

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137544.D
 Acq On : 08 Mar 2024 15:41
 Operator : CG\JU
 Sample : P1705-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 22:16:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 08 22:10:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	222491	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	841755	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	458376	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	741015	20.000	ng	0.00
76) Chrysene-d12	14.080	240	396099	20.000	ng	0.00
86) Perylene-d12	15.621	264	475261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1081561	73.624	ng	0.01
7) Phenol-d6	6.534	99	1465190	69.096	ng	0.00
23) Nitrobenzene-d5	7.451	82	890933	49.179	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	295544	73.421	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1362225	46.520	ng	0.00
79) Terphenyl-d14	13.016	244	1212727	42.101	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	294045	36.607	ng	98
3) Pyridine	3.604	79	691484	35.694	ng	98
4) n-Nitrosodimethylamine	3.587	42	315830	40.861	ng	100
6) Aniline	6.563	93	587963	22.692	ng	99
8) 2-Chlorophenol	6.681	128	649431	41.914	ng	98
9) Benzaldehyde	6.451	77	308088	29.656	ng	94
10) Phenol	6.551	94	906154	39.702	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	655508	39.193	ng	98
12) 1,3-Dichlorobenzene	6.834	146	682941	41.248	ng	96
13) 1,4-Dichlorobenzene	6.904	146	705660	41.655	ng	97
14) 1,2-Dichlorobenzene	7.057	146	658677	42.362	ng	98
15) Benzyl Alcohol	7.034	79	592748	44.901	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1080773	37.593	ng	93
17) 2-Methylphenol	7.145	107	525561	36.249	ng	99
18) Hexachloroethane	7.392	117	243997	43.743	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	475638	36.324	ng	99
20) 3+4-Methylphenols	7.298	107	603407	36.339	ng	96
22) Acetophenone	7.298	105	838243	41.158	ng	99
24) Nitrobenzene	7.469	77	731831	40.213	ng	98
25) Isophorone	7.704	82	1388058	40.330	ng	99
26) 2-Nitrophenol	7.781	139	337518	46.714	ng	99
27) 2,4-Dimethylphenol	7.822	122	453120	33.564	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	827868	40.996	ng	99
29) 2,4-Dichlorophenol	8.022	162	524573	42.337	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	564806	43.317	ng	100
31) Naphthalene	8.187	128	2128479	47.129	ng	99
32) Benzoic acid	7.957	122	263969	35.796	ng	99
33) 4-Chloroaniline	8.239	127	124782	7.046	ng	99
34) Hexachlorobutadiene	8.298	225	329108	42.753	ng	99
35) Caprolactam	8.616	113	180487m	42.959	ng	
36) 4-Chloro-3-methylphenol	8.728	107	564982	40.793	ng	97
37) 2-Methylnaphthalene	8.875	142	1182932	41.087	ng	100
38) 1-Methylnaphthalene	8.975	142	1108968	40.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	540882	42.267	ng	99
41) Hexachlorocyclopentadiene	9.028	237	445569	84.773	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	357419	42.891	ng	99

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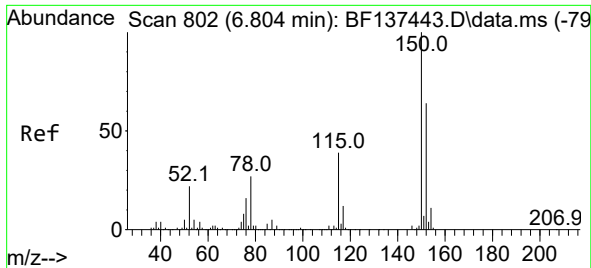
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	382987	39.896	ng	99
46) 1,1'-Biphenyl	9.345	154	1354155	40.363	ng	99
47) 2-Chloronaphthalene	9.369	162	1063871	41.593	ng	99
48) 2-Nitroaniline	9.469	65	371161	42.692	ng	97
49) Acenaphthylene	9.781	152	1694060	41.385	ng	100
50) Dimethylphthalate	9.651	163	1249895	39.171	ng	99
51) 2,6-Dinitrotoluene	9.716	165	281082	42.116	ng	# 83
52) Acenaphthene	9.957	154	962747	39.395	ng	100
53) 3-Nitroaniline	9.881	138	128879	18.257	ng	95
54) 2,4-Dinitrophenol	9.992	184	240165	74.419	ng	96
55) Dibenzofuran	10.128	168	1440531	38.702	ng	98
56) 4-Nitrophenol	10.057	139	391600	78.086	ng	93
57) 2,4-Dinitrotoluene	10.122	165	340801	41.564	ng	96
58) Fluorene	10.475	166	1104969	38.655	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	310211	40.298	ng	94
60) Diethylphthalate	10.357	149	1176346	39.040	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	529887	37.824	ng	96
62) 4-Nitroaniline	10.504	138	235330	38.786	ng	97
63) Azobenzene	10.628	77	1350348	38.919	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	189192	45.809	ng	94
66) n-Nitrosodiphenylamine	10.592	169	973689	40.806	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	344672	42.705	ng	98
68) Hexachlorobenzene	11.022	284	367207	45.046	ng	96
69) Atrazine	11.128	200	323543	44.603	ng	99
70) Pentachlorophenol	11.222	266	375437	76.186	ng	99
71) Phenanthrene	11.445	178	1704046	42.255	ng	100
72) Anthracene	11.492	178	1684341	40.666	ng	99
73) Carbazole	11.651	167	1424667	40.156	ng	99
74) Di-n-butylphthalate	11.992	149	1795799	42.544	ng	99
75) Fluoranthene	12.639	202	1521053	38.587	ng	98
77) Benzidine	12.769	184	441848	45.582	ng	97
78) Pyrene	12.869	202	1541671	39.666	ng	100
80) Butylbenzylphthalate	13.504	149	539346	54.337	ng	97
81) Benzo(a)anthracene	14.069	228	1160581	41.804	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	210500	28.473	ng	97
83) Chrysene	14.110	228	1194232	42.561	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	708078	56.125	ng	98
85) Di-n-octyl phthalate	14.698	149	1333310	54.037	ng	98
87) Indeno(1,2,3-cd)pyrene	17.251	276	1253103	40.067	ng	98
88) Benzo(b)fluoranthene	15.163	252	1227012	43.645	ng	100
89) Benzo(k)fluoranthene	15.198	252	1132323	37.498	ng	99
90) Benzo(a)pyrene	15.557	252	1143643	41.280	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	1006929	39.688	ng	98
92) Benzo(g,h,i)perylene	17.739	276	933838	35.840	ng	98

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



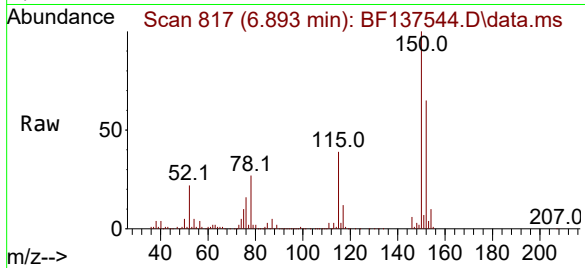
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

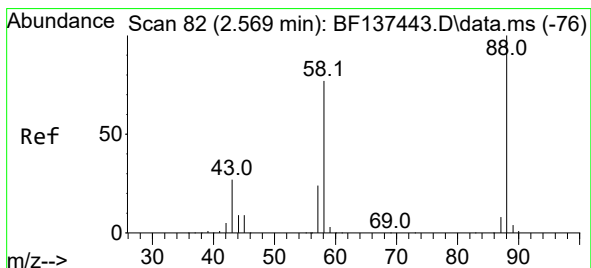
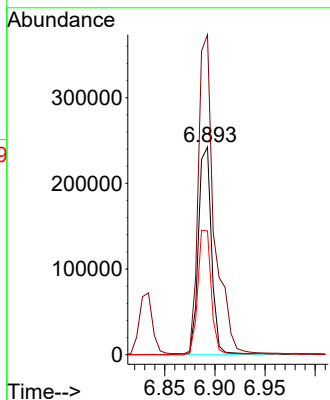
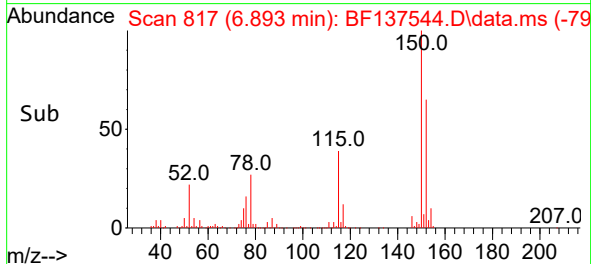


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 Ion Ratio Lower Upper
 152 100
 150 154.1 125.8 188.6
 115 59.7 48.8 73.2

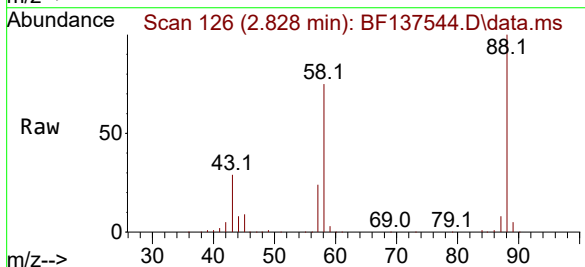
Manual Integrations

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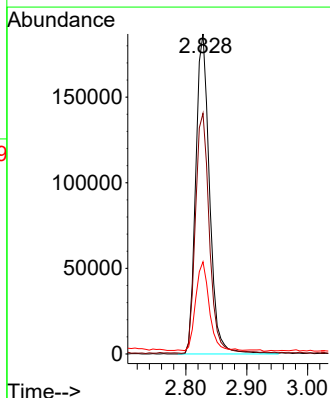
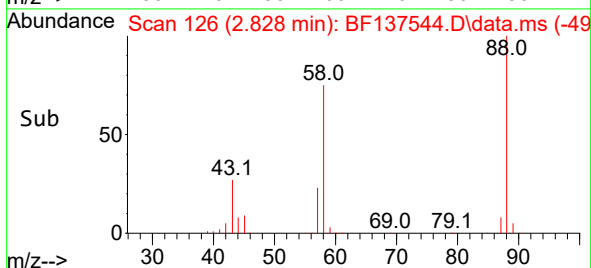
Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024

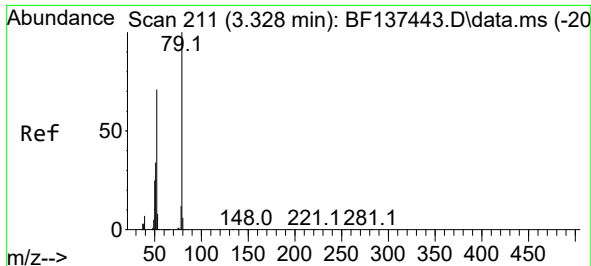


#2
 1,4-Dioxane
 Concen: 36.607 ng
 RT: 2.828 min Scan# 126
 Delta R.T. 0.100 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41



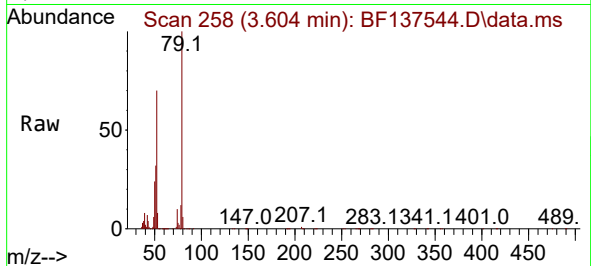
Tgt Ion: 88 Resp: 294045
 Ion Ratio Lower Upper
 88 100
 58 75.9 61.8 92.8
 43 27.0 22.2 33.4





#3
Pyridine
Concen: 35.694 ng
RT: 3.604 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

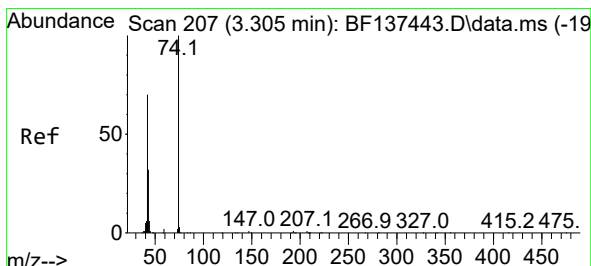
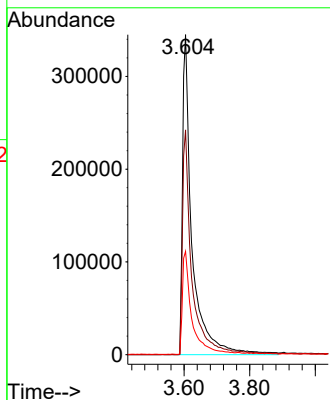
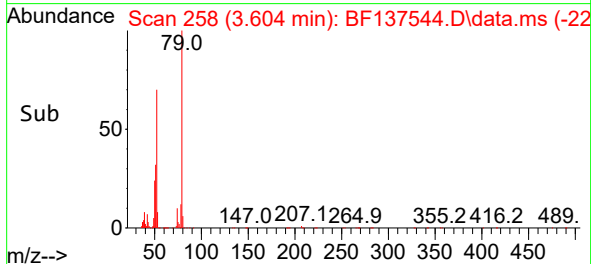
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



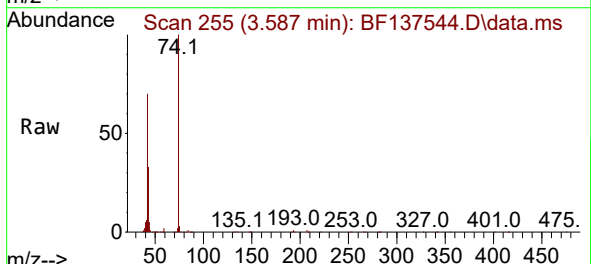
Tgt Ion: 79 Resp: 691484
Ion Ratio Lower Upper
79 100
52 70.3 57.0 85.4
51 32.3 27.5 41.3

Manual Integrations
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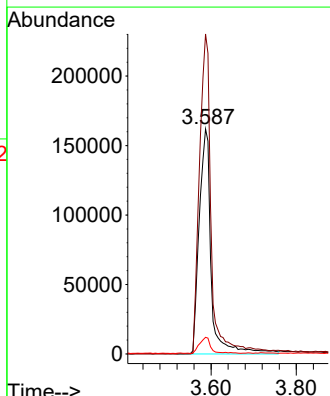
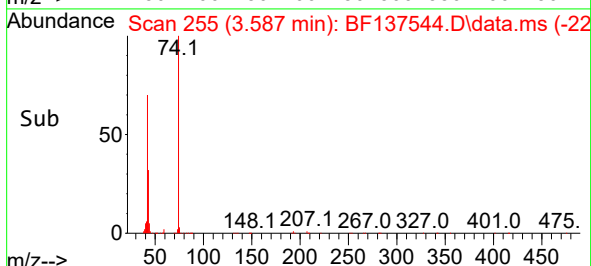
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

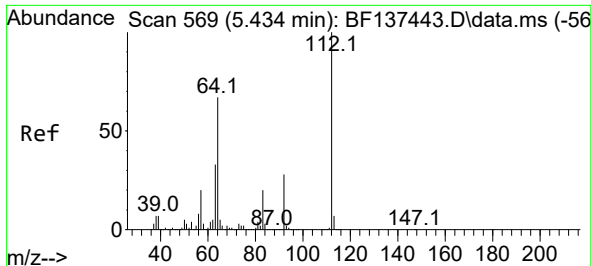


#4
n-Nitrosodimethylamine
Concen: 40.861 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.071 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion: 42 Resp: 315830
Ion Ratio Lower Upper
42 100
74 142.3 114.0 171.0
44 7.4 7.0 10.4





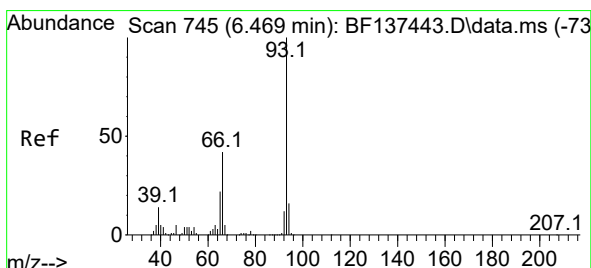
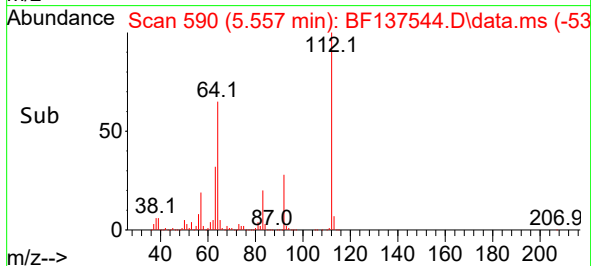
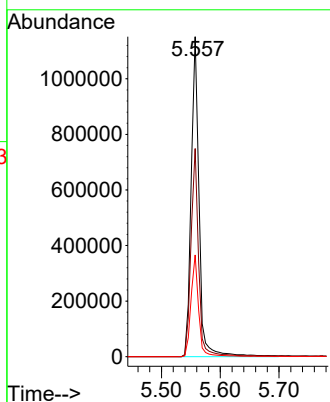
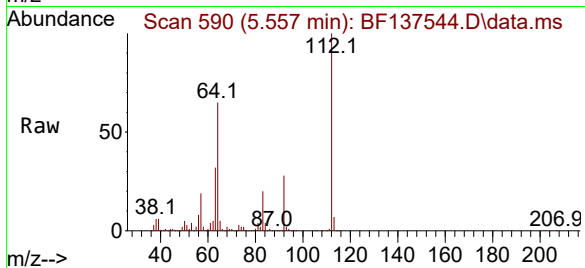
#5
2-Fluorophenol
Concen: 73.624 ng
RT: 5.557 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion:112 Resp: 108156
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 31.8 26.2 39.2

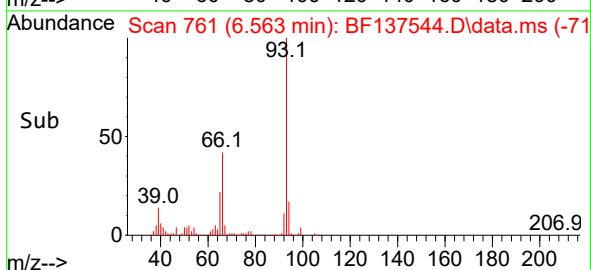
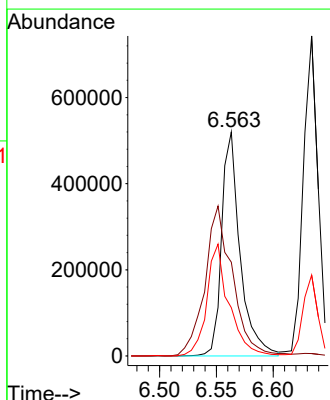
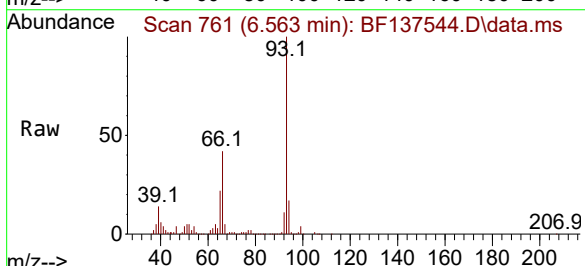
Manual Integrations
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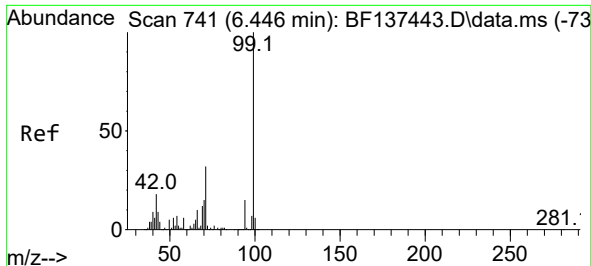
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#6
Aniline
Concen: 22.692 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

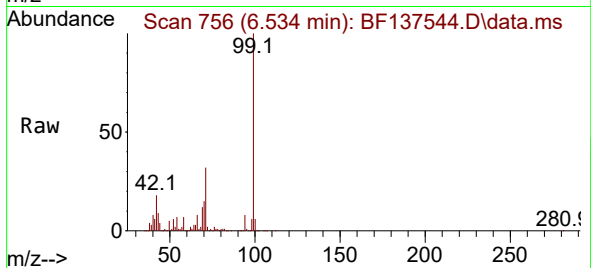
Tgt Ion: 93 Resp: 587963
Ion Ratio Lower Upper
93 100
66 41.9 34.0 51.0
65 21.6 17.8 26.8





#7
Phenol-d6
Concen: 69.096 ng
RT: 6.534 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

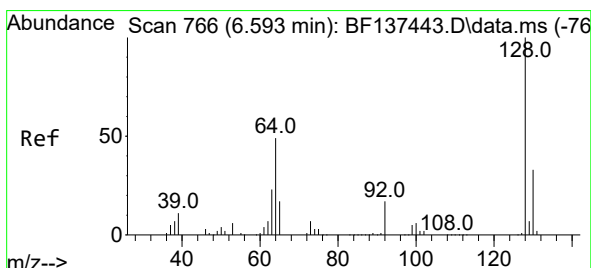
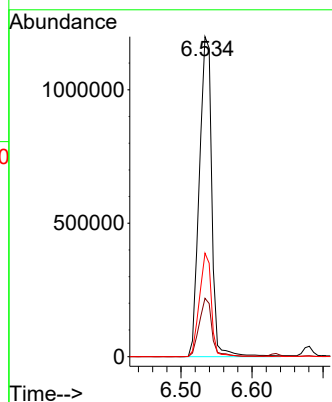
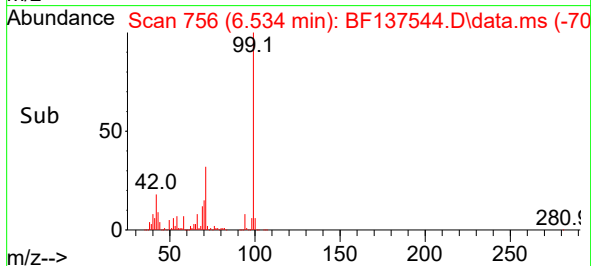
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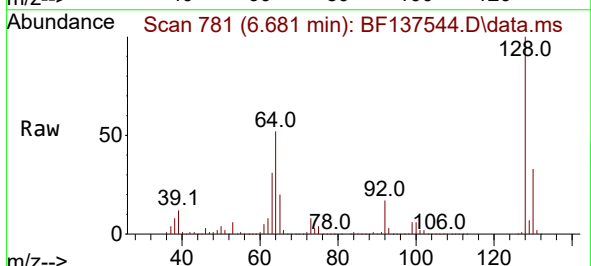
Tgt Ion: 99 Resp: 1465190
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 32.3 25.3 37.9

Manual Integrations
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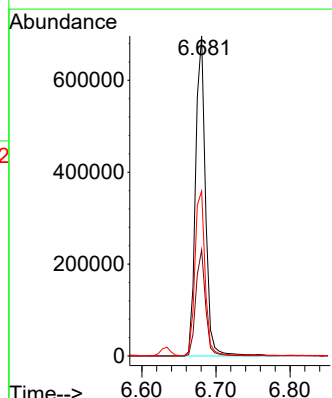
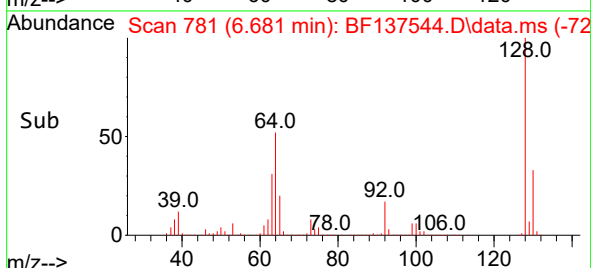
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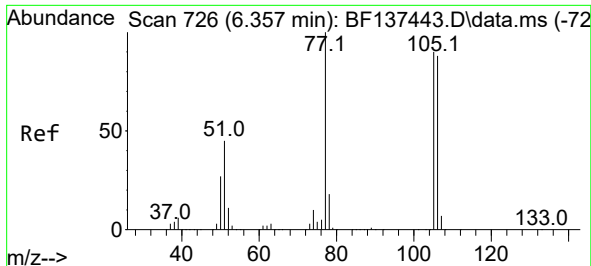


#8
2-Chlorophenol
Concen: 41.914 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:128 Resp: 649431
Ion Ratio Lower Upper
128 100
130 33.1 13.4 53.4
64 51.6 30.0 70.0





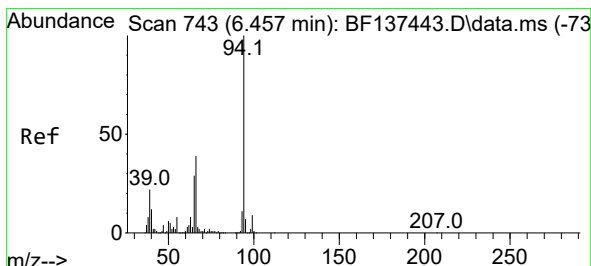
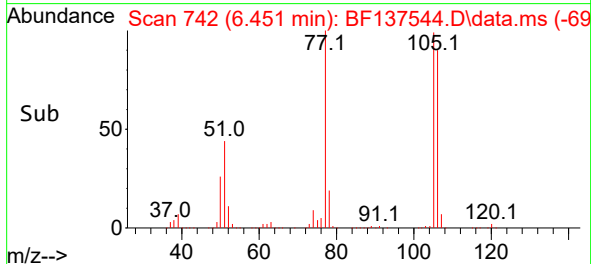
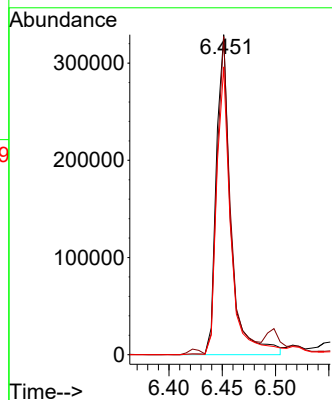
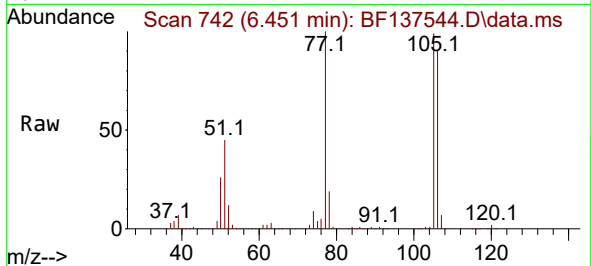
#9
Benzaldehyde
Concen: 29.656 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion: 77 Resp: 30808
Ion Ratio Lower Upper
77 100
105 99.4 69.8 109.8
106 89.9 67.8 107.8

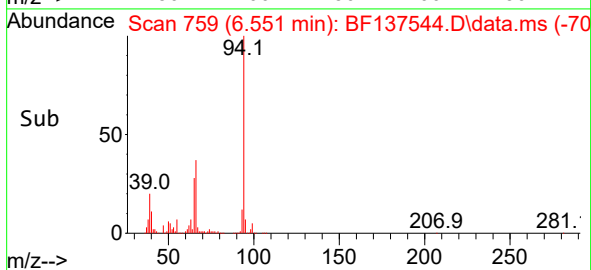
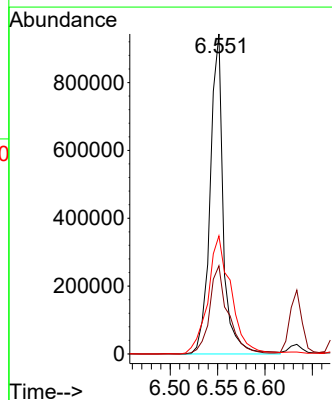
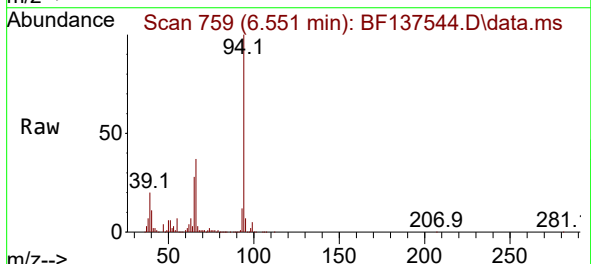
Manual Integrations
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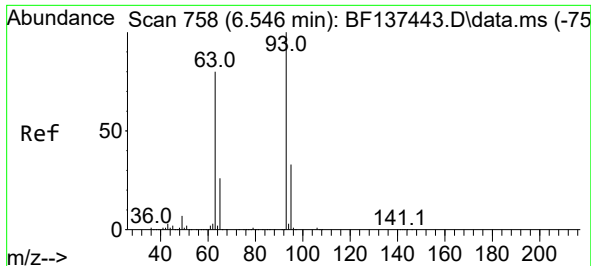
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#10
Phenol
Concen: 39.702 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion: 94 Resp: 906154
Ion Ratio Lower Upper
94 100
65 27.6 8.7 48.7
66 36.9 18.6 58.6





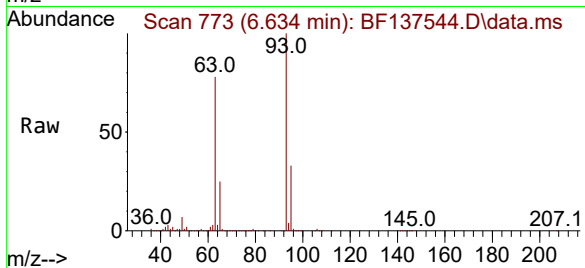
#11
bis(2-Chloroethyl)ether
Concen: 39.193 ng
RT: 6.634 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS



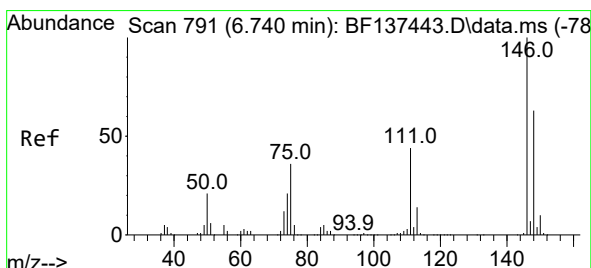
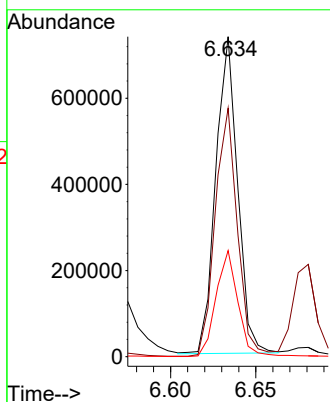
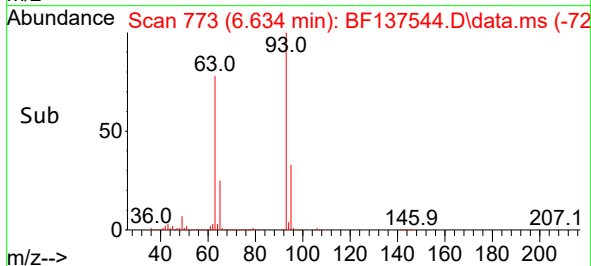
Tgt Ion: 93 Resp: 655508
Ion Ratio Lower Upper
93 100
63 77.7 58.9 98.9
95 33.2 12.2 52.2

Manual Integrations

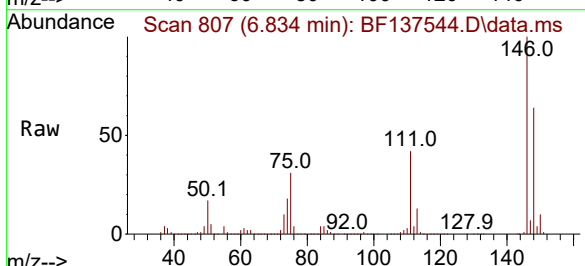
APPROVED

Reviewed By :Yogesh Patel 03/09/2024

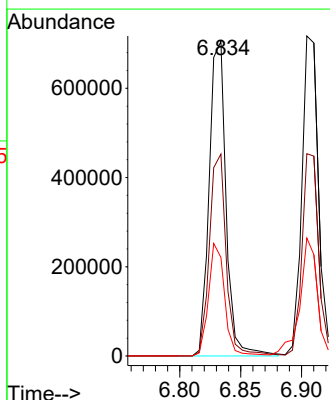
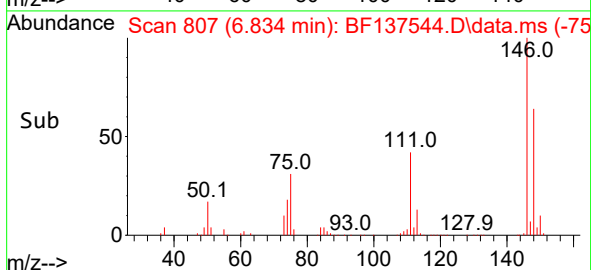
Supervised By :mohammad ahmed 03/09/2024

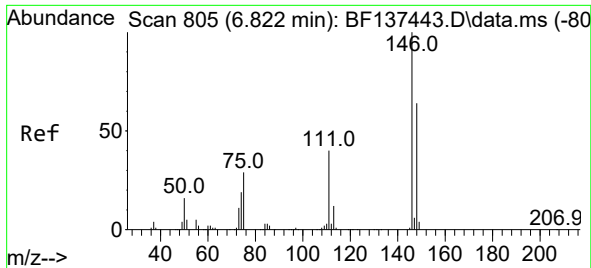


#12
1,3-Dichlorobenzene
Concen: 41.248 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:146 Resp: 682941
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
75 31.4 29.0 43.4





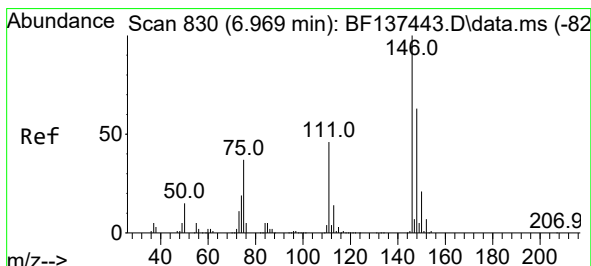
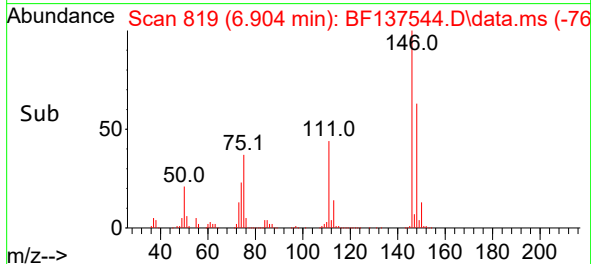
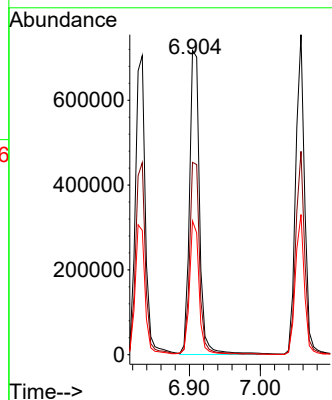
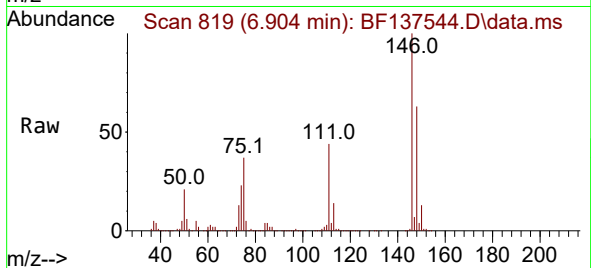
#13
1,4-Dichlorobenzene
Concen: 41.655 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion:146 Resp: 705660
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 44.0 32.4 48.6

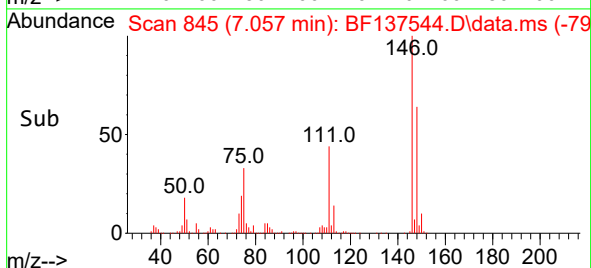
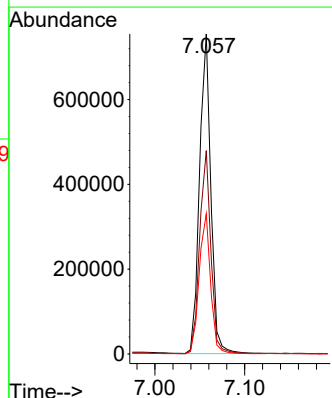
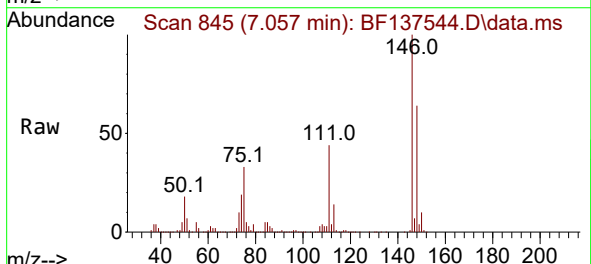
Manual Integrations
APPROVED

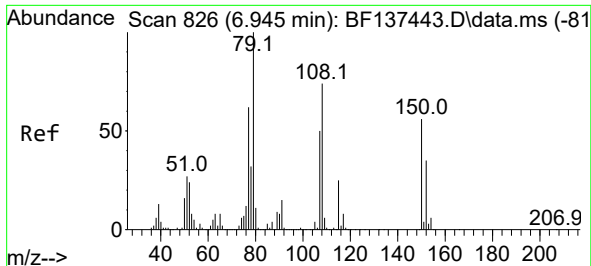
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#14
1,2-Dichlorobenzene
Concen: 42.362 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

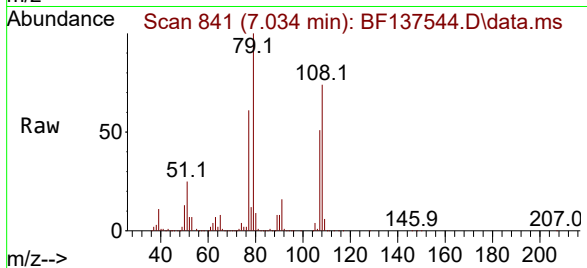
Tgt Ion:146 Resp: 658677
Ion Ratio Lower Upper
146 100
148 63.5 50.0 75.0
111 43.8 36.8 55.2





#15
Benzyl Alcohol
Concen: 44.901 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

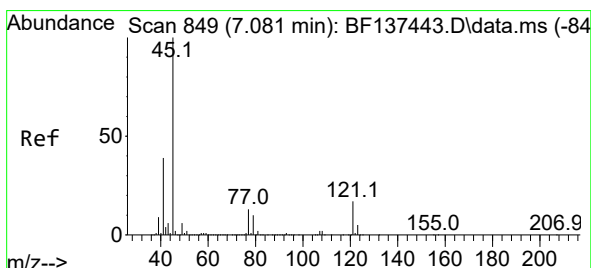
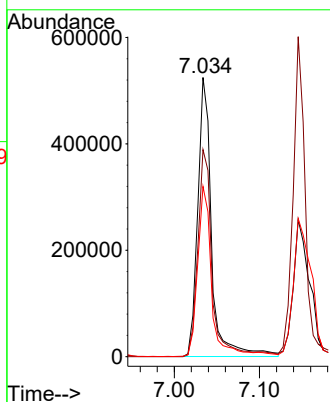
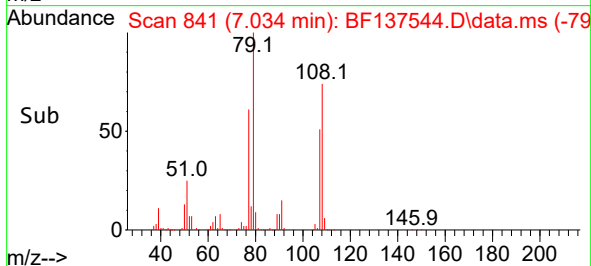
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion: 79 Resp: 592748
Ion Ratio Lower Upper
79 100
108 74.1 59.5 89.3
77 61.0 50.0 75.0

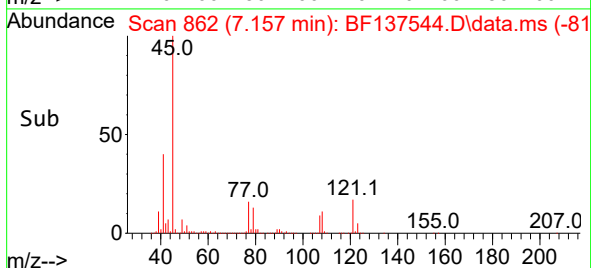
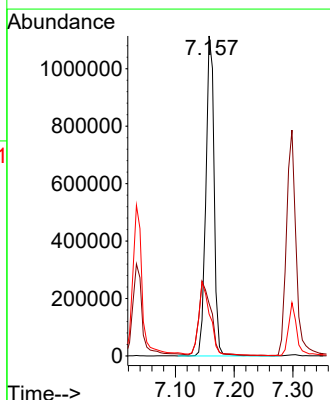
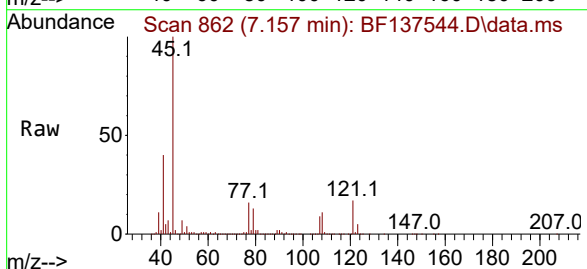
Manual Integrations
APPROVED

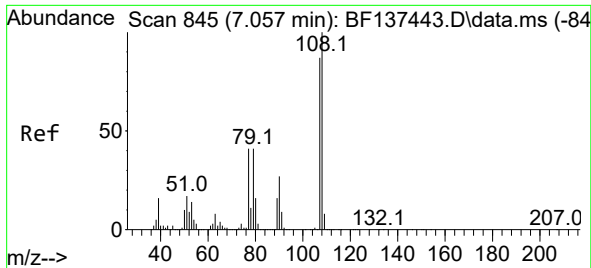
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.593 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion: 45 Resp: 1080773
Ion Ratio Lower Upper
45 100
77 16.4 0.0 33.4
79 13.1 0.0 30.9





#17
2-Methylphenol
Concen: 36.249 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

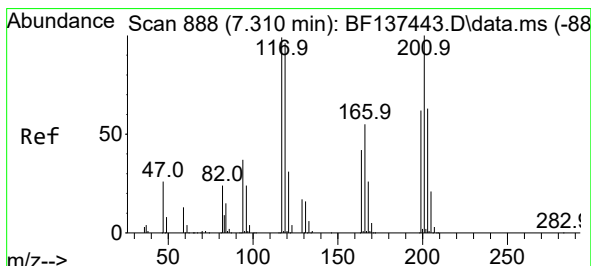
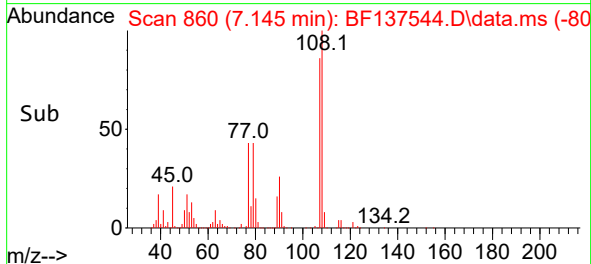
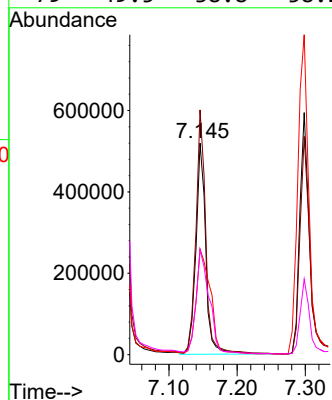
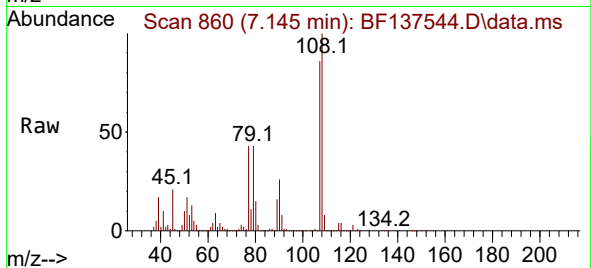
ClientSampleId :

TP-2BMS

Tgt Ion:107 Resp: 52556
Ion Ratio Lower Upper
107 100
108 115.7 92.2 138.4
77 49.9 38.6 57.8
79 49.5 38.8 58.2

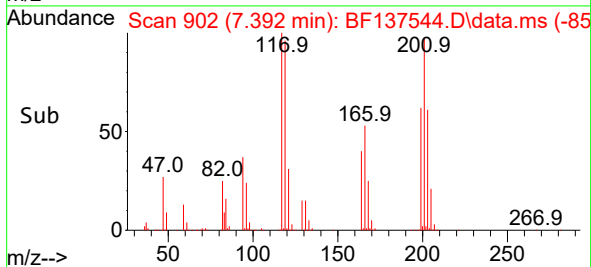
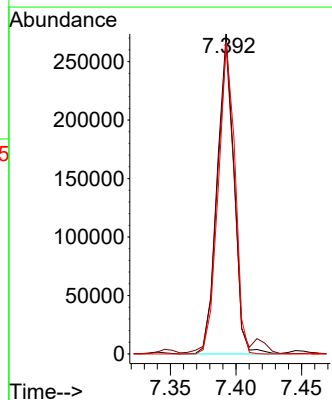
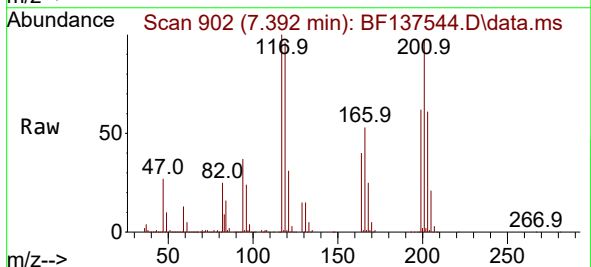
Manual Integrations
APPROVED

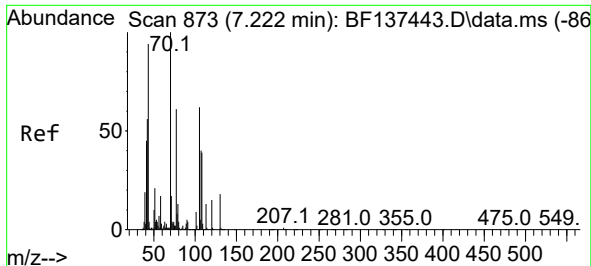
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#18
Hexachloroethane
Concen: 43.743 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

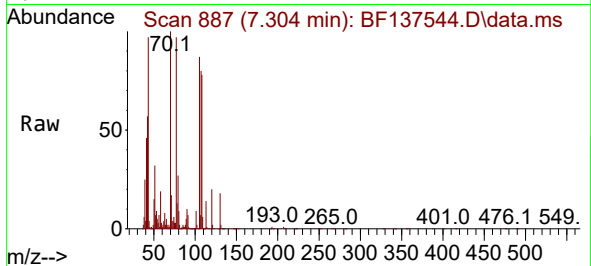
Tgt Ion:117 Resp: 243997
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 97.3 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 36.324 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

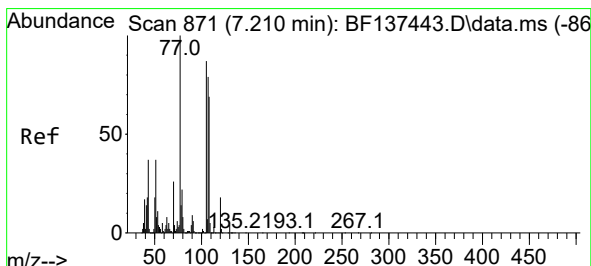
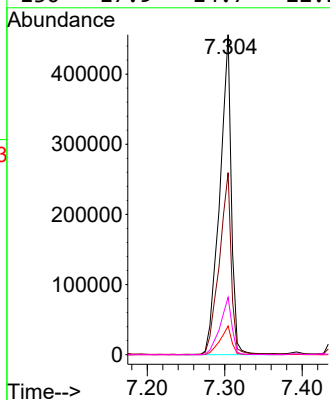
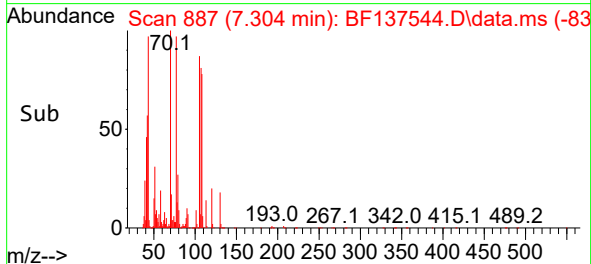
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



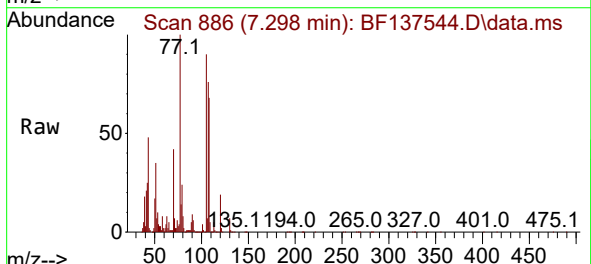
Tgt Ion: 70 Resp: 475638
Ion Ratio Lower Upper
70 100
42 56.9 45.2 67.8
101 8.9 7.3 10.9
130 17.9 14.7 22.1

Manual Integrations
APPROVED

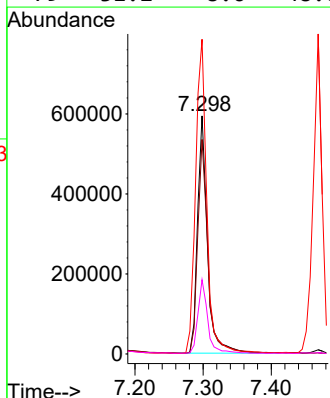
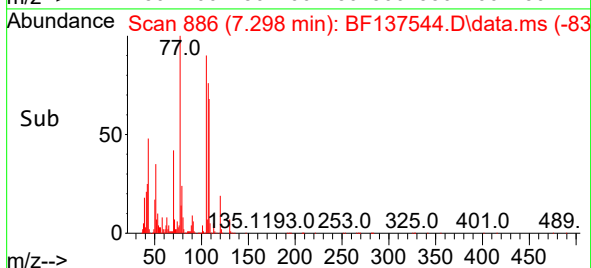
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

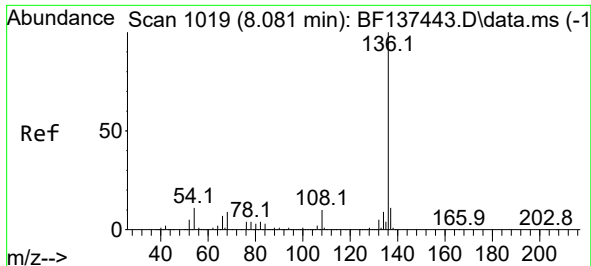


#20
3+4-Methylphenols
Concen: 36.339 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:107 Resp: 603407
Ion Ratio Lower Upper
107 100
108 90.2 67.6 107.6
77 132.2 107.1 147.1
79 31.2 8.6 48.6





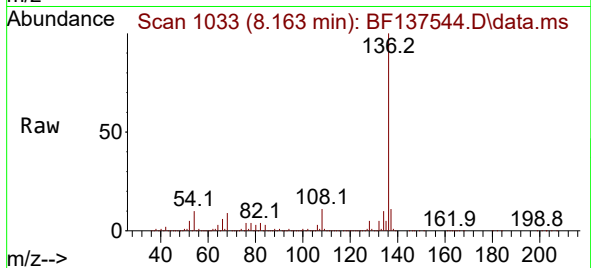
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

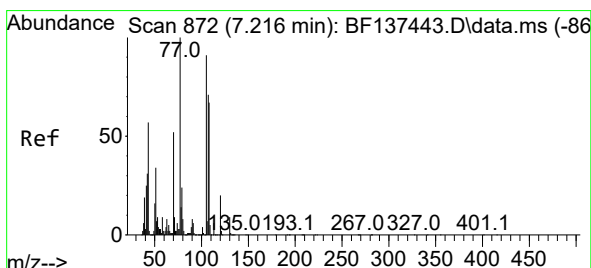
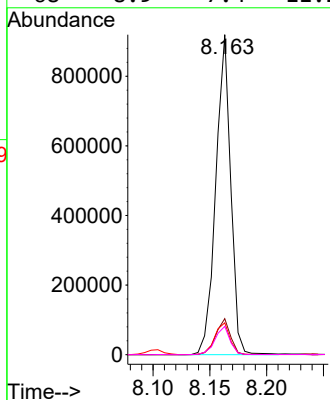
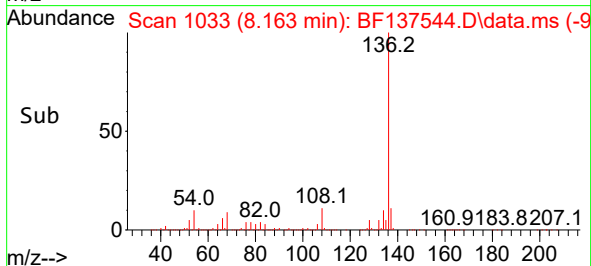
TP-2BMS



Tgt Ion:136 Resp: 84175
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.0 8.5 12.7
68 8.9 7.4 11.2

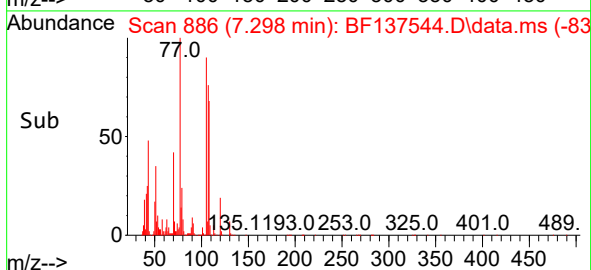
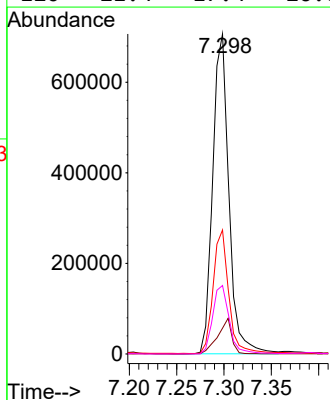
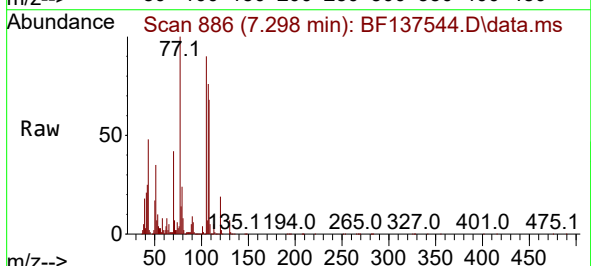
Manual Integrations
APPROVED

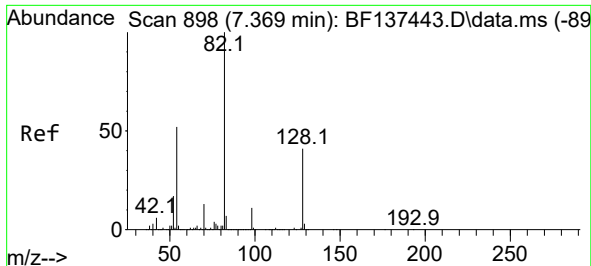
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#22
Acetophenone
Concen: 41.158 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:105 Resp: 838243
Ion Ratio Lower Upper
105 100
71 8.1 7.7 11.5
51 38.7 30.4 45.6
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 49.179 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion: 82 Resp: 89093

Ion Ratio Lower Upper

82 100

128 42.5 32.5 48.7

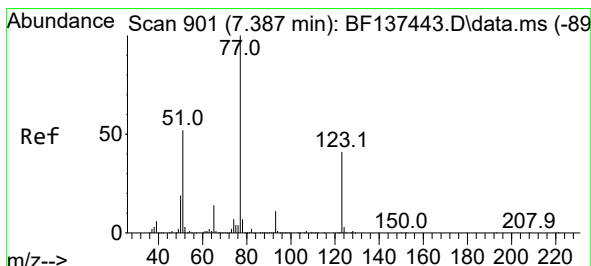
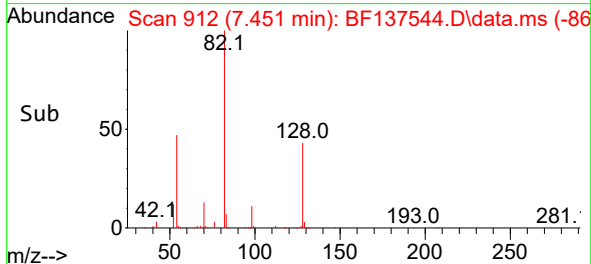
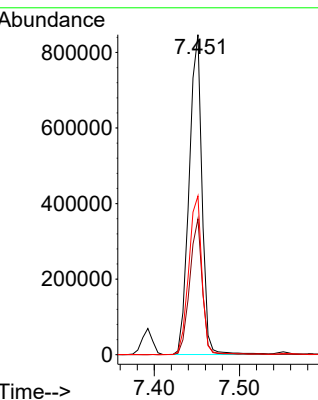
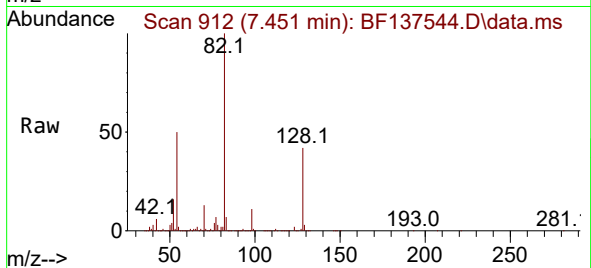
54 49.6 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#24

Nitrobenzene

Concen: 40.213 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

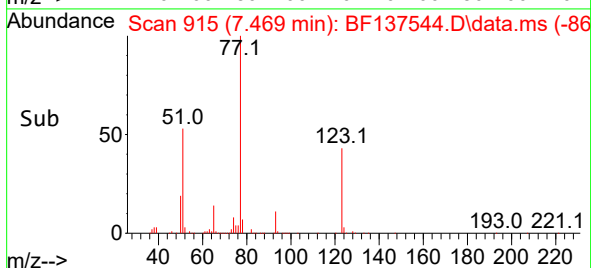
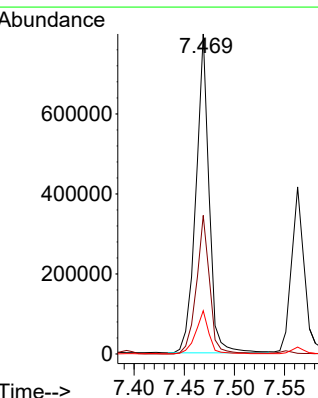
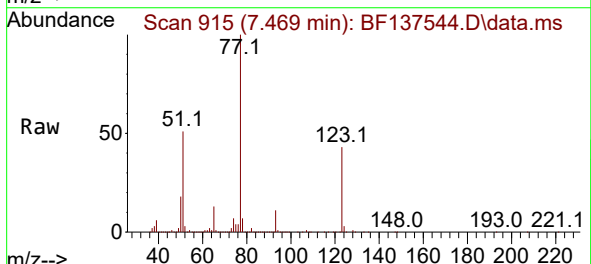
Tgt Ion: 77 Resp: 731831

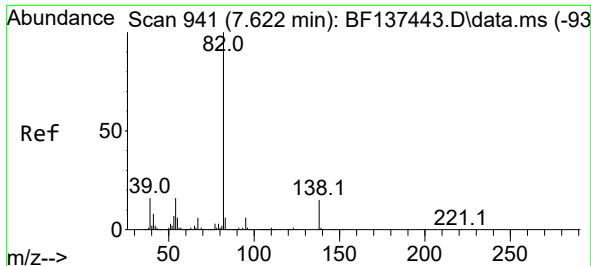
Ion Ratio Lower Upper

77 100

123 43.3 33.0 49.6

65 13.5 10.9 16.3





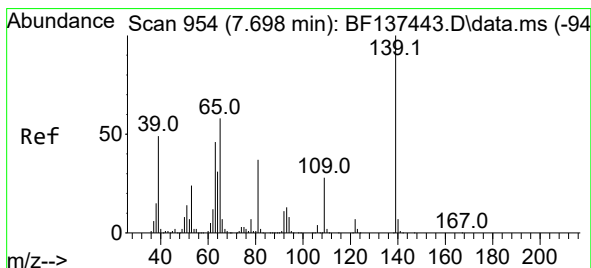
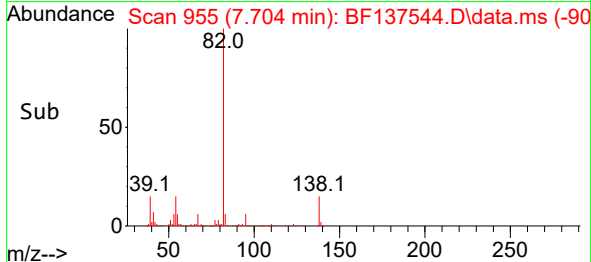
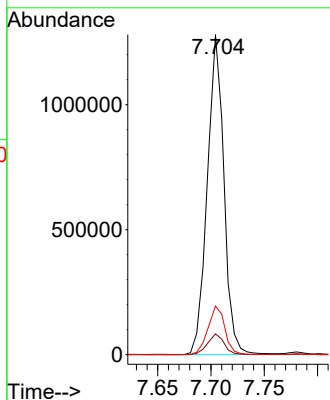
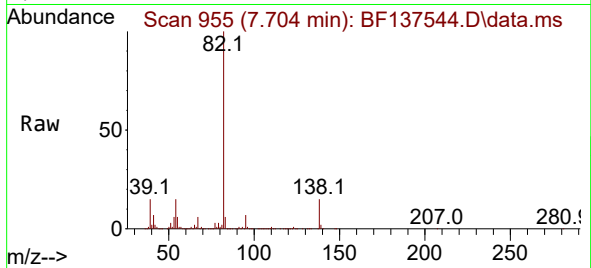
#25
Isophorone
Concen: 40.330 ng
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion: 82 Resp: 1388058
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.2 11.8 17.8

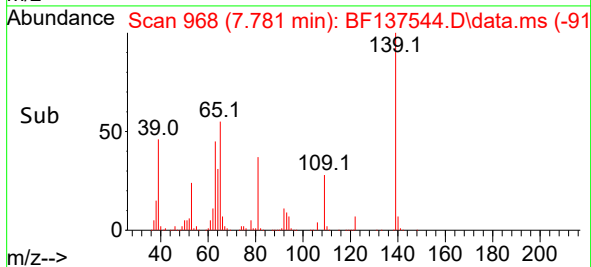
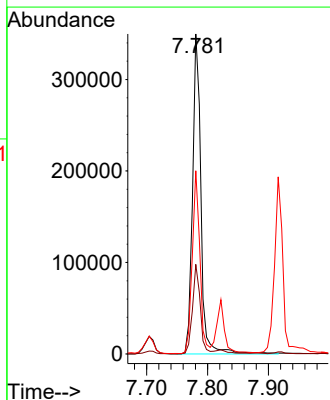
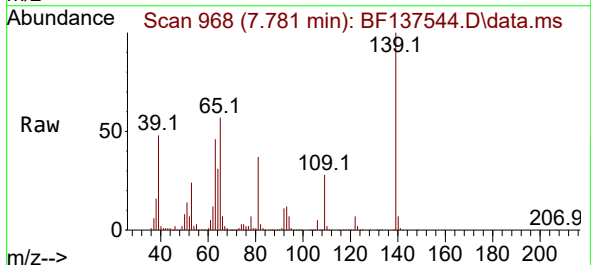
Manual Integrations
APPROVED

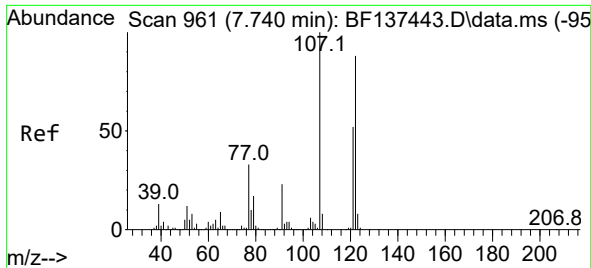
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#26
2-Nitrophenol
Concen: 46.714 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

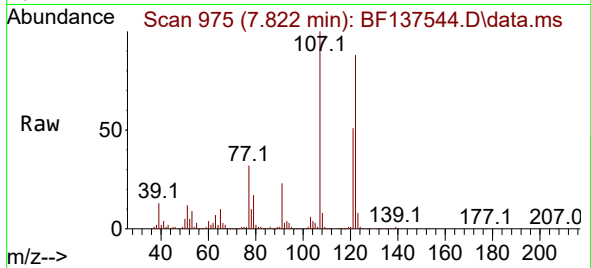
Tgt Ion:139 Resp: 337518
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.4
65 57.3 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 33.564 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

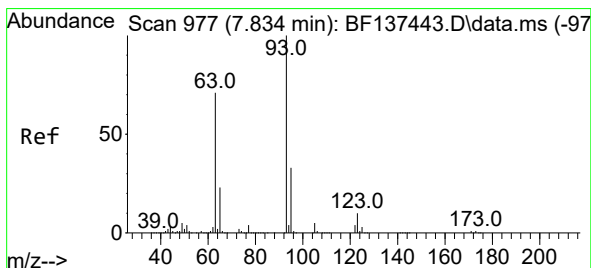
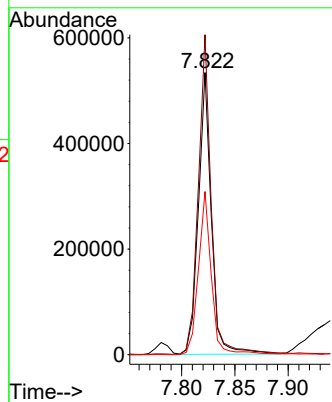
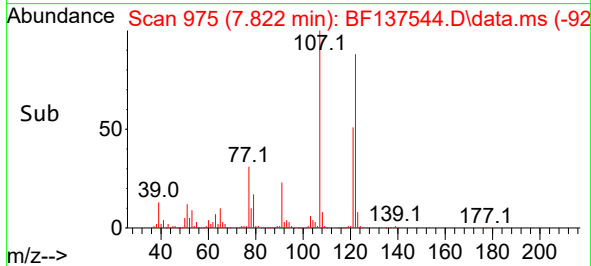
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:122 Resp: 453120
Ion Ratio Lower Upper
122 100
107 113.4 90.9 136.3
121 57.8 47.0 70.6

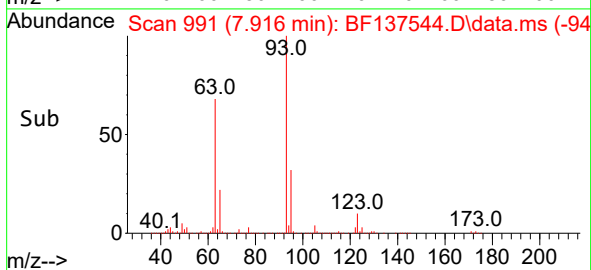
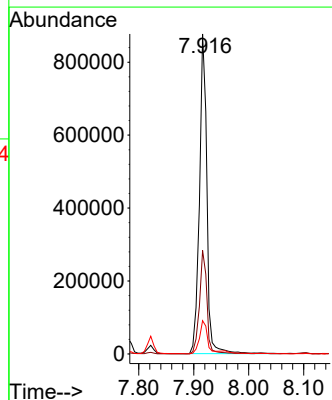
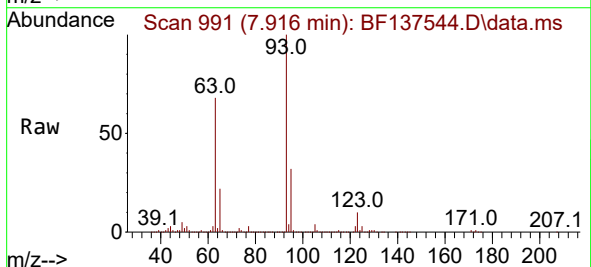
Manual Integrations
APPROVED

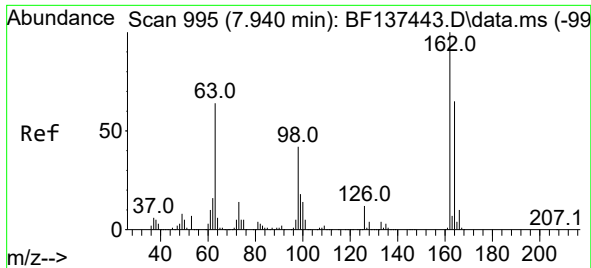
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.996 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion: 93 Resp: 827868
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.337 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

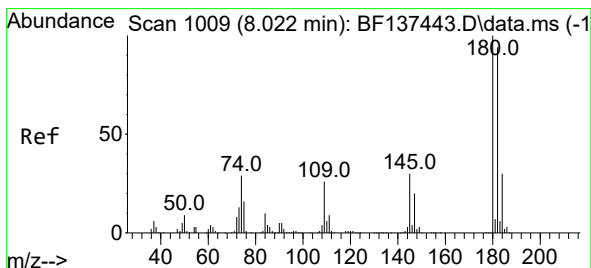
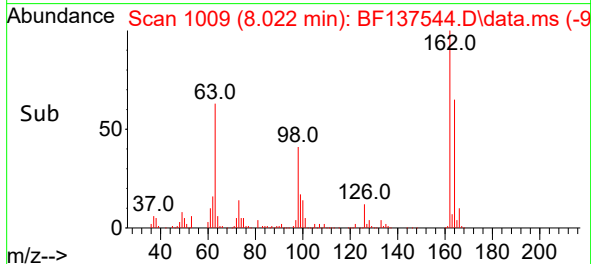
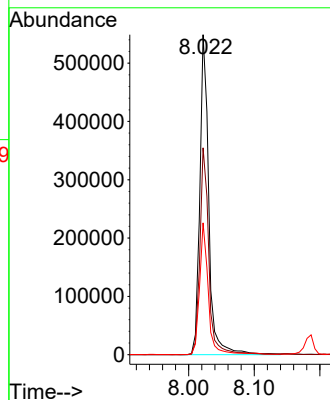
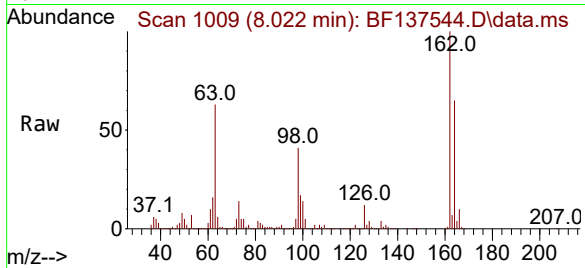
Tgt Ion:162 Resp: 52457
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.7 84.7
 98 41.2 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.317 ng

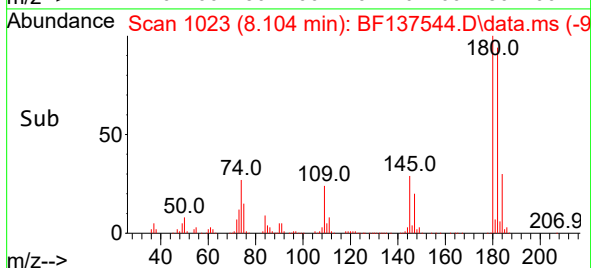
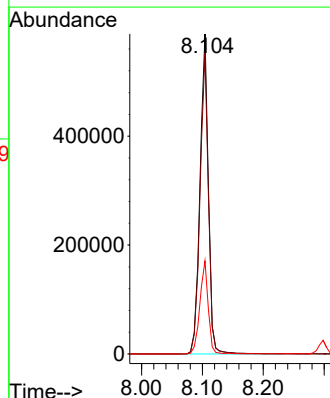
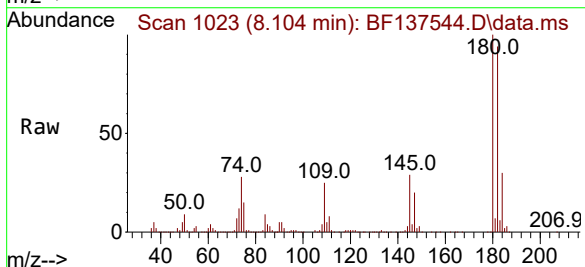
RT: 8.104 min Scan# 1023

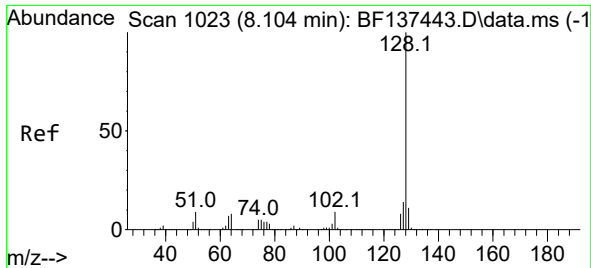
Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

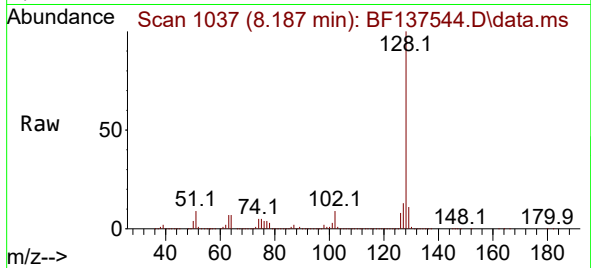
Tgt Ion:180 Resp: 564806
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.0 112.6
 145 29.1 23.7 35.5





#31
Naphthalene
Concen: 47.129 ng
RT: 8.187 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

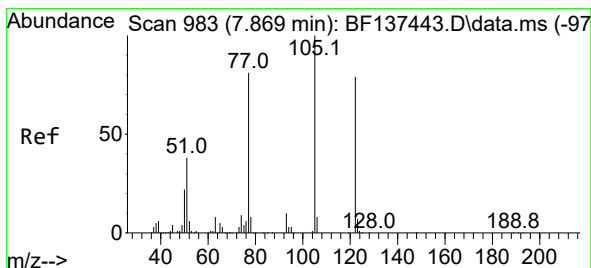
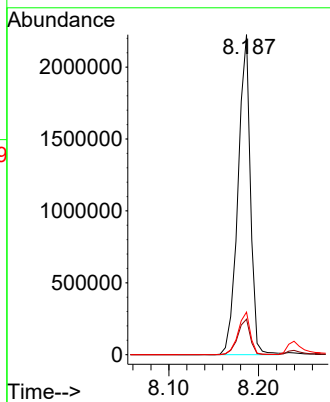
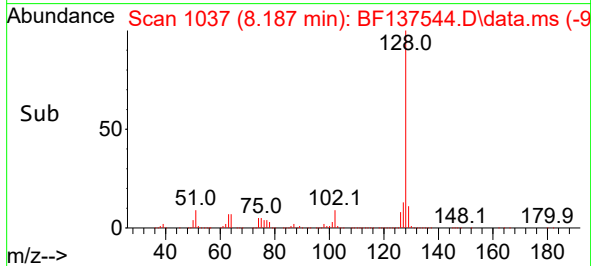
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:128 Resp: 2128479
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.8 16.2

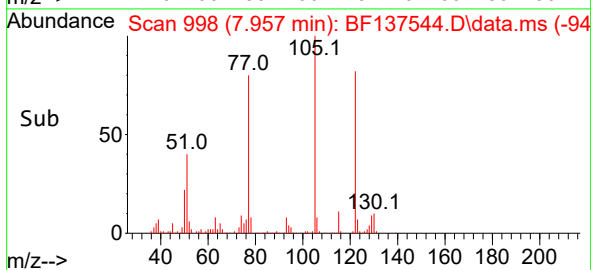
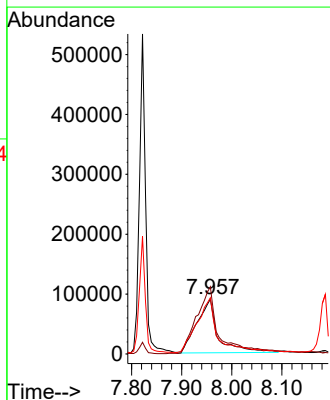
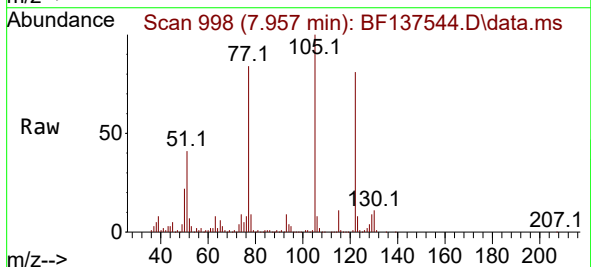
Manual Integrations
APPROVED

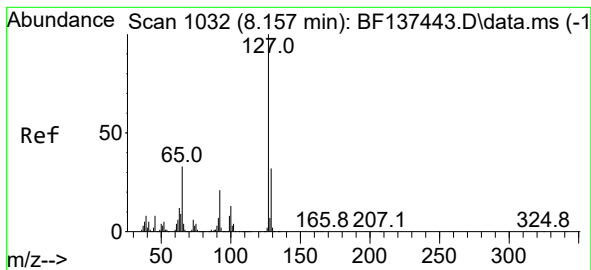
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#32
Benzoic acid
Concen: 35.796 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:122 Resp: 263969
Ion Ratio Lower Upper
122 100
105 122.7 102.4 142.4
77 102.6 81.1 121.1





#33
4-Chloroaniline
Concen: 7.046 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

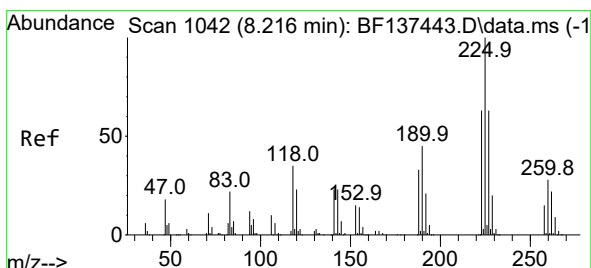
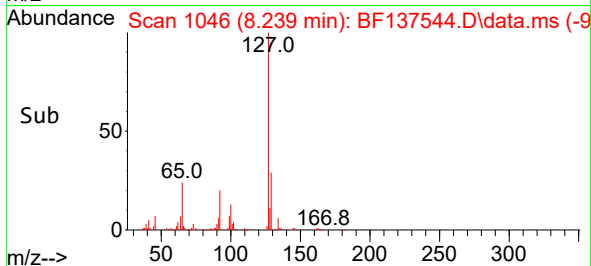
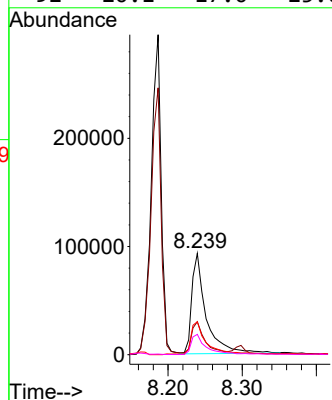
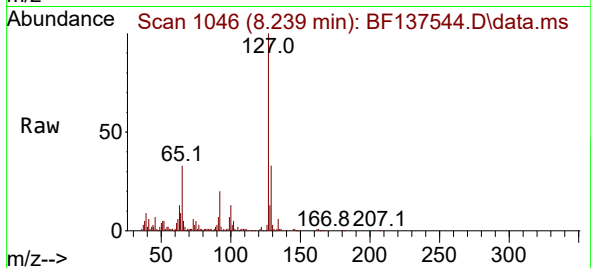
TP-2BMS

Tgt Ion:127 Resp: 12478
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.5 26.8 40.2
92 20.1 17.0 25.6

Manual Integrations

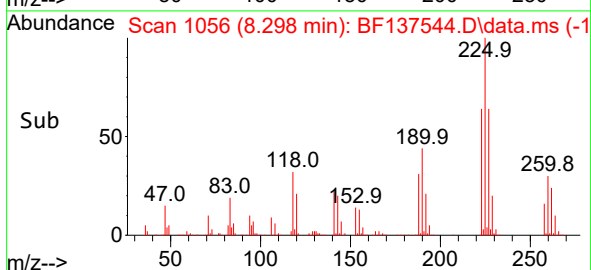
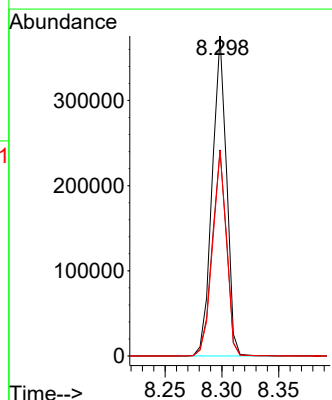
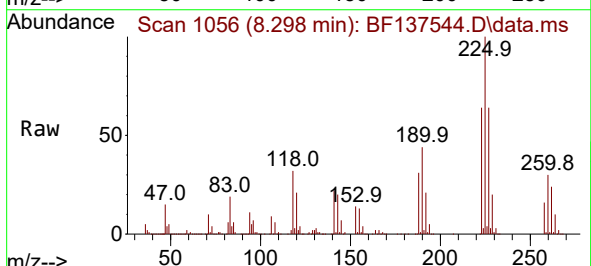
APPROVED

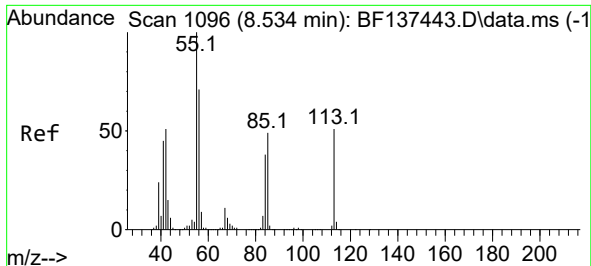
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#34
Hexachlorobutadiene
Concen: 42.753 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

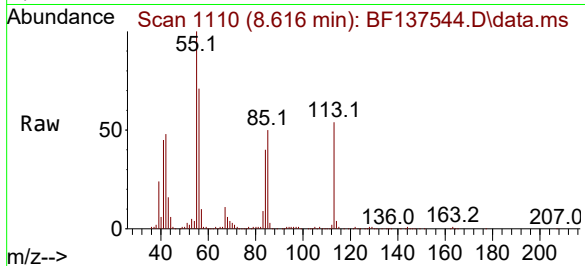
Tgt Ion:225 Resp: 329108
Ion Ratio Lower Upper
225 100
223 64.4 50.7 76.1
227 64.2 50.6 75.8





#35
 Caprolactam
 Concen: 42.959 ng m
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

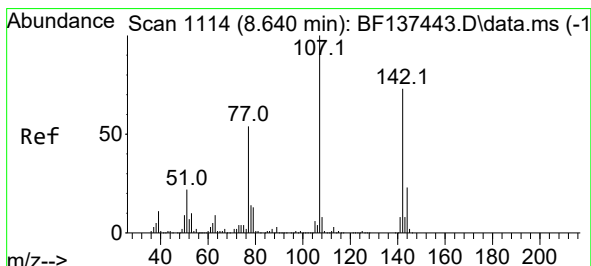
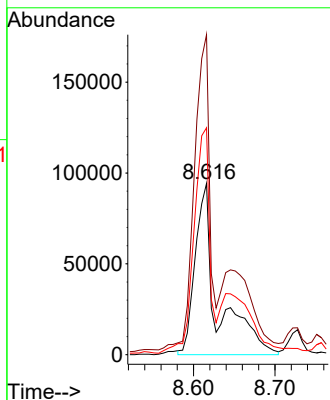
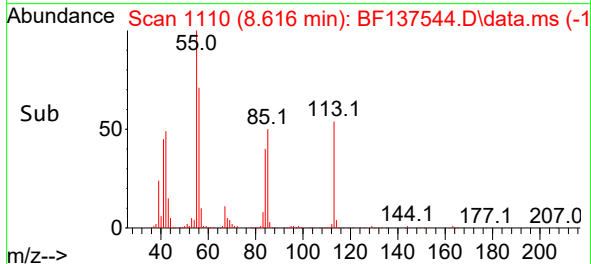
Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMS



Tgt Ion:113 Resp: 18048
 Ion Ratio Lower Upper
 113 100
 55 186.9 176.7 216.7
 56 132.5 120.6 160.6

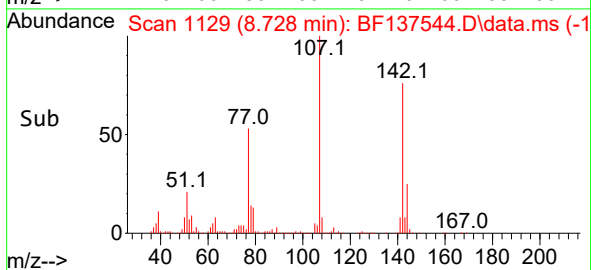
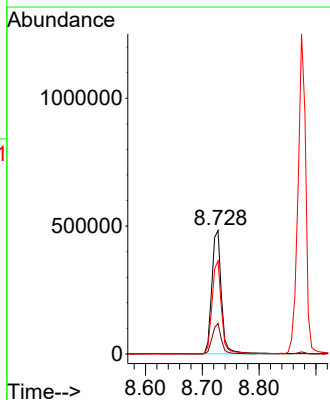
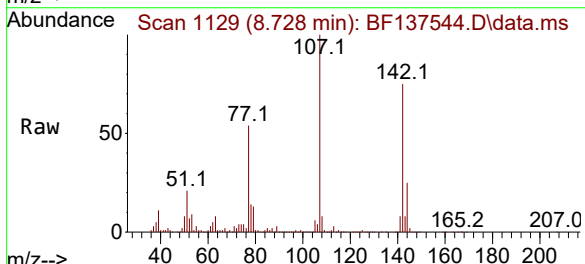
Manual Integrations
 APPROVED

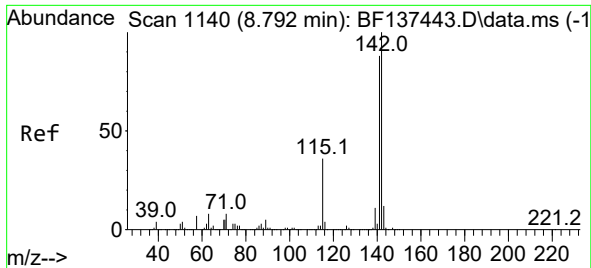
Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024



#36
 4-Chloro-3-methylphenol
 Concen: 40.793 ng
 RT: 8.728 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

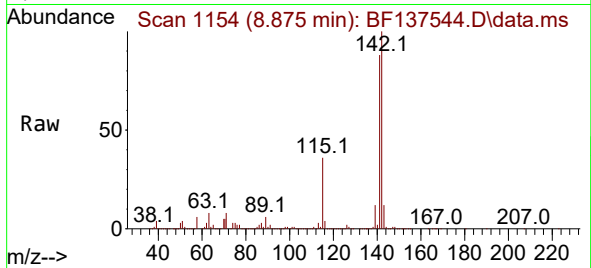
Tgt Ion:107 Resp: 564982
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.7 28.1
 142 75.4 58.2 87.2





#37
2-Methylnaphthalene
Concen: 41.087 ng
RT: 8.875 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

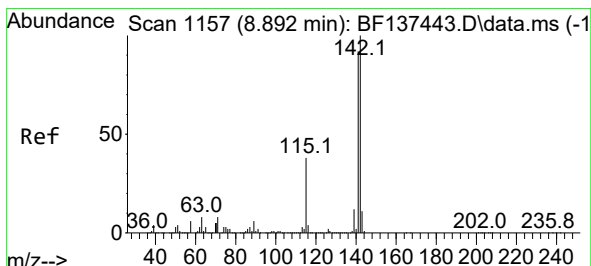
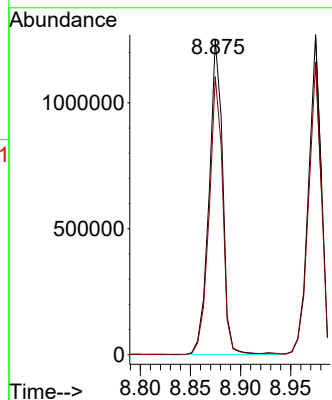
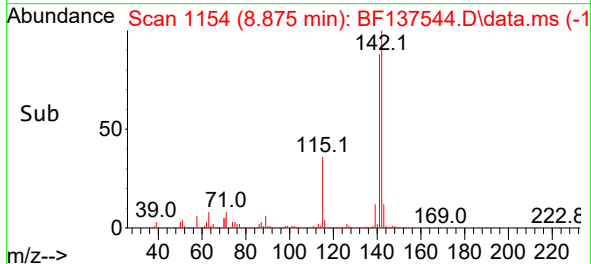
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:142 Resp: 118293
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6

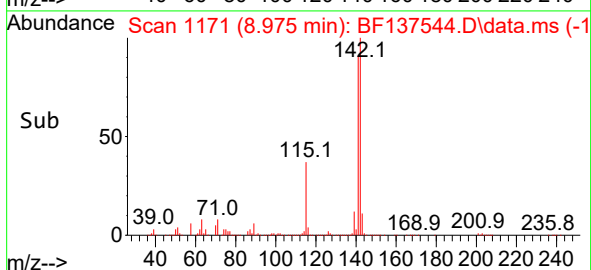
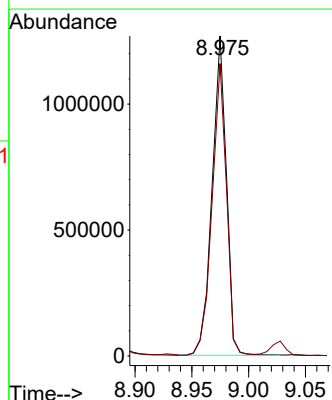
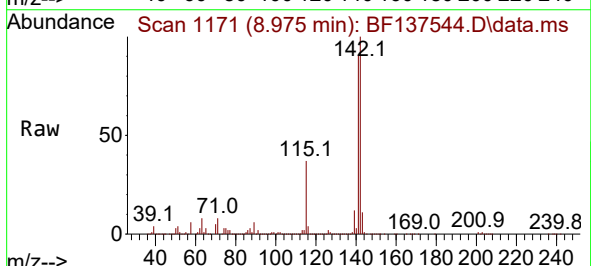
Manual Integrations
APPROVED

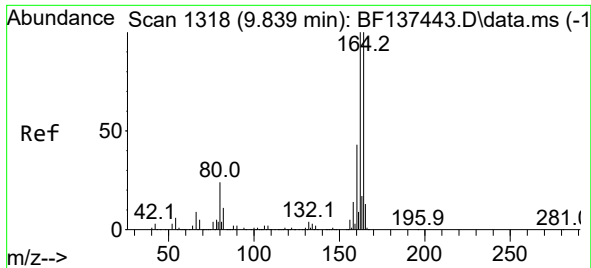
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#38
1-Methylnaphthalene
Concen: 40.901 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

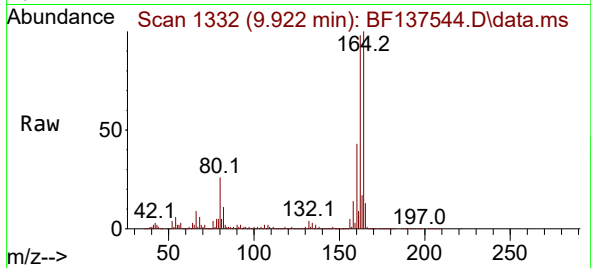
Tgt Ion:142 Resp: 1108968
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

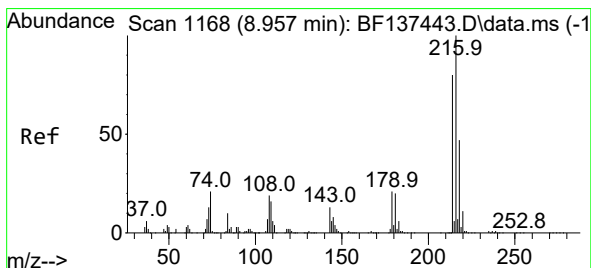
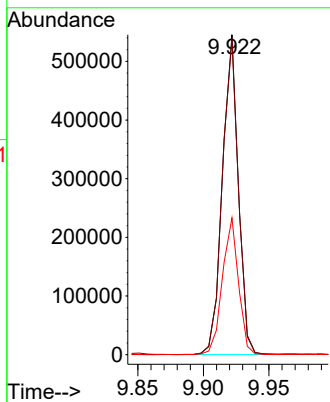
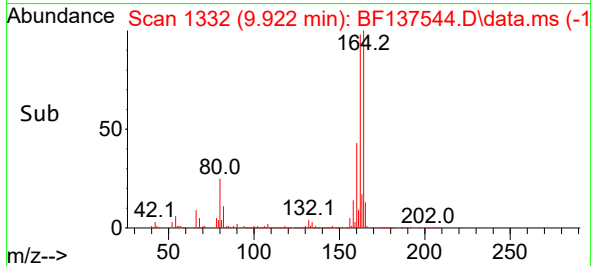
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:164 Resp: 458370
Ion Ratio Lower Upper
164 100
162 98.5 79.8 119.8
160 42.8 34.4 51.6

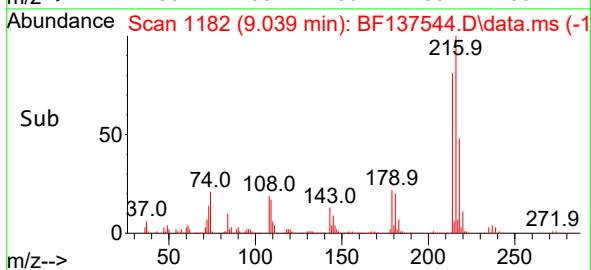
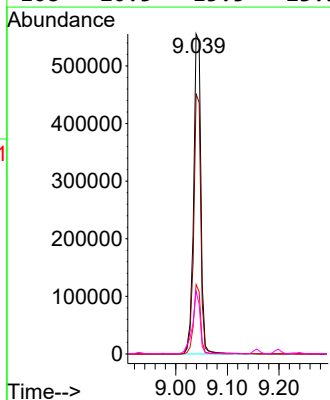
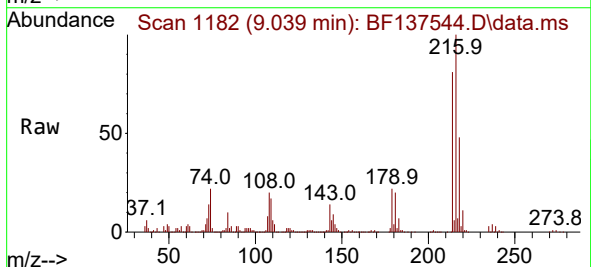
Manual Integrations
APPROVED

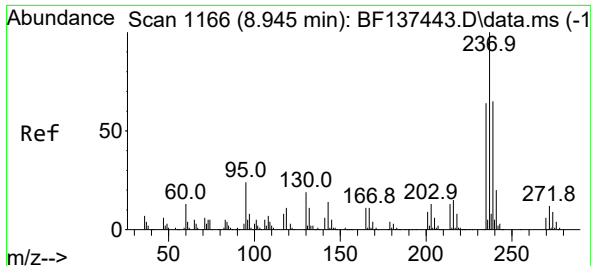
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.267 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

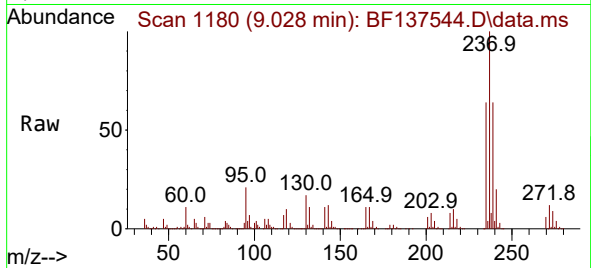
Tgt Ion:216 Resp: 540882
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.6 16.6 25.0
108 20.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 84.773 ng
RT: 9.028 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

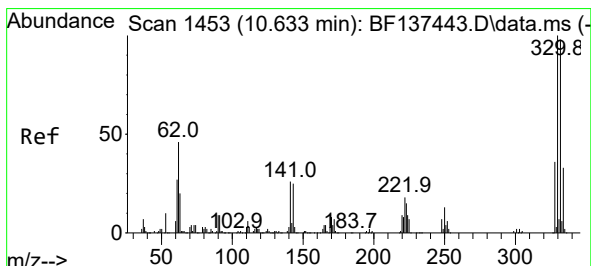
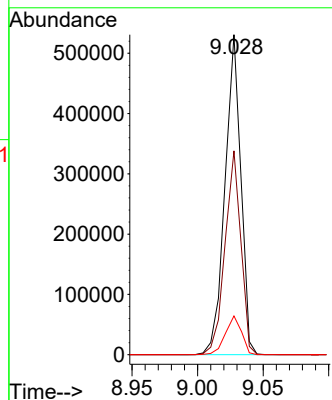
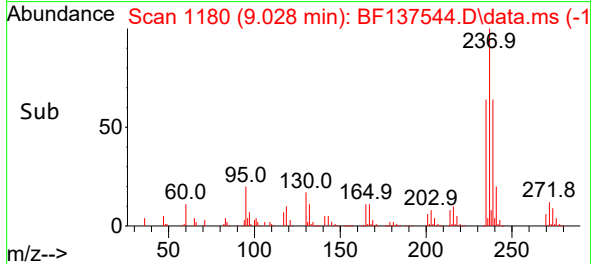
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



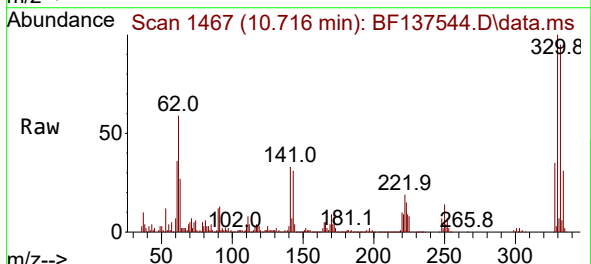
Tgt Ion: 237 Resp: 445569
Ion Ratio Lower Upper
237 100
235 63.7 43.6 83.6
272 12.1 0.0 31.9

Manual Integrations
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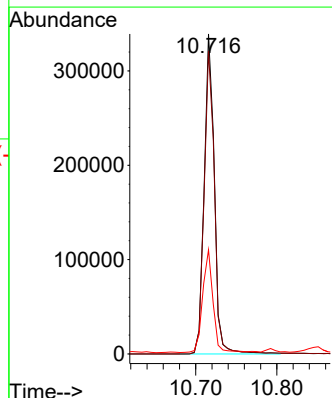
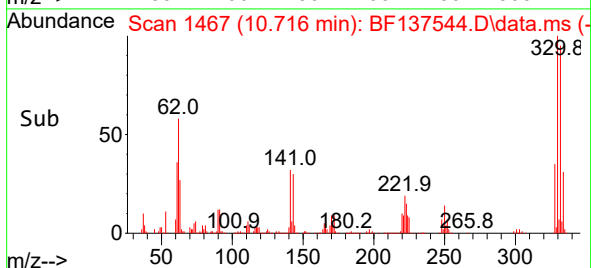
Reviewed By : Yogesh Patel 03/09/2024
Supervised By : mohammad ahmed 03/09/2024

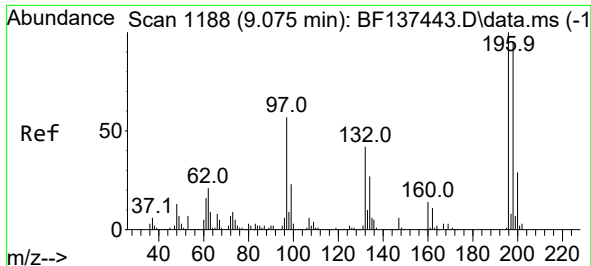


#42
2,4,6-Tribromophenol
Concen: 73.421 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion: 330 Resp: 295544
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 32.8 27.3 40.9





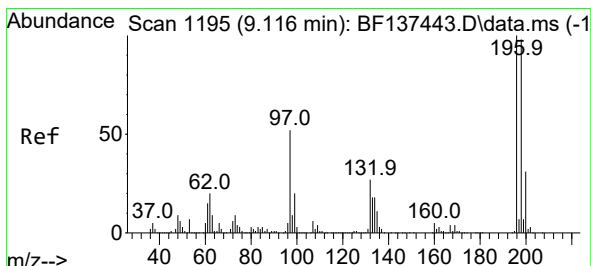
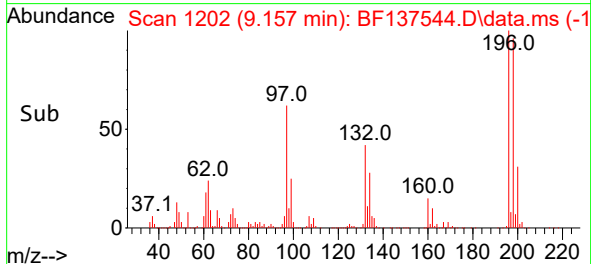
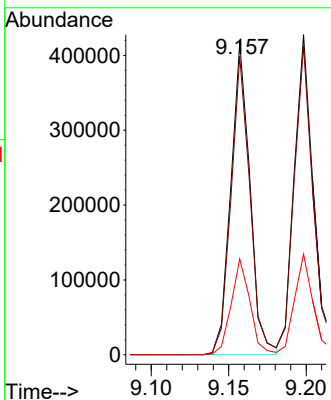
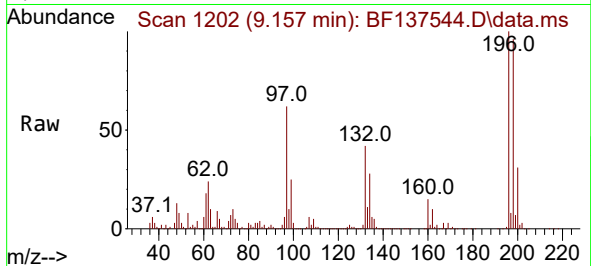
#43
 2,4,6-Trichlorophenol
 Concen: 42.891 ng
 RT: 9.157 min Scan# 1188
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMS

Tgt Ion:196 Resp: 357419
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.8
 200 30.6 23.5 35.3

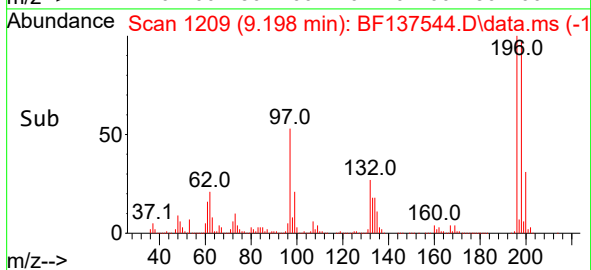
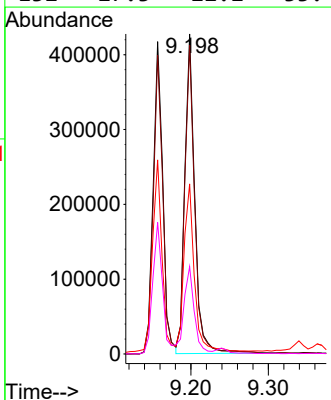
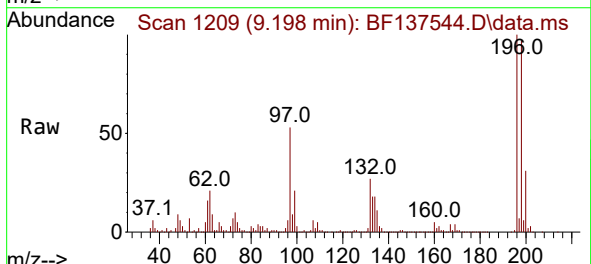
Manual Integrations
 APPROVED

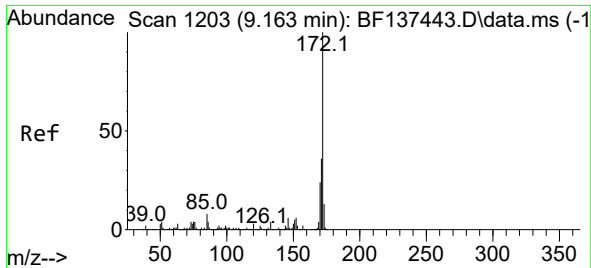
Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024



#44
 2,4,5-Trichlorophenol
 Concen: 39.896 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

Tgt Ion:196 Resp: 382987
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.6 117.8
 97 53.1 41.8 62.8
 132 27.3 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 46.520 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

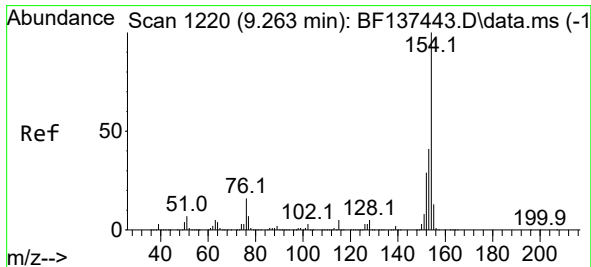
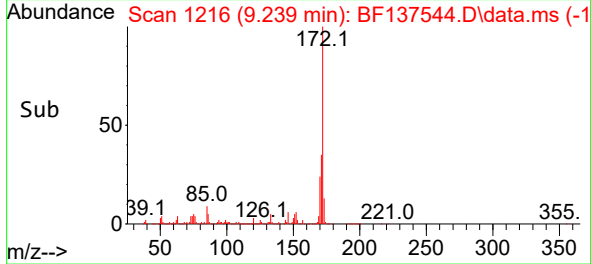
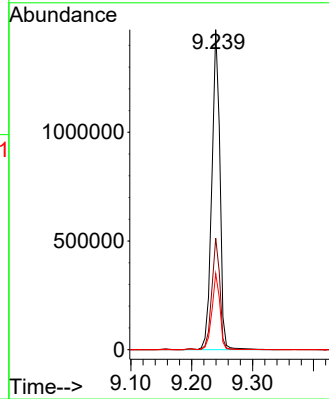
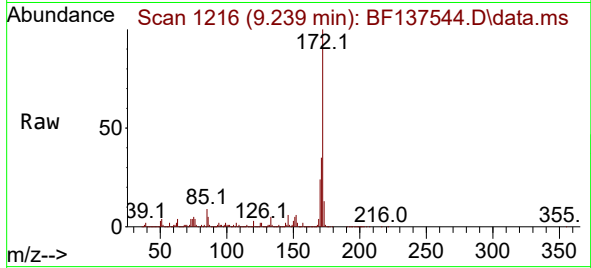
Tgt Ion:172 Resp: 1362225
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.8 19.0 28.6

Manual Integrations

APPROVED

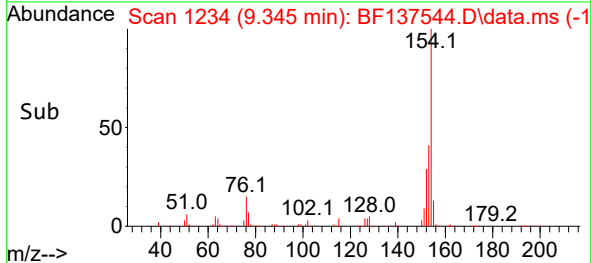
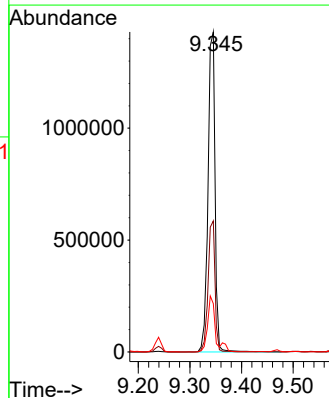
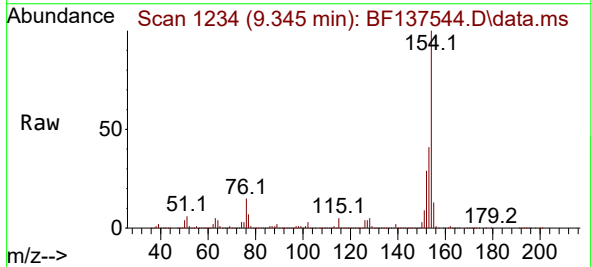
Reviewed By :Yogesh Patel 03/09/2024

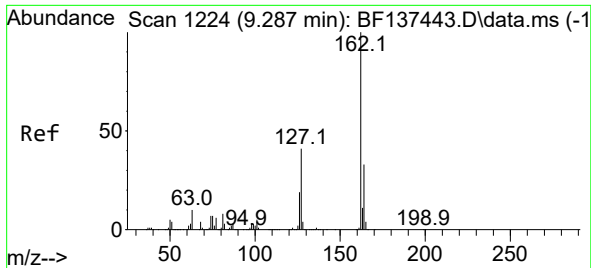
Supervised By :mohammad ahmed 03/09/2024



#46
1,1'-Biphenyl
Concen: 40.363 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

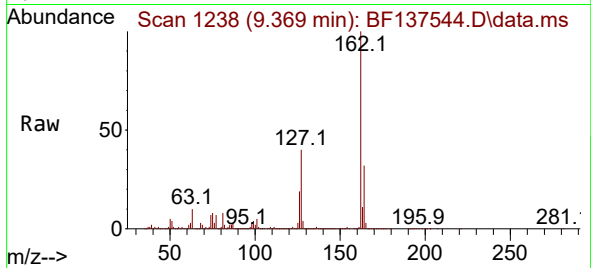
Tgt Ion:154 Resp: 1354155
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 15.1 0.0 35.8





#47
2-Chloronaphthalene
Concen: 41.593 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

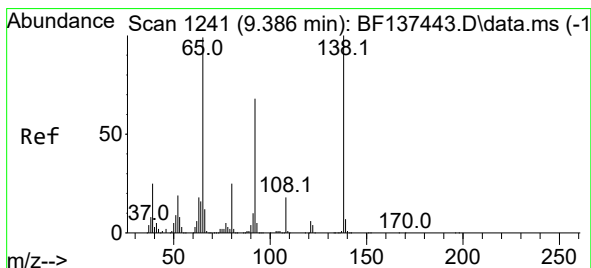
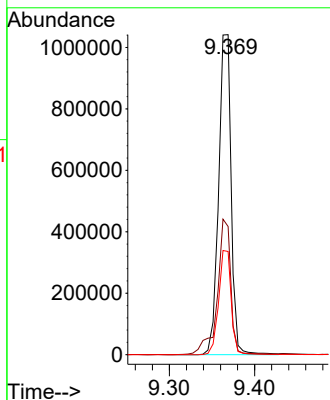
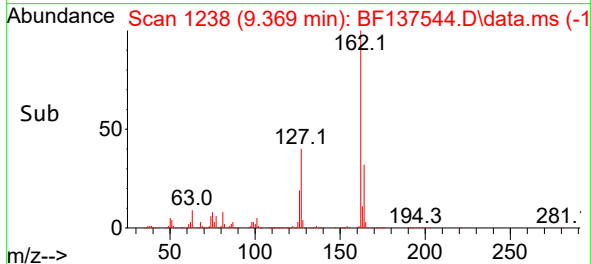
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



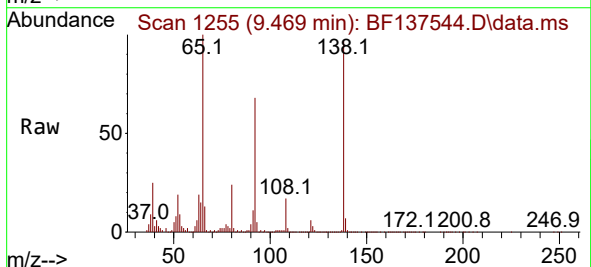
Tgt Ion:162 Resp: 106387
Ion Ratio Lower Upper
162 100
127 40.1 32.6 49.0
164 32.3 26.5 39.7

Manual Integrations
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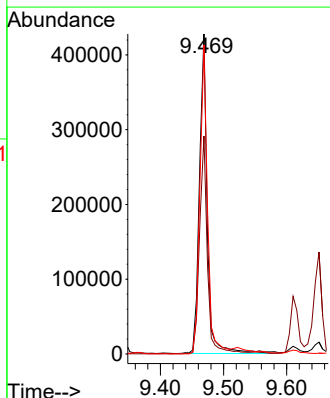
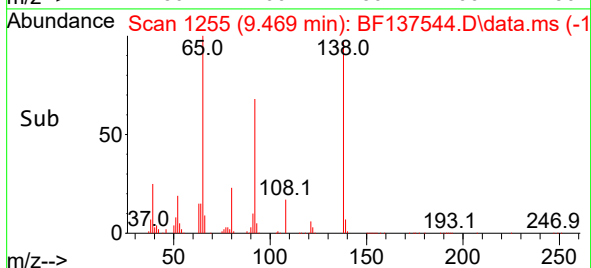
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

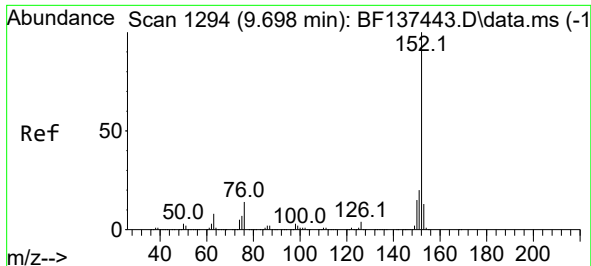


#48
2-Nitroaniline
Concen: 42.692 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion: 65 Resp: 371161
Ion Ratio Lower Upper
65 100
92 68.1 55.4 83.2
138 96.6 81.0 121.6





#49

Acenaphthylene

Concen: 41.385 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion:152 Resp: 1694060

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

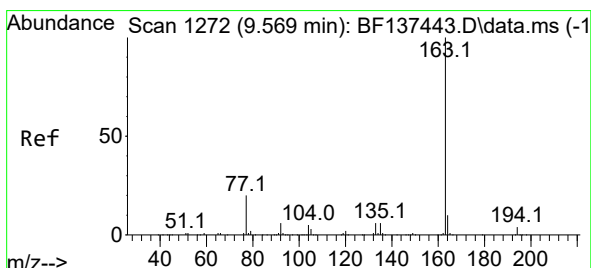
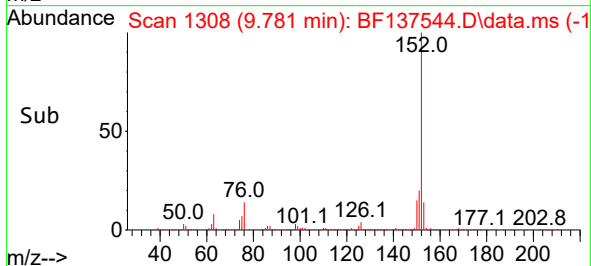
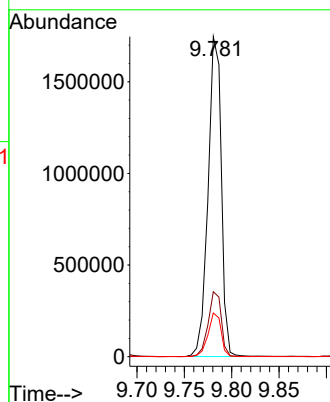
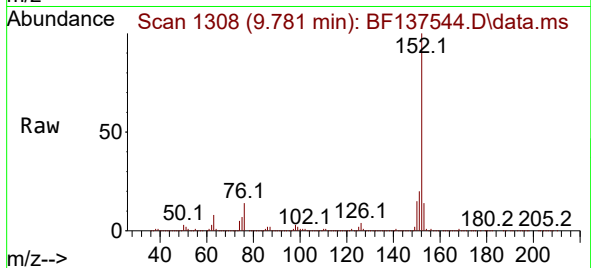
153 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#50

Dimethylphthalate

Concen: 39.171 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

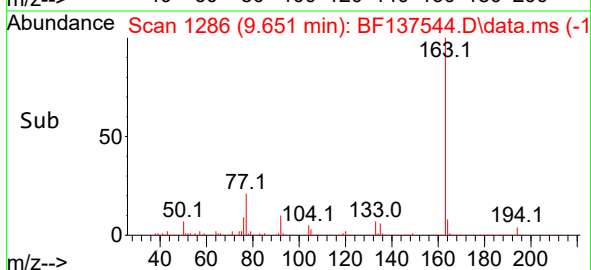
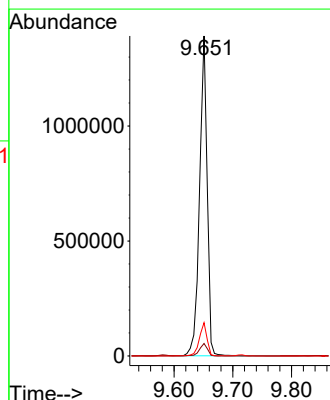
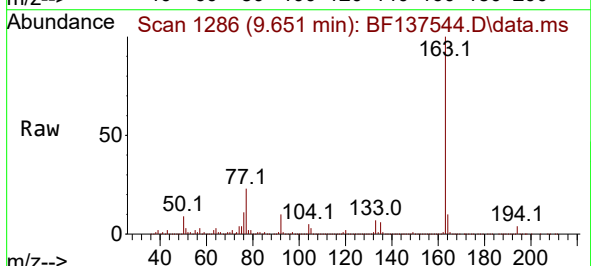
Tgt Ion:163 Resp: 1249895

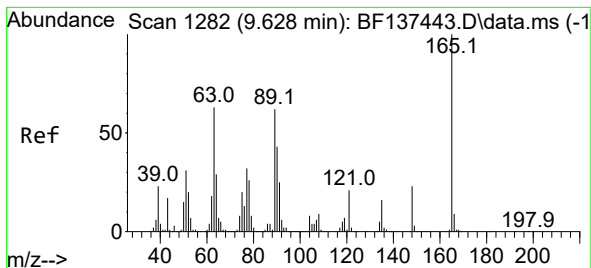
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

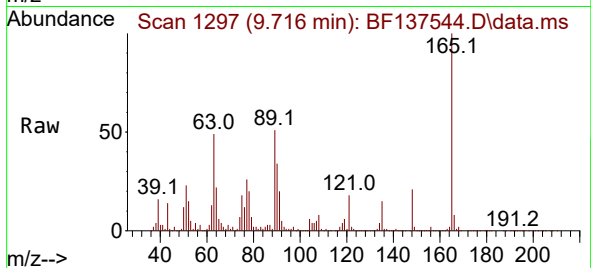
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.116 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

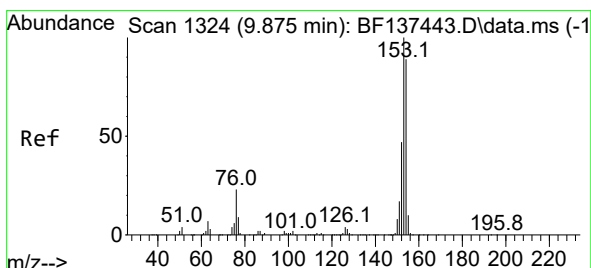
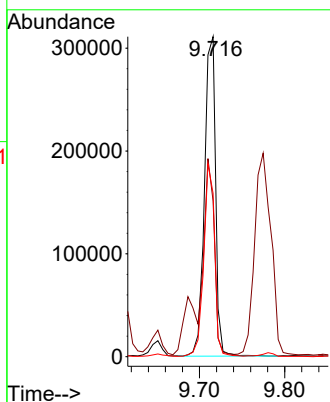
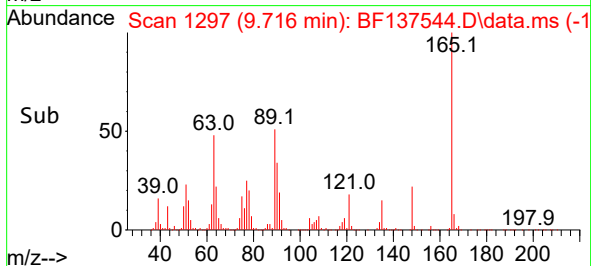
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:165 Resp: 281082
Ion Ratio Lower Upper
165 100
63 48.7 50.7 76.1
89 51.0 50.0 75.0

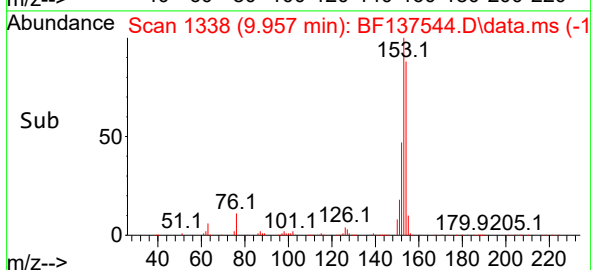
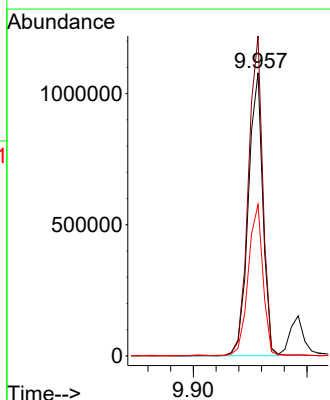
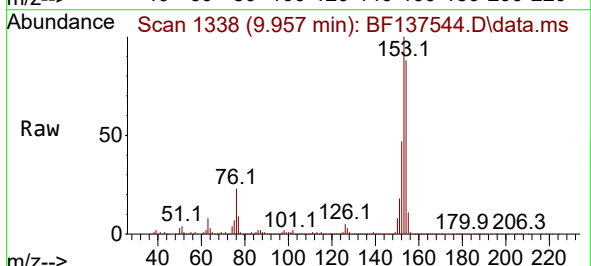
Manual Integrations
APPROVED

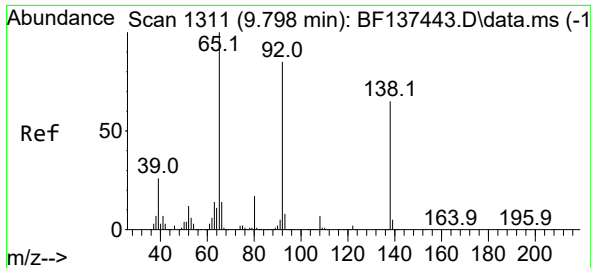
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#52
Acenaphthene
Concen: 39.395 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:154 Resp: 962747
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 53.5 42.7 64.1





#53
3-Nitroaniline
Concen: 18.257 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

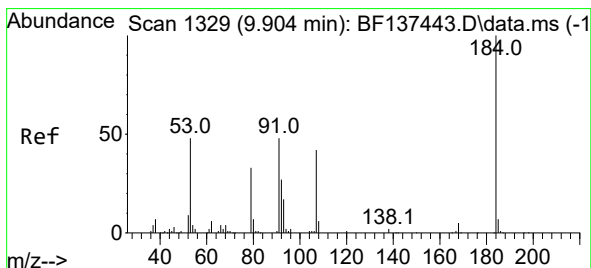
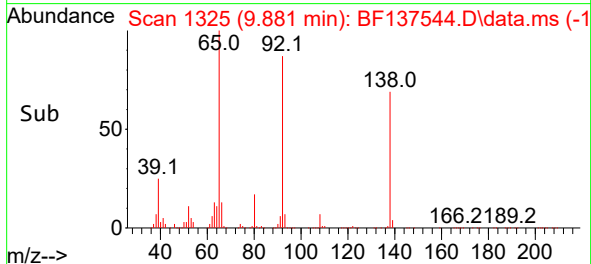
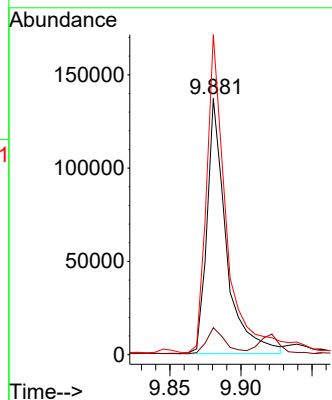
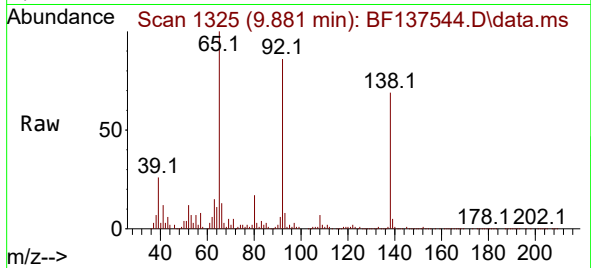
TP-2BMS

Tgt Ion:138 Resp: 128879
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 124.9 104.6 157.0

Manual Integrations

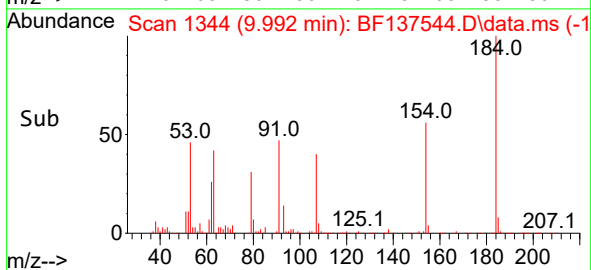
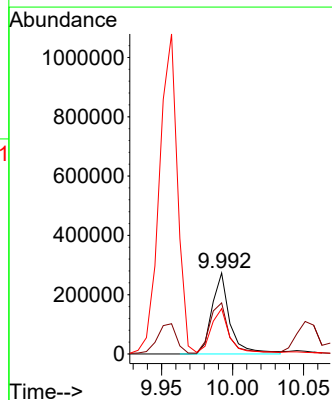
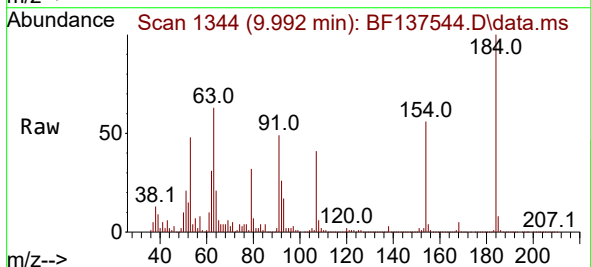
APPROVED

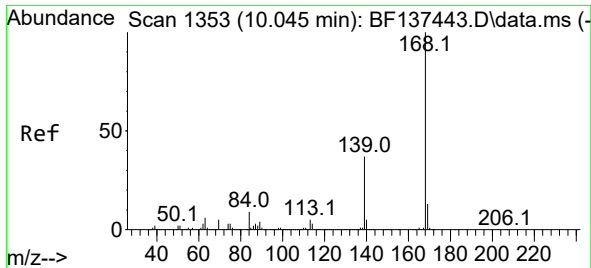
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#54
2,4-Dinitrophenol
Concen: 74.419 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

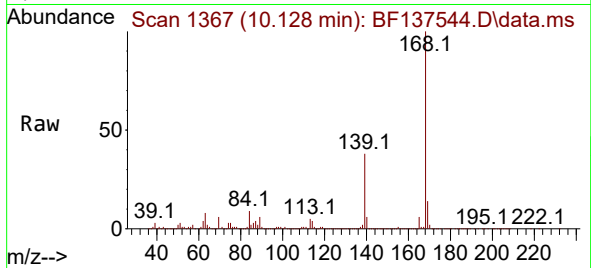
Tgt Ion:184 Resp: 240165
Ion Ratio Lower Upper
184 100
63 63.2 53.3 79.9
154 56.1 47.4 71.0





#55
Dibenzenofuran
Concen: 38.702 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

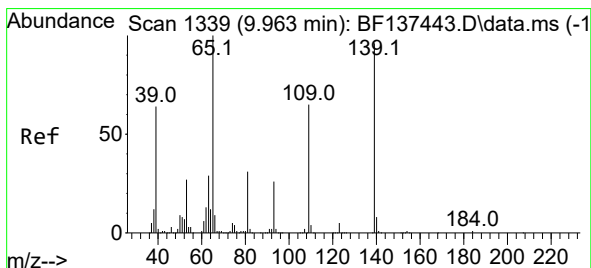
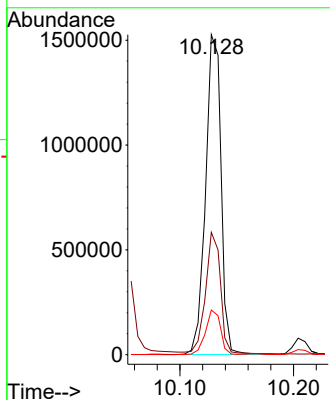
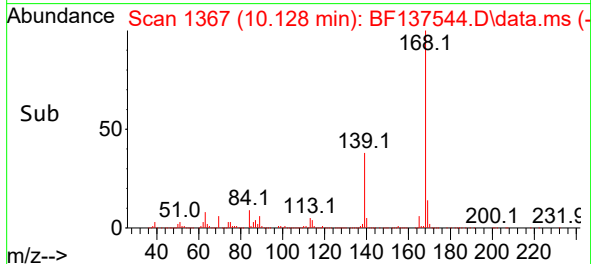
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:168 Resp: 144053
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 14.0 10.8 16.2

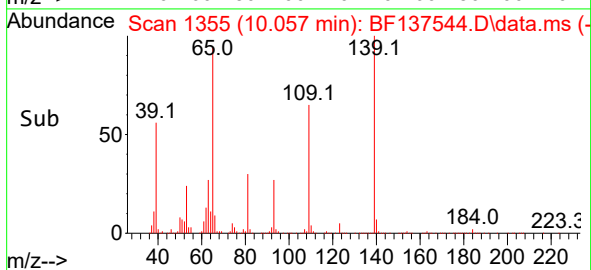
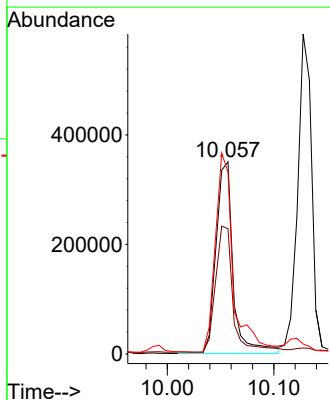
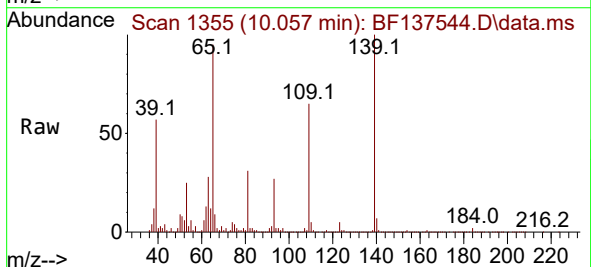
Manual Integrations
APPROVED

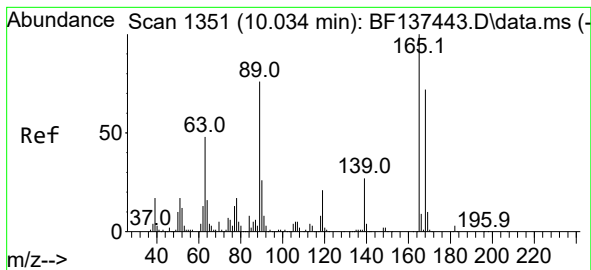
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#56
4-Nitrophenol
Concen: 78.086 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

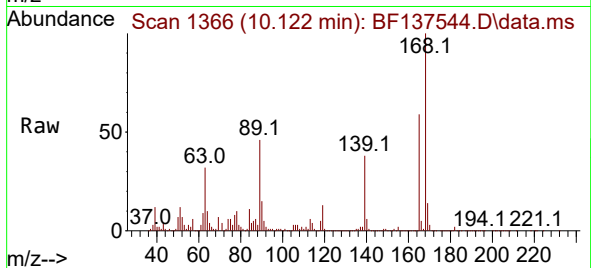
Tgt Ion:139 Resp: 391600
Ion Ratio Lower Upper
139 100
109 65.2 47.1 87.1
65 94.7 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 41.564 ng
RT: 10.122 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

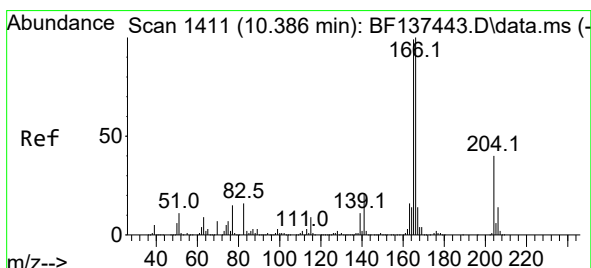
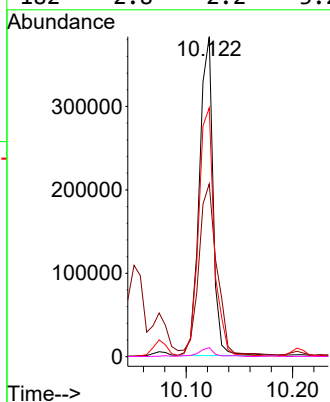
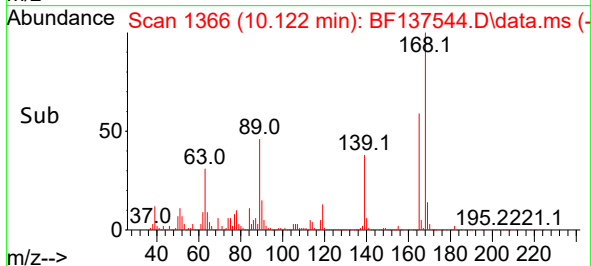
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:165 Resp: 34080
Ion Ratio Lower Upper
165 100
63 54.0 39.0 58.6
89 77.7 60.9 91.3
182 2.8 2.2 3.2

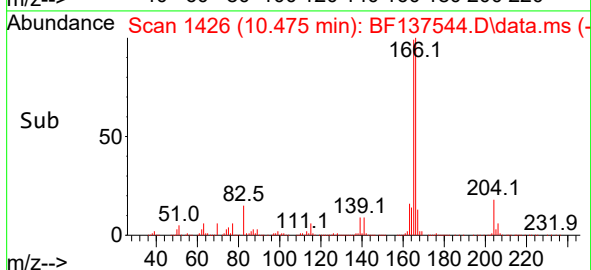
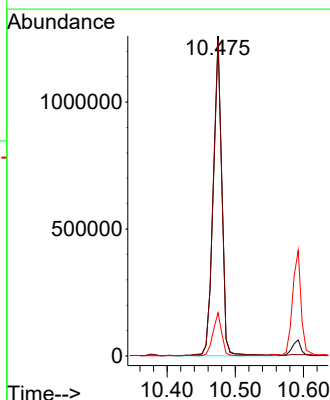
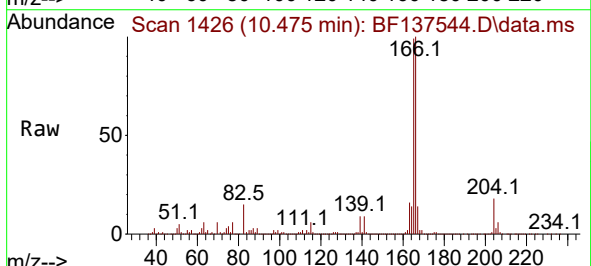
Manual Integrations
APPROVED

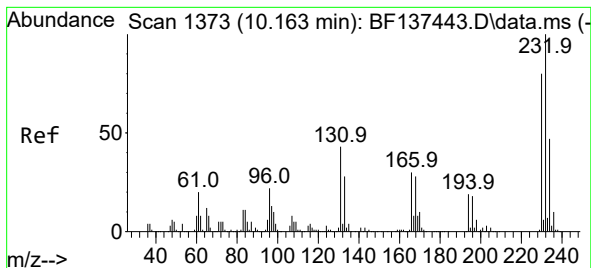
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#58
Fluorene
Concen: 38.655 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

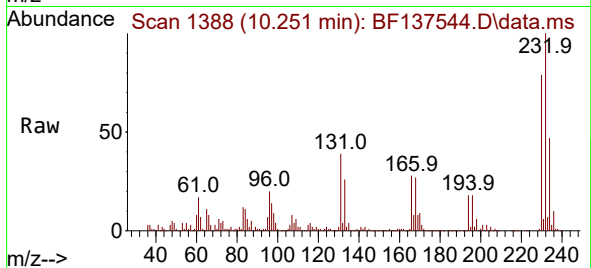
Tgt Ion:166 Resp: 1104969
Ion Ratio Lower Upper
166 100
165 98.8 79.2 118.8
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.298 ng
RT: 10.251 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

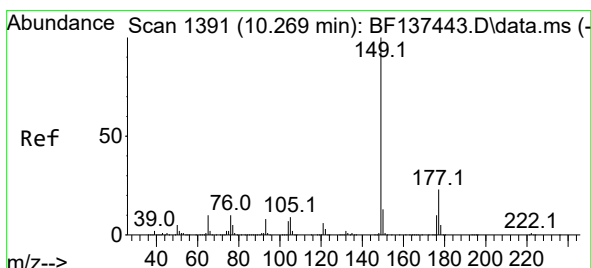
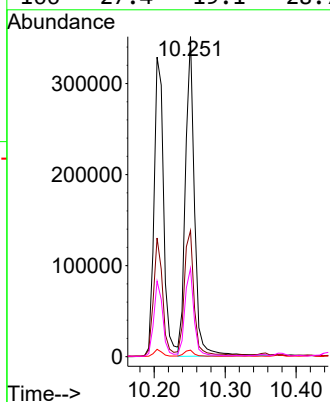
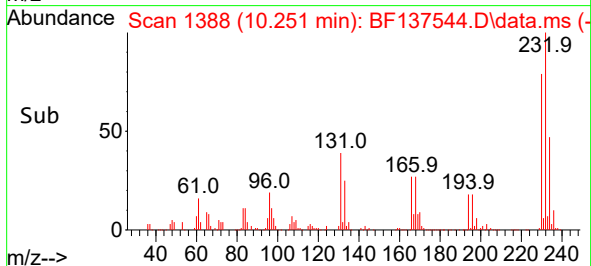
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



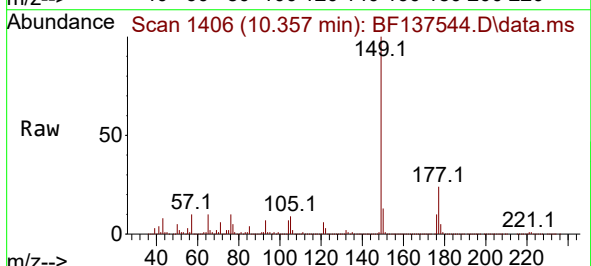
Tgt Ion:232 Resp: 31021
Ion Ratio Lower Upper
232 100
131 42.0 31.2 46.8
130 2.1 1.8 2.6
166 27.4 19.1 28.7

Manual Integrations
APPROVED

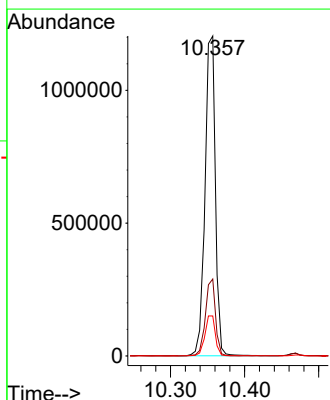
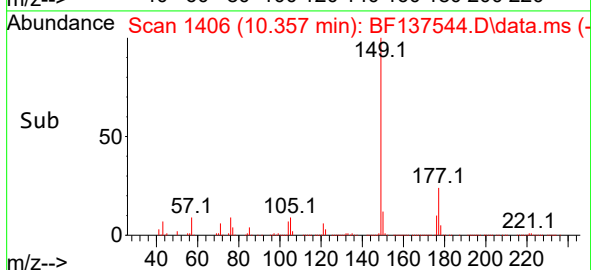
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

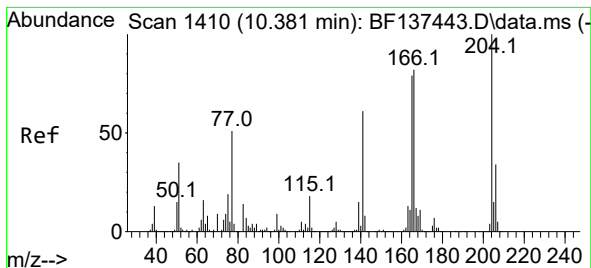


#60
Diethylphthalate
Concen: 39.040 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



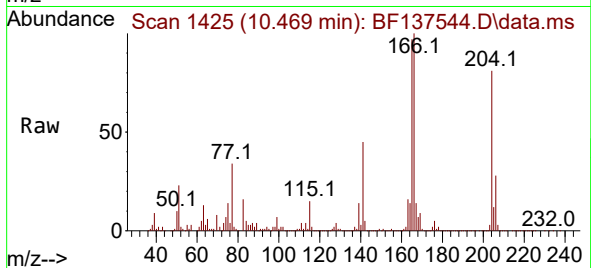
Tgt Ion:149 Resp: 1176346
Ion Ratio Lower Upper
149 100
177 24.0 18.7 28.1
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.824 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

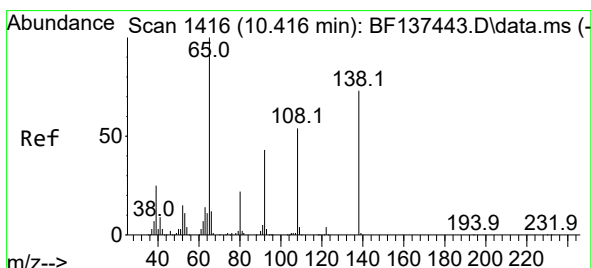
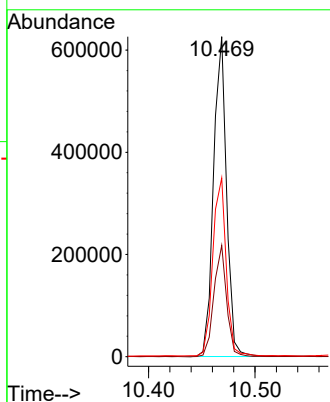
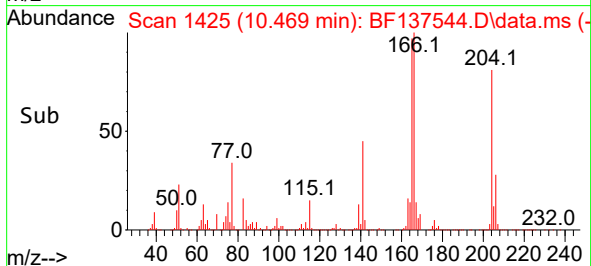
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



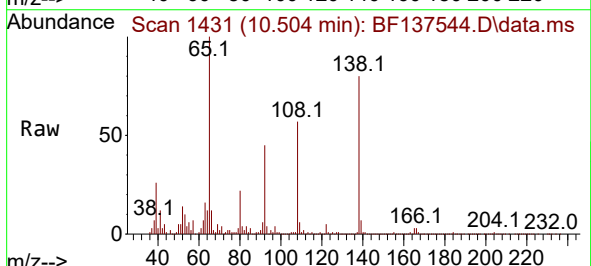
Tgt Ion:204 Resp: 52988
Ion Ratio Lower Upper
204 100
206 34.8 27.4 41.0
141 55.9 48.4 72.6

Manual Integrations
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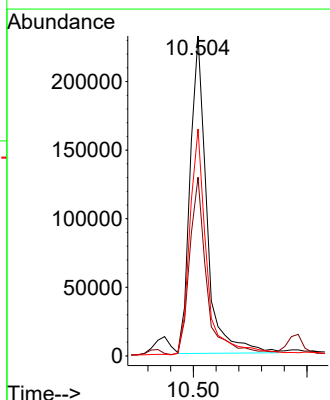
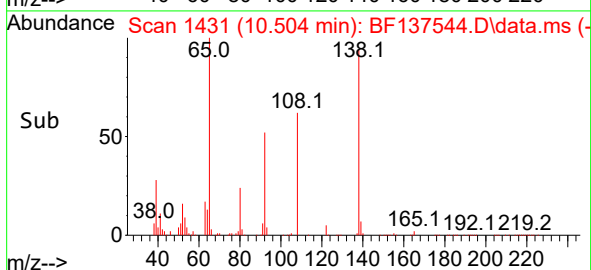
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

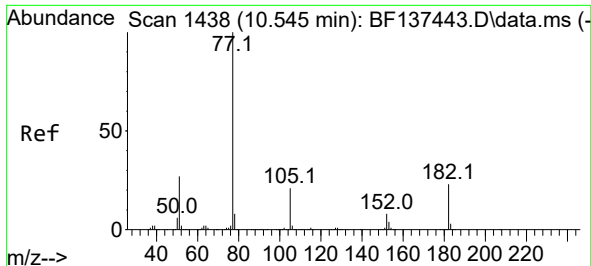


#62
4-Nitroaniline
Concen: 38.786 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



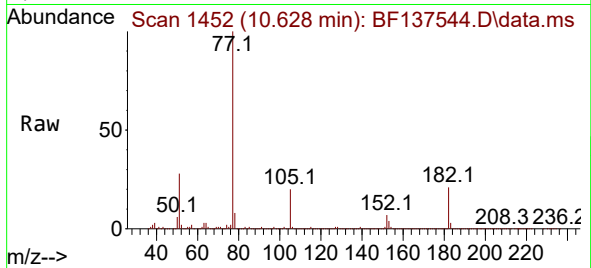
Tgt Ion:138 Resp: 235330
Ion Ratio Lower Upper
138 100
92 55.8 37.9 77.9
108 70.9 53.2 93.2





#63
Azobenzene
Concen: 38.919 ng
RT: 10.628 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

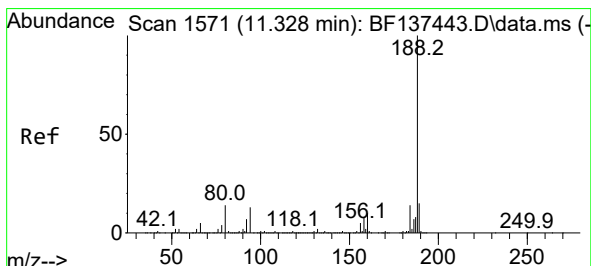
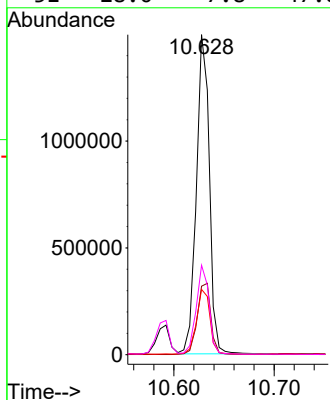
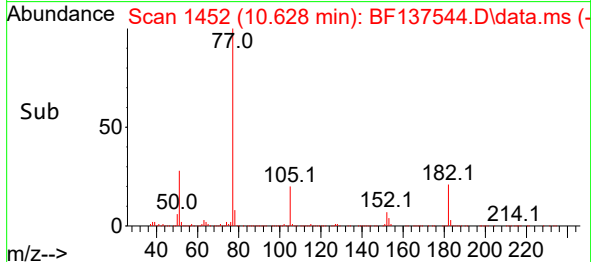
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



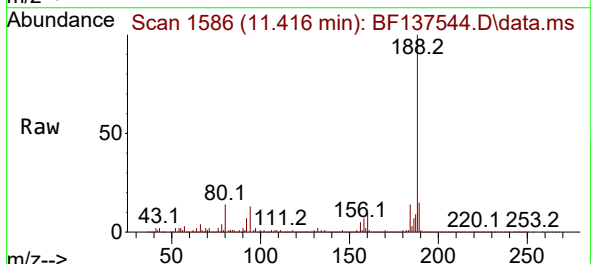
Tgt Ion: 77 Resp: 1350348
Ion Ratio Lower Upper
77 100
182 21.4 3.2 43.2
105 20.4 1.2 41.2
51 28.0 7.8 47.8

Manual Integrations
APPROVED

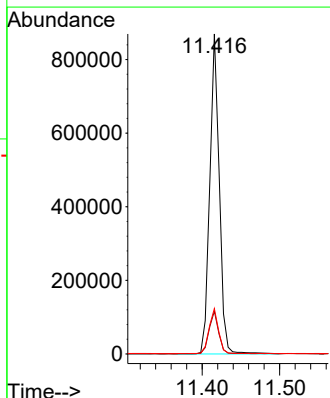
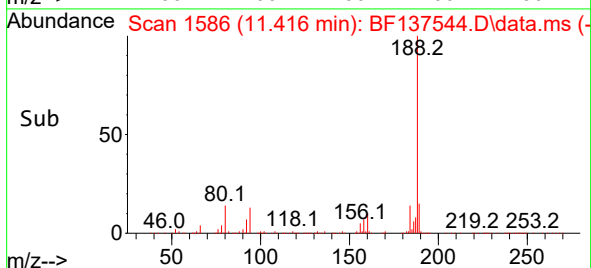
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

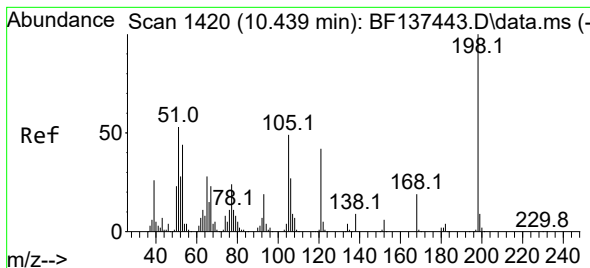


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:188 Resp: 741015
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.2 11.5 17.3





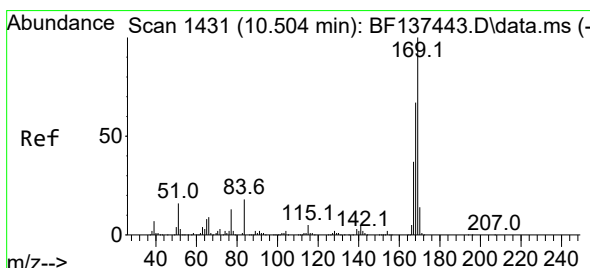
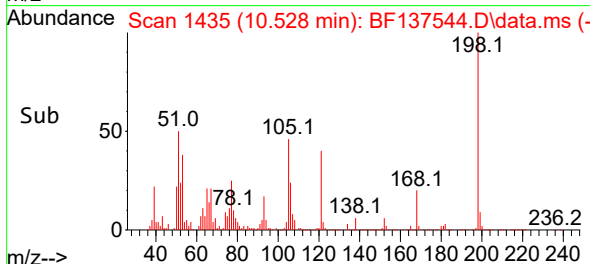
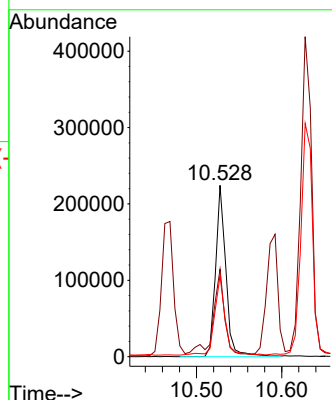
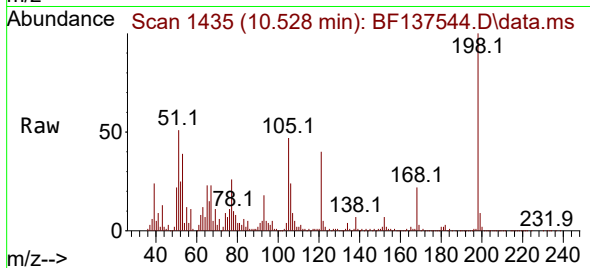
#65
4,6-Dinitro-2-methylphenol
Concen: 45.809 ng
RT: 10.528 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion:198 Resp: 189192
Ion Ratio Lower Upper
198 100
51 51.1 37.2 77.2
105 47.1 29.2 69.2

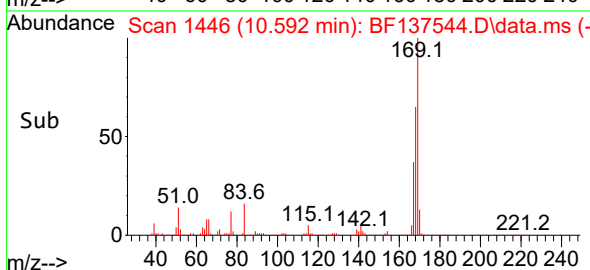
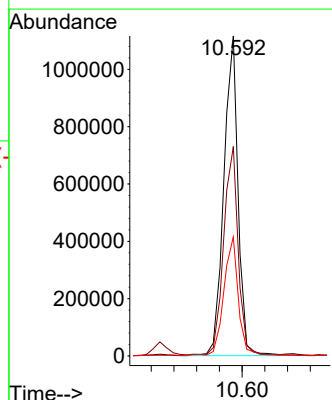
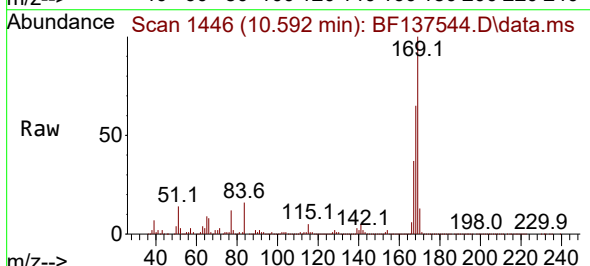
Manual Integrations
APPROVED

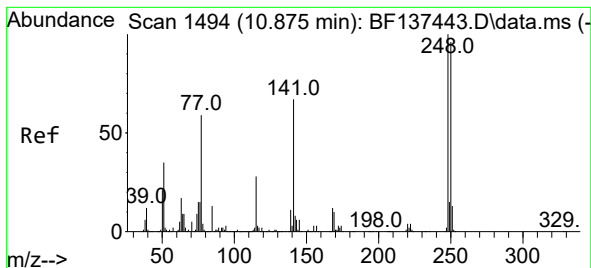
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#66
n-Nitrosodiphenylamine
Concen: 40.806 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

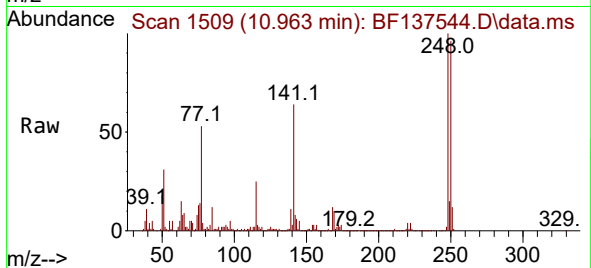
Tgt Ion:169 Resp: 973689
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 37.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.705 ng
RT: 10.963 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

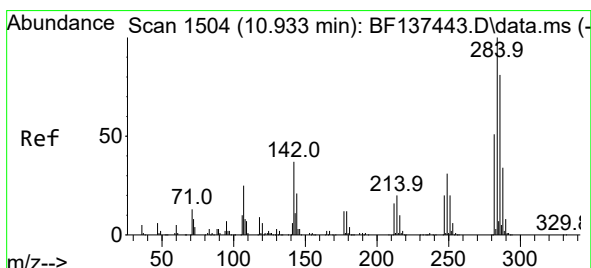
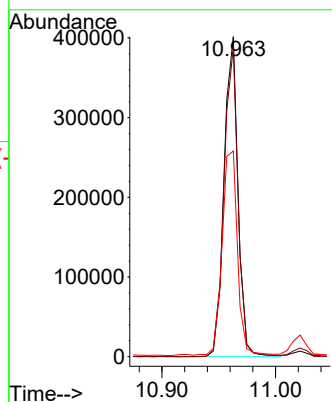
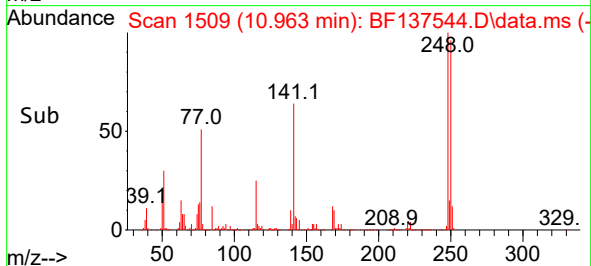
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



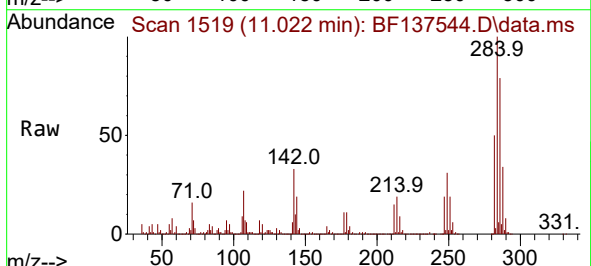
Tgt Ion:248 Resp: 344672
Ion Ratio Lower Upper
248 100
250 96.5 76.8 115.2
141 64.3 53.4 80.0

Manual Integrations
APPROVED

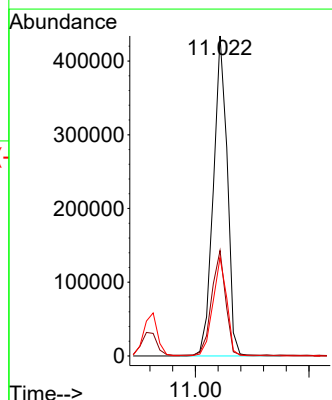
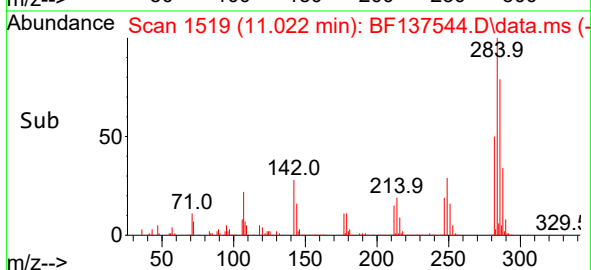
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

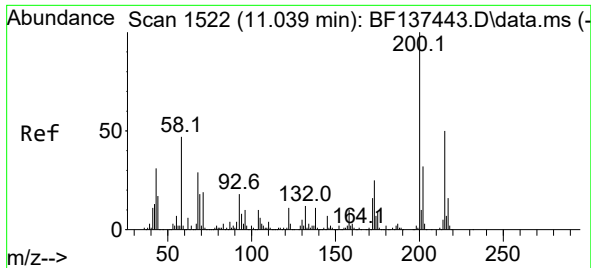


#68
Hexachlorobenzene
Concen: 45.046 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



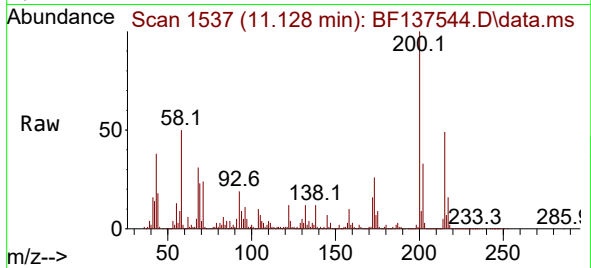
Tgt Ion:284 Resp: 367207
Ion Ratio Lower Upper
284 100
142 33.0 29.4 44.0
249 30.8 25.0 37.4





#69
 Atrazine
 Concen: 44.603 ng
 RT: 11.128 min Scan# 1153
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41

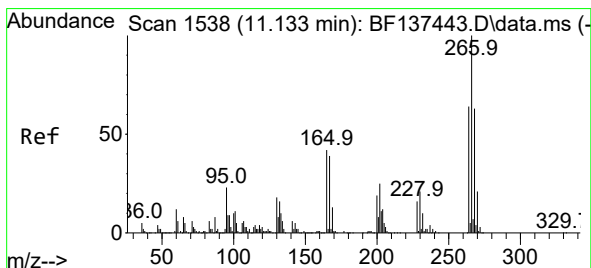
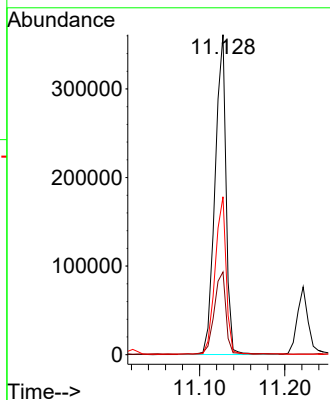
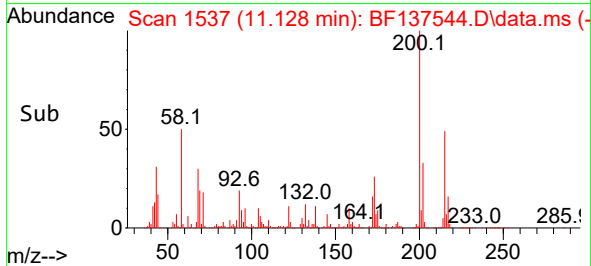
Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMS



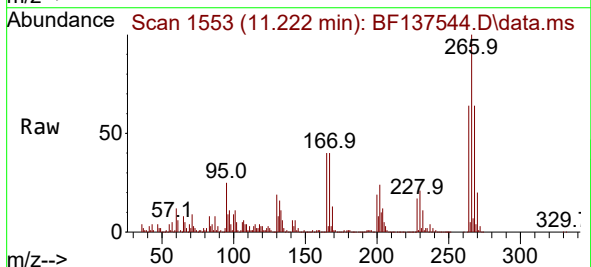
Tgt Ion:200 Resp: 32354
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.1 45.1
 215 49.4 30.4 70.4

Manual Integrations
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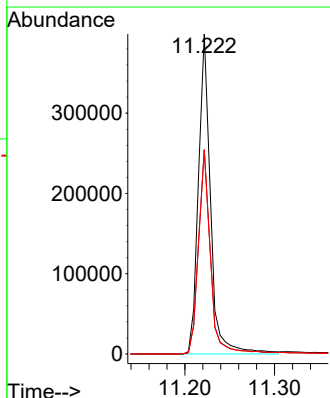
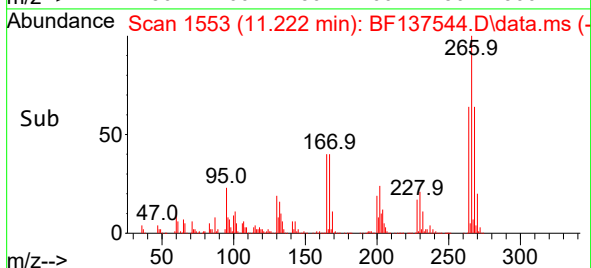
Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024

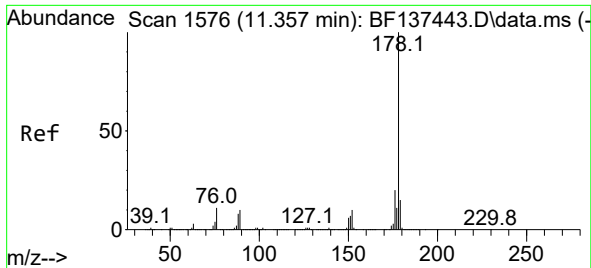


#70
 Pentachlorophenol
 Concen: 76.186 ng
 RT: 11.222 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF137544.D
 Acq: 08 Mar 2024 15:41



Tgt Ion:266 Resp: 375437
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.2 75.2
 264 63.8 50.9 76.3





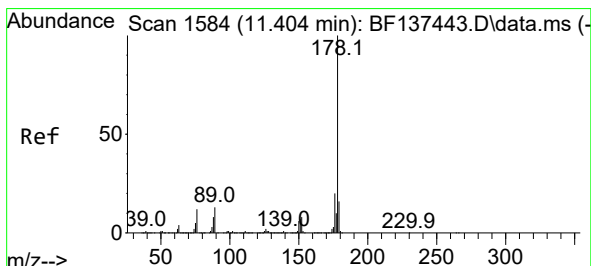
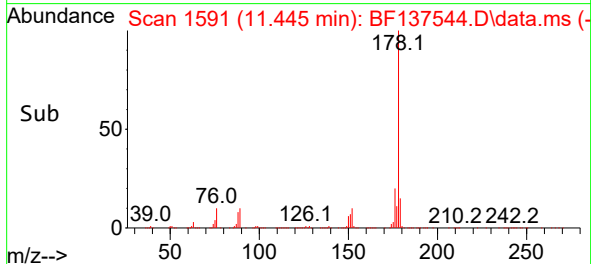
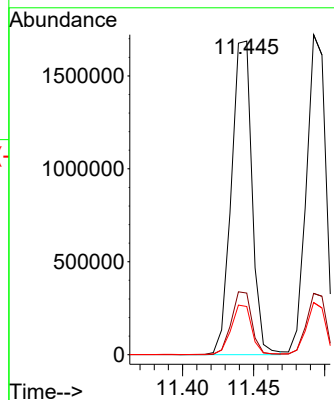
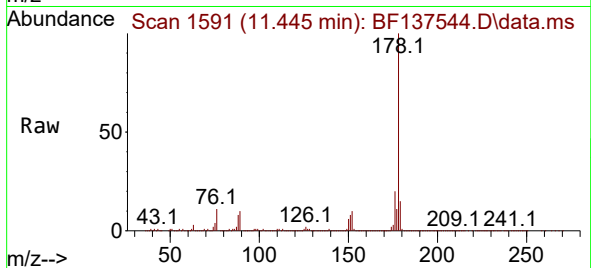
#71
Phenanthrene
Concen: 42.255 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion:178 Resp: 1704040
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.4 12.2 18.2

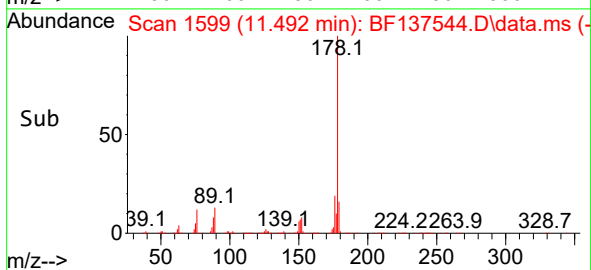
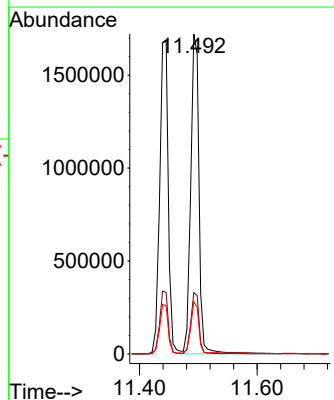
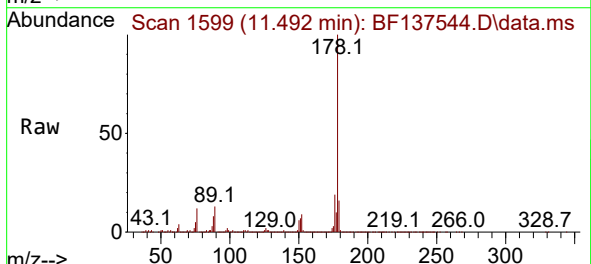
Manual Integrations
APPROVED

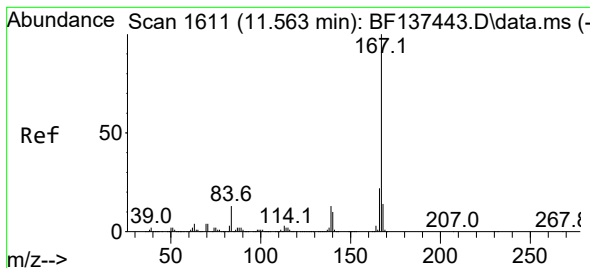
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#72
Anthracene
Concen: 40.666 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:178 Resp: 1684341
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.3 12.7 19.1





#73

Carbazole

Concen: 40.156 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion:167 Resp: 142466

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

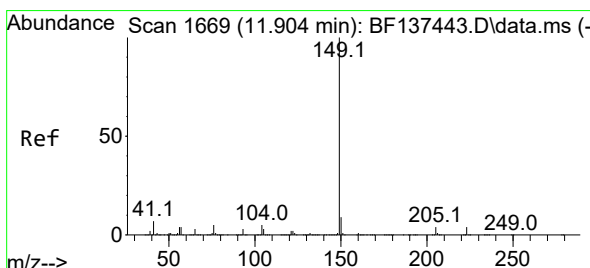
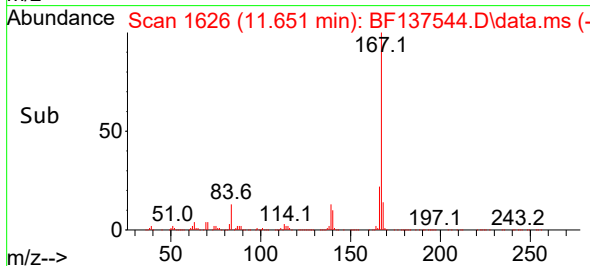
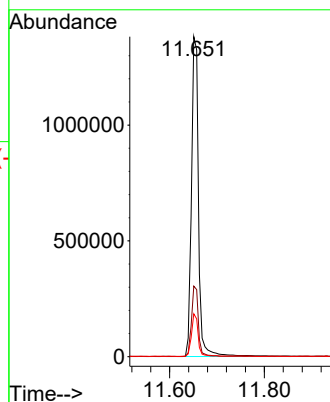
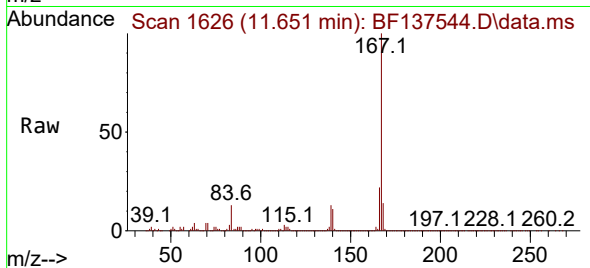
139 13.4 10.5 15.7

Manual Integrations

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Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#74

Di-n-butylphthalate

Concen: 42.544 ng

RT: 11.992 min Scan# 1684

Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

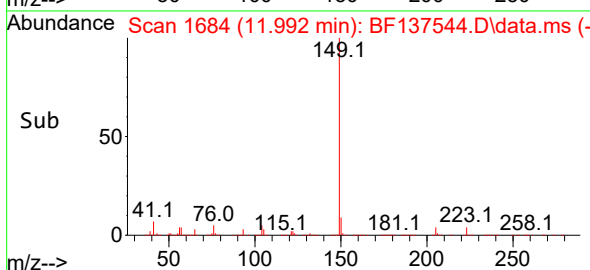
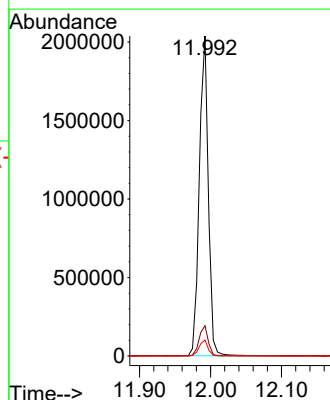
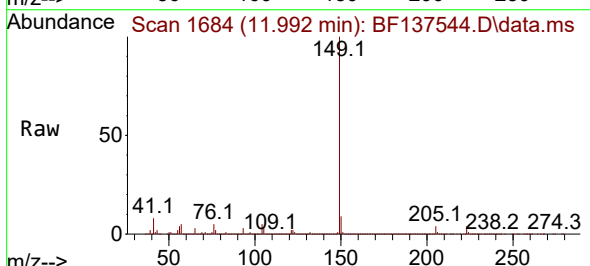
Tgt Ion:149 Resp: 1795799

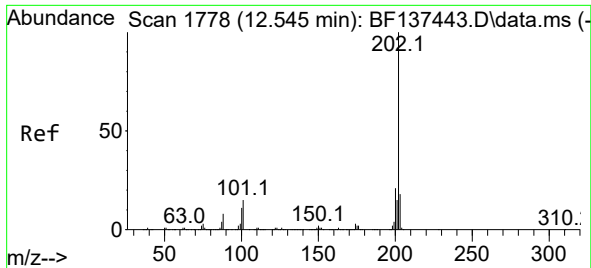
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

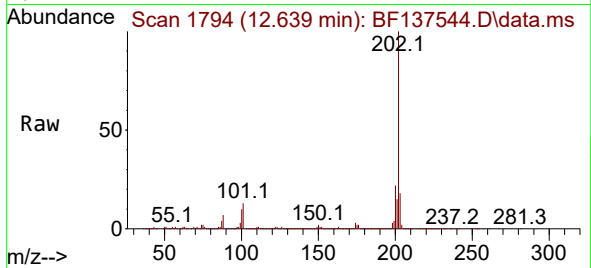
104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 38.587 ng
RT: 12.639 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

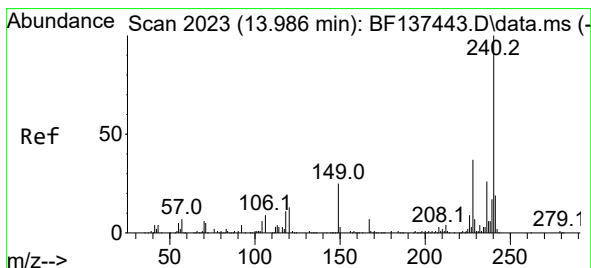
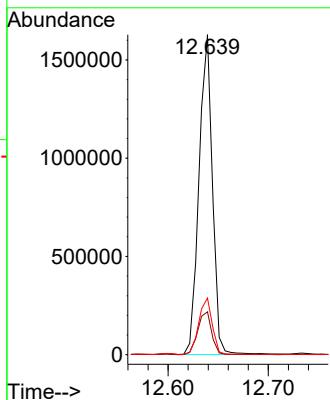
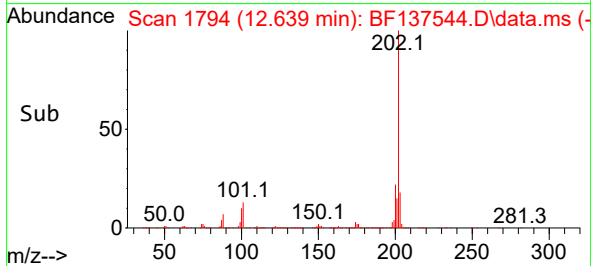
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



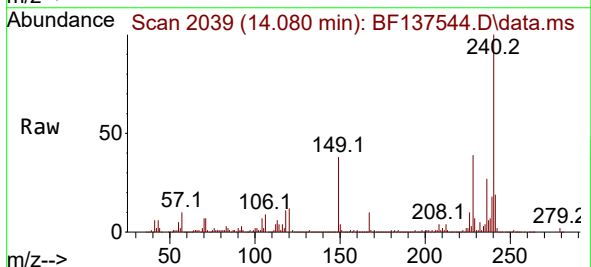
Tgt Ion:202 Resp: 152105
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.0
203 17.7 0.0 37.7

Manual Integrations
APPROVED

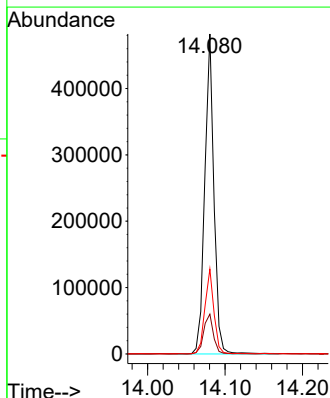
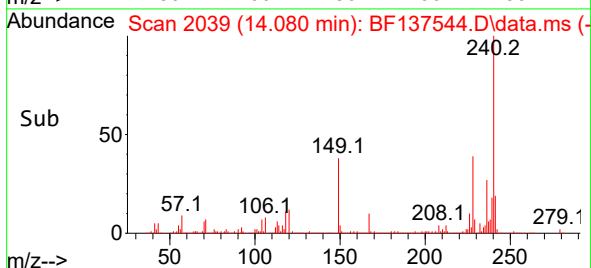
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

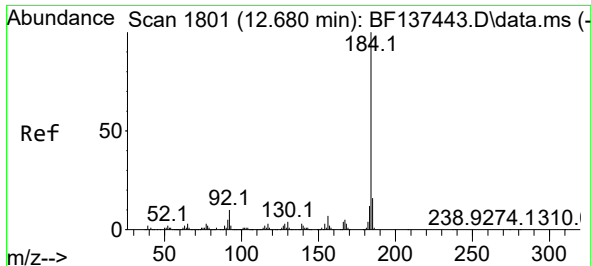


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:240 Resp: 396099
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 26.6 20.9 31.3





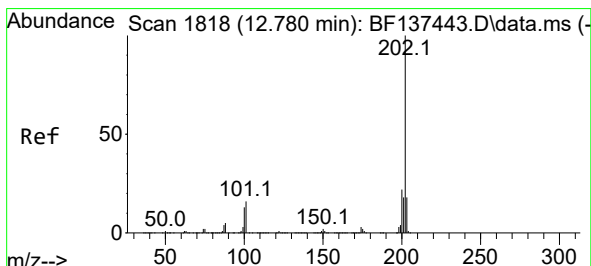
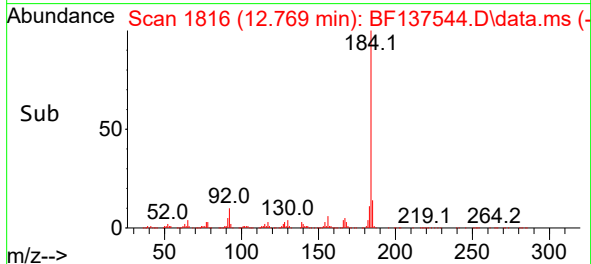
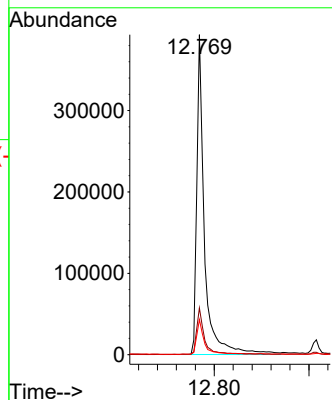
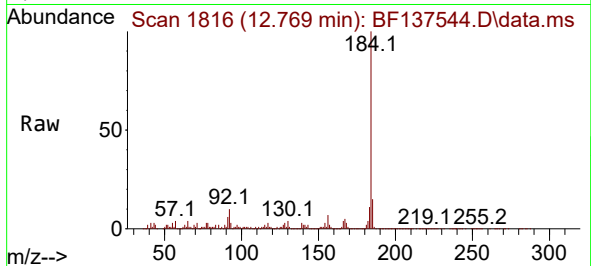
#77
Benzidine
Concen: 45.582 ng
RT: 12.769 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :
BNA_F
ClientSampleId :
TP-2BMS

Tgt Ion:184 Resp: 441848
Ion Ratio Lower Upper
184 100
185 14.6 13.2 19.8
183 10.9 9.3 13.9

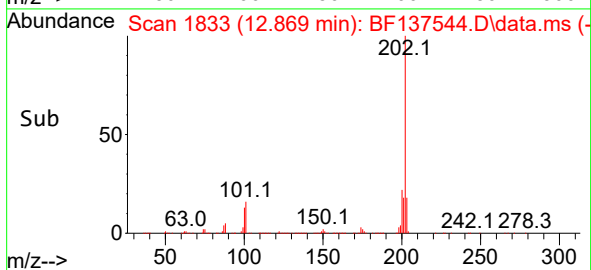
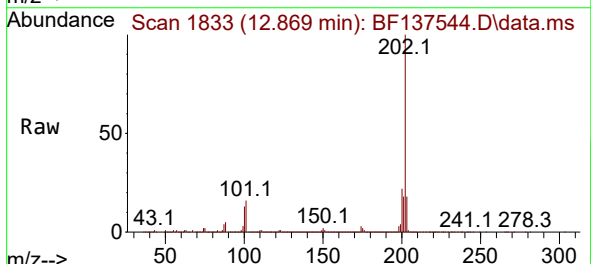
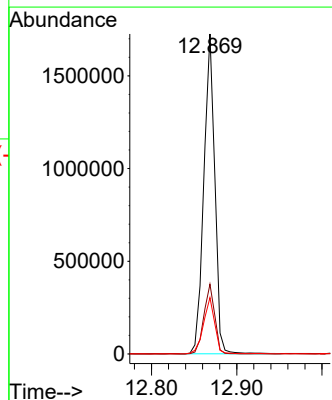
Manual Integrations
APPROVED

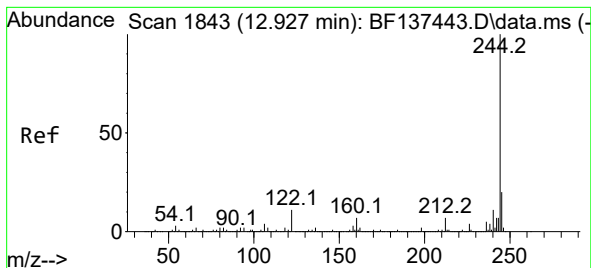
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#78
Pyrene
Concen: 39.666 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:202 Resp: 1541671
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 42.101 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion:244 Resp: 121272

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

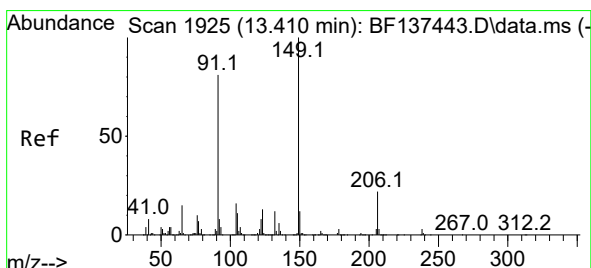
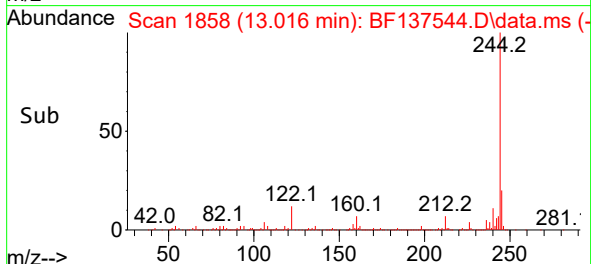
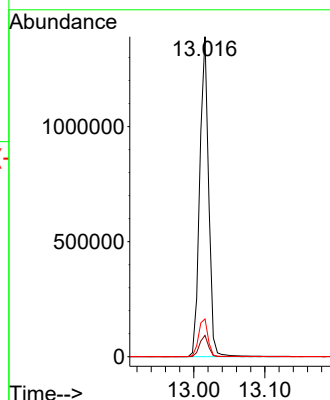
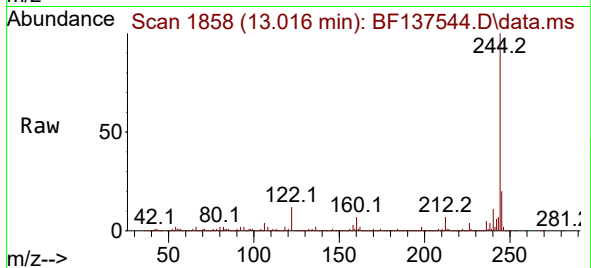
122 11.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#80

Butylbenzylphthalate

Concen: 54.337 ng

RT: 13.504 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

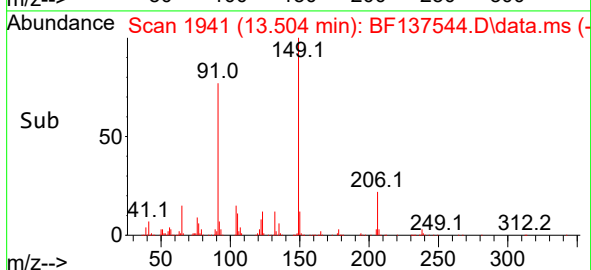
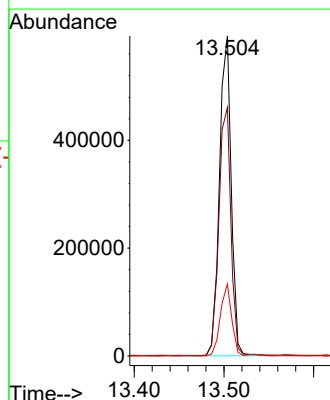
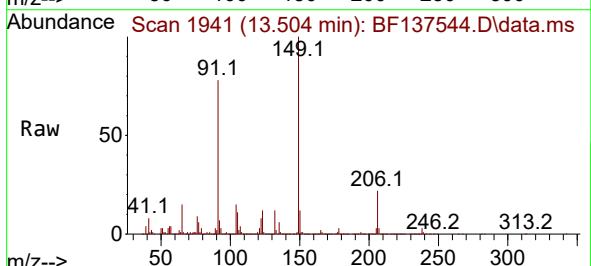
Tgt Ion:149 Resp: 539346

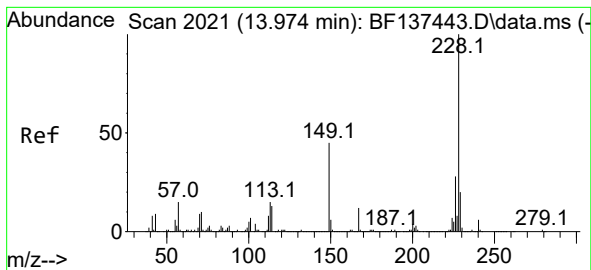
Ion Ratio Lower Upper

149 100

91 77.6 64.7 97.1

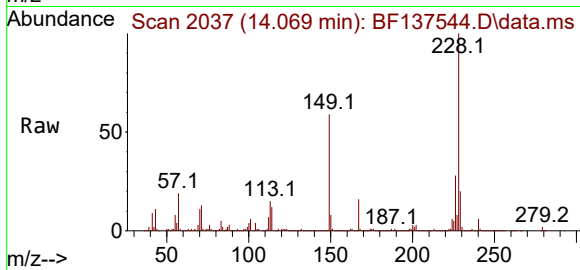
206 22.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.804 ng
RT: 14.069 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

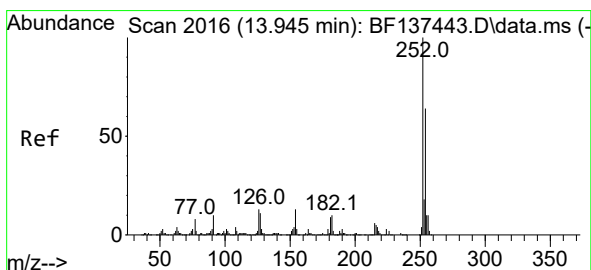
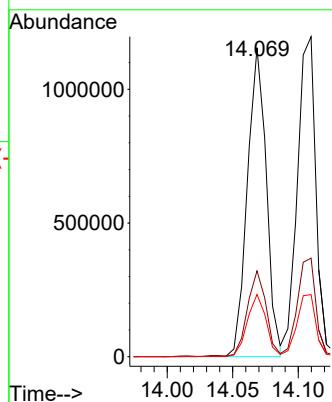
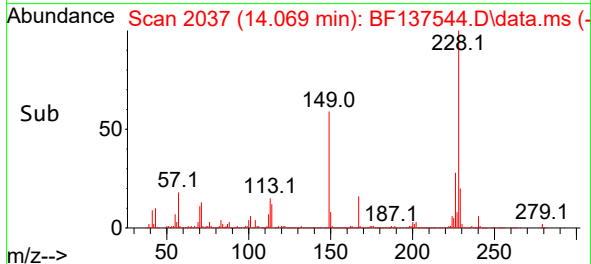
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:228 Resp: 116058
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 16.3 24.5

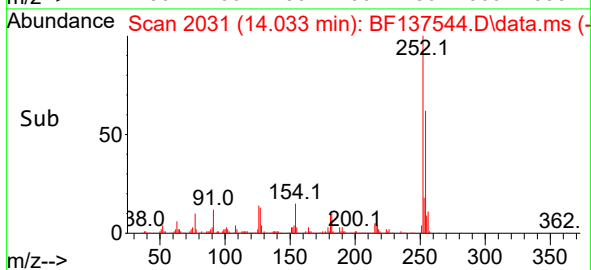
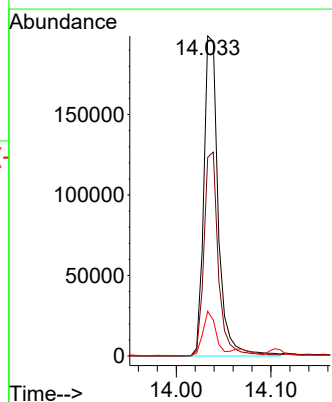
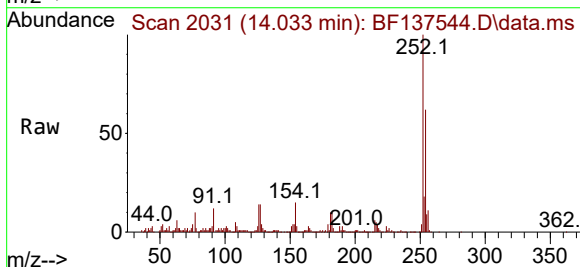
Manual Integrations
APPROVED

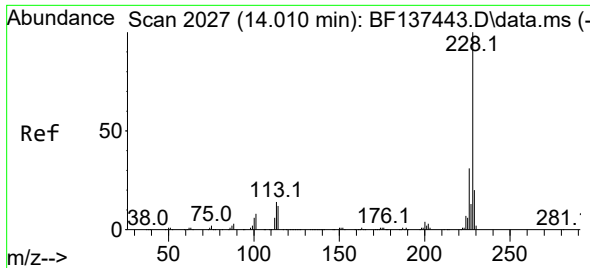
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#82
3,3'-Dichlorobenzidine
Concen: 28.473 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

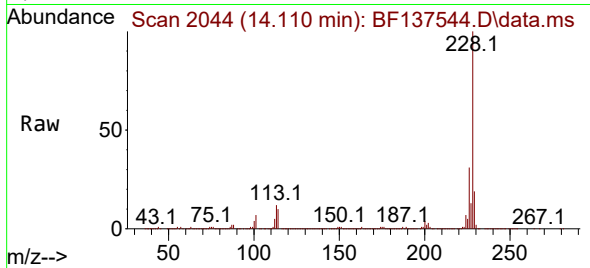
Tgt Ion:252 Resp: 210500
Ion Ratio Lower Upper
252 100
254 62.1 51.4 77.2
126 14.0 10.4 15.6





#83
Chrysene
Concen: 42.561 ng
RT: 14.110 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

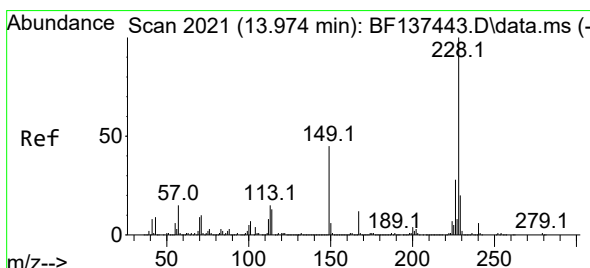
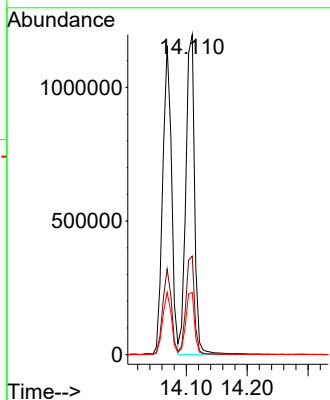
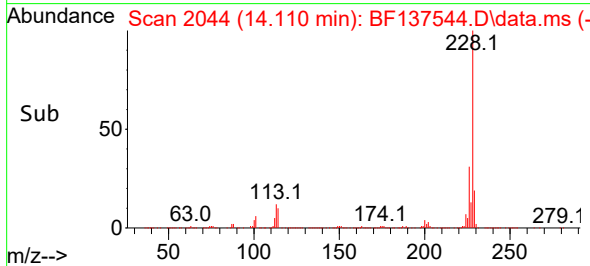
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



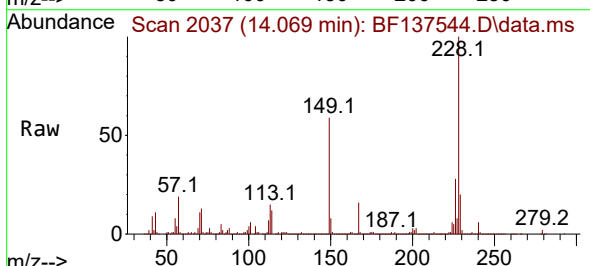
Tgt Ion:228 Resp: 119423
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.4 15.9 23.9

Manual Integrations
APPROVED

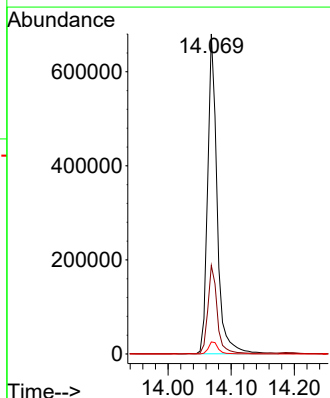
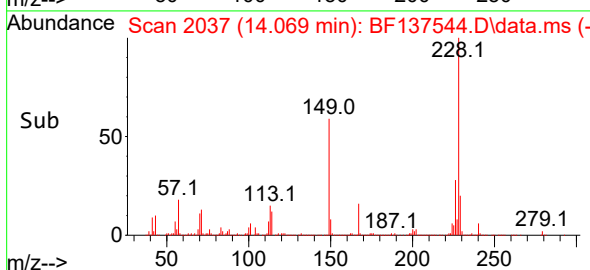
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024

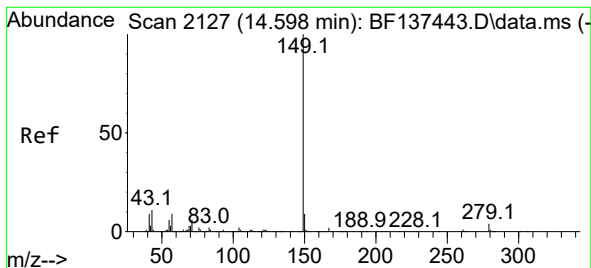


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.125 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41



Tgt Ion:149 Resp: 708078
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.037 ng

RT: 14.698 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion:149 Resp: 1333310

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

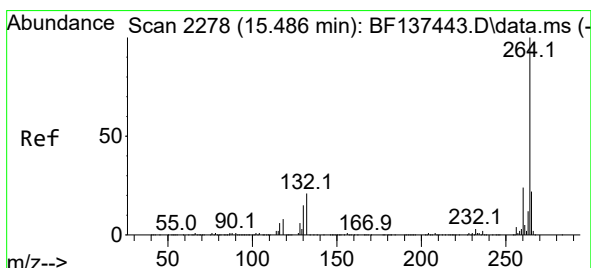
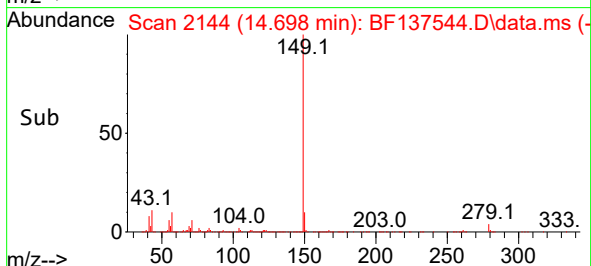
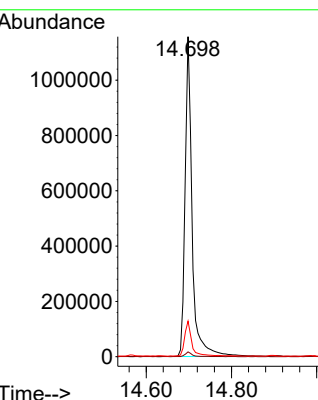
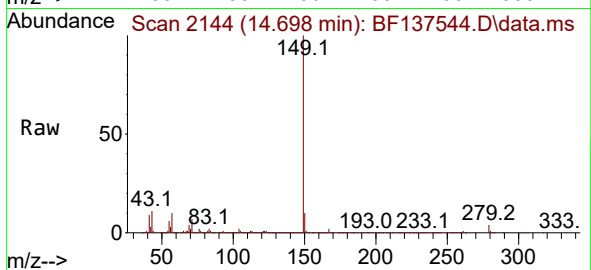
43 11.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

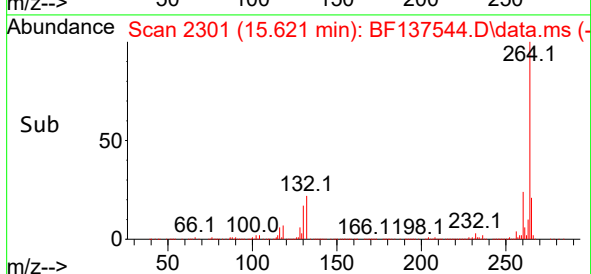
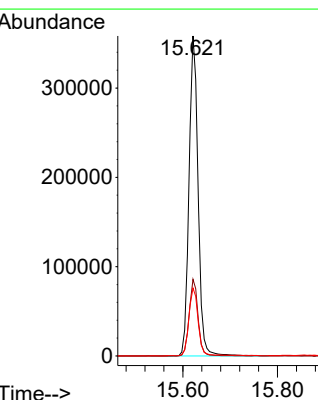
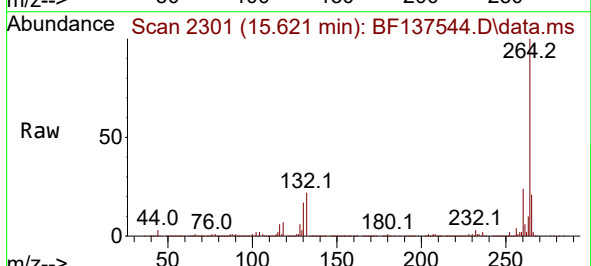
Tgt Ion:264 Resp: 475261

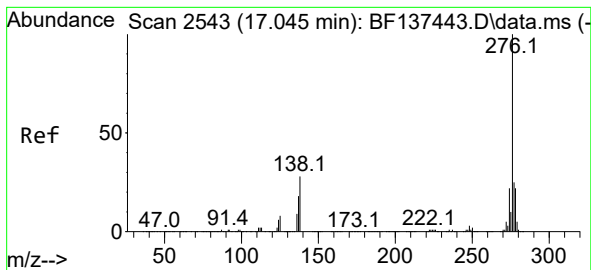
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.067 ng

RT: 17.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

TP-2BMS

Tgt Ion:276 Resp: 125310

Ion Ratio Lower Upper

276 100

138 30.7 25.8 38.8

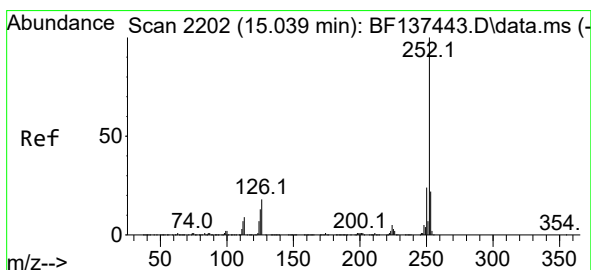
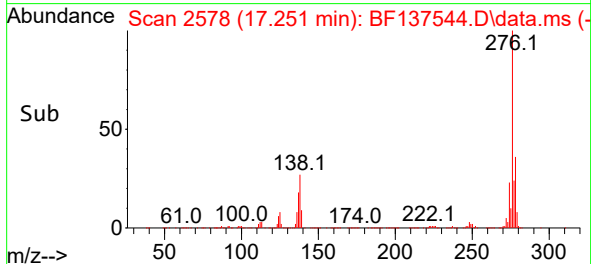
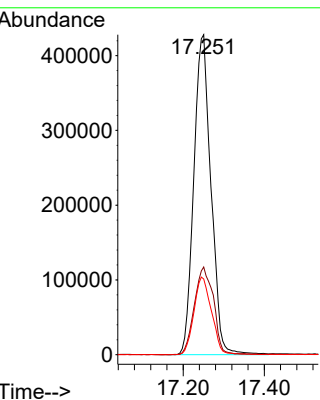
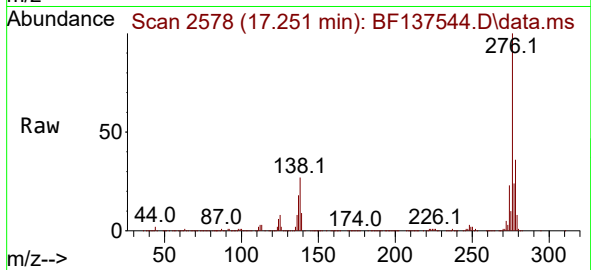
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/09/2024

Supervised By :mohammad ahmed 03/09/2024



#88

Benzo(b)fluoranthene

Concen: 43.645 ng

RT: 15.163 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF137544.D

Acq: 08 Mar 2024 15:41

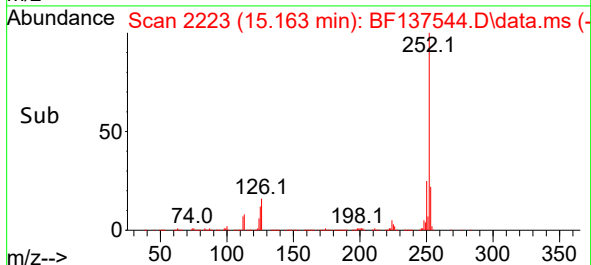
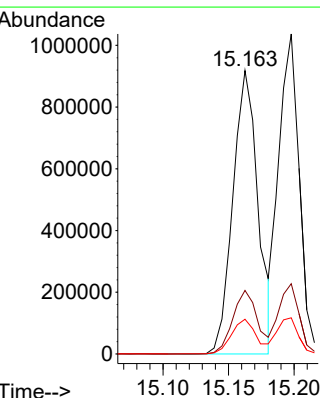
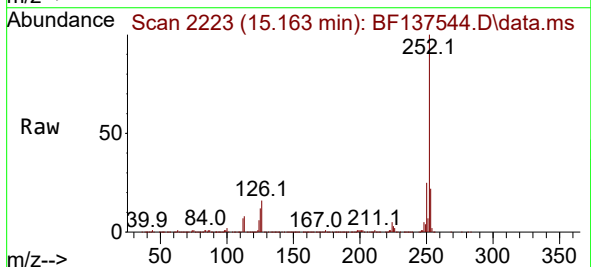
Tgt Ion:252 Resp: 1227012

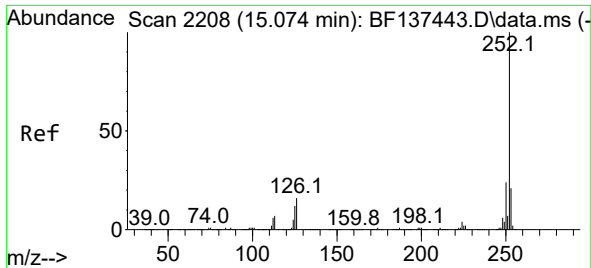
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 12.3 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 37.498 ng
RT: 15.198 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Instrument :

BNA_F

ClientSampleId :

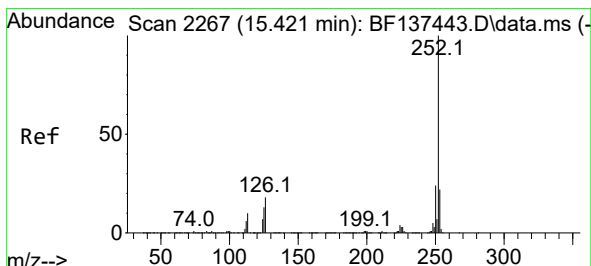
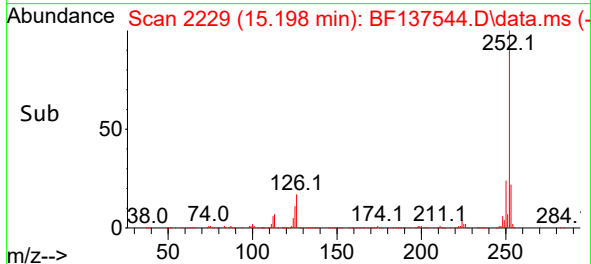
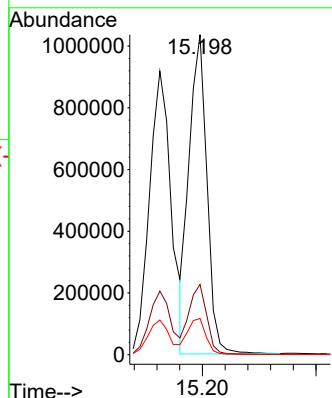
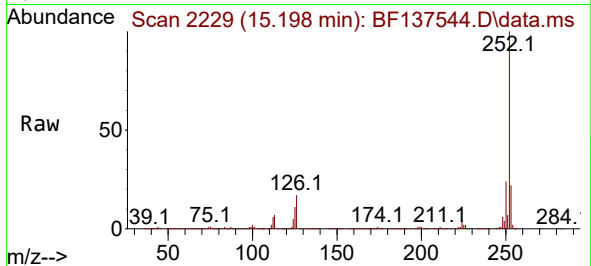
TP-2BMS

Tgt Ion:252 Resp: 113232
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.3 9.6 14.4

Manual Integrations

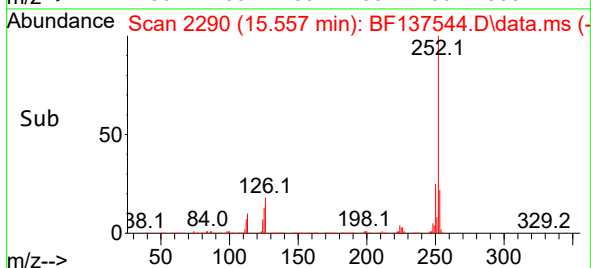
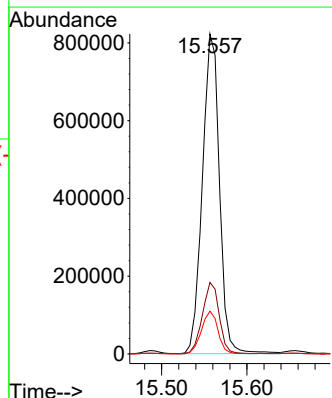
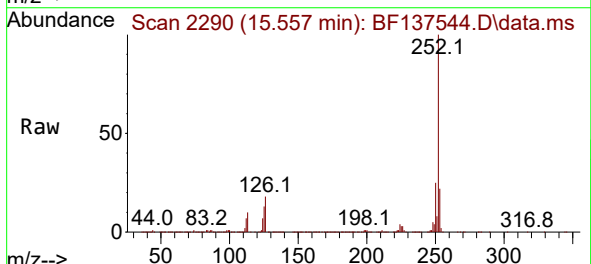
APPROVED

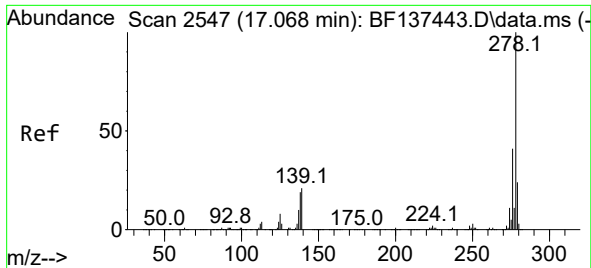
Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#90
Benzo(a)pyrene
Concen: 41.280 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

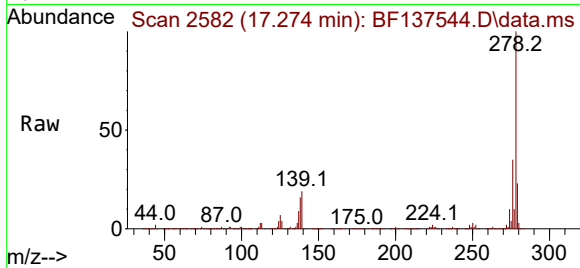
Tgt Ion:252 Resp: 1143643
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.3 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 39.688 ng
RT: 17.274 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

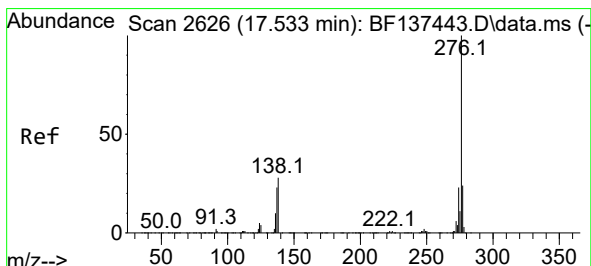
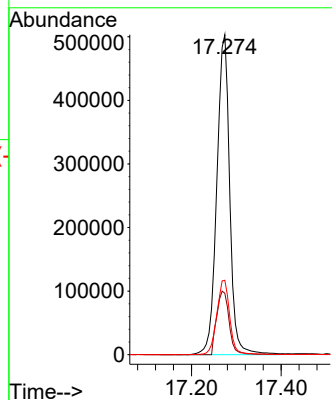
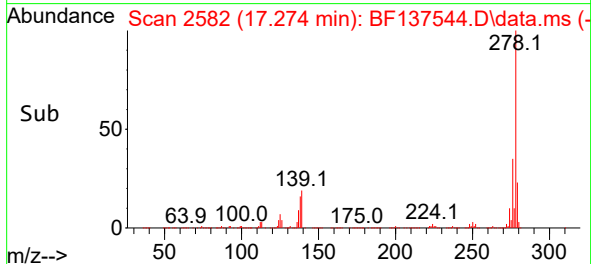
Instrument :
BNA_F
ClientSampleId :
TP-2BMS



Tgt Ion:278 Resp: 1006929
Ion Ratio Lower Upper
278 100
139 19.2 17.0 25.6
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/09/2024
Supervised By :mohammad ahmed 03/09/2024



#92
Benzo(g,h,i)perylene
Concen: 35.840 ng
RT: 17.739 min Scan# 2661
Delta R.T. 0.012 min
Lab File: BF137544.D
Acq: 08 Mar 2024 15:41

Tgt Ion:276 Resp: 933838
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.4
138 26.6 22.2 33.2

