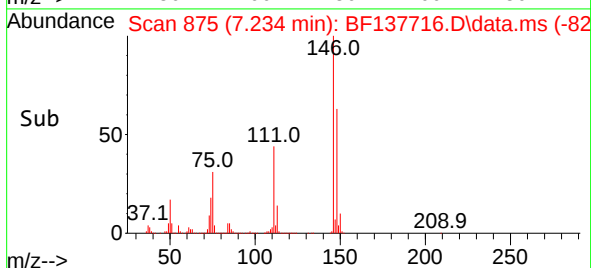
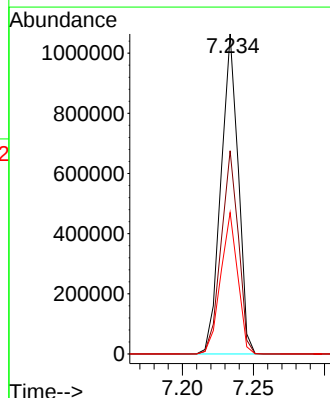
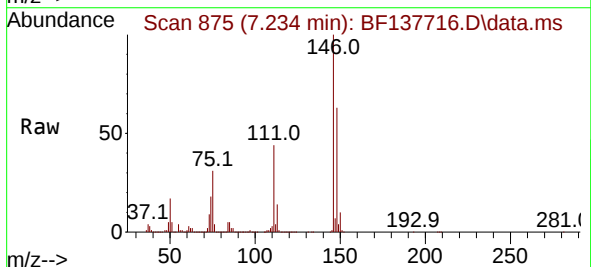
Tgt Ion:146 Resp: 897801

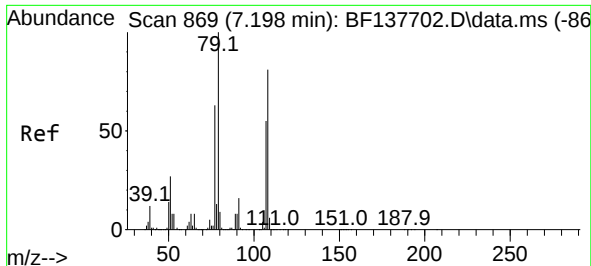
Ion Ratio Lower Upper

146 100

148 63.5 52.1 78.1

111 44.2 34.5 51.7





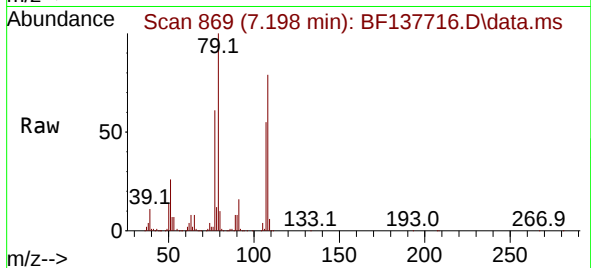
#15
Benzyl Alcohol
Concen: 43.526 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



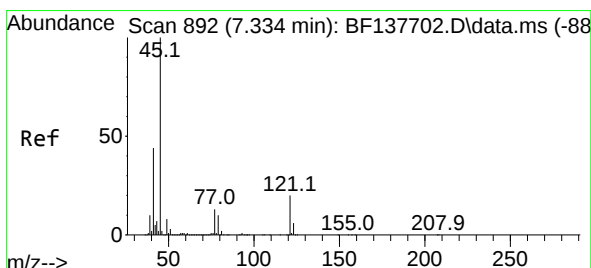
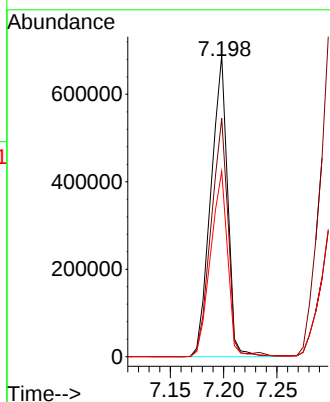
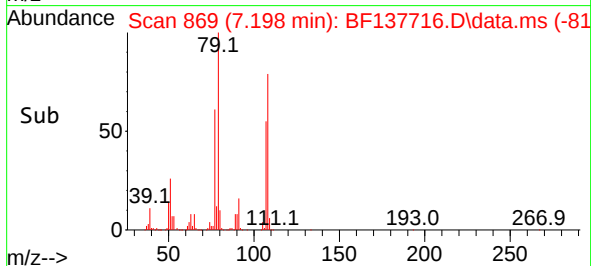
Tgt Ion: 79 Resp: 752640
Ion Ratio Lower Upper
79 100
108 79.0 64.8 97.2
77 61.5 50.3 75.5

Manual Integrations

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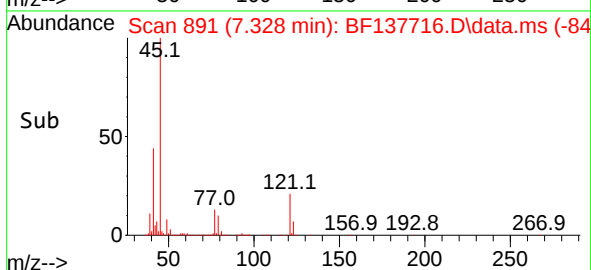
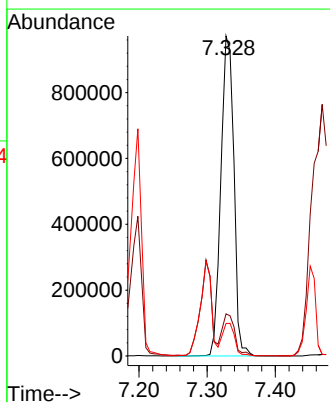
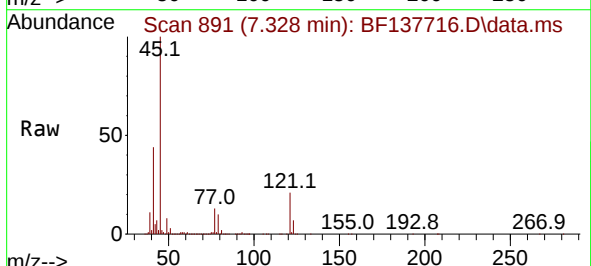
Reviewed By :Yogesh Patel 04/26/2024

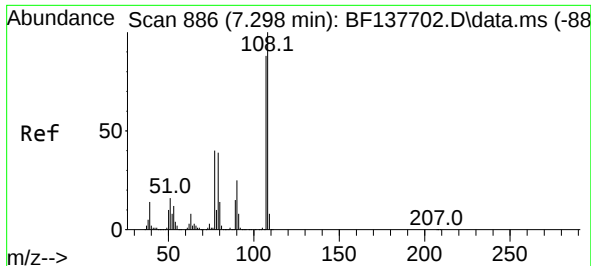
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.500 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion: 45 Resp: 1288998
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 10.1 0.0 30.1





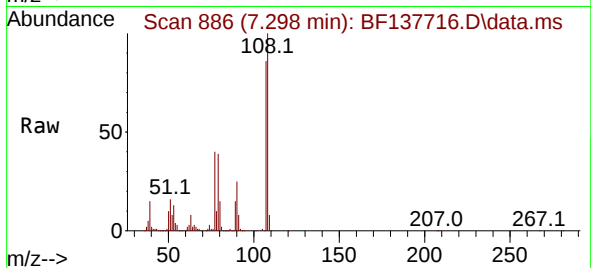
#17
2-Methylphenol
Concen: 42.694 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



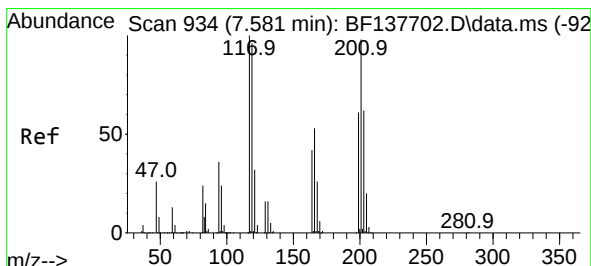
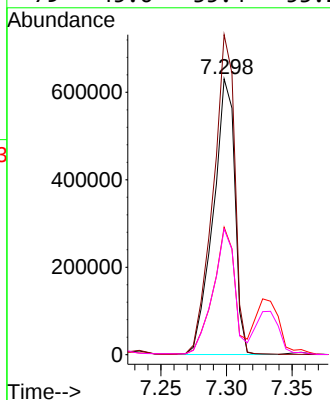
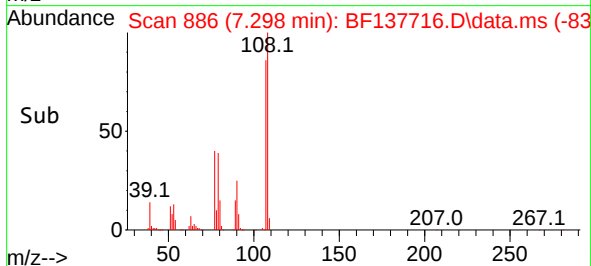
Tgt Ion:107 Resp: 72074
Ion Ratio Lower Upper
107 100
108 116.0 90.6 135.8
77 46.3 35.8 53.8
79 45.6 35.4 53.2

Manual Integrations

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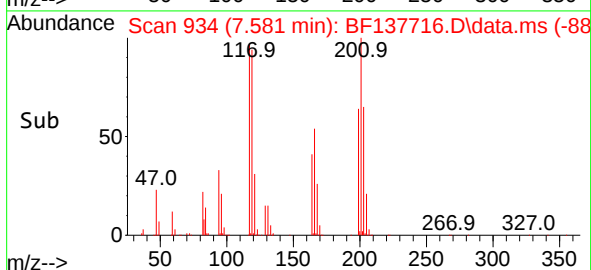
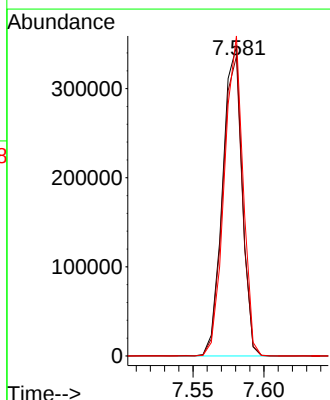
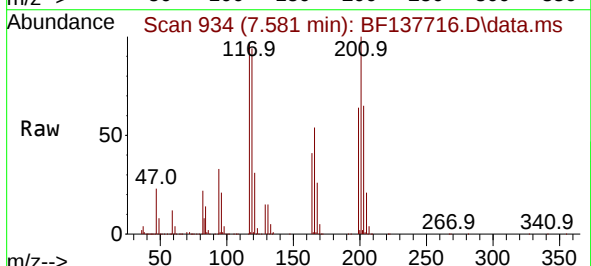
Reviewed By :Yogesh Patel 04/26/2024

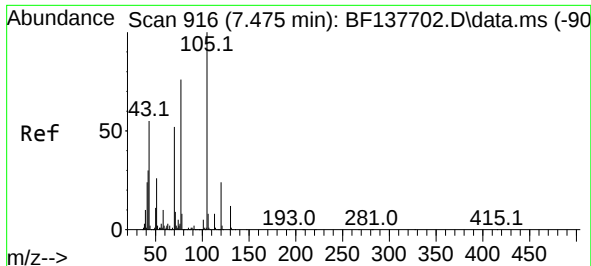
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 46.945 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:117 Resp: 333310
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7
201 103.4 78.1 117.1





#19

n-Nitroso-di-n-propylamine

Concen: 42.500 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF137716.D

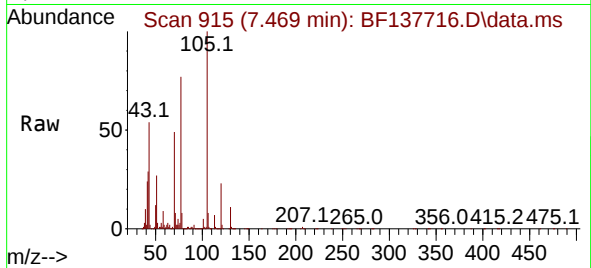
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



Tgt Ion: 70 Resp: 63525

Ion Ratio Lower Upper

70 100

42 60.0 45.9 68.9

101 9.8 8.0 12.0

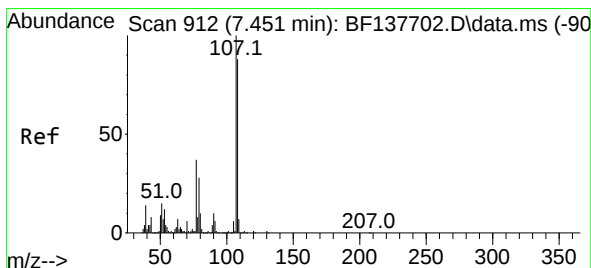
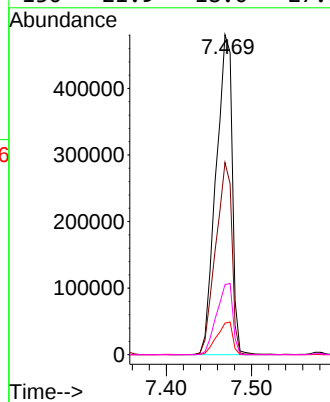
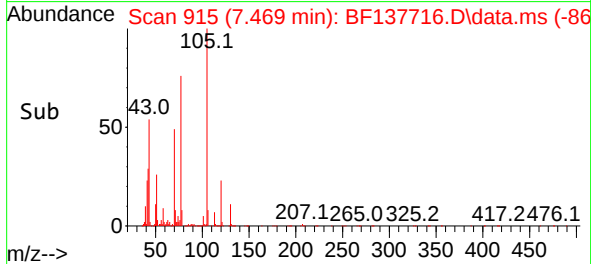
130 21.9 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#20

3+4-Methylphenols

Concen: 42.250 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Tgt Ion:107 Resp: 921208

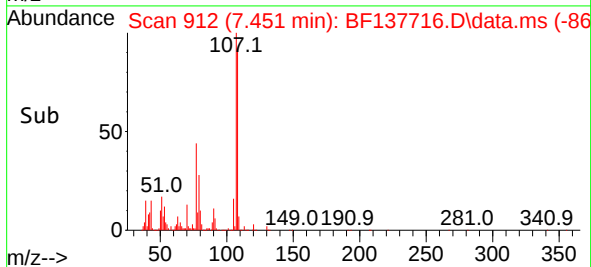
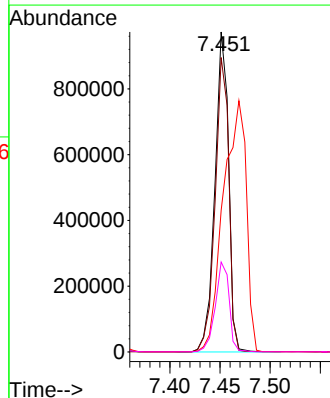
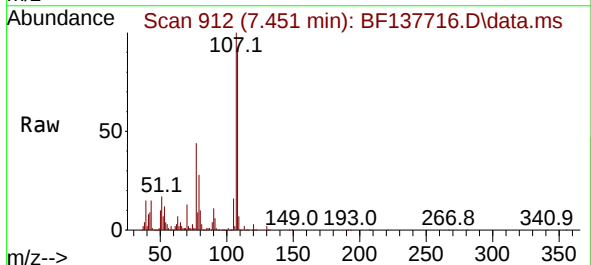
Ion Ratio Lower Upper

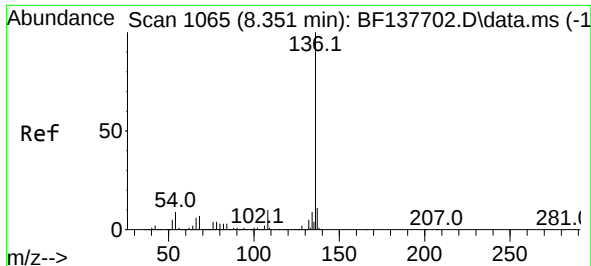
107 100

108 92.0 68.2 108.2

77 44.3 16.8 56.8

79 28.1 7.7 47.7





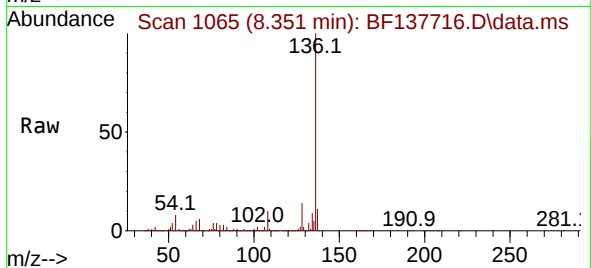
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



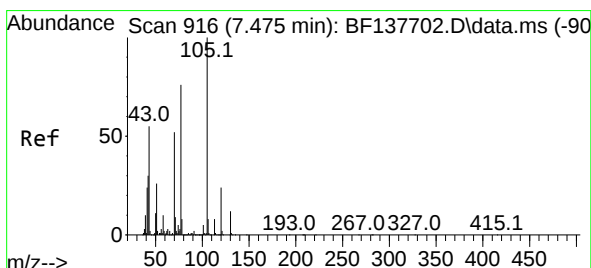
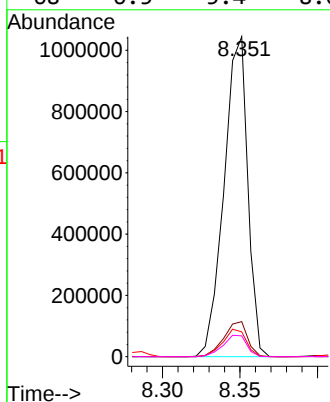
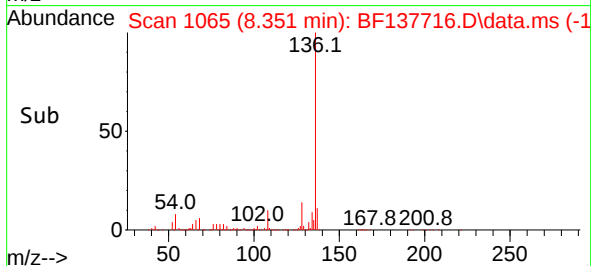
Tgt Ion:136 Resp: 1111640
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.9 10.3
68 6.5 5.4 8.0

Manual Integrations

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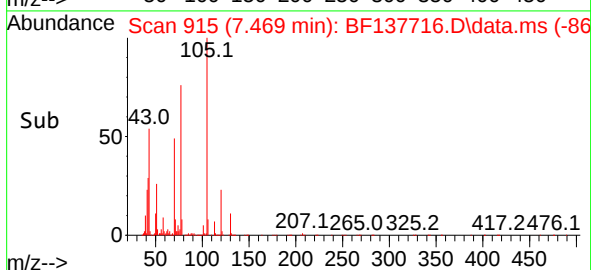
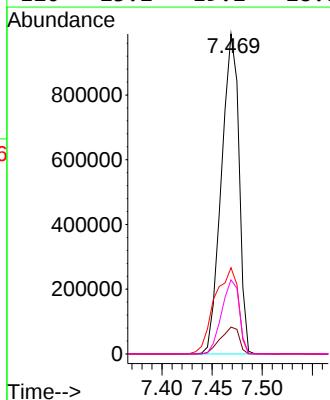
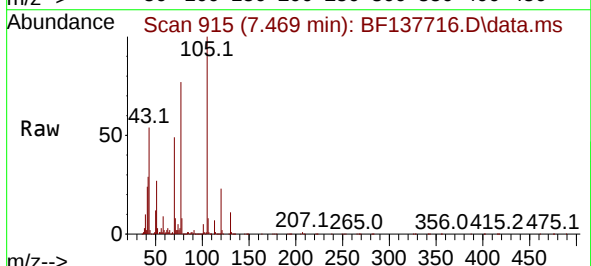
Reviewed By :Yogesh Patel 04/26/2024

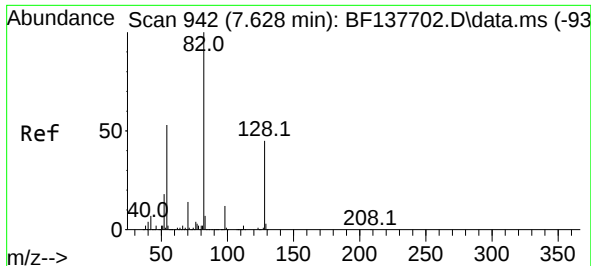
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 44.241 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:105 Resp: 1202898
Ion Ratio Lower Upper
105 100
71 8.4 7.0 10.6
51 27.0 20.5 30.7
120 23.2 19.2 28.8





#23

Nitrobenzene-d5

Concen: 84.854 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion: 82 Resp: 1776970

Ion Ratio Lower Upper

82 100

128 46.7 35.8 53.6

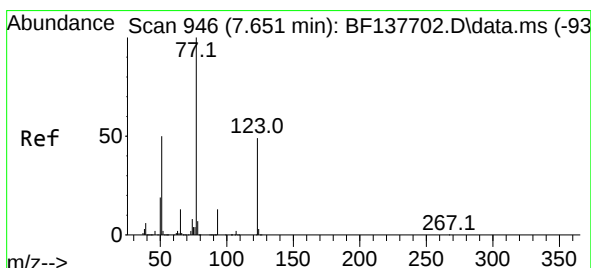
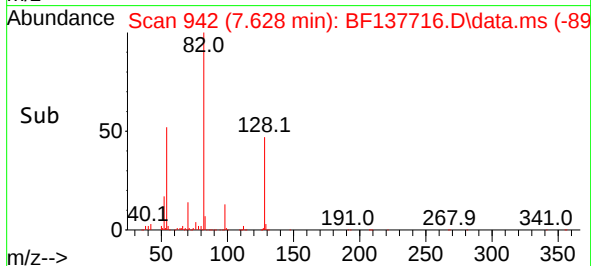
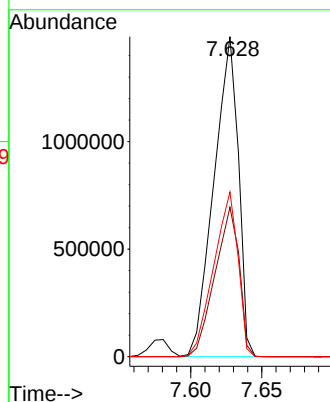
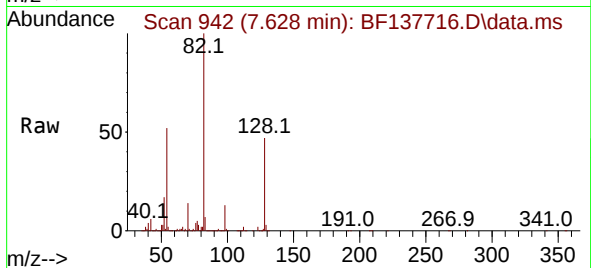
54 51.5 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 43.943 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

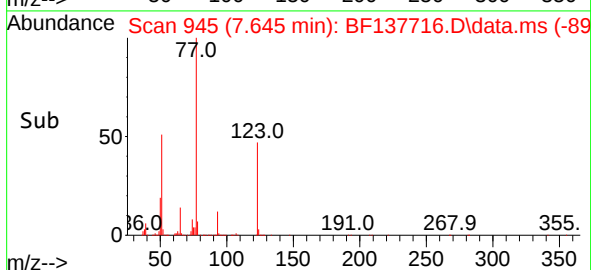
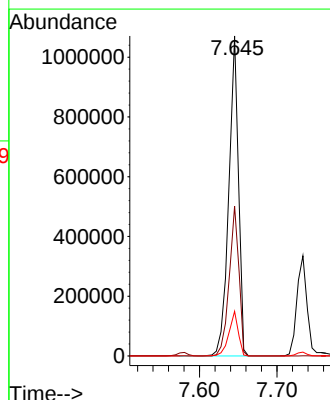
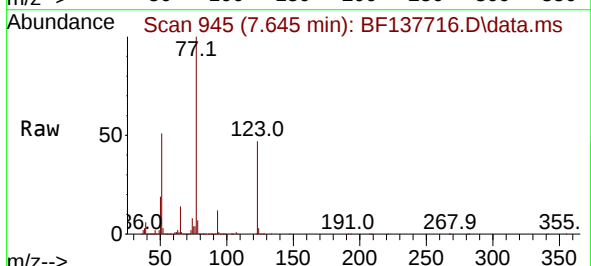
Tgt Ion: 77 Resp: 929730

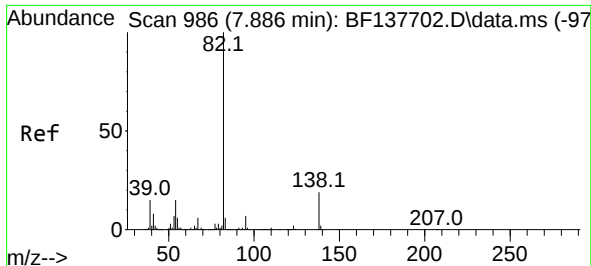
Ion Ratio Lower Upper

77 100

123 46.8 40.4 60.6

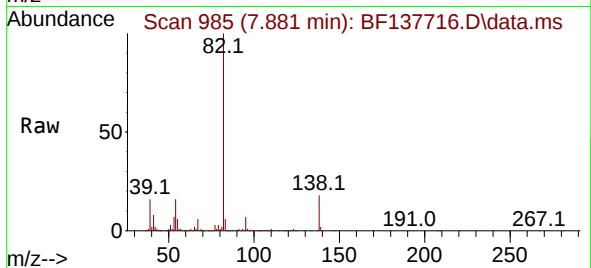
65 13.9 10.7 16.1





#25
Isophorone
Concen: 44.801 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

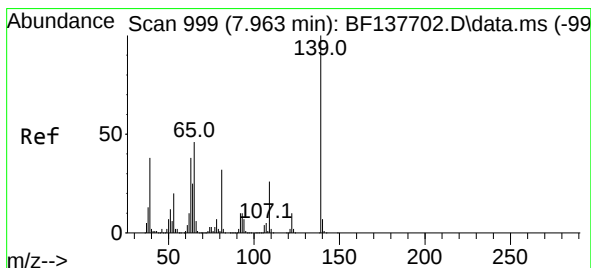
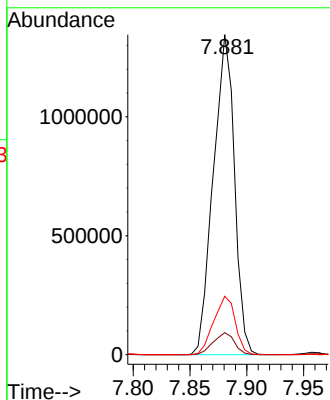
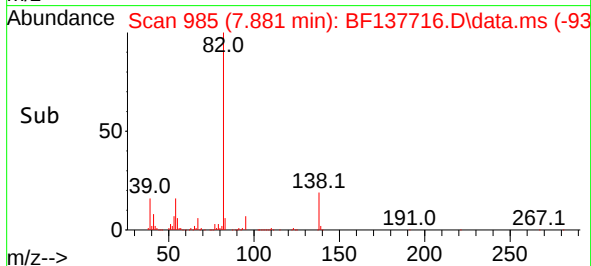
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion: 82 Resp: 1742464
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.2 15.3 22.9

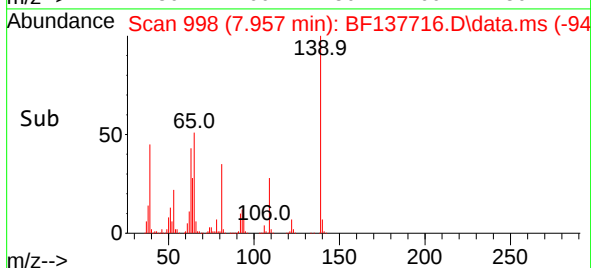
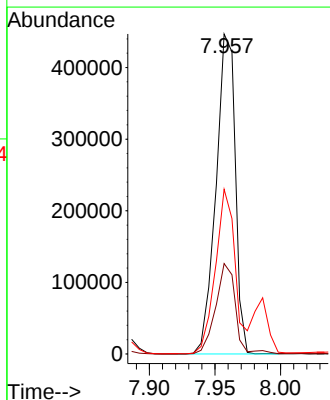
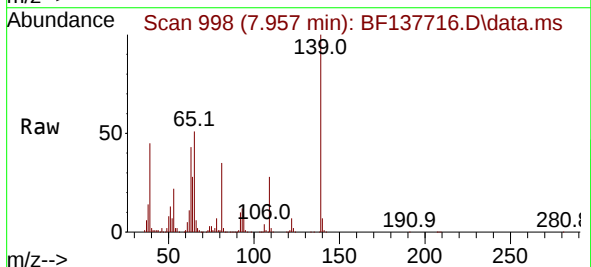
Manual Integrations
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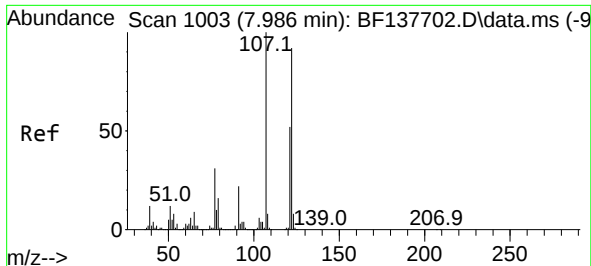
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 49.233 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

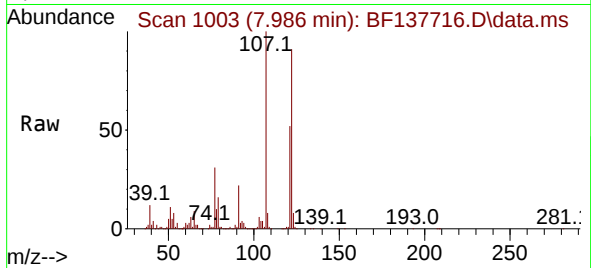
Tgt Ion:139 Resp: 457115
Ion Ratio Lower Upper
139 100
109 28.2 21.1 31.7
65 51.5 37.1 55.7





#27
2,4-Dimethylphenol
Concen: 46.353 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

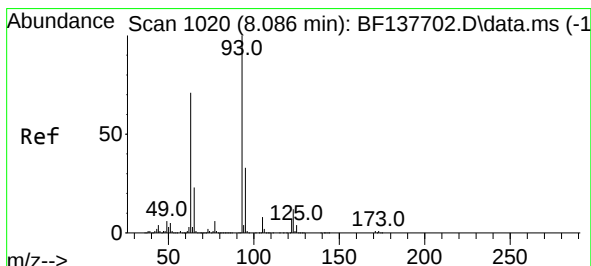
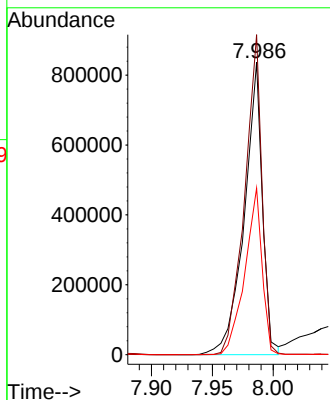
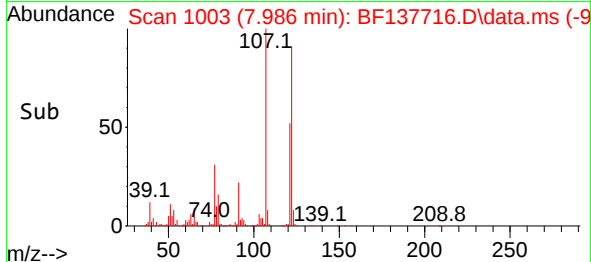
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



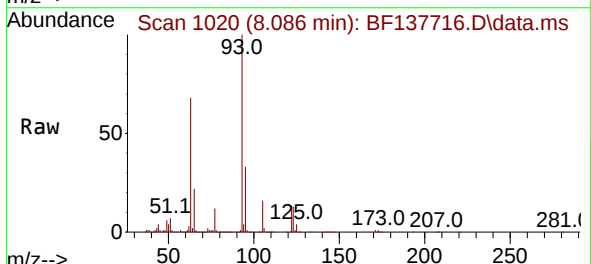
Tgt Ion:122 Resp: 868274
Ion Ratio Lower Upper
122 100
107 109.5 87.2 130.8
121 57.0 45.2 67.8

Manual Integrations
APPROVED

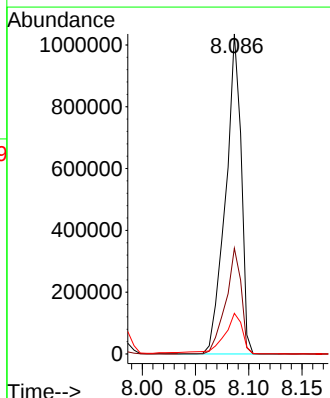
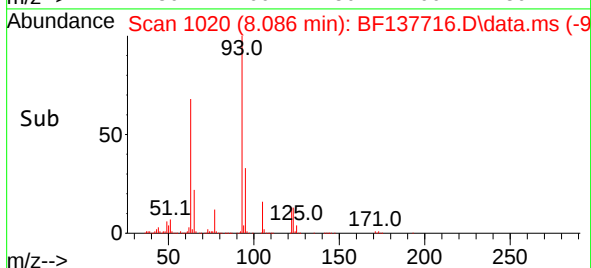
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

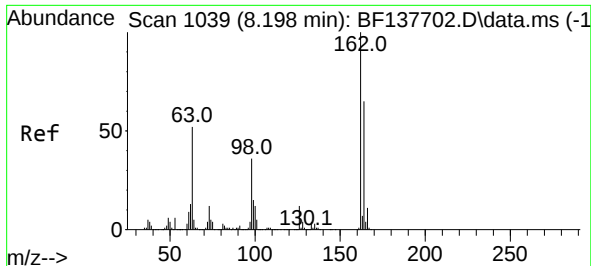


#28
bis(2-Chloroethoxy)methane
Concen: 44.132 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



Tgt Ion: 93 Resp: 1048387
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.661 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

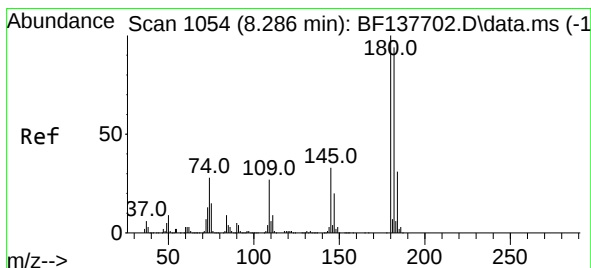
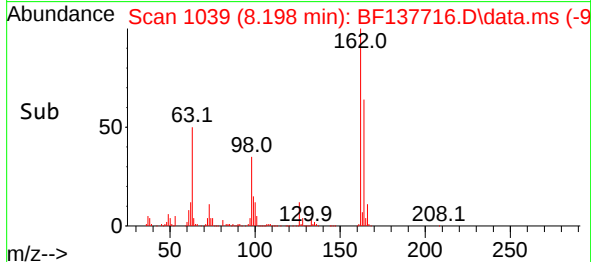
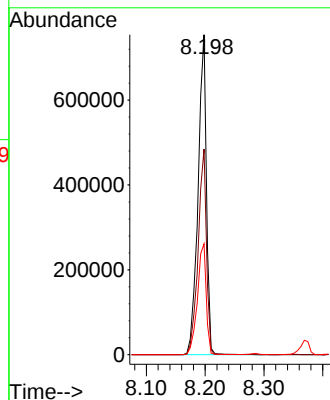
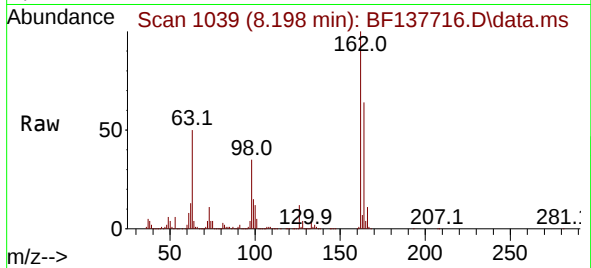
Tgt Ion:162 Resp: 749592
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.2 85.2
 98 34.7 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.238 ng

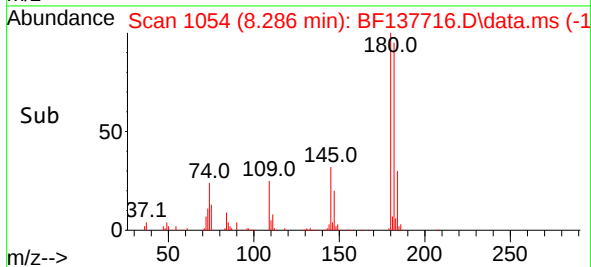
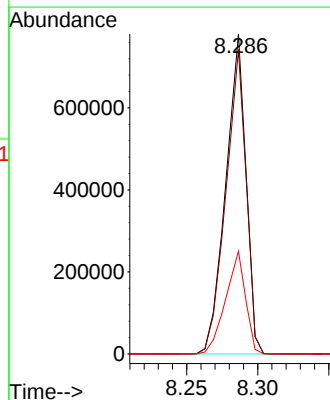
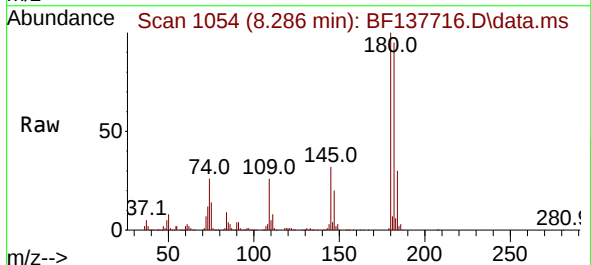
RT: 8.286 min Scan# 1054

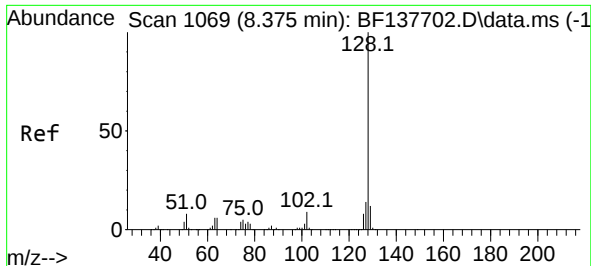
Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Tgt Ion:180 Resp: 773701
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.4 113.2
 145 32.1 26.3 39.5





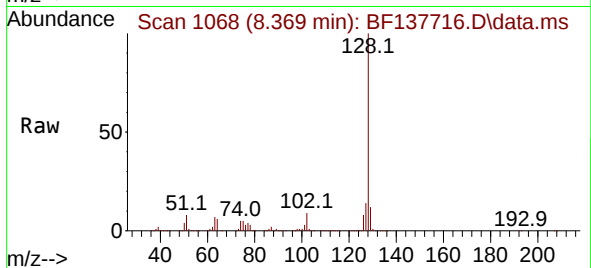
#31
Naphthalene
Concen: 44.693 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



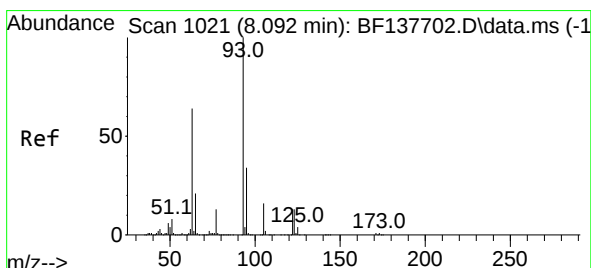
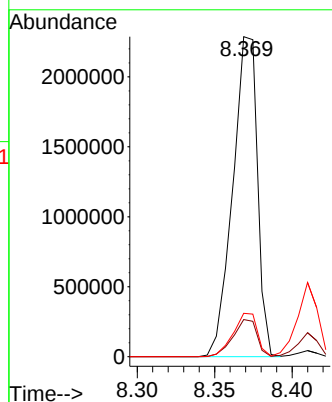
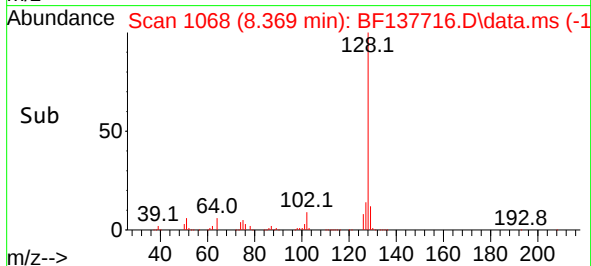
Tgt Ion:128 Resp: 2535280
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 11.0 16.6

Manual Integrations

APPROVED

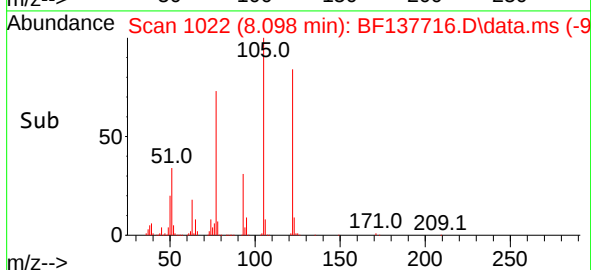
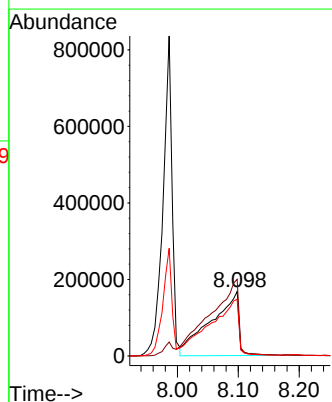
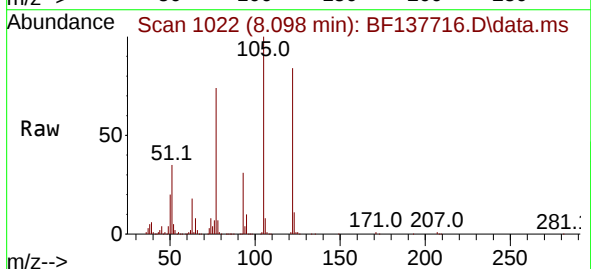
Reviewed By :Yogesh Patel 04/26/2024

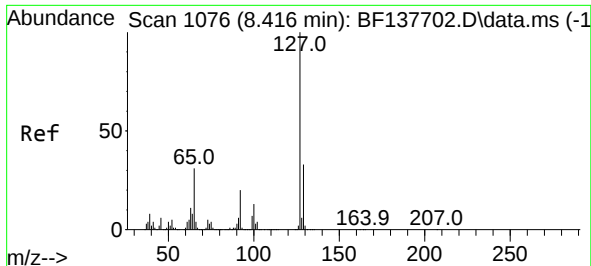
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 44.937 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:122 Resp: 532973
Ion Ratio Lower Upper
122 100
105 119.0 101.1 141.1
77 88.0 75.7 115.7





#33
4-Chloroaniline
Concen: 20.409 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

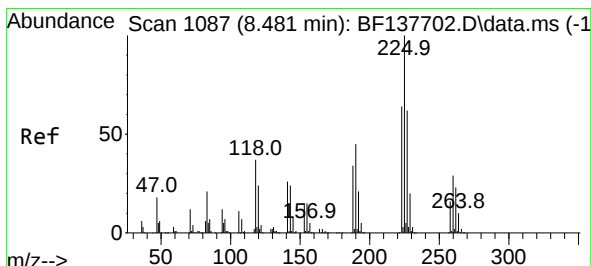
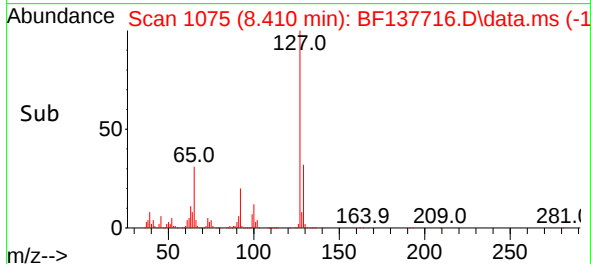
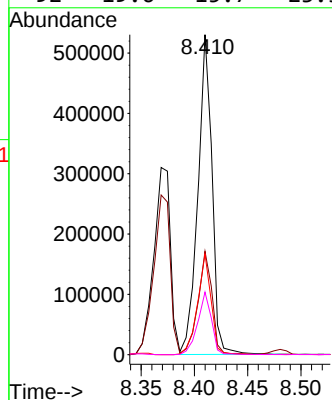
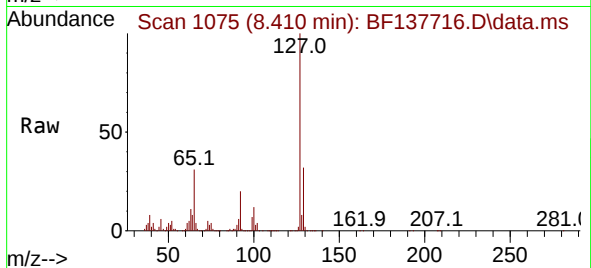
Tgt Ion:127 Resp: 49004
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6
65 31.5 24.6 36.8
92 19.6 15.7 23.5

Manual Integrations

APPROVED

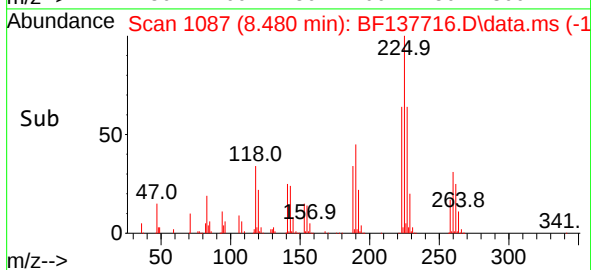
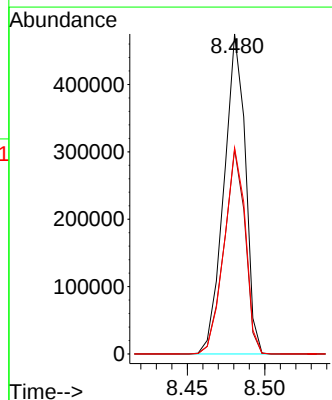
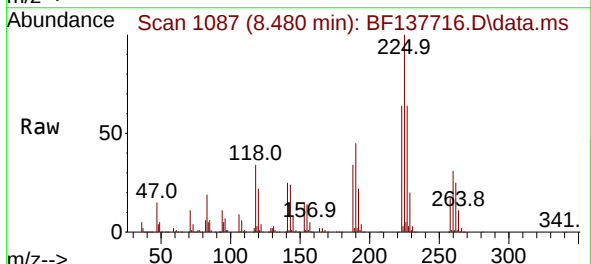
Reviewed By :Yogesh Patel 04/26/2024

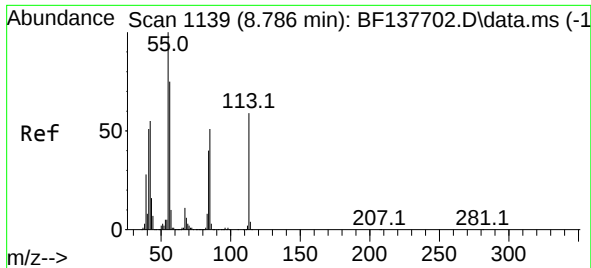
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 45.426 ng
RT: 8.480 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

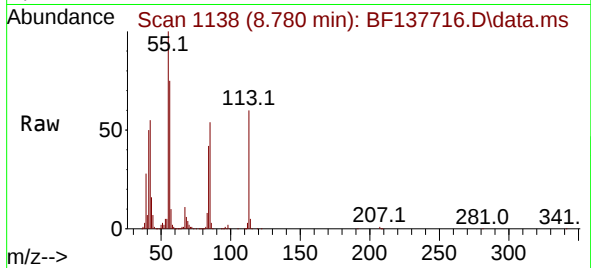
Tgt Ion:225 Resp: 455692
Ion Ratio Lower Upper
225 100
223 63.9 51.4 77.0
227 64.5 49.4 74.2





#35
Caprolactam
Concen: 45.170 ng m
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

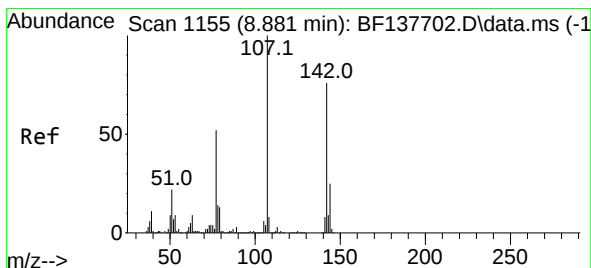
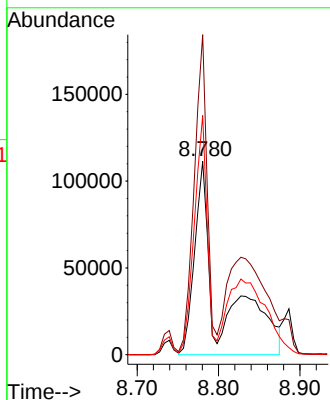
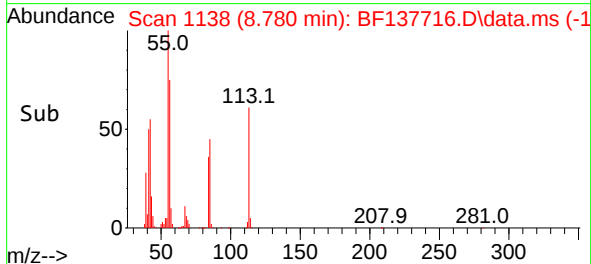
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:113 Resp: 23974
Ion Ratio Lower Upper
113 100
55 165.4 148.7 188.7
56 123.7 107.2 147.2

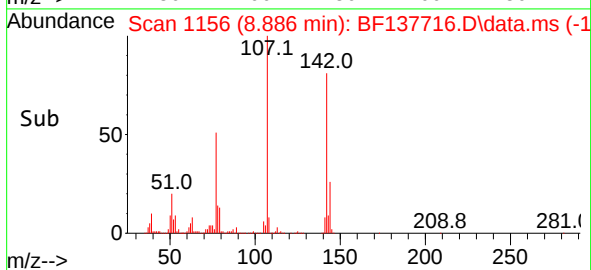
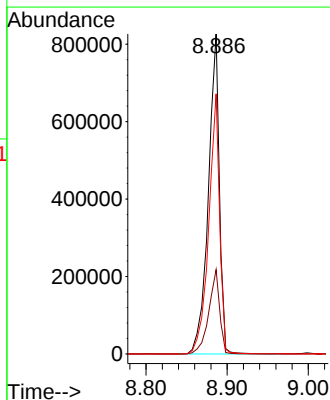
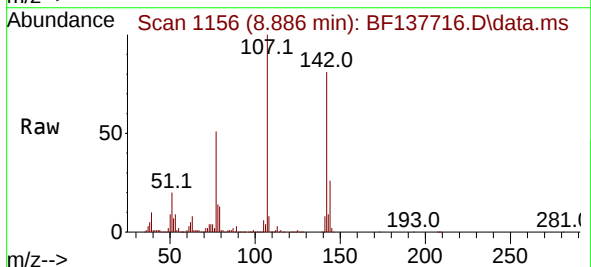
Manual Integrations
APPROVED

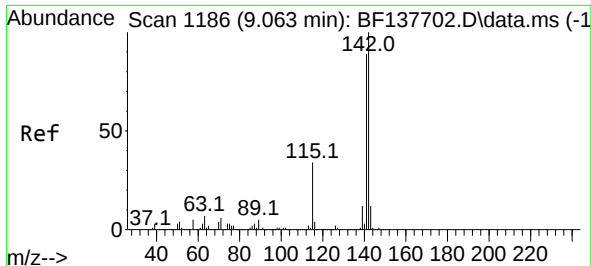
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#36
4-Chloro-3-methylphenol
Concen: 44.753 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:107 Resp: 779230
Ion Ratio Lower Upper
107 100
144 26.4 19.8 29.8
142 81.3 60.5 90.7





#37
2-Methylnaphthalene
Concen: 42.649 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

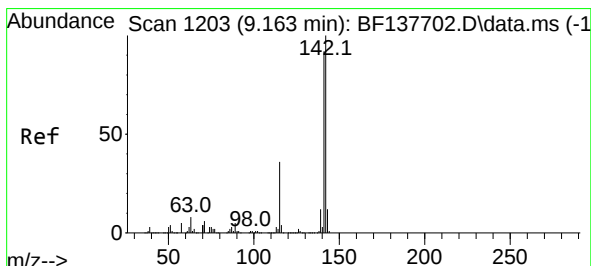
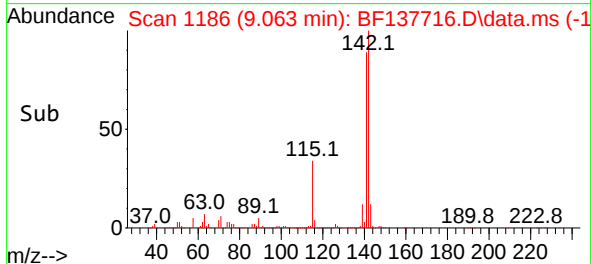
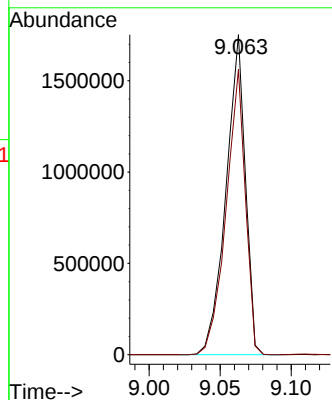
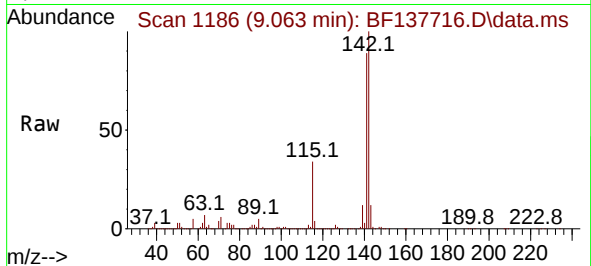
ClientSampleId :

PB160462BSD

Tgt Ion:142 Resp: 1660554
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8

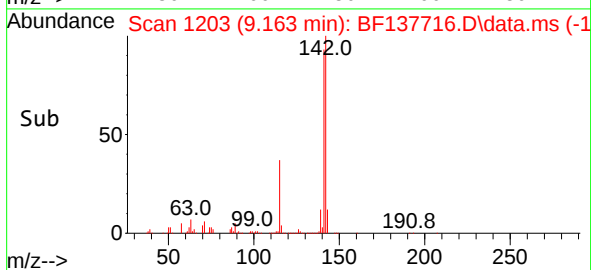
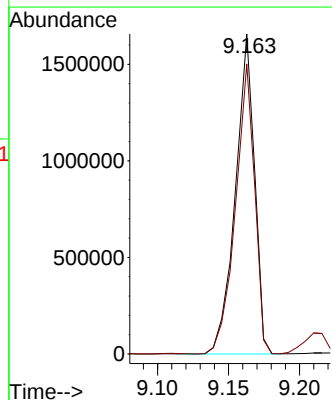
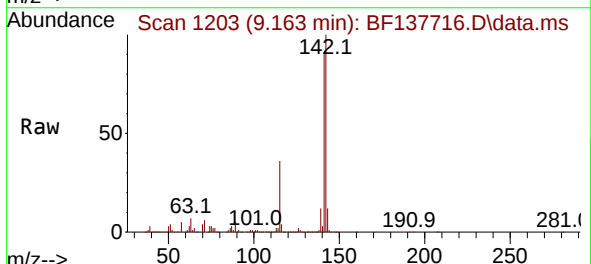
Manual Integrations
APPROVED

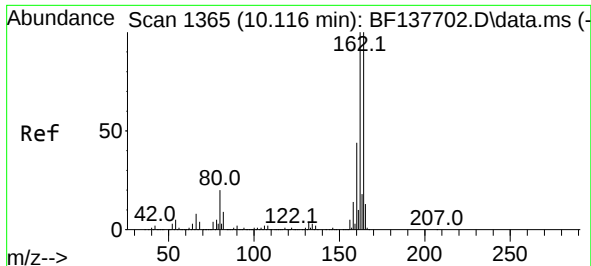
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#38
1-Methylnaphthalene
Concen: 42.703 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

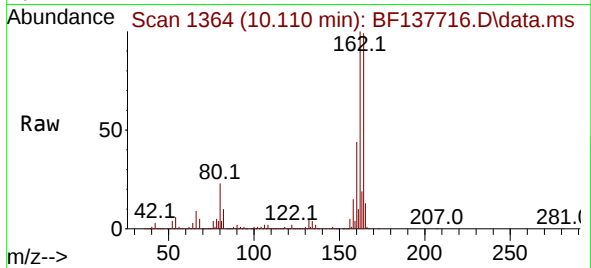
Tgt Ion:142 Resp: 1554508
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

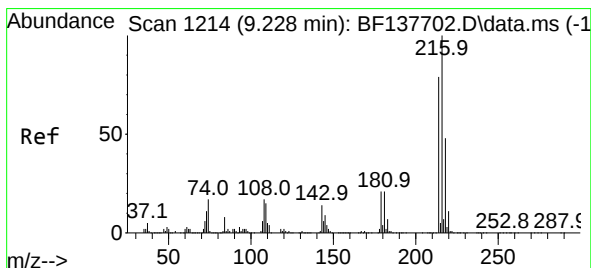
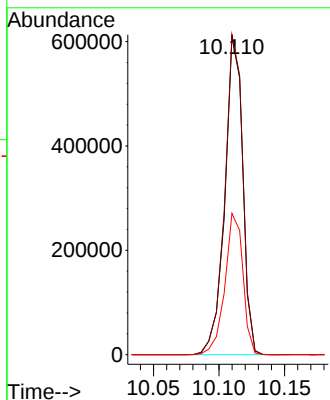
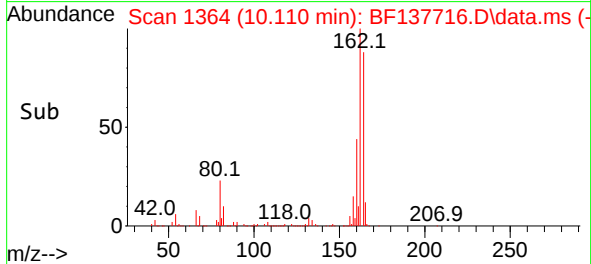
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:164 Resp: 577050
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.5 35.0 52.4

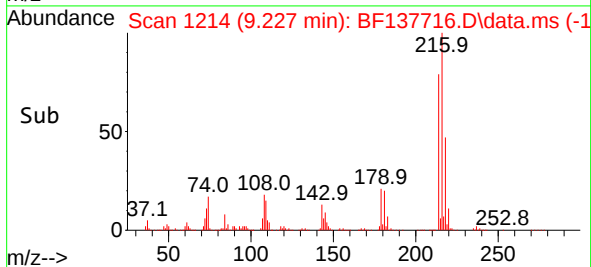
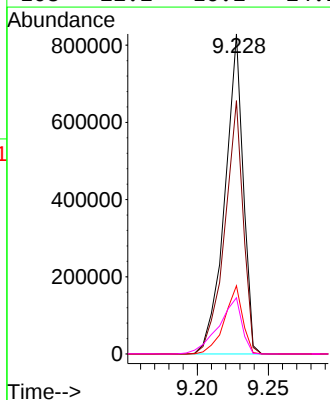
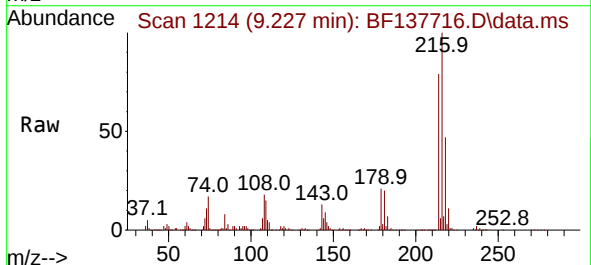
Manual Integrations
APPROVED

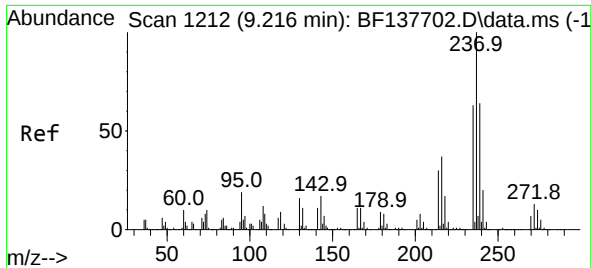
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.030 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

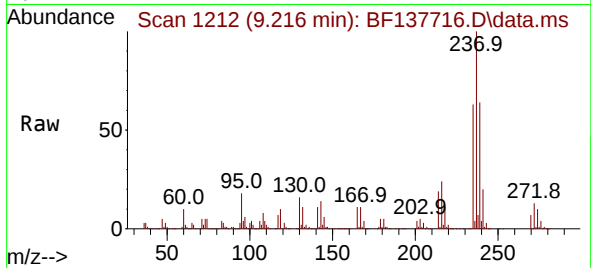
Tgt Ion:216 Resp: 744031
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 21.1 17.1 25.7
108 22.2 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 114.350 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

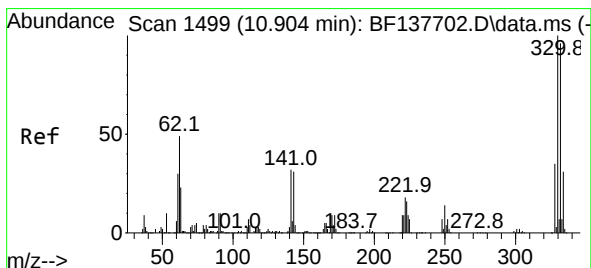
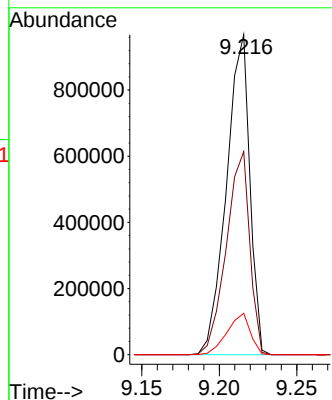
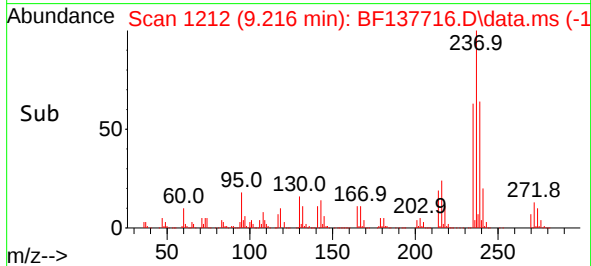
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



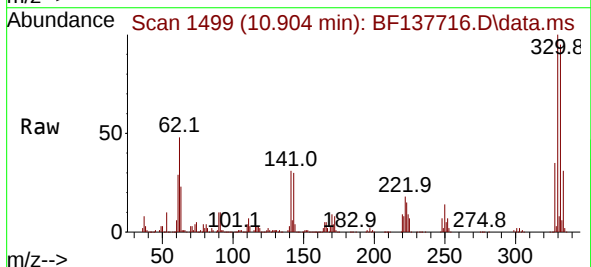
Tgt Ion:237 Resp: 1013620
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.9 0.0 33.1

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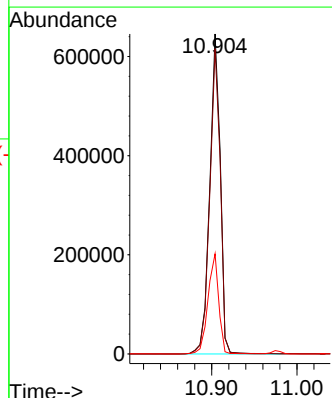
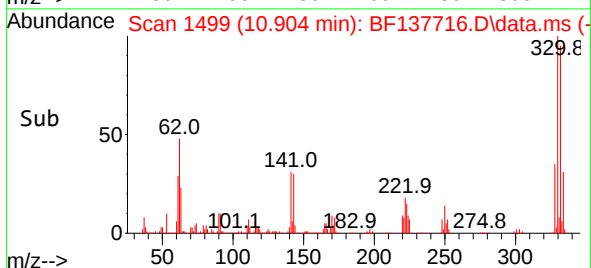
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

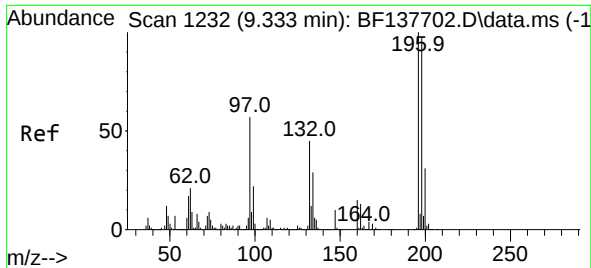


#42
2,4,6-Tribromophenol
Concen: 95.156 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



Tgt Ion:330 Resp: 554085
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 32.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 49.303 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF137716.D

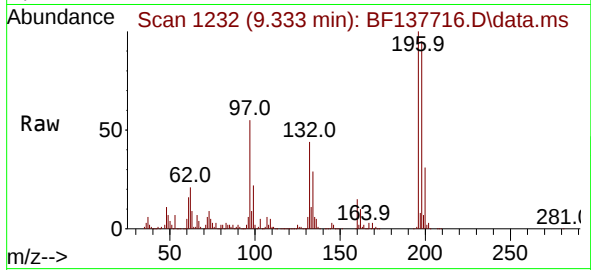
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



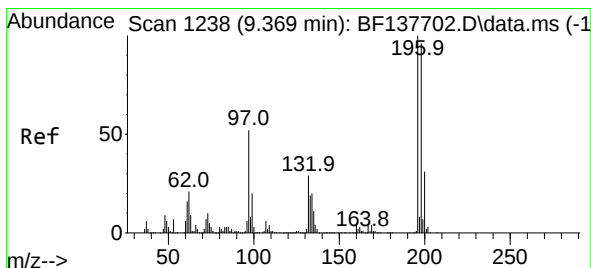
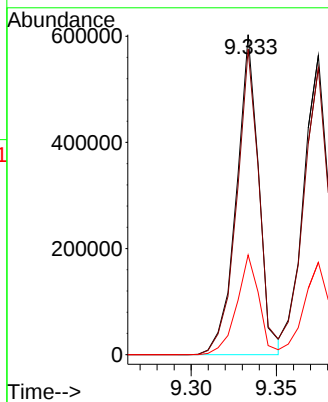
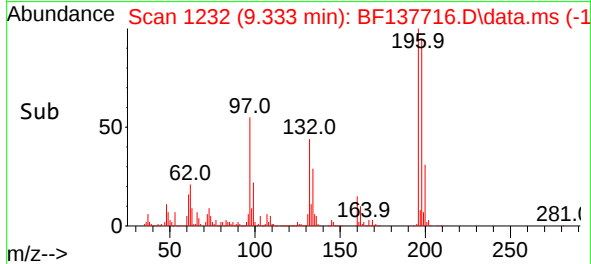
Tgt Ion:196	Resp:	54717	
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.8	116.6
200	31.2	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

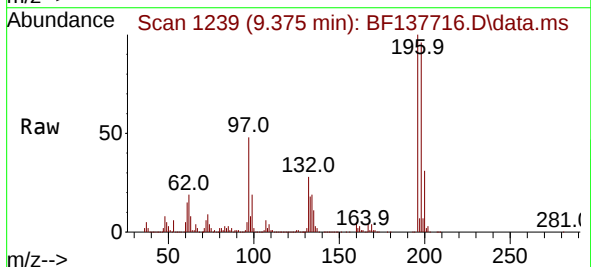
Concen: 44.765 ng

RT: 9.375 min Scan# 1239

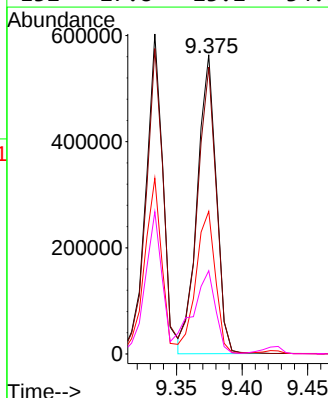
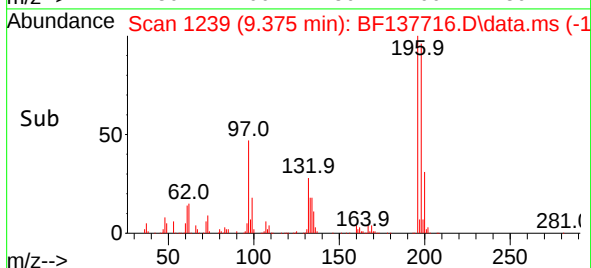
Delta R.T. 0.006 min

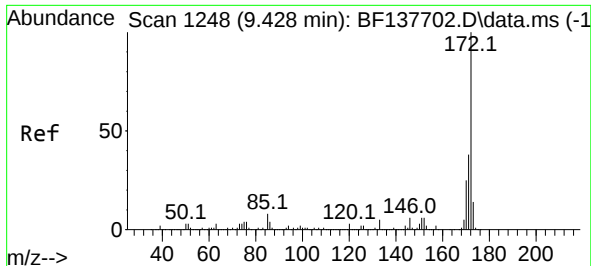
Lab File: BF137716.D

Acq: 24 Apr 2024 13:44



Tgt Ion:196	Resp:	569368	
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.2	115.8
97	47.6	41.8	62.8
132	27.8	23.2	34.8





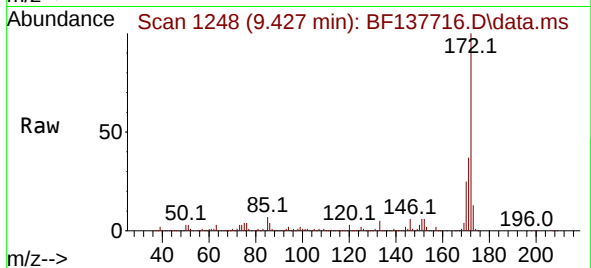
#45
2-Fluorobiphenyl
Concen: 86.584 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



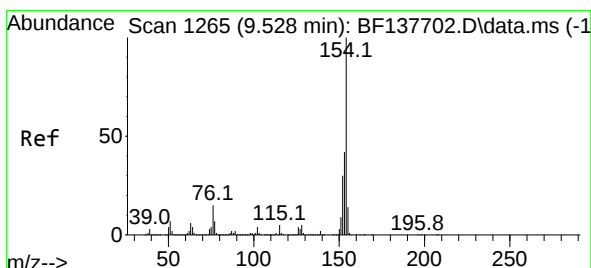
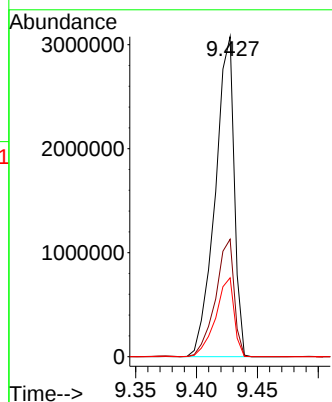
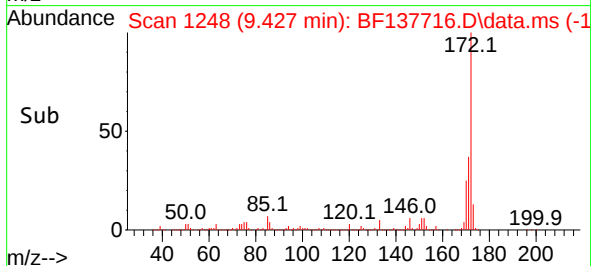
Tgt Ion:172 Resp: 3343840
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 24.7 20.2 30.4

Manual Integrations

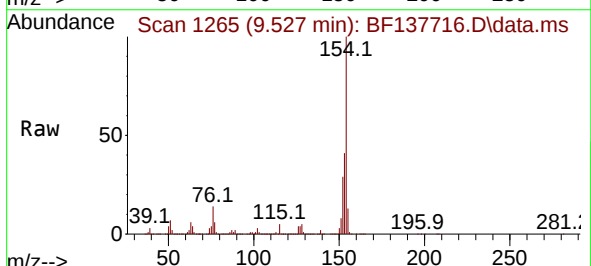
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

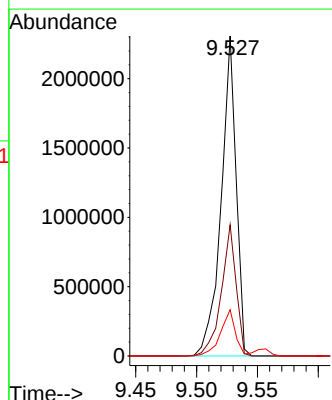
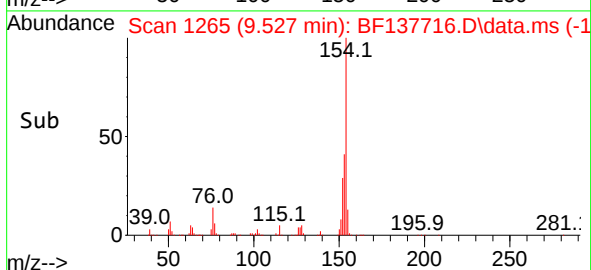
Supervised By :mohammad ahmed 04/27/2024

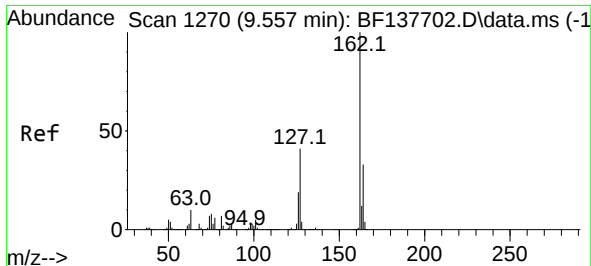


#46
1,1'-Biphenyl
Concen: 47.228 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



Tgt Ion:154 Resp: 1982594
Ion Ratio Lower Upper
154 100
153 41.0 21.9 61.9
76 14.4 0.0 35.3





#47

2-Chloronaphthalene

Concen: 48.476 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137716.D

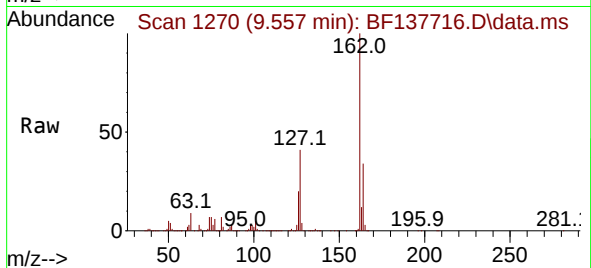
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



Tgt Ion:162 Resp: 1568690

Ion Ratio Lower Upper

162 100

127 41.3 33.1 49.7

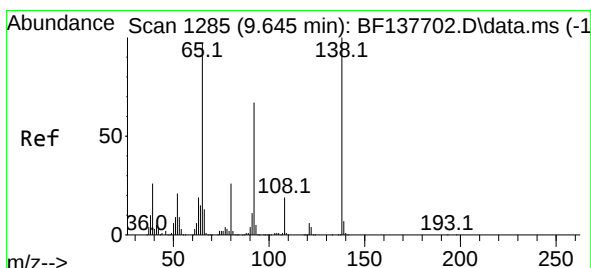
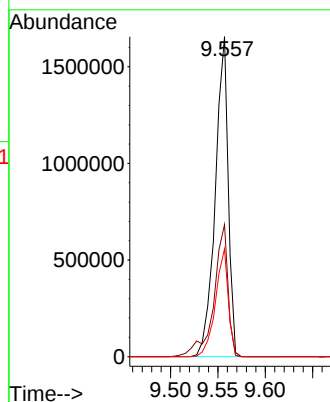
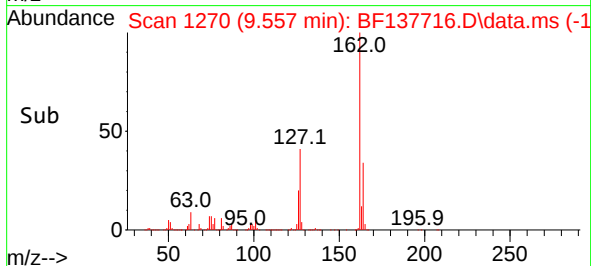
164 33.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#48

2-Nitroaniline

Concen: 49.207 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

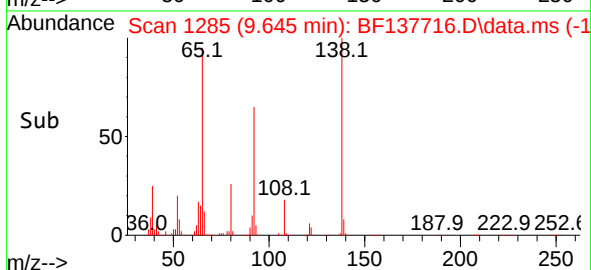
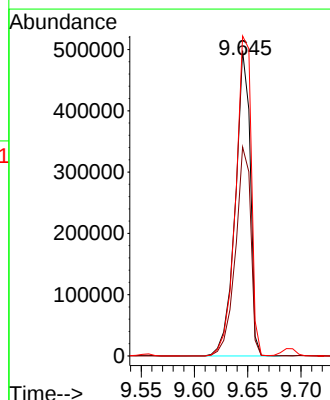
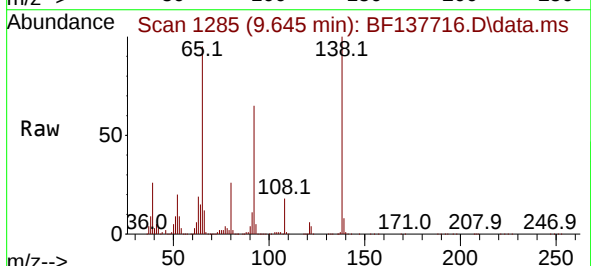
Tgt Ion: 65 Resp: 485229

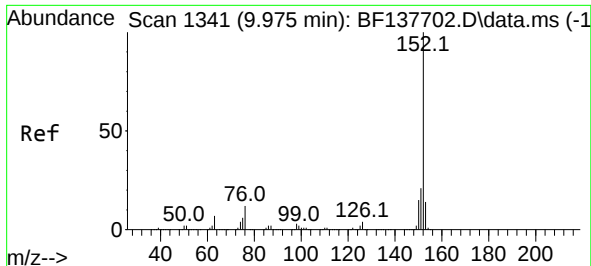
Ion Ratio Lower Upper

65 100

92 68.4 54.9 82.3

138 104.8 82.4 123.6





#49

Acenaphthylene

Concen: 46.983 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF137716.D

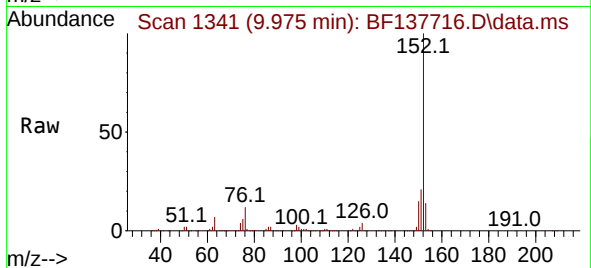
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



Tgt Ion:152 Resp: 237101

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

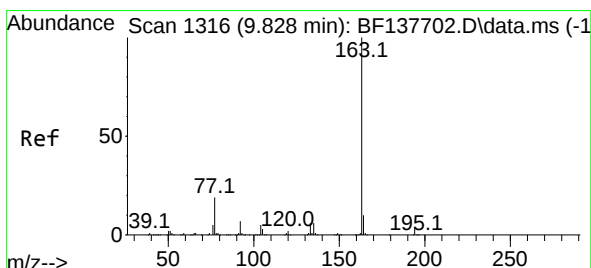
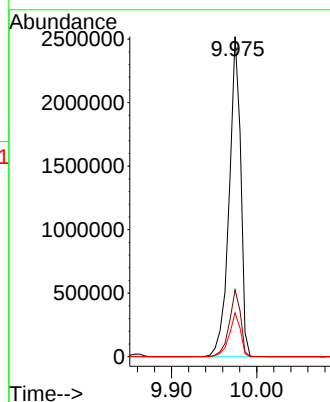
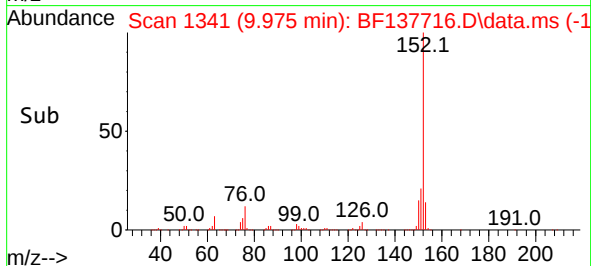
153 13.7 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#50

Dimethylphthalate

Concen: 46.826 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

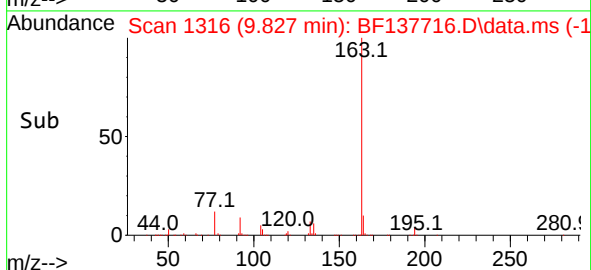
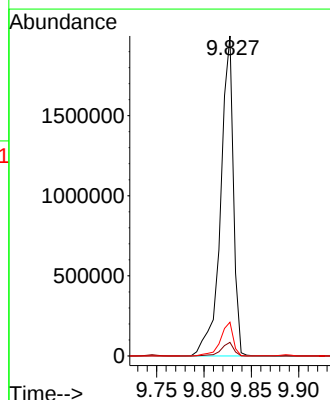
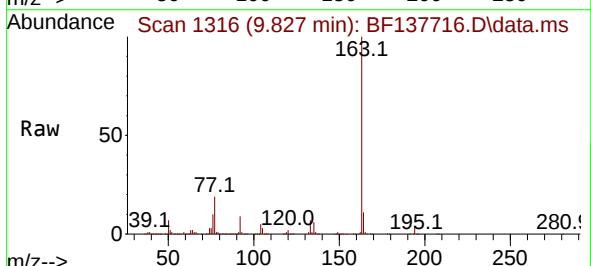
Tgt Ion:163 Resp: 1882652

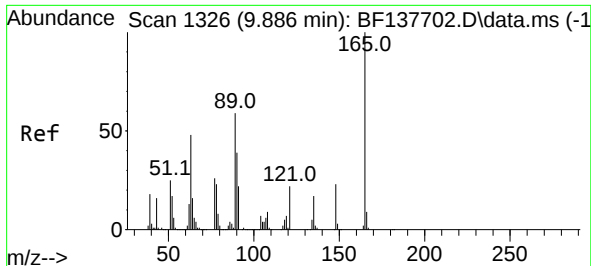
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

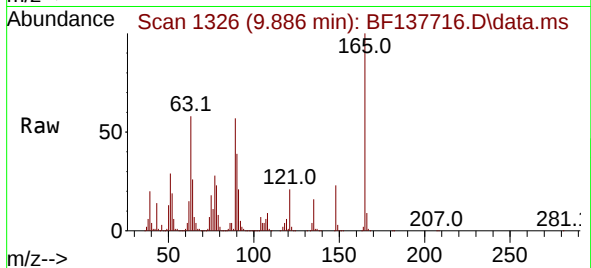
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.415 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

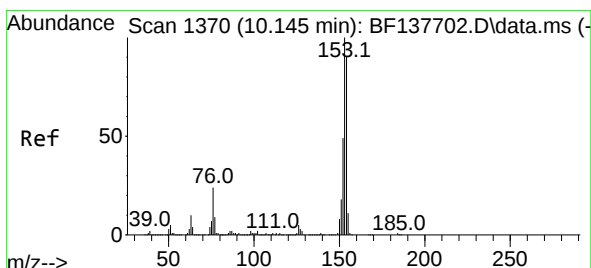
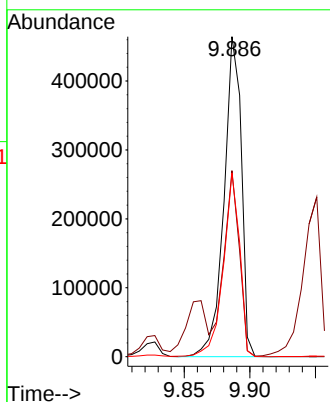
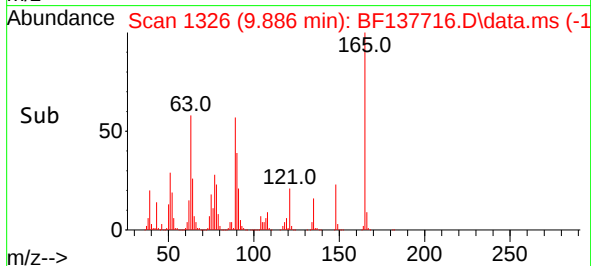
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:165 Resp: 42706
Ion Ratio Lower Upper
165 100
63 58.1 47.7 71.5
89 57.4 47.3 70.9

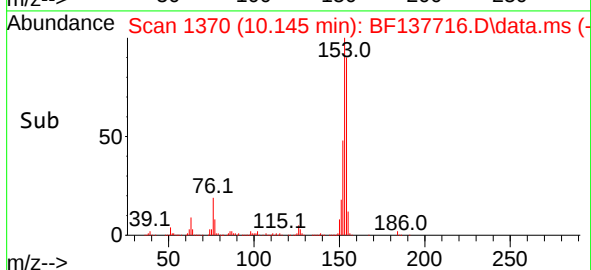
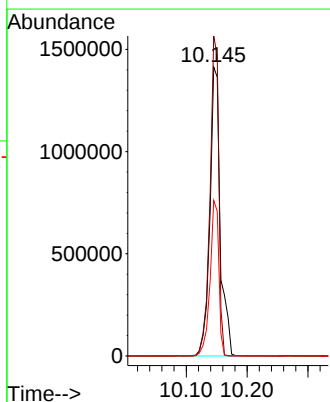
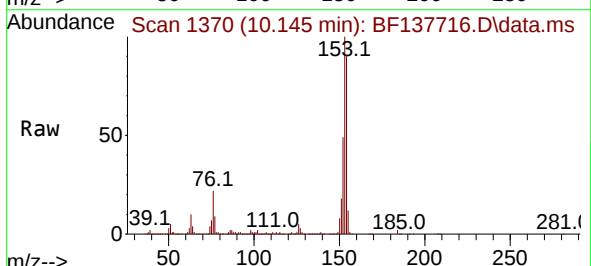
Manual Integrations
APPROVED

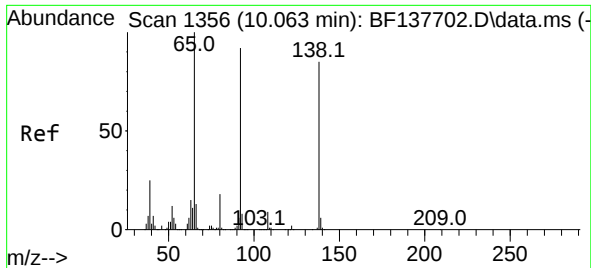
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 51.240 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

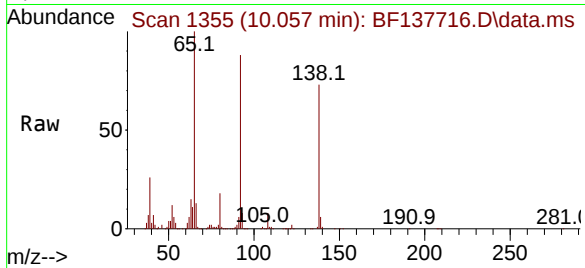
Tgt Ion:154 Resp: 1674348
Ion Ratio Lower Upper
154 100
153 110.8 88.5 132.7
152 53.9 43.3 64.9





#53
3-Nitroaniline
Concen: 31.512 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

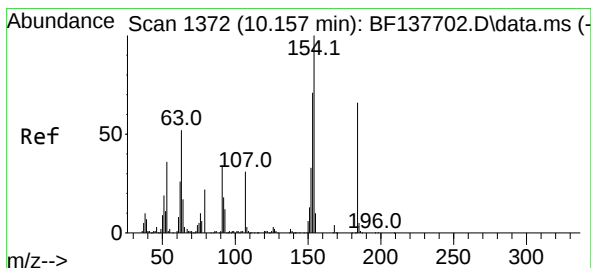
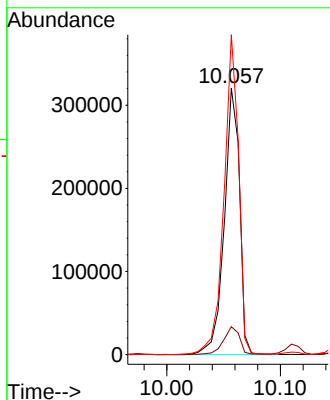
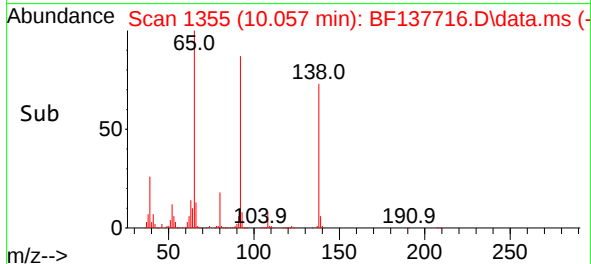
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:138 Resp: 299984
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 120.0 86.9 130.3

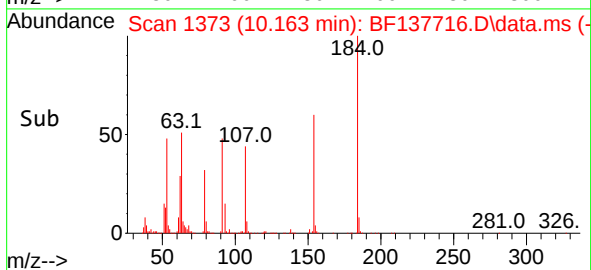
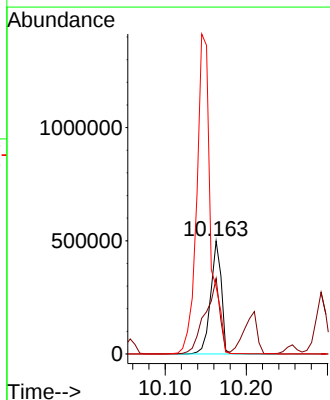
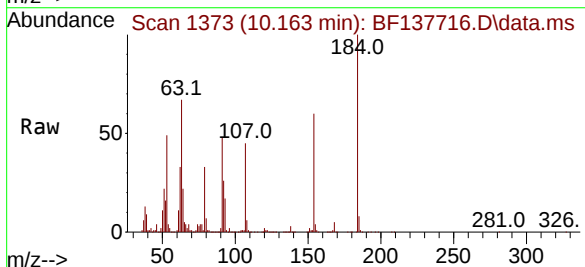
Manual Integrations
APPROVED

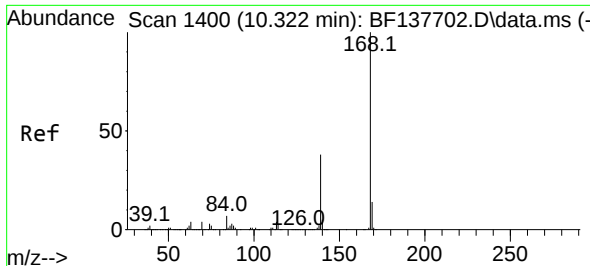
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 99.420 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

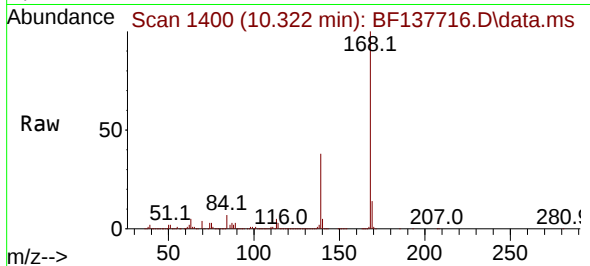
Tgt Ion:184 Resp: 454027
Ion Ratio Lower Upper
184 100
63 66.8 63.5 95.3
154 59.6 123.0 184.6#





#55
Dibenzenofuran
Concen: 46.013 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

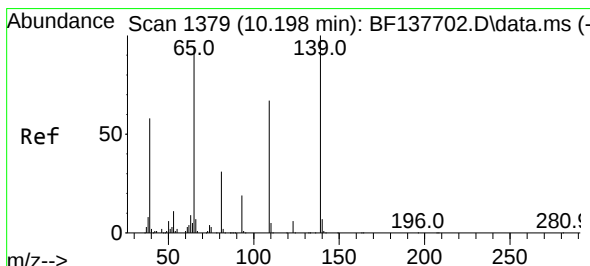
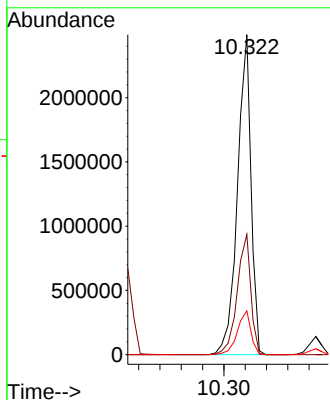
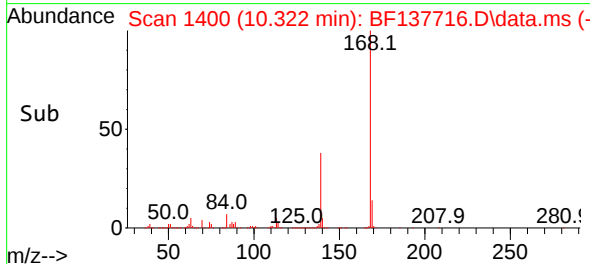
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



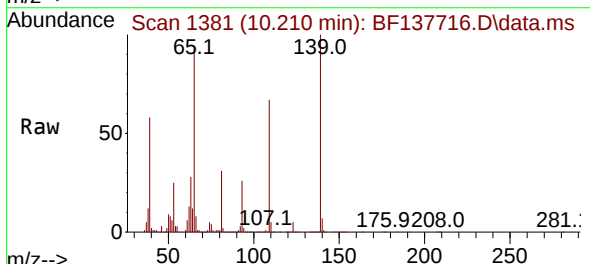
Tgt Ion:168 Resp: 2204020
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.7 10.9 16.3

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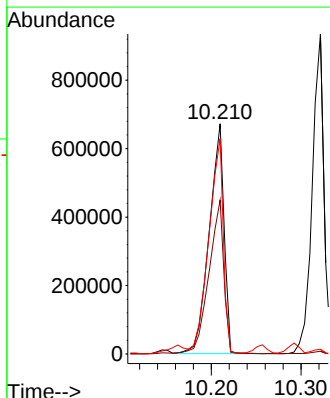
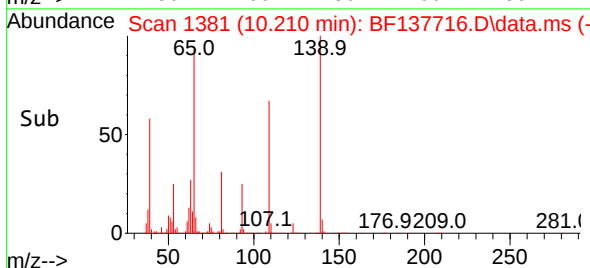
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

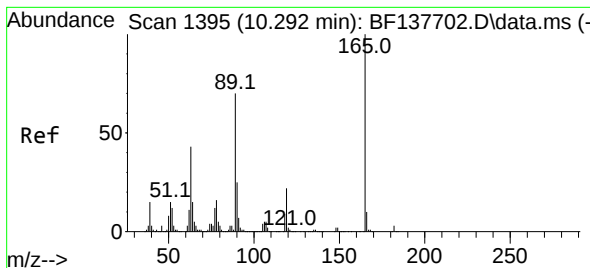


#56
4-Nitrophenol
Concen: 104.341 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



Tgt Ion:139 Resp: 772445
Ion Ratio Lower Upper
139 100
109 66.8 46.9 86.9
65 93.6 75.8 115.8





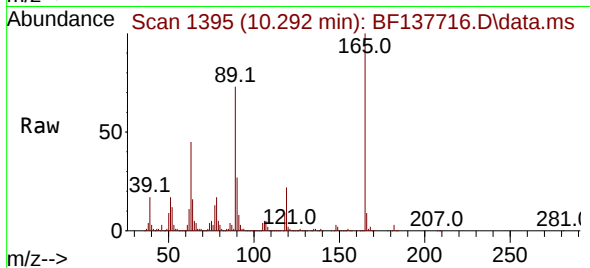
#57
2,4-Dinitrotoluene
Concen: 52.741 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



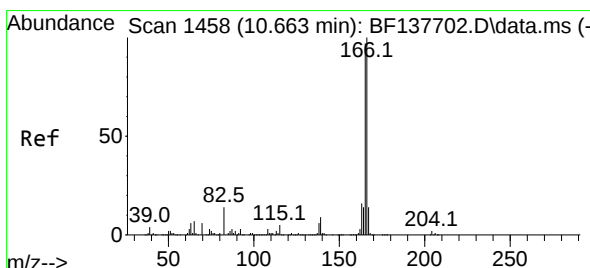
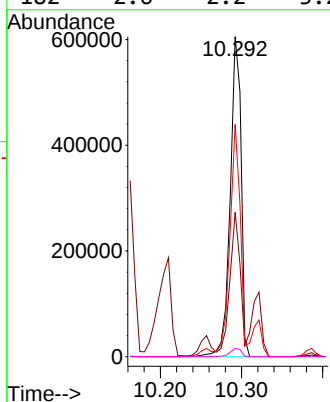
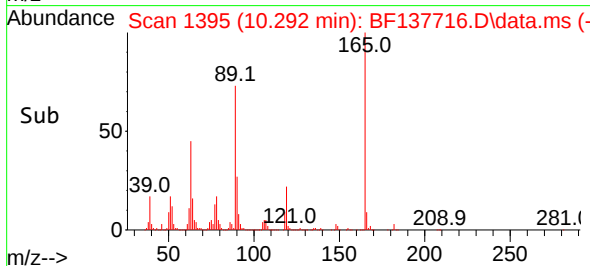
Tgt Ion:165 Resp: 563249
Ion Ratio Lower Upper
165 100
63 45.1 34.1 51.1
89 72.6 56.4 84.6
182 2.6 2.2 3.2

Manual Integrations

APPROVED

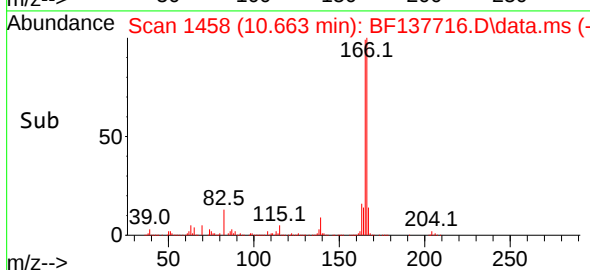
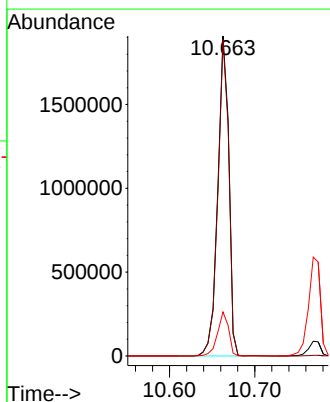
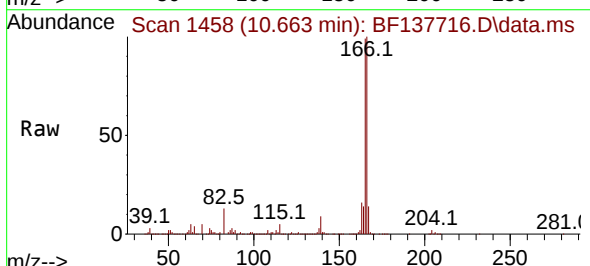
Reviewed By :Yogesh Patel 04/26/2024

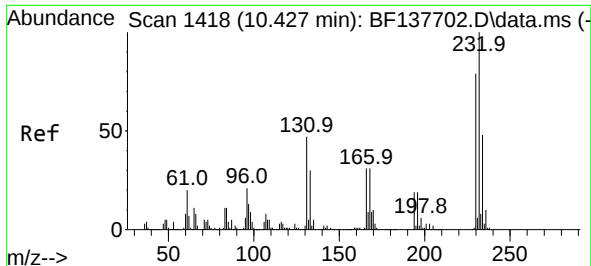
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 46.056 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

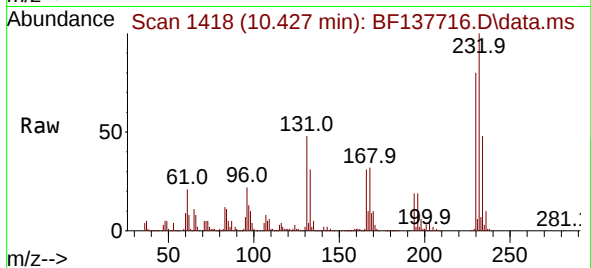
Tgt Ion:166 Resp: 1723732
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.6
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.111 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

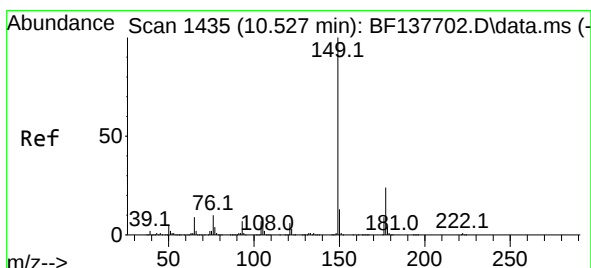
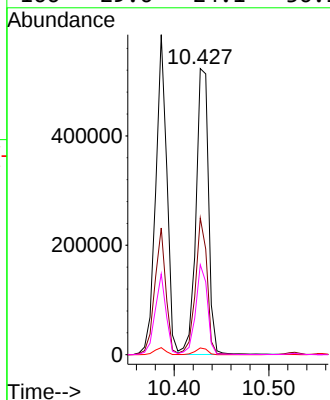
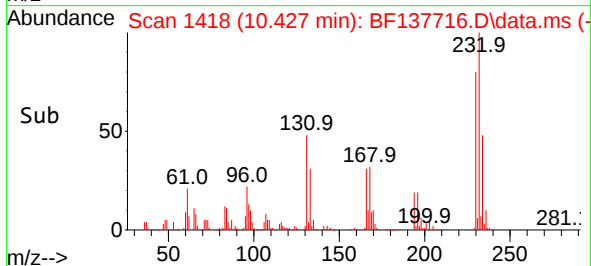
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:232 Resp: 48368
Ion Ratio Lower Upper
232 100
131 44.1 36.4 54.6
130 2.3 1.8 2.6
166 29.6 24.1 36.1

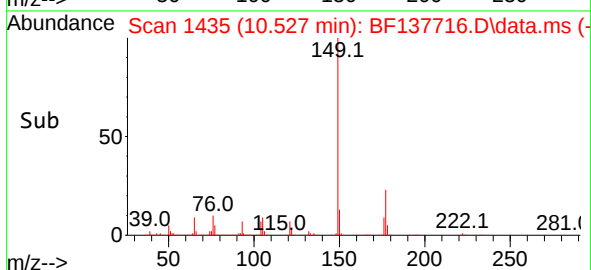
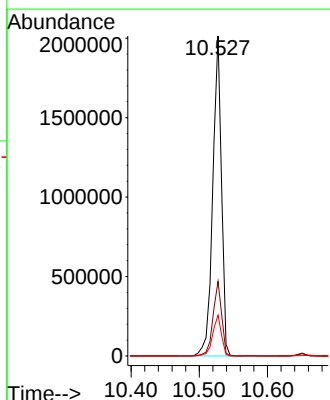
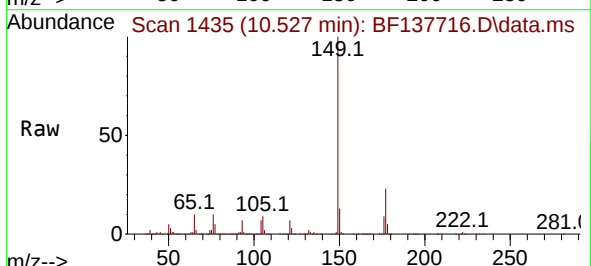
Manual Integrations
APPROVED

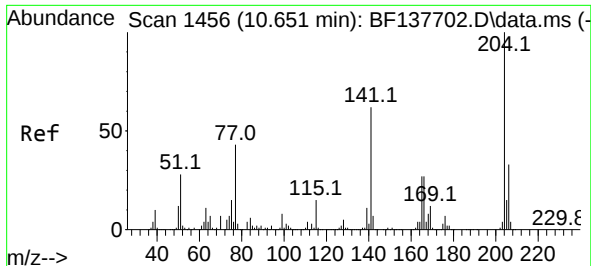
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 46.195 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

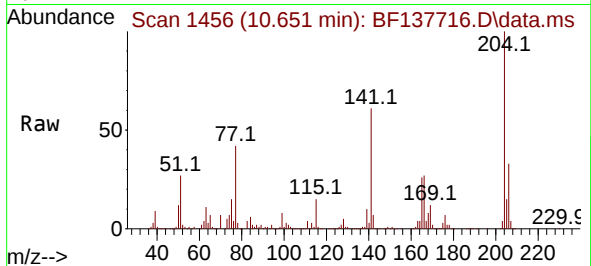
Tgt Ion:149 Resp: 1786361
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.914 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

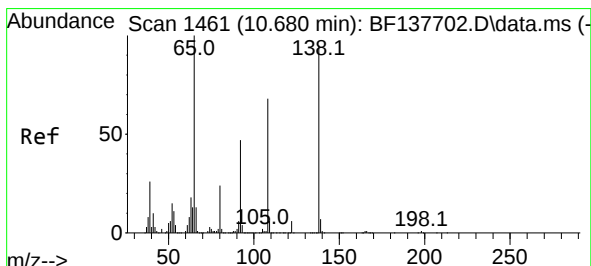
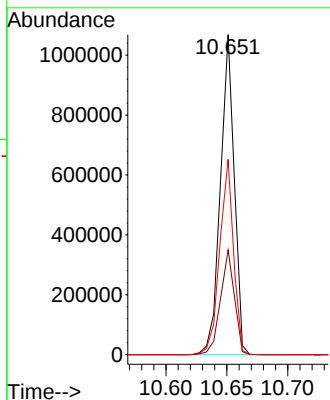
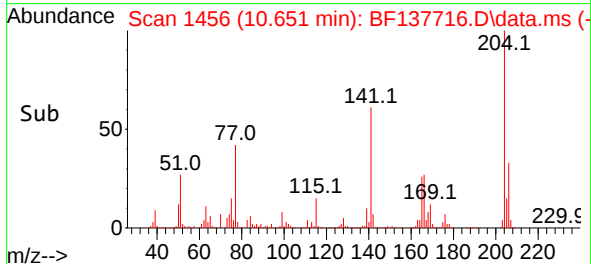
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:204 Resp: 849090
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 61.1 49.4 74.2

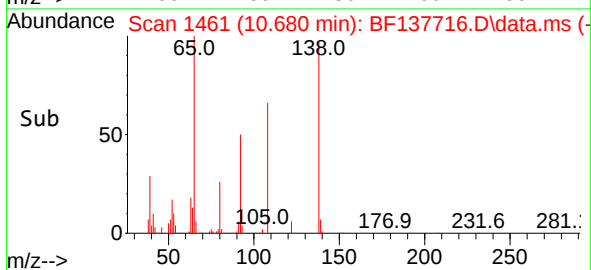
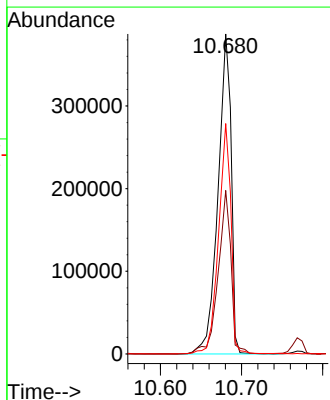
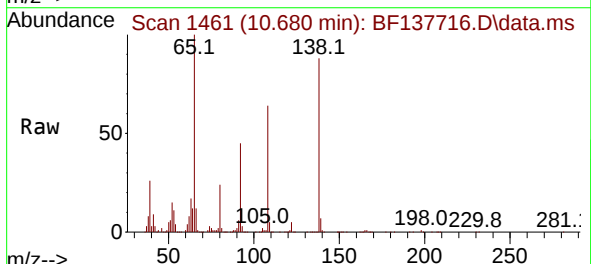
Manual Integrations
APPROVED

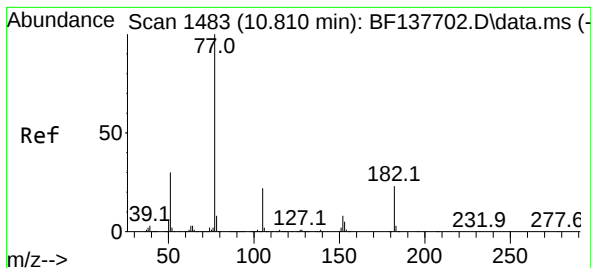
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#62
4-Nitroaniline
Concen: 48.216 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

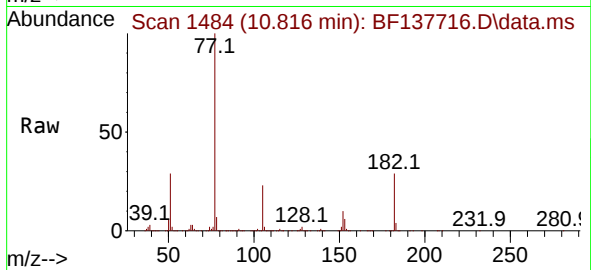
Tgt Ion:138 Resp: 437189
Ion Ratio Lower Upper
138 100
92 51.1 29.8 69.8
108 72.0 51.1 91.1





#63
Azobenzene
Concen: 44.399 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

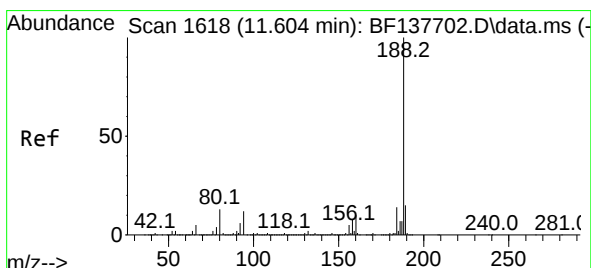
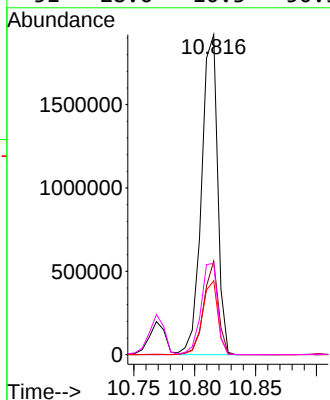
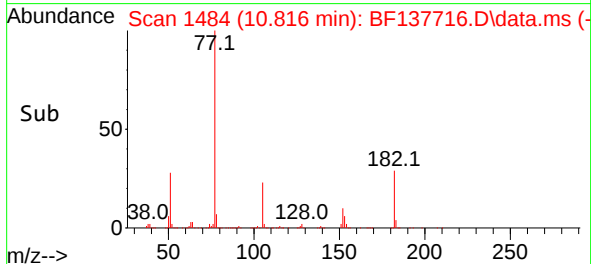
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion: 77 Resp: 1759368
Ion Ratio Lower Upper
77 100
182 29.3 3.1 43.1
105 23.1 1.6 41.6
51 28.6 10.3 50.3

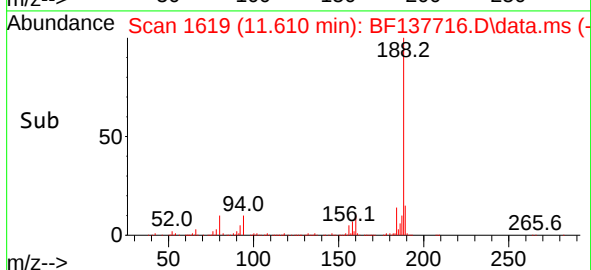
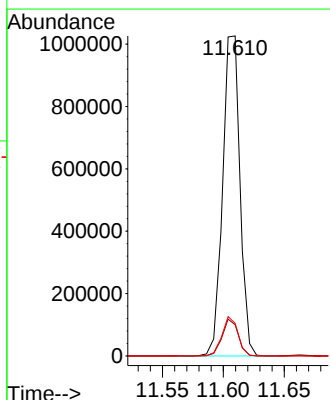
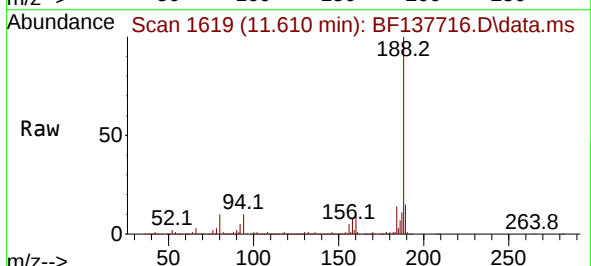
Manual Integrations
APPROVED

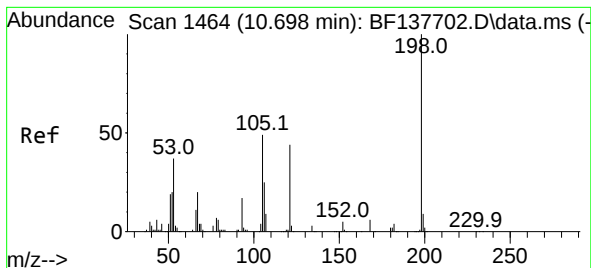
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

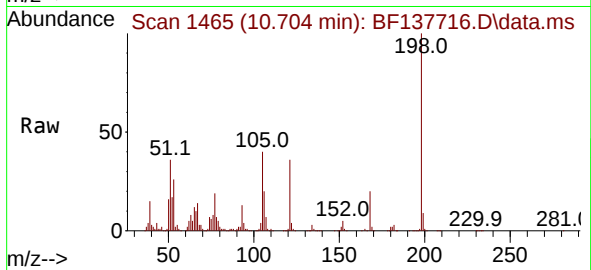
Tgt Ion:188 Resp: 1020489
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.2 10.2 15.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 51.292 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

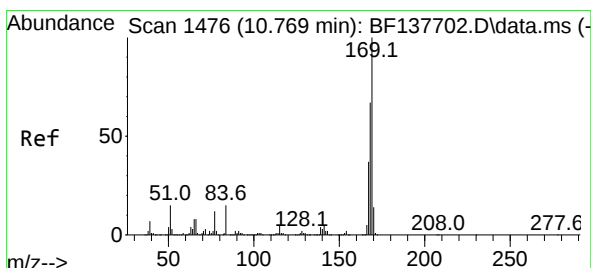
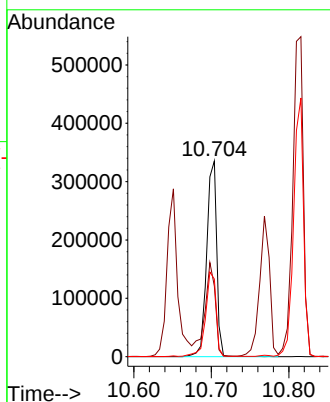
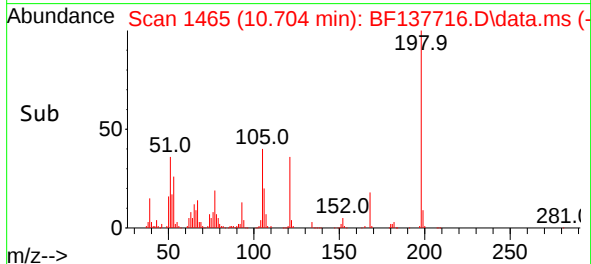
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



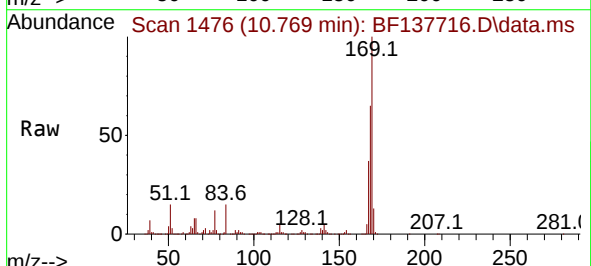
Tgt Ion:198 Resp: 300118
Ion Ratio Lower Upper
198 100
51 36.1 33.5 73.5
105 39.7 29.3 69.3

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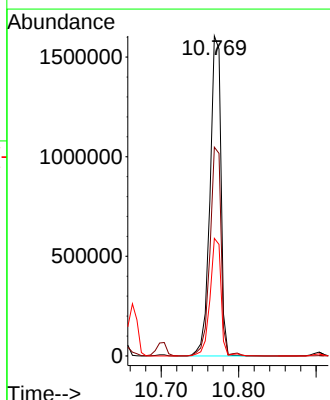
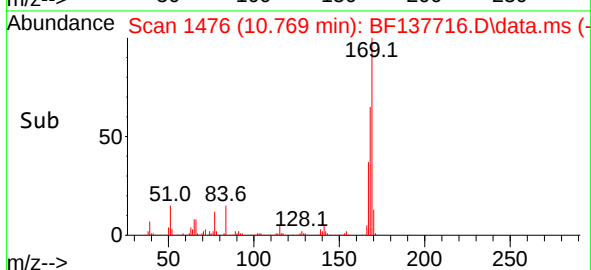
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

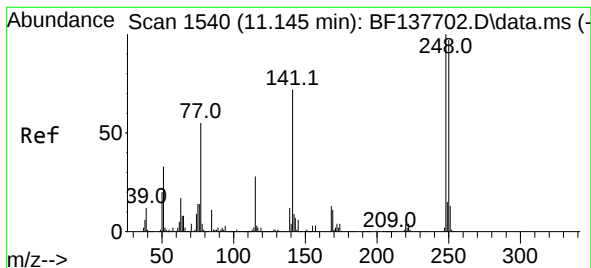


#66
n-Nitrosodiphenylamine
Concen: 45.521 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



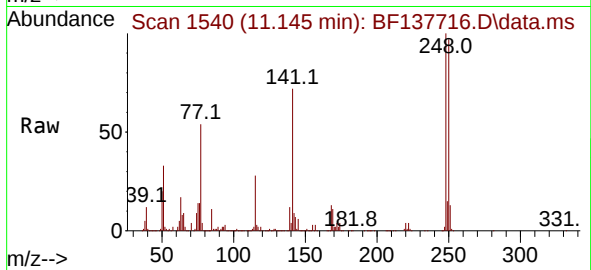
Tgt Ion:169 Resp: 1573351
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.2
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.040 ng
RT: 11.145 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

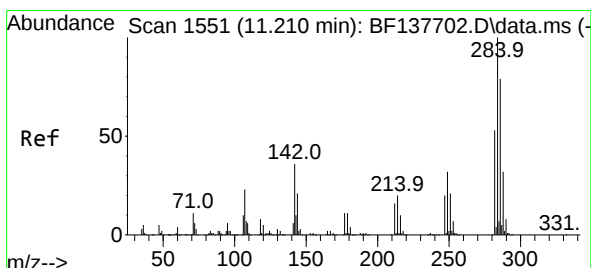
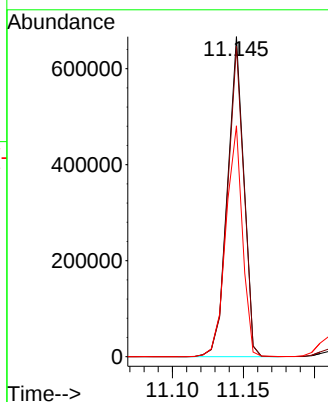
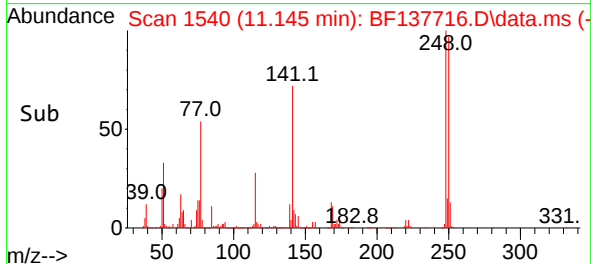
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



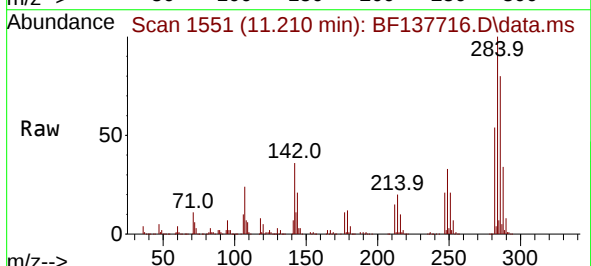
Tgt Ion:248 Resp: 53258
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.0
141 72.1 57.9 86.9

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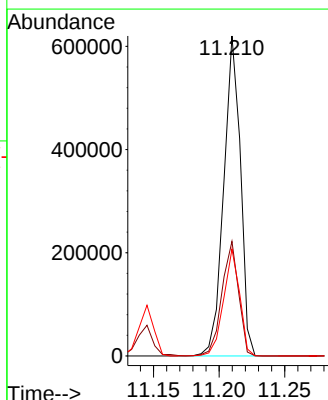
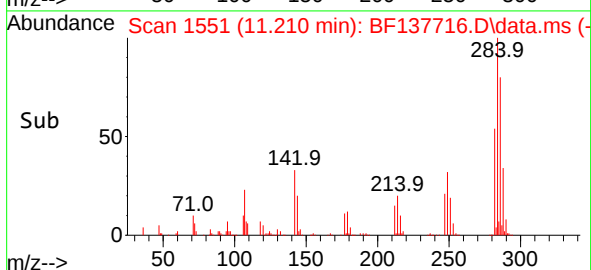
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

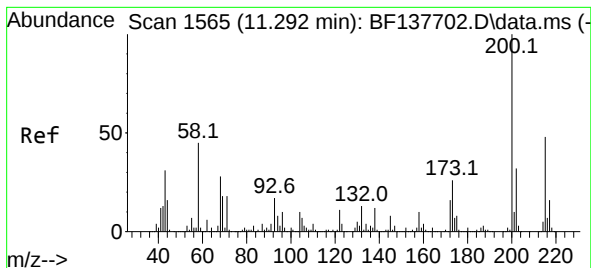


#68
Hexachlorobenzene
Concen: 47.539 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44



Tgt Ion:284 Resp: 547649
Ion Ratio Lower Upper
284 100
142 35.8 28.5 42.7
249 33.4 25.6 38.4





#69

Atrazine

Concen: 55.679 ng

RT: 11.292 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

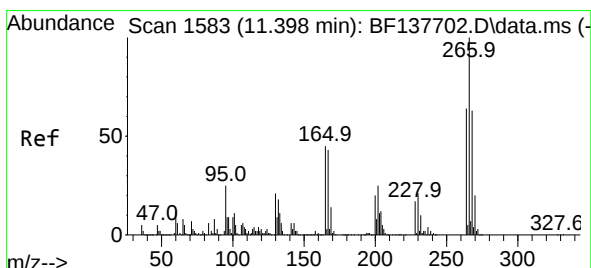
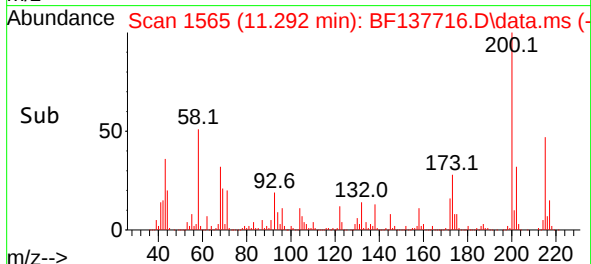
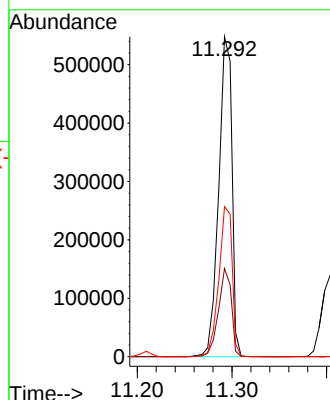
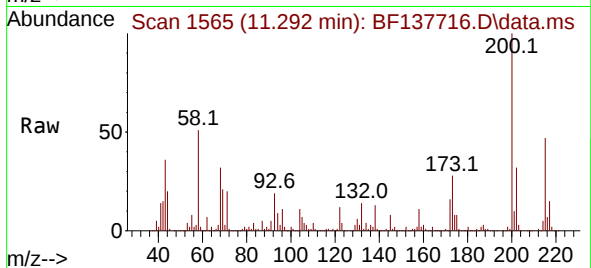
PB160462BSD

Tgt Ion:200 Resp: 53197
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.3 46.3
 215 46.9 28.0 68.0

Manual Integrations

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



#70

Pentachlorophenol

Concen: 81.352 ng

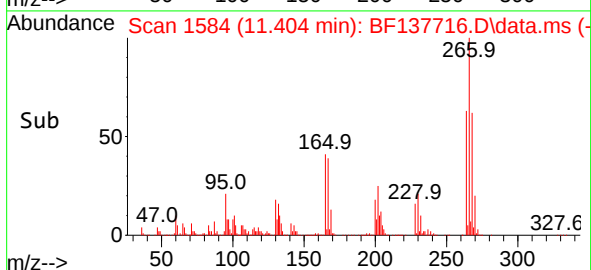
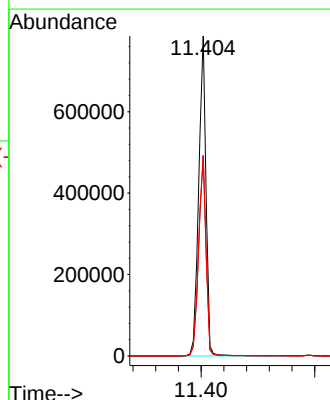
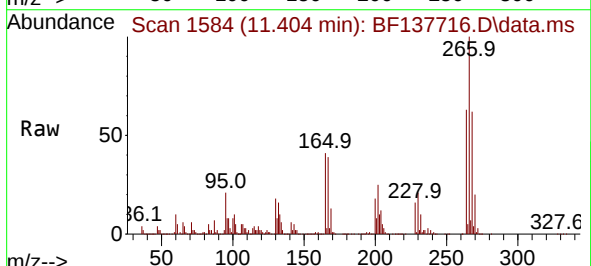
RT: 11.404 min Scan# 1584

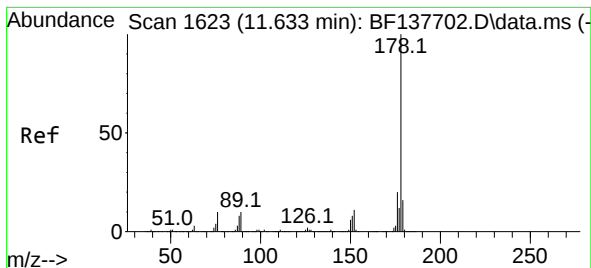
Delta R.T. 0.006 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Tgt Ion:266 Resp: 704975
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.4 75.6
 264 62.7 51.4 77.0





#71

Phenanthrene

Concen: 45.420 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion:178 Resp: 2453574

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

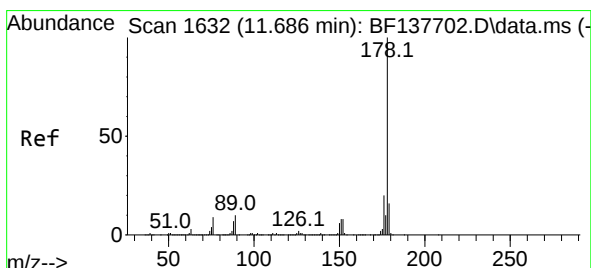
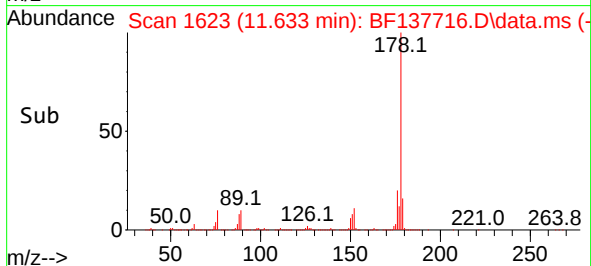
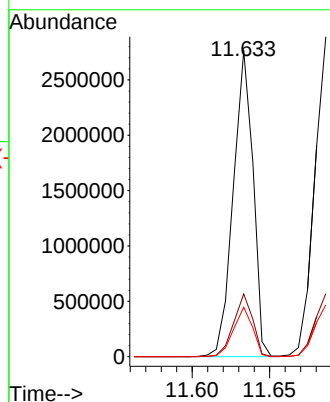
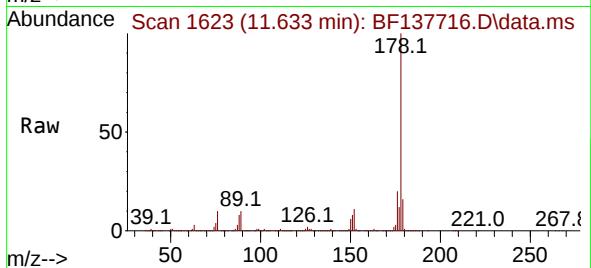
179 16.1 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#72

Anthracene

Concen: 44.780 ng

RT: 11.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

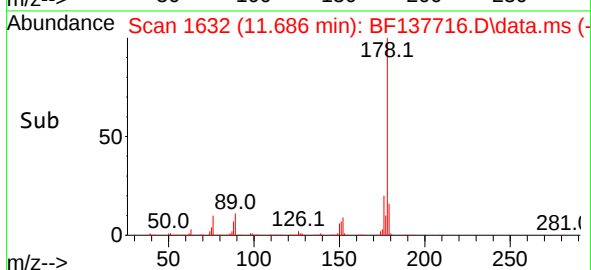
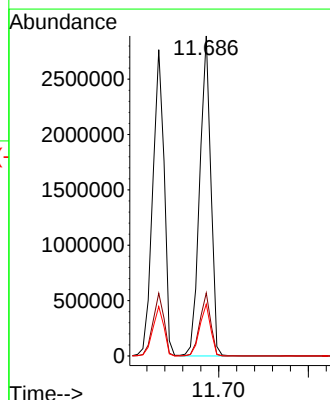
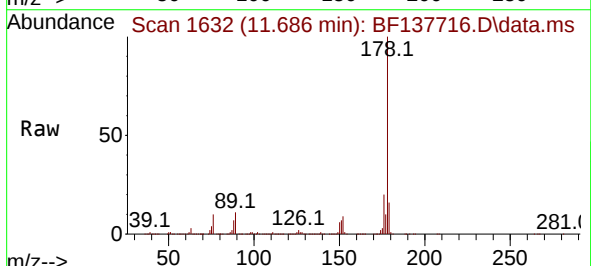
Tgt Ion:178 Resp: 2477033

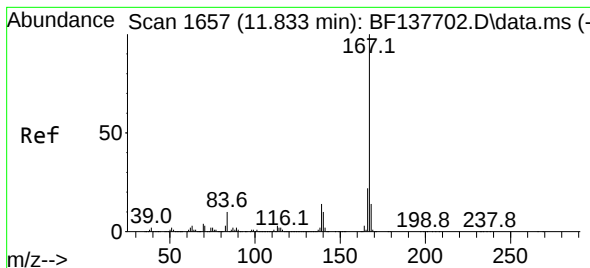
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

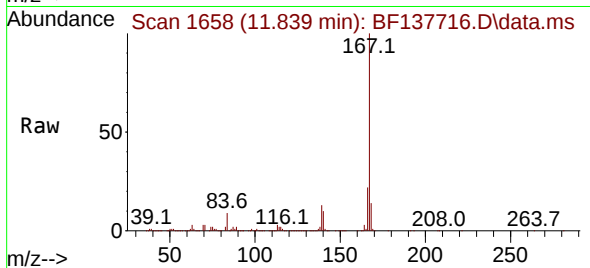
179 16.2 13.0 19.6





#73
 Carbazole
 Concen: 46.227 ng
 RT: 11.839 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137716.D
 Acq: 24 Apr 2024 13:44

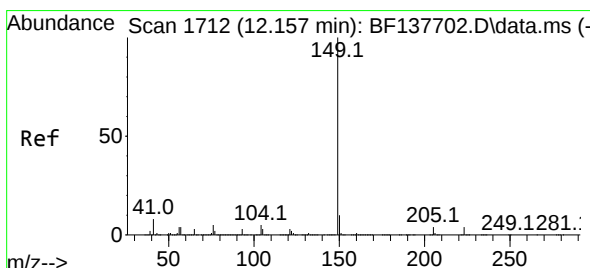
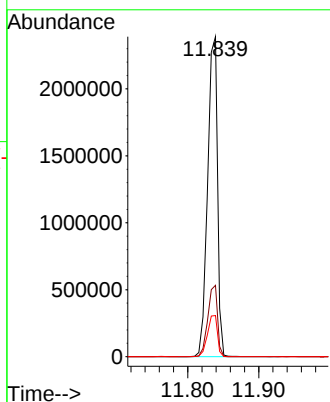
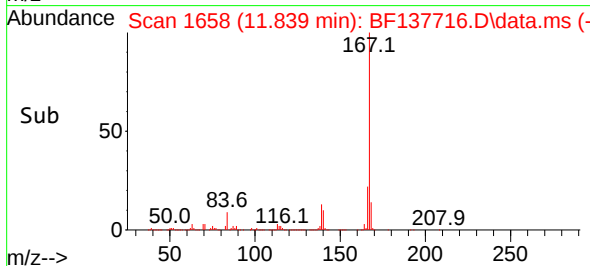
Instrument :
 BNA_F
 ClientSampleId :
 PB160462BSD



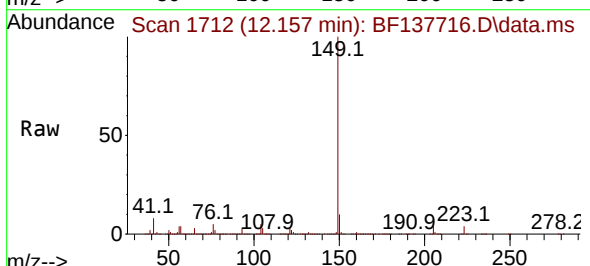
Tgt Ion:167 Resp: 231742
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 12.9 10.9 16.3

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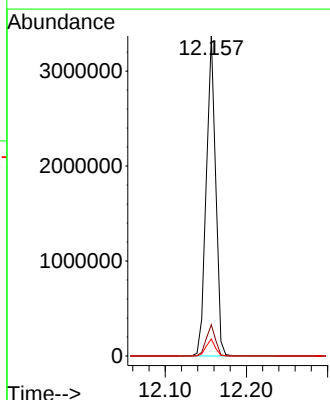
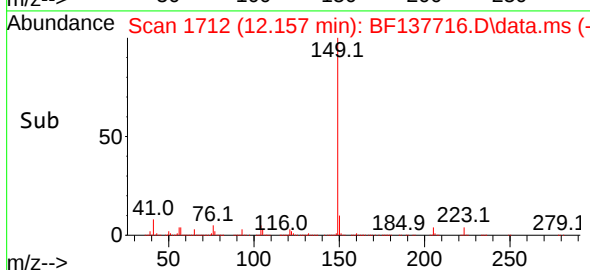
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

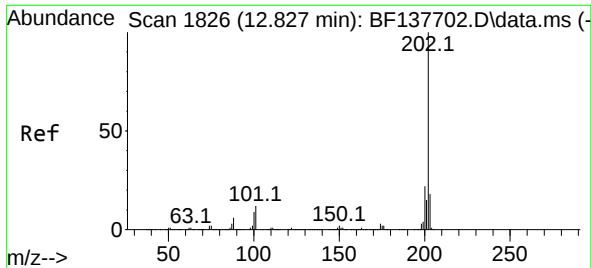


#74
 Di-n-butylphthalate
 Concen: 44.098 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BF137716.D
 Acq: 24 Apr 2024 13:44



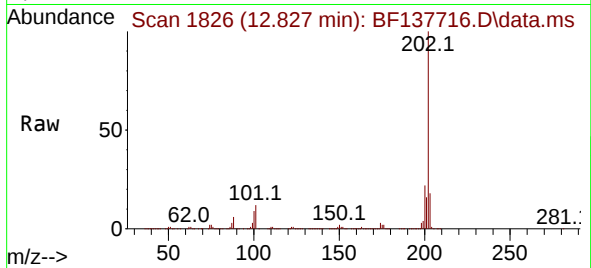
Tgt Ion:149 Resp: 2694839
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 44.850 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

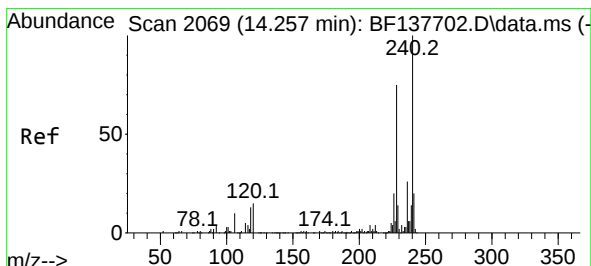
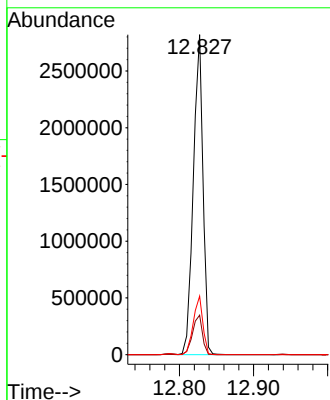
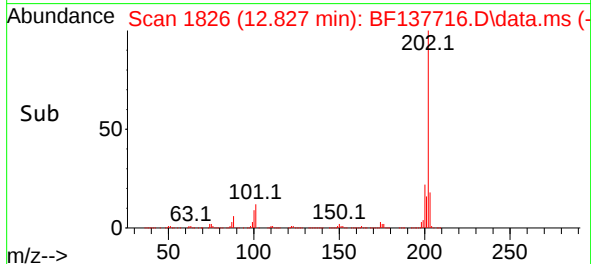
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:202 Resp: 2546614
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 18.3 0.0 38.1

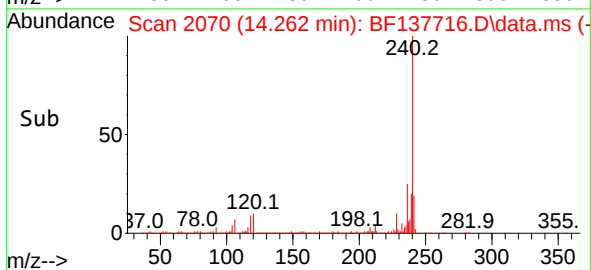
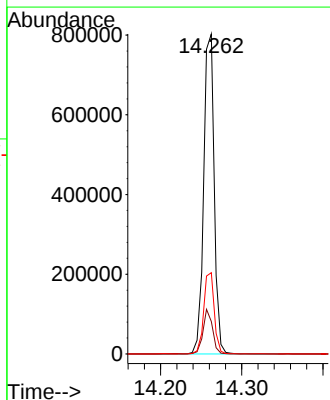
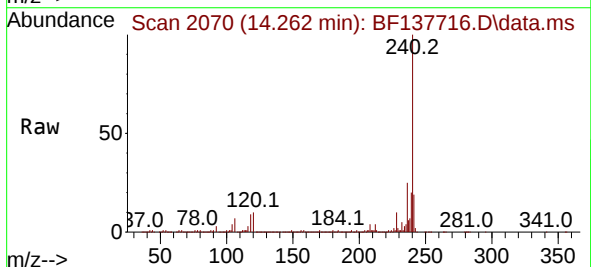
Manual Integrations
APPROVED

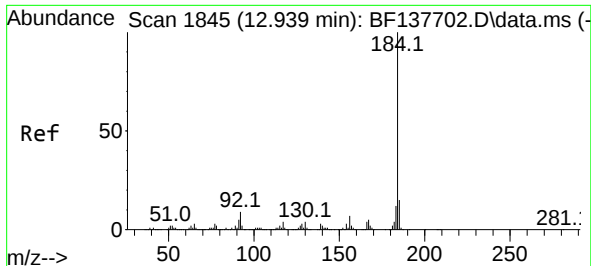
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.262 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

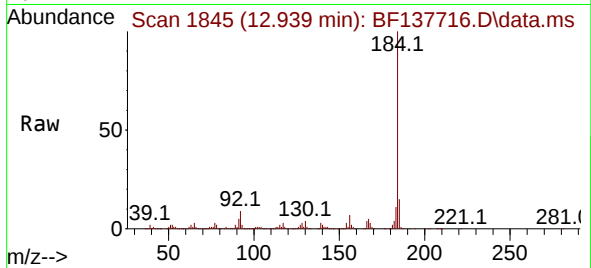
Tgt Ion:240 Resp: 721195
Ion Ratio Lower Upper
240 100
120 10.1 11.9 17.9#
236 25.4 20.8 31.2





#77
Benzidine
Concen: 36.446 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

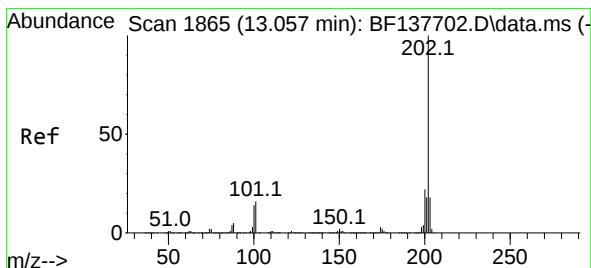
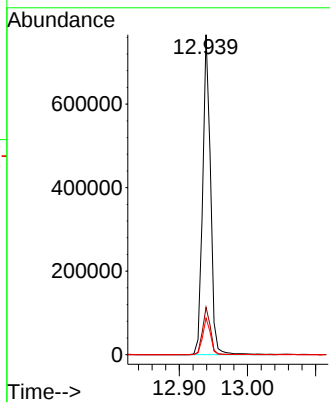
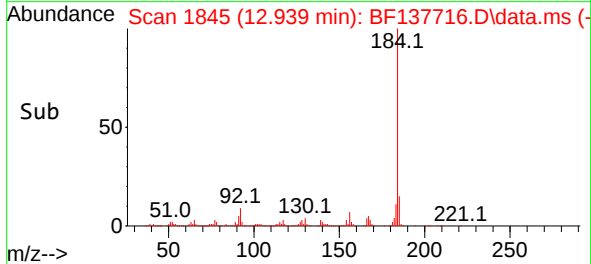
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:184 Resp: 613918
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 11.5 9.4 14.0

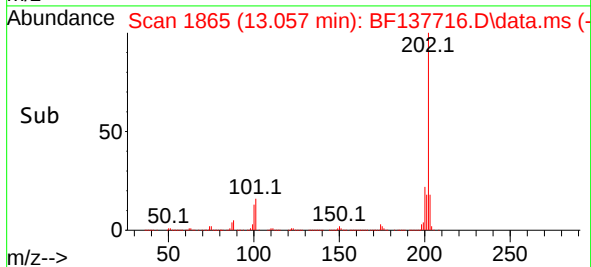
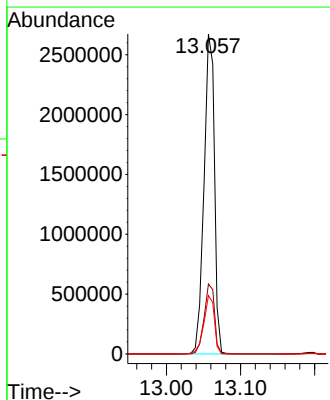
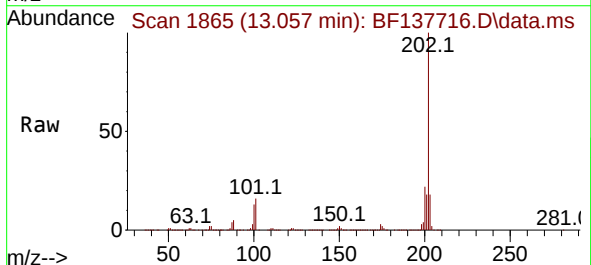
Manual Integrations
APPROVED

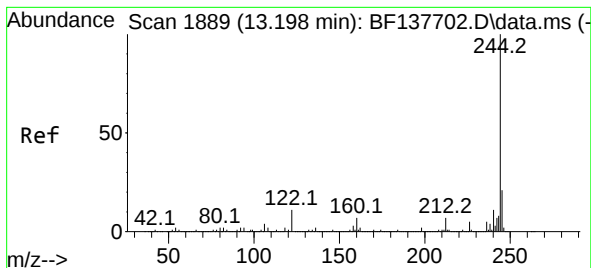
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#78
Pyrene
Concen: 44.281 ng
RT: 13.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:202 Resp: 2621231
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 84.273 ng

RT: 13.198 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BF137716.D

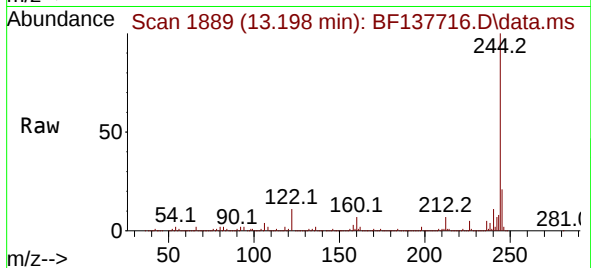
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



Tgt Ion:244 Resp: 377602

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

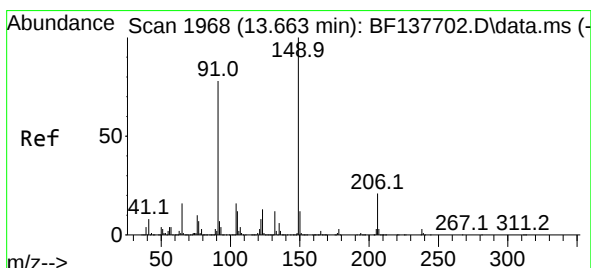
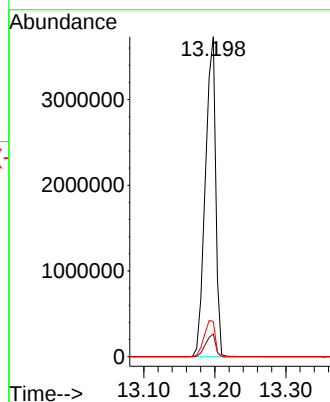
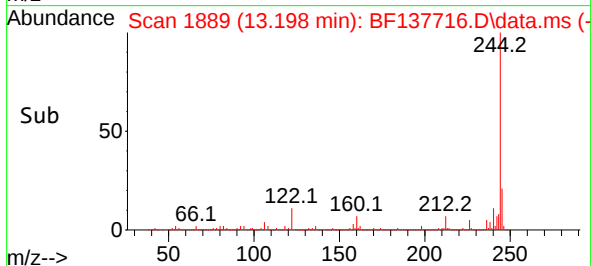
122 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 47.153 ng

RT: 13.663 min Scan# 1968

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

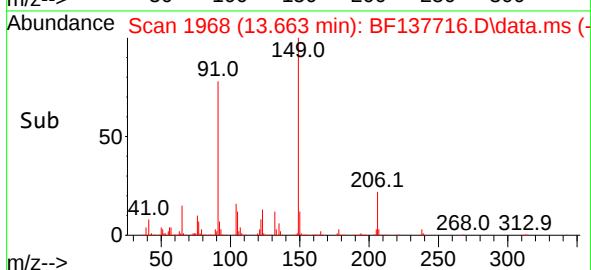
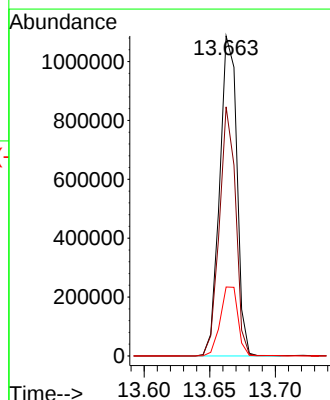
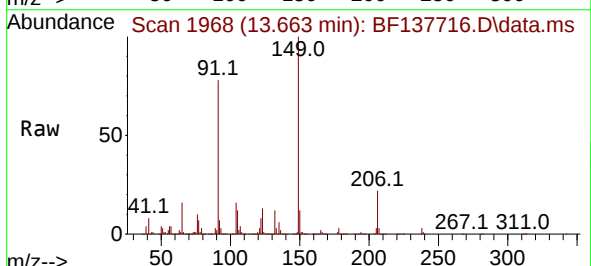
Tgt Ion:149 Resp: 989833

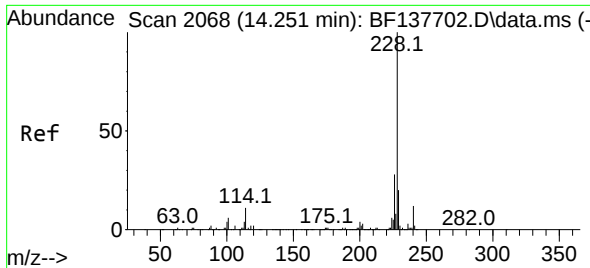
Ion Ratio Lower Upper

149 100

91 77.8 62.6 93.8

206 21.6 16.5 24.7





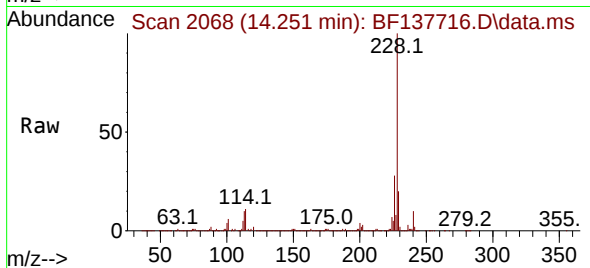
#81
Benzo(a)anthracene
Concen: 45.667 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD



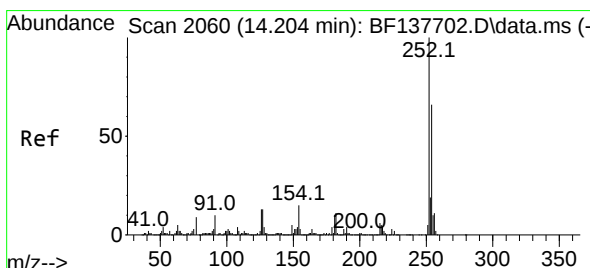
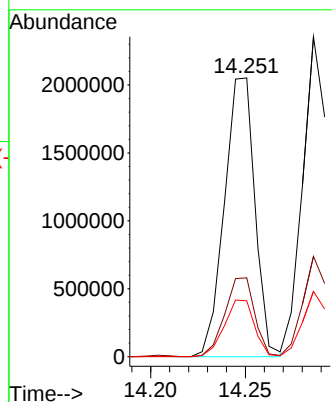
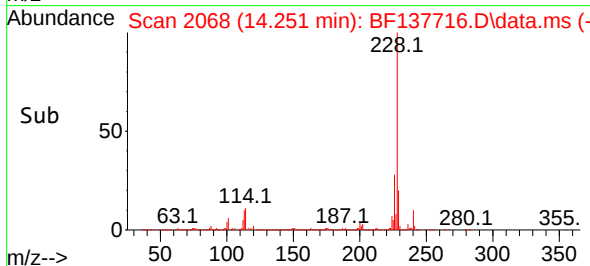
Tgt Ion:228 Resp: 229713
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.0 16.0 24.0

Manual Integrations

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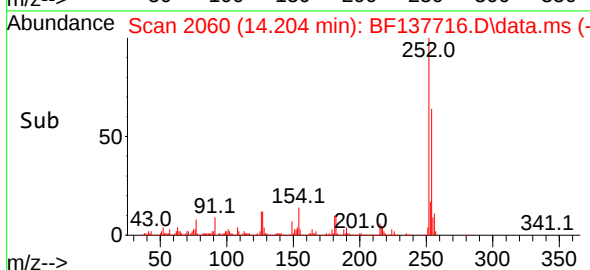
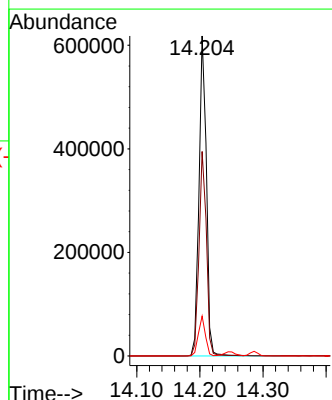
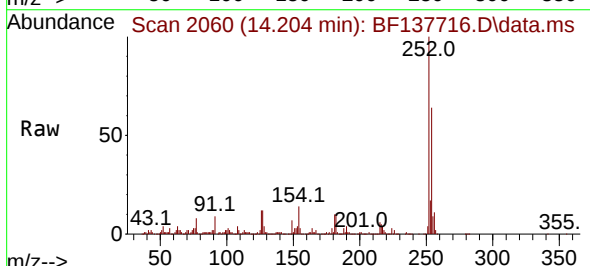
Reviewed By :Yogesh Patel 04/26/2024

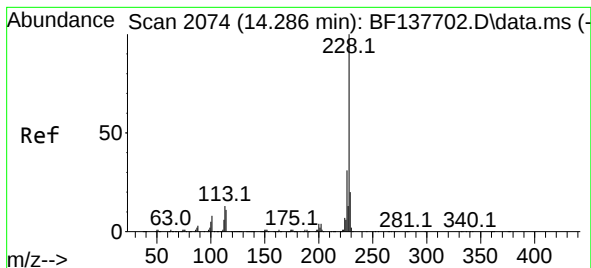
Supervised By :mohammad ahmed 04/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.098 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:252 Resp: 499556
Ion Ratio Lower Upper
252 100
254 63.9 52.6 79.0
126 12.4 10.8 16.2





#83

Chrysene

Concen: 44.450 ng

RT: 14.286 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion:228 Resp: 2089158

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

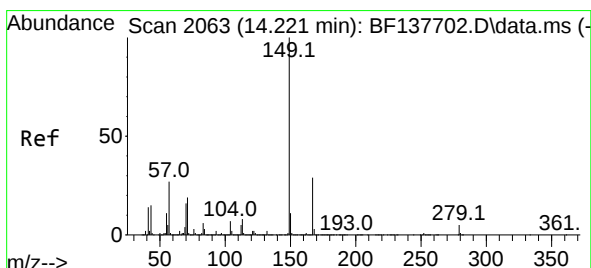
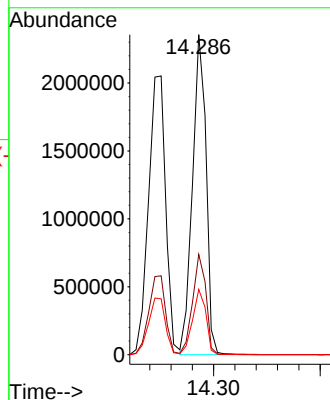
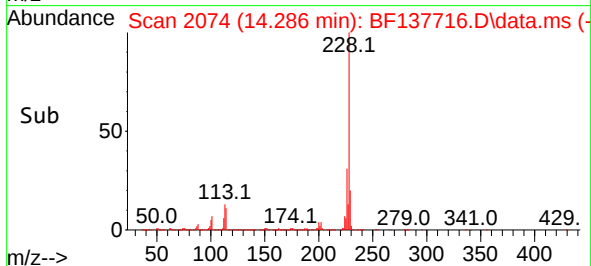
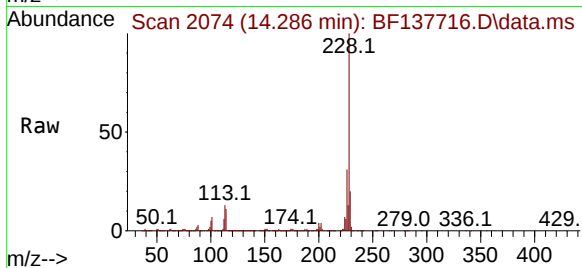
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.097 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

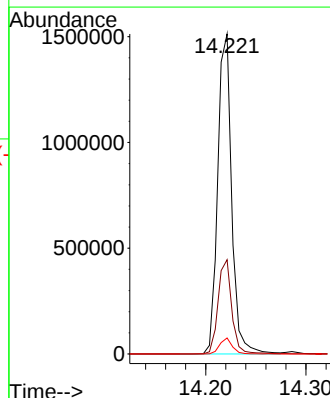
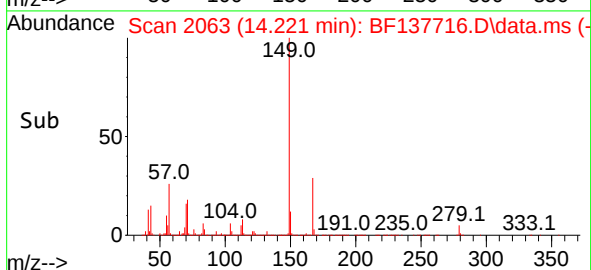
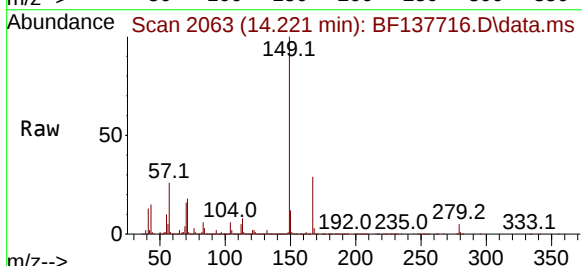
Tgt Ion:149 Resp: 1461370

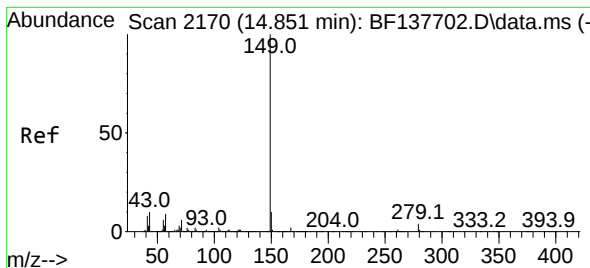
Ion Ratio Lower Upper

149 100

167 29.5 23.4 35.0

279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 46.709 ng

RT: 14.851 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion:149 Resp: 222429

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

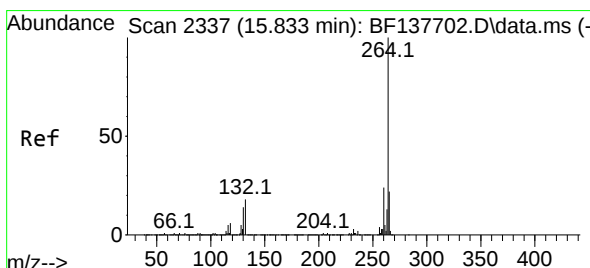
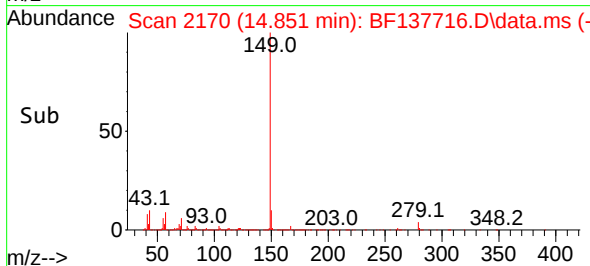
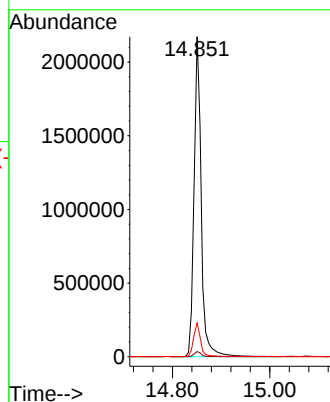
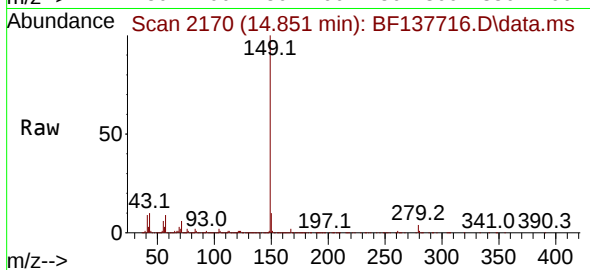
43 10.3 8.8 13.2

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: BF137716.D

Acq: 24 Apr 2024 13:44

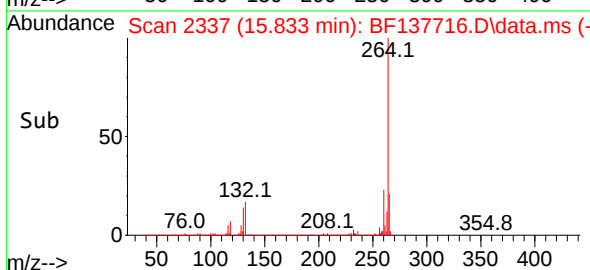
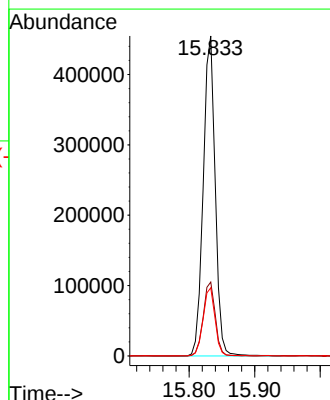
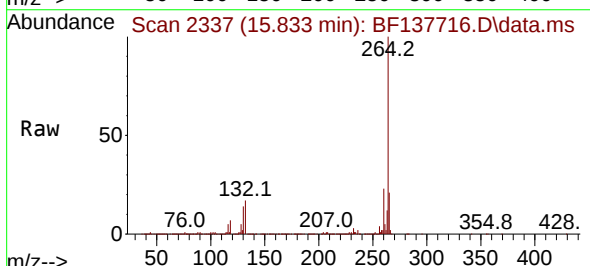
Tgt Ion:264 Resp: 579347

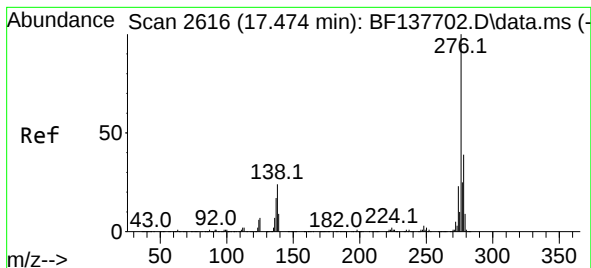
Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.917 ng

RT: 17.474 min Scan# 207

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB160462BSD

Tgt Ion:276 Resp: 166776

Ion Ratio Lower Upper

276 100

138 27.3 22.3 33.5

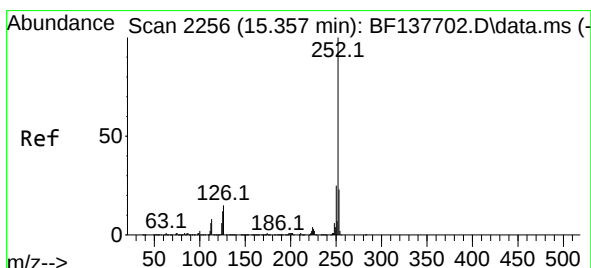
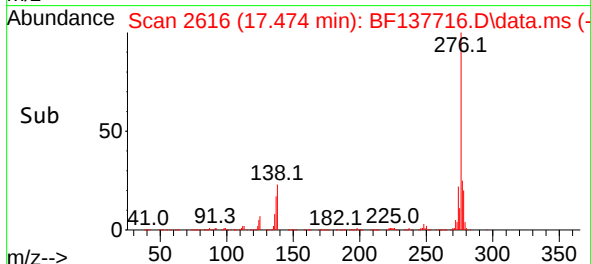
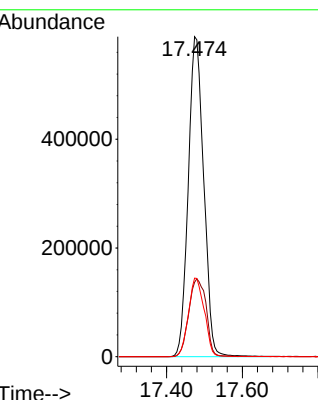
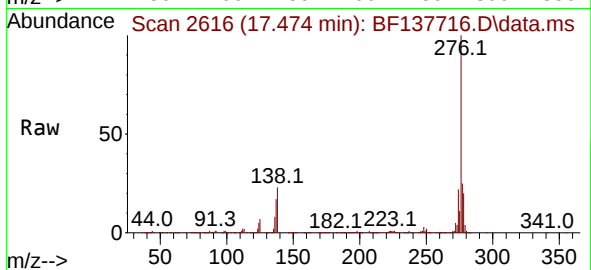
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 50.975 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BF137716.D

Acq: 24 Apr 2024 13:44

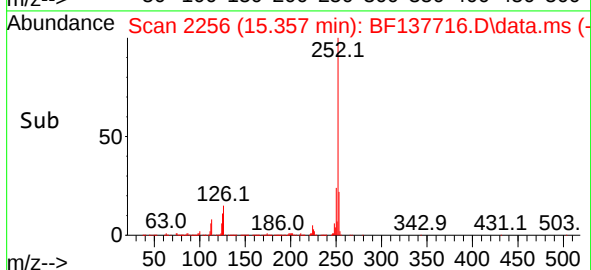
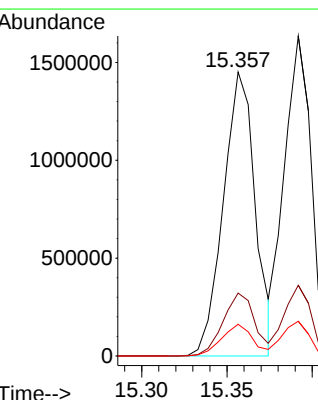
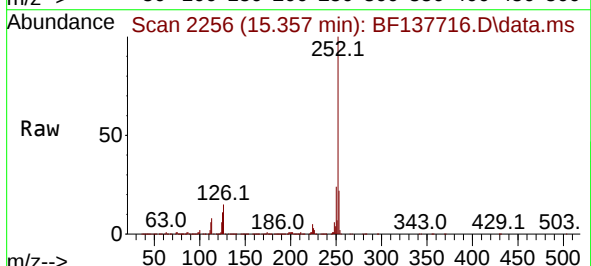
Tgt Ion:252 Resp: 1889801

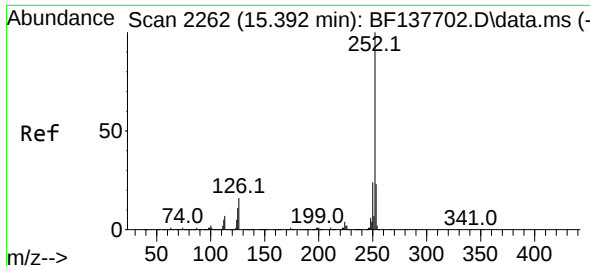
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

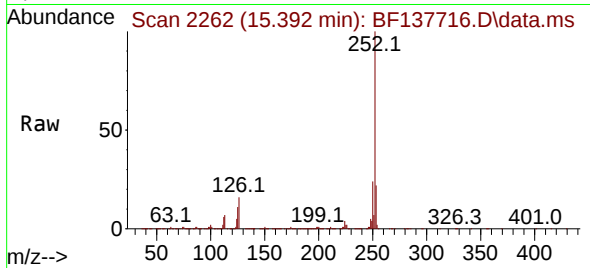
125 11.2 9.2 13.8





#89
Benzo(k)fluoranthene
Concen: 49.751 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

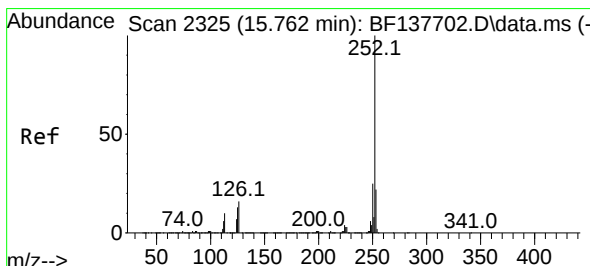
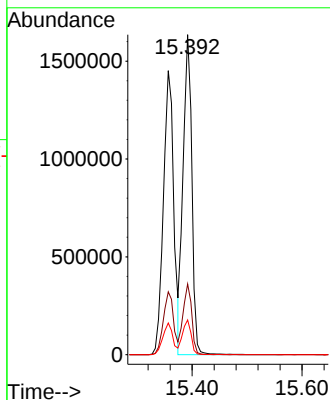
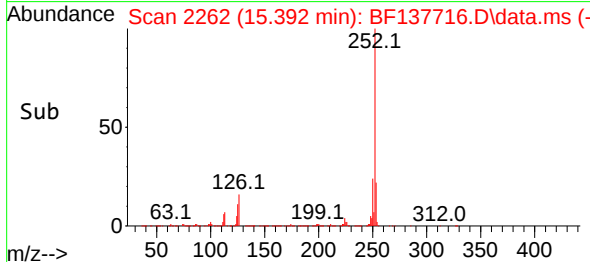
Instrument :
BNA_F
ClientSampleId :
PB160462BSD



Tgt Ion:252 Resp: 1813039
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.8 9.0 13.6

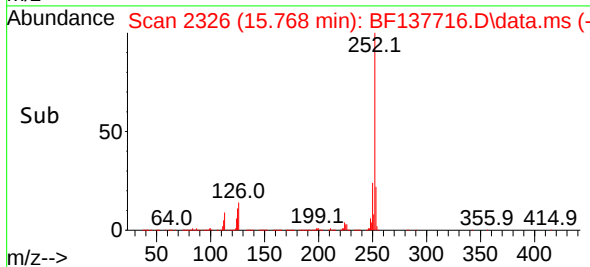
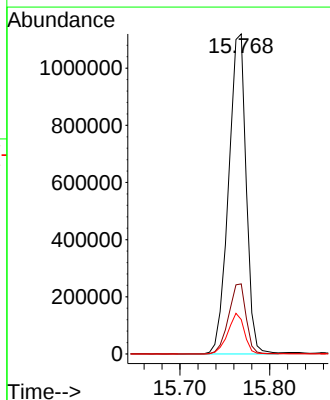
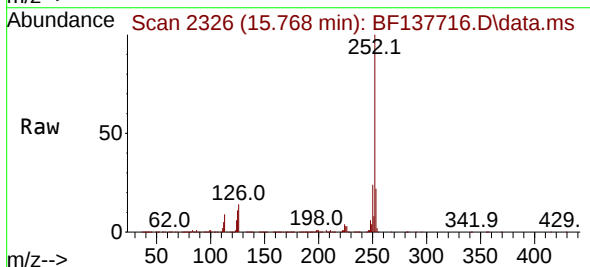
Manual Integrations
APPROVED

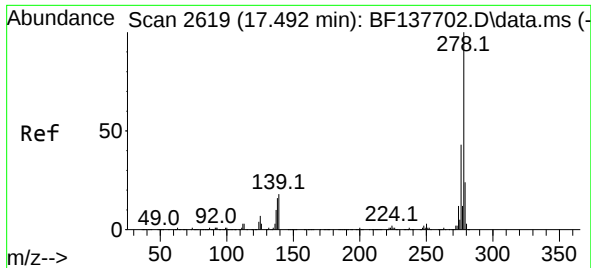
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#90
Benzo(a)pyrene
Concen: 45.734 ng
RT: 15.768 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:252 Resp: 1520970
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.7 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 52.333 ng
RT: 17.503 min Scan# 2070
Delta R.T. 0.012 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Instrument :

BNA_F

ClientSampleId :

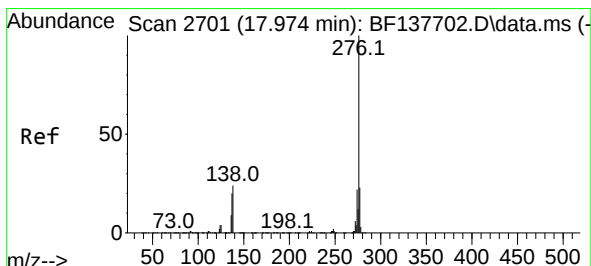
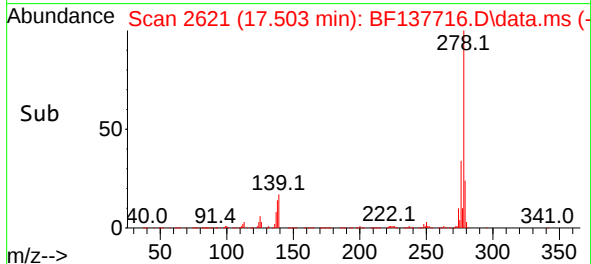
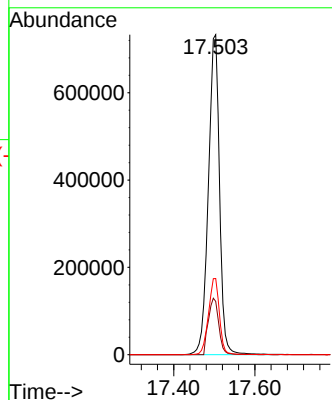
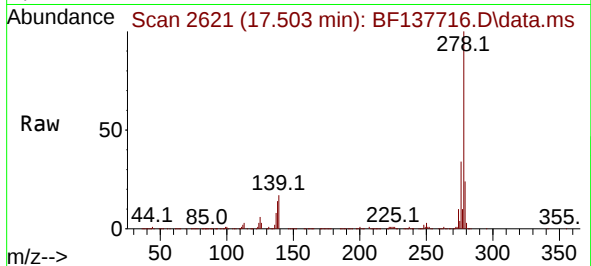
PB160462BSD

Tgt Ion:278 Resp: 1395078
Ion Ratio Lower Upper
278 100
139 16.7 14.7 22.1
279 23.8 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: 52.588 ng
RT: 17.980 min Scan# 2702
Delta R.T. 0.006 min
Lab File: BF137716.D
Acq: 24 Apr 2024 13:44

Tgt Ion:276 Resp: 1363177
Ion Ratio Lower Upper
276 100
277 23.5 18.5 27.7
138 23.1 19.5 29.3

