

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137449.D
 Acq On : 29 Feb 2024 18:56
 Operator : CG\JU
 Sample : SP6439
 Misc : 8270/625.1 SPIKE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6439

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 04:03:35 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 01 03:39:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	198890m	20.000	ng	0.08
21) Naphthalene-d8	8.157	136	813740	20.000	ng	0.08
39) Acenaphthene-d10	9.916	164	473789	20.000	ng	0.08
64) Phenanthrene-d10	11.416	188	811175	20.000	ng	0.09
76) Chrysene-d12	14.074	240	460116	20.000	ng	0.09
86) Perylene-d12	15.610	264	404702	20.000	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	367991m	51.249	ng	
3) Pyridine	3.628	79	774222	44.708	ng	99
4) n-Nitrosodimethylamine	3.616	42	336516	47.973	ng	100
6) Aniline	6.557	93	853830	36.863	ng	98
8) 2-Chlorophenol	6.675	128	728657	52.607	ng	96
9) Benzaldehyde	6.446	77	591019	63.642	ng	99
10) Phenol	6.540	94	1074311	52.655	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	733372	49.052	ng	99
12) 1,3-Dichlorobenzene	6.828	146	764567	51.657	ng	96
13) 1,4-Dichlorobenzene	6.904	146	773218m	51.059	ng	
14) 1,2-Dichlorobenzene	7.051	146	746844m	53.731	ng	
15) Benzyl Alcohol	7.034	79	669459	56.729	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1245996	48.483	ng	99
17) 2-Methylphenol	7.146	107	599158	46.229	ng	97
18) Hexachloroethane	7.393	117	266658	53.478	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	543695	46.448	ng	99
20) 3+4-Methylphenols	7.293	107	694134	46.763	ng	91
22) Acetophenone	7.293	105	953448	48.426	ng	99
24) Nitrobenzene	7.463	77	848231	48.214	ng	100
25) Isophorone	7.704	82	1647715	49.522	ng	99
26) 2-Nitrophenol	7.781	139	372386	53.315	ng	97
27) 2,4-Dimethylphenol	7.822	122	531675	40.738	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	963176	49.338	ng	99
29) 2,4-Dichlorophenol	8.022	162	613660	51.232	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	637501	50.575	ng	99
31) Naphthalene	8.181	128	2092358	47.924	ng	100
32) Benzoic acid	7.963	122	358727	47.765	ng	99
33) 4-Chloroaniline	8.234	127	440030	25.703	ng	100
34) Hexachlorobutadiene	8.298	225	368107	49.466	ng	98
35) Caprolactam	8.616	113	210622m	51.857	ng	
36) 4-Chloro-3-methylphenol	8.722	107	676261	50.509	ng	98
37) 2-Methylnaphthalene	8.875	142	1306291	46.933	ng	99
38) 1-Methylnaphthalene	8.975	142	1222227	46.630	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	618752	46.779	ng	99
41) Hexachlorocyclopentadiene	9.028	237	578069	104.301	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	424394	49.271	ng	99

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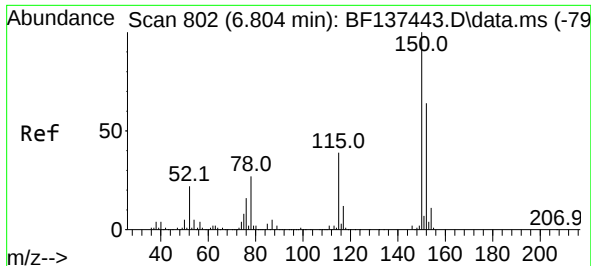
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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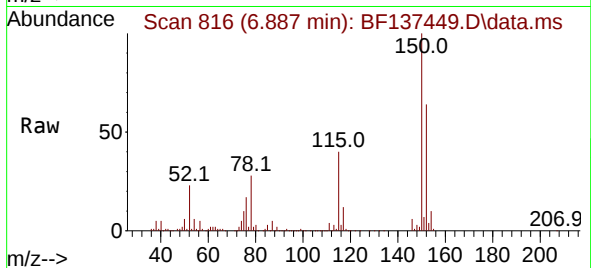
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	459758	46.336	ng	97
46) 1,1'-Biphenyl	9.339	154	1612256	46.493	ng	99
47) 2-Chloronaphthalene	9.363	162	1246536	47.149	ng	98
48) 2-Nitroaniline	9.469	65	443919	49.400	ng	99
49) Acenaphthylene	9.781	152	2026942	47.906	ng	100
50) Dimethylphthalate	9.651	163	1524393	46.220	ng	100
51) 2,6-Dinitrotoluene	9.710	165	338372	49.051	ng	98
52) Acenaphthene	9.951	154	1143406	45.266	ng	99
53) 3-Nitroaniline	9.881	138	225323	30.880	ng	97
54) 2,4-Dinitrophenol	9.992	184	340220	98.945	ng	90
55) Dibenzofuran	10.128	168	1738885	45.198	ng	100
56) 4-Nitrophenol	10.051	139	505331	96.362	ng	94
57) 2,4-Dinitrotoluene	10.116	165	430636	50.812	ng	93
58) Fluorene	10.475	166	1329706	45.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	375013m	47.131	ng	
60) Diethylphthalate	10.351	149	1430465	45.929	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	633290	43.734	ng	99
62) 4-Nitroaniline	10.504	138	309032	49.277	ng	98
63) Azobenzene	10.628	77	1672973	46.649	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	244516	54.084	ng	81
66) n-Nitrosodiphenylamine	10.586	169	1210581	46.345	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	415704	47.051	ng	97
68) Hexachlorobenzene	11.016	284	451021	50.542	ng	97
69) Atrazine	11.122	200	395611	49.821	ng	98
70) Pentachlorophenol	11.222	266	512994	95.096	ng	99
71) Phenanthrene	11.439	178	2029952	45.983	ng	99
72) Anthracene	11.492	178	2084774	45.981	ng	99
73) Carbazole	11.651	167	1855538	47.778	ng	100
74) Di-n-butylphthalate	11.986	149	2205184	47.724	ng	99
75) Fluoranthene	12.633	202	2015571	46.709	ng	99
77) Benzidine	12.769	184	1125883	99.989	ng	100
78) Pyrene	12.863	202	2076461	45.993	ng	99
80) Butylbenzylphthalate	13.498	149	631715	54.788	ng	98
81) Benzo(a)anthracene	14.063	228	1532155	47.510	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	310104	36.109	ng	99
83) Chrysene	14.098	228	1541033	47.280	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	783817	53.484	ng	100
85) Di-n-octyl phthalate	14.692	149	1277137	45.542	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	1305693	49.027	ng	99
88) Benzo(b)fluoranthene	15.151	252	1270086	53.054	ng	99
89) Benzo(k)fluoranthene	15.186	252	1173982	45.656	ng	99
90) Benzo(a)pyrene	15.545	252	1137104	48.200	ng	99
91) Dibenzo(a,h)anthracene	17.245	278	1042785	48.268	ng	99
92) Benzo(g,h,i)perylene	17.710	276	1019464	45.948	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 6.887 min Scan# 81
Delta R.T. 0.083 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

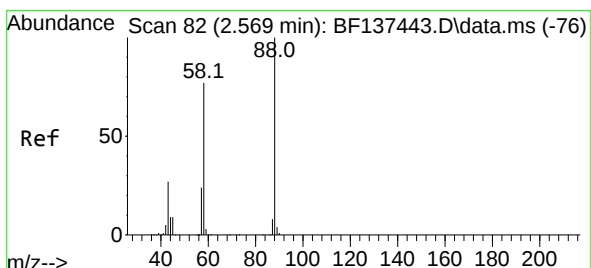
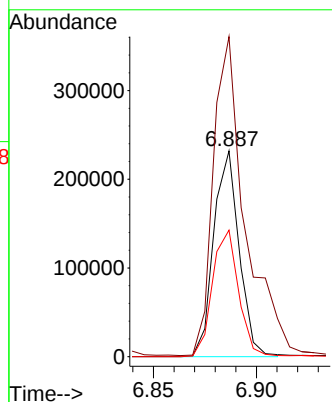
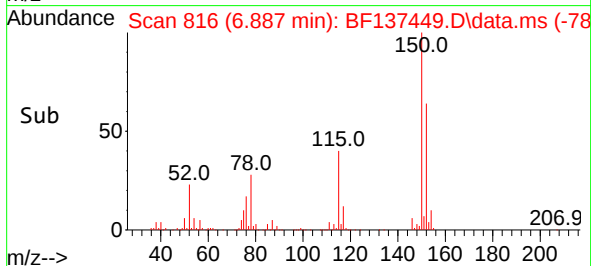
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:152 Resp: 198890
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.5 48.8 73.2

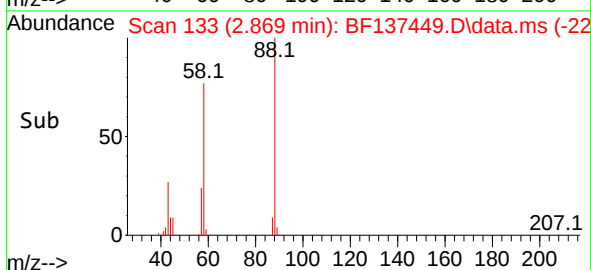
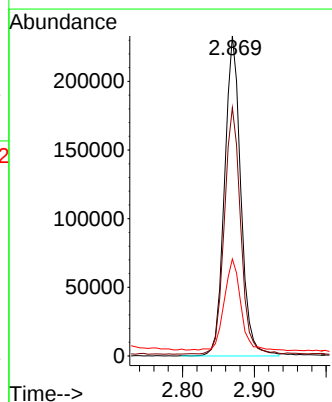
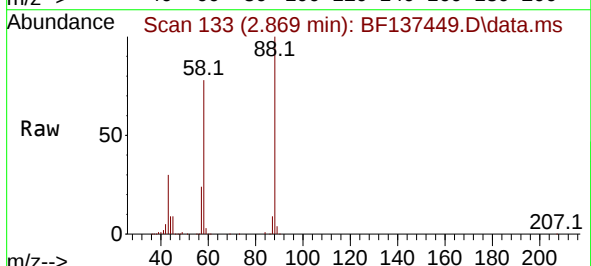
Manual Integrations
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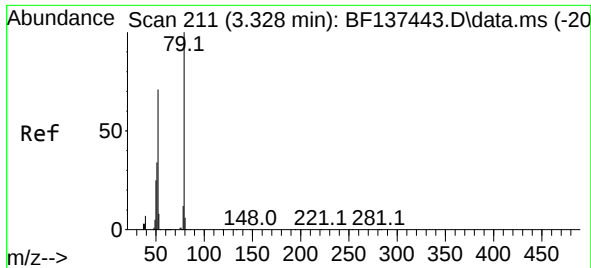
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#2
1,4-Dioxane
Concen: 51.249 ng m
RT: 2.869 min Scan# 133
Delta R.T. 0.300 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion: 88 Resp: 367991
Ion Ratio Lower Upper
88 100
58 0.0 61.8 92.8#
43 0.0 22.2 33.4#





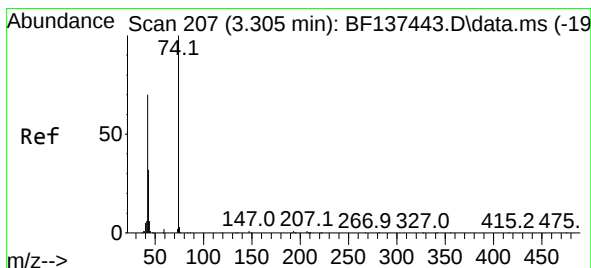
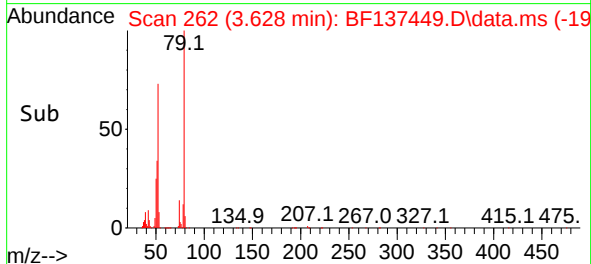
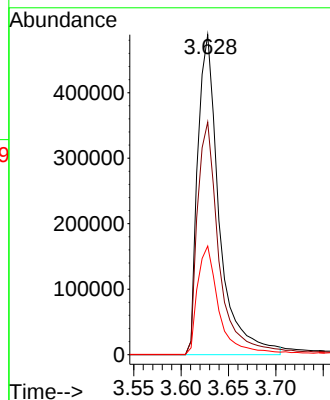
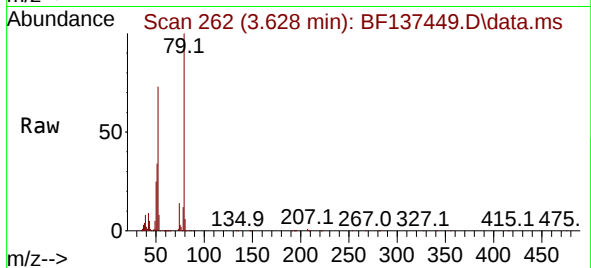
#3
Pyridine
Concen: 44.708 ng
RT: 3.628 min Scan# 20
Delta R.T. 0.300 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion: 79 Resp: 77422
Ion Ratio Lower Upper
79 100
52 72.7 57.0 85.4
51 33.9 27.5 41.3

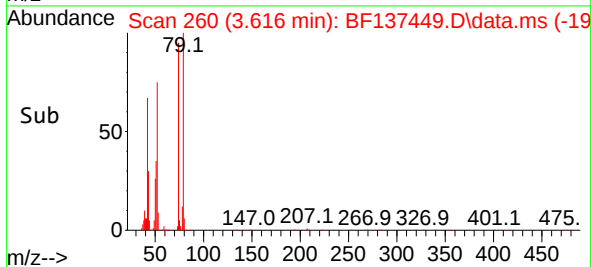
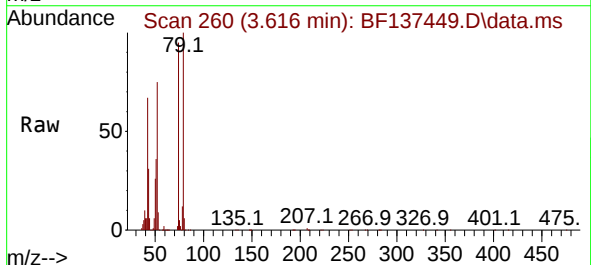
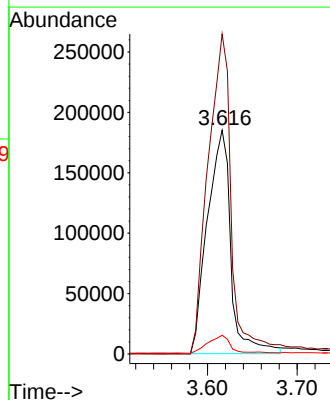
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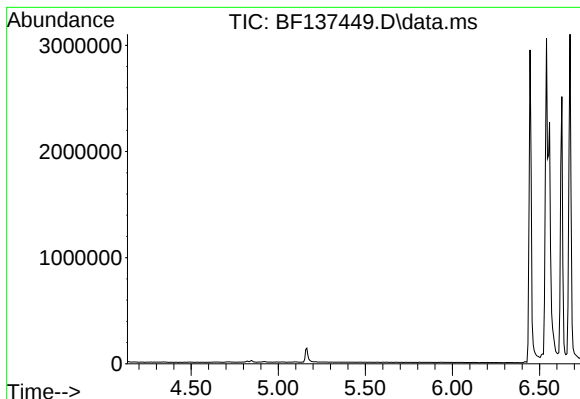
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#4
n-Nitrosodimethylamine
Concen: 47.973 ng
RT: 3.616 min Scan# 260
Delta R.T. 0.311 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion: 42 Resp: 336516
Ion Ratio Lower Upper
42 100
74 143.0 114.0 171.0
44 8.4 7.0 10.4





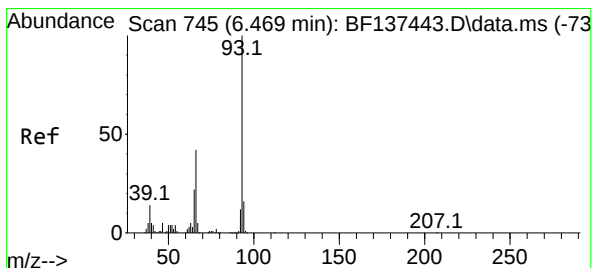
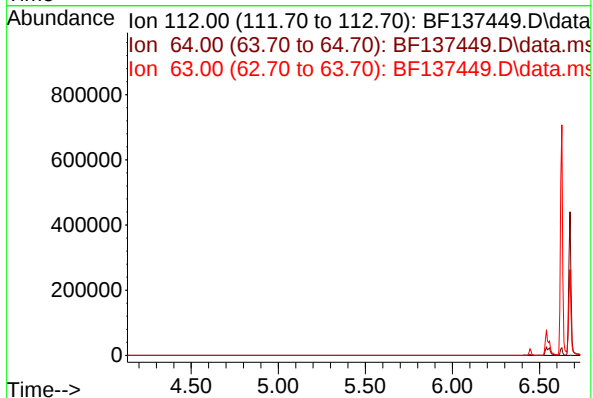
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.43 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SP6439

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.8
 63 32.7

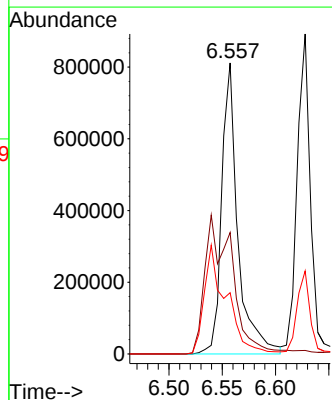
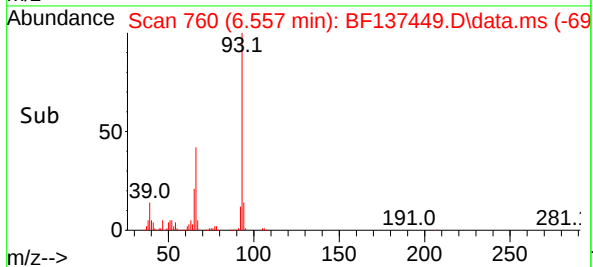
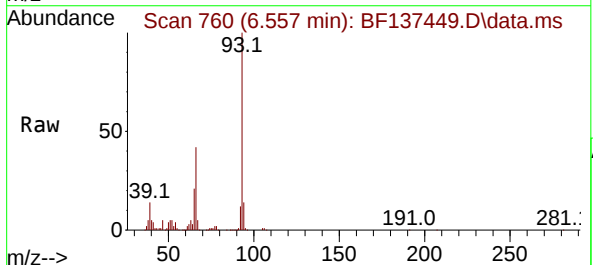
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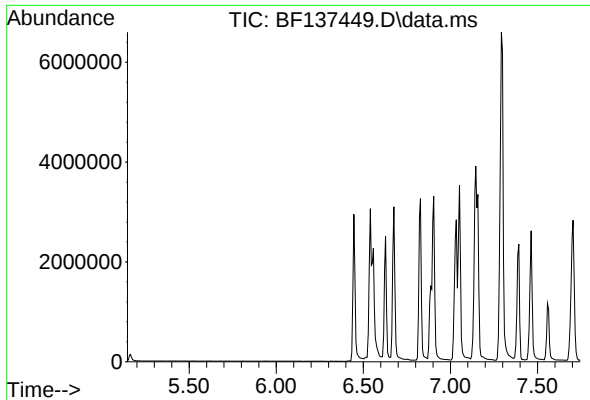
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024



#6
 Aniline
 Concen: 36.863 ng
 RT: 6.557 min Scan# 760
 Delta R.T. 0.088 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

Tgt Ion: 93 Resp: 853830
 Ion Ratio Lower Upper
 93 100
 66 41.7 34.0 51.0
 65 21.0 17.8 26.8





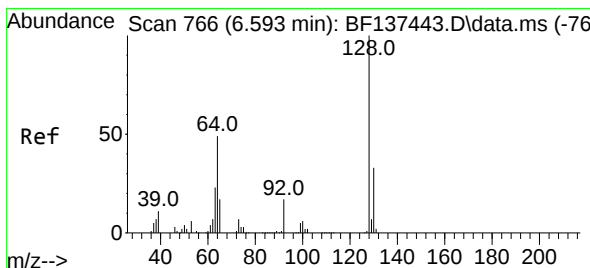
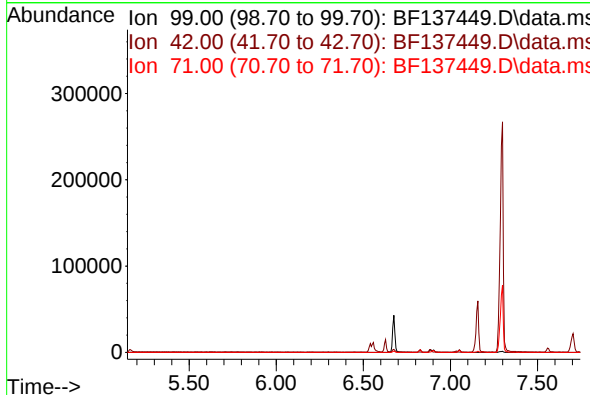
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.45 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SP6439

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 18.2
 71 31.6

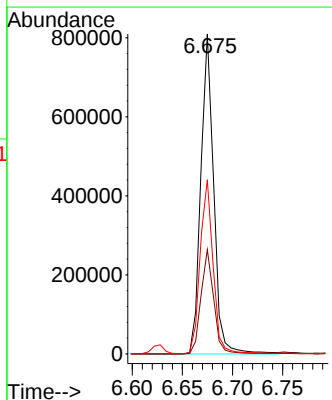
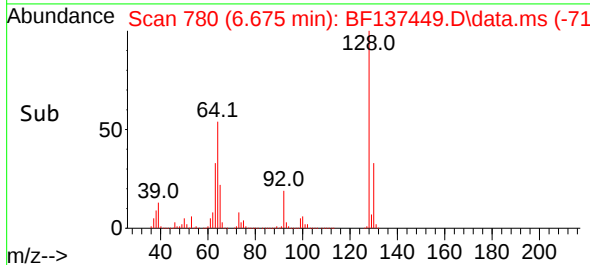
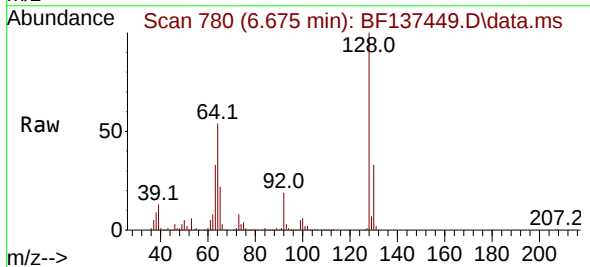
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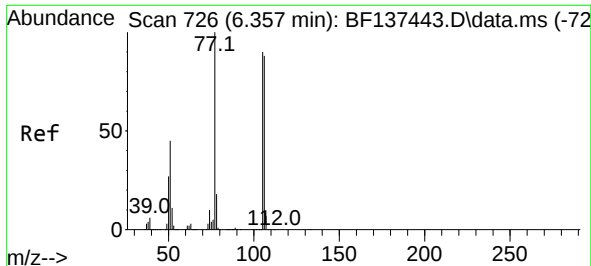
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024



#8
 2-Chlorophenol
 Concen: 52.607 ng
 RT: 6.675 min Scan# 780
 Delta R.T. 0.082 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

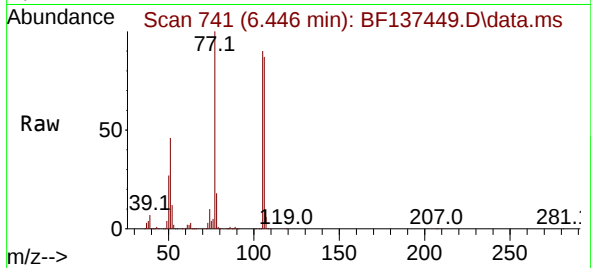
Tgt Ion:128 Resp: 728657
 Ion Ratio Lower Upper
 128 100
 130 32.6 13.4 53.4
 64 54.5 30.0 70.0





#9
Benzaldehyde
Concen: 63.642 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

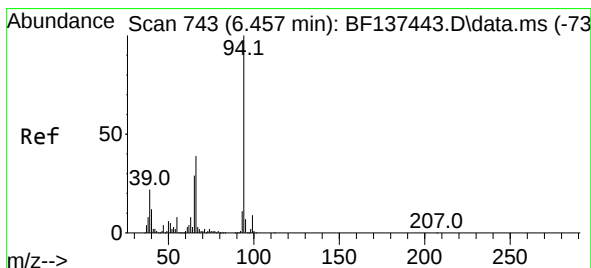
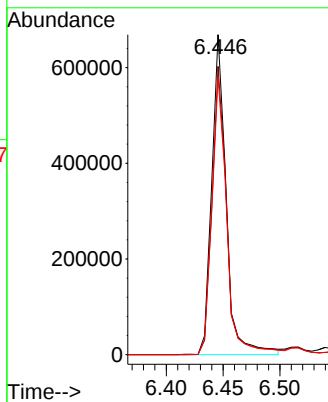
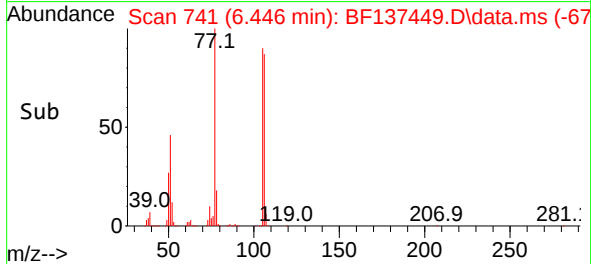
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion: 77 Resp: 591019
Ion Ratio Lower Upper
77 100
105 90.1 69.8 109.8
106 86.7 67.8 107.8

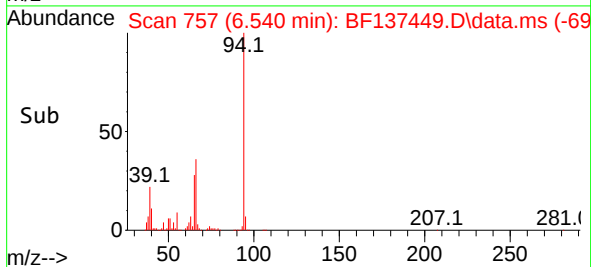
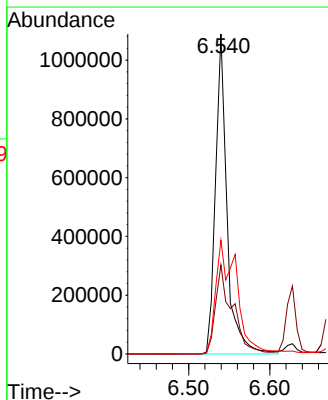
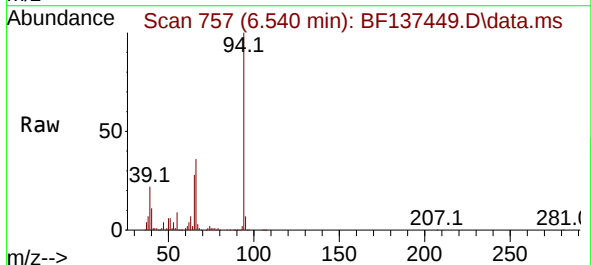
Manual Integrations
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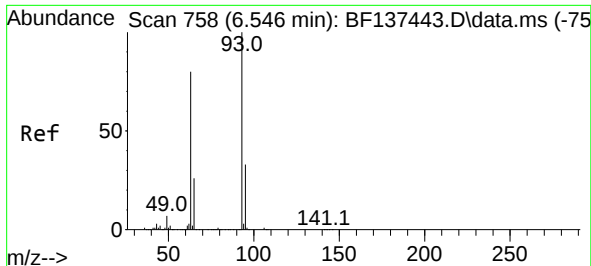
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#10
Phenol
Concen: 52.655 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

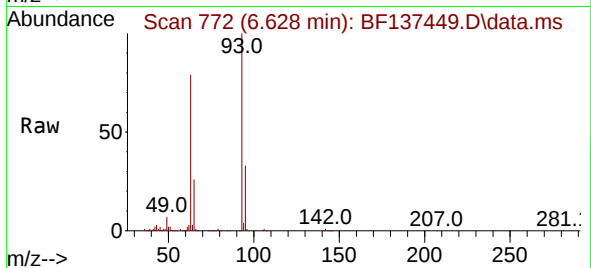
Tgt Ion: 94 Resp: 1074311
Ion Ratio Lower Upper
94 100
65 27.9 8.7 48.7
66 35.6 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 49.052 ng
RT: 6.628 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

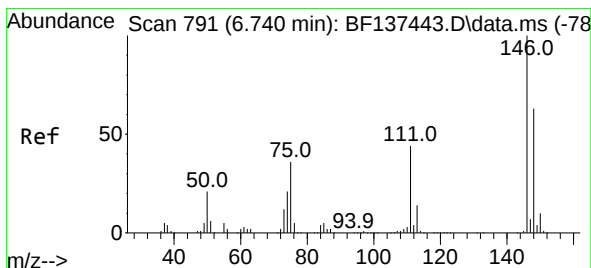
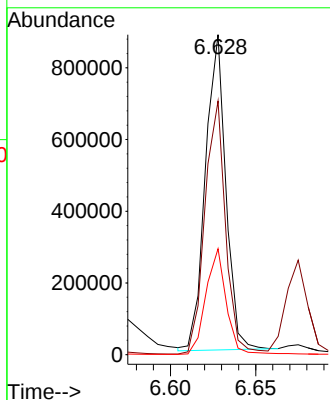
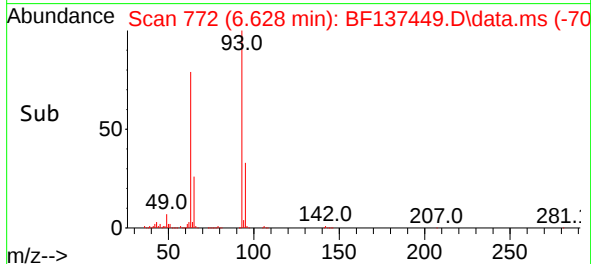
Instrument :
BNA_F
ClientSampleId :
SP6439



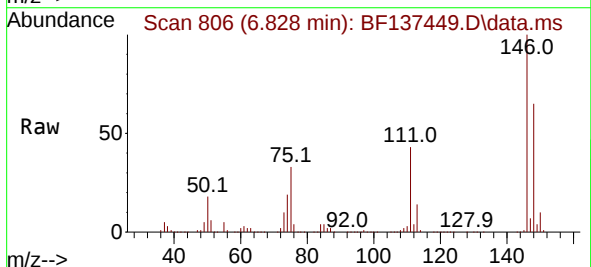
Tgt Ion: 93 Resp: 733372
Ion Ratio Lower Upper
93 100
63 79.3 58.9 98.9
95 33.1 12.2 52.2

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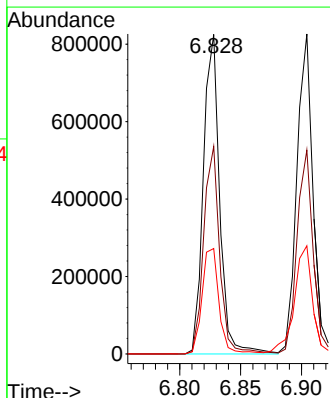
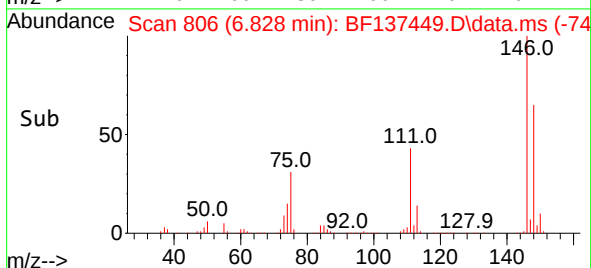
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

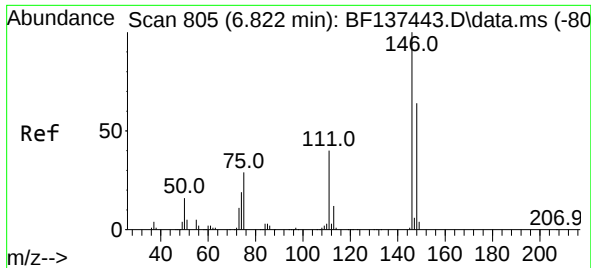


#12
1,3-Dichlorobenzene
Concen: 51.657 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



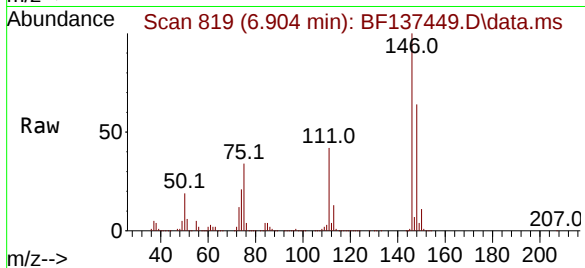
Tgt Ion:146 Resp: 764567
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
75 33.0 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 51.059 ng m
RT: 6.904 min Scan# 819
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

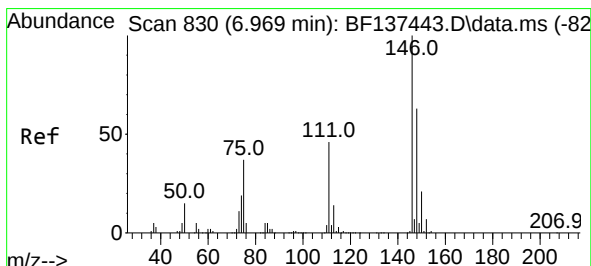
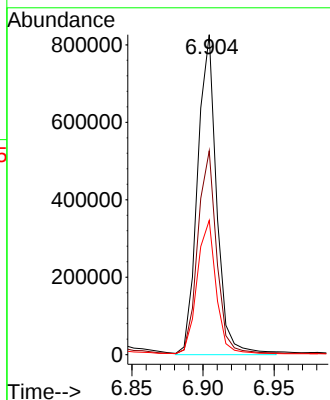
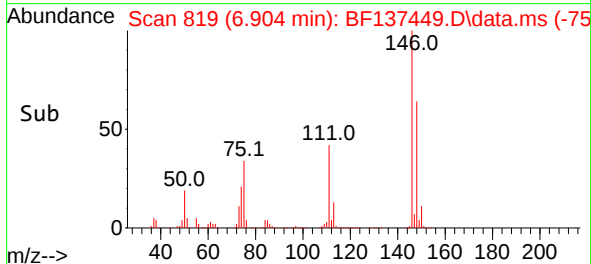
Instrument :
BNA_F
ClientSampleId :
SP6439



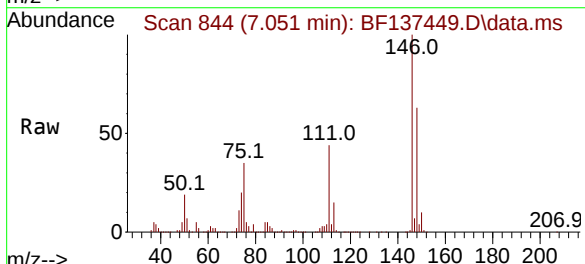
Tgt Ion:146 Resp: 773218
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 42.0 32.4 48.6

Manual Integrations
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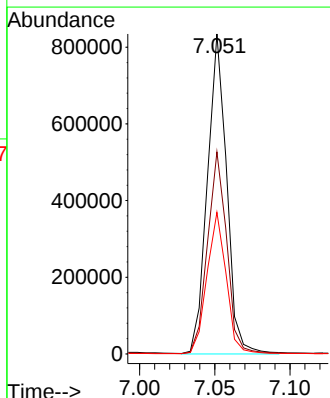
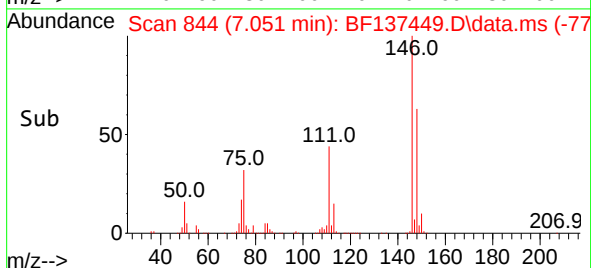
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

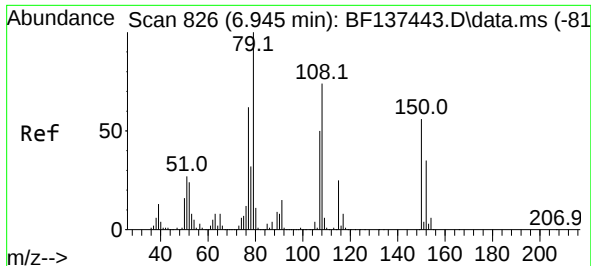


#14
1,2-Dichlorobenzene
Concen: 53.731 ng m
RT: 7.051 min Scan# 844
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



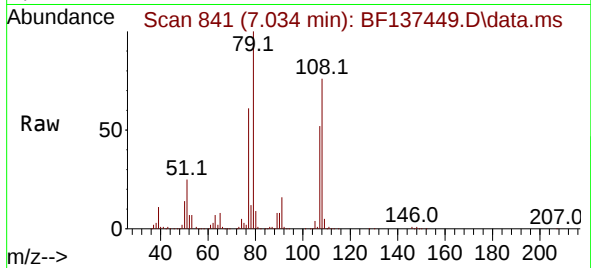
Tgt Ion:146 Resp: 746844
Ion Ratio Lower Upper
146 100
148 63.1 50.0 75.0
111 44.2 36.8 55.2





#15
Benzyl Alcohol
Concen: 56.729 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

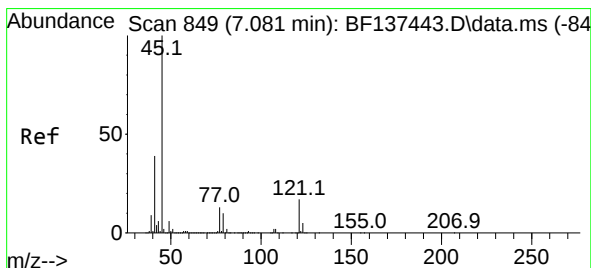
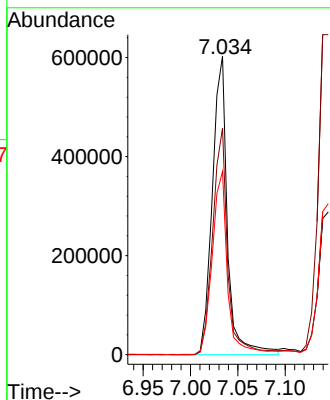
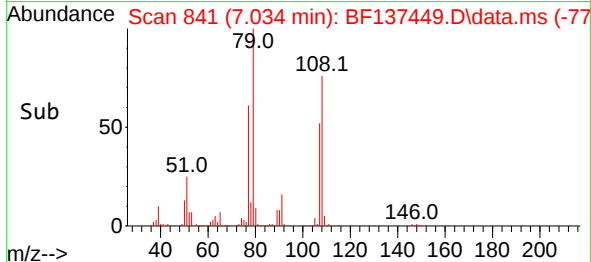
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion: 79 Resp: 669459
Ion Ratio Lower Upper
79 100
108 75.9 59.5 89.3
77 61.4 50.0 75.0

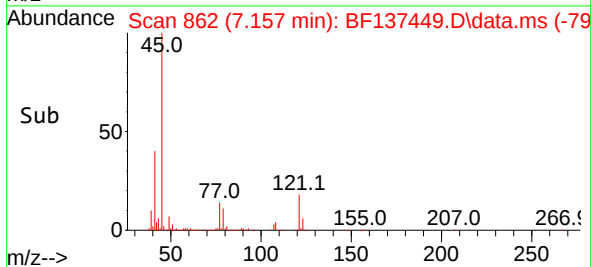
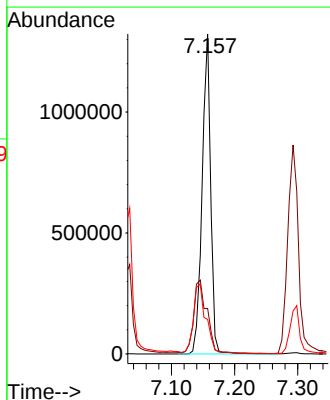
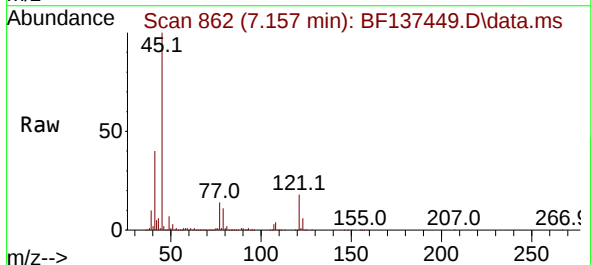
Manual Integrations
APPROVED

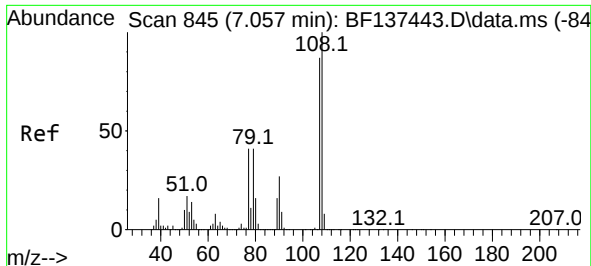
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.483 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.077 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

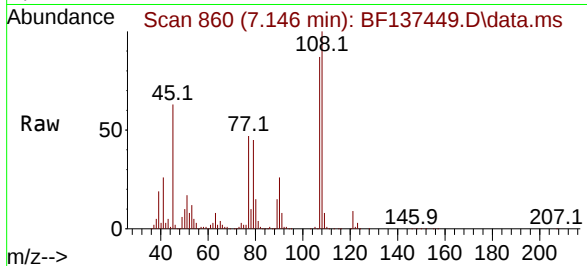
Tgt Ion: 45 Resp: 1245996
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.4
79 10.8 0.0 30.9





#17
2-Methylphenol
Concen: 46.229 ng
RT: 7.146 min Scan# 80
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

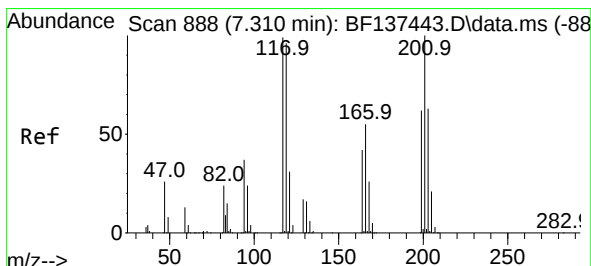
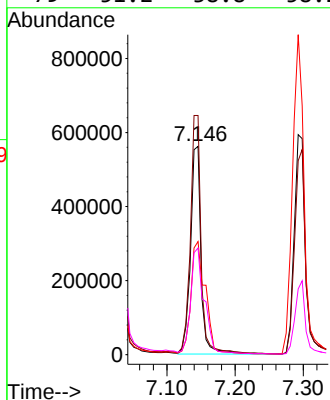
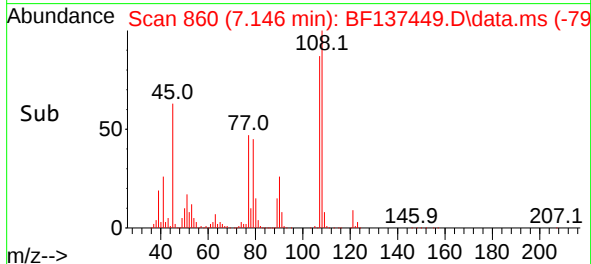
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:107 Resp: 599158
Ion Ratio Lower Upper
107 100
108 114.8 92.2 138.4
77 54.3 38.6 57.8
79 51.2 38.8 58.2

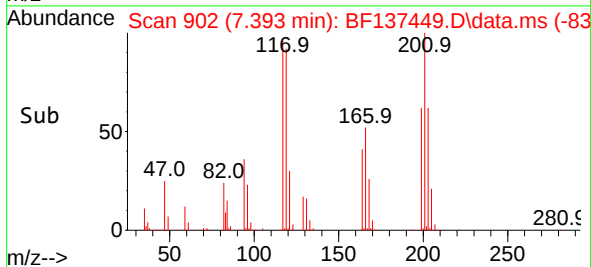
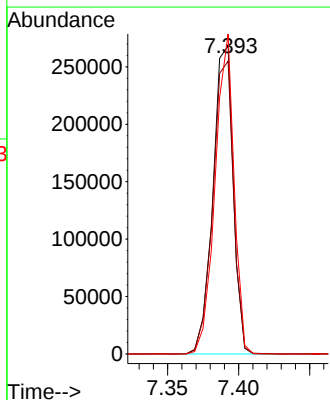
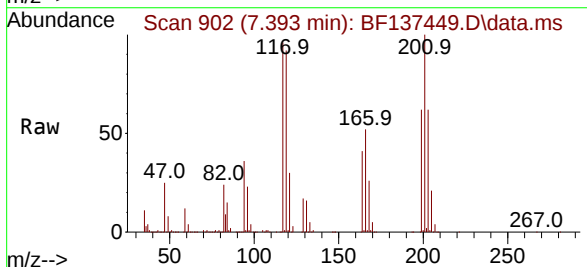
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#18
Hexachloroethane
Concen: 53.478 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion:117 Resp: 266658
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
201 103.8 80.6 121.0





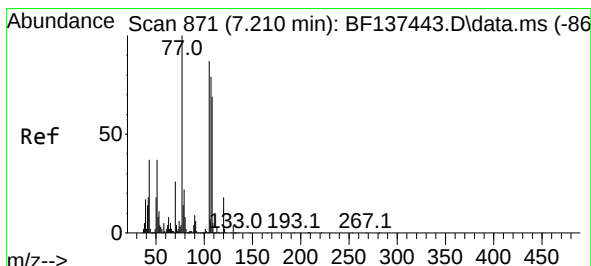
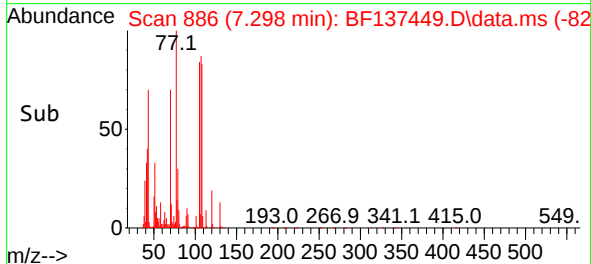
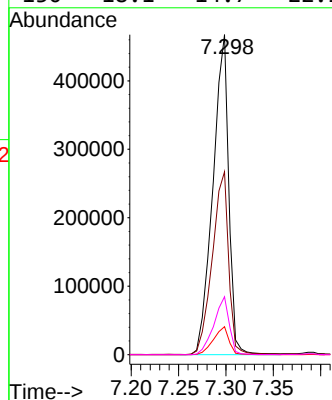
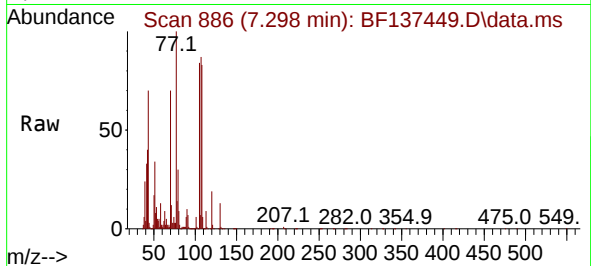
#19
n-Nitroso-di-n-propylamine
Concen: 46.448 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.077 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion: 70 Resp: 54369
Ion Ratio Lower Upper
70 100
42 57.1 45.2 67.8
101 8.8 7.3 10.9
130 18.1 14.7 22.1

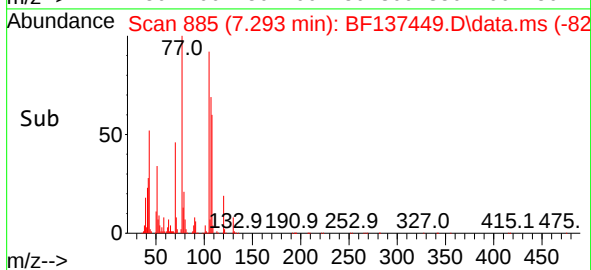
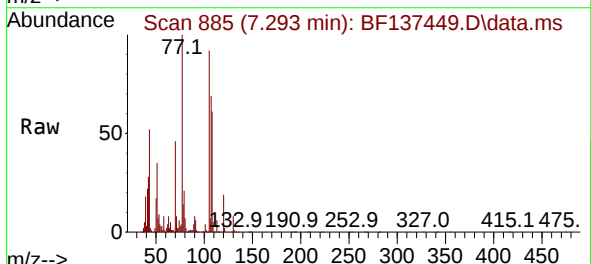
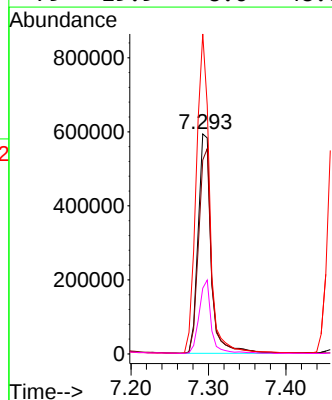
Manual Integrations
APPROVED

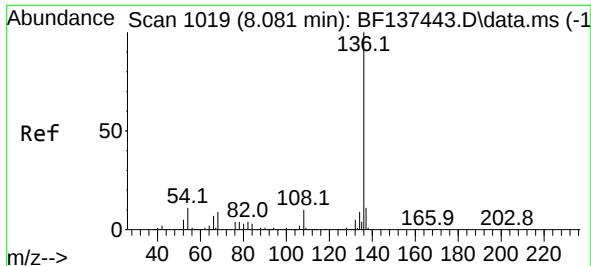
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#20
3+4-Methylphenols
Concen: 46.763 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

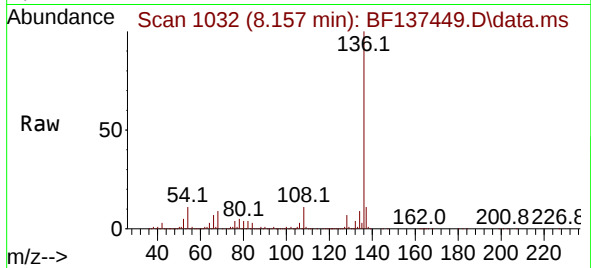
Tgt Ion:107 Resp: 694134
Ion Ratio Lower Upper
107 100
108 88.2 67.6 107.6
77 145.5 107.1 147.1
79 29.9 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1019
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

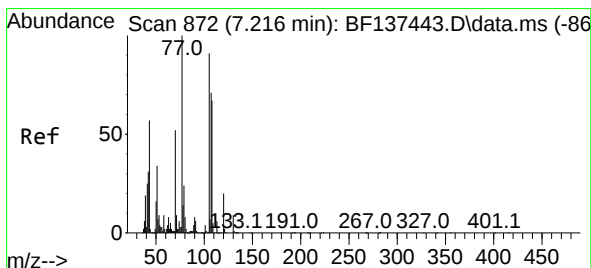
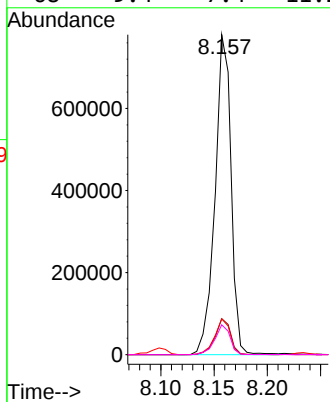
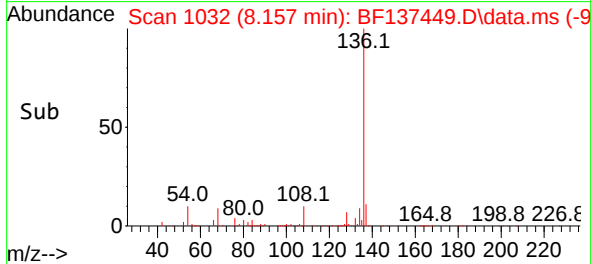
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:136 Resp: 813740
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.2 8.5 12.7
68 9.4 7.4 11.2

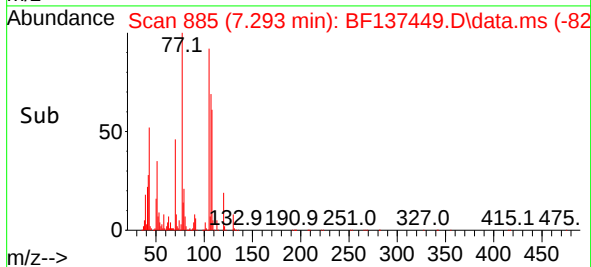
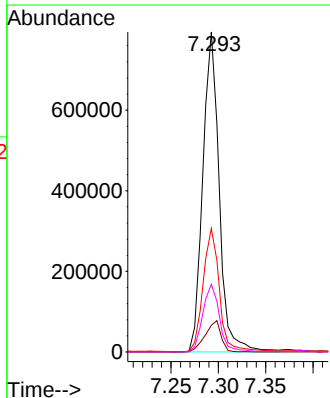
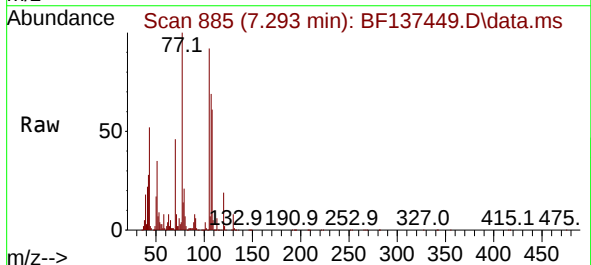
Manual Integrations
APPROVED

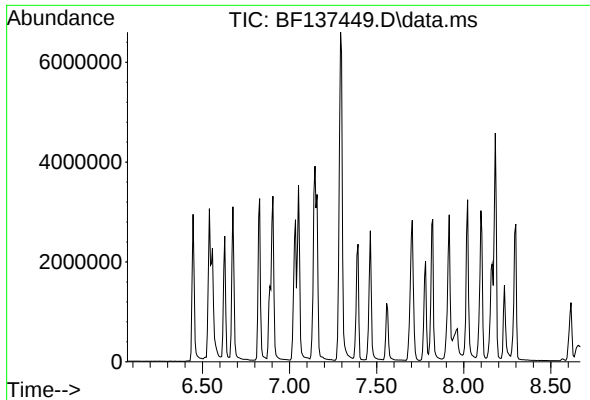
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#22
Acetophenone
Concen: 48.426 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.077 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion:105 Resp: 953448
Ion Ratio Lower Upper
105 100
71 8.4 7.7 11.5
51 38.6 30.4 45.6
120 21.2 17.4 26.0





#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.37 min

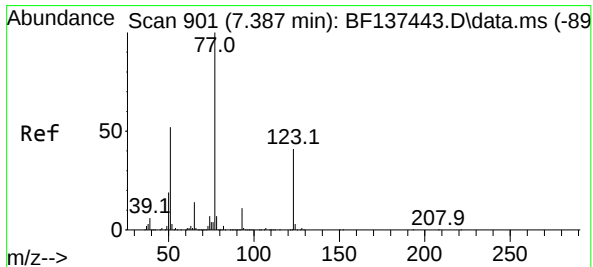
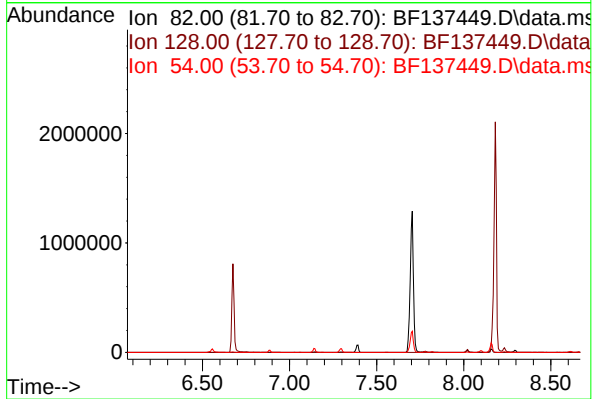
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion: 82
Sig Exp Ratio
82 100
128 40.6
54 51.9

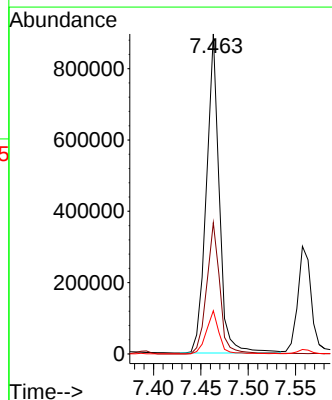
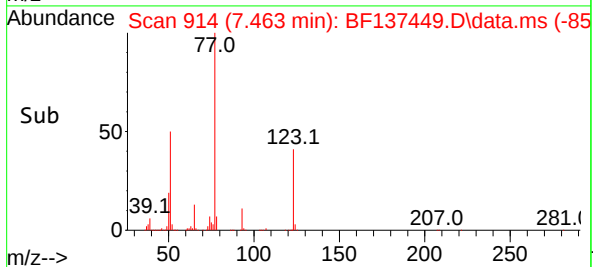
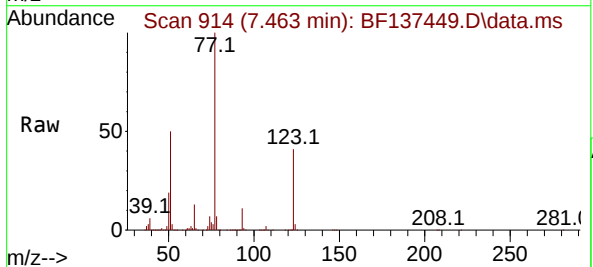
Manual Integrations
APPROVED

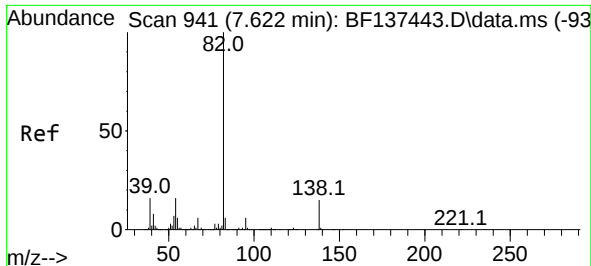
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#24
Nitrobenzene
Concen: 48.214 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion: 77 Resp: 848231
Ion Ratio Lower Upper
77 100
123 41.0 33.0 49.6
65 13.5 10.9 16.3





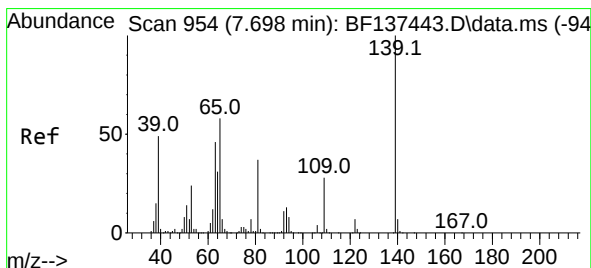
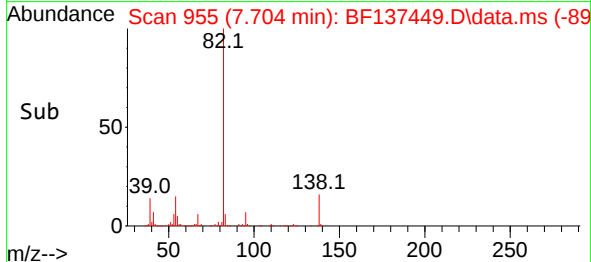
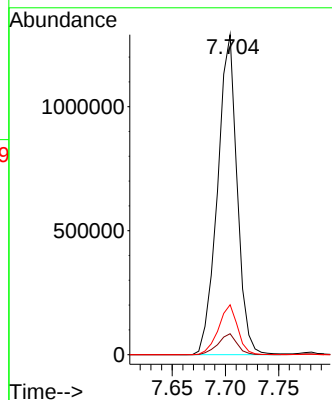
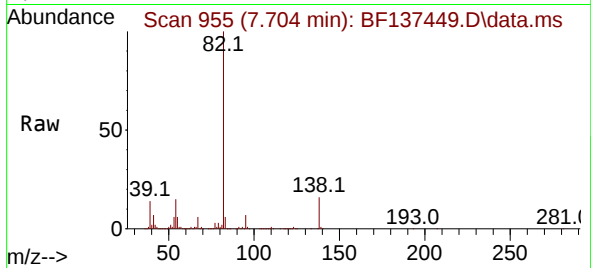
#25
Isophorone
Concen: 49.522 ng
RT: 7.704 min Scan# 911
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion: 82 Resp: 1647715
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.6 11.8 17.8

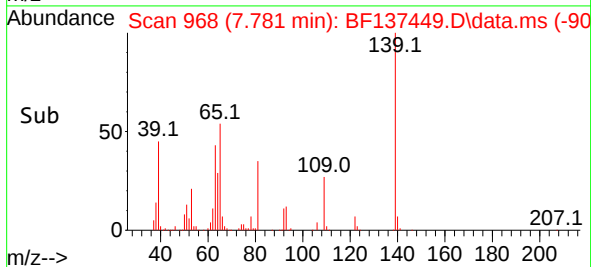
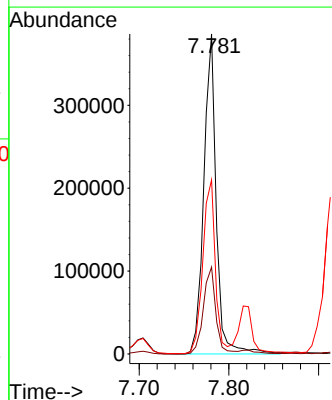
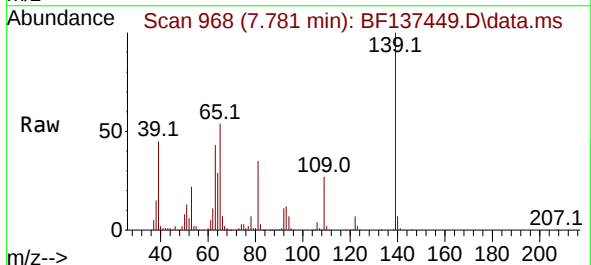
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#26
2-Nitrophenol
Concen: 53.315 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

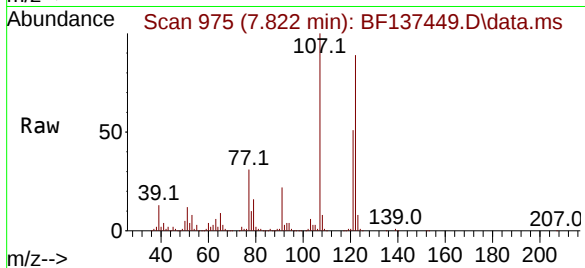
Tgt Ion:139 Resp: 372386
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.4
65 54.4 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 40.738 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

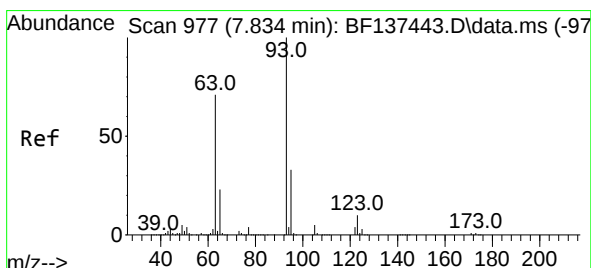
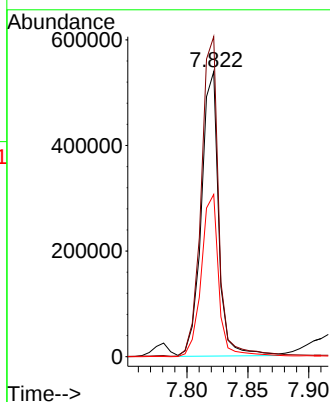
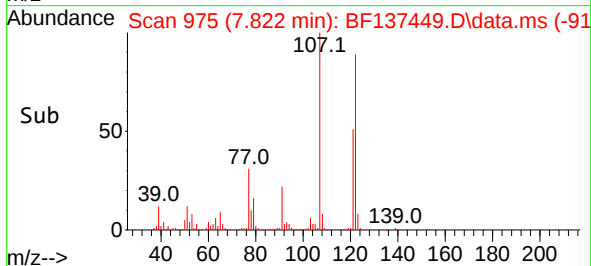
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:122 Resp: 531679
Ion Ratio Lower Upper
122 100
107 112.3 90.9 136.3
121 56.9 47.0 70.6

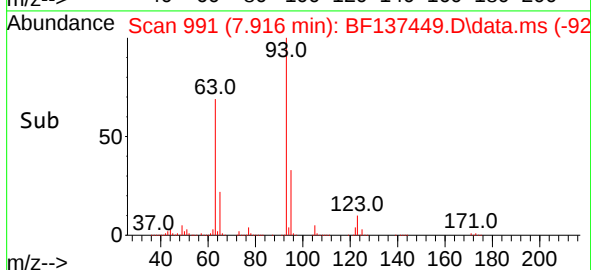
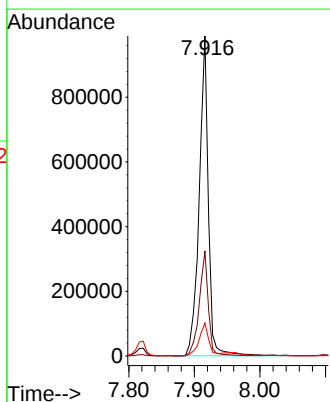
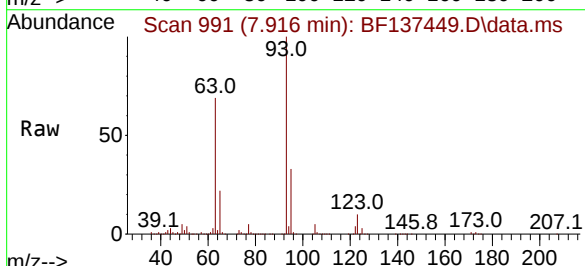
Manual Integrations
APPROVED

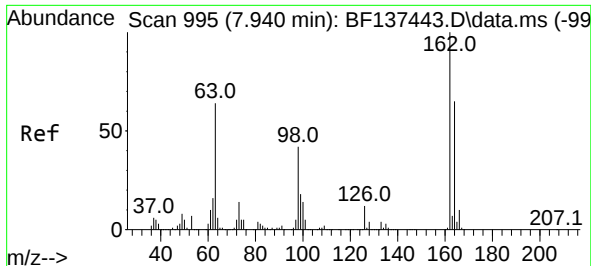
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.338 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion: 93 Resp: 963176
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 51.232 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.082 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:162 Resp: 613660

Ion Ratio Lower Upper

162 100

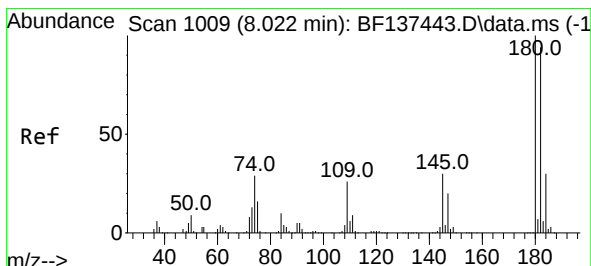
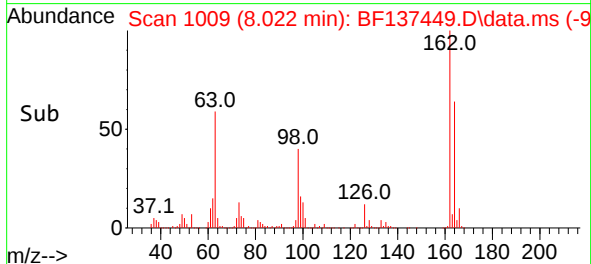
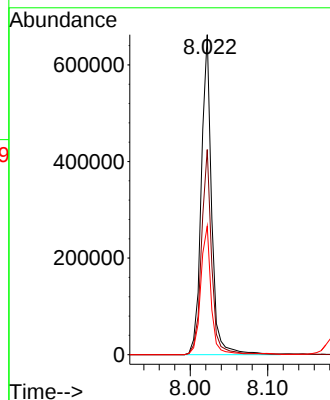
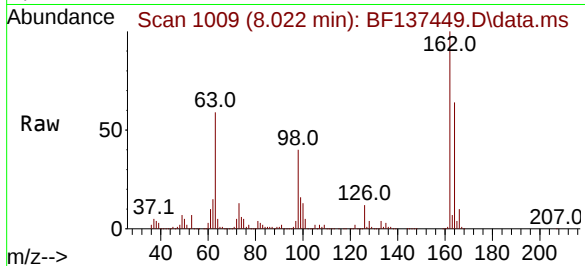
164 64.1 44.7 84.7

98 40.2 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#30

1,2,4-Trichlorobenzene

Concen: 50.575 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.076 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

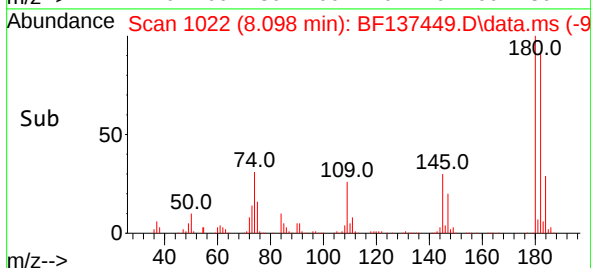
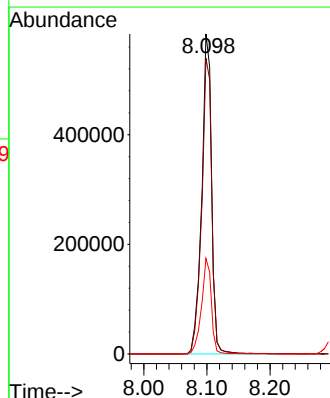
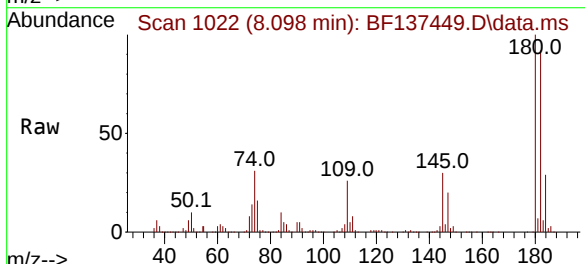
Tgt Ion:180 Resp: 637501

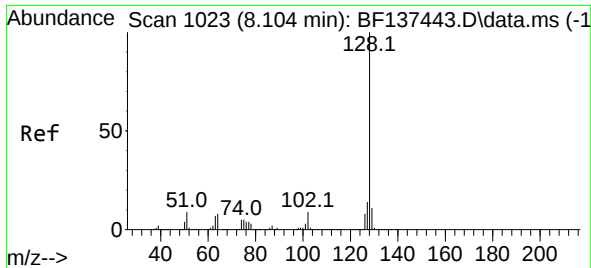
Ion Ratio Lower Upper

180 100

182 92.4 75.0 112.6

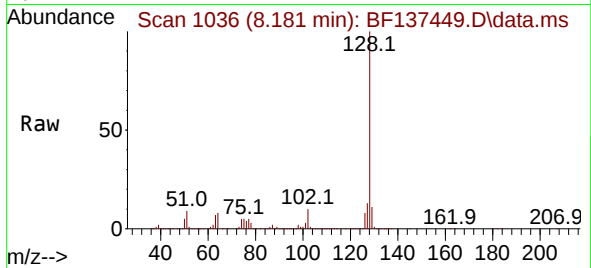
145 29.8 23.7 35.5





#31
Naphthalene
Concen: 47.924 ng
RT: 8.181 min Scan# 1023
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

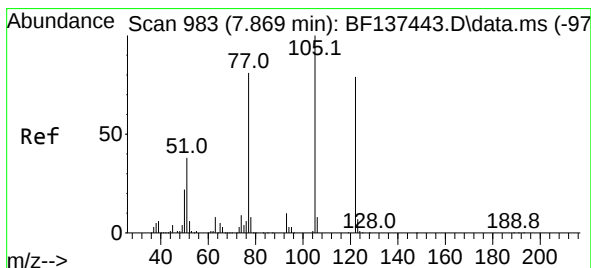
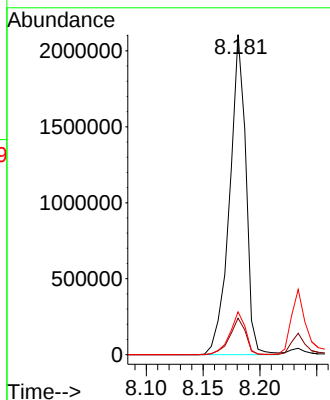
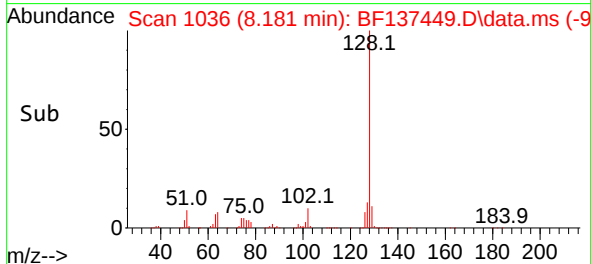
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:128 Resp: 209235
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2

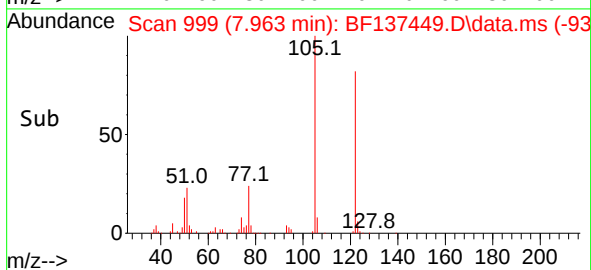
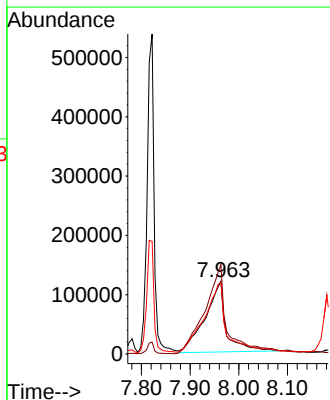
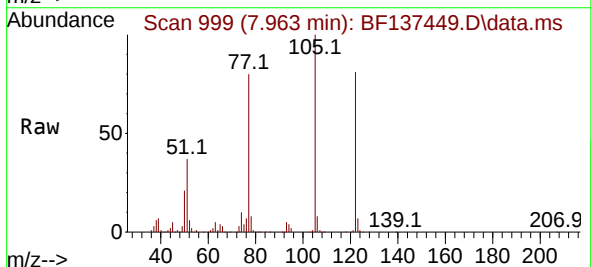
Manual Integrations
APPROVED

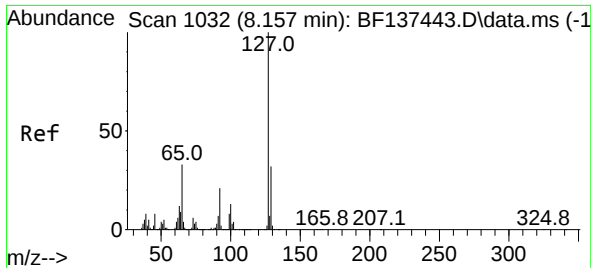
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#32
Benzoic acid
Concen: 47.765 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.094 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion:122 Resp: 358727
Ion Ratio Lower Upper
122 100
105 123.1 102.4 142.4
77 98.8 81.1 121.1





#33
4-Chloroaniline
Concen: 25.703 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

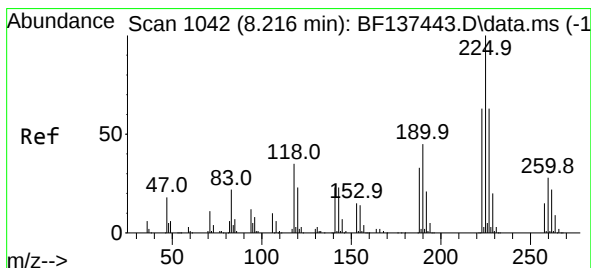
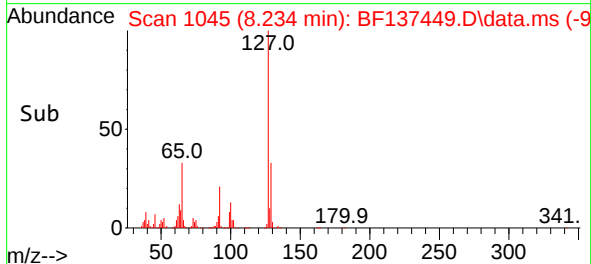
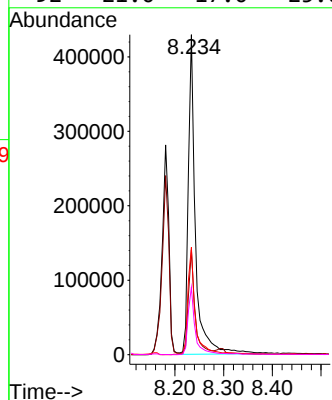
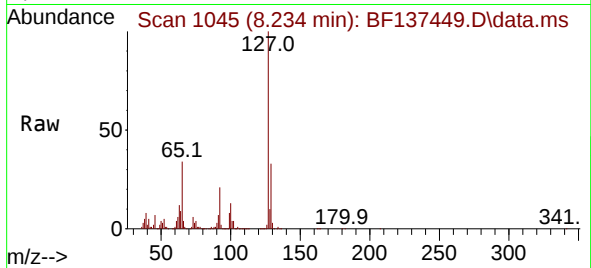
SP6439

Tgt Ion:127 Resp: 440030
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0
65 33.5 26.8 40.2
92 21.0 17.0 25.6

Manual Integrations

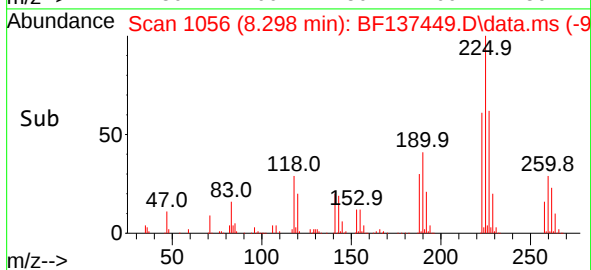
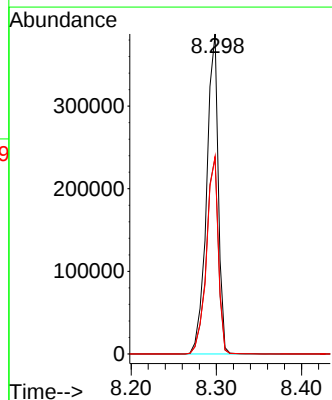
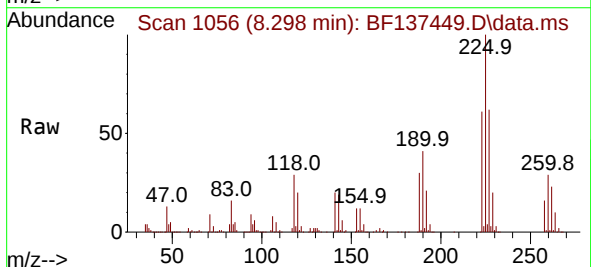
APPROVED

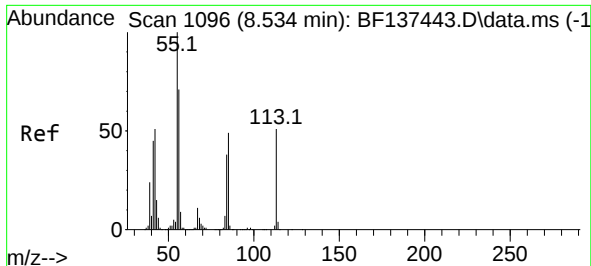
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#34
Hexachlorobutadiene
Concen: 49.466 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

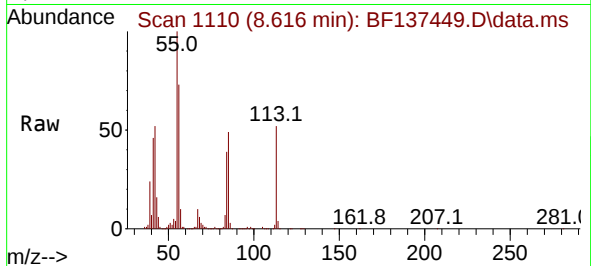
Tgt Ion:225 Resp: 368107
Ion Ratio Lower Upper
225 100
223 61.4 50.7 76.1
227 61.7 50.6 75.8





#35
Caprolactam
Concen: 51.857 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

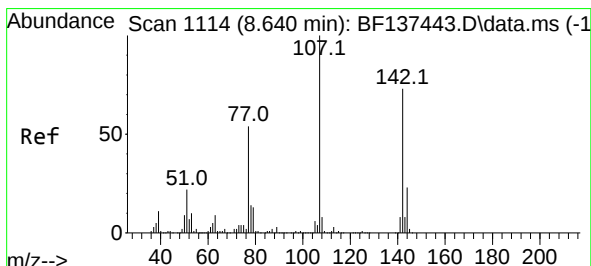
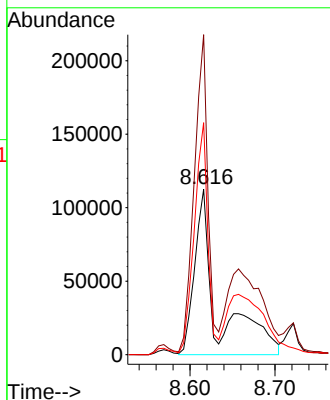
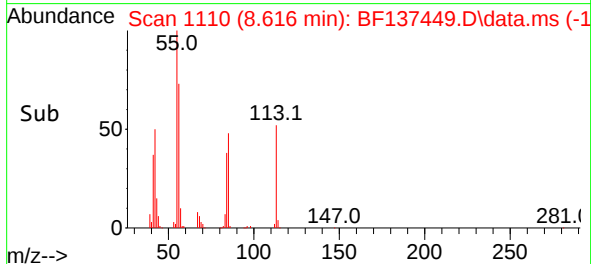
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:113 Resp: 21062
Ion Ratio Lower Upper
113 100
55 193.4 176.7 216.7
56 140.3 120.6 160.6

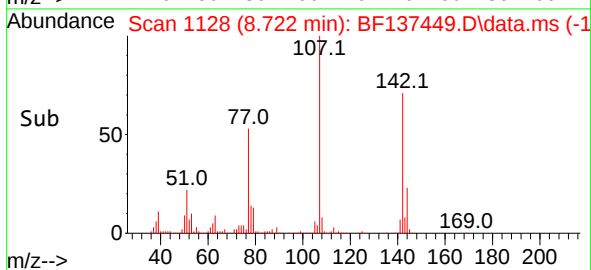
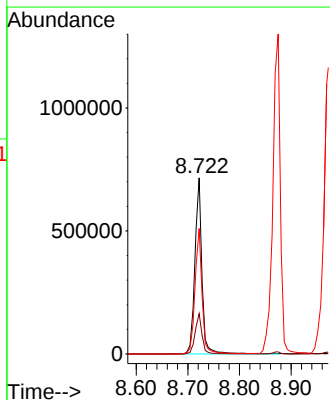
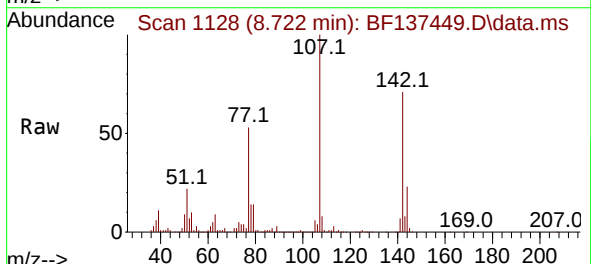
Manual Integrations
APPROVED

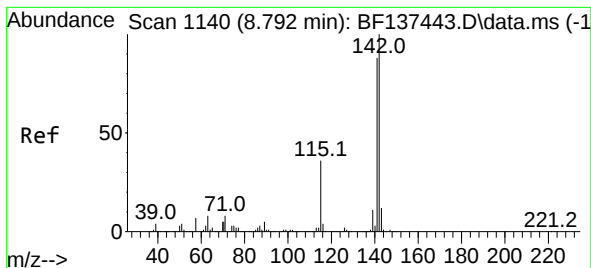
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#36
4-Chloro-3-methylphenol
Concen: 50.509 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Tgt Ion:107 Resp: 676261
Ion Ratio Lower Upper
107 100
144 22.9 18.7 28.1
142 71.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 46.933 ng

RT: 8.875 min Scan# 1114

Delta R.T. 0.082 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:142 Resp: 130629

Ion Ratio Lower Upper

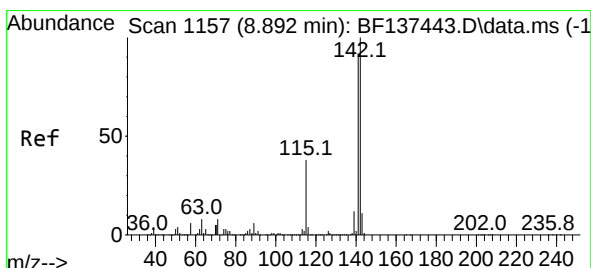
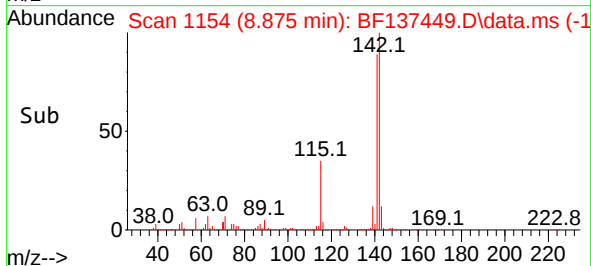
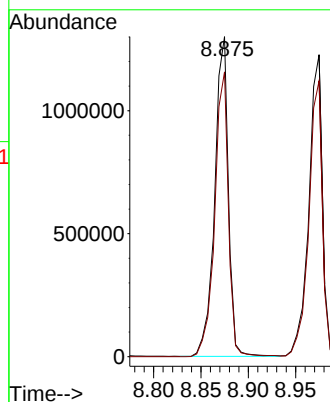
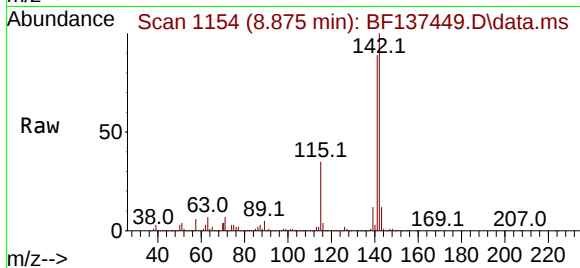
142 100

141 89.0 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#38

1-Methylnaphthalene

Concen: 46.630 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.082 min

Lab File: BF137449.D

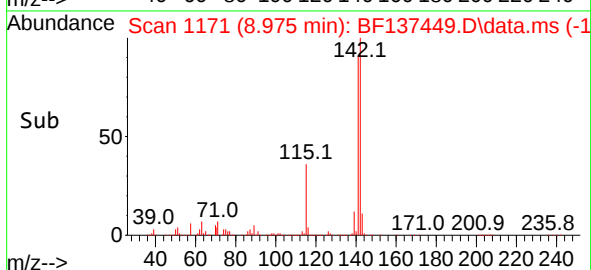
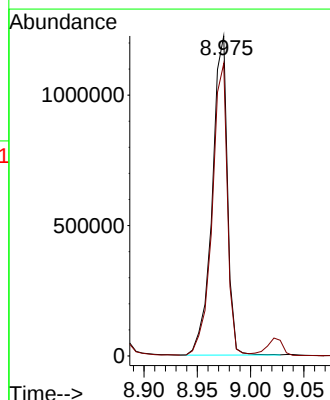
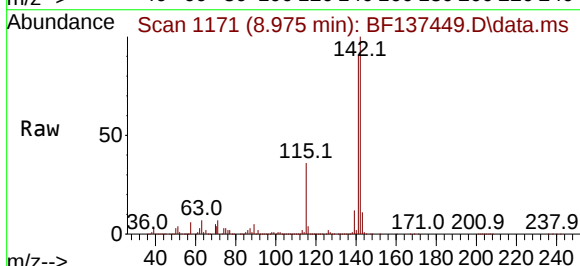
Acq: 29 Feb 2024 18:56

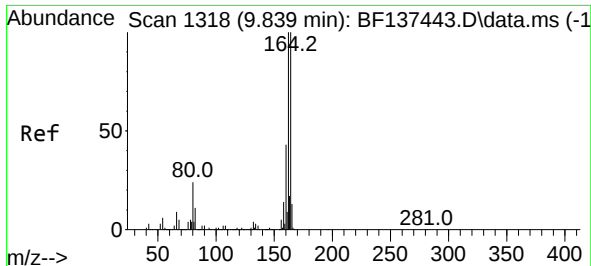
Tgt Ion:142 Resp: 1222227

Ion Ratio Lower Upper

142 100

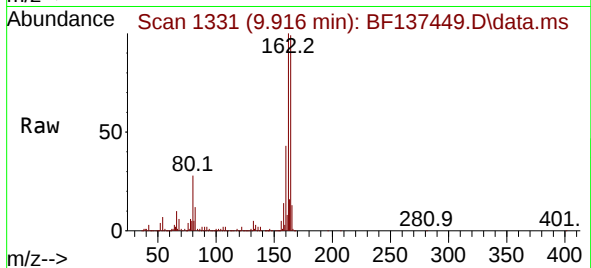
141 91.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1182
Delta R.T. 0.077 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

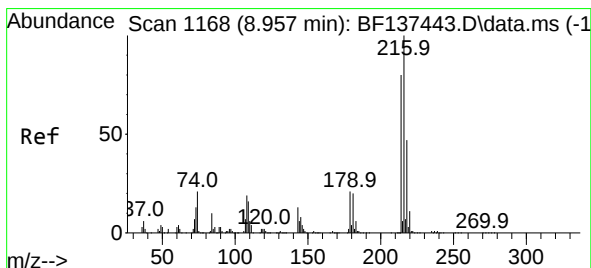
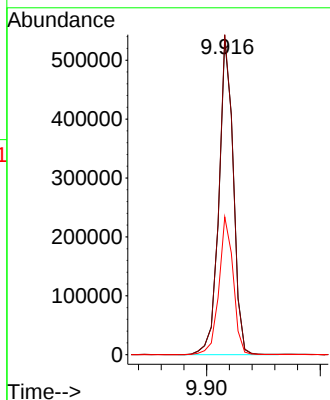
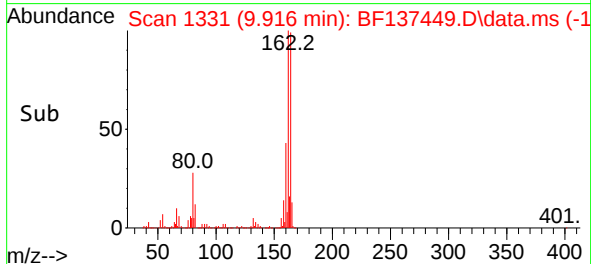
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:164 Resp: 473789
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.8
160 43.7 34.4 51.6

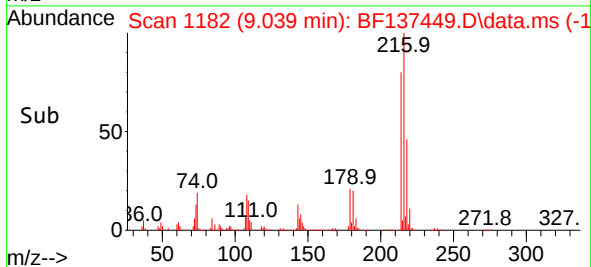
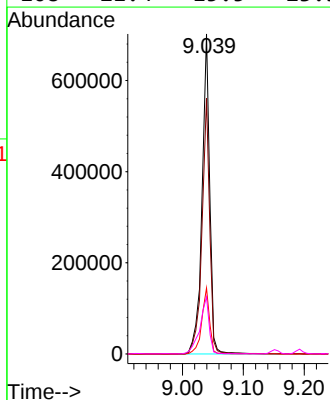
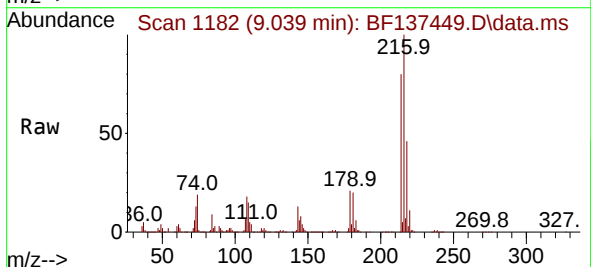
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.779 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

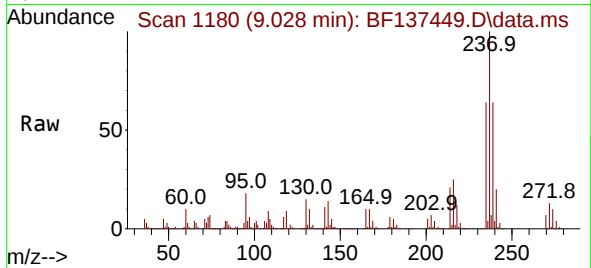
Tgt Ion:216 Resp: 618752
Ion Ratio Lower Upper
216 100
214 80.1 63.5 95.3
179 20.8 16.6 25.0
108 21.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 104.301 ng
RT: 9.028 min Scan# 1166
Delta R.T. 0.083 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

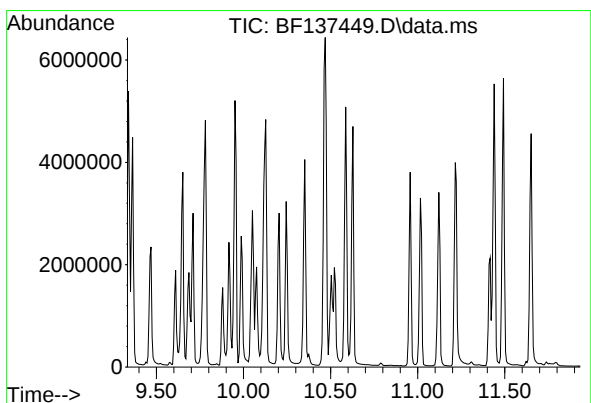
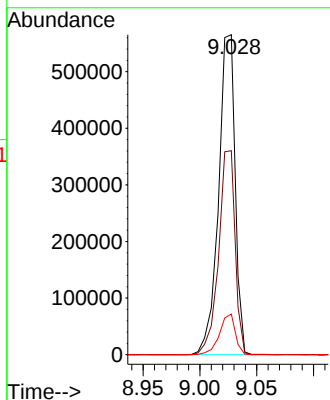
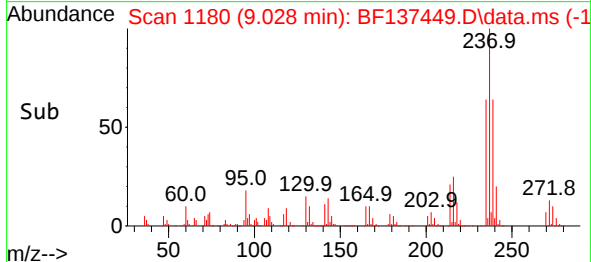
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion: 237 Resp: 578069
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 12.7 0.0 31.9

Manual Integrations
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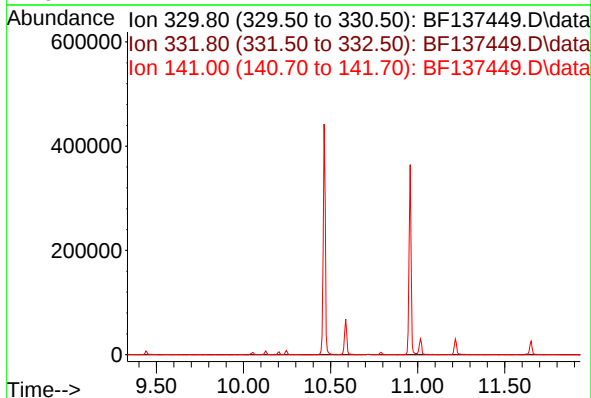
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

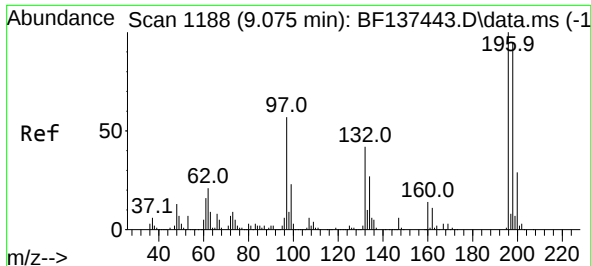


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.63 min

Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

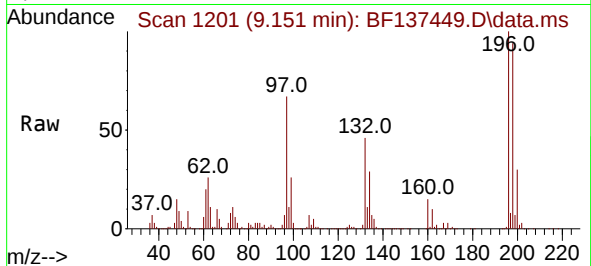
Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.5
141 34.1





#43
2,4,6-Trichlorophenol
Concen: 49.271 ng
RT: 9.151 min Scan# 1188
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

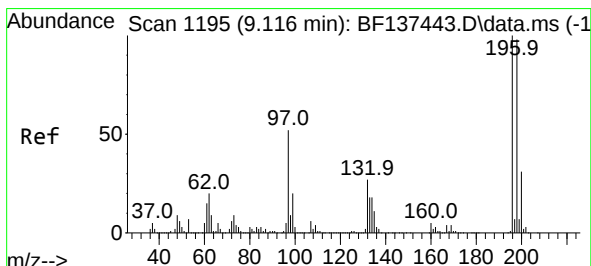
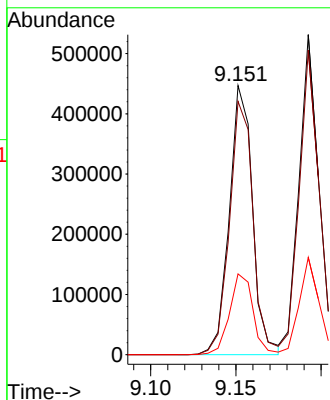
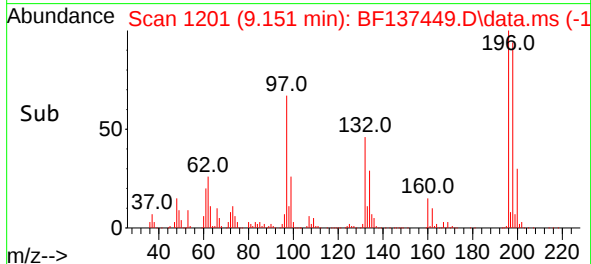
Instrument :
BNA_F
ClientSampleId :
SP6439



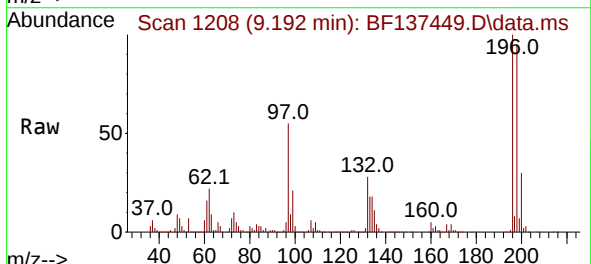
Tgt Ion:196 Resp: 424394
Ion Ratio Lower Upper
196 100
198 94.2 75.8 113.8
200 30.0 23.5 35.3

Manual Integrations
APPROVED

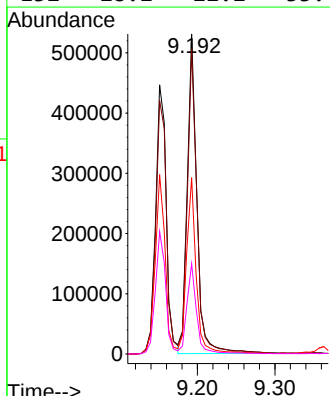
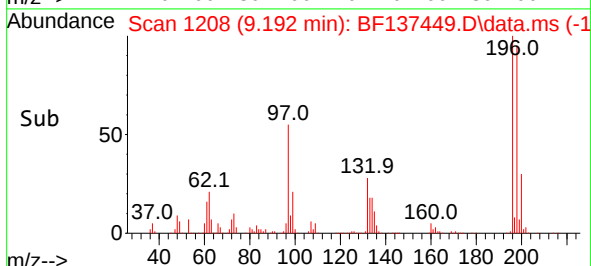
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

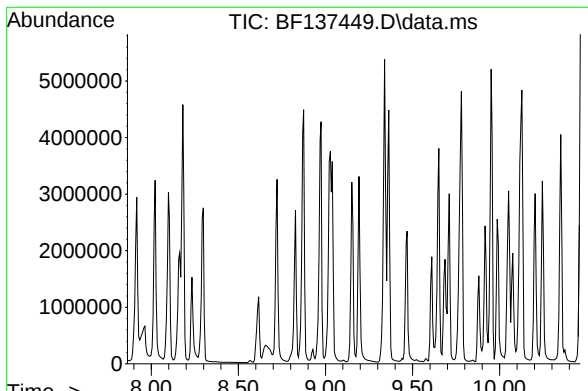


#44
2,4,5-Trichlorophenol
Concen: 46.336 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion:196 Resp: 459758
Ion Ratio Lower Upper
196 100
198 95.1 78.6 117.8
97 55.1 41.8 62.8
132 28.2 22.2 33.4





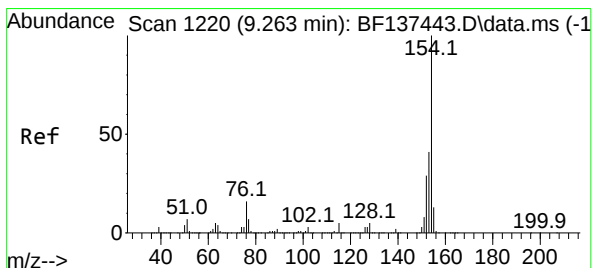
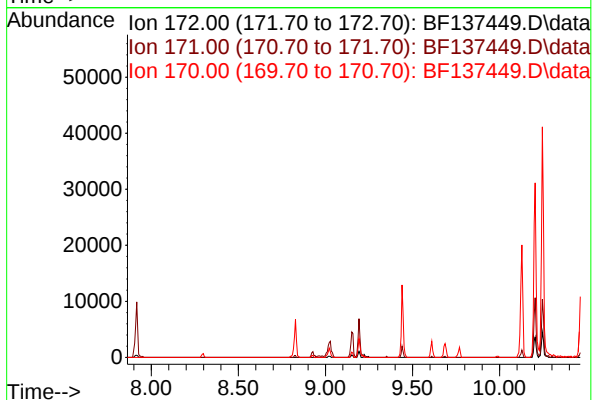
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SP6439

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.6
 170 23.8

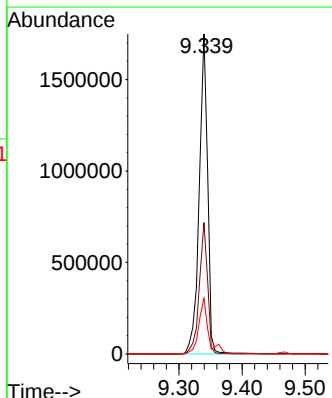
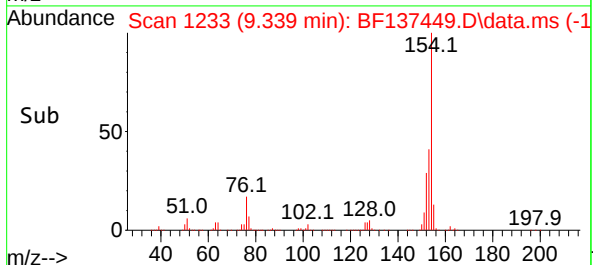
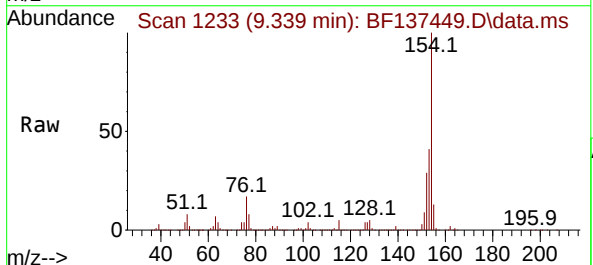
Manual Integrations
 APPROVED

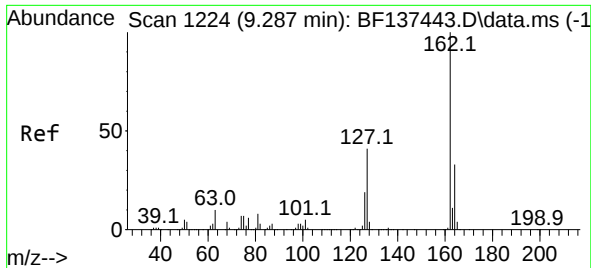
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024



#46
 1,1'-Biphenyl
 Concen: 46.493 ng
 RT: 9.339 min Scan# 1233
 Delta R.T. 0.076 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

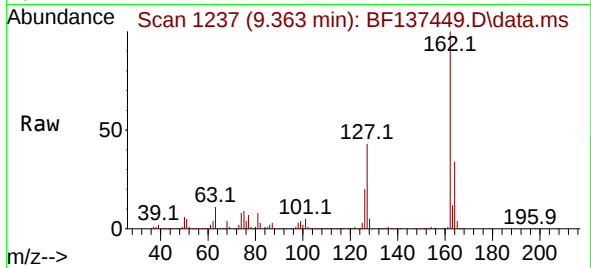
Tgt Ion:154 Resp: 1612256
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.0 61.0
 76 17.4 0.0 35.8





#47
2-Chloronaphthalene
Concen: 47.149 ng
RT: 9.363 min Scan# 1224
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

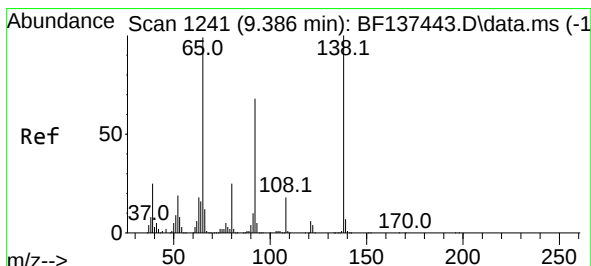
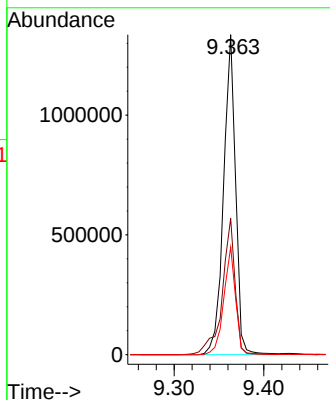
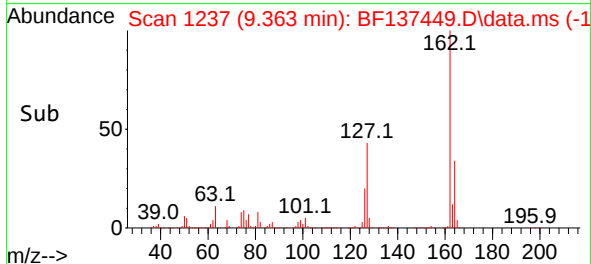
Instrument :
BNA_F
ClientSampleId :
SP6439



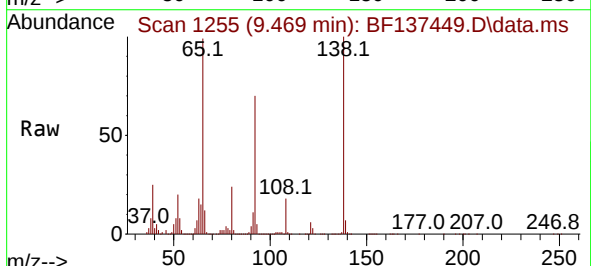
Tgt Ion:162 Resp: 1246530
Ion Ratio Lower Upper
162 100
127 42.6 32.6 49.0
164 33.6 26.5 39.7

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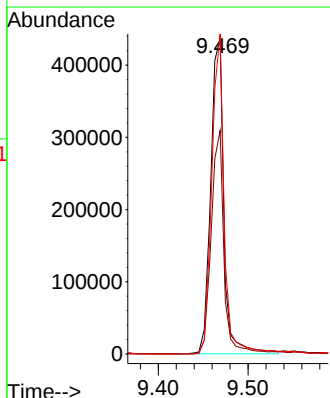
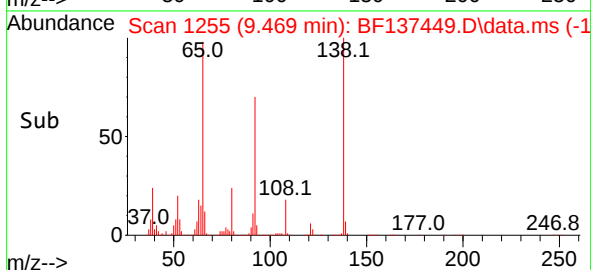
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

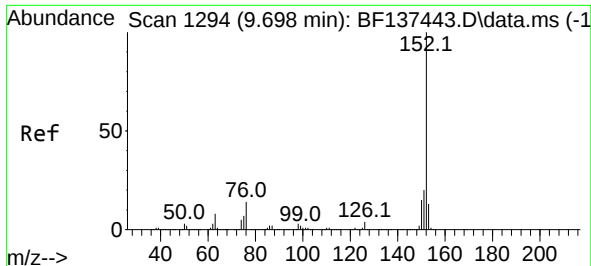


#48
2-Nitroaniline
Concen: 49.400 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion: 65 Resp: 443919
Ion Ratio Lower Upper
65 100
92 70.9 55.4 83.2
138 101.5 81.0 121.6





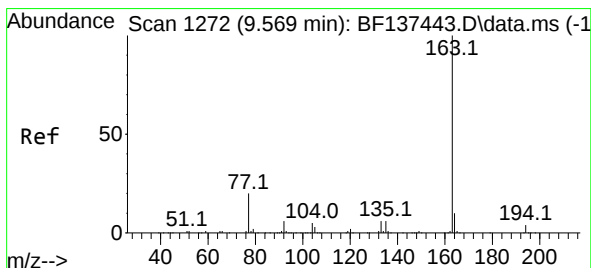
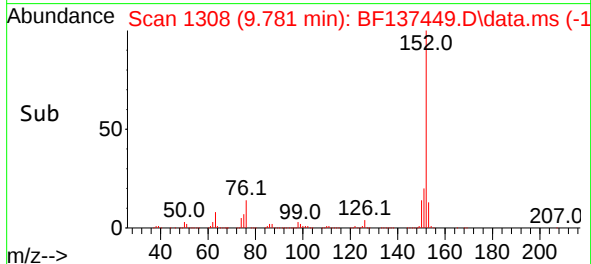
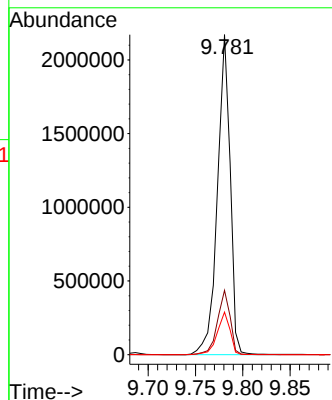
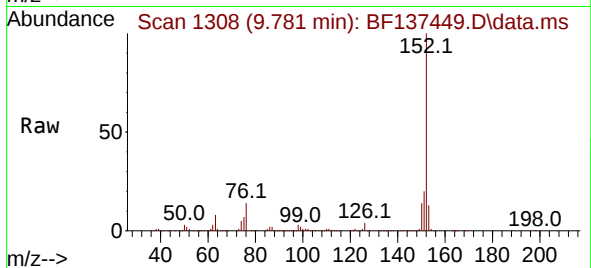
#49
Acenaphthylene
Concen: 47.906 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion:152 Resp: 202694
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.8 16.2

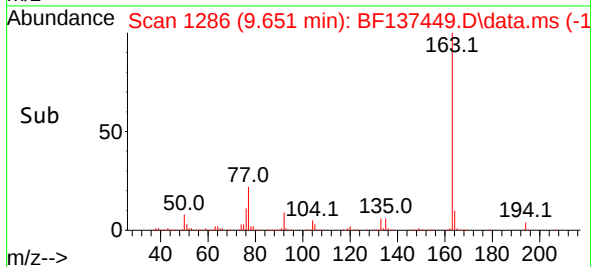
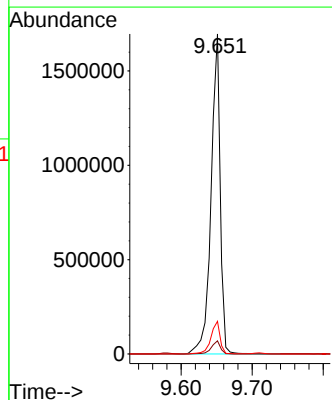
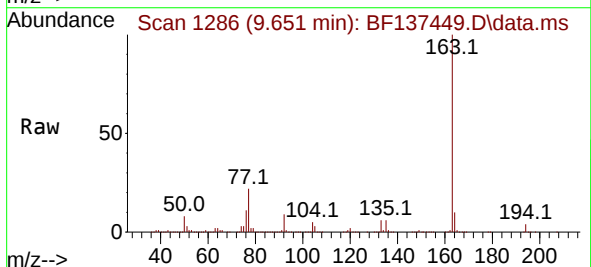
Manual Integrations
APPROVED

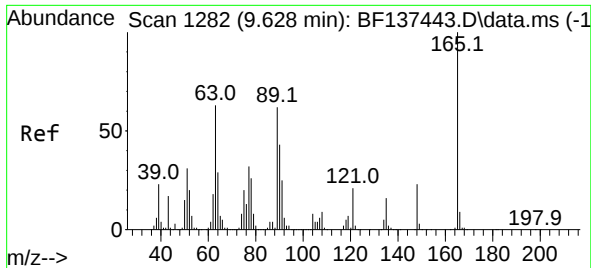
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#50
Dimethylphthalate
Concen: 46.220 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

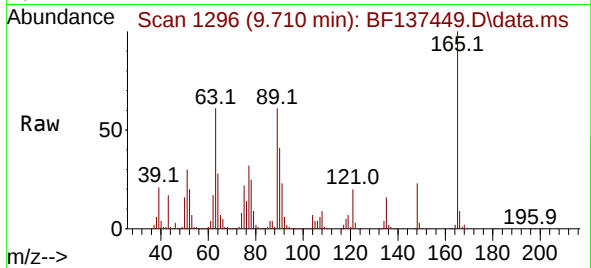
Tgt Ion:163 Resp: 1524393
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.051 ng
RT: 9.710 min Scan# 1337
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

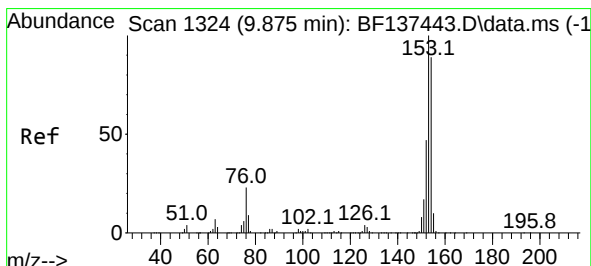
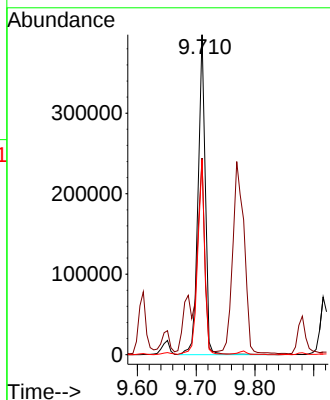
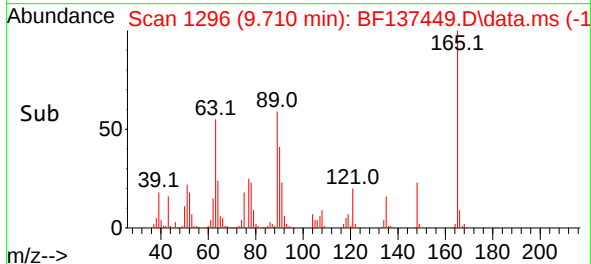
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:165 Resp: 338372
Ion Ratio Lower Upper
165 100
63 61.4 50.7 76.1
89 61.0 50.0 75.0

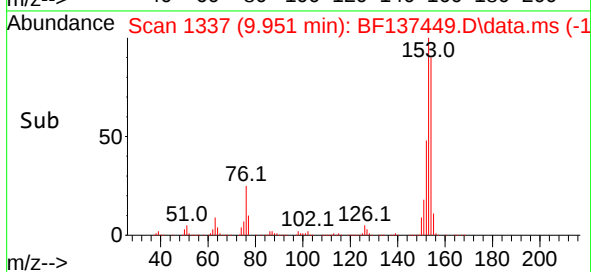
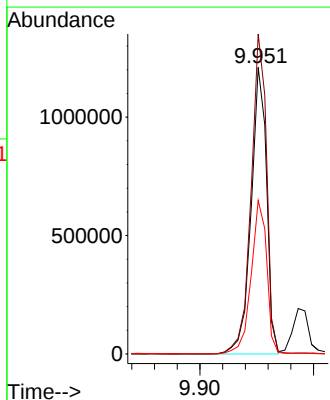
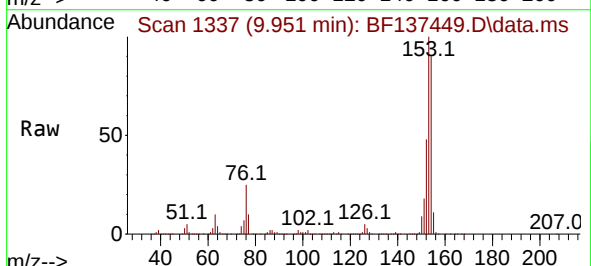
Manual Integrations
APPROVED

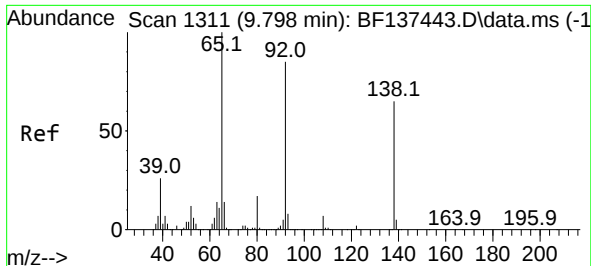
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#52
Acenaphthene
Concen: 45.266 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.076 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

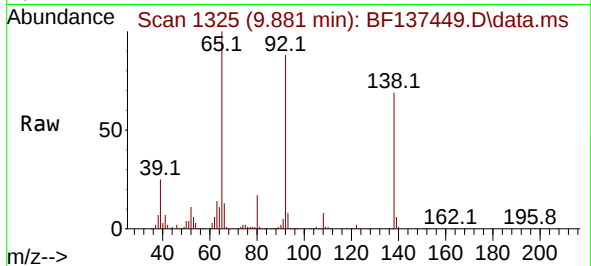
Tgt Ion:154 Resp: 1143406
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 53.6 42.7 64.1





#53
3-Nitroaniline
Concen: 30.880 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

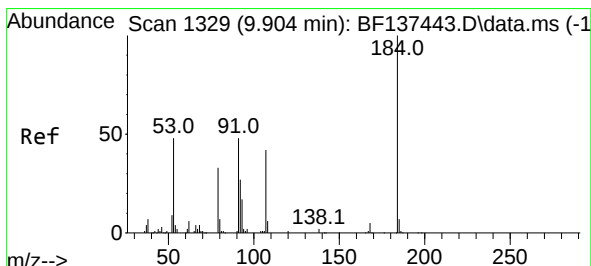
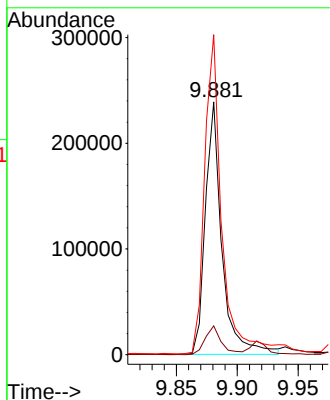
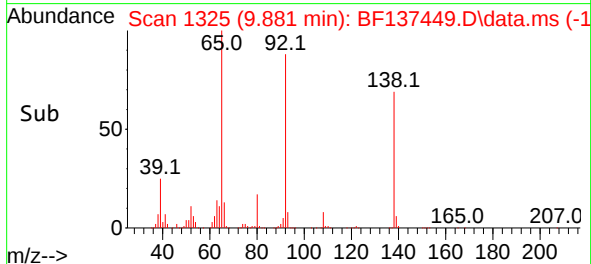
Instrument :
BNA_F
ClientSampleId :
SP6439



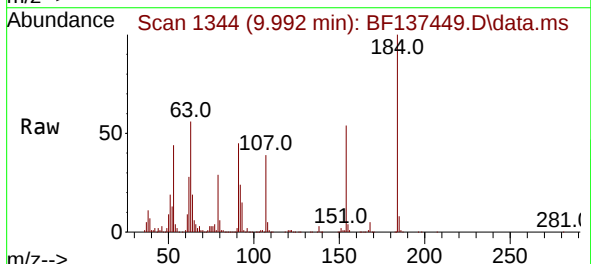
Tgt Ion:138 Resp: 22532
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 126.6 104.6 157.0

Manual Integrations
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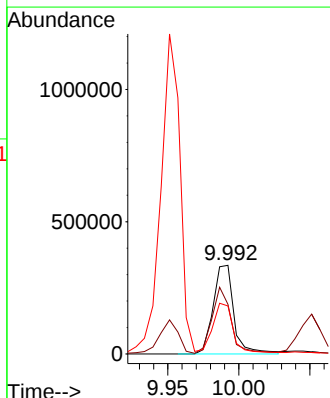
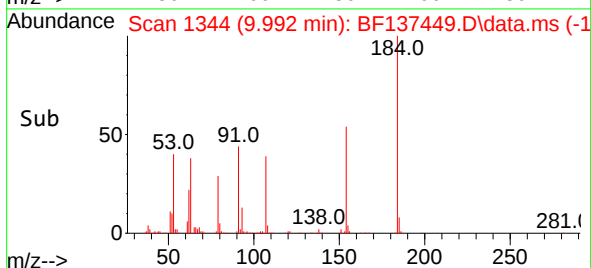
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

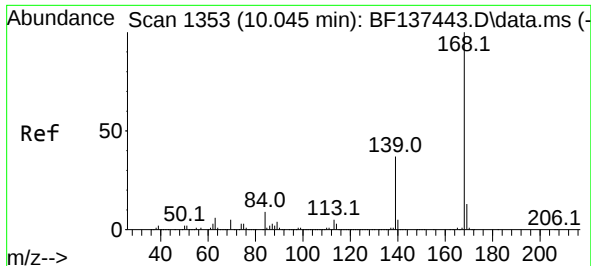


#54
2,4-Dinitrophenol
Concen: 98.945 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



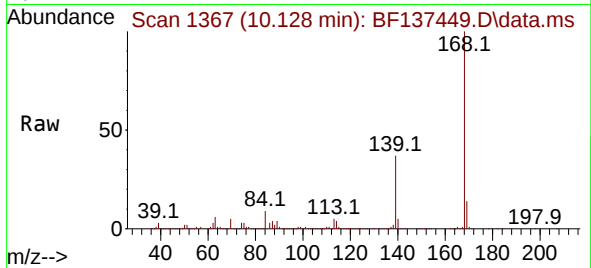
Tgt Ion:184 Resp: 340220
Ion Ratio Lower Upper
184 100
63 55.9 53.3 79.9
154 54.2 47.4 71.0





#55
Dibenzenofuran
Concen: 45.198 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

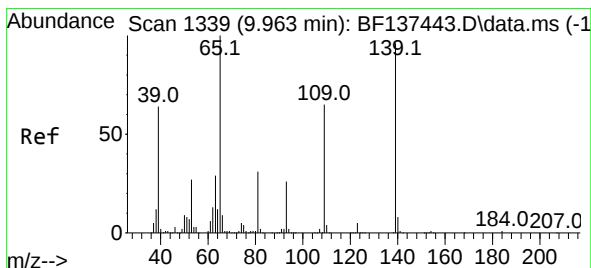
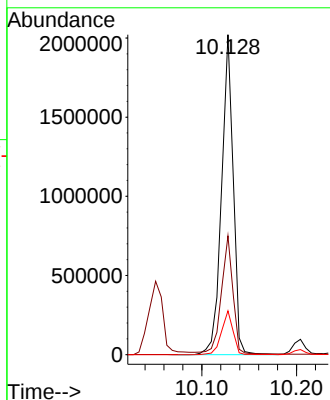
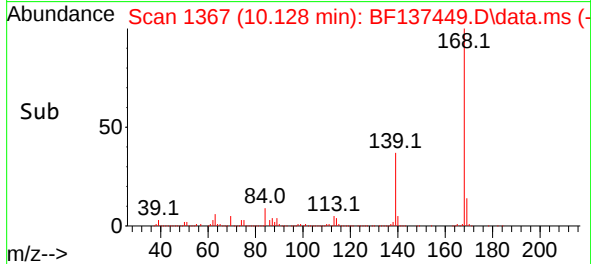
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:168 Resp: 173888
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.7 10.8 16.2

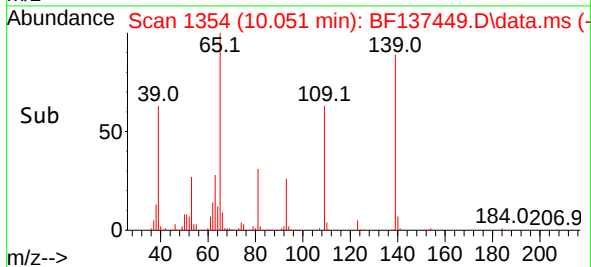
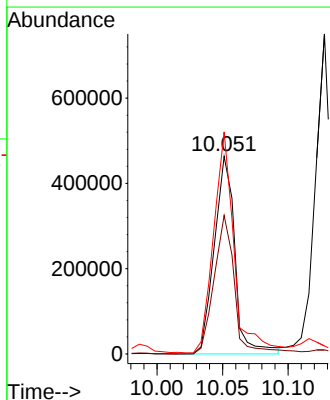
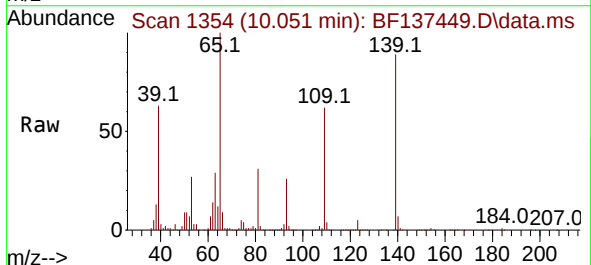
Manual Integrations
APPROVED

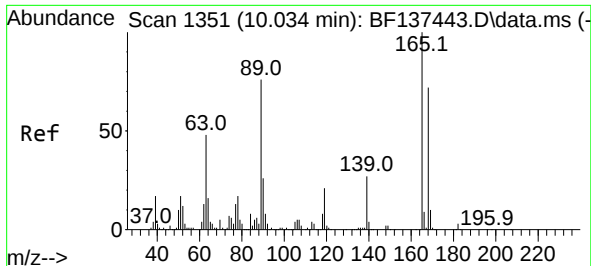
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#56
4-Nitrophenol
Concen: 96.362 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

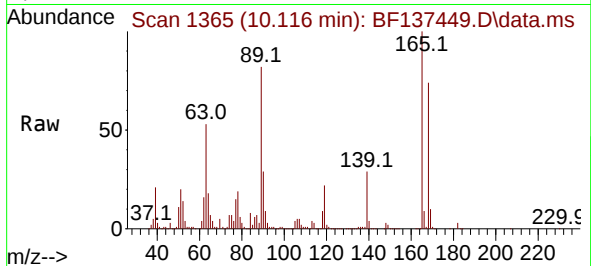
Tgt Ion:139 Resp: 505331
Ion Ratio Lower Upper
139 100
109 70.1 47.1 87.1
65 112.4 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 50.812 ng
RT: 10.116 min Scan# 1426
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

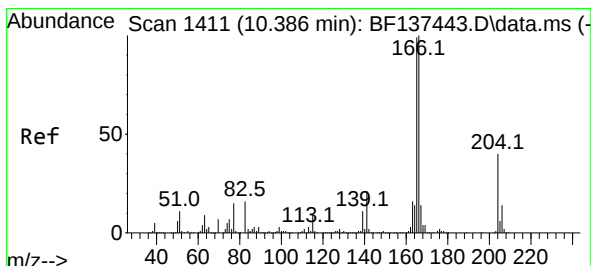
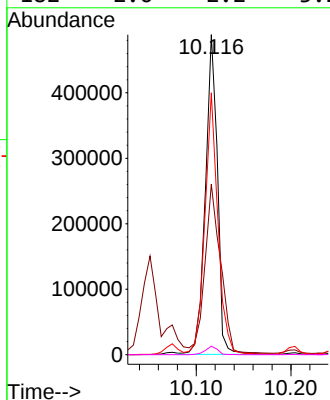
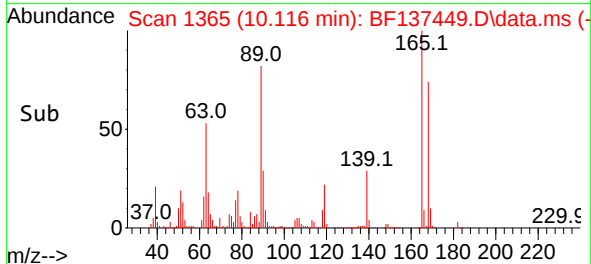
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:165 Resp: 430630
Ion Ratio Lower Upper
165 100
63 53.3 39.0 58.6
89 81.9 60.9 91.3
182 2.6 2.2 3.2

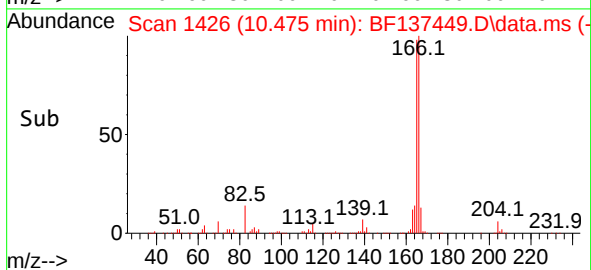
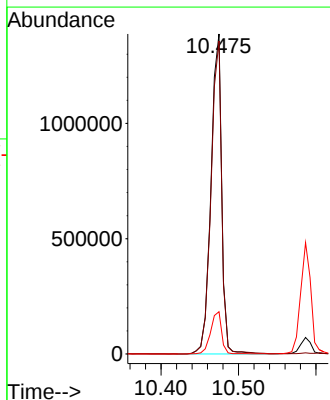
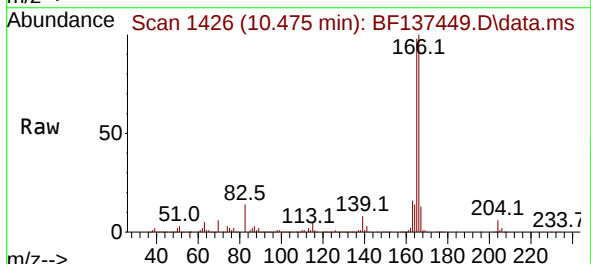
Manual Integrations
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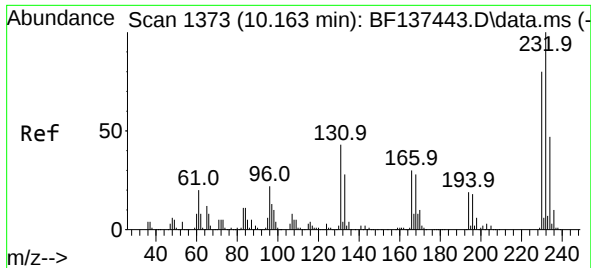
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#58
Fluorene
Concen: 45.004 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

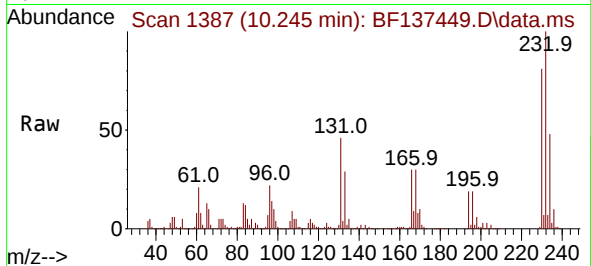
Tgt Ion:166 Resp: 1329706
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.131 ng m
RT: 10.245 min Scan# 1405
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

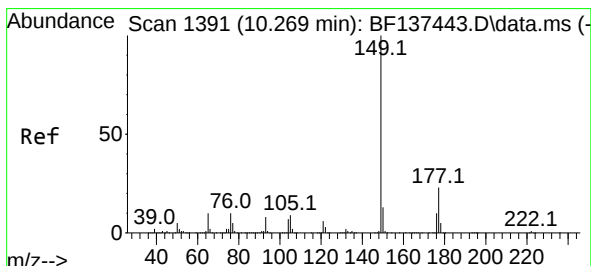
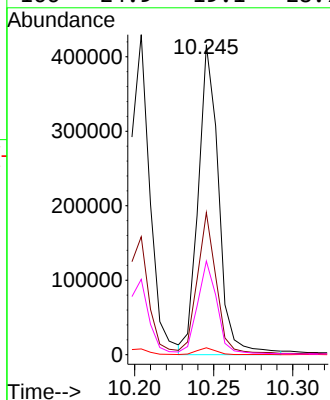
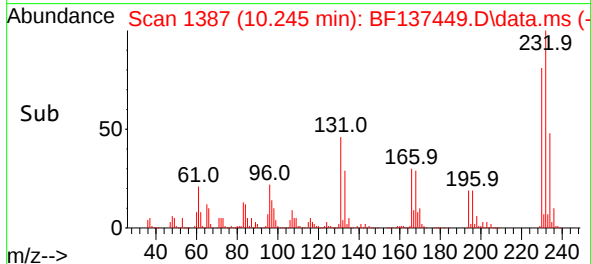
Instrument :
BNA_F
ClientSampleId :
SP6439



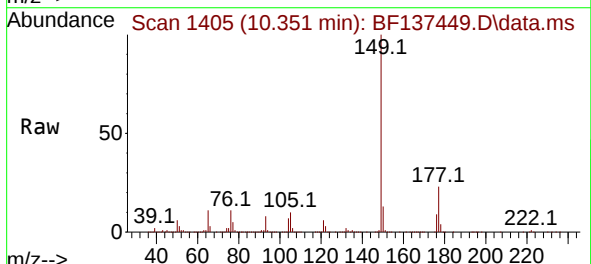
Tgt Ion:232 Resp: 37501
Ion Ratio Lower Upper
232 100
131 39.3 31.2 46.8
130 2.1 1.8 2.6
166 24.9 19.1 28.7

Manual Integrations
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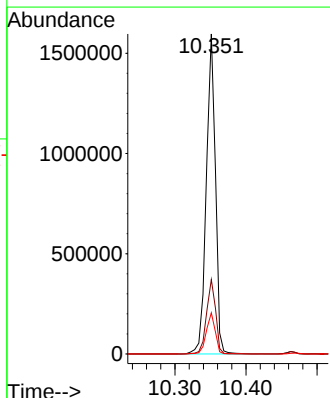
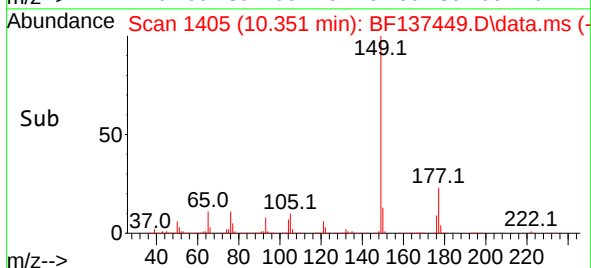
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

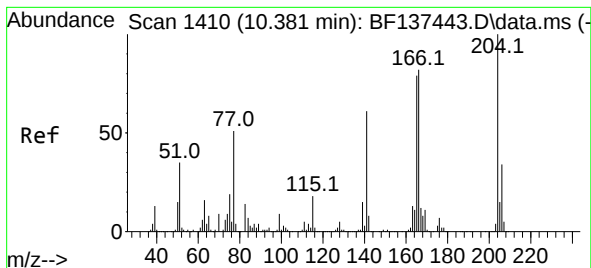


#60
Diethylphthalate
Concen: 45.929 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion:149 Resp: 1430465
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.9 10.2 15.4





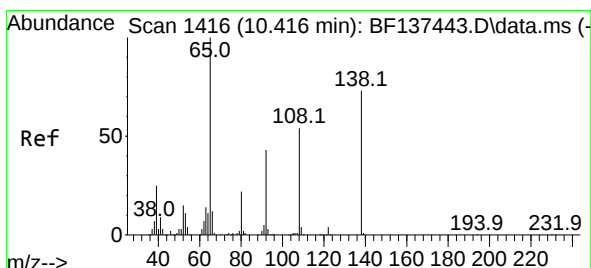
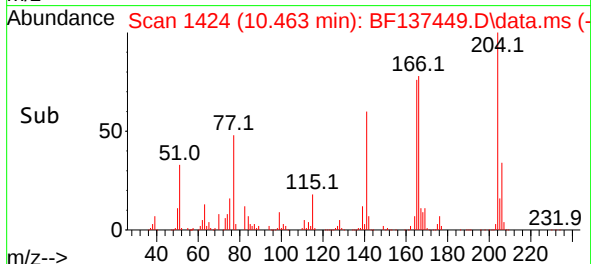
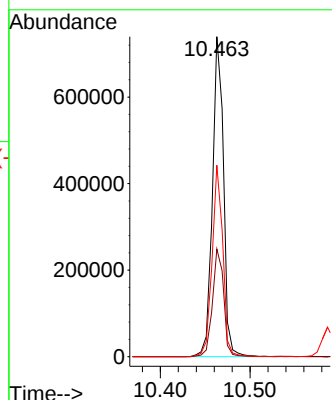
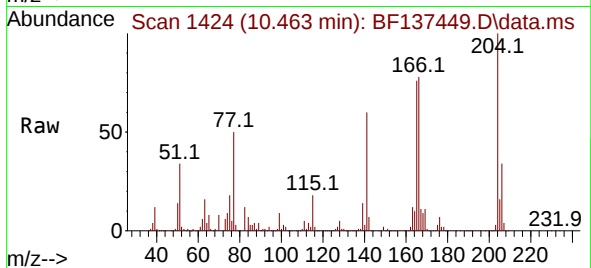
#61
4-Chlorophenyl-phenylether
Concen: 43.734 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion:204 Resp: 633290
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.0
141 59.8 48.4 72.6

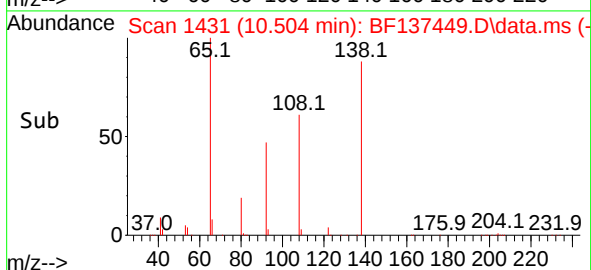
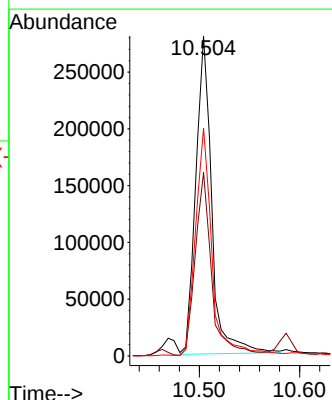
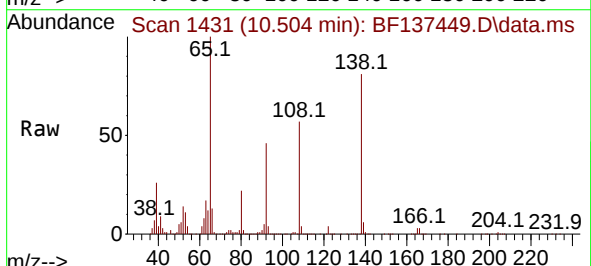
Manual Integrations
APPROVED

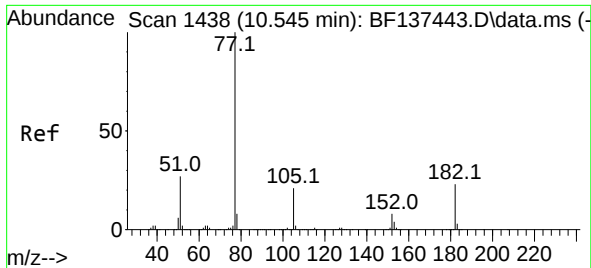
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#62
4-Nitroaniline
Concen: 49.277 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

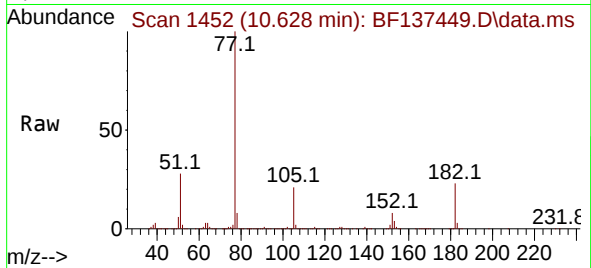
Tgt Ion:138 Resp: 309032
Ion Ratio Lower Upper
138 100
92 57.4 37.9 77.9
108 71.2 53.2 93.2





#63
Azobenzene
Concen: 46.649 ng
RT: 10.628 min Scan# 1438
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

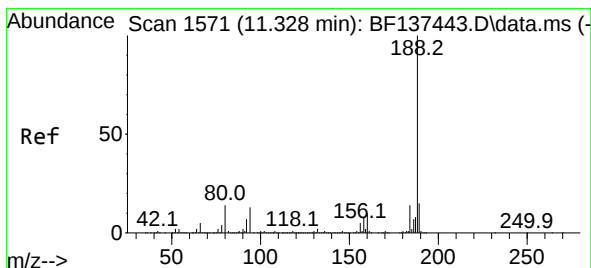
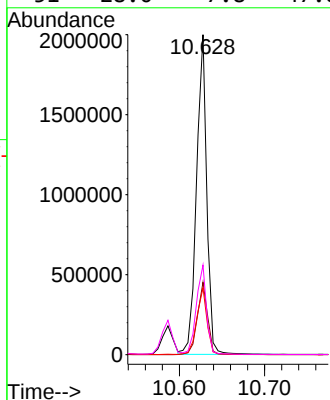
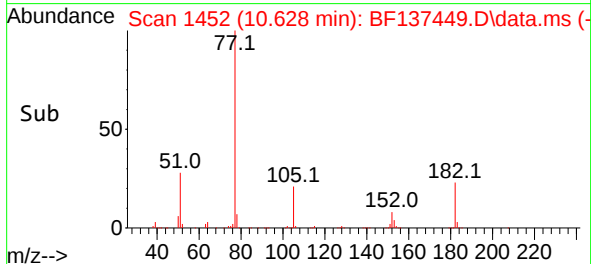
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion: 77 Resp: 167297
Ion Ratio Lower Upper
77 100
182 22.6 3.2 43.2
105 20.9 1.2 41.2
51 28.0 7.8 47.8

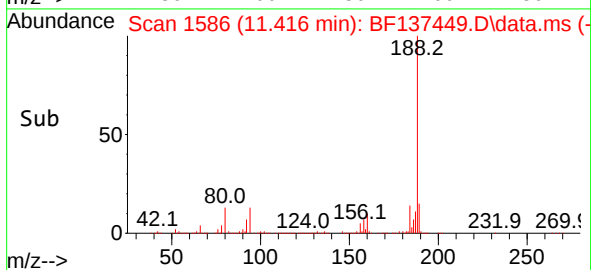
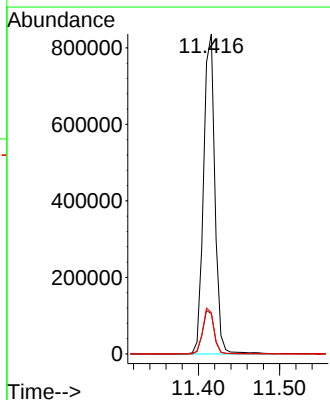
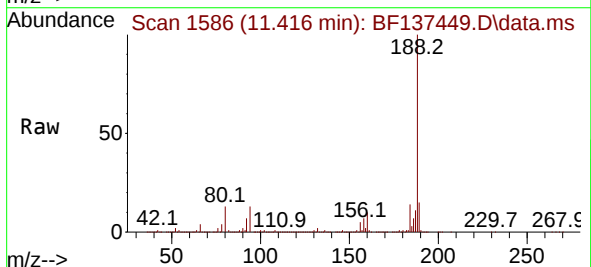
Manual Integrations
APPROVED

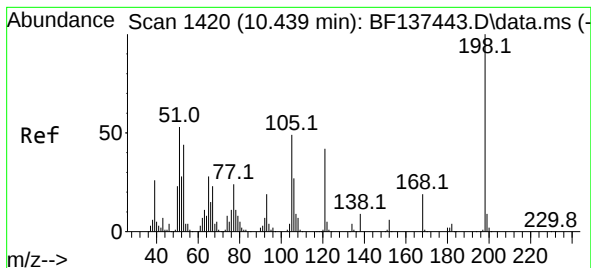
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

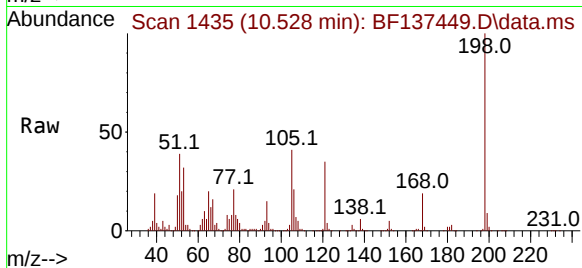
Tgt Ion:188 Resp: 811175
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.0 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 54.084 ng
RT: 10.528 min Scan# 1445
Delta R.T. 0.089 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

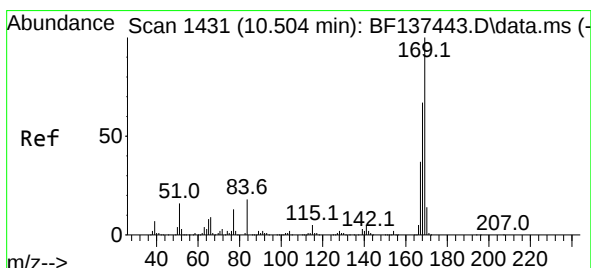
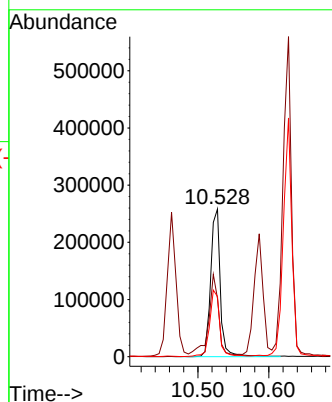
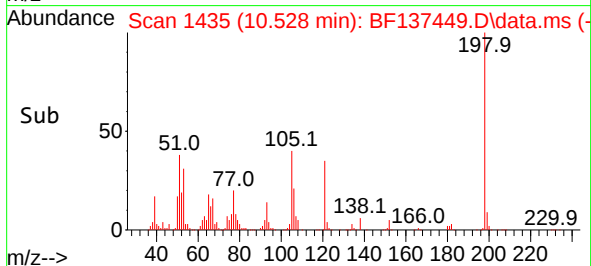
Instrument :
BNA_F
ClientSampleId :
SP6439



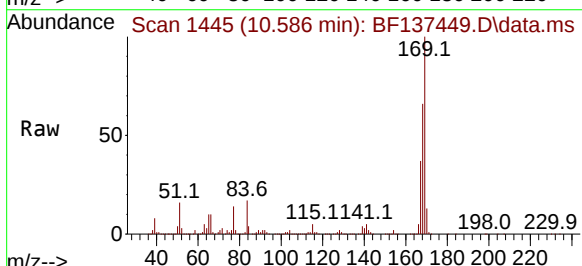
Tgt Ion:198 Resp: 244510
Ion Ratio Lower Upper
198 100
51 39.4 37.2 77.2
105 40.7 29.2 69.2

Manual Integrations
APPROVED

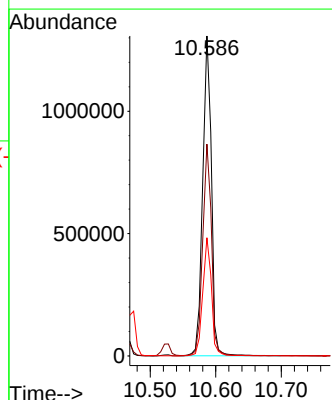
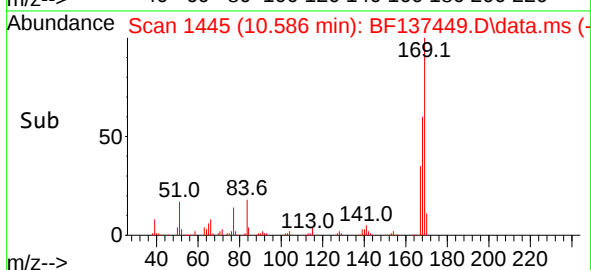
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

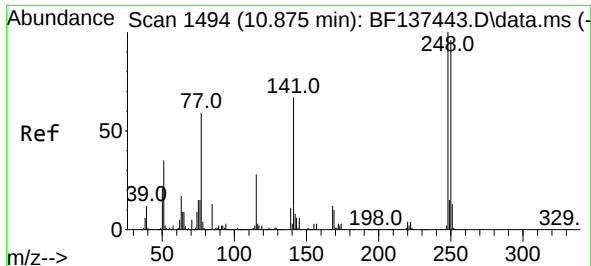


#66
n-Nitrosodiphenylamine
Concen: 46.345 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



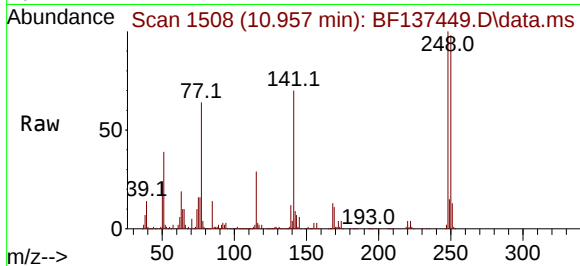
Tgt Ion:169 Resp: 1210581
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.051 ng
RT: 10.957 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

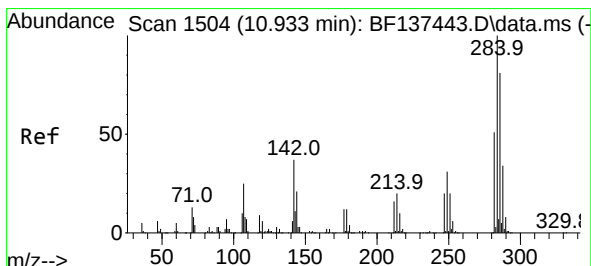
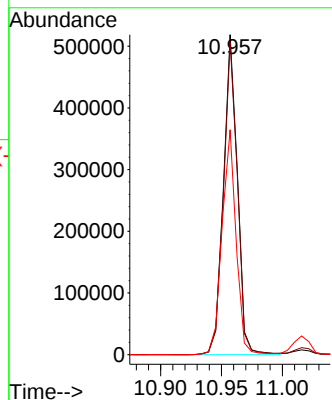
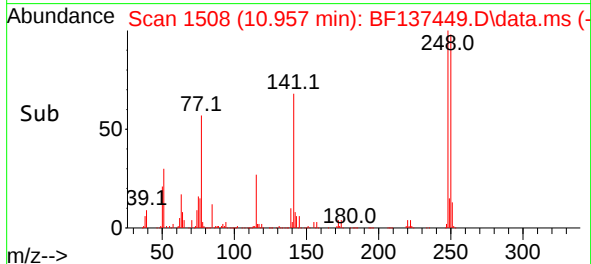
Instrument :
BNA_F
ClientSampleId :
SP6439



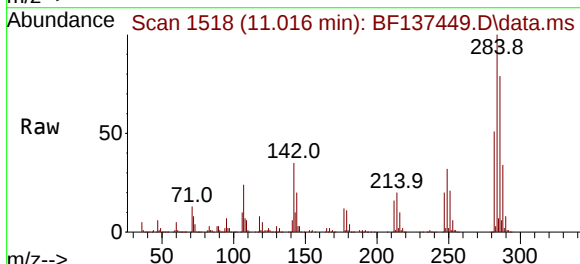
Tgt Ion:248 Resp: 415704
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 70.3 53.4 80.0

Manual Integrations
APPROVED

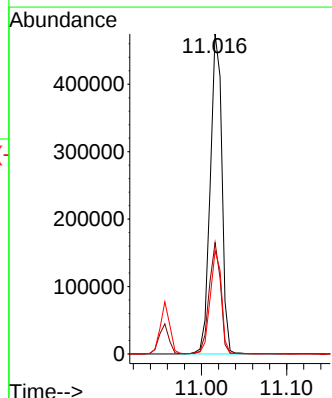
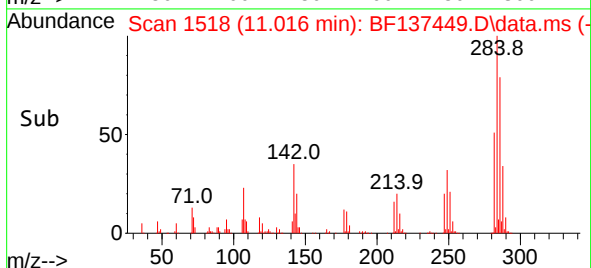
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

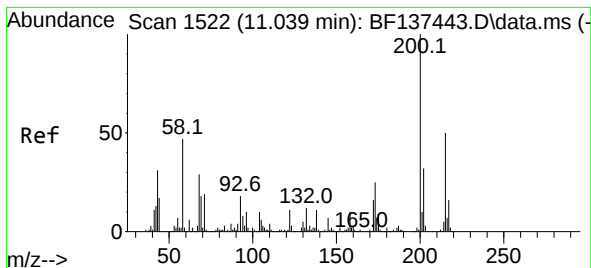


#68
Hexachlorobenzene
Concen: 50.542 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion:284 Resp: 451021
Ion Ratio Lower Upper
284 100
142 34.8 29.4 44.0
249 32.2 25.0 37.4





#69

Atrazine

Concen: 49.821 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.082 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:200 Resp: 39561

Ion Ratio Lower Upper

200 100

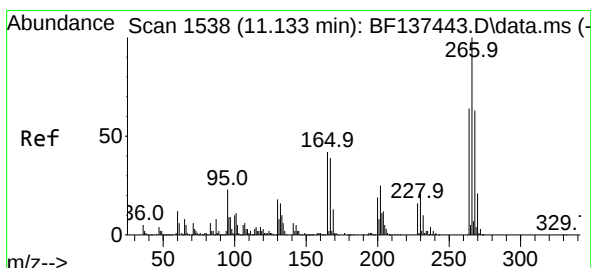
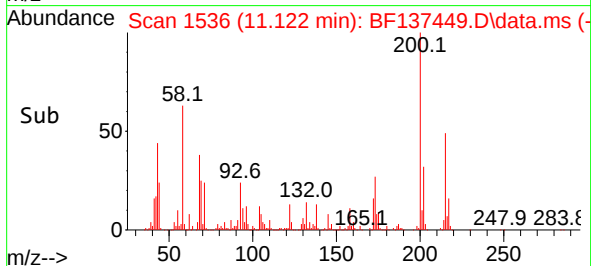
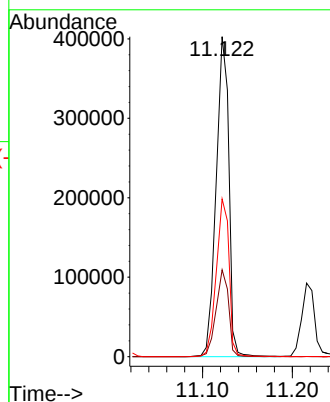
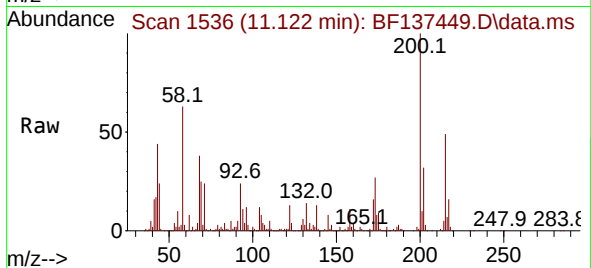
173 27.2 5.1 45.1

215 49.3 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#70

Pentachlorophenol

Concen: 95.096 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.089 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

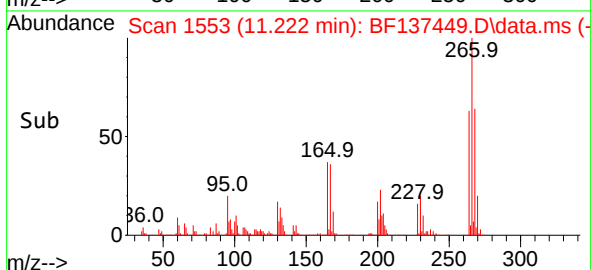
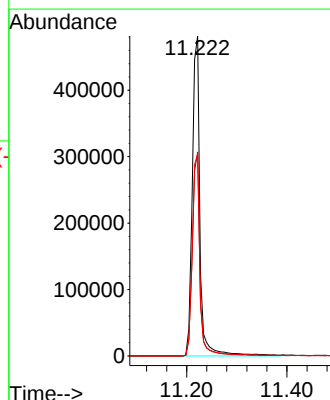
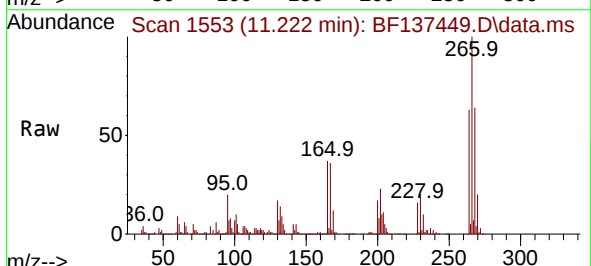
Tgt Ion:266 Resp: 512994

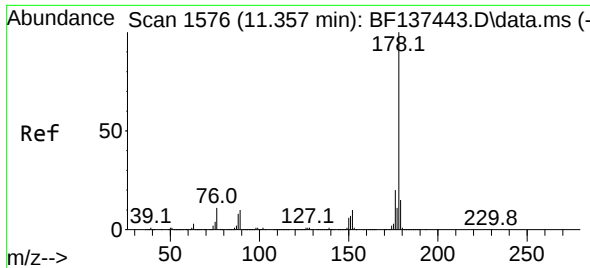
Ion Ratio Lower Upper

266 100

268 63.6 50.2 75.2

264 63.2 50.9 76.3





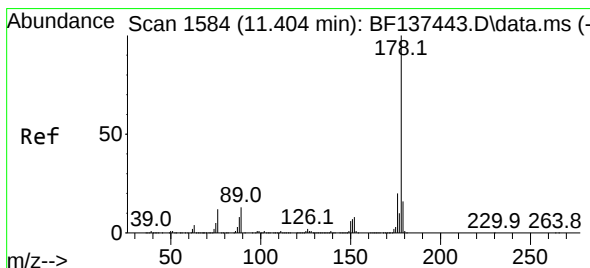
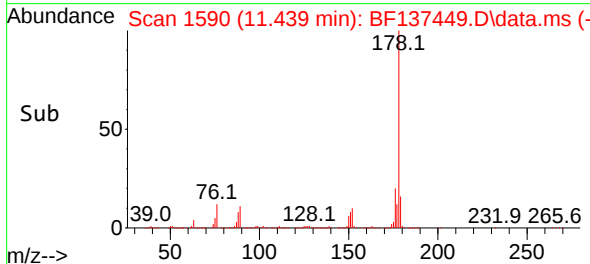
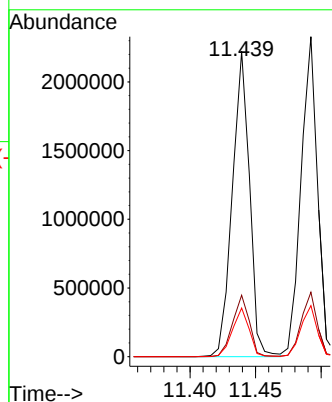
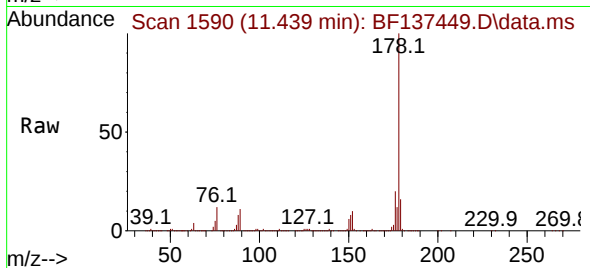
#71
Phenanthrene
Concen: 45.983 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.082 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

Instrument :
BNA_F
ClientSampleId :
SP6439

Tgt Ion:178 Resp: 2029952
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.2 18.2

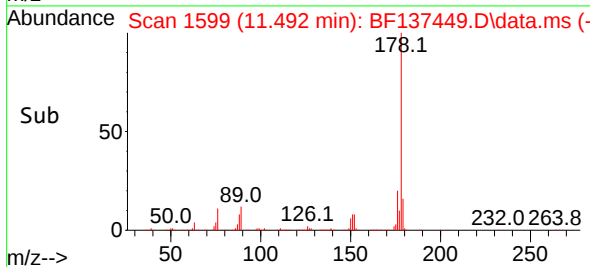
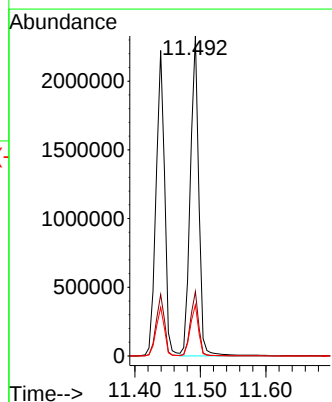
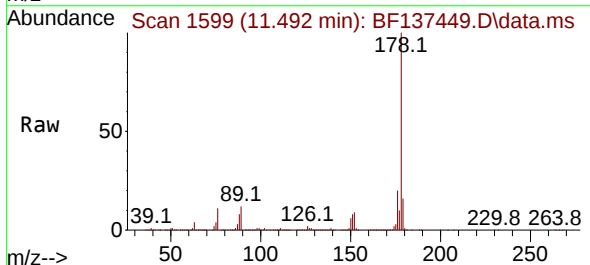
Manual Integrations
APPROVED

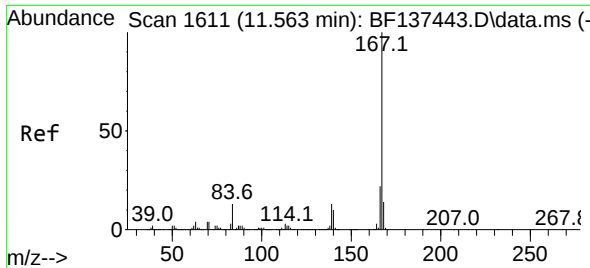
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#72
Anthracene
Concen: 45.981 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

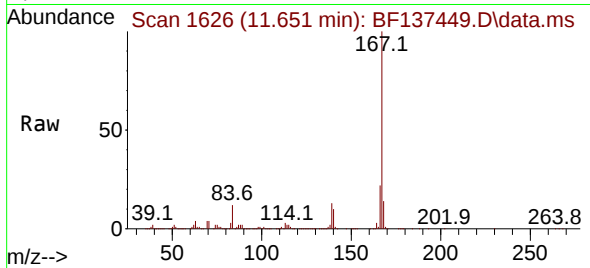
Tgt Ion:178 Resp: 2084774
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 47.778 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.088 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

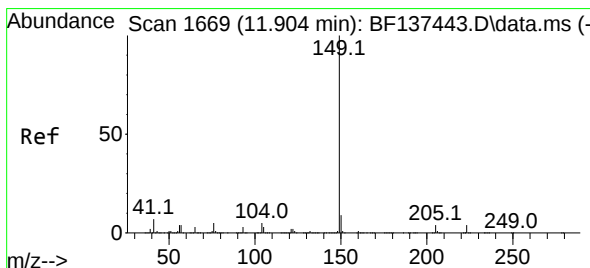
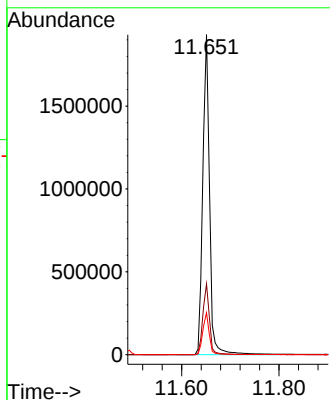
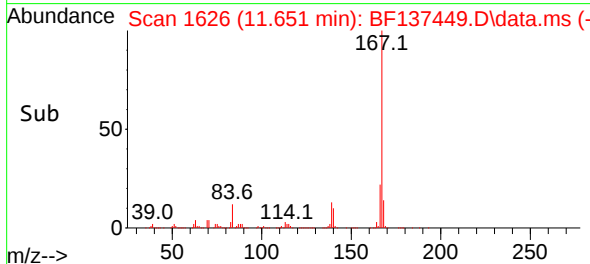
Instrument :
 BNA_F
 ClientSampleId :
 SP6439



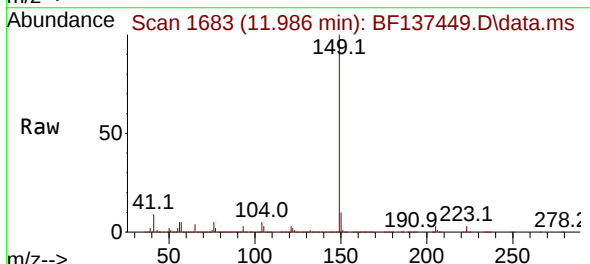
Tgt Ion:167 Resp: 1855538
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

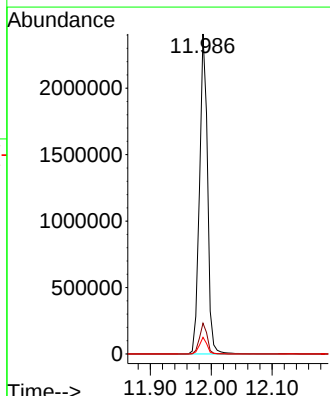
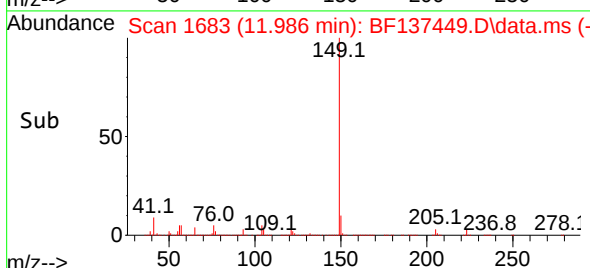
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

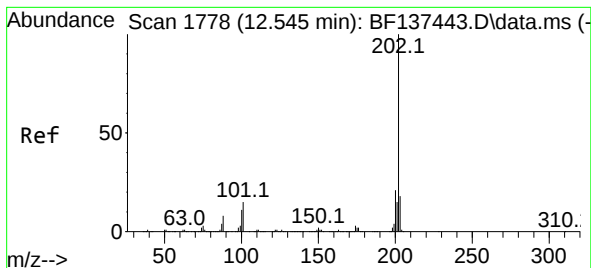


#74
 Di-n-butylphthalate
 Concen: 47.724 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.082 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56



Tgt Ion:149 Resp: 2205184
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.2 3.8 5.6





#75

Fluoranthene

Concen: 46.709 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.088 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:202 Resp: 201557

Ion Ratio Lower Upper

202 100

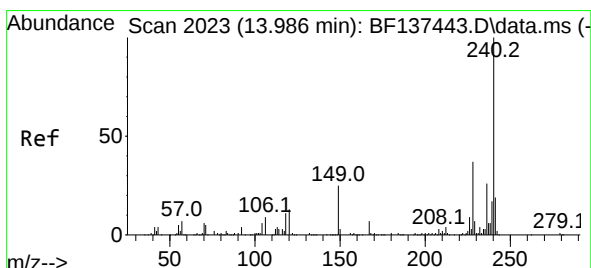
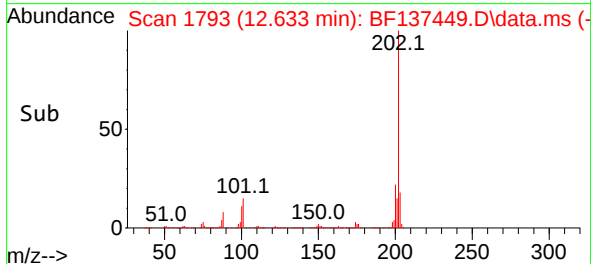
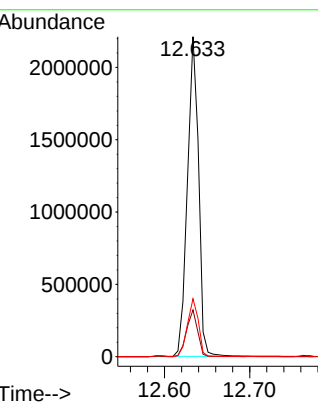
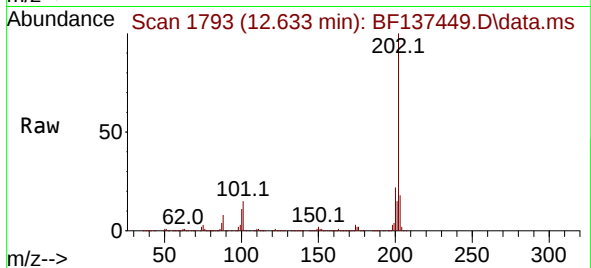
101 14.6 0.0 35.0

203 18.1 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.088 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

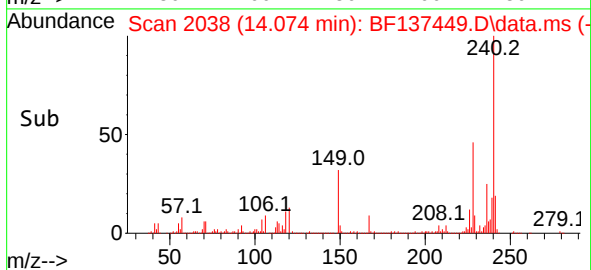
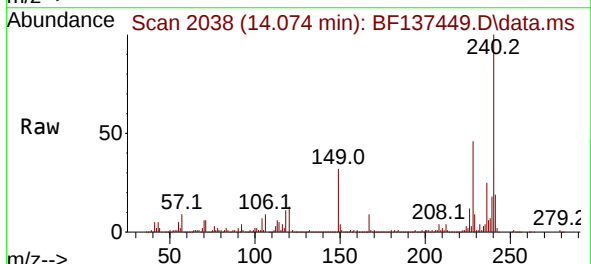
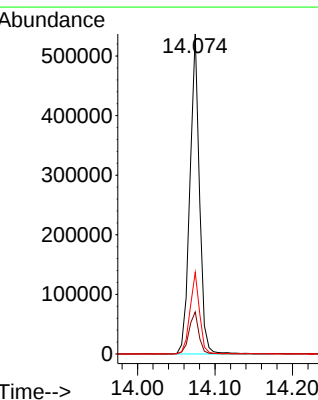
Tgt Ion:240 Resp: 460116

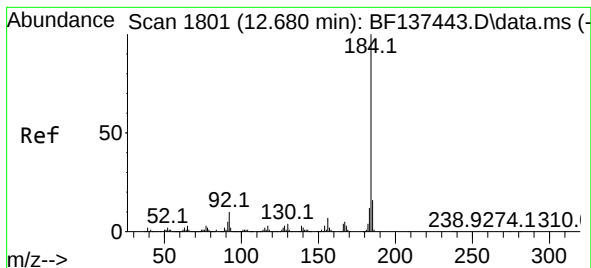
Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

236 25.5 20.9 31.3





#77

Benzidine

Concen: 99.989 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.089 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:184 Resp: 112588

Ion Ratio Lower Upper

184 100

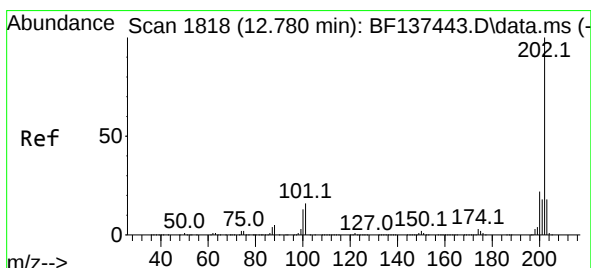
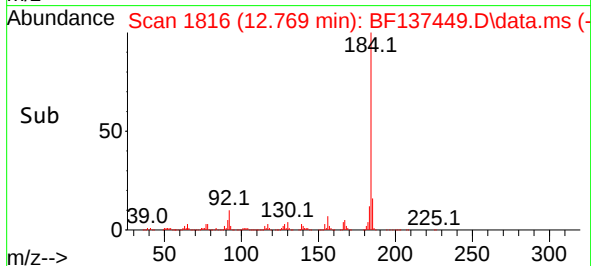
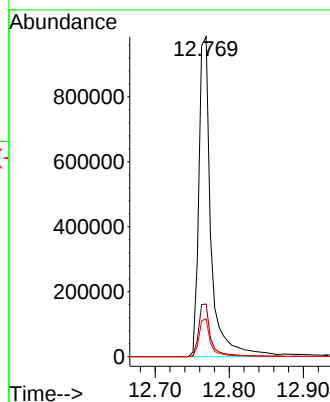
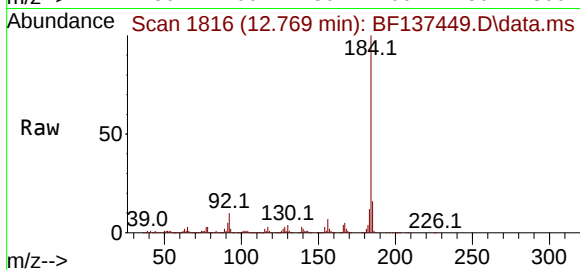
185 16.5 13.2 19.8

183 11.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#78

Pyrene

Concen: 45.993 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.082 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

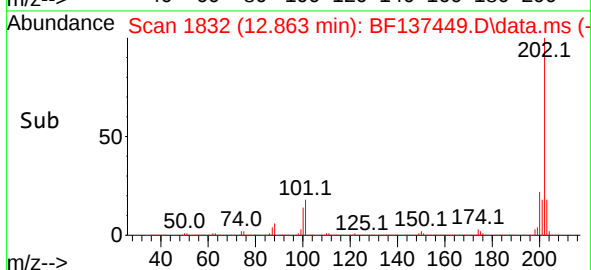
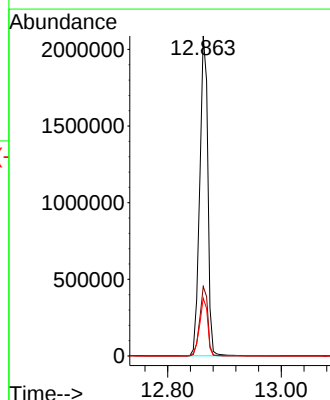
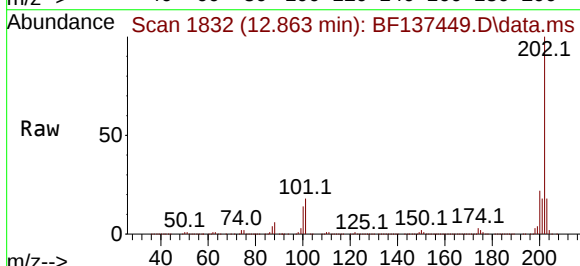
Tgt Ion:202 Resp: 2076461

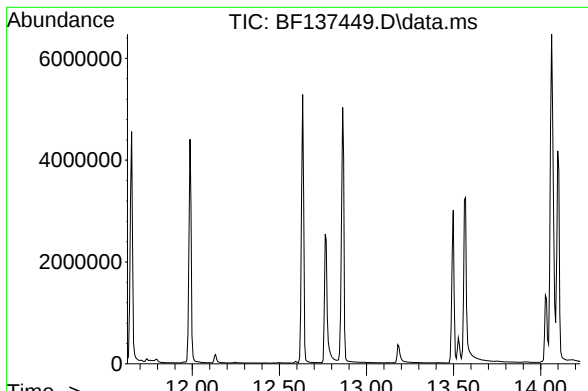
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 18.1 14.1 21.1





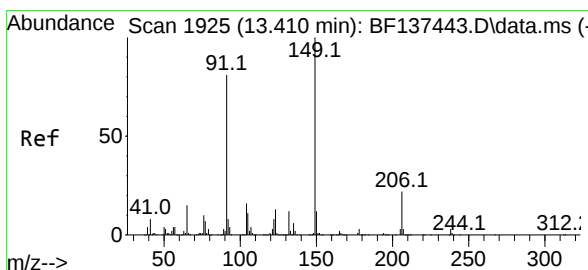
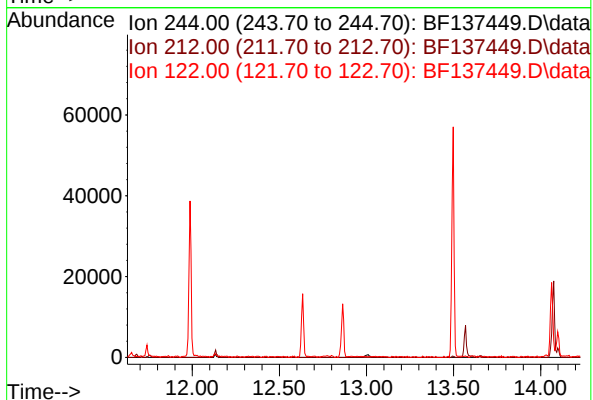
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.93 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SP6439

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.8
 122 11.4

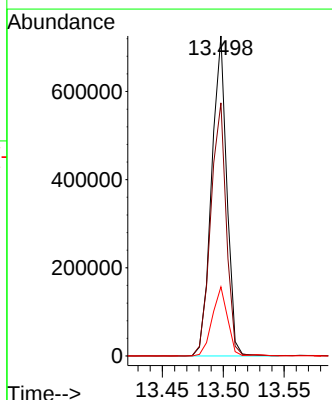
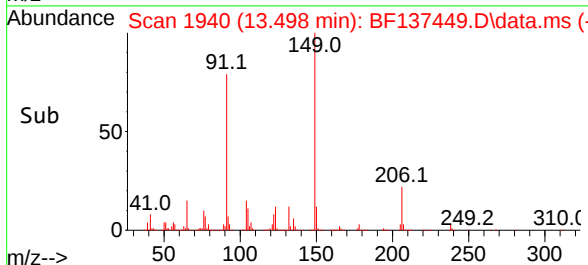
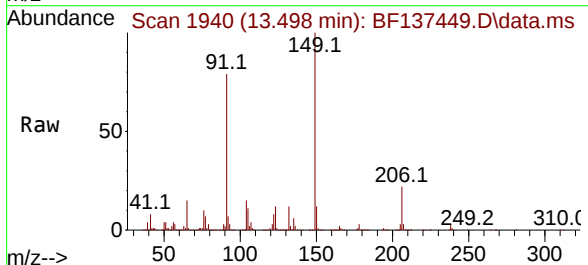
Manual Integrations
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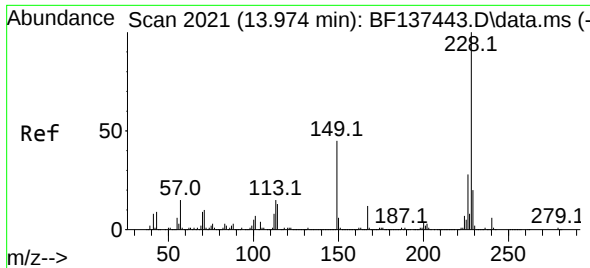
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024



#80
 Butylbenzylphthalate
 Concen: 54.788 ng
 RT: 13.498 min Scan# 1940
 Delta R.T. 0.088 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

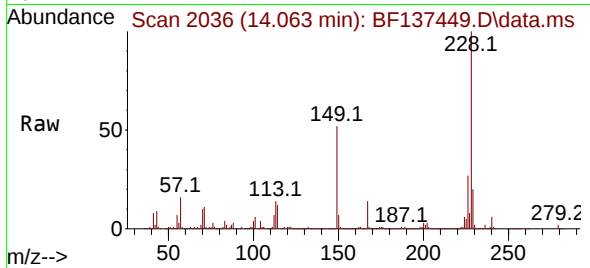
Tgt Ion:149 Resp: 631715
 Ion Ratio Lower Upper
 149 100
 91 79.1 64.7 97.1
 206 21.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 47.510 ng
RT: 14.063 min Scan# 2031
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

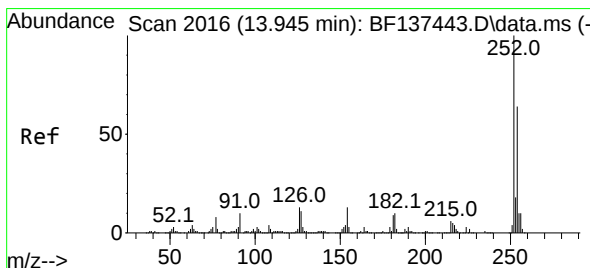
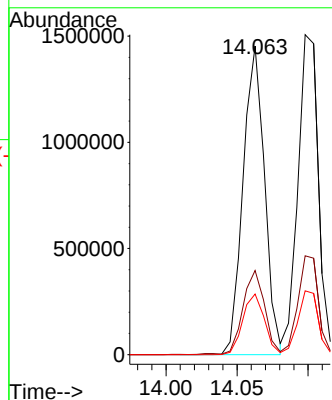
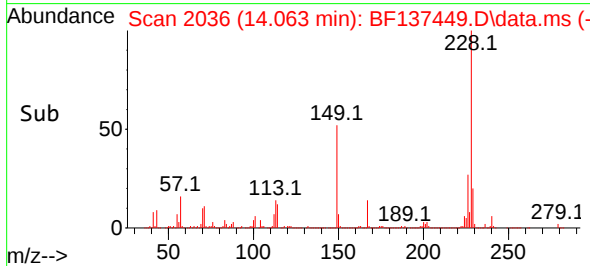
Instrument :
BNA_F
ClientSampleId :
SP6439



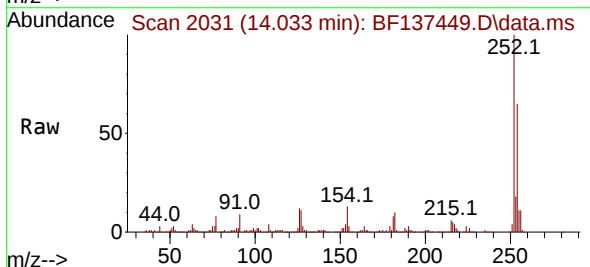
Tgt Ion:228 Resp: 153215
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.6 16.3 24.5

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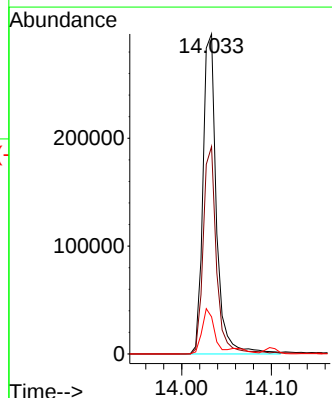
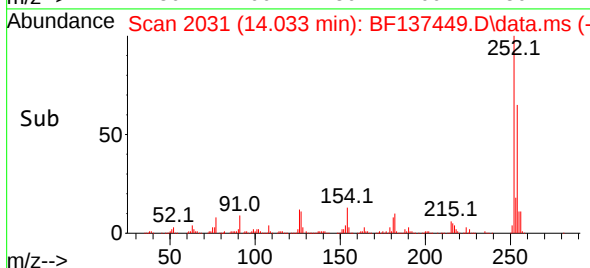
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

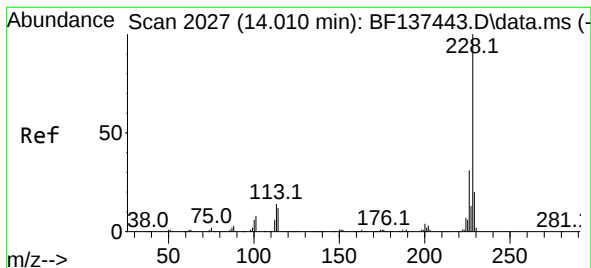


#82
3,3'-Dichlorobenzidine
Concen: 36.109 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.088 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion:252 Resp: 310104
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.6 10.4 15.6





#83

Chrysene

Concen: 47.280 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.088 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:228 Resp: 154103

Ion Ratio Lower Upper

228 100

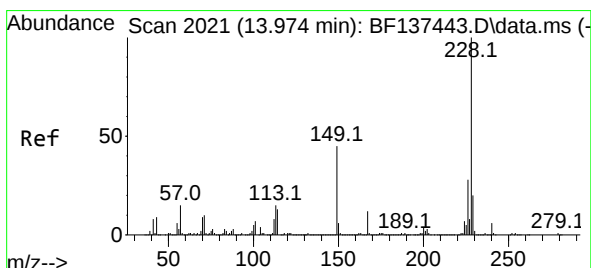
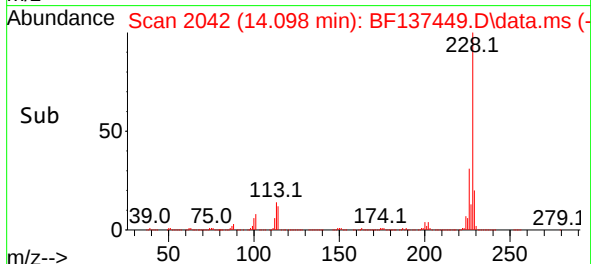
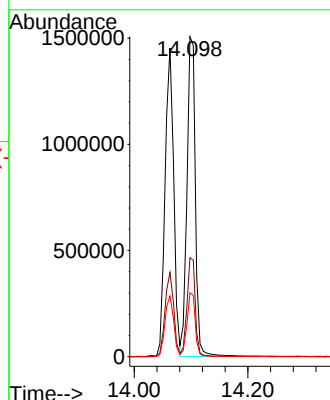
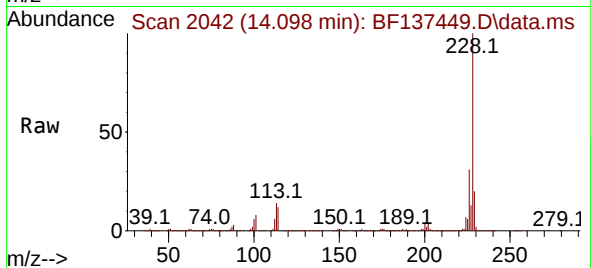
226 30.9 24.7 37.1

229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.484 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.088 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

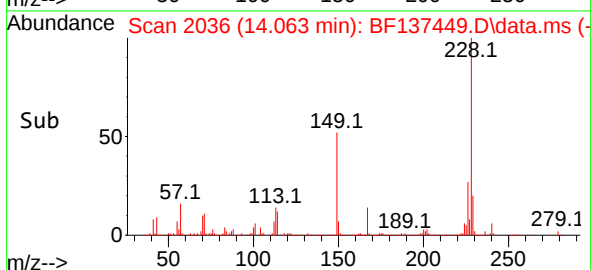
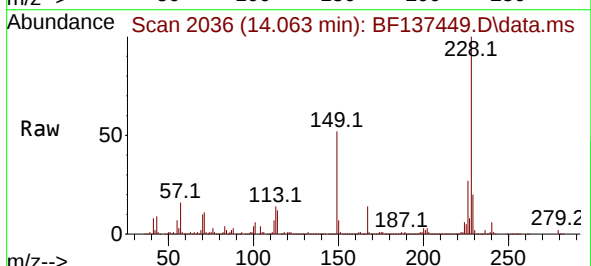
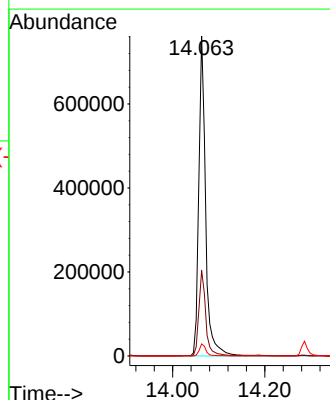
Tgt Ion:149 Resp: 783817

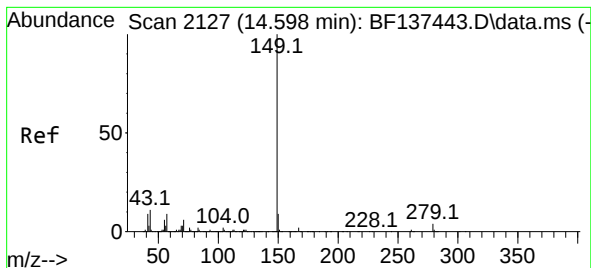
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.542 ng

RT: 14.692 min Scan# 2143

Delta R.T. 0.094 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

SP6439

Tgt Ion:149 Resp: 127713

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

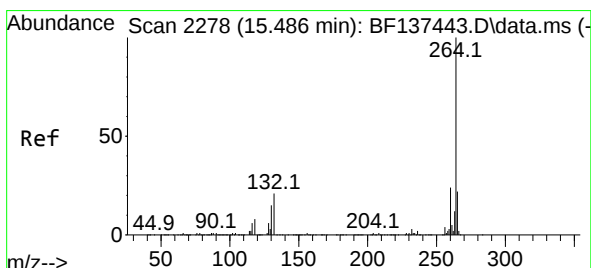
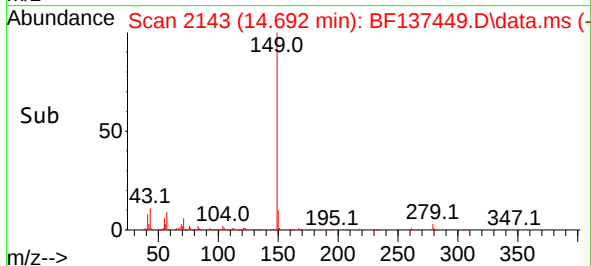
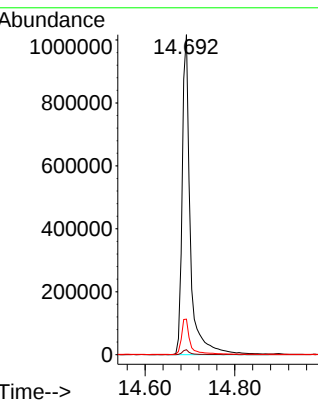
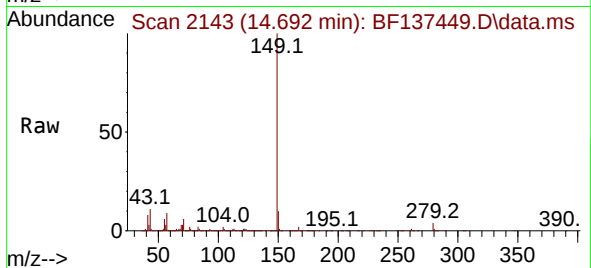
43 11.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2299

Delta R.T. 0.124 min

Lab File: BF137449.D

Acq: 29 Feb 2024 18:56

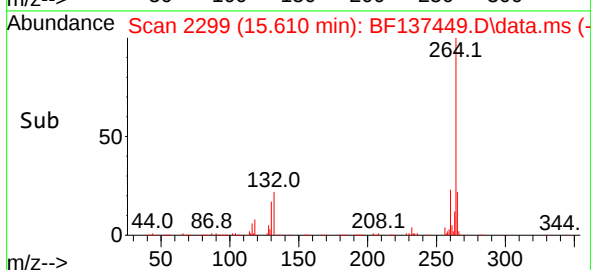
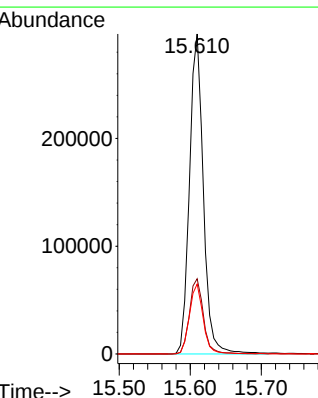
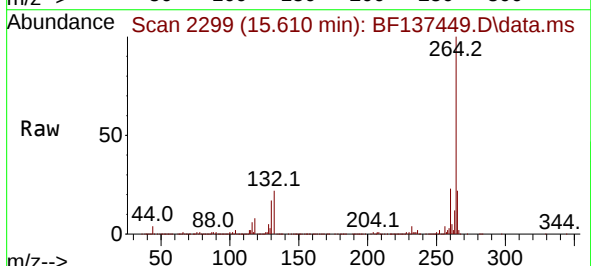
Tgt Ion:264 Resp: 404702

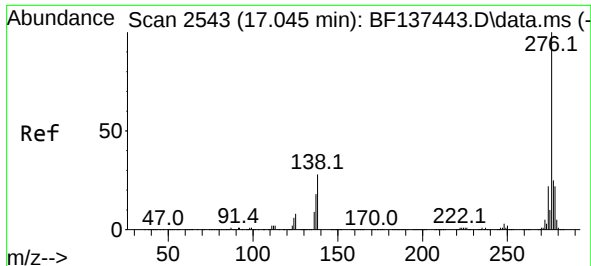
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

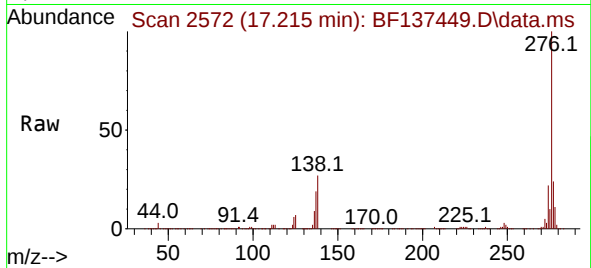
265 21.8 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.027 ng
 RT: 17.215 min Scan# 21
 Delta R.T. 0.171 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56

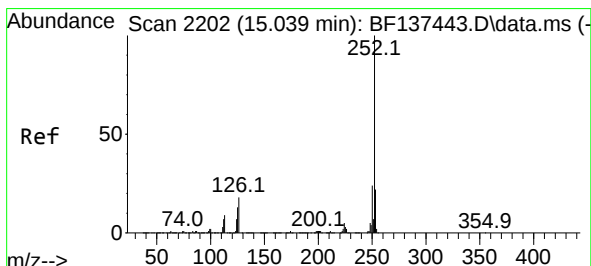
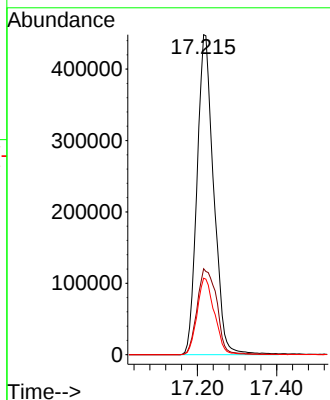
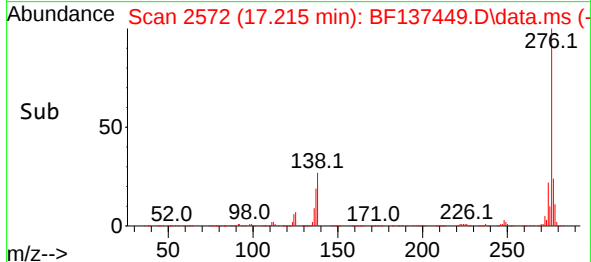
Instrument :
 BNA_F
 ClientSampleId :
 SP6439



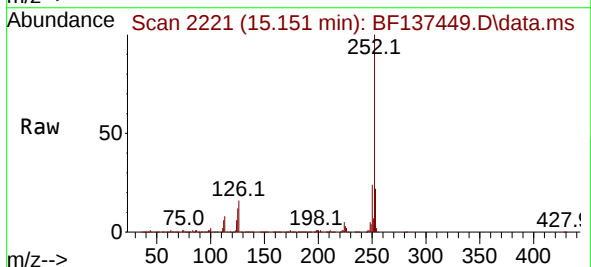
Tgt Ion:276 Resp: 130569
 Ion Ratio Lower Upper
 276 100
 138 31.5 25.8 38.8
 277 24.9 20.2 30.2

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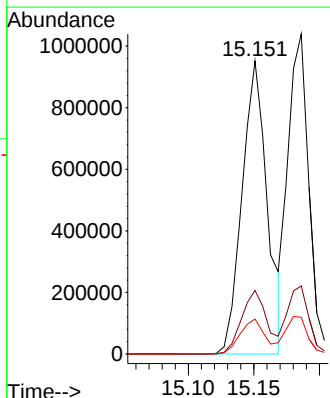
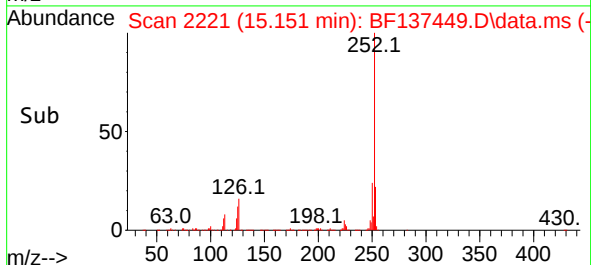
Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

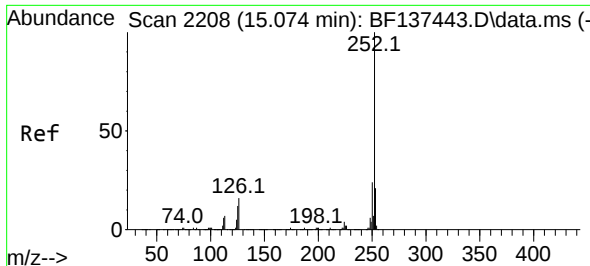


#88
 Benzo(b)fluoranthene
 Concen: 53.054 ng
 RT: 15.151 min Scan# 2221
 Delta R.T. 0.112 min
 Lab File: BF137449.D
 Acq: 29 Feb 2024 18:56



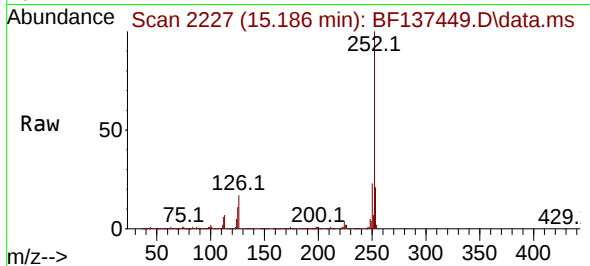
Tgt Ion:252 Resp: 1270086
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 11.9 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 45.656 ng
RT: 15.186 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

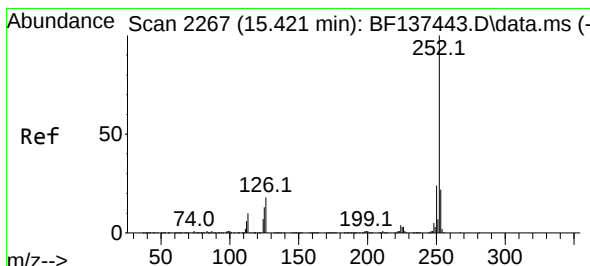
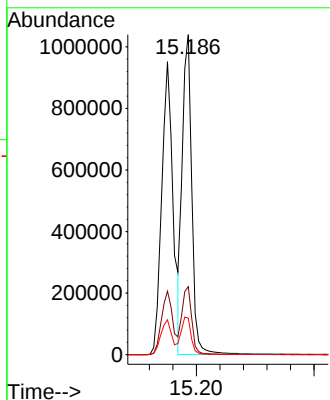
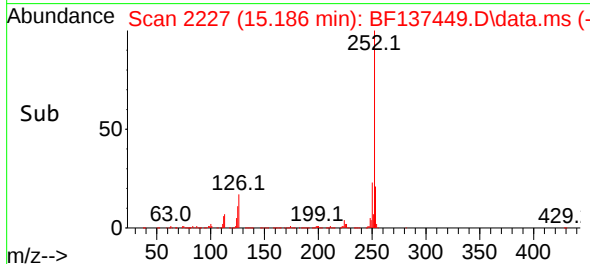
Instrument :
BNA_F
ClientSampleId :
SP6439



Tgt Ion:252 Resp: 117398
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 11.5 9.6 14.4

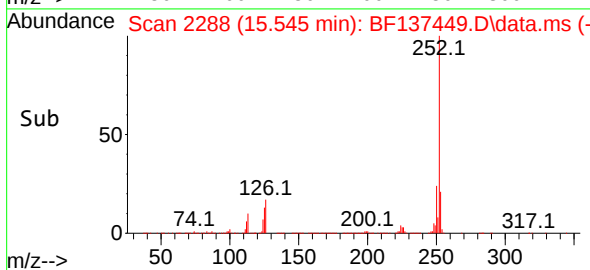
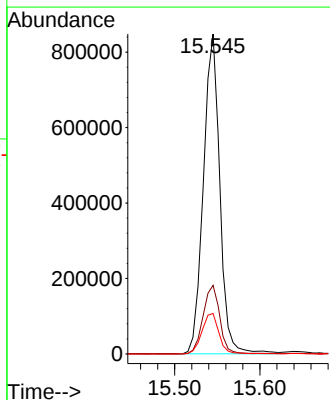
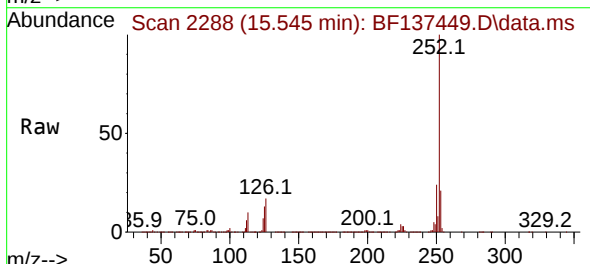
Manual Integrations
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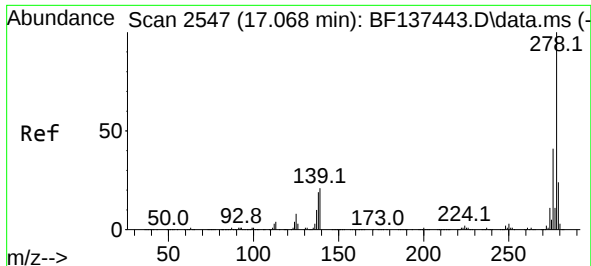
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#90
Benzo(a)pyrene
Concen: 48.200 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.124 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

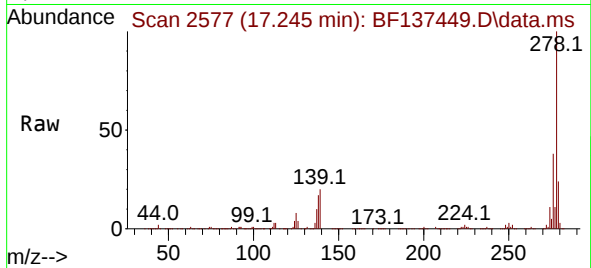
Tgt Ion:252 Resp: 1137104
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 12.6 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 48.268 ng
RT: 17.245 min Scan# 21
Delta R.T. 0.176 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56

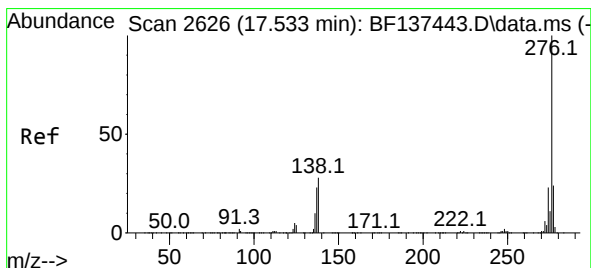
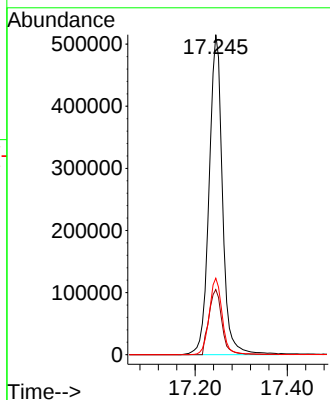
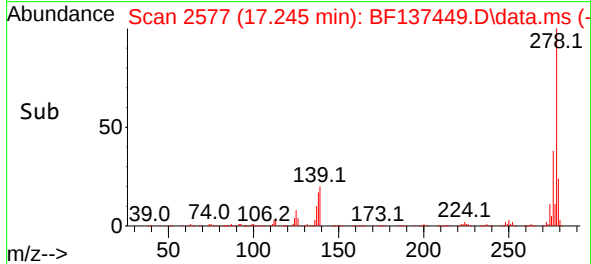
Instrument :
BNA_F
ClientSampleId :
SP6439



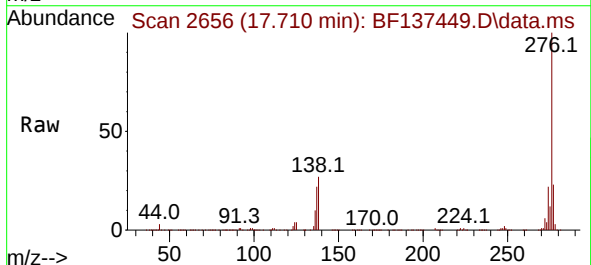
Tgt Ion:278 Resp: 104278
Ion Ratio Lower Upper
278 100
139 20.3 17.0 25.6
279 23.9 18.8 28.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#92
Benzo(g,h,i)perylene
Concen: 45.948 ng
RT: 17.710 min Scan# 2656
Delta R.T. 0.176 min
Lab File: BF137449.D
Acq: 29 Feb 2024 18:56



Tgt Ion:276 Resp: 1019464
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 26.6 22.2 33.2

