

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137512.D
 Acq On : 06 Mar 2024 11:53
 Operator : CG\JU
 Sample : PB159466BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159466BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 12:13:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	239113	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	974890	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	533345	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	953901	20.000	ng	0.00
76) Chrysene-d12	14.045	240	504249	20.000	ng	0.00
86) Perylene-d12	15.568	264	484445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1931504	122.341	ng	0.01
7) Phenol-d6	6.504	99	2669701	117.147	ng	0.00
23) Nitrobenzene-d5	7.422	82	1743793	83.111	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	656803	140.232	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2729225	80.102	ng	0.00
79) Terphenyl-d14	12.986	244	3111138	84.842	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	312055	36.149	ng	99
3) Pyridine	3.551	79	700615	33.652	ng	99
4) n-Nitrosodimethylamine	3.528	42	374637	44.705	ng	98
6) Aniline	6.522	93	688038	24.708	ng	# 65
8) 2-Chlorophenol	6.640	128	778884	46.774	ng	94
10) Phenol	6.516	94	1035574	42.219	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	813648	45.267	ng	99
12) 1,3-Dichlorobenzene	6.792	146	788646	44.321	ng	100
13) 1,4-Dichlorobenzene	6.869	146	786209	43.184	ng	98
14) 1,2-Dichlorobenzene	7.022	146	757318	45.320	ng	98
15) Benzyl Alcohol	7.004	79	720543	50.787	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1337835	43.300	ng	96
17) 2-Methylphenol	7.116	107	666291	42.761	ng	97
18) Hexachloroethane	7.357	117	279844	46.682	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	587758	41.766	ng	99
20) 3+4-Methylphenols	7.263	107	731420	40.986	ng	95
22) Acetophenone	7.263	105	1042136	44.181	ng	# 96
24) Nitrobenzene	7.439	77	906263	42.998	ng	96
25) Isophorone	7.675	82	1744517	43.765	ng	99
26) 2-Nitrophenol	7.751	139	404357	48.322	ng	94
27) 2,4-Dimethylphenol	7.792	122	622490	39.812	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	1025001	43.826	ng	99
29) 2,4-Dichlorophenol	7.992	162	645898	45.010	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	671297	44.453	ng	99
31) Naphthalene	8.151	128	2169264	41.472	ng	100
32) Benzoic acid	7.939	122	408340	45.697	ng	98
33) 4-Chloroaniline	8.204	127	206594	10.073	ng	99
34) Hexachlorobutadiene	8.269	225	387255	43.437	ng	99
35) Caprolactam	8.586	113	223005m	45.830	ng	
36) 4-Chloro-3-methylphenol	8.692	107	728955	45.445	ng	99
37) 2-Methylnaphthalene	8.845	142	1320026	39.587	ng	99
38) 1-Methylnaphthalene	8.945	142	1294361	41.219	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	667478	44.828	ng	98
41) Hexachlorocyclopentadiene	8.998	237	603129	97.274	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	454014	46.824	ng	98
44) 2,4,5-Trichlorophenol	9.175	196	472404	42.294	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.310	154	1701400	43.585	ng	98
47) 2-Chloronaphthalene	9.333	162	1331827	44.749	ng	98
48) 2-Nitroaniline	9.439	65	479890	47.440	ng	99
49) Acenaphthylene	9.751	152	2098107	44.051	ng	100
50) Dimethylphthalate	9.622	163	1623463	43.727	ng	100
51) 2,6-Dinitrotoluene	9.681	165	362804	46.720	ng	98
52) Acenaphthene	9.922	154	1187321	41.756	ng	99
53) 3-Nitroaniline	9.851	138	206096	25.091	ng	91
54) 2,4-Dinitrophenol	9.963	184	368811	95.587	ng	97
55) Dibenzofuran	10.098	168	1787838	41.281	ng	98
56) 4-Nitrophenol	10.028	139	528591	89.862	ng	97
57) 2,4-Dinitrotoluene	10.092	165	440898	46.213	ng	94
58) Fluorene	10.445	166	1360354	40.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	413410	46.155	ng	94
60) Diethylphthalate	10.328	149	1534851	43.778	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	674528	41.381	ng	99
62) 4-Nitroaniline	10.480	138	319281	45.226	ng	94
63) Azobenzene	10.598	77	1717092	42.533	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	250504	47.118	ng	98
66) n-Nitrosodiphenylamine	10.563	169	1274350	41.487	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	446130	42.940	ng	97
68) Hexachlorobenzene	10.992	284	482980	46.026	ng	# 91
69) Atrazine	11.092	200	433304	46.403	ng	97
70) Pentachlorophenol	11.192	266	544324	85.806	ng	99
71) Phenanthrene	11.410	178	2133541	41.098	ng	98
72) Anthracene	11.463	178	2176666	40.824	ng	99
73) Carbazole	11.622	167	1929875	42.257	ng	100
74) Di-n-butylphthalate	11.957	149	2377580	43.756	ng	98
75) Fluoranthene	12.604	202	2096223	41.310	ng	99
77) Benzidine	12.733	184	293127	23.754	ng	98
78) Pyrene	12.839	202	2147964	43.412	ng	99
80) Butylbenzylphthalate	13.468	149	706280	55.894	ng	98
81) Benzo(a)anthracene	14.033	228	1562401	44.208	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	323706	34.394	ng	99
83) Chrysene	14.074	228	1511643	42.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	870821	54.220	ng	100
85) Di-n-octyl phthalate	14.663	149	1591944	51.030	ng	98
87) Indeno(1,2,3-cd)pyrene	17.156	276	1471531	46.159	ng	99
88) Benzo(b)fluoranthene	15.121	252	1398811	48.813	ng	97
89) Benzo(k)fluoranthene	15.151	252	1301787	42.293	ng	99
90) Benzo(a)pyrene	15.510	252	1220603	43.223	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1213237	46.913	ng	99
92) Benzo(g,h,i)perylene	17.639	276	1196879	45.065	ng	99

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

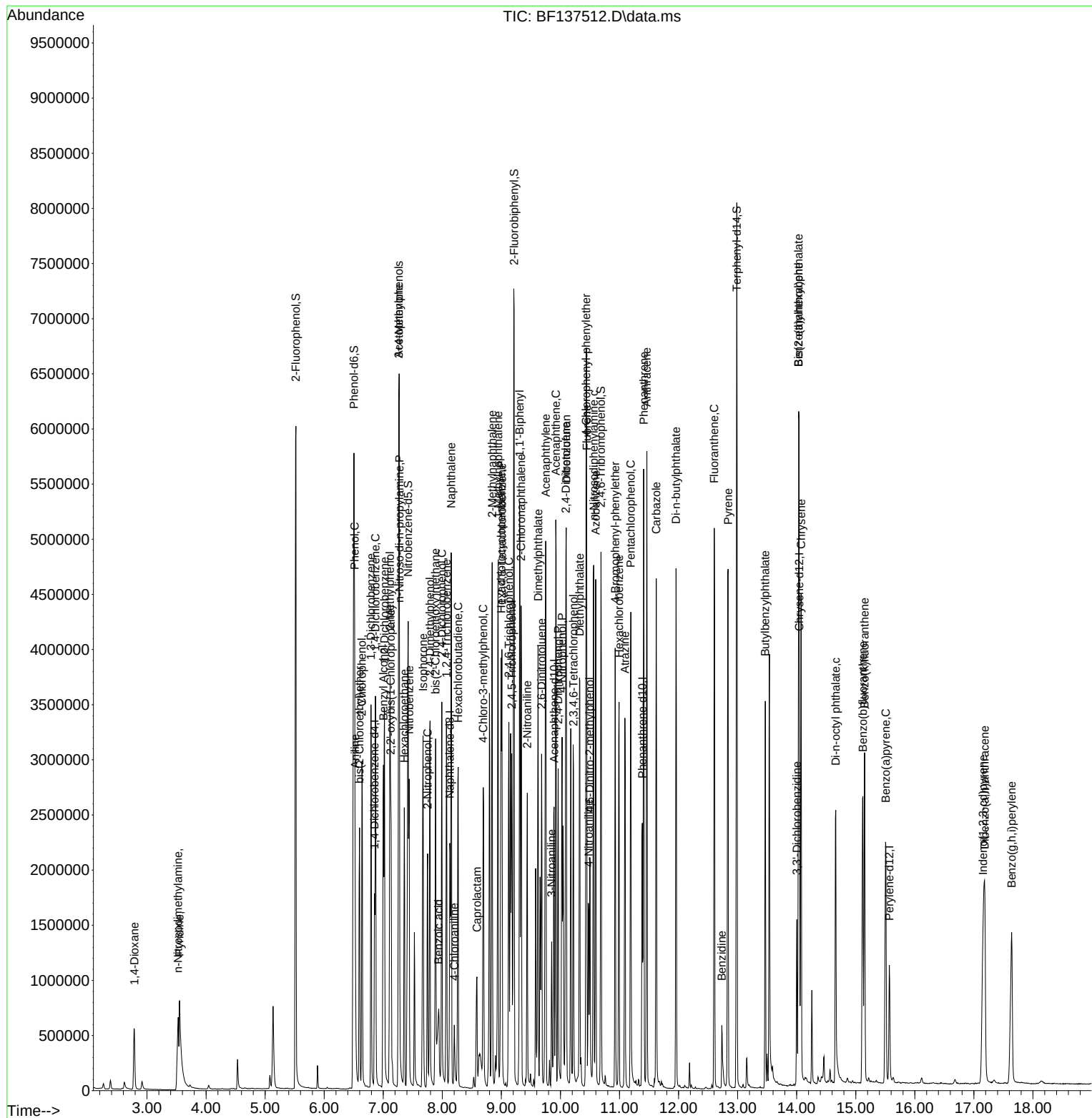
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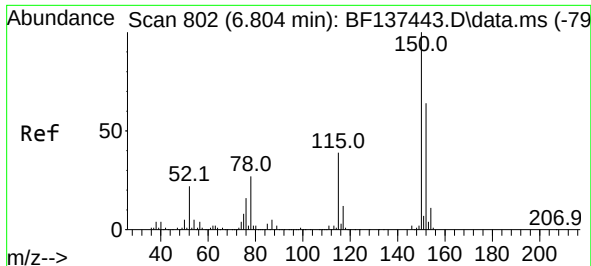
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ClientSampleId :
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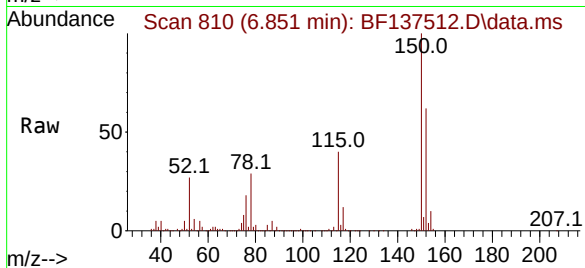
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

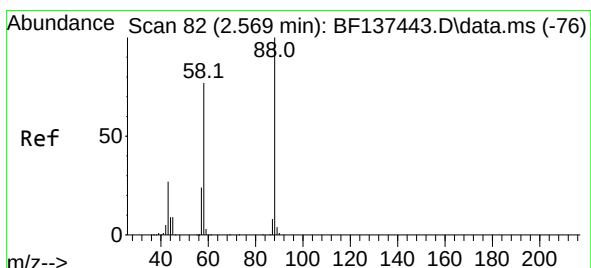
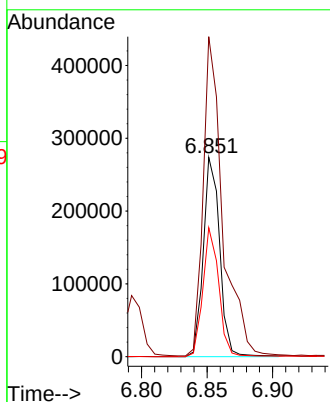
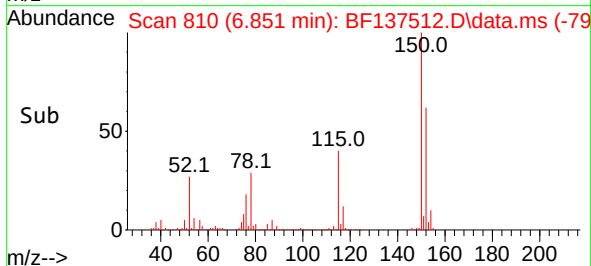
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion:152 Resp: 23911
Ion Ratio Lower Upper
152 100
150 160.5 125.8 188.6
115 64.7 48.8 73.2

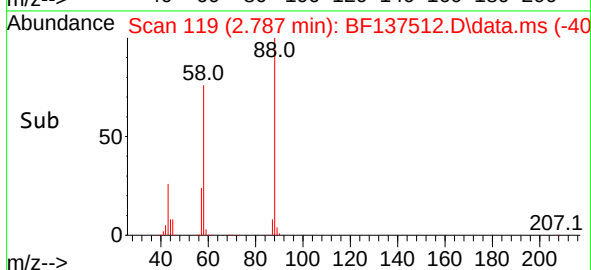
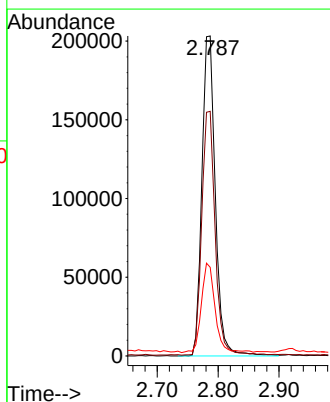
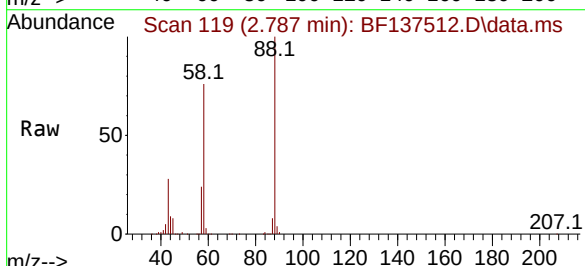
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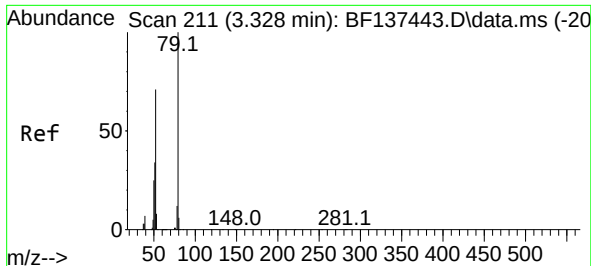
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#2
1,4-Dioxane
Concen: 36.149 ng
RT: 2.787 min Scan# 119
Delta R.T. 0.112 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 88 Resp: 312055
Ion Ratio Lower Upper
88 100
58 76.1 61.8 92.8
43 28.4 22.2 33.4





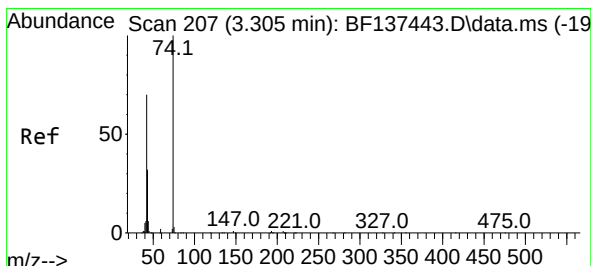
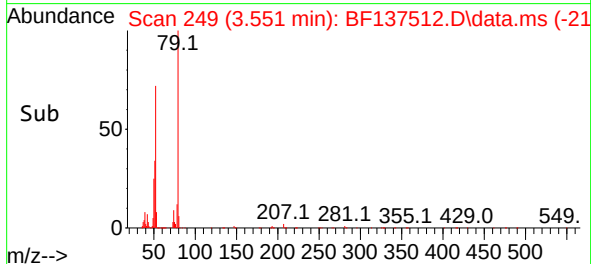
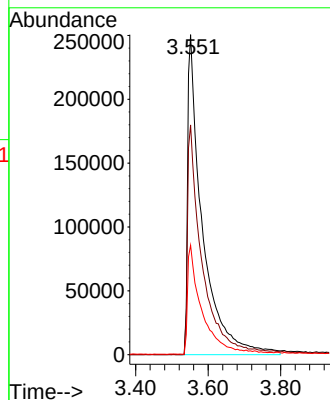
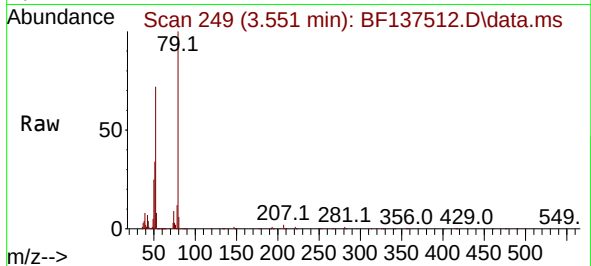
#3
Pyridine
Concen: 33.652 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Tgt Ion: 79 Resp: 70061
Ion Ratio Lower Upper
79 100
52 71.8 57.0 85.4
51 34.2 27.5 41.3

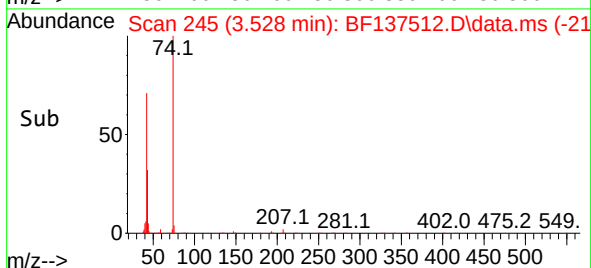
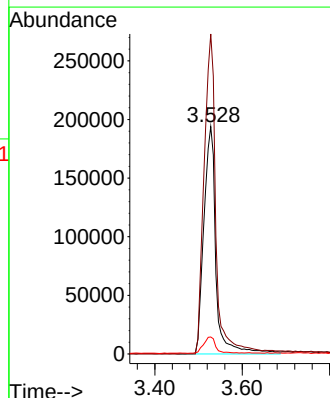
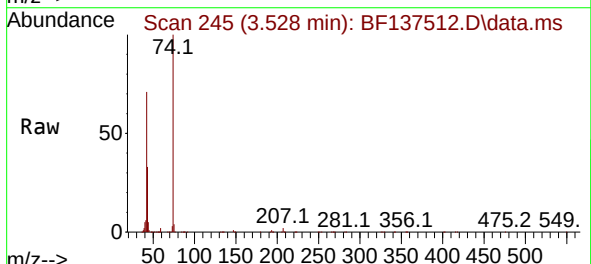
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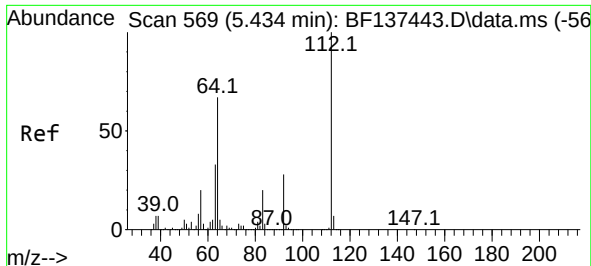
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#4
n-Nitrosodimethylamine
Concen: 44.705 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 42 Resp: 374637
Ion Ratio Lower Upper
42 100
74 140.8 114.0 171.0
44 7.4 7.0 10.4





#5
2-Fluorophenol
Concen: 122.341 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

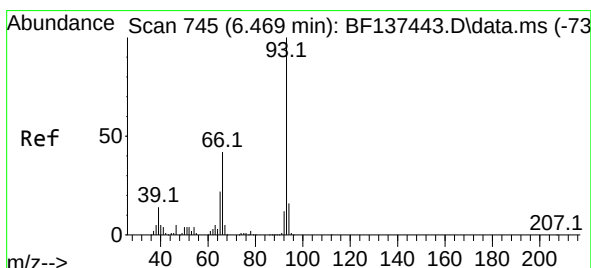
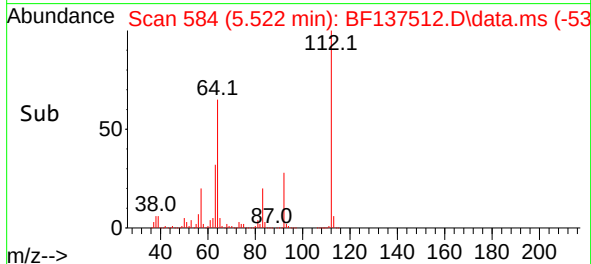
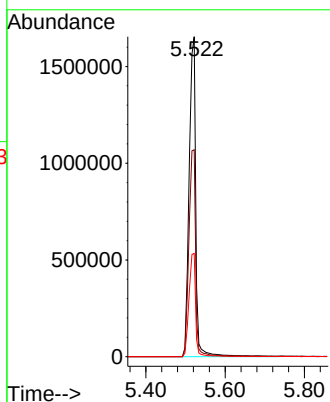
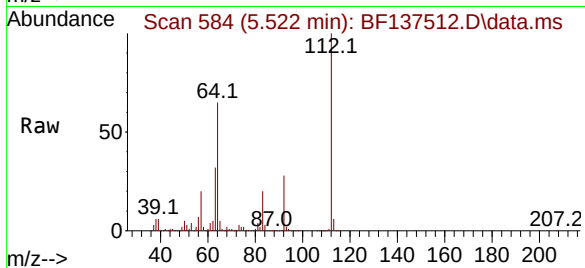
PB159466BS

Tgt Ion:112 Resp: 1931504
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 32.3 26.2 39.2

Manual Integrations

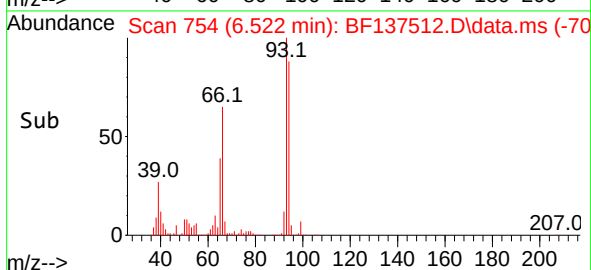
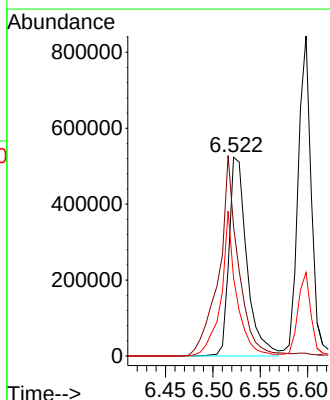
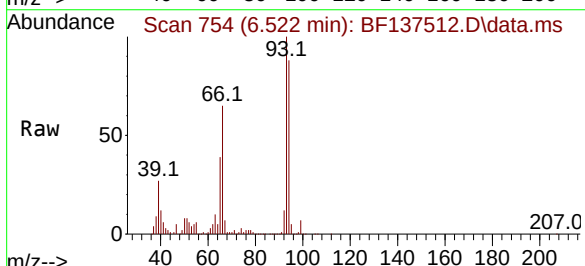
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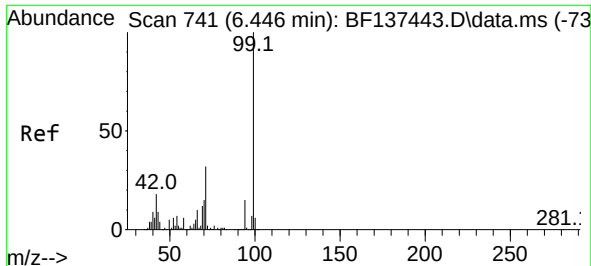
Reviewed By :Jagrut Upadhyay 03/07/2024
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#6
Aniline
Concen: 24.708 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

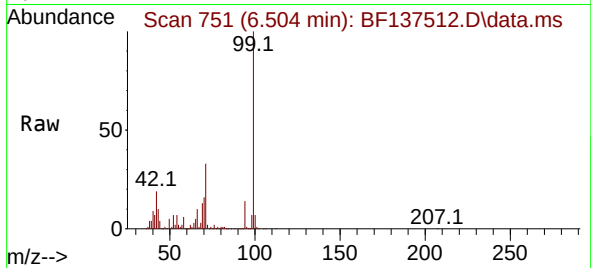
Tgt Ion: 93 Resp: 688038
Ion Ratio Lower Upper
93 100
66 65.1 34.0 51.0#
65 39.2 17.8 26.8#





#7
Phenol-d6
Concen: 117.147 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

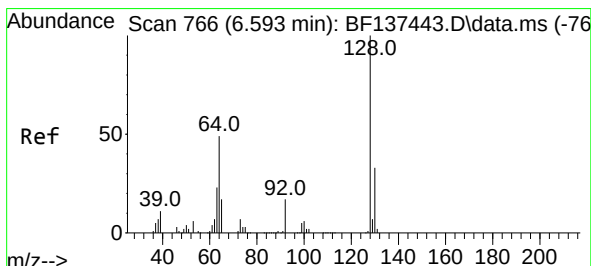
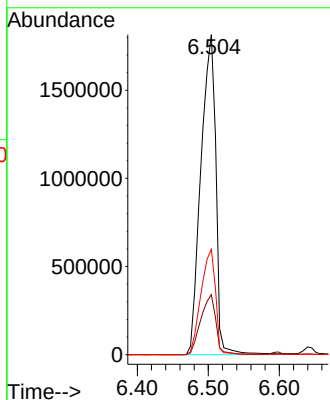
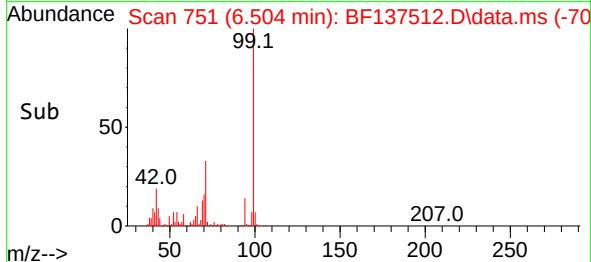
Instrument :
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Tgt Ion: 99 Resp: 266970
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 33.0 25.3 37.9

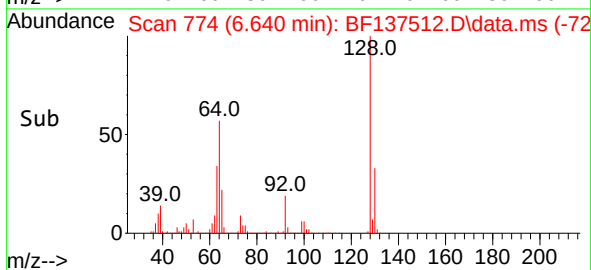
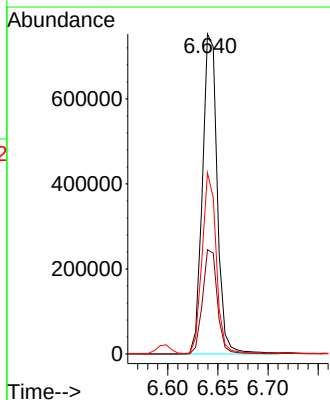
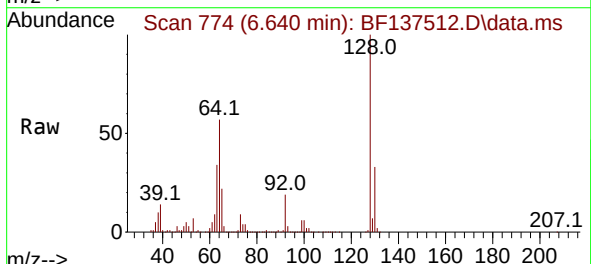
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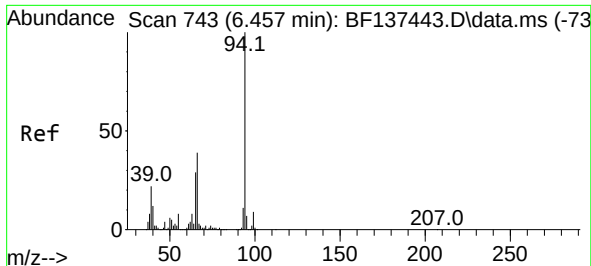
Reviewed By :Jagrut Upadhyay 03/07/2024
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#8
2-Chlorophenol
Concen: 46.774 ng
RT: 6.640 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

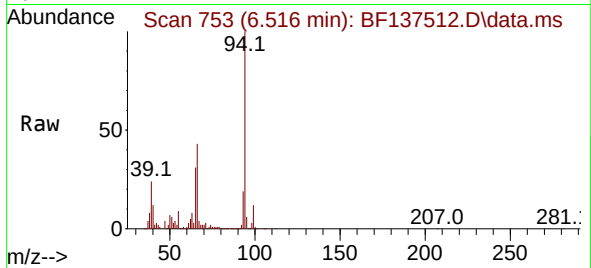
Tgt Ion:128 Resp: 778884
Ion Ratio Lower Upper
128 100
130 32.6 13.4 53.4
64 56.6 30.0 70.0





#10
Phenol
Concen: 42.219 ng
RT: 6.516 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF137512.D
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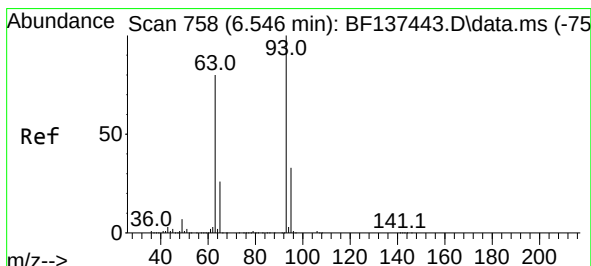
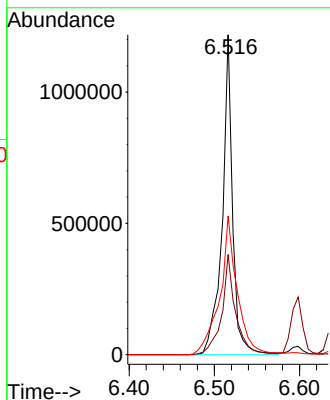
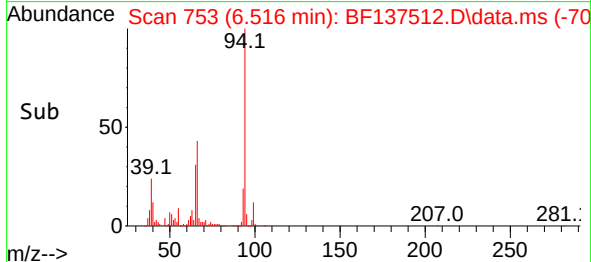
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Tgt Ion: 94 Resp: 1035574
Ion Ratio Lower Upper
94 100
65 31.3 8.7 48.7
66 43.4 18.6 58.6

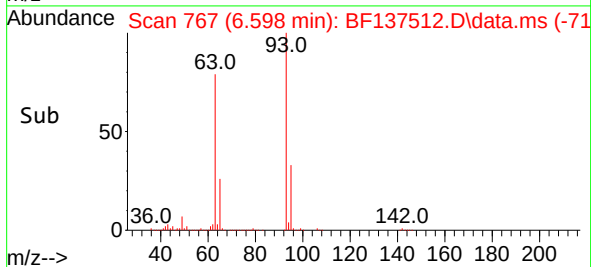
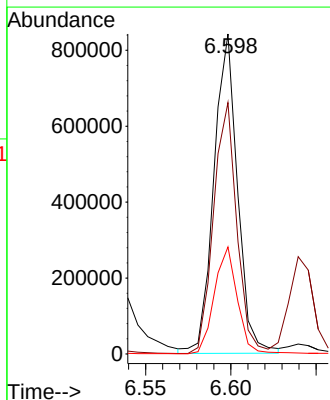
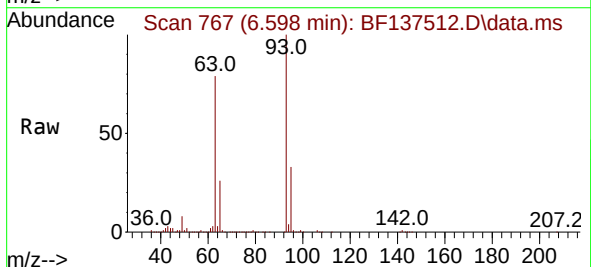
Manual Integrations
APPROVED

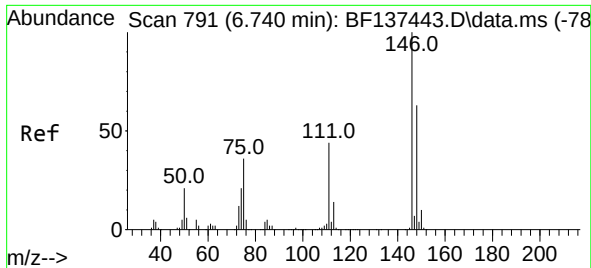
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#11
bis(2-Chloroethyl)ether
Concen: 45.267 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 93 Resp: 813648
Ion Ratio Lower Upper
93 100
63 78.6 58.9 98.9
95 33.4 12.2 52.2





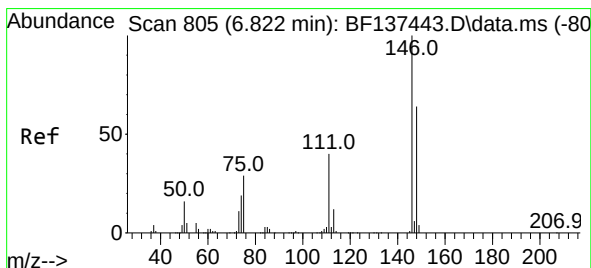
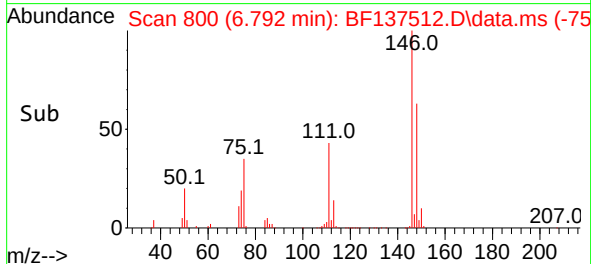
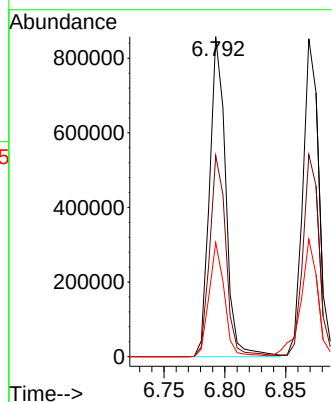
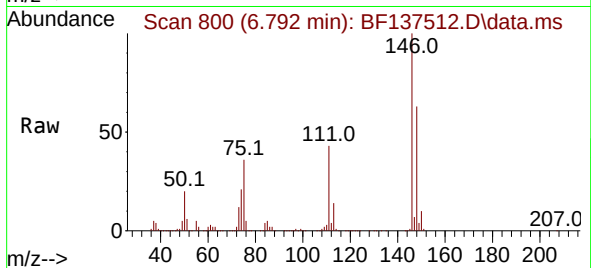
#12
1,3-Dichlorobenzene
Concen: 44.321 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Tgt Ion:146 Resp: 788640
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
75 35.6 29.0 43.4

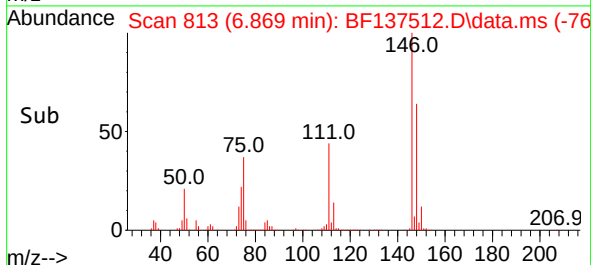
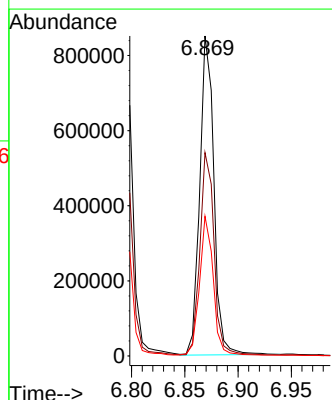
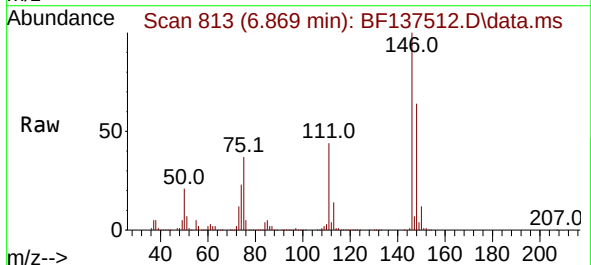
Manual Integrations
APPROVED

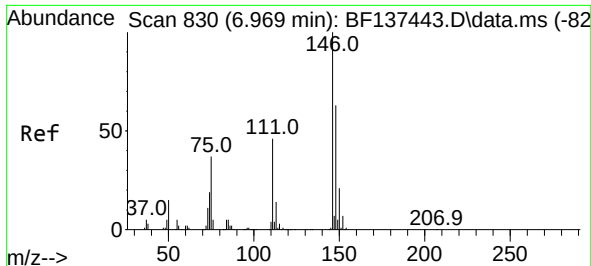
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#13
1,4-Dichlorobenzene
Concen: 43.184 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:146 Resp: 786209
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 43.7 32.4 48.6





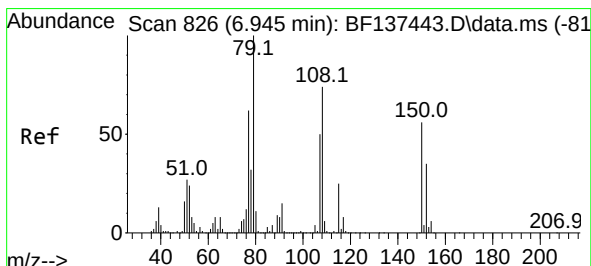
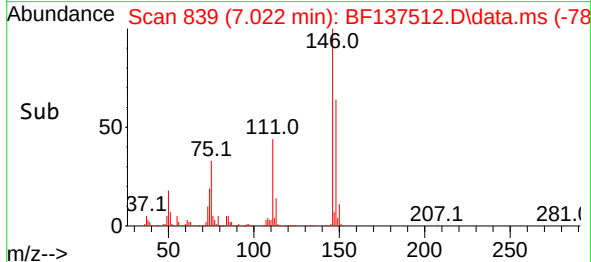
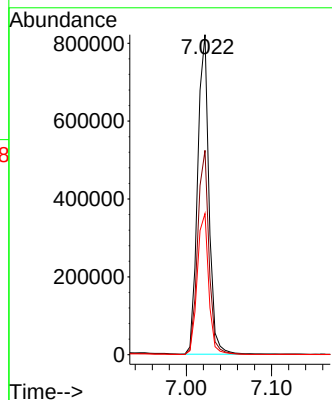
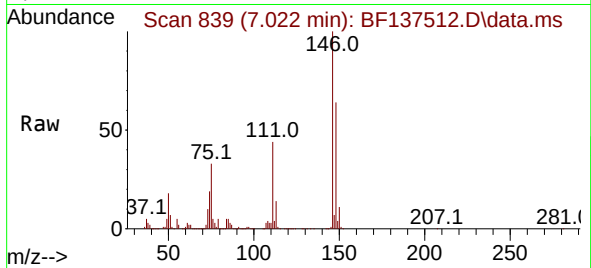
#14
1,2-Dichlorobenzene
Concen: 45.320 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Tgt Ion:146 Resp: 757318
Ion Ratio Lower Upper
146 100
148 63.8 50.0 75.0
111 44.1 36.8 55.2

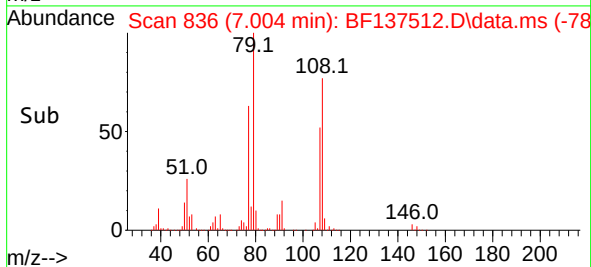
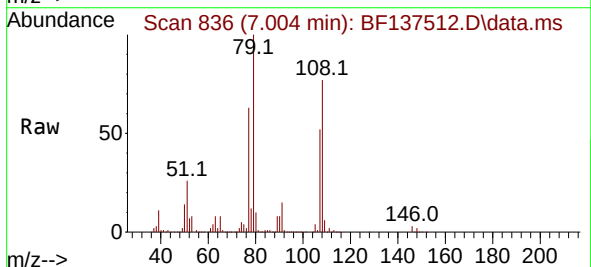
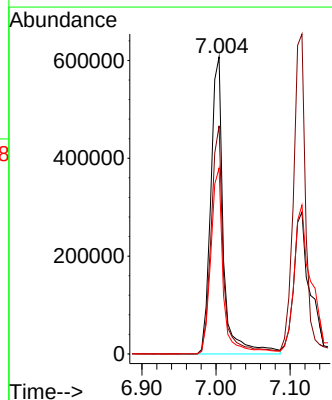
Manual Integrations
APPROVED

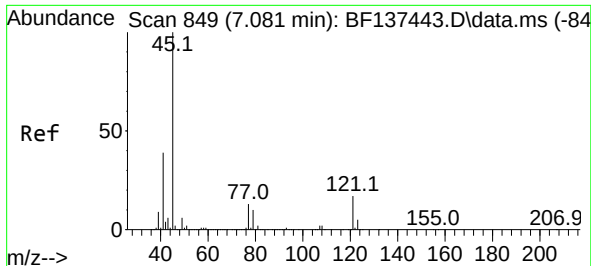
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#15
Benzyl Alcohol
Concen: 50.787 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

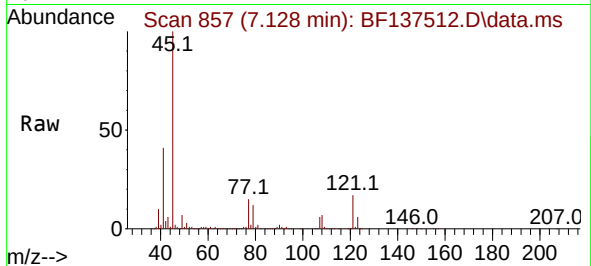
Tgt Ion: 79 Resp: 720543
Ion Ratio Lower Upper
79 100
108 76.8 59.5 89.3
77 62.6 50.0 75.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.300 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

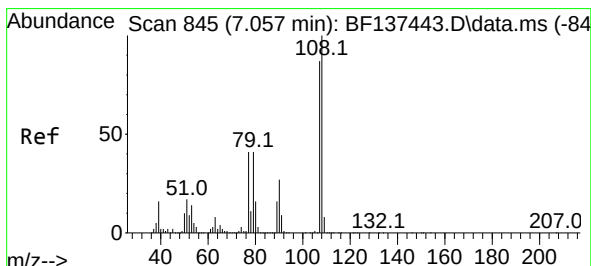
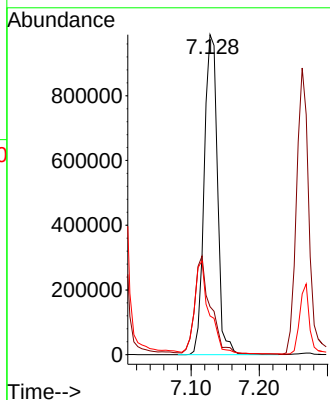
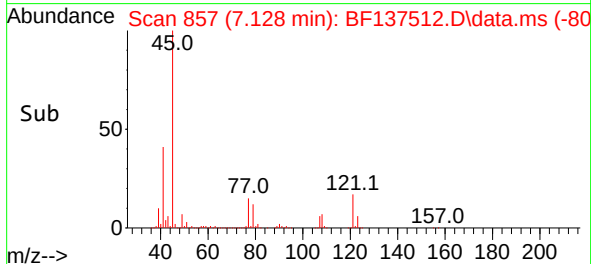
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion: 45 Resp: 133783
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.4
79 12.1 0.0 30.9

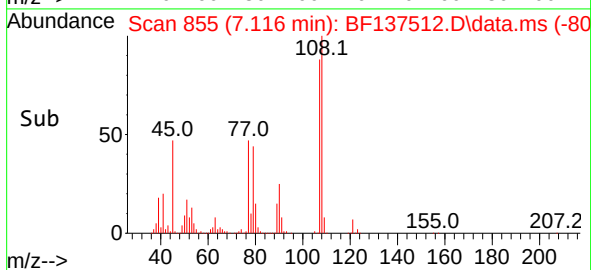
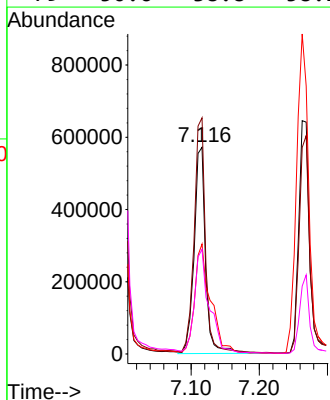
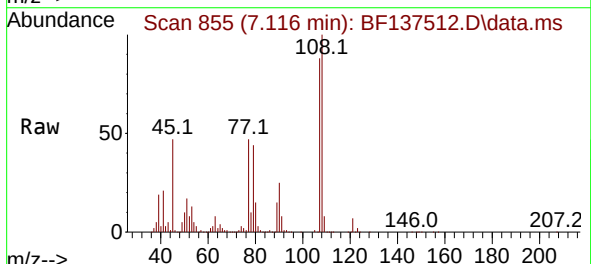
Manual Integrations
APPROVED

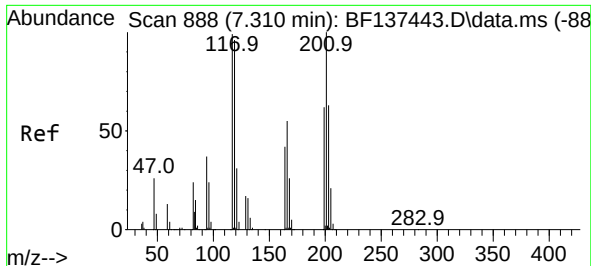
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#17
2-Methylphenol
Concen: 42.761 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:107 Resp: 666291
Ion Ratio Lower Upper
107 100
108 114.3 92.2 138.4
77 53.2 38.6 57.8
79 50.6 38.8 58.2





#18
Hexachloroethane
Concen: 46.682 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

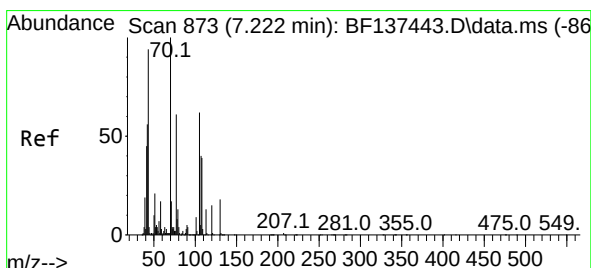
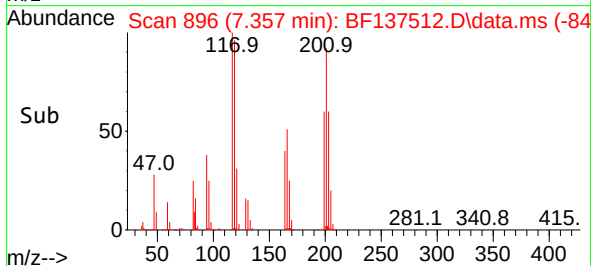
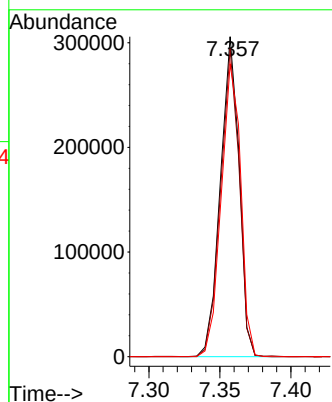
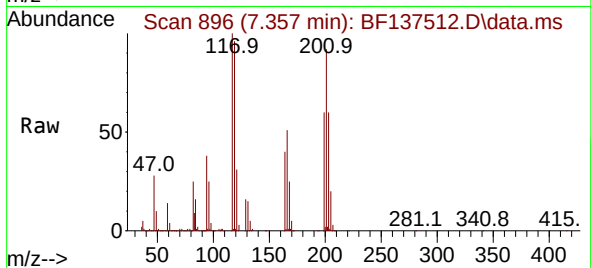
PB159466BS

Tgt Ion:117 Resp: 279844
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
201 91.5 80.6 121.0

Manual Integrations

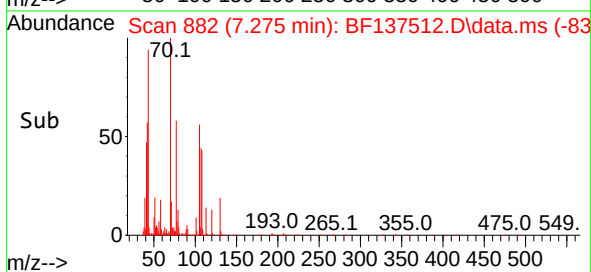
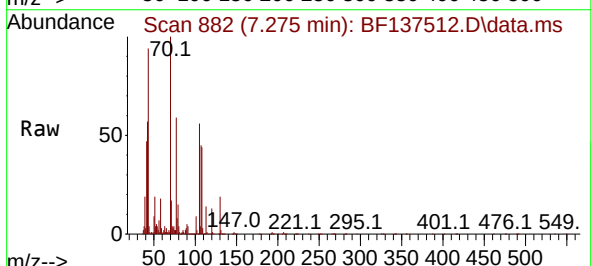
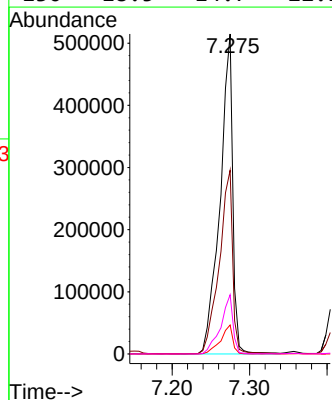
APPROVED

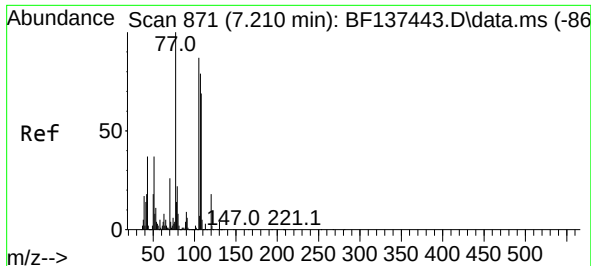
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#19
n-Nitroso-di-n-propylamine
Concen: 41.766 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 70 Resp: 587758
Ion Ratio Lower Upper
70 100
42 57.4 45.2 67.8
101 9.0 7.3 10.9
130 18.5 14.7 22.1





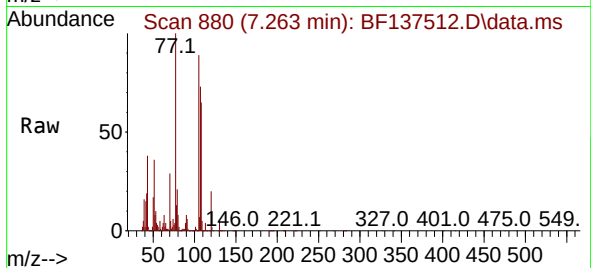
#20
3+4-Methylphenols
Concen: 40.986 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

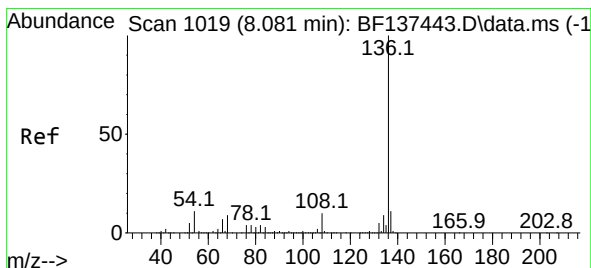
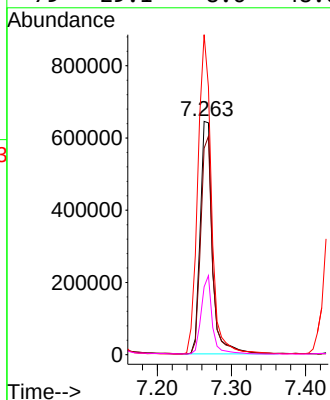
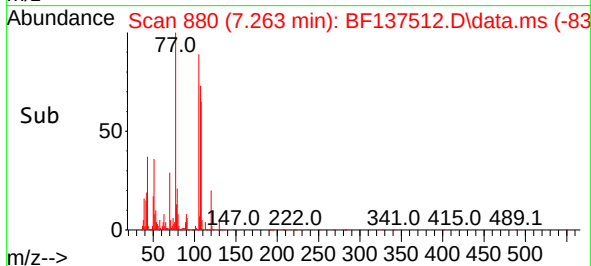


Tgt Ion:107 Resp: 731420
Ion Ratio Lower Upper
107 100
108 88.5 67.6 107.6
77 137.1 107.1 147.1
79 29.1 8.6 48.6

Manual Integrations

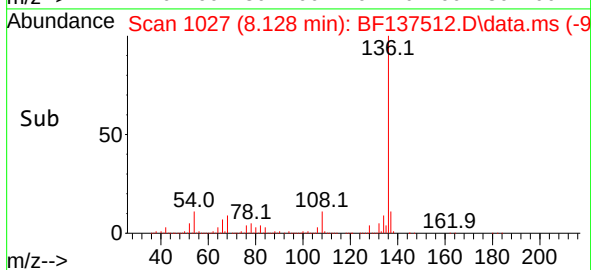
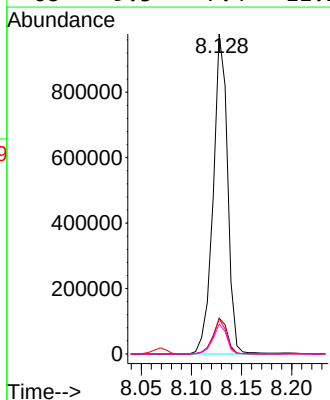
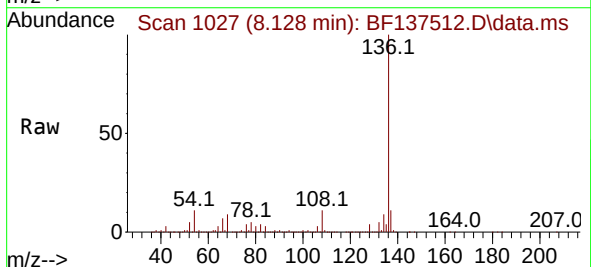
APPROVED

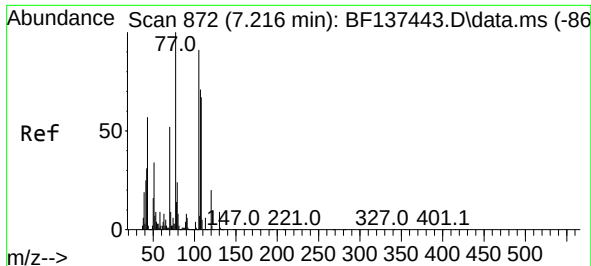
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

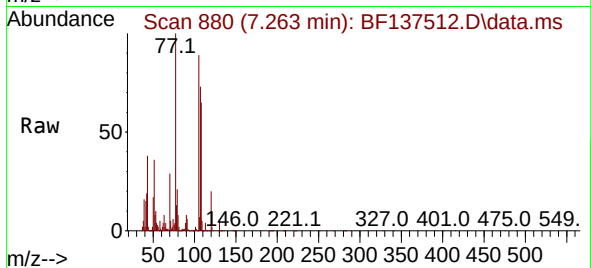
Tgt Ion:136 Resp: 974890
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.0 8.5 12.7
68 9.3 7.4 11.2





#22
Acetophenone
Concen: 44.181 ng
RT: 7.263 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

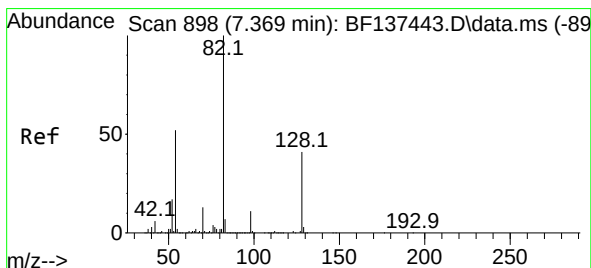
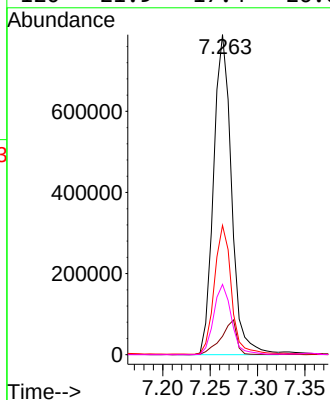
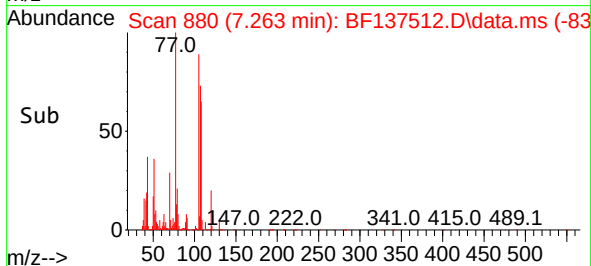
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion: 105 Resp: 1042130
Ion Ratio Lower Upper
105 100
71 5.8 7.7 11.5
51 40.4 30.4 45.6
120 21.9 17.4 26.0

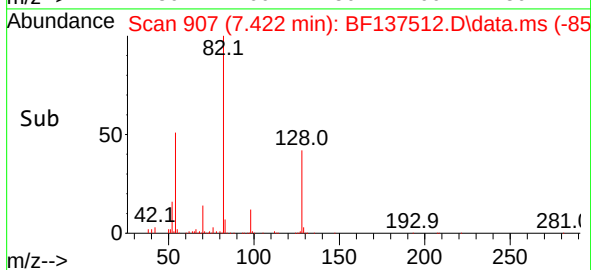
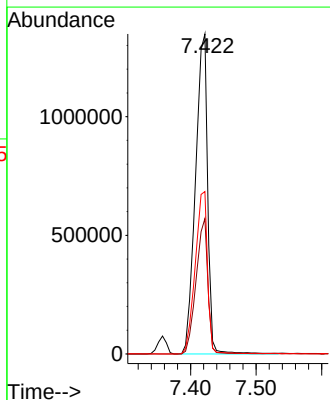
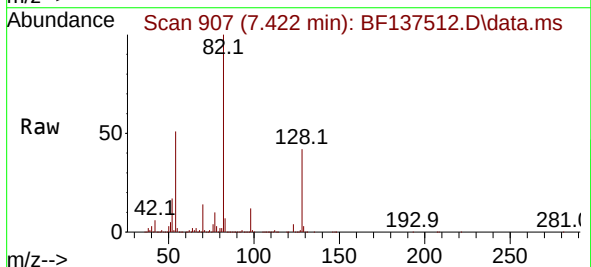
Manual Integrations
APPROVED

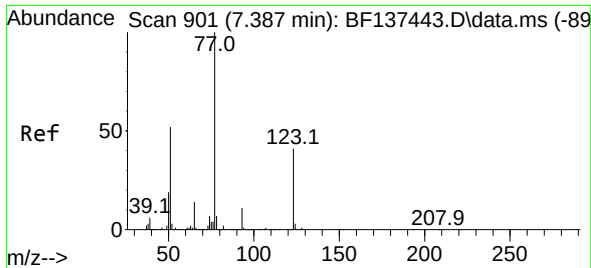
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#23
Nitrobenzene-d5
Concen: 83.111 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

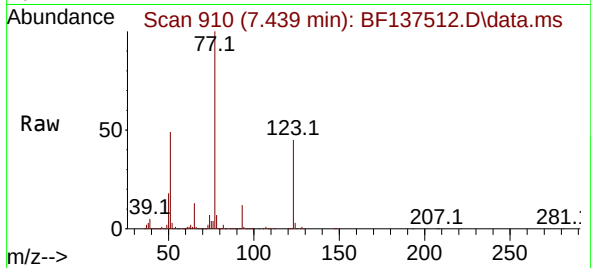
Tgt Ion: 82 Resp: 1743793
Ion Ratio Lower Upper
82 100
128 42.3 32.5 48.7
54 50.7 41.5 62.3





#24
Nitrobenzene
Concen: 42.998 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

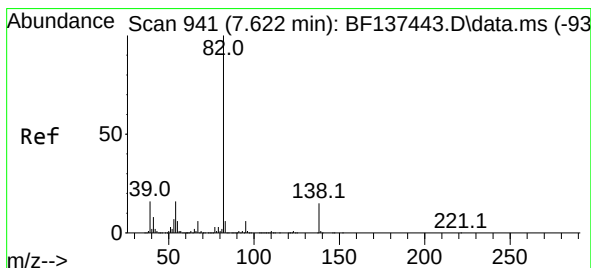
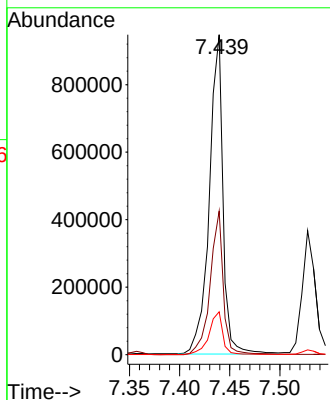
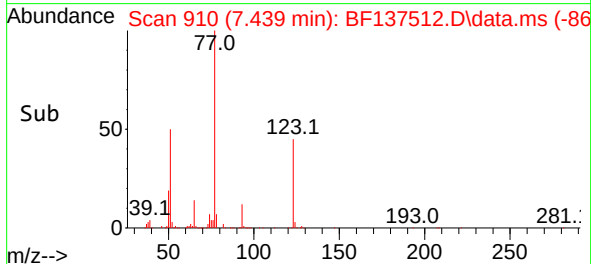
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion: 77 Resp: 90626
Ion Ratio Lower Upper
77 100
123 44.8 33.0 49.6
65 13.4 10.9 16.3

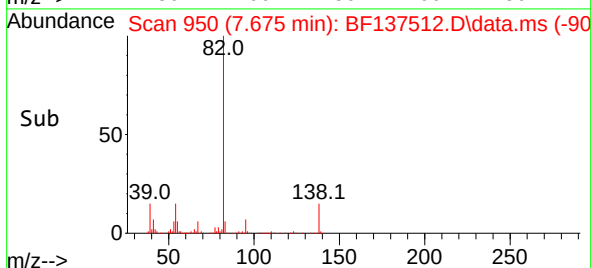
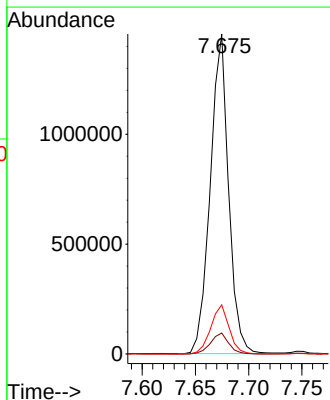
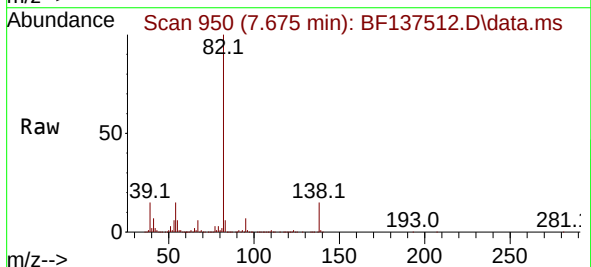
Manual Integrations
APPROVED

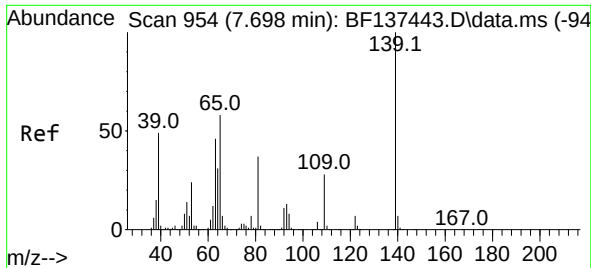
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#25
Isophorone
Concen: 43.765 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 82 Resp: 1744517
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.3 11.8 17.8





#26
2-Nitrophenol
Concen: 48.322 ng
RT: 7.751 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

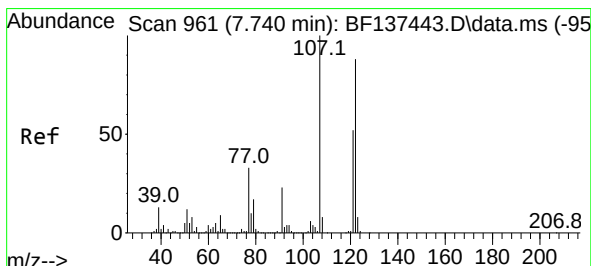
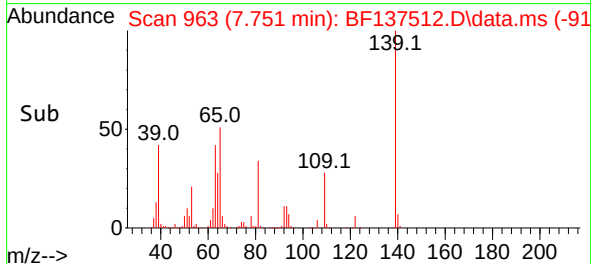
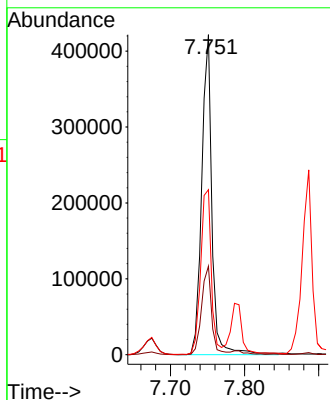
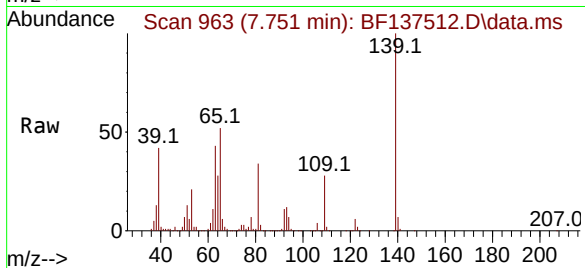
ClientSampleId :

PB159466BS

Tgt Ion:139 Resp: 40435
Ion Ratio Lower Upper
139 100
109 27.6 22.2 33.4
65 51.6 46.2 69.2

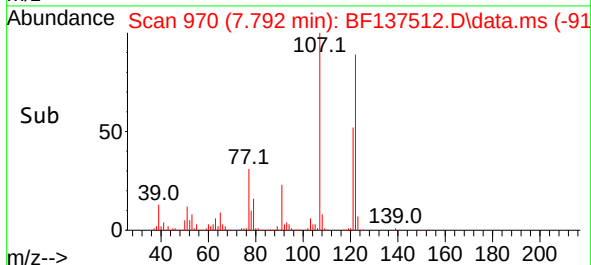
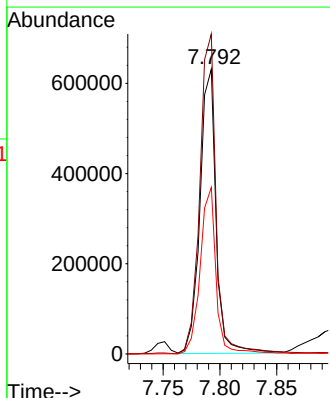
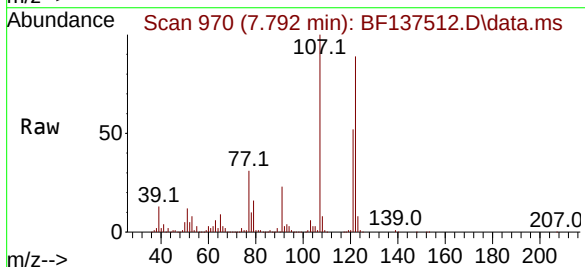
Manual Integrations
APPROVED

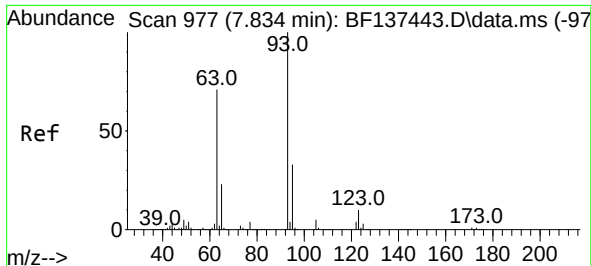
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#27
2,4-Dimethylphenol
Concen: 39.812 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:122 Resp: 622490
Ion Ratio Lower Upper
122 100
107 112.4 90.9 136.3
121 58.5 47.0 70.6





#28
bis(2-Chloroethoxy)methane
Concen: 43.826 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

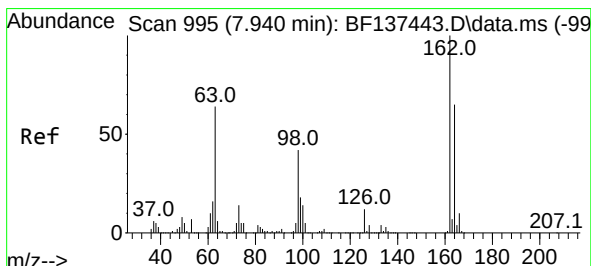
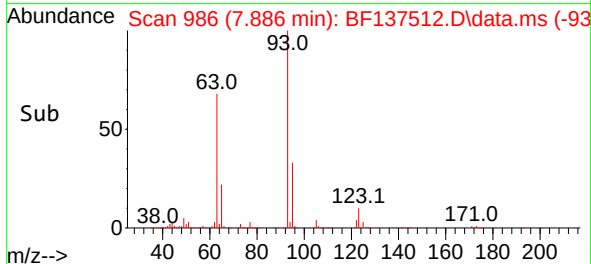
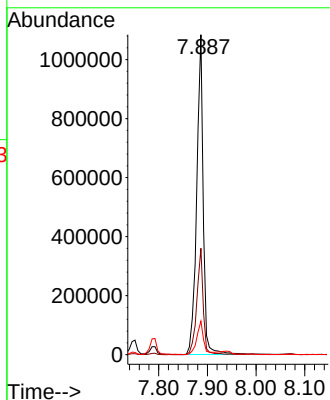
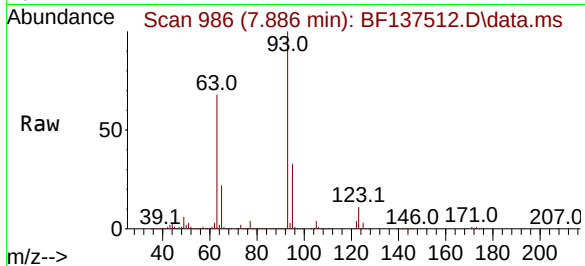
ClientSampleId :

PB159466BS

Tgt Ion: 93 Resp: 102500
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 10.5 8.0 12.0

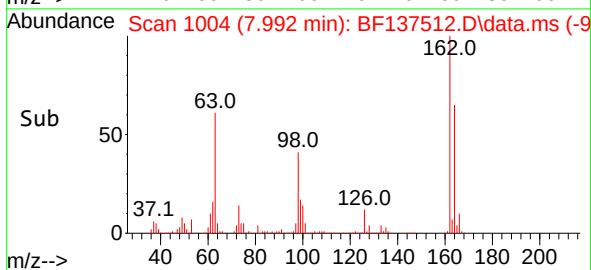
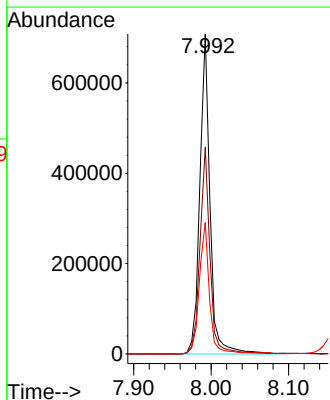
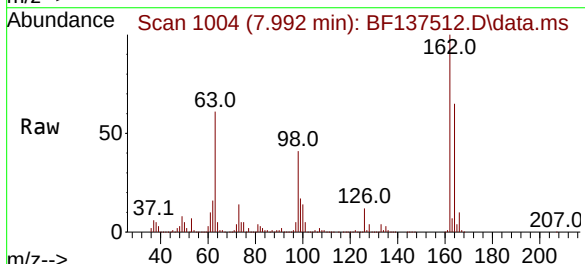
Manual Integrations
APPROVED

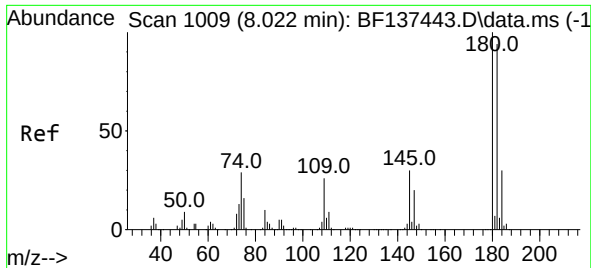
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#29
2,4-Dichlorophenol
Concen: 45.010 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:162 Resp: 645898
Ion Ratio Lower Upper
162 100
164 64.6 44.7 84.7
98 41.1 22.0 62.0





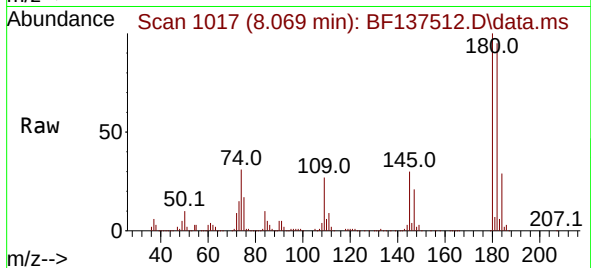
#30
1,2,4-Trichlorobenzene
Concen: 44.453 ng
RT: 8.069 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

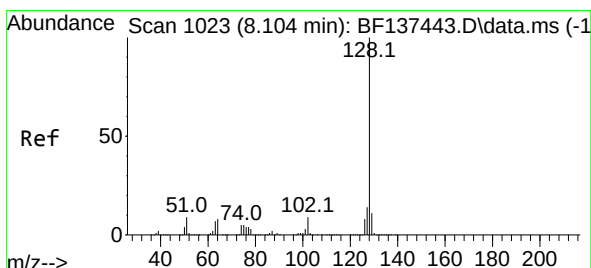
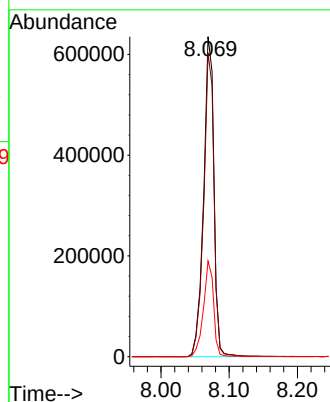
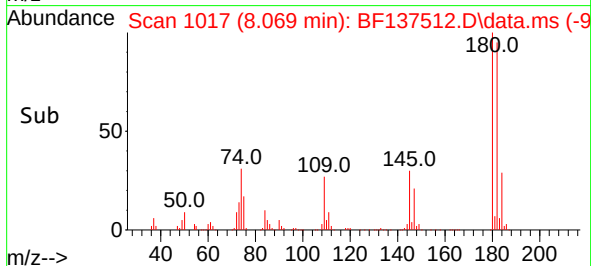


Tgt Ion:180 Resp: 671297
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
145 29.9 23.7 35.5

Manual Integrations

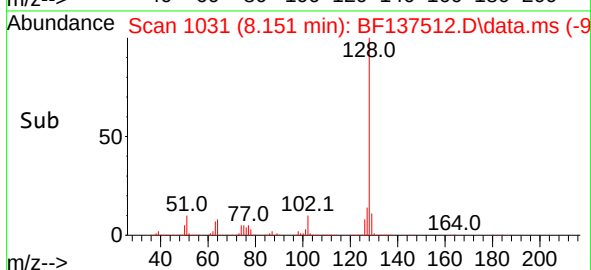
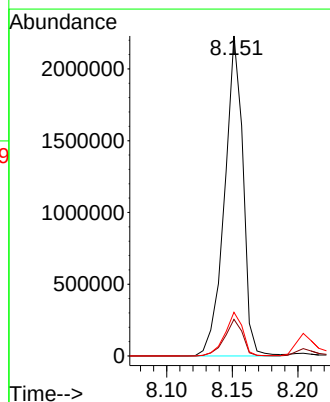
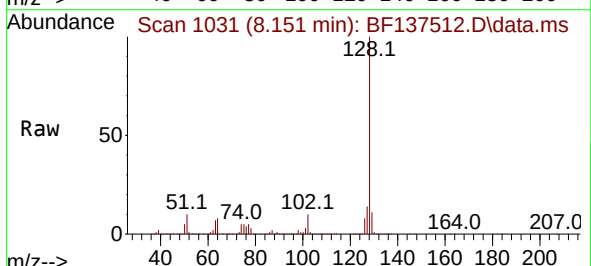
APPROVED

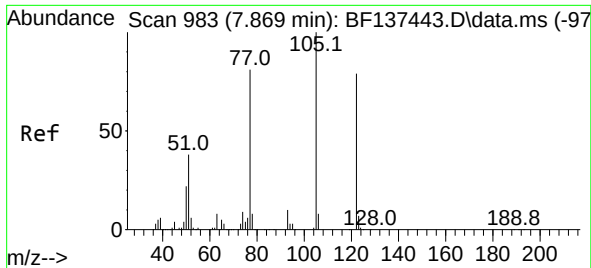
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#31
Naphthalene
Concen: 41.472 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:128 Resp: 2169264
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 10.8 16.2





#32
Benzoic acid
Concen: 45.697 ng
RT: 7.939 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

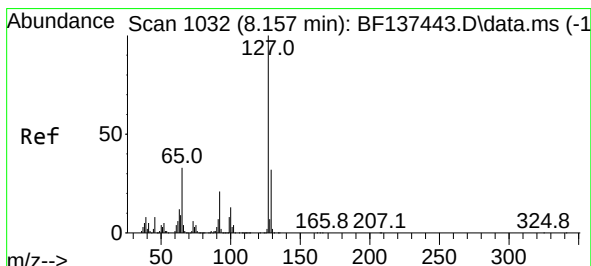
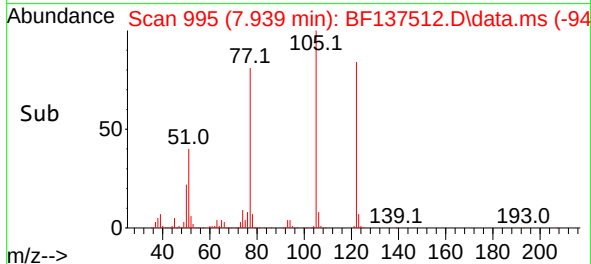
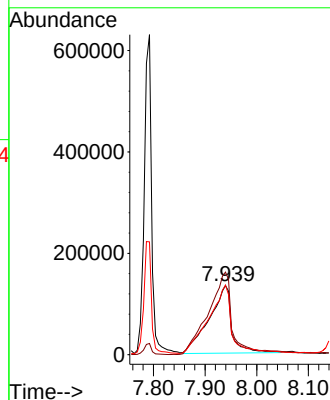
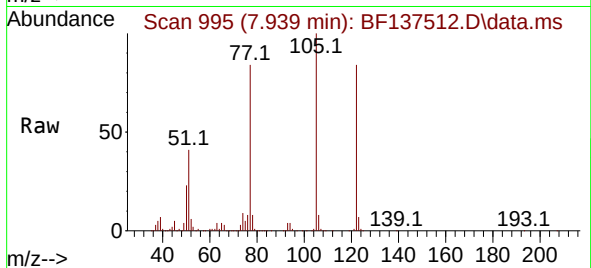
ClientSampleId :

PB159466BS

Tgt Ion:122 Resp: 408340
Ion Ratio Lower Upper
122 100
105 119.5 102.4 142.4
77 100.8 81.1 121.1

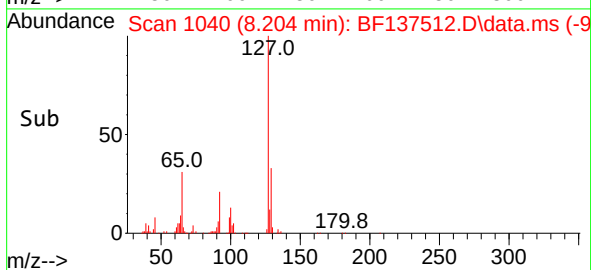
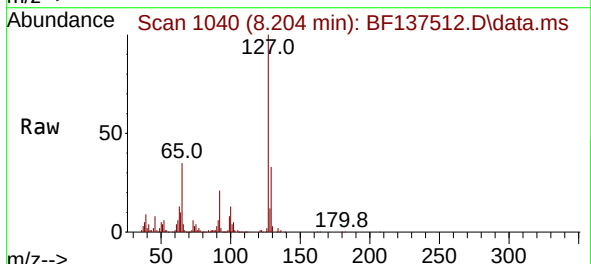
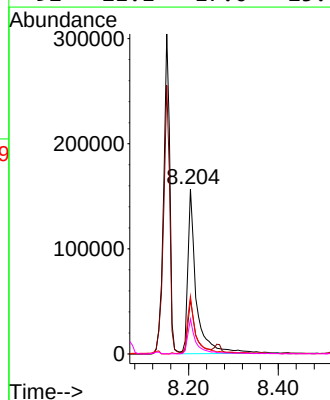
Manual Integrations
APPROVED

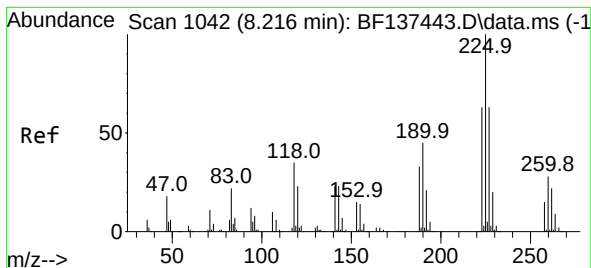
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#33
4-Chloroaniline
Concen: 10.073 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:127 Resp: 206594
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 35.1 26.8 40.2
92 21.1 17.0 25.6





#34

Hexachlorobutadiene

Concen: 43.437 ng

RT: 8.269 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

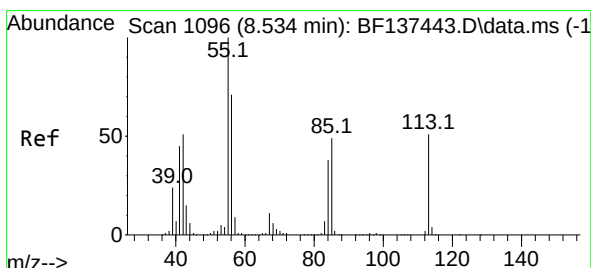
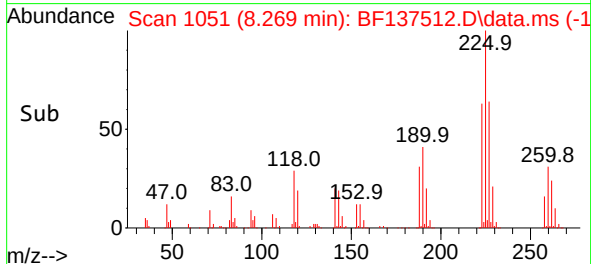
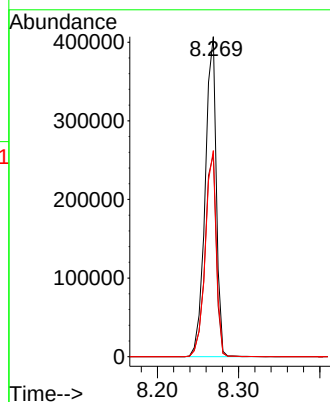
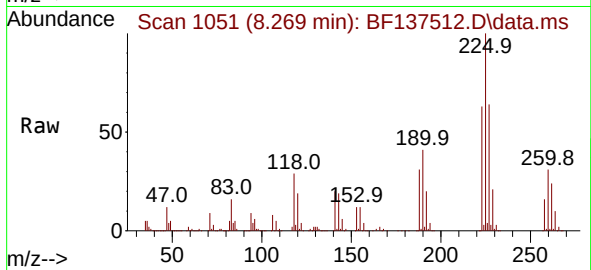
PB159466BS

Tgt Ion:225 Resp: 387258
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.7 76.1
 227 64.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024



#35

Caprolactam

Concen: 45.830 ng m

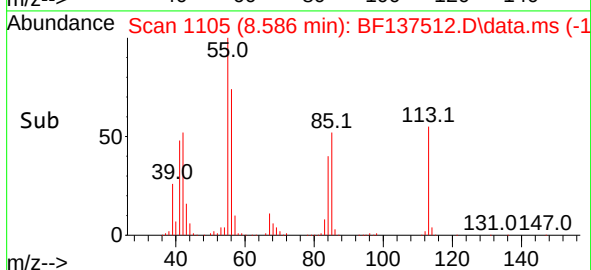
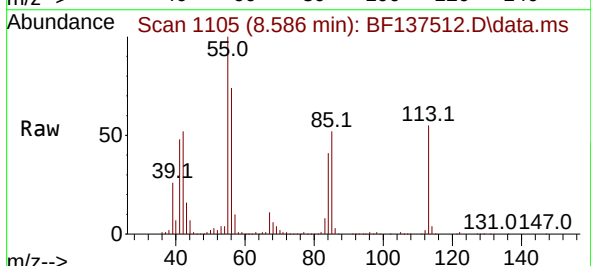
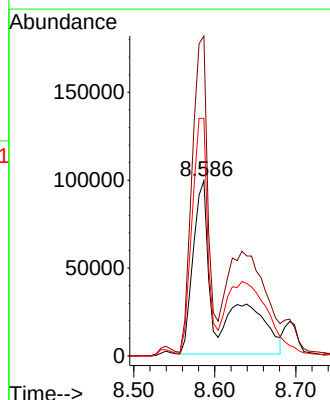
RT: 8.586 min Scan# 1105

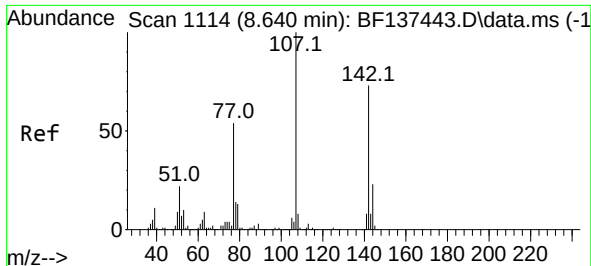
Delta R.T. -0.006 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Tgt Ion:113 Resp: 223005
 Ion Ratio Lower Upper
 113 100
 55 182.7 176.7 216.7
 56 135.6 120.6 160.6





#36
4-Chloro-3-methylphenol
Concen: 45.445 ng
RT: 8.692 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

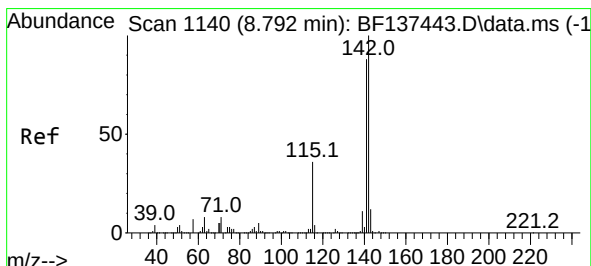
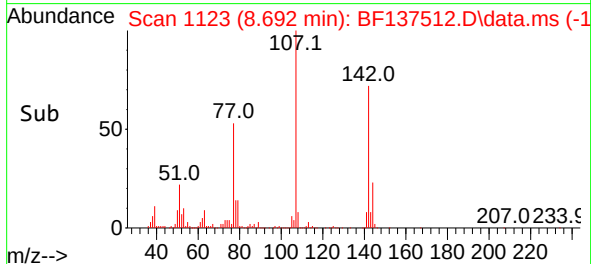
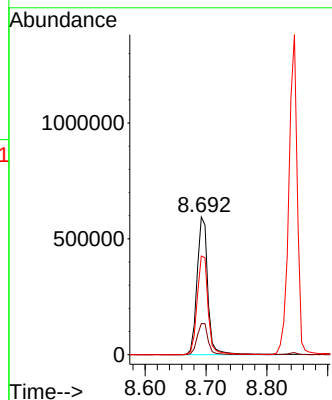
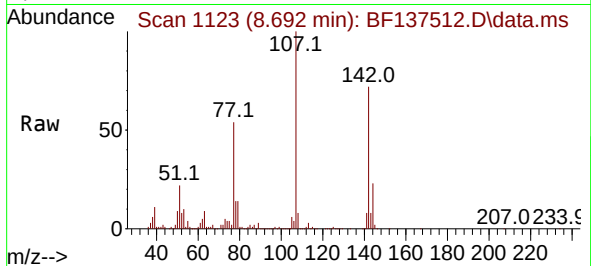
PB159466BS

Tgt Ion:107 Resp: 72895
Ion Ratio Lower Upper
107 100
144 22.5 18.7 28.1
142 71.6 58.2 87.2

Manual Integrations

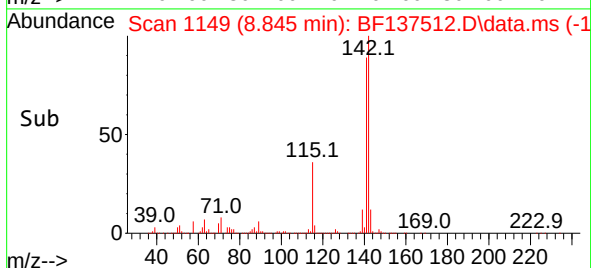
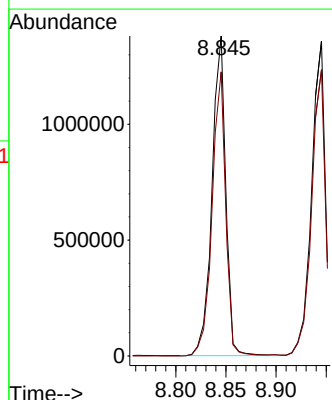
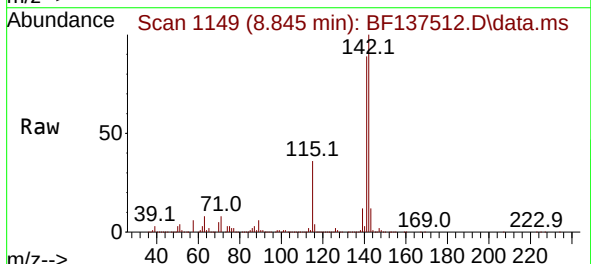
APPROVED

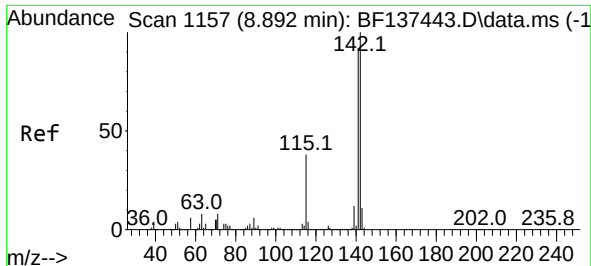
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#37
2-Methylnaphthalene
Concen: 39.587 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:142 Resp: 1320026
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6





#38
1-Methylnaphthalene
Concen: 41.219 ng
RT: 8.945 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

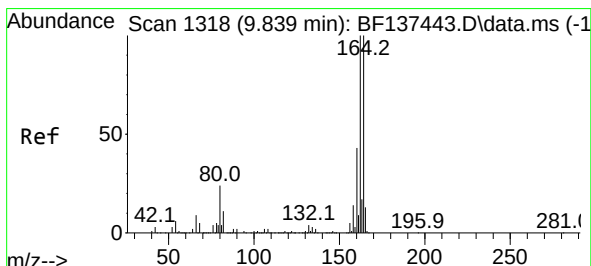
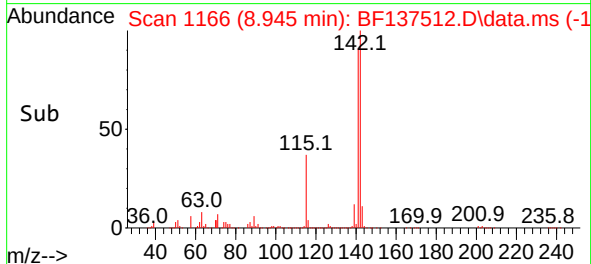
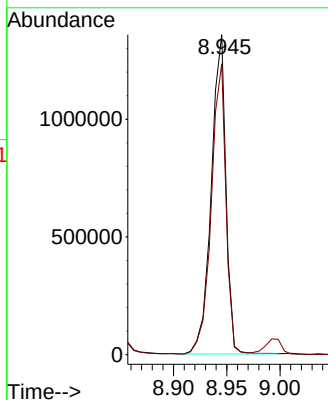
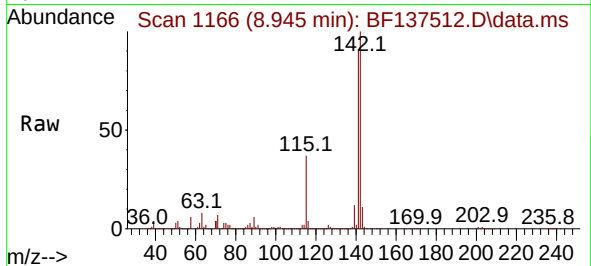
PB159466BS

Tgt Ion:142 Resp: 129436
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2

Manual Integrations

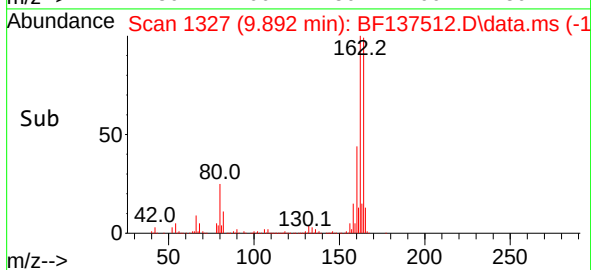
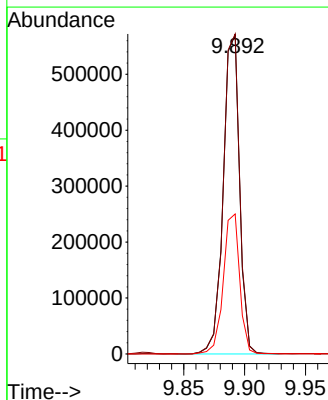
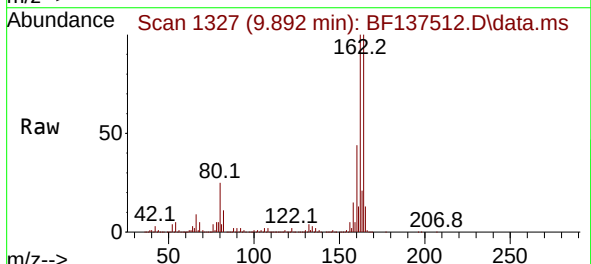
APPROVED

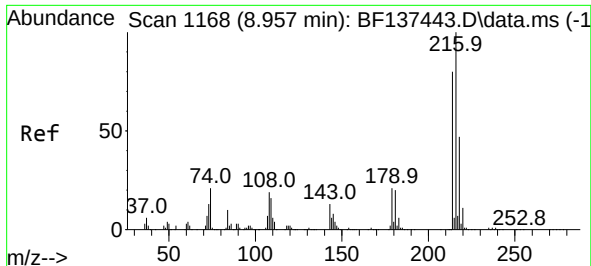
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:164 Resp: 533345
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 43.9 34.4 51.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.828 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

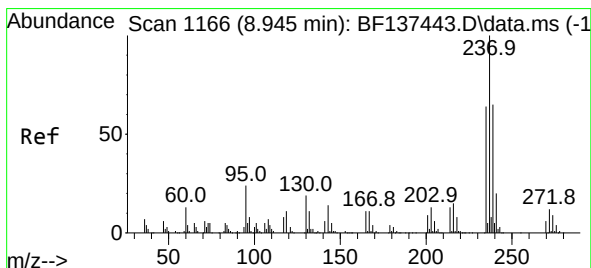
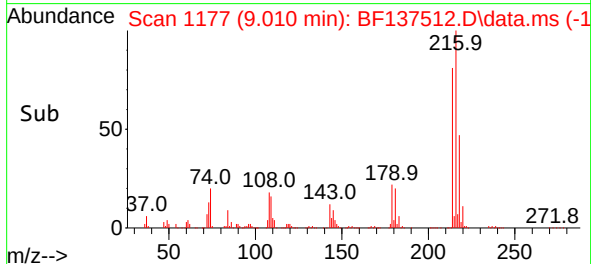
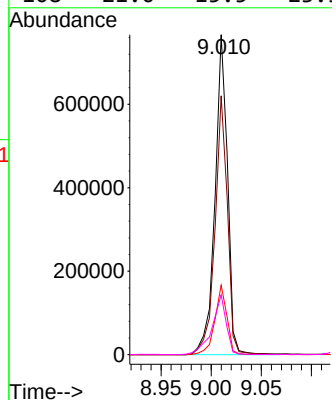
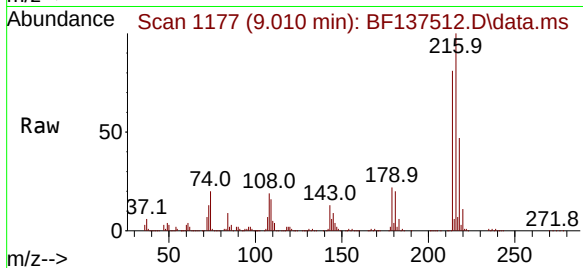
PB159466BS

Tgt Ion:216 Resp: 667478
Ion Ratio Lower Upper
216 100
214 80.7 63.5 95.3
179 21.1 16.6 25.0
108 21.0 15.5 23.3

Manual Integrations

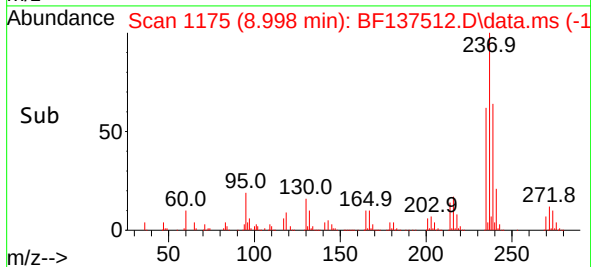
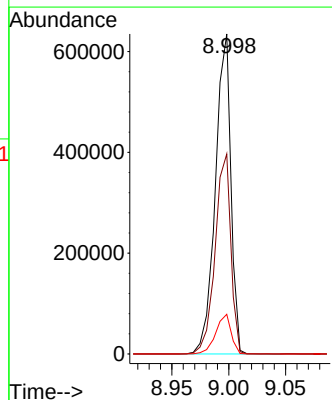
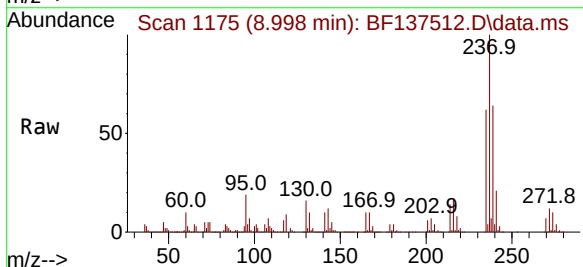
APPROVED

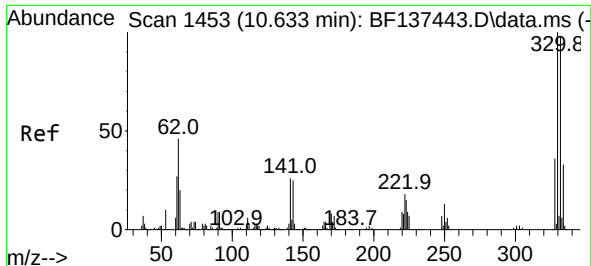
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#41
Hexachlorocyclopentadiene
Concen: 97.274 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:237 Resp: 603129
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 12.4 0.0 31.9





#42
2,4,6-Tribromophenol
Concen: 140.232 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

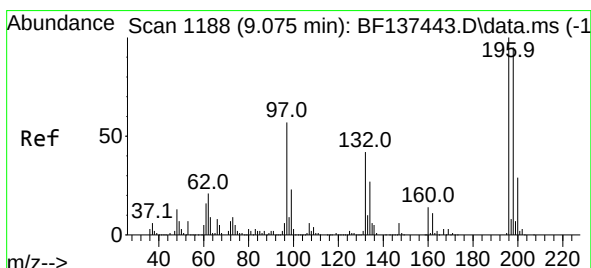
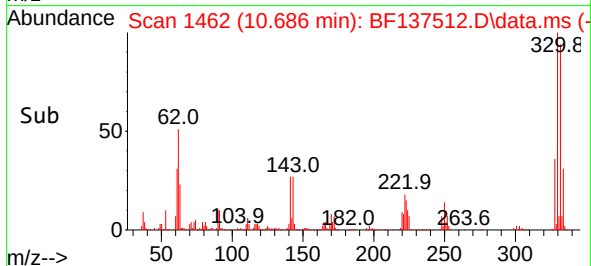
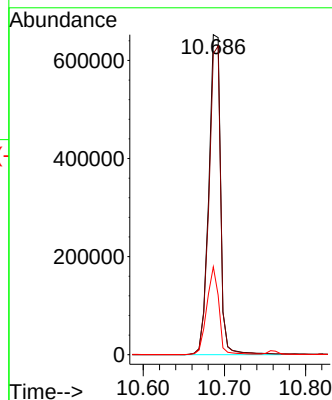
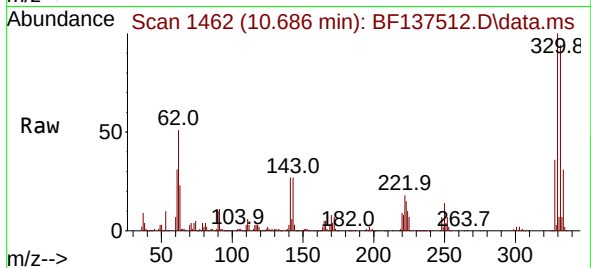
PB159466BS

Tgt Ion:330 Resp: 65680
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 27.9 27.3 40.9

Manual Integrations

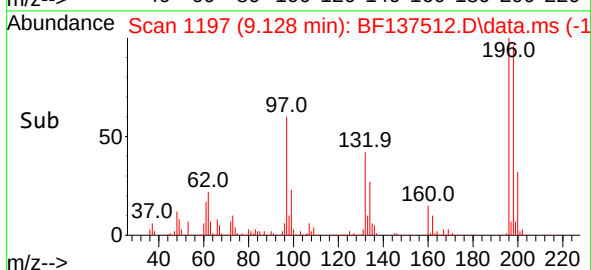
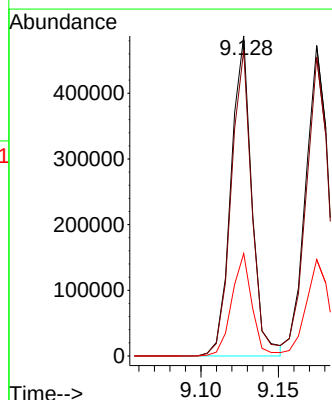
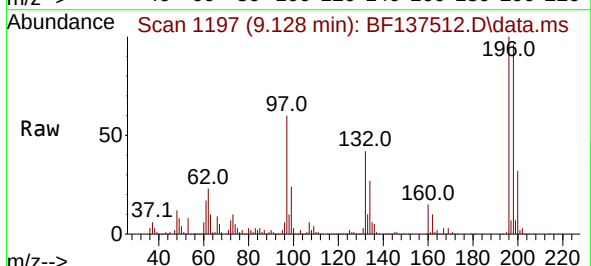
APPROVED

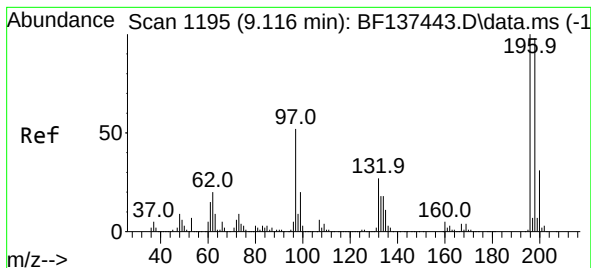
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#43
2,4,6-Trichlorophenol
Concen: 46.824 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:196 Resp: 454014
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.8
200 32.0 23.5 35.3





#44

2,4,5-Trichlorophenol

Concen: 42.294 ng

RT: 9.175 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

Tgt Ion:196 Resp: 472404

Ion Ratio Lower Upper

196 100

198 96.3 78.6 117.8

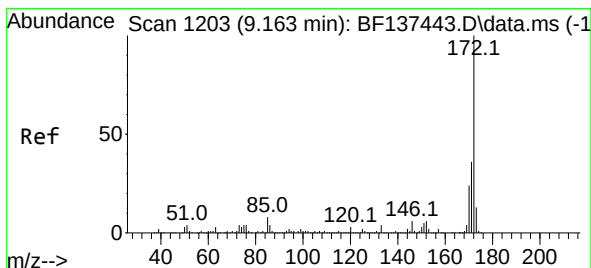
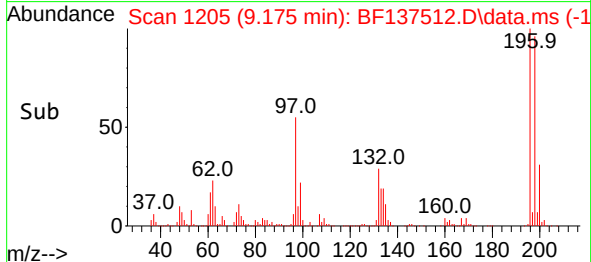
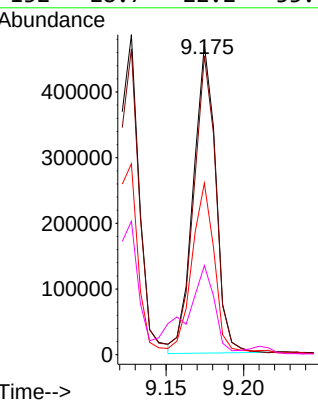
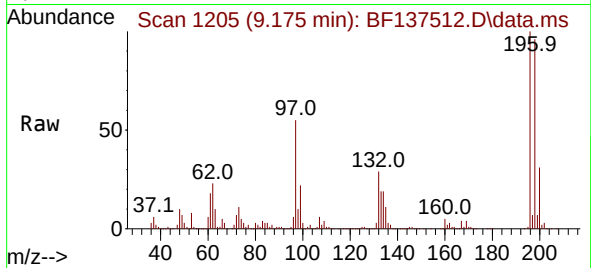
97 55.3 41.8 62.8

132 28.7 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#45

2-Fluorobiphenyl

Concen: 80.102 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

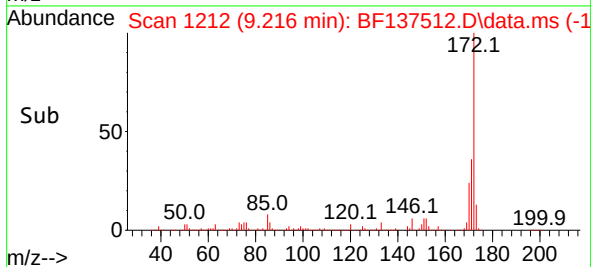
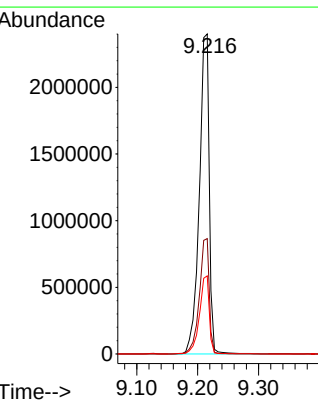
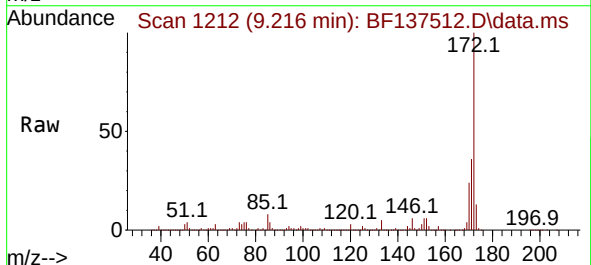
Tgt Ion:172 Resp: 2729225

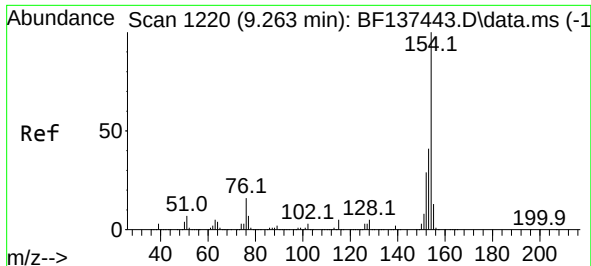
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6





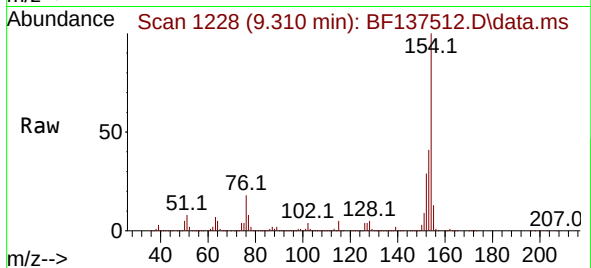
#46
1,1'-Biphenyl
Concen: 43.585 ng
RT: 9.310 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

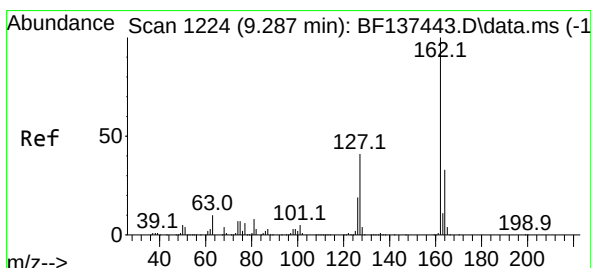
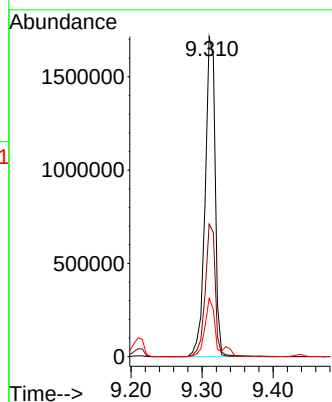
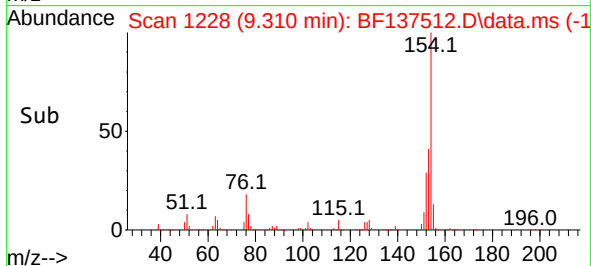


Tgt Ion:154 Resp: 1701400
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 18.2 0.0 35.8

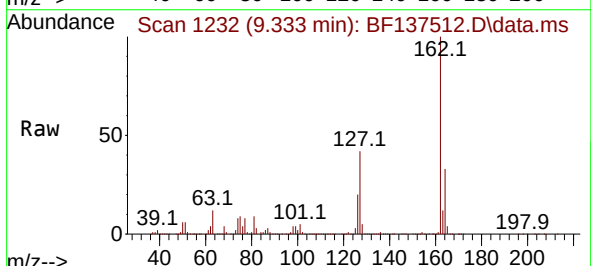
Manual Integrations

APPROVED

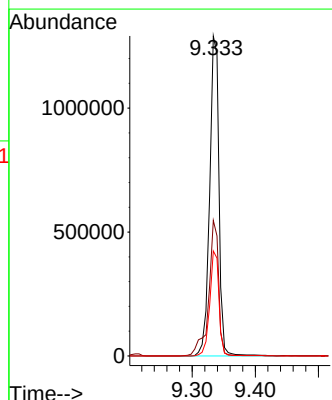
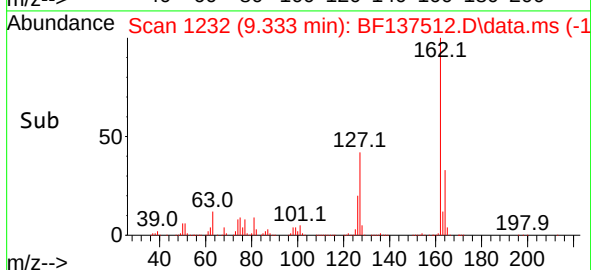
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

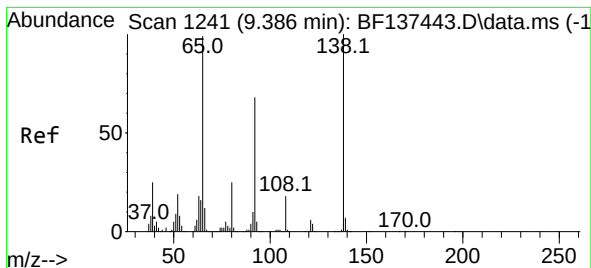


#47
2-Chloronaphthalene
Concen: 44.749 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



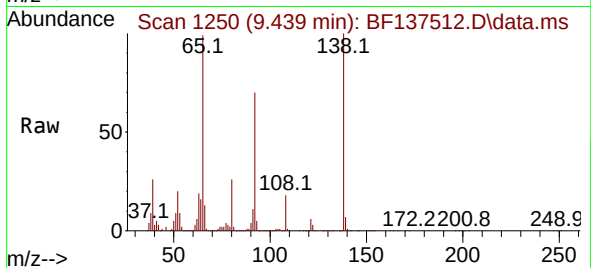
Tgt Ion:162 Resp: 1331827
Ion Ratio Lower Upper
162 100
127 42.4 32.6 49.0
164 32.8 26.5 39.7





#48
2-Nitroaniline
Concen: 47.440 ng
RT: 9.439 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

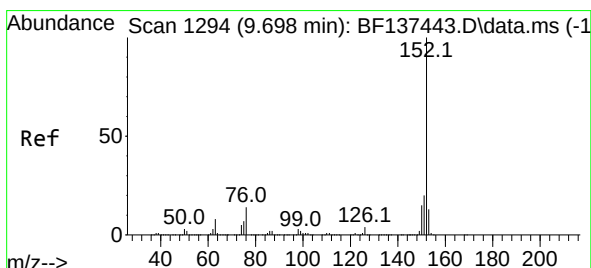
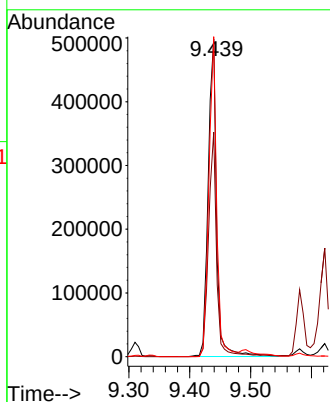
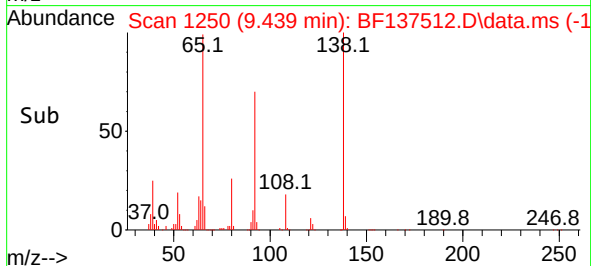
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion: 65 Resp: 479890
Ion Ratio Lower Upper
65 100
92 70.7 55.4 83.2
138 100.7 81.0 121.6

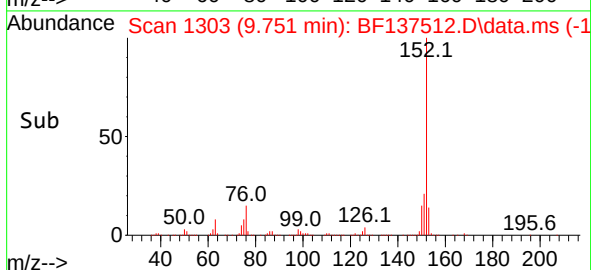
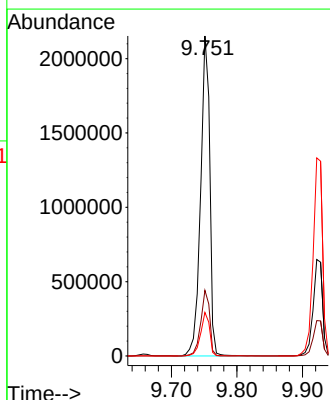
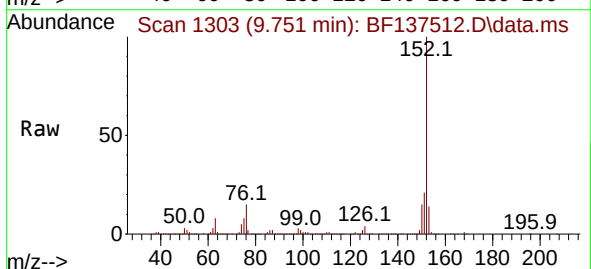
Manual Integrations
APPROVED

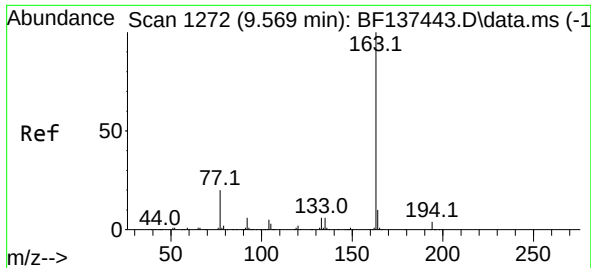
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#49
Acenaphthylene
Concen: 44.051 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:152 Resp: 2098107
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.6 10.8 16.2





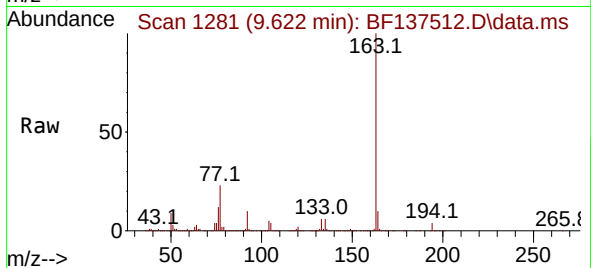
#50
Dimethylphthalate
Concen: 43.727 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

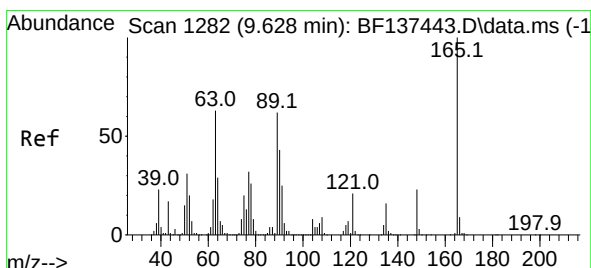
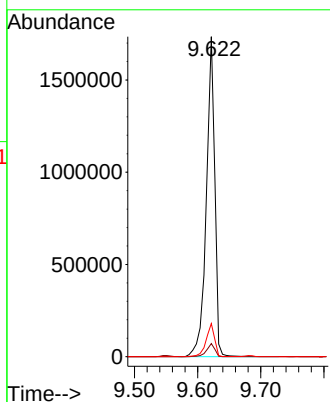
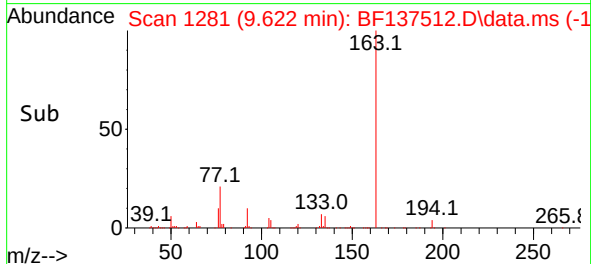


Tgt Ion:163 Resp: 162346
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.1 12.1

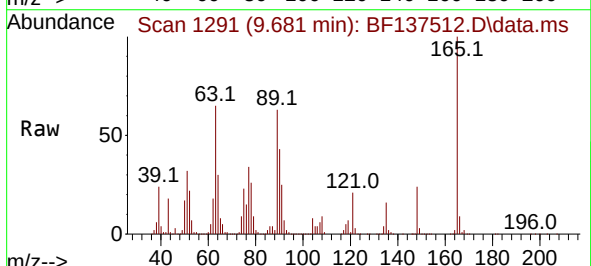
Manual Integrations

APPROVED

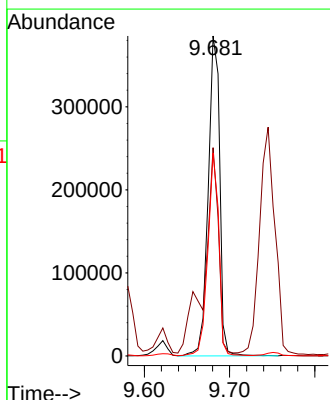
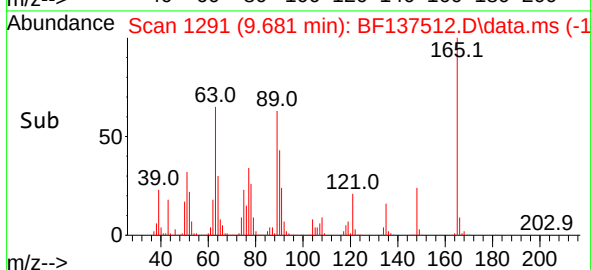
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

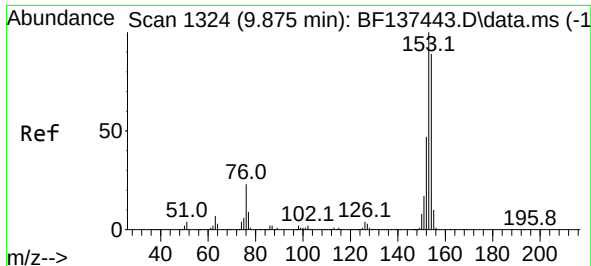


#51
2,6-Dinitrotoluene
Concen: 46.720 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



Tgt Ion:165 Resp: 362804
Ion Ratio Lower Upper
165 100
63 65.1 50.7 76.1
89 63.4 50.0 75.0





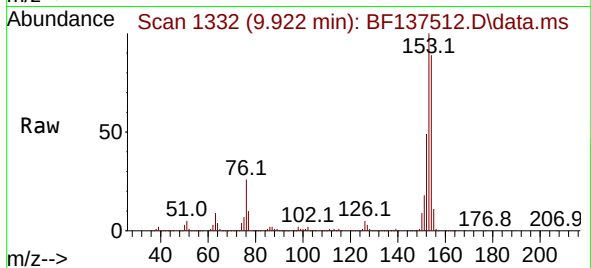
#52
Acenaphthene
Concen: 41.756 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

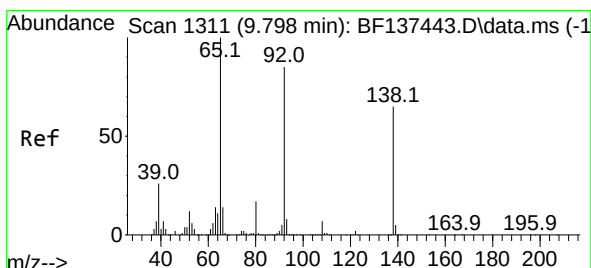
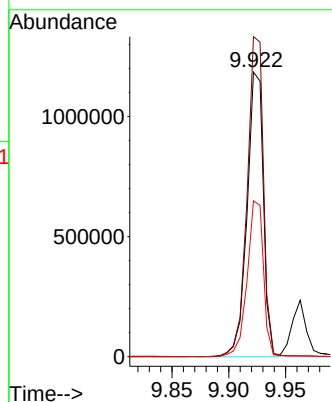
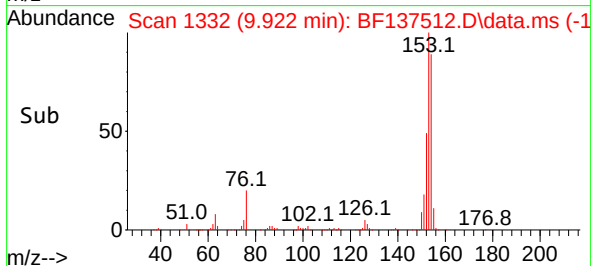


Tgt Ion:154 Resp: 118732
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 54.7 42.7 64.1

Manual Integrations

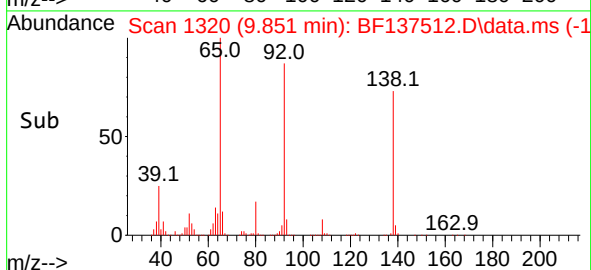
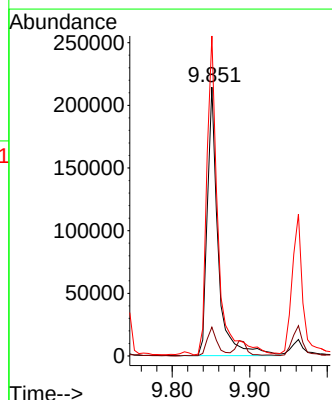
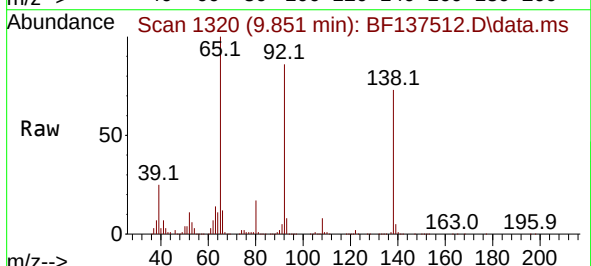
APPROVED

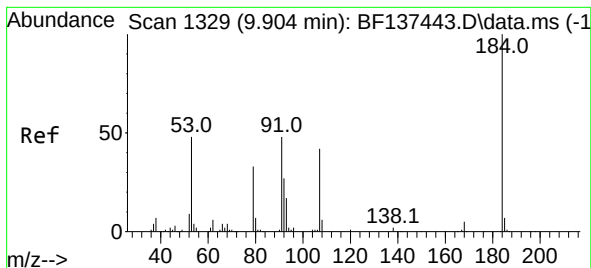
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#53
3-Nitroaniline
Concen: 25.091 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:138 Resp: 206096
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 119.0 104.6 157.0





#54
2,4-Dinitrophenol
Concen: 95.587 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

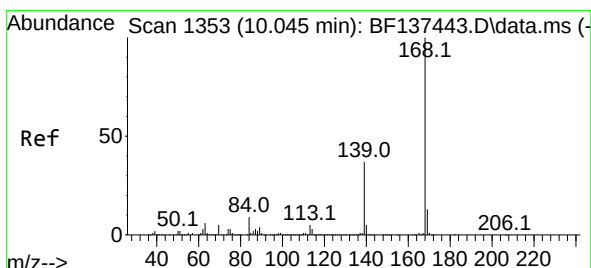
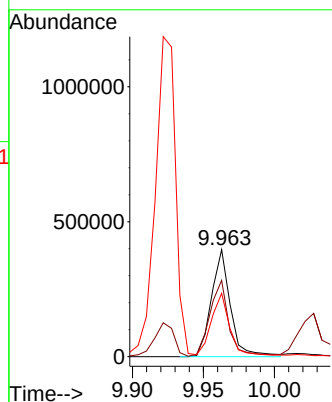
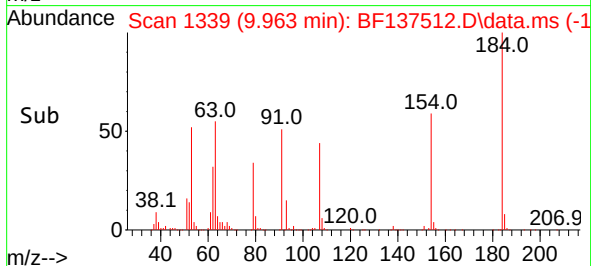
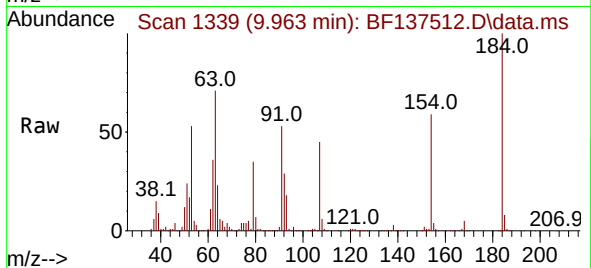
PB159466BS

Tgt Ion:184 Resp: 36881
Ion Ratio Lower Upper
184 100
63 71.4 53.3 79.9
154 59.3 47.4 71.0

Manual Integrations

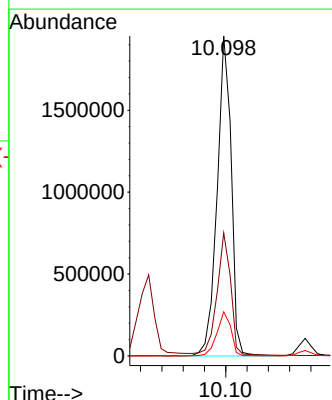
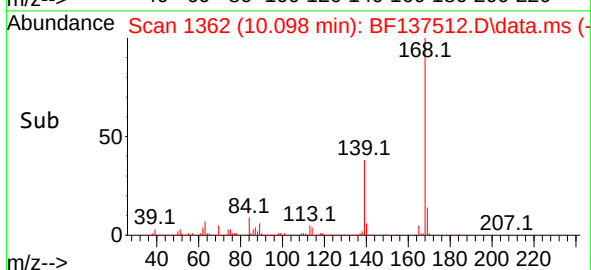
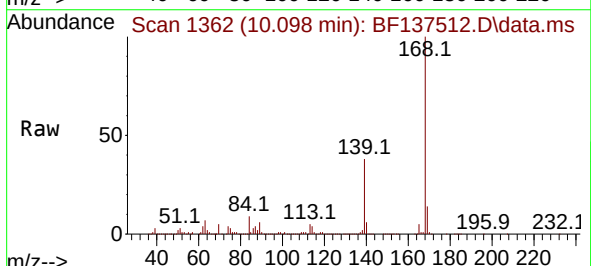
APPROVED

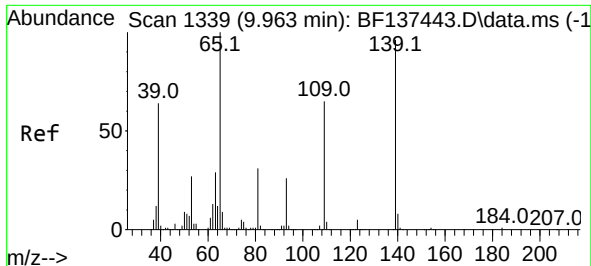
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#55
Dibenzofuran
Concen: 41.281 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:168 Resp: 1787838
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.6
169 13.8 10.8 16.2





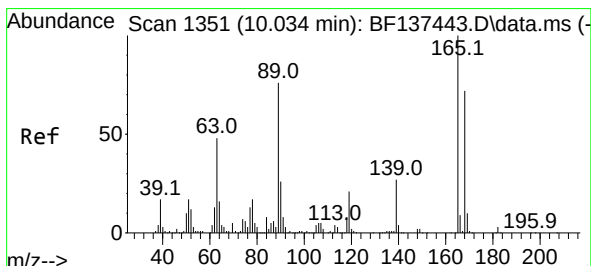
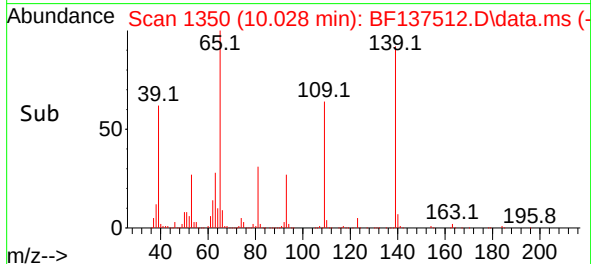
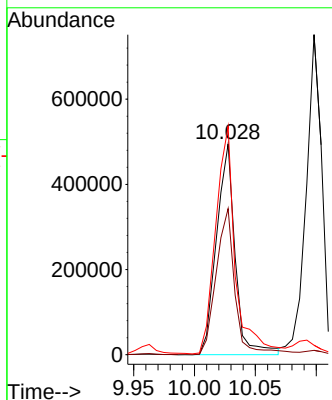
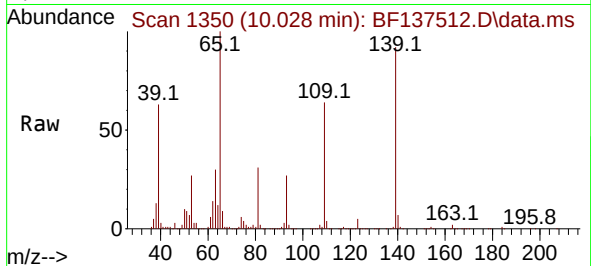
#56
4-Nitrophenol
Concen: 89.862 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Tgt Ion:139 Resp: 52859
Ion Ratio Lower Upper
139 100
109 69.3 47.1 87.1
65 108.4 85.1 125.1

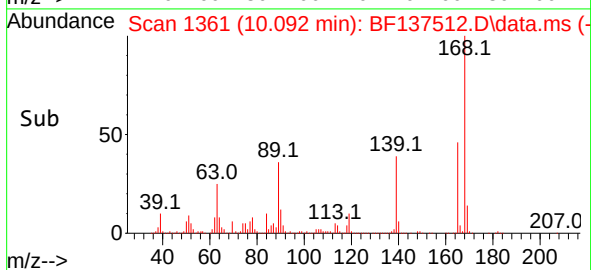
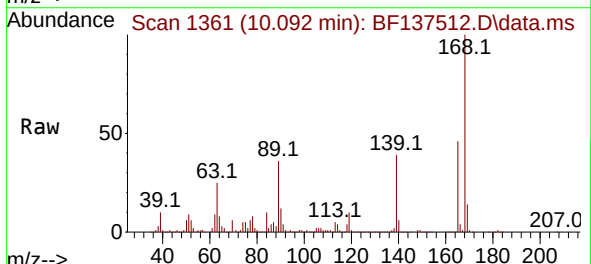
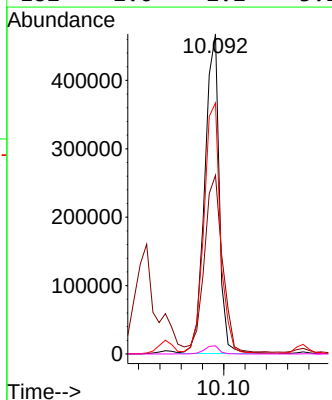
Manual Integrations
APPROVED

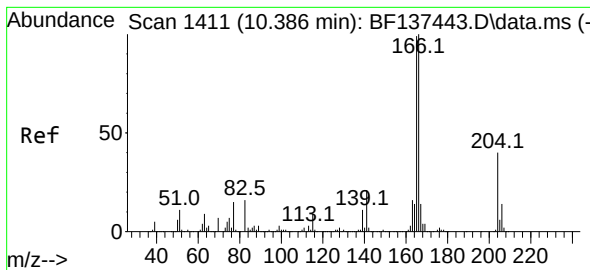
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#57
2,4-Dinitrotoluene
Concen: 46.213 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

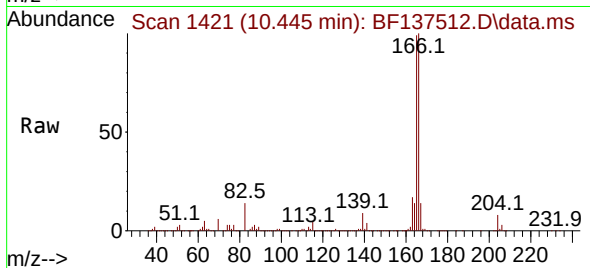
Tgt Ion:165 Resp: 440898
Ion Ratio Lower Upper
165 100
63 55.8 39.0 58.6
89 78.5 60.9 91.3
182 2.6 2.2 3.2





#58
Fluorene
Concen: 40.900 ng
RT: 10.445 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

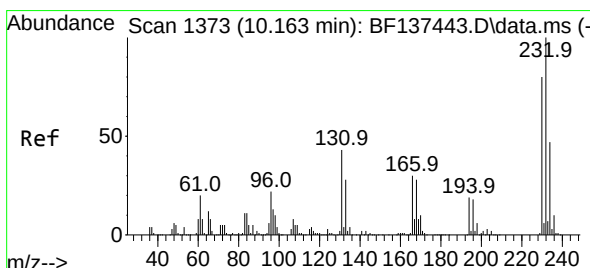
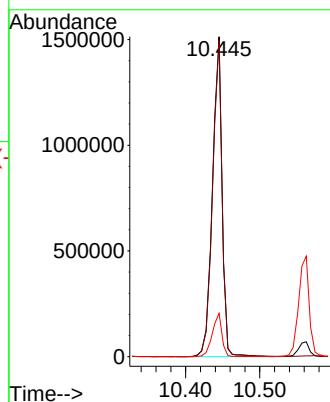
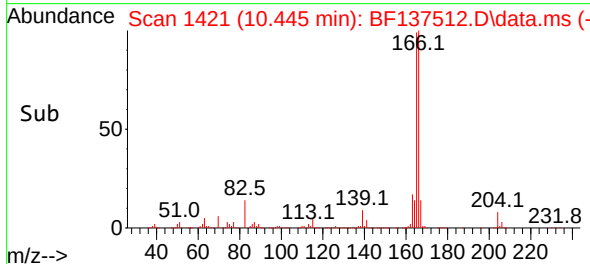
Instrument :
BNA_F
ClientSampleId :
PB159466BS



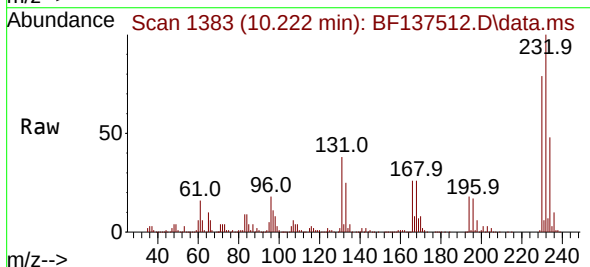
Tgt Ion:166 Resp: 1360354
Ion Ratio Lower Upper
166 100
165 98.8 79.2 118.8
167 13.5 11.0 16.6

Manual Integrations
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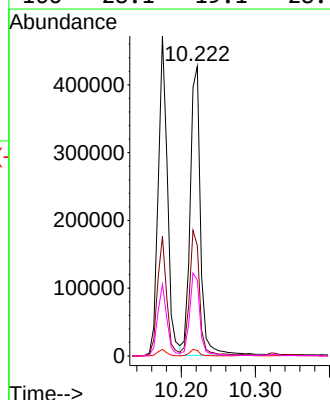
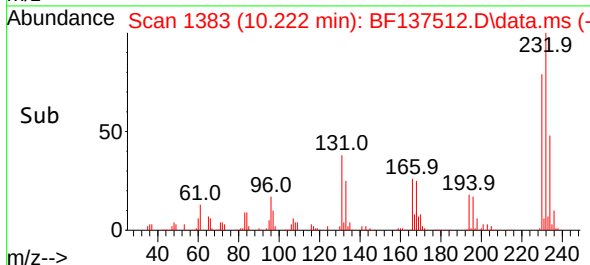
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

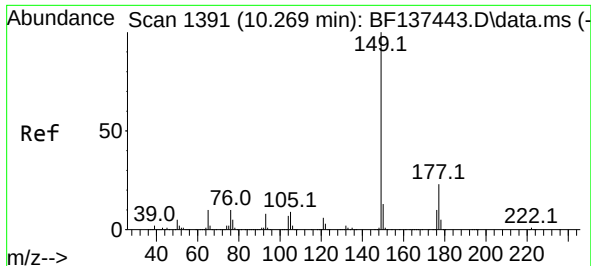


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.155 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



Tgt Ion:232 Resp: 413410
Ion Ratio Lower Upper
232 100
131 42.3 31.2 46.8
130 2.2 1.8 2.6
166 28.1 19.1 28.7





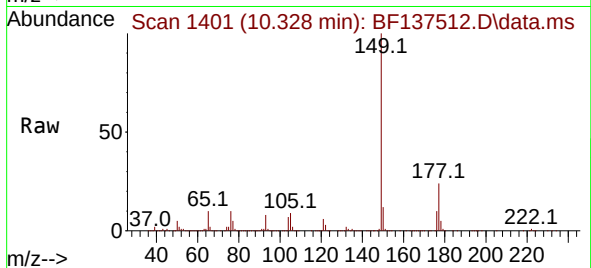
#60
Diethylphthalate
Concen: 43.778 ng
RT: 10.328 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

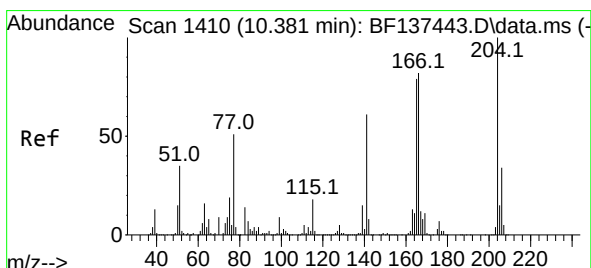
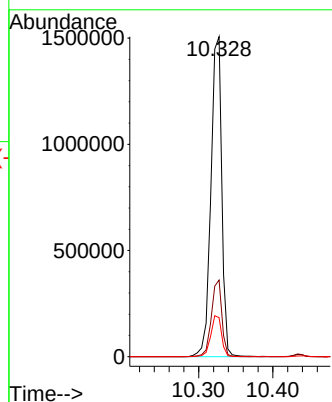
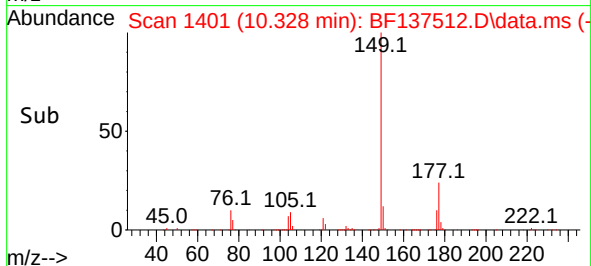


Tgt Ion:149 Resp: 153485
Ion Ratio Lower Upper
149 100
177 23.9 18.7 28.1
150 12.2 10.2 15.4

Manual Integrations

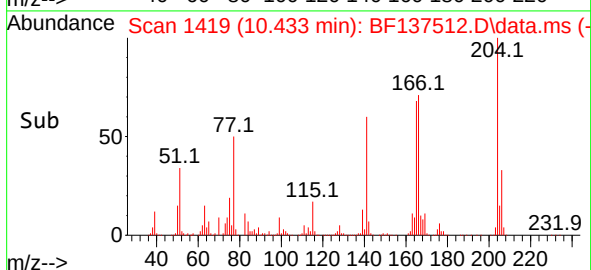
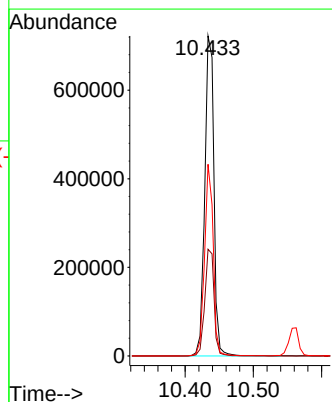
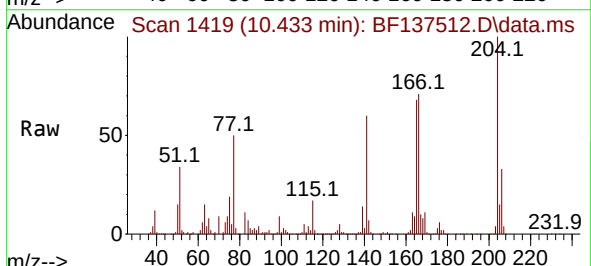
APPROVED

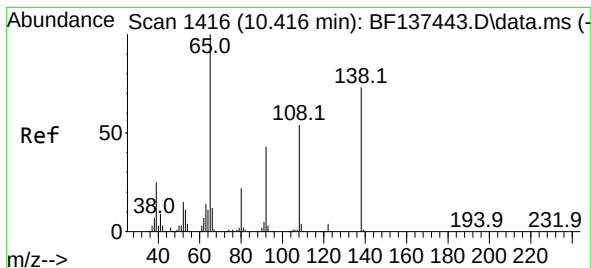
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#61
4-Chlorophenyl-phenylether
Concen: 41.381 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:204 Resp: 674528
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.0
141 59.9 48.4 72.6





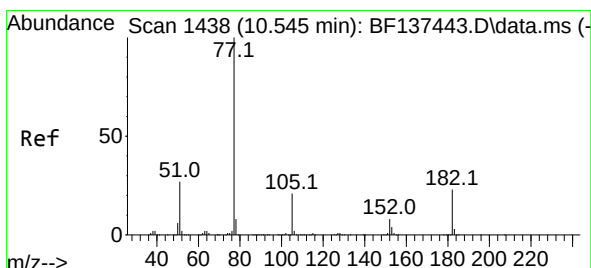
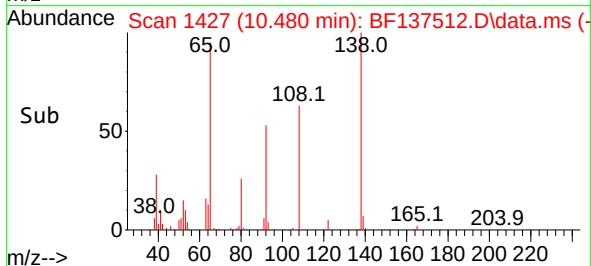
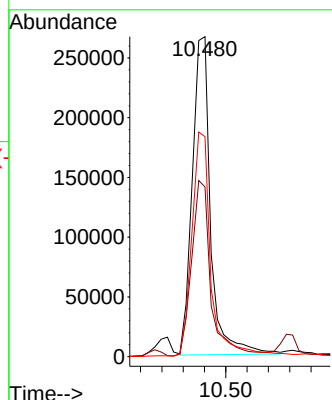
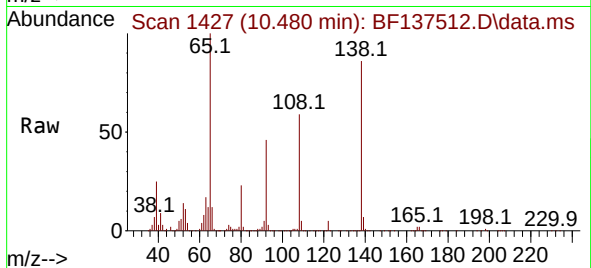
#62
4-Nitroaniline
Concen: 45.226 ng
RT: 10.480 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Tgt Ion:138 Resp: 31928
Ion Ratio Lower Upper
138 100
92 53.0 37.9 77.9
108 68.8 53.2 93.2

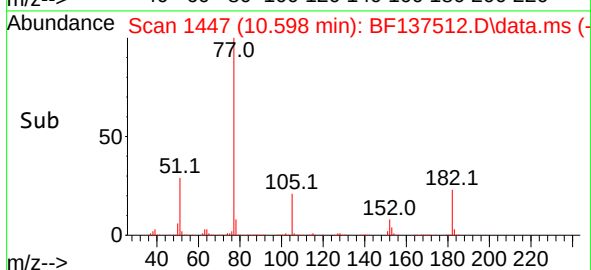
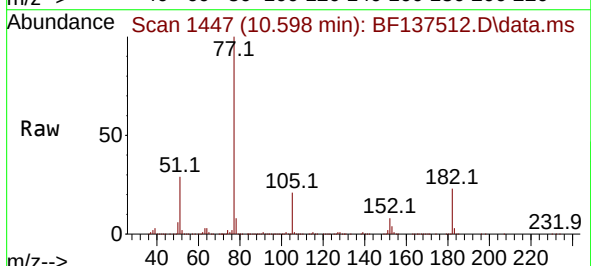
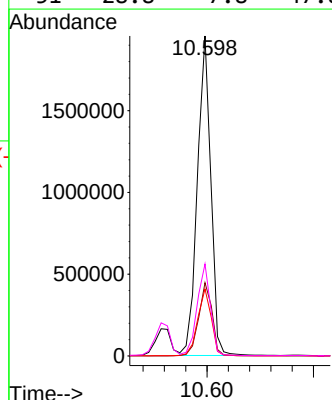
Manual Integrations
APPROVED

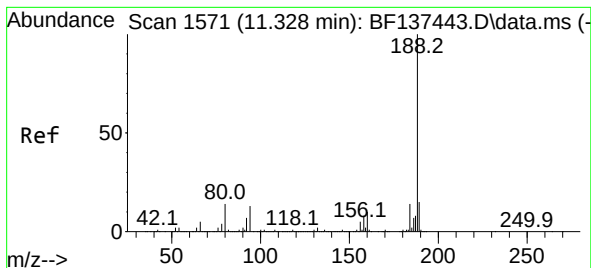
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#63
Azobenzene
Concen: 42.533 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion: 77 Resp: 1717092
Ion Ratio Lower Upper
77 100
182 22.9 3.2 43.2
105 21.0 1.2 41.2
51 28.8 7.8 47.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

Tgt Ion:188 Resp: 95390

Ion Ratio Lower Upper

188 100

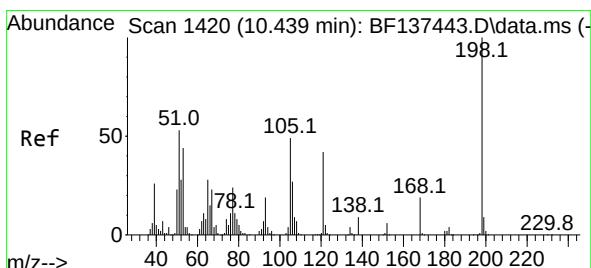
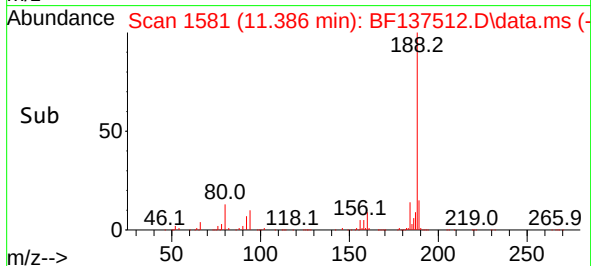
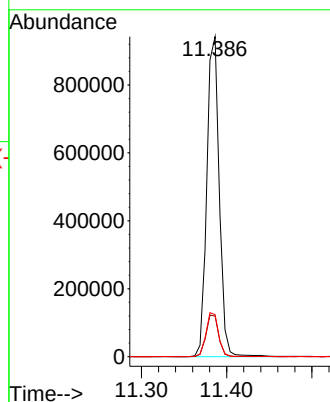
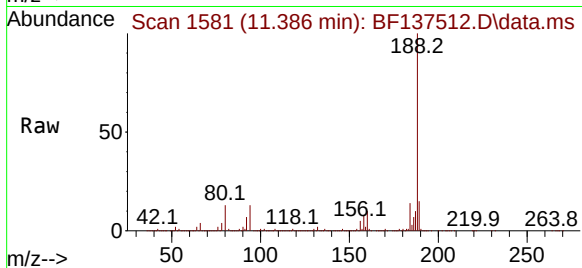
94 12.7 10.6 15.8

80 13.1 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 47.118 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

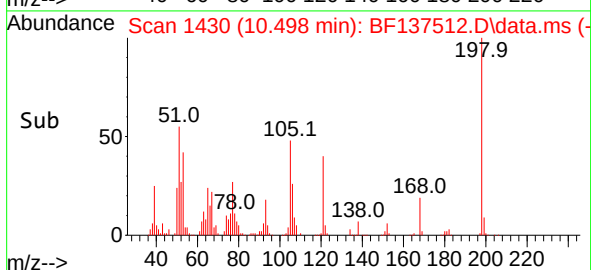
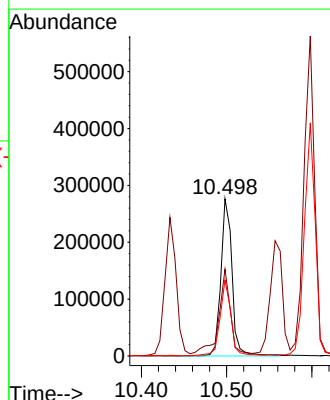
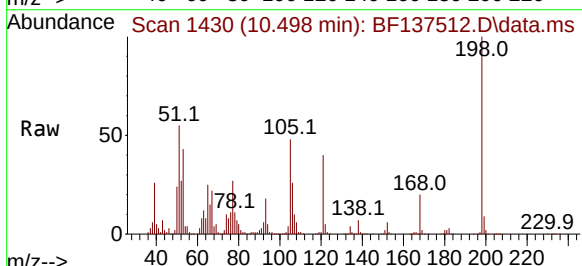
Tgt Ion:198 Resp: 250504

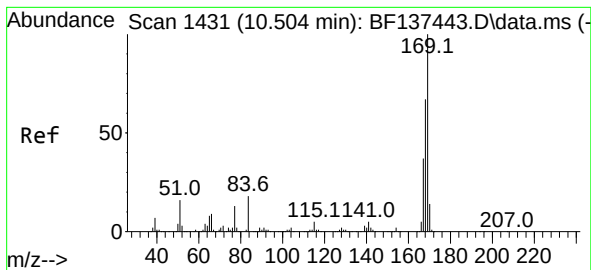
Ion Ratio Lower Upper

198 100

51 55.2 37.2 77.2

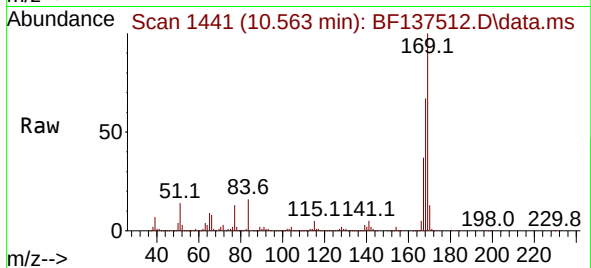
105 48.3 29.2 69.2





#66
n-Nitrosodiphenylamine
Concen: 41.487 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

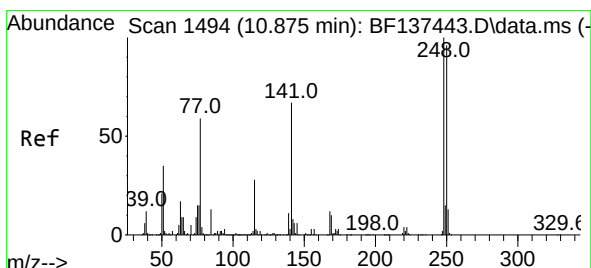
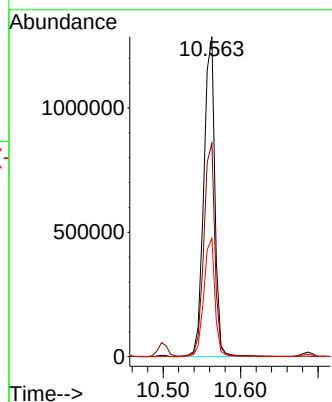
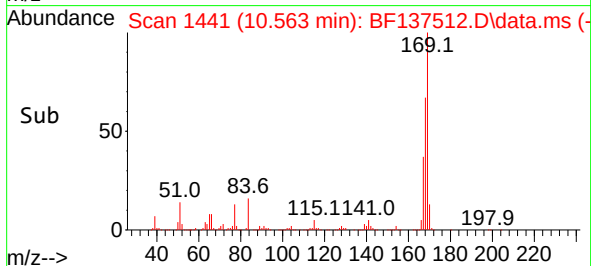
Instrument :
BNA_F
ClientSampleId :
PB159466BS



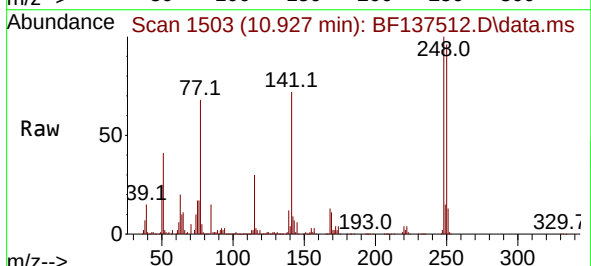
Tgt Ion:169 Resp: 1274350
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 37.0 29.6 44.4

Manual Integrations
APPROVED

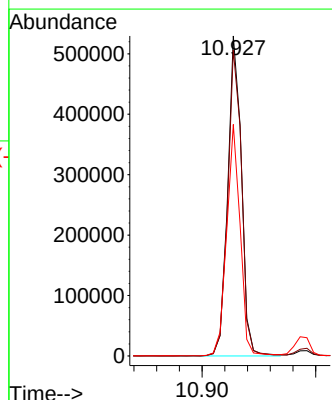
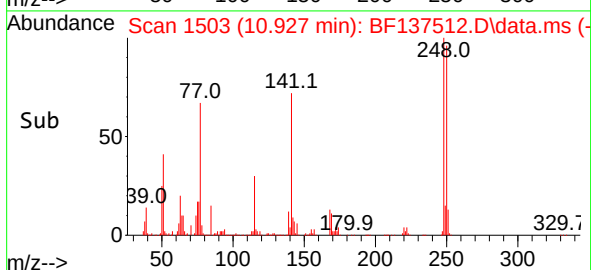
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

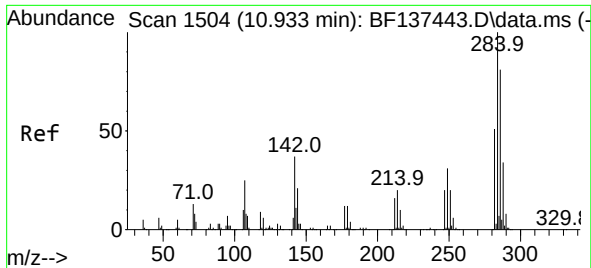


#67
4-Bromophenyl-phenylether
Concen: 42.940 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



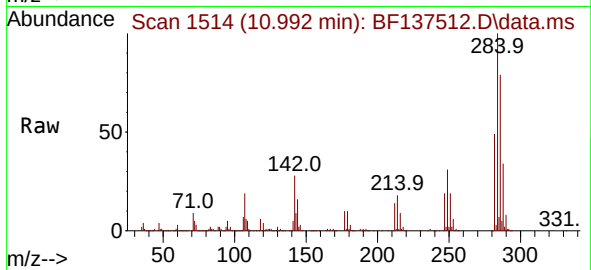
Tgt Ion:248 Resp: 446130
Ion Ratio Lower Upper
248 100
250 95.6 76.8 115.2
141 72.4 53.4 80.0





#68
Hexachlorobenzene
Concen: 46.026 ng
RT: 10.992 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

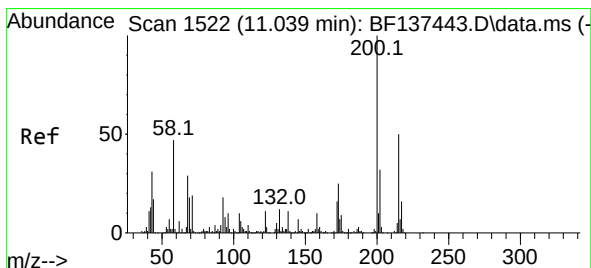
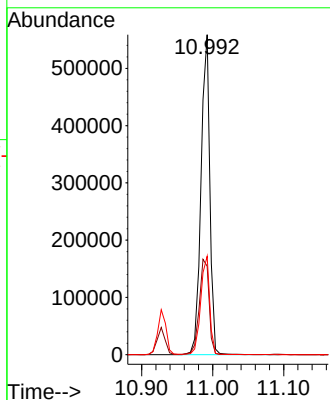
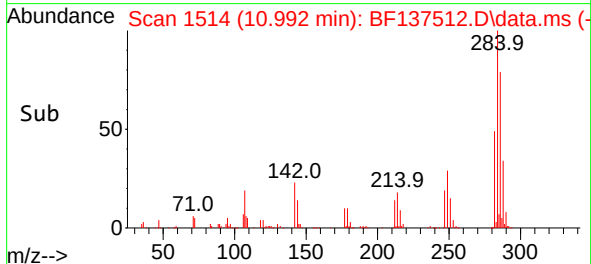
Instrument :
BNA_F
ClientSampleId :
PB159466BS



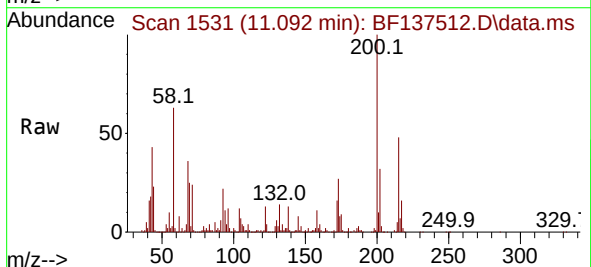
Tgt Ion:284 Resp: 482980
Ion Ratio Lower Upper
284 100
142 27.7 29.4 44.0
249 30.7 25.0 37.4

Manual Integrations
APPROVED

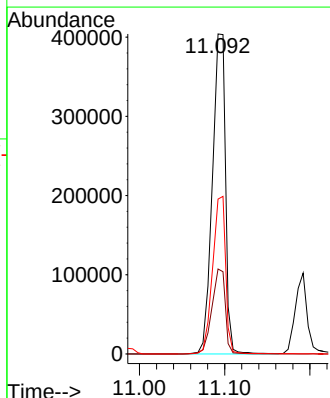
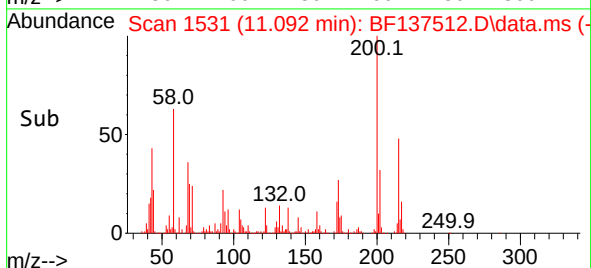
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

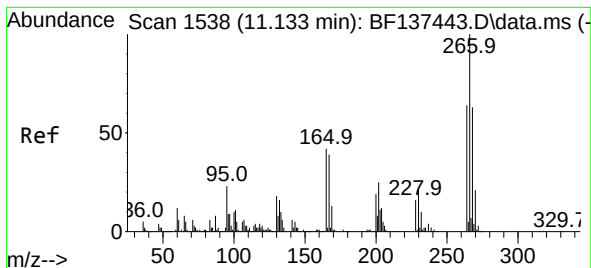


#69
Atrazine
Concen: 46.403 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



Tgt Ion:200 Resp: 433304
Ion Ratio Lower Upper
200 100
173 26.6 5.1 45.1
215 48.4 30.4 70.4





#70

Pentachlorophenol

Concen: 85.806 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

Tgt Ion:266 Resp: 544324

Ion Ratio Lower Upper

266 100

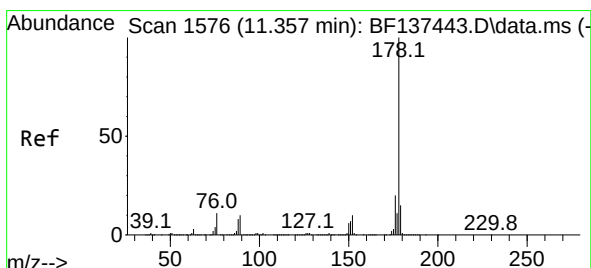
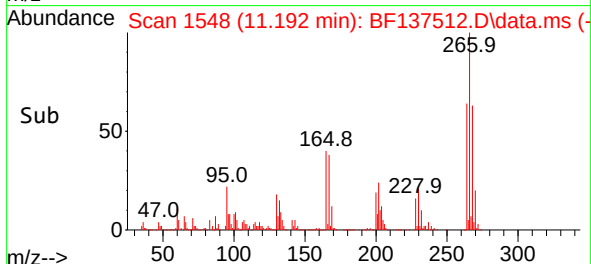
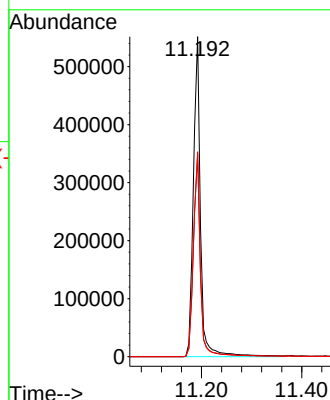
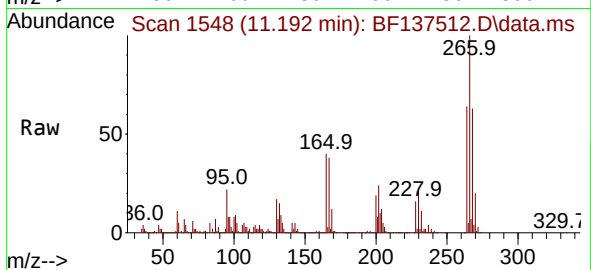
268 63.5 50.2 75.2

264 64.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#71

Phenanthrene

Concen: 41.098 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

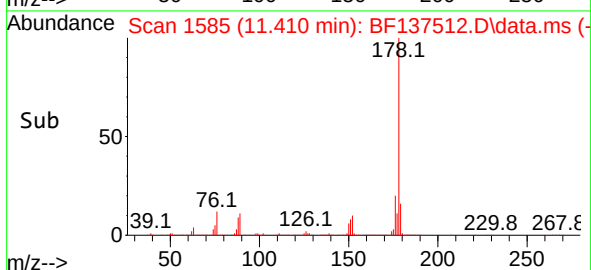
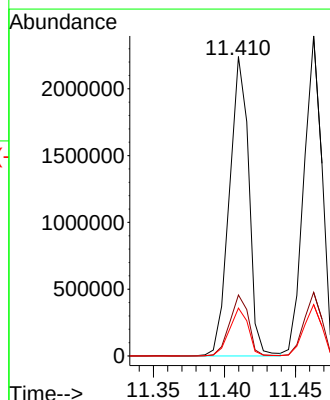
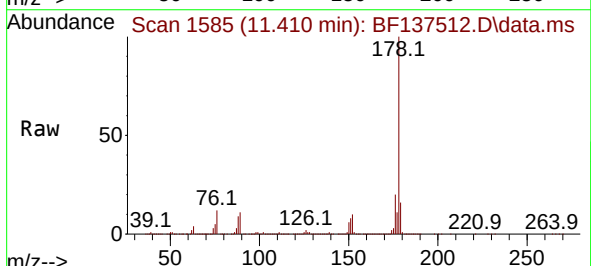
Tgt Ion:178 Resp: 2133541

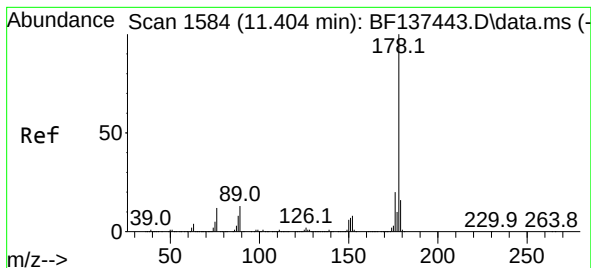
Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

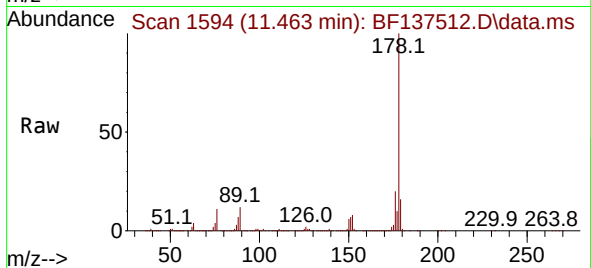
179 16.0 12.2 18.2





#72
 Anthracene
 Concen: 40.824 ng
 RT: 11.463 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137512.D
 Acq: 06 Mar 2024 11:53

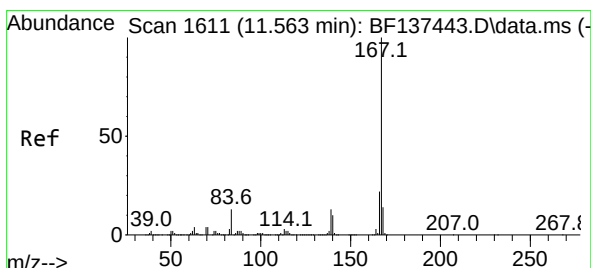
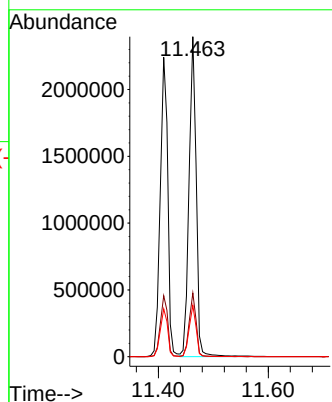
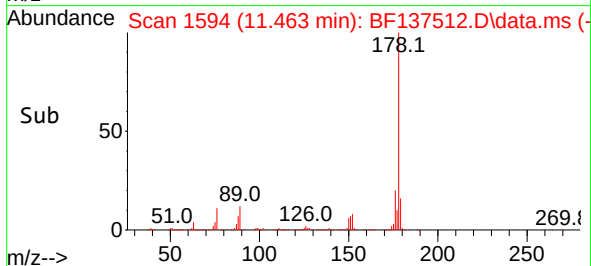
Instrument :
 BNA_F
 ClientSampleId :
 PB159466BS



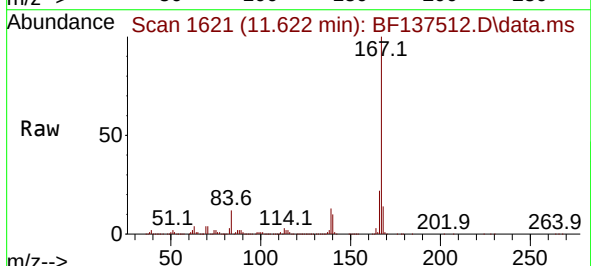
Tgt Ion:178 Resp: 217666
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 16.1 12.7 19.1

Manual Integrations
 APPROVED

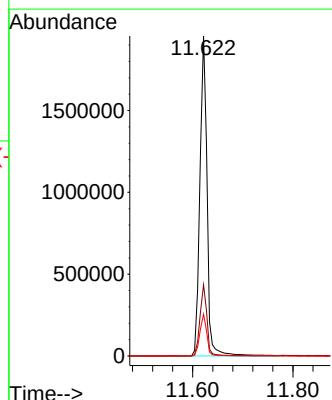
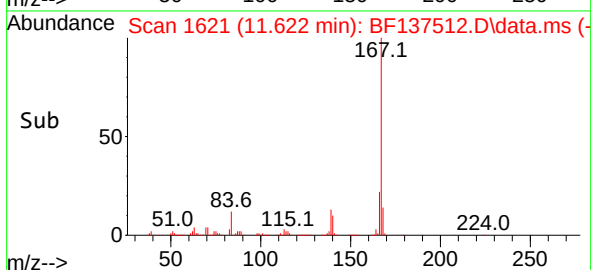
Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

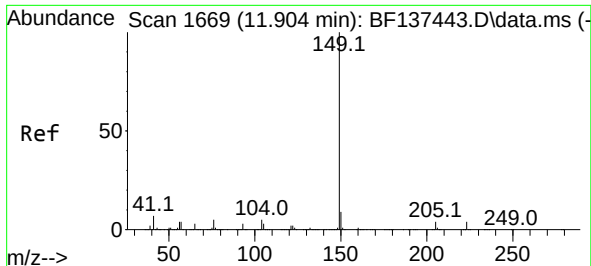


#73
 Carbazole
 Concen: 42.257 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF137512.D
 Acq: 06 Mar 2024 11:53



Tgt Ion:167 Resp: 1929875
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.0 10.5 15.7





#74
Di-n-butylphthalate
Concen: 43.756 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

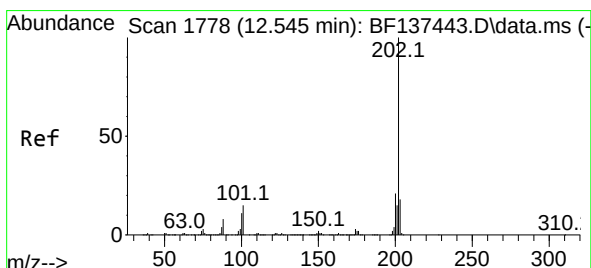
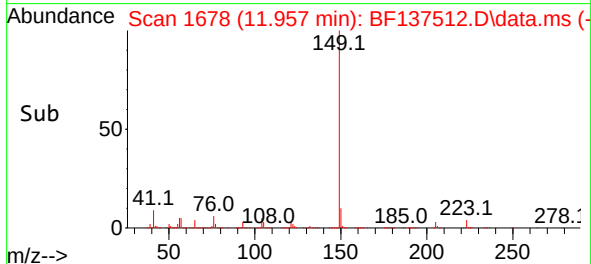
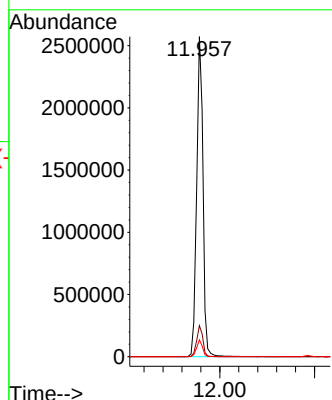
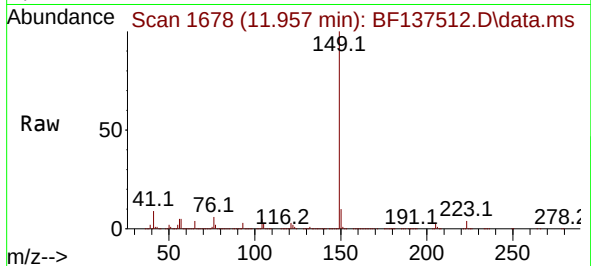
PB159466BS

Tgt Ion:149 Resp: 2377580
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 5.3 3.8 5.6

Manual Integrations

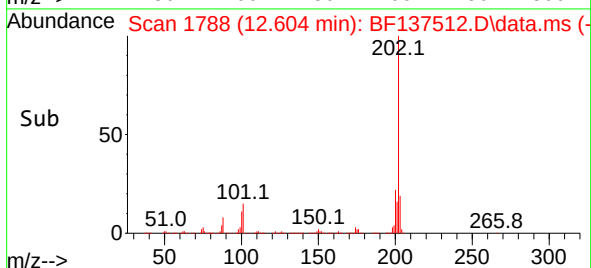
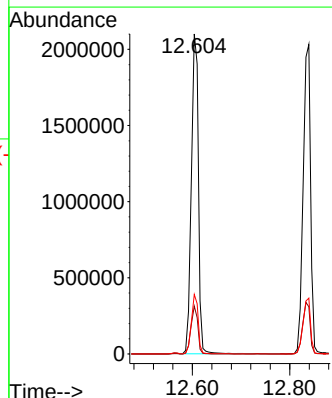
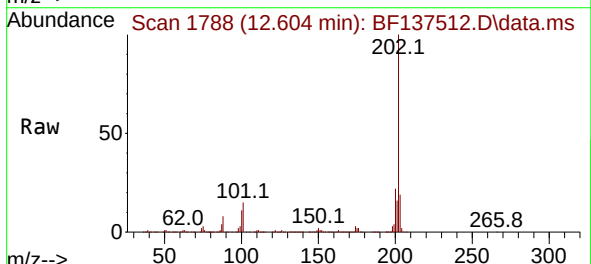
APPROVED

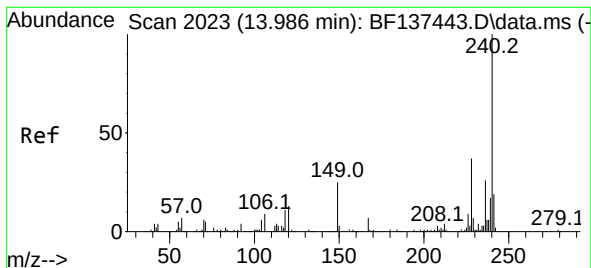
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#75
Fluoranthene
Concen: 41.310 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:202 Resp: 2096223
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.0
203 18.6 0.0 37.7





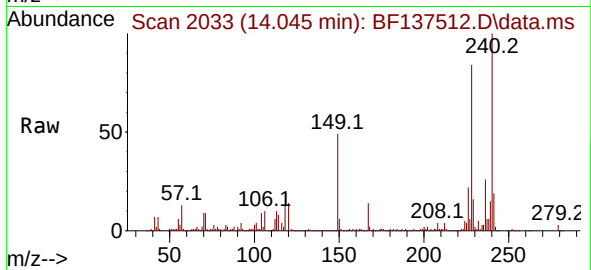
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

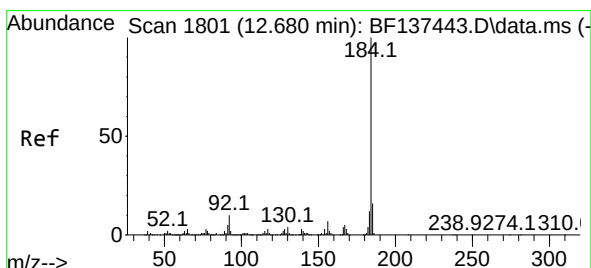
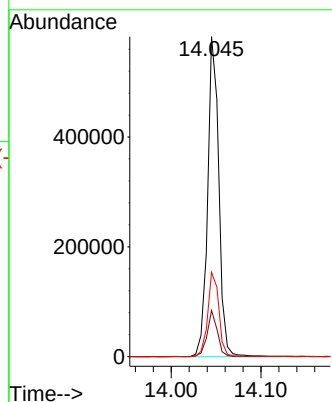
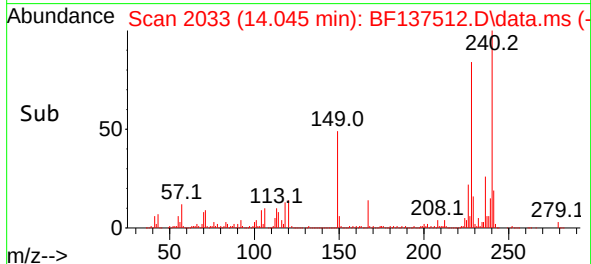


Tgt Ion:240 Resp: 504249
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 26.3 20.9 31.3

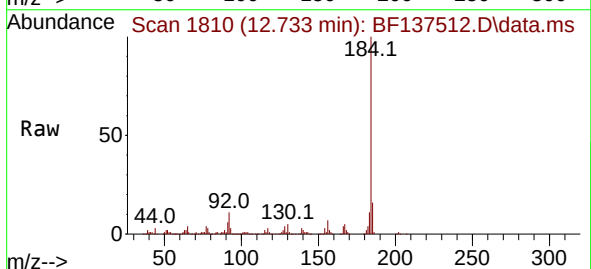
Manual Integrations

APPROVED

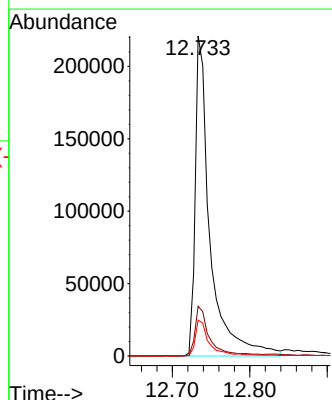
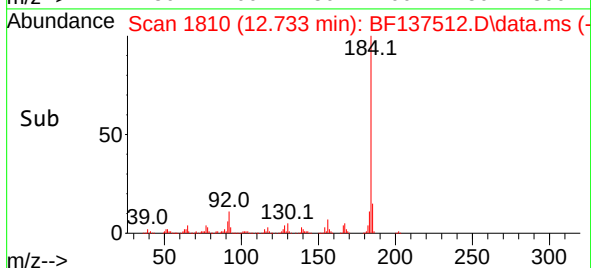
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

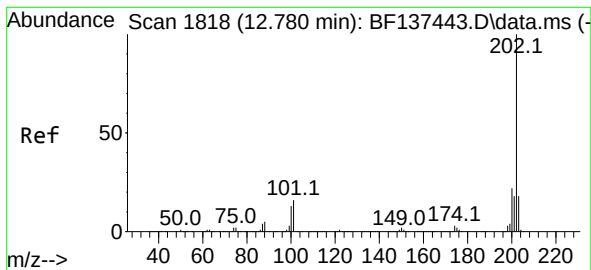


#77
Benzidine
Concen: 23.754 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



Tgt Ion:184 Resp: 293127
Ion Ratio Lower Upper
184 100
185 15.6 13.2 19.8
183 11.2 9.3 13.9





#78

Pyrene

Concen: 43.412 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

Tgt Ion:202 Resp: 2147964

Ion Ratio Lower Upper

202 100

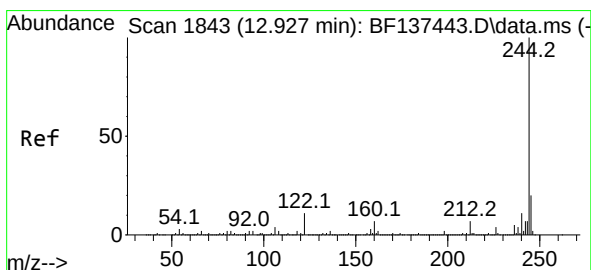
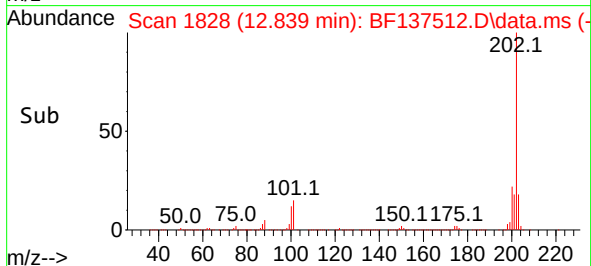
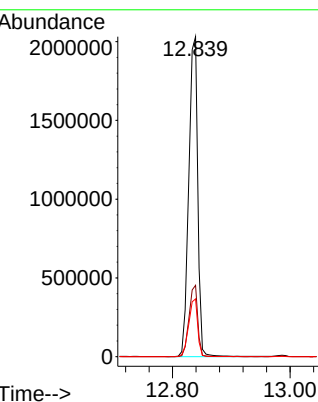
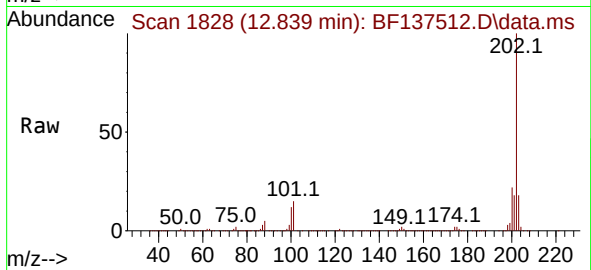
200 22.3 17.4 26.2

203 18.1 14.1 21.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#79

Terphenyl-d14

Concen: 84.842 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

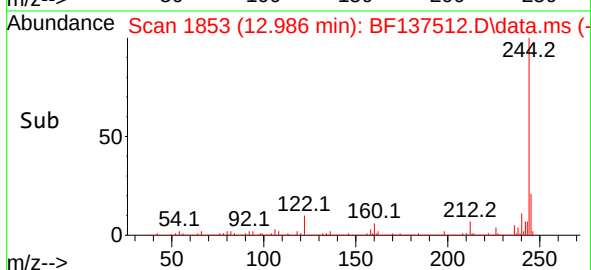
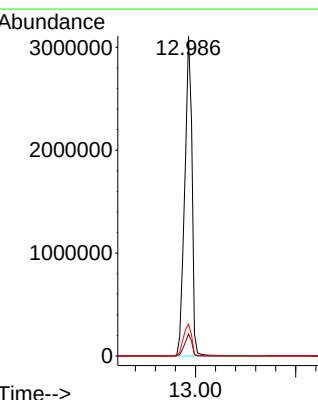
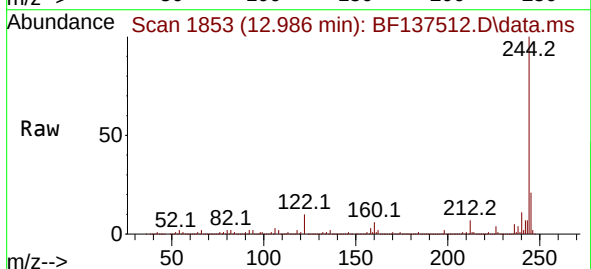
Tgt Ion:244 Resp: 3111138

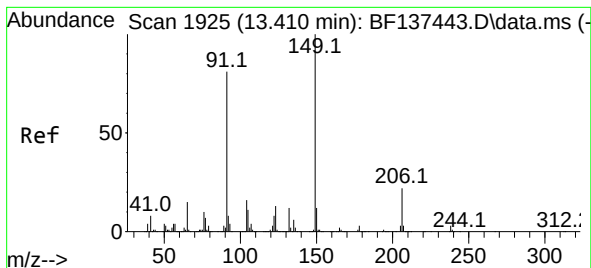
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

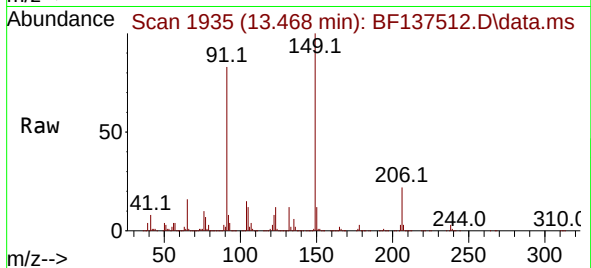
122 9.9 9.1 13.7





#80
Butylbenzylphthalate
Concen: 55.894 ng
RT: 13.468 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

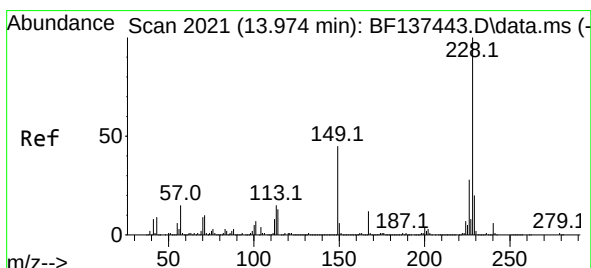
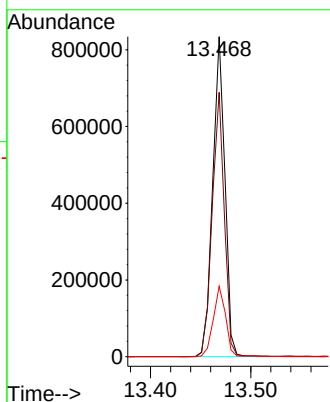
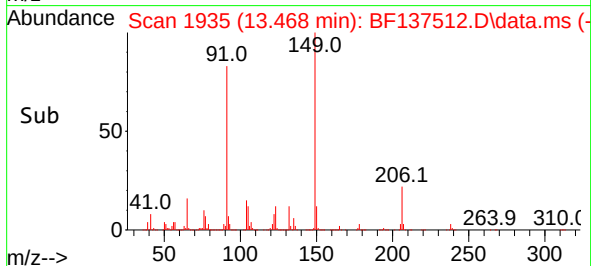
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion:149 Resp: 706280
Ion Ratio Lower Upper
149 100
91 82.6 64.7 97.1
206 22.0 17.5 26.3

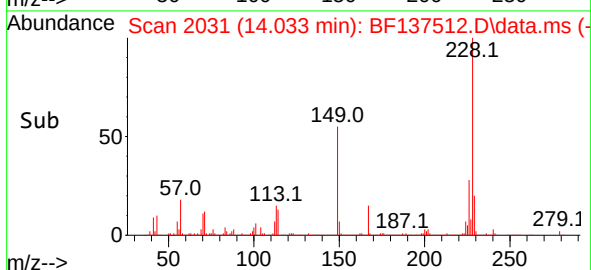
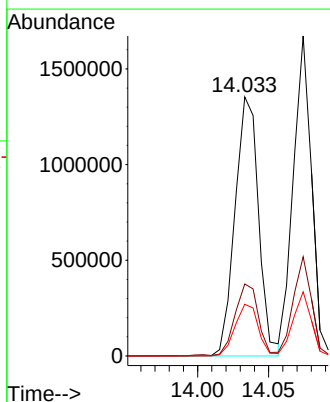
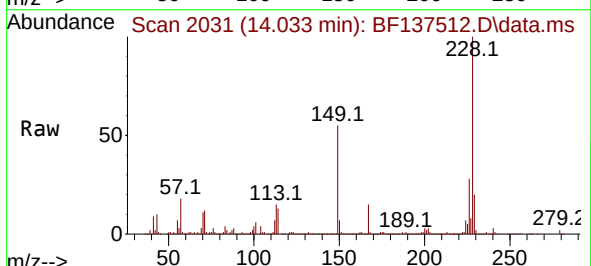
Manual Integrations
APPROVED

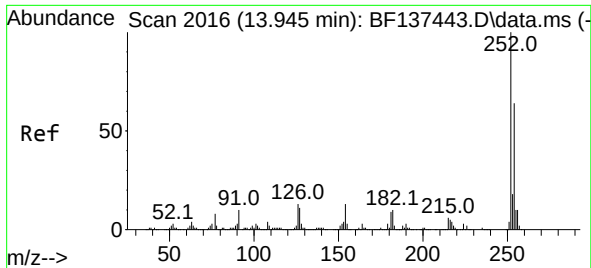
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#81
Benzo(a)anthracene
Concen: 44.208 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Tgt Ion:228 Resp: 1562401
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.0 16.3 24.5





#82
3,3'-Dichlorobenzidine
Concen: 34.394 ng
RT: 14.004 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

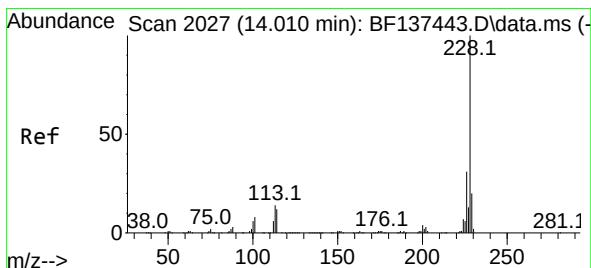
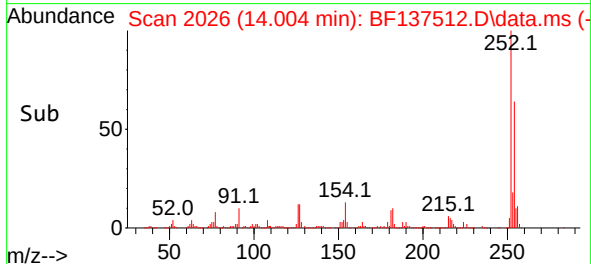
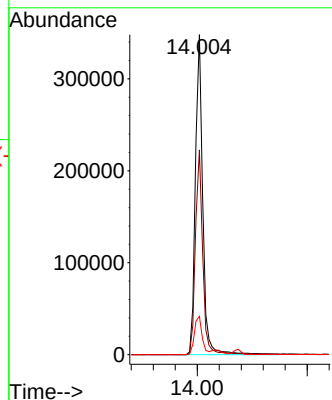
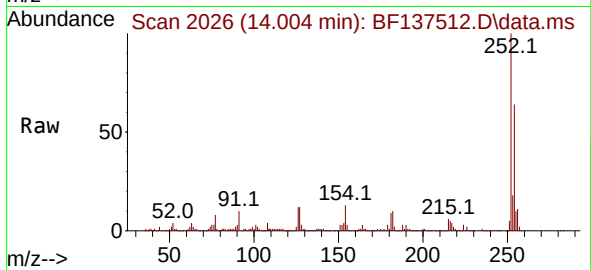
PB159466BS

Tgt Ion:252 Resp: 323700
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.2
126 12.0 10.4 15.6

Manual Integrations

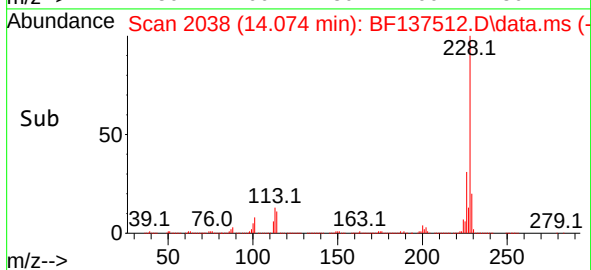
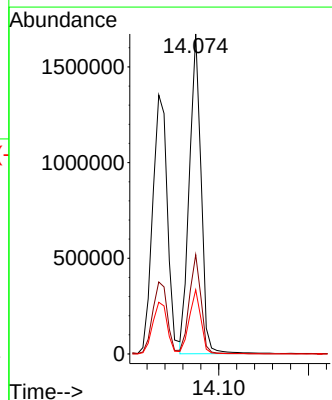
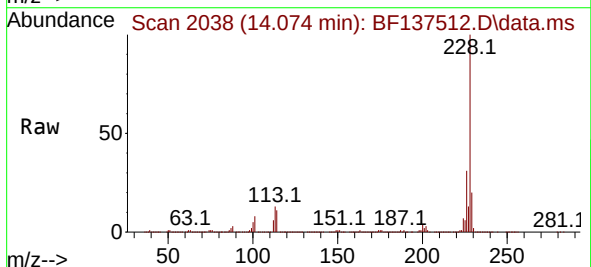
APPROVED

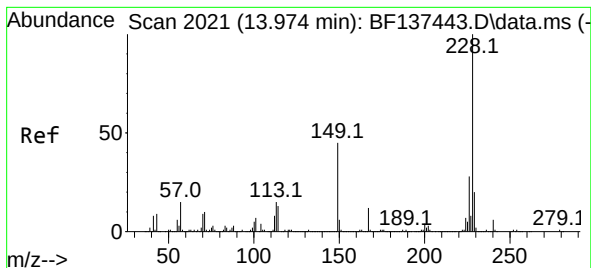
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#83
Chrysene
Concen: 42.319 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

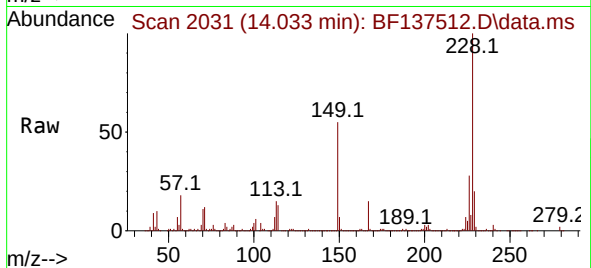
Tgt Ion:228 Resp: 1511643
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.220 ng
RT: 14.033 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

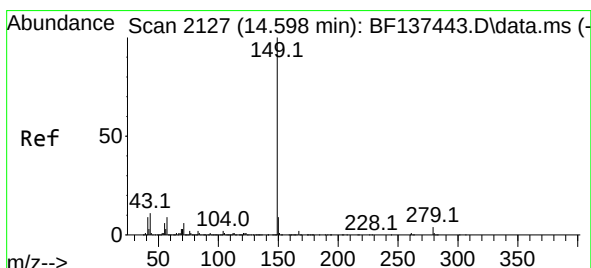
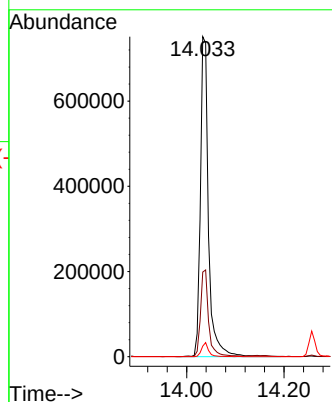
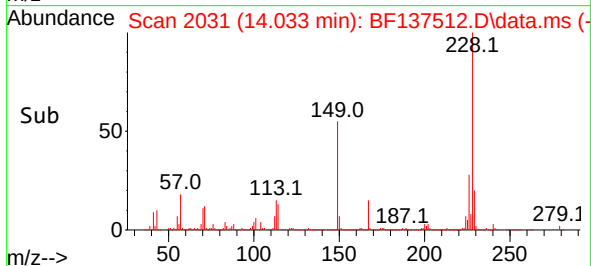
Instrument :
BNA_F
ClientSampleId :
PB159466BS



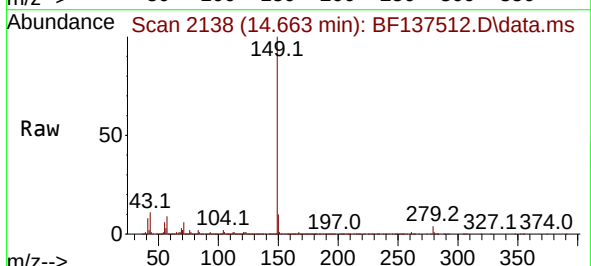
Tgt Ion:149 Resp: 87082
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 3.3 2.6 4.0

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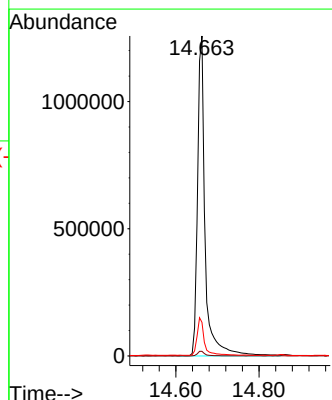
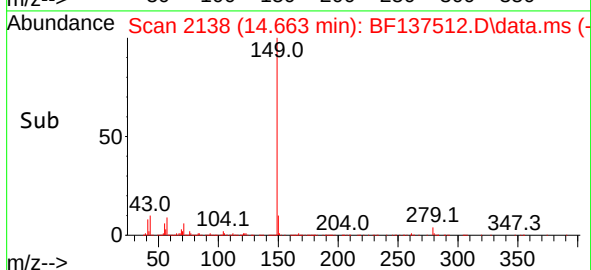
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

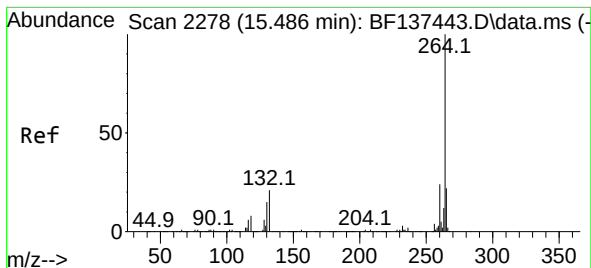


#85
Di-n-octyl phthalate
Concen: 51.030 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



Tgt Ion:149 Resp: 1591944
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB159466BS

Tgt Ion:264 Resp: 48444

Ion Ratio Lower Upper

264 100

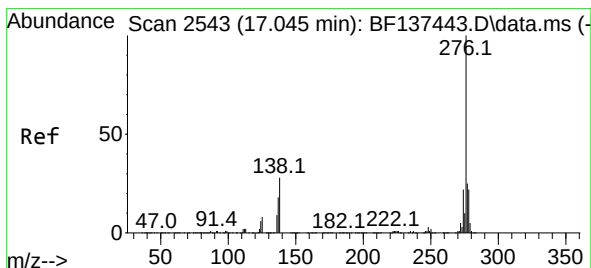
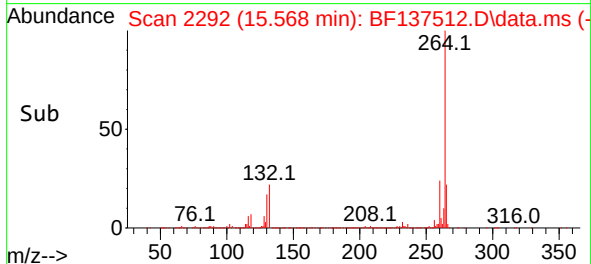
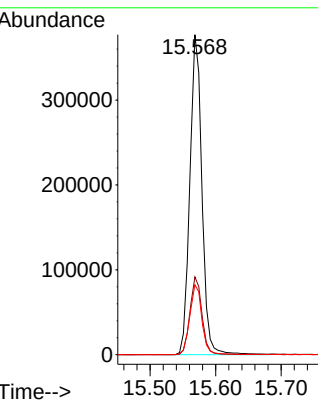
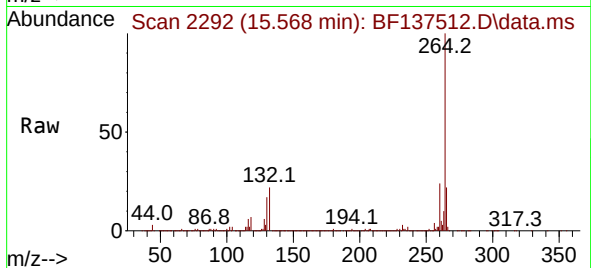
260 24.3 19.3 28.9

265 21.8 17.4 26.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.159 ng

RT: 17.156 min Scan# 2562

Delta R.T. 0.000 min

Lab File: BF137512.D

Acq: 06 Mar 2024 11:53

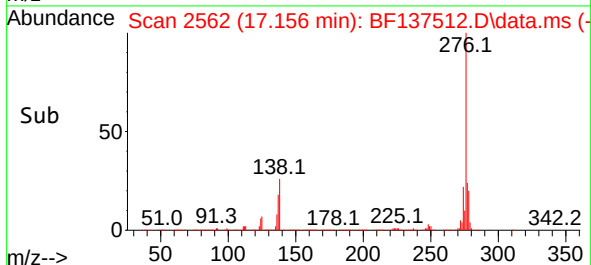
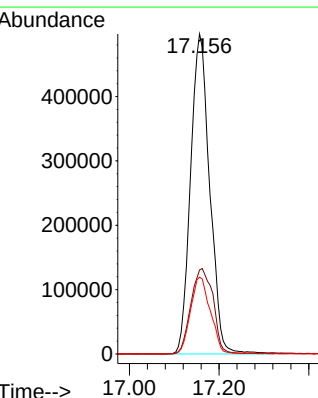
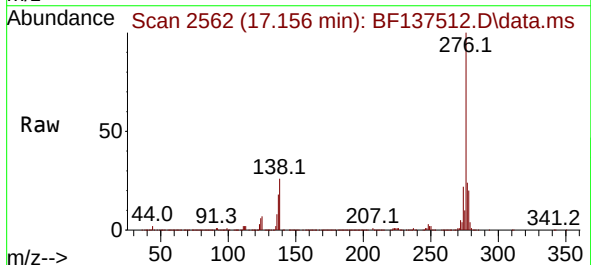
Tgt Ion:276 Resp: 1471531

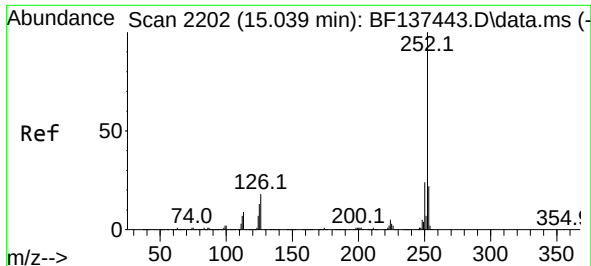
Ion Ratio Lower Upper

276 100

138 31.0 25.8 38.8

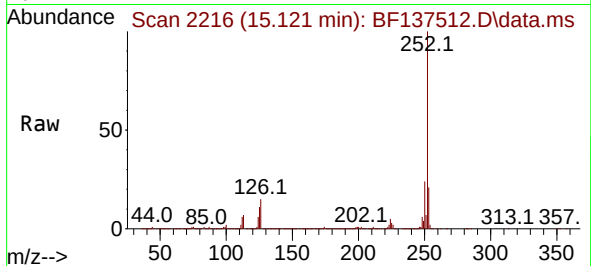
277 25.1 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 48.813 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

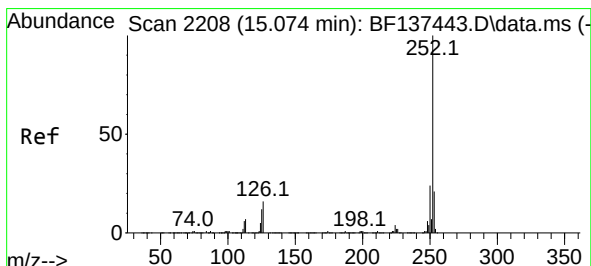
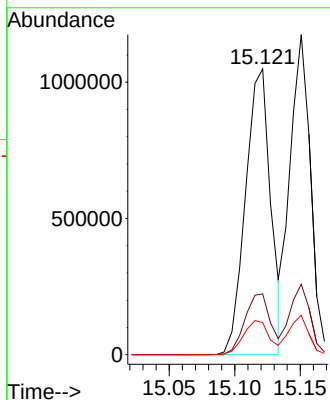
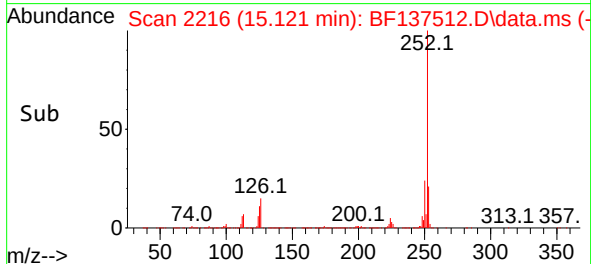
Instrument :
BNA_F
ClientSampleId :
PB159466BS



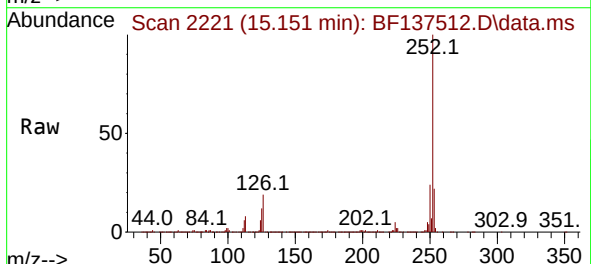
Tgt Ion:252 Resp: 139881
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 11.3 10.1 15.1

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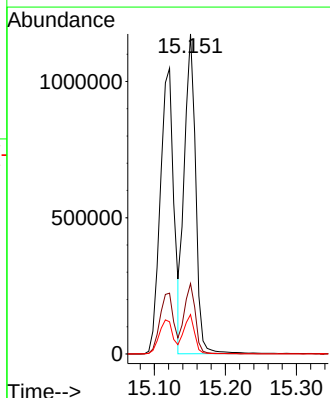
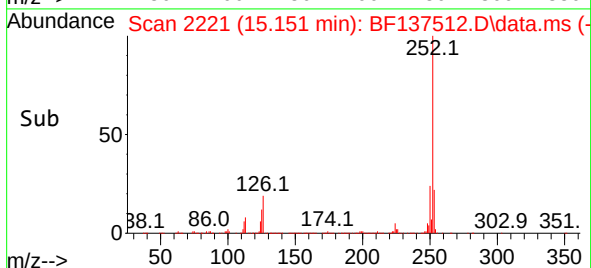
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

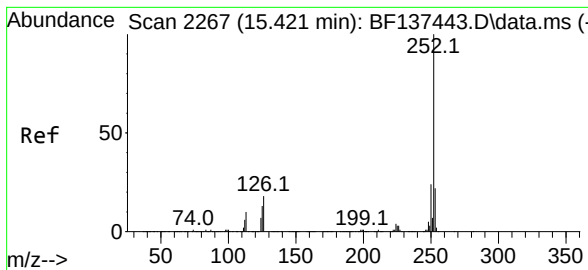


#89
Benzo(k)fluoranthene
Concen: 42.293 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53



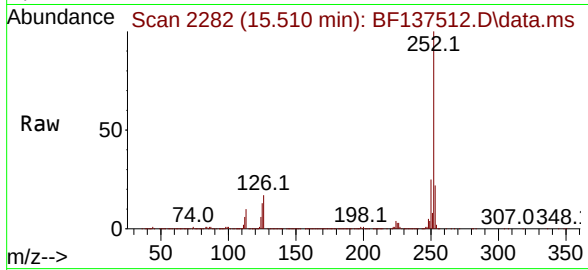
Tgt Ion:252 Resp: 1301787
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.3 9.6 14.4





#90
Benzo(a)pyrene
Concen: 43.223 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

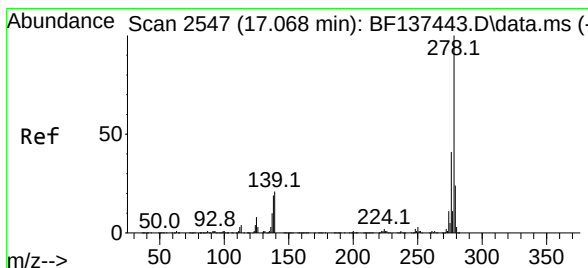
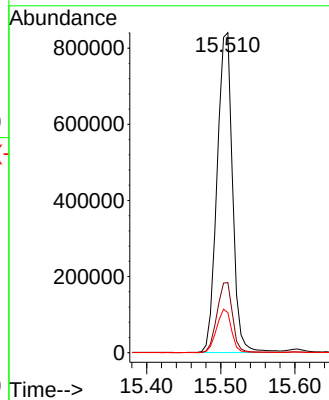
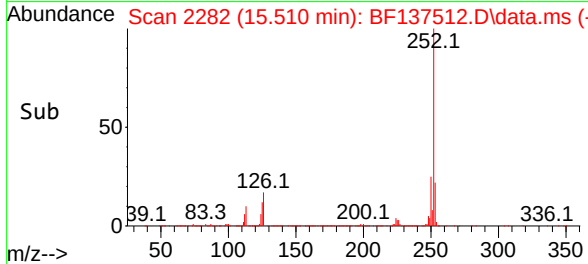
Instrument :
BNA_F
ClientSampleId :
PB159466BS



Tgt Ion:252 Resp: 122060
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.5 10.4 15.6

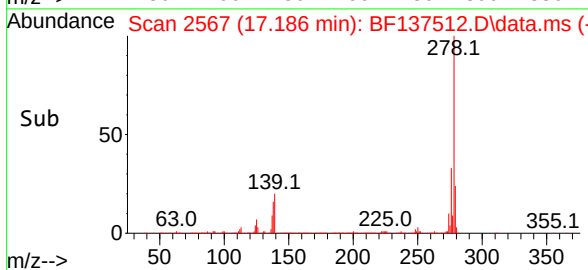
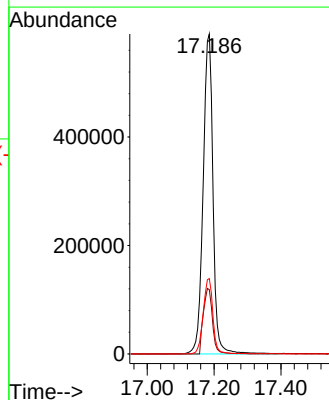
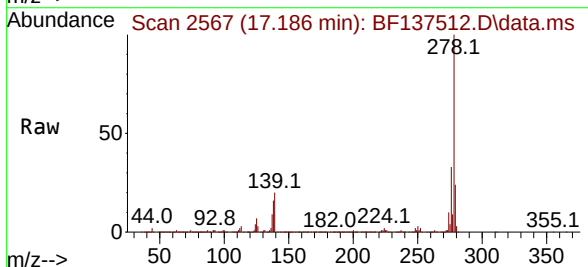
Manual Integrations
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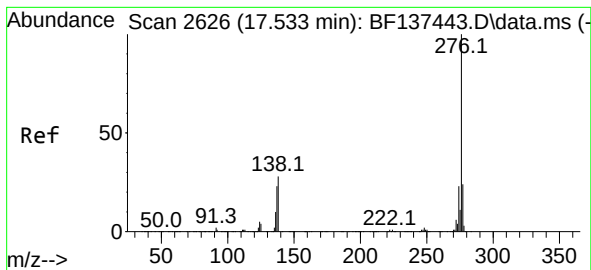
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#91
Dibenzo(a,h)anthracene
Concen: 46.913 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.006 min
Lab File: BF137512.D
Acq: 06 Mar 2024 11:53

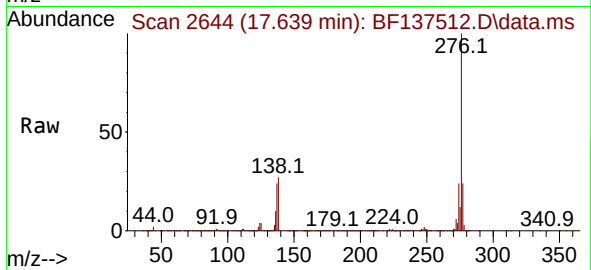
Tgt Ion:278 Resp: 1213237
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 23.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 45.065 ng
 RT: 17.639 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF137512.D
 Acq: 06 Mar 2024 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB159466BS



Tgt Ion:276 Resp: 1196879
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.0 28.4
 138 27.2 22.2 33.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

