

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137423.D
 Acq On : 28 Feb 2024 15:23
 Operator : CG\JU
 Sample : PB159308BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159308BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 15:48:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	257657	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1038762	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	548450	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	952816	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	514852	20.000	ng	0.00
86) Perylene-d12	15.457	264	450477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2121007	127.021	ng	0.01
7) Phenol-d6	6.434	99	2983479	121.461	ng	0.00
23) Nitrobenzene-d5	7.351	82	1881004	90.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	628162	131.527	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2854880	81.039	ng	-0.01
79) Terphenyl-d14	12.916	244	3138442	85.261	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	351569	38.434	ng	97
3) Pyridine	3.422	79	823086	35.769	ng	98
4) n-Nitrosodimethylamine	3.399	42	422343	48.002	ng	96
6) Aniline	6.451	93	689302	23.663	ng	# 49
8) 2-Chlorophenol	6.569	128	863891	48.236	ng	98
9) Benzaldehyde	6.334	77	137143	11.597	ng	97
10) Phenol	6.445	94	1144021	42.556	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	875613	44.825	ng	98
12) 1,3-Dichlorobenzene	6.722	146	868428	45.153	ng	99
13) 1,4-Dichlorobenzene	6.798	146	876547	44.266	ng	98
14) 1,2-Dichlorobenzene	6.951	146	834679	45.570	ng	98
15) Benzyl Alcohol	6.934	79	796201	54.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1448213	44.603	ng	96
17) 2-Methylphenol	7.045	107	709400	41.863	ng	96
18) Hexachloroethane	7.292	117	303523	44.482	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	650432	42.971	ng	98
20) 3+4-Methylphenols	7.198	107	810595	41.969	ng	91
22) Acetophenone	7.192	105	1145119	45.461	ng	# 96
24) Nitrobenzene	7.369	77	989641	46.809	ng	96
25) Isophorone	7.610	82	1860086	43.230	ng	98
26) 2-Nitrophenol	7.681	139	429598	52.864	ng	94
27) 2,4-Dimethylphenol	7.728	122	635642	40.168	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	1109744	44.746	ng	99
29) 2,4-Dichlorophenol	7.928	162	702877	47.391	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	719005	45.165	ng	98
31) Naphthalene	8.087	128	2369867	42.512	ng	99
32) Benzoic acid	7.875	122	475284	48.927	ng	99
33) 4-Chloroaniline	8.139	127	243156	11.469	ng	97
34) Hexachlorobutadiene	8.204	225	404984	42.823	ng	99
35) Caprolactam	8.522	113	230556m	50.267	ng	
36) 4-Chloro-3-methylphenol	8.628	107	767351	45.637	ng	99
37) 2-Methylnaphthalene	8.781	142	1445121	40.231	ng	98
38) 1-Methylnaphthalene	8.881	142	1380587	40.651	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	684838	45.336	ng	98
41) Hexachlorocyclopentadiene	8.934	237	559467	81.688	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	472183	48.210	ng	100

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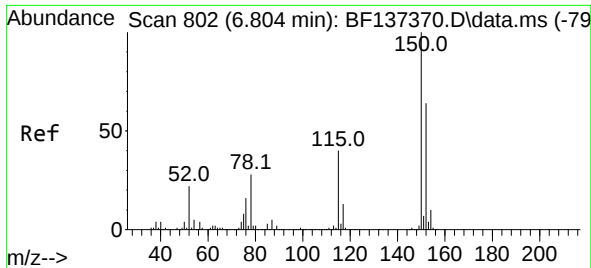
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	492222	43.805	ng	100
46) 1,1'-Biphenyl	9.245	154	1778604	44.526	ng	99
47) 2-Chloronaphthalene	9.269	162	1396214	46.283	ng	99
48) 2-Nitroaniline	9.375	65	493935	53.388	ng	94
49) Acenaphthylene	9.686	152	2220744	45.310	ng	99
50) Dimethylphthalate	9.557	163	1655679	43.688	ng	99
51) 2,6-Dinitrotoluene	9.616	165	361099	51.217	ng	# 86
52) Acenaphthene	9.857	154	1244309	42.530	ng	100
53) 3-Nitroaniline	9.786	138	219894	28.313	ng	99
54) 2,4-Dinitrophenol	9.898	184	371629	104.025	ng	94
55) Dibenzofuran	10.033	168	1874917	41.463	ng	98
56) 4-Nitrophenol	9.963	139	567536	94.126	ng	95
57) 2,4-Dinitrotoluene	10.022	165	462367	51.786	ng	96
58) Fluorene	10.375	166	1430914	41.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	417439m	44.862	ng	
60) Diethylphthalate	10.257	149	1528150	43.189	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	679270	39.987	ng	98
62) 4-Nitroaniline	10.410	138	381932m	51.365	ng	
63) Azobenzene	10.533	77	1816687	42.914	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	249924	53.112	ng	90
66) n-Nitrosodiphenylamine	10.492	169	1311246	42.374	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	433778	42.348	ng	96
68) Hexachlorobenzene	10.922	284	470892	44.440	ng	95
69) Atrazine	11.028	200	383662	45.942	ng	98
70) Pentachlorophenol	11.122	266	554786	82.637	ng	97
71) Phenanthrene	11.345	178	2181431	41.497	ng	100
72) Anthracene	11.398	178	2247795	41.492	ng	99
73) Carbazole	11.557	167	2022915	43.704	ng	99
74) Di-n-butylphthalate	11.892	149	2298908	49.637	ng	99
75) Fluoranthene	12.539	202	2196189	42.800	ng	99
77) Benzidine	12.669	184	334346	39.473	ng	98
78) Pyrene	12.769	202	2245347	46.122	ng	99
80) Butylbenzylphthalate	13.398	149	594679	70.556	ng	95
81) Benzo(a)anthracene	13.963	228	1643510	46.003	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	346727	42.288	ng	99
83) Chrysene	14.004	228	1588623	43.529	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	728833	69.122	ng	97
85) Di-n-octyl phthalate	14.586	149	1171585	62.469	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.968	276	1431190	45.965	ng	99
88) Benzo(b)fluoranthene	15.027	252	1310985	47.440	ng	99
89) Benzo(k)fluoranthene	15.057	252	1286546	44.419	ng	98
90) Benzo(a)pyrene	15.398	252	1192678	45.501	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	1151123	45.136	ng	98
92) Benzo(g,h,i)perylene	17.427	276	1158910	44.040	ng	99

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

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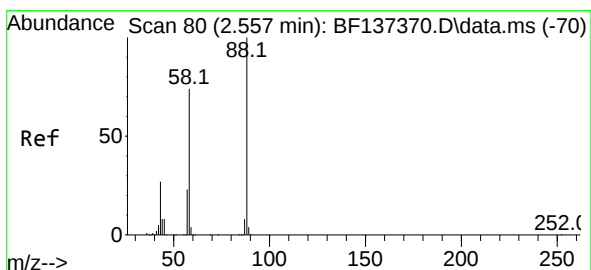
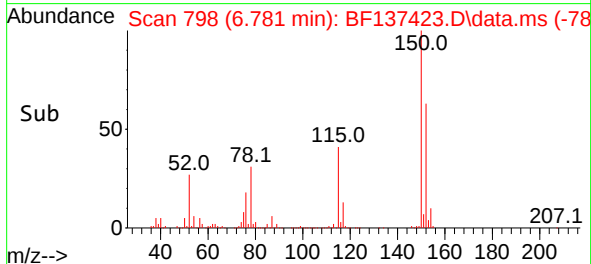
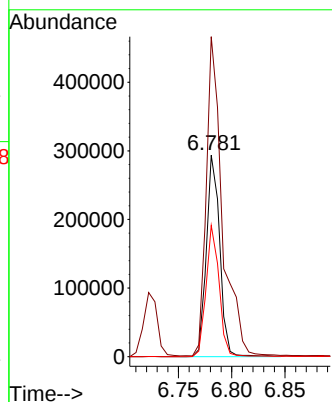
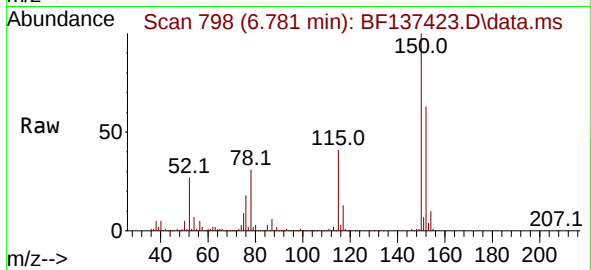
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :
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ClientSampleId :
PB159308BS

Tgt Ion:152 Resp: 25765
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 65.1 49.8 74.8

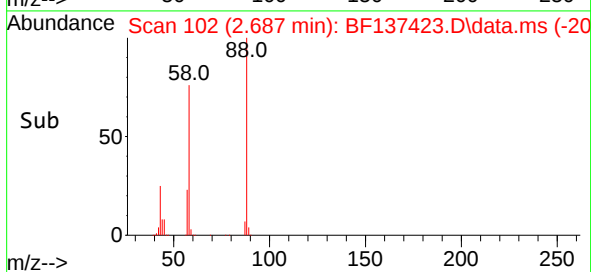
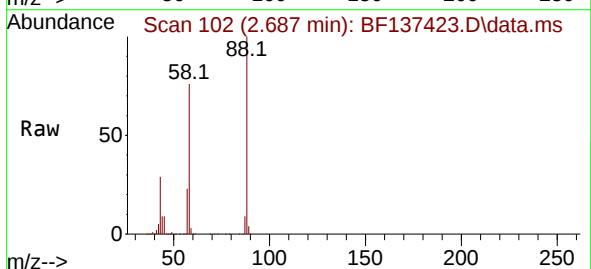
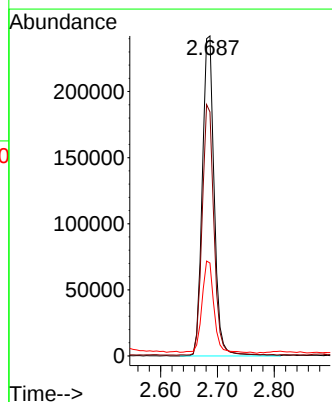
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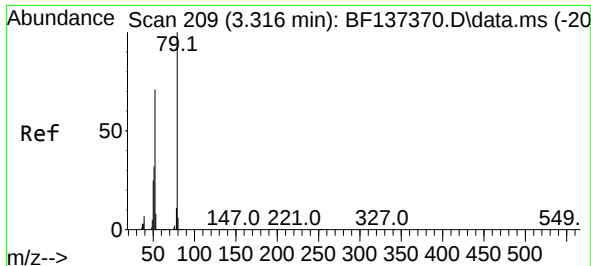
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#2
1,4-Dioxane
Concen: 38.434 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.129 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

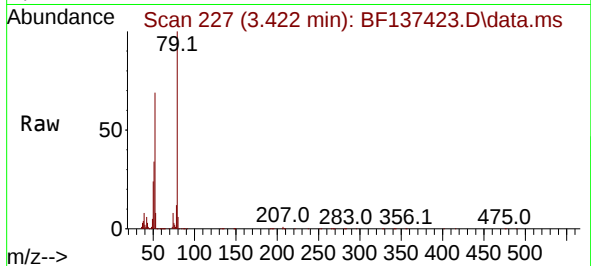
Tgt Ion: 88 Resp: 351569
Ion Ratio Lower Upper
88 100
58 77.7 60.6 91.0
43 29.4 22.0 33.0





#3
Pyridine
Concen: 35.769 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

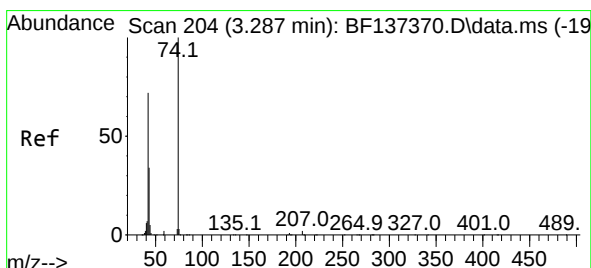
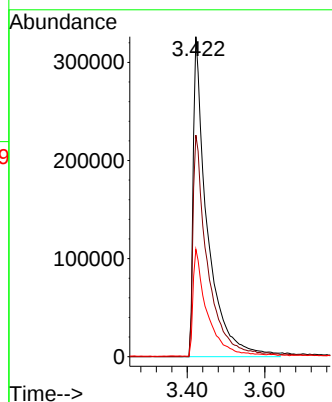
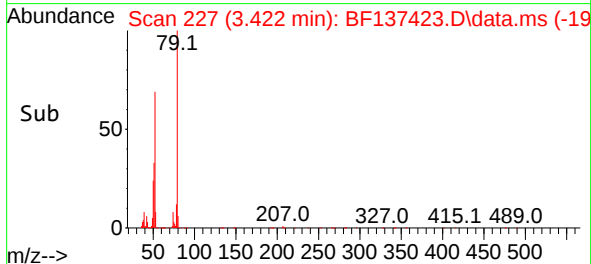
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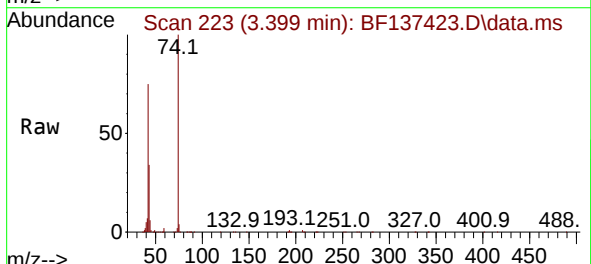
Tgt Ion: 79 Resp: 82308
Ion Ratio Lower Upper
79 100
52 69.3 56.5 84.7
51 33.5 26.2 39.2

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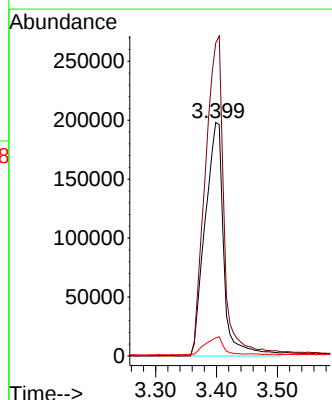
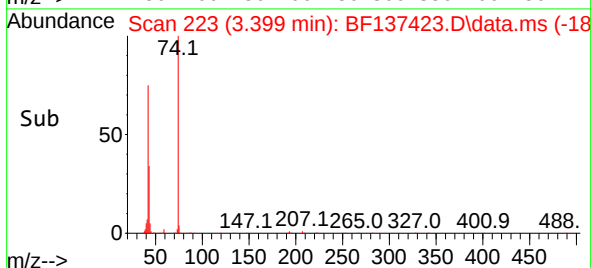
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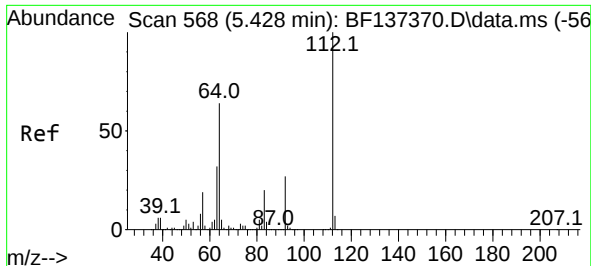


#4
n-Nitrosodimethylamine
Concen: 48.002 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.112 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



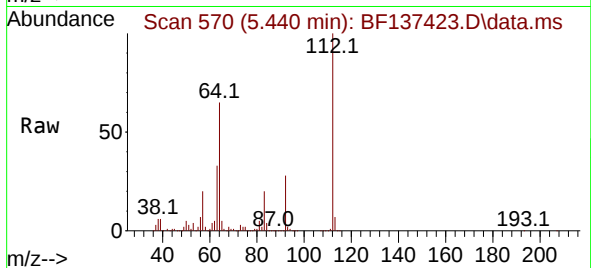
Tgt Ion: 42 Resp: 422343
Ion Ratio Lower Upper
42 100
74 134.1 110.8 166.2
44 7.7 6.0 9.0





#5
2-Fluorophenol
Concen: 127.021 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

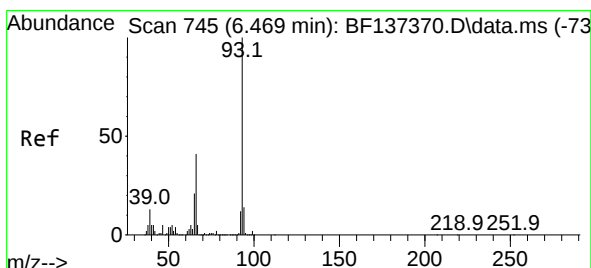
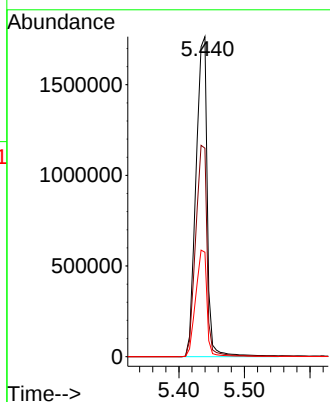
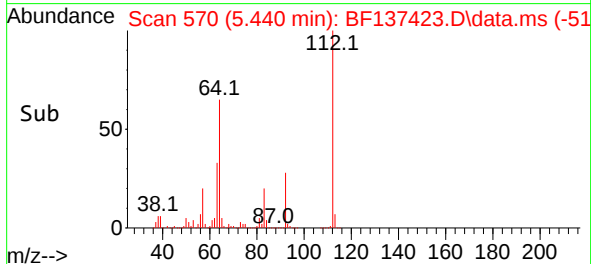
Instrument :
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Tgt Ion: 112 Resp: 212100
Ion Ratio Lower Upper
112 100
64 65.1 51.0 76.6
63 32.7 25.7 38.5

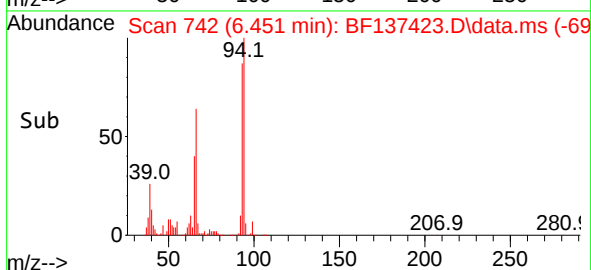
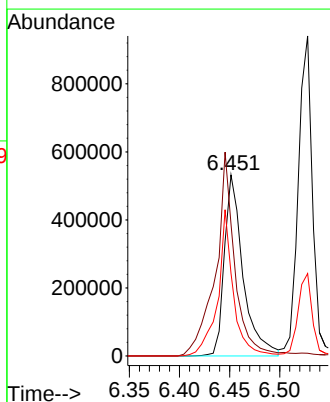
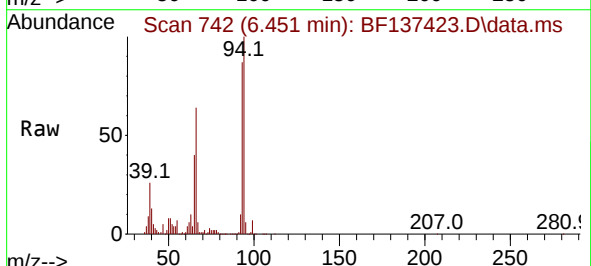
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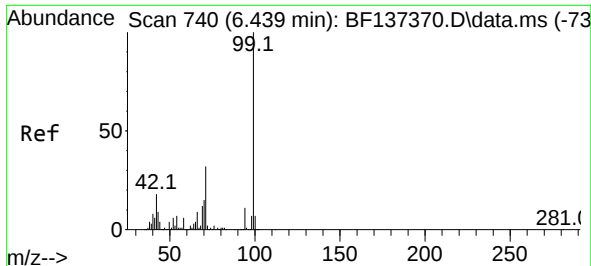
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 23.663 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

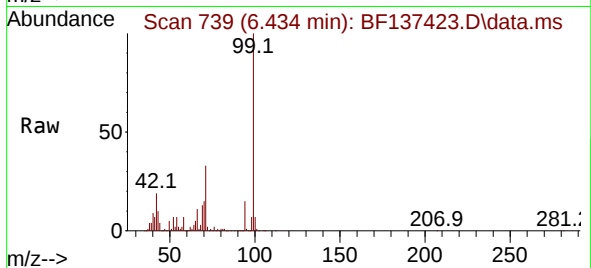
Tgt Ion: 93 Resp: 689302
Ion Ratio Lower Upper
93 100
66 72.9 33.0 49.4#
65 45.7 17.0 25.6#





#7
Phenol-d6
Concen: 121.461 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

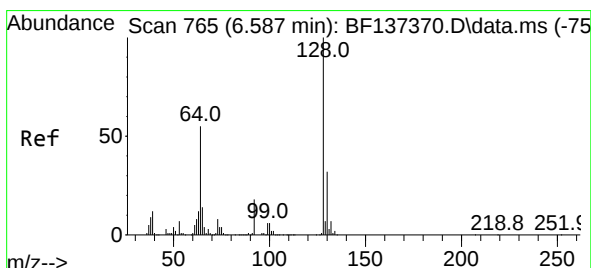
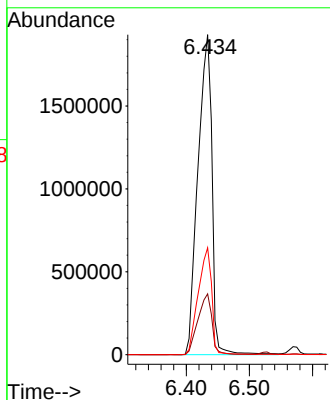
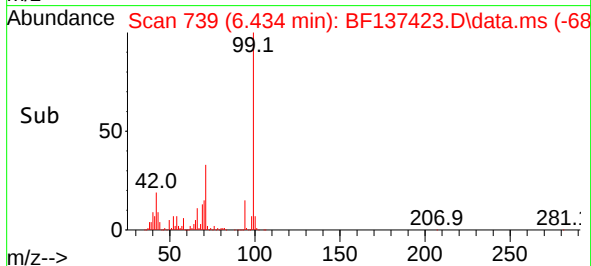
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Tgt Ion: 99 Resp: 2983479
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 33.4 25.2 37.8

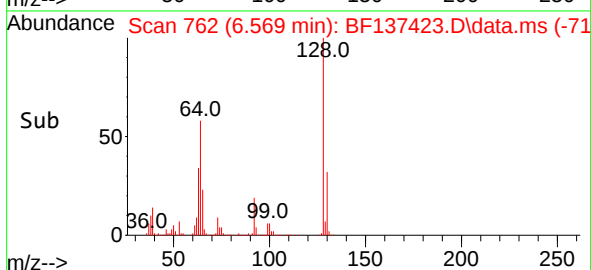
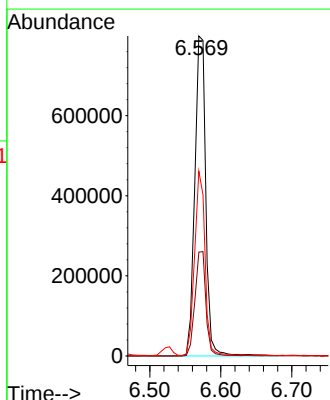
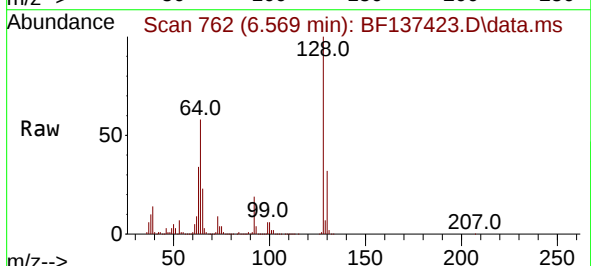
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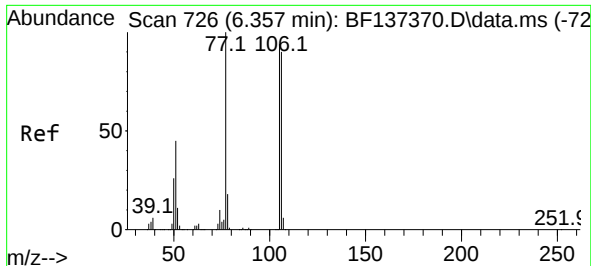
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 48.236 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

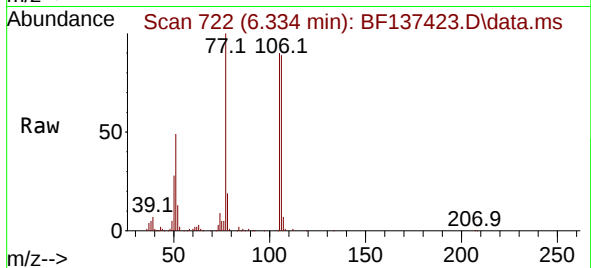
Tgt Ion:128 Resp: 863891
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 57.8 35.3 75.3





#9
Benzaldehyde
Concen: 11.597 ng
RT: 6.334 min Scan# 714
Delta R.T. -0.023 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

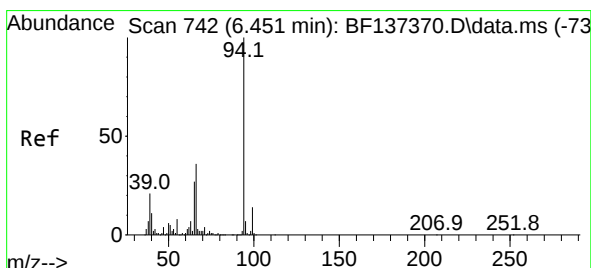
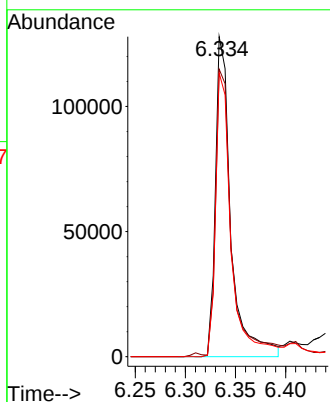
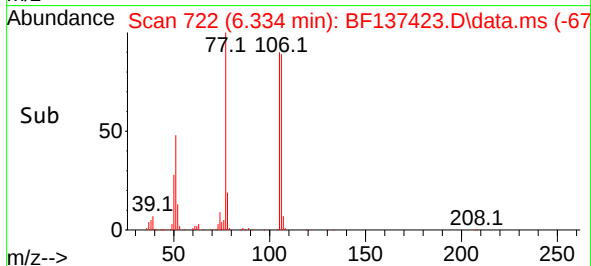
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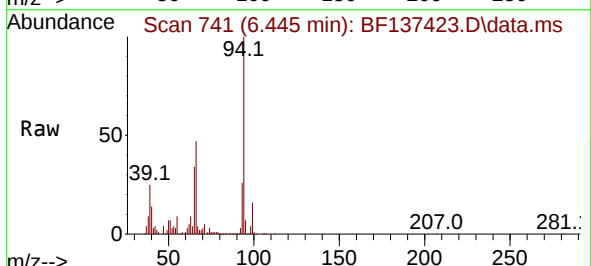
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Ion Ratio Lower Upper
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106 88.6 70.2 110.2

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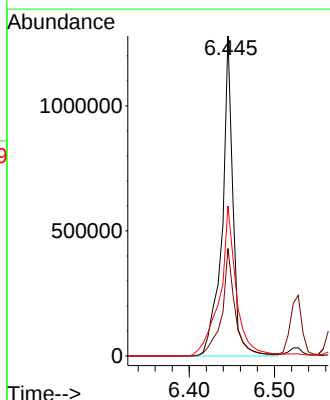
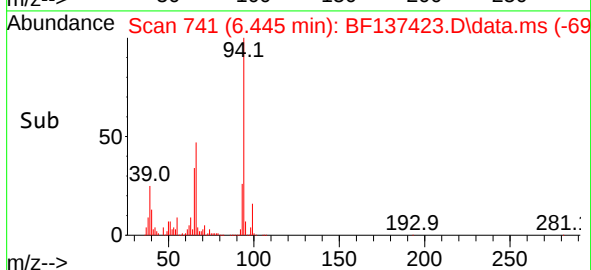
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

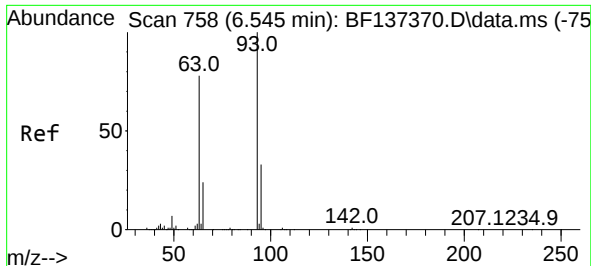


#10
Phenol
Concen: 42.556 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



Tgt Ion: 94 Resp: 1144021
Ion Ratio Lower Upper
94 100
65 33.6 7.4 47.4
66 46.8 15.6 55.6





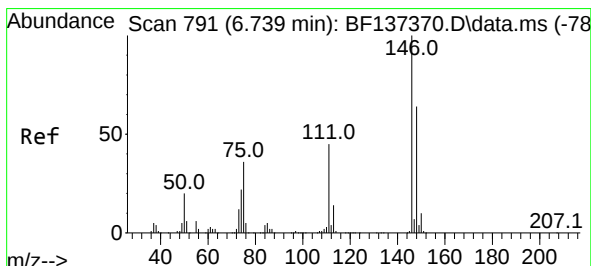
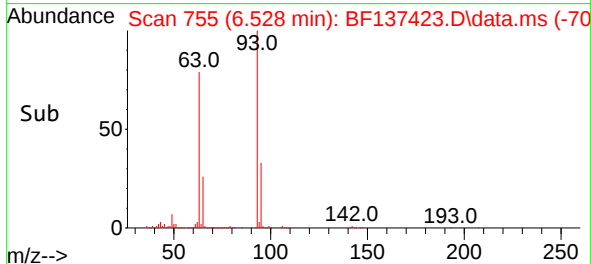
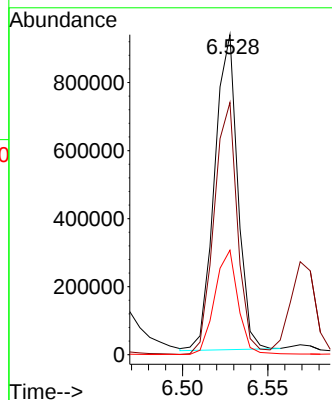
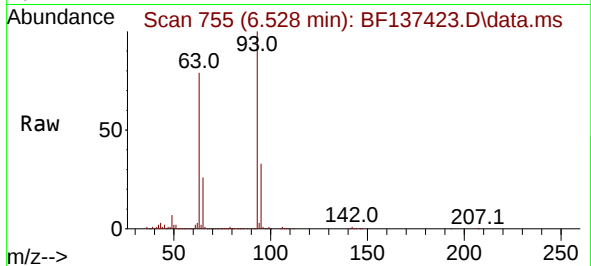
#11
bis(2-Chloroethyl)ether
Concen: 44.825 ng
RT: 6.528 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :
BNA_F
ClientSampleId :
PB159308BS

Tgt Ion: 93 Resp: 87561
Ion Ratio Lower Upper
93 100
63 78.8 56.1 96.1
95 32.6 12.7 52.7

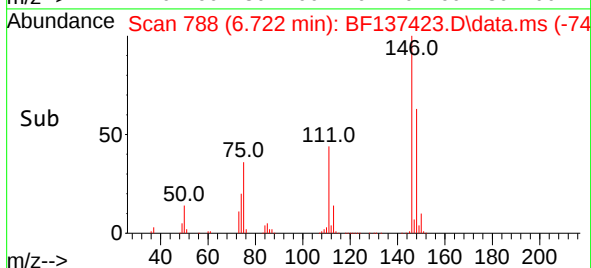
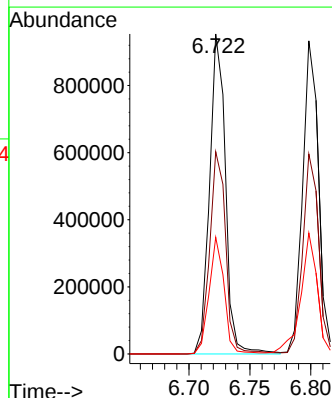
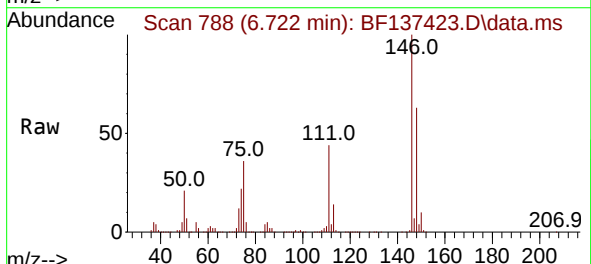
Manual Integrations
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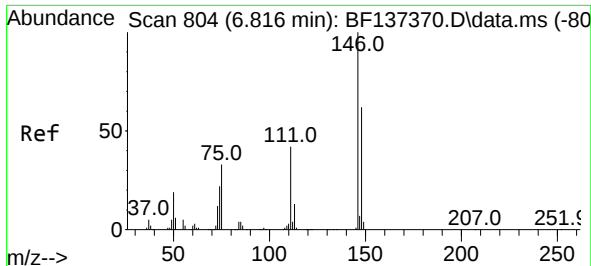
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#12
1,3-Dichlorobenzene
Concen: 45.153 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:146 Resp: 868428
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 36.4 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 44.266 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

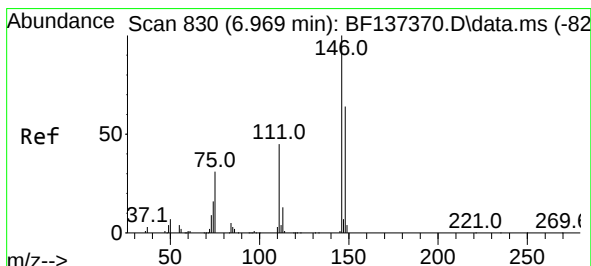
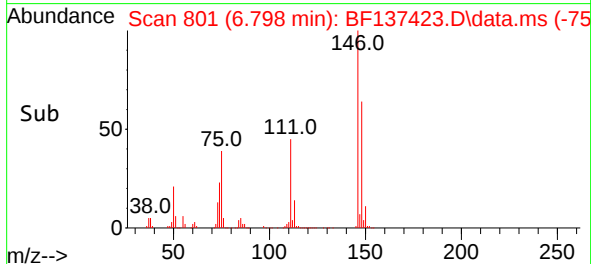
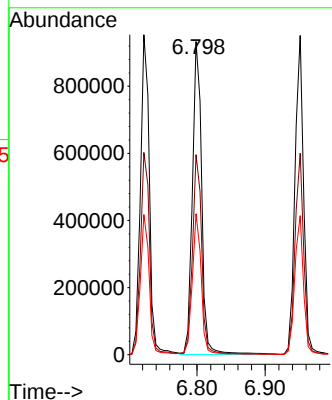
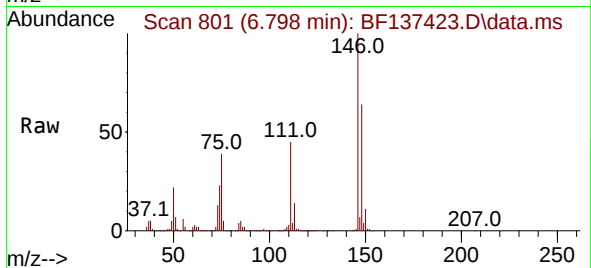
PB159308BS

Tgt Ion:146 Resp: 87654
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.9 74.9
 111 45.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#14

1,2-Dichlorobenzene

Concen: 45.570 ng

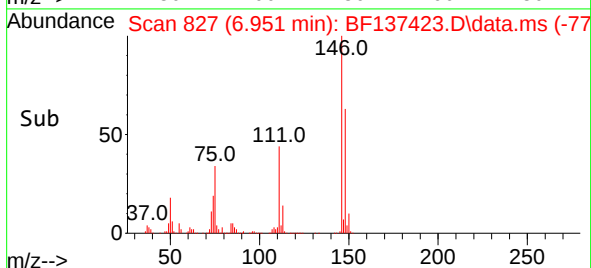
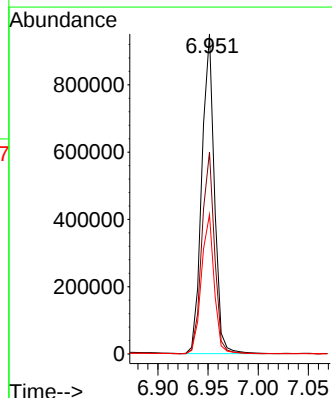
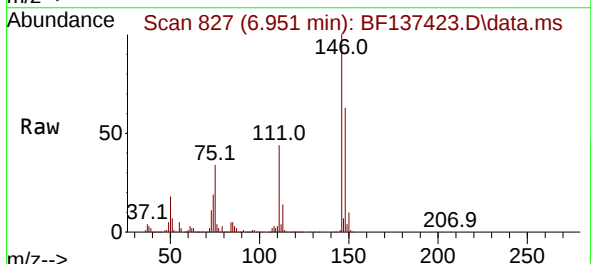
RT: 6.951 min Scan# 827

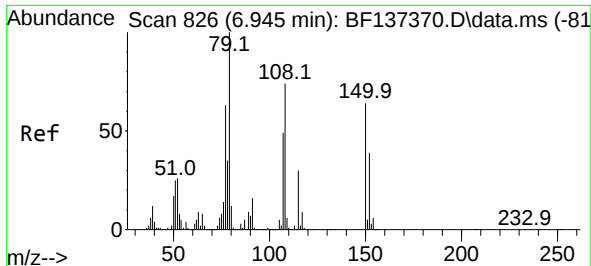
Delta R.T. -0.018 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

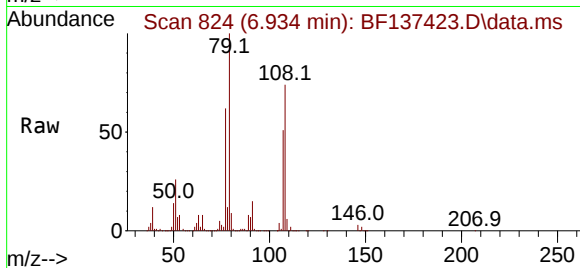
Tgt Ion:146 Resp: 834679
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 111 43.6 36.6 54.8





#15
Benzyl Alcohol
Concen: 54.378 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

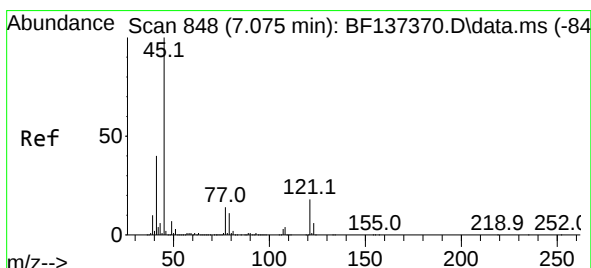
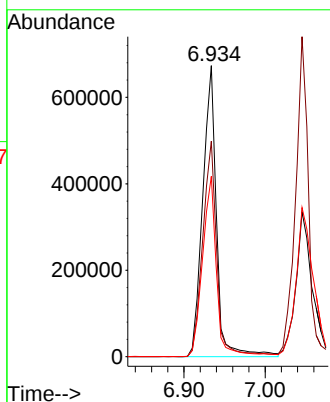
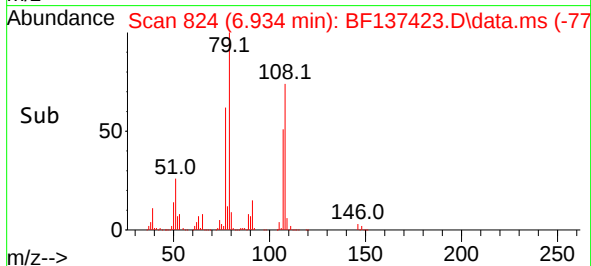
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion: 79 Resp: 79620
Ion Ratio Lower Upper
79 100
108 74.1 59.5 89.3
77 62.0 50.5 75.7

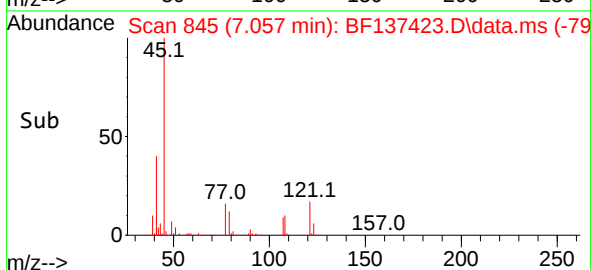
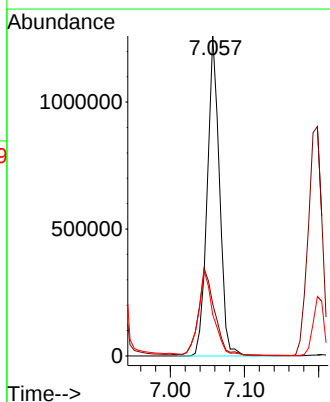
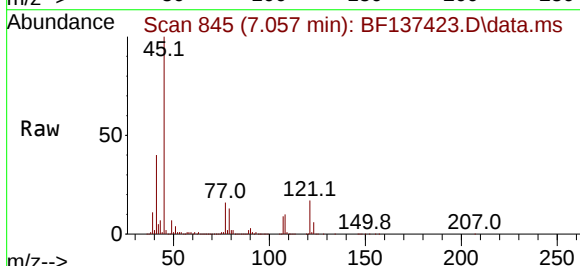
Manual Integrations
APPROVED

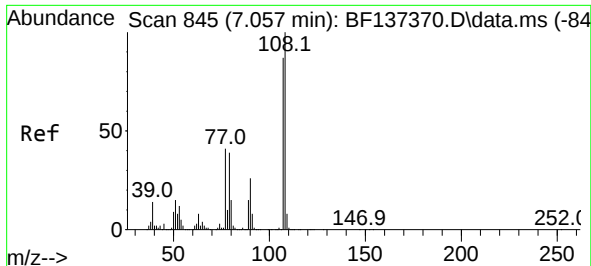
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.603 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion: 45 Resp: 1448213
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.8 0.0 31.6





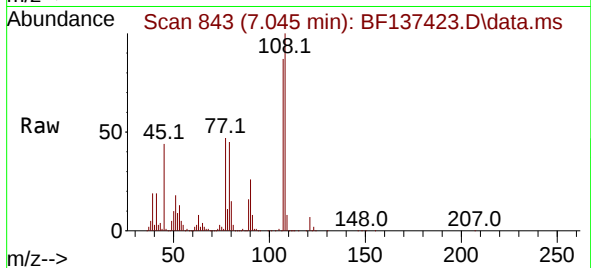
#17
2-Methylphenol
Concen: 41.863 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

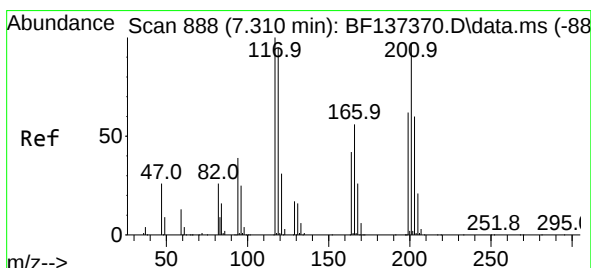
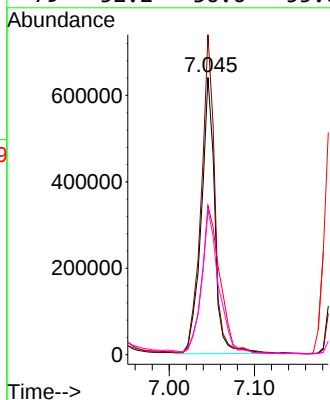
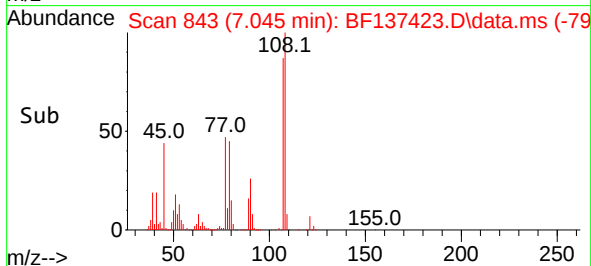


Tgt Ion:107 Resp: 709400
Ion Ratio Lower Upper
107 100
108 115.4 92.2 138.4
77 53.8 38.1 57.1
79 52.2 36.6 55.0

Manual Integrations

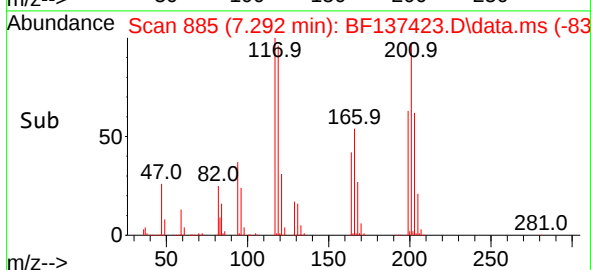
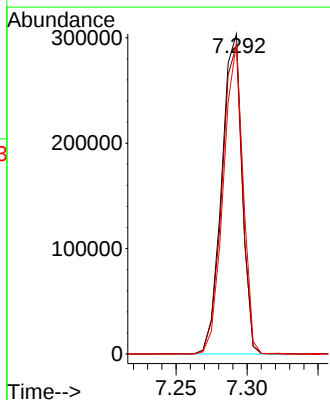
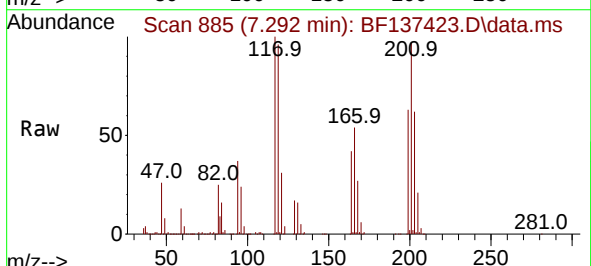
APPROVED

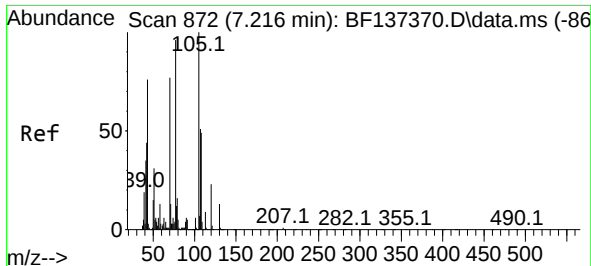
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 44.482 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:117 Resp: 303523
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
201 97.3 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.971 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

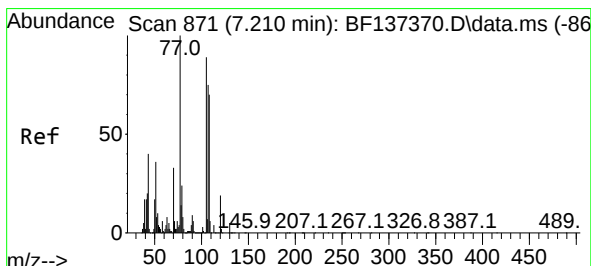
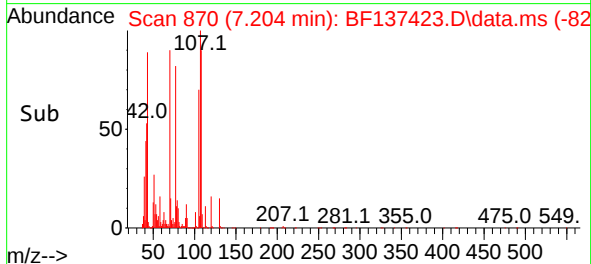
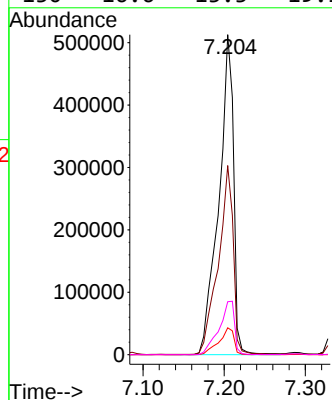
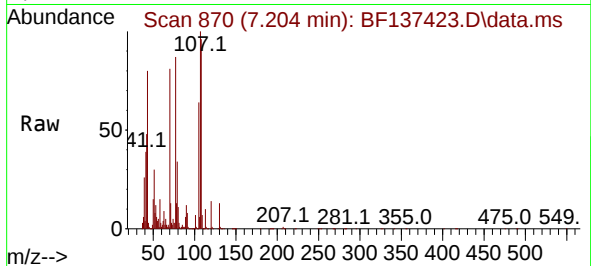
ClientSampleId :

PB159308BS

Tgt Ion: 70 Resp: 65043
Ion Ratio Lower Upper
70 100
42 59.1 45.3 67.9
101 8.4 6.5 9.7
130 16.6 13.3 19.9

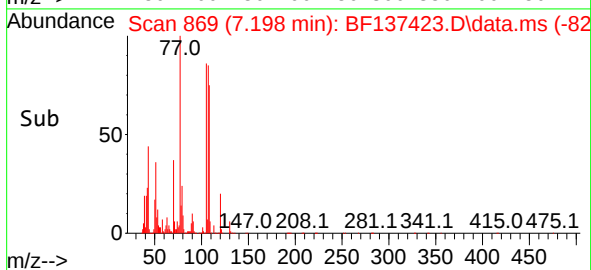
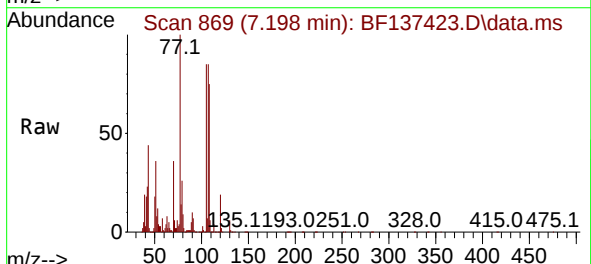
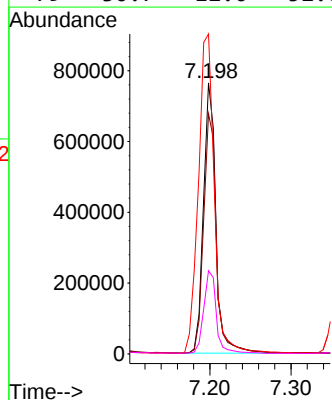
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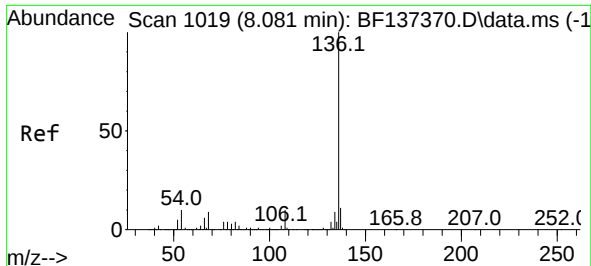
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 41.969 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:107 Resp: 810595
Ion Ratio Lower Upper
107 100
108 88.6 73.1 113.1
77 118.0 113.6 153.6
79 30.7 12.0 52.0





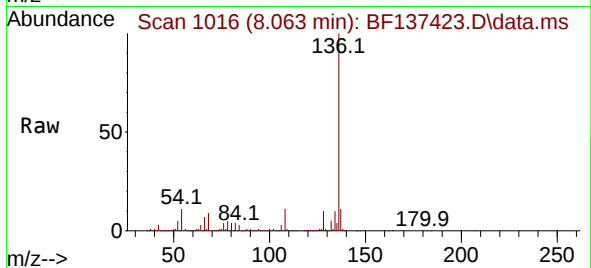
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

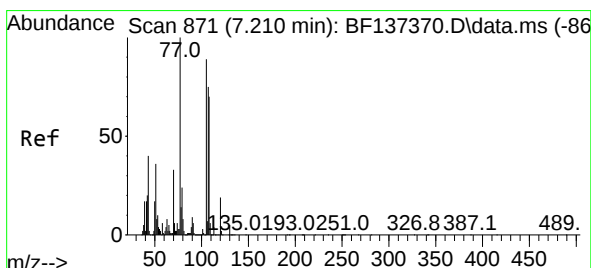
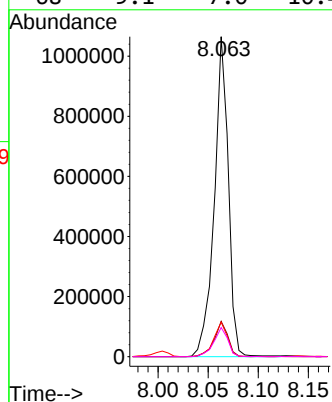
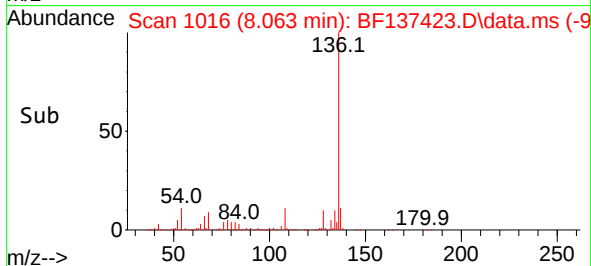


Tgt Ion:136 Resp: 1038762
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.8 7.8 11.6
68 9.1 7.0 10.4

Manual Integrations

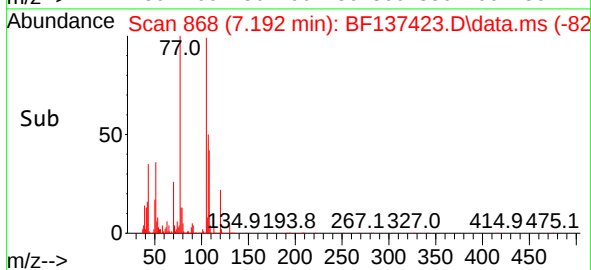
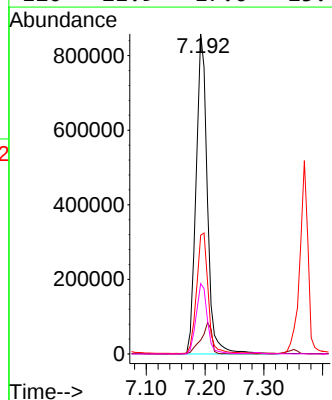
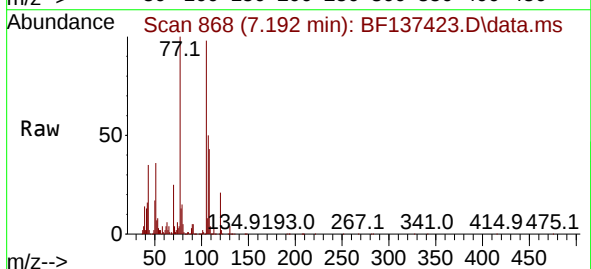
APPROVED

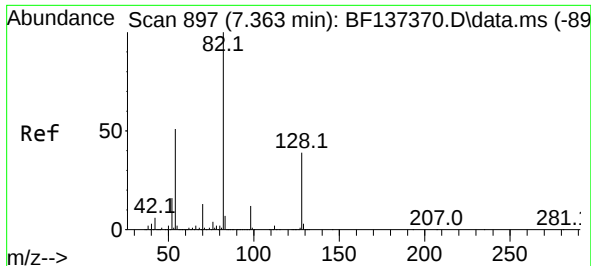
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 45.461 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:105 Resp: 1145119
Ion Ratio Lower Upper
105 100
71 4.3 5.0 7.6#
51 37.1 32.2 48.4
120 21.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 90.404 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

Tgt Ion: 82 Resp: 1881004

Ion Ratio Lower Upper

82 100

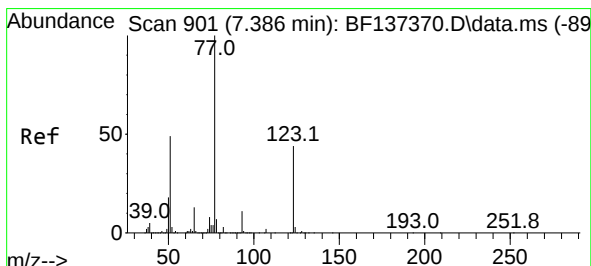
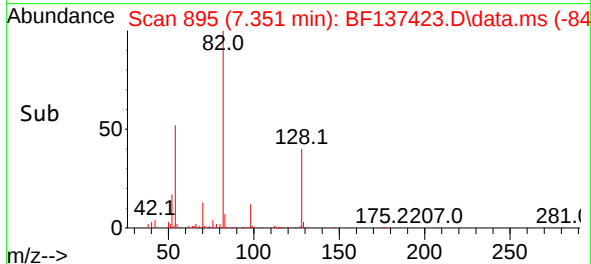
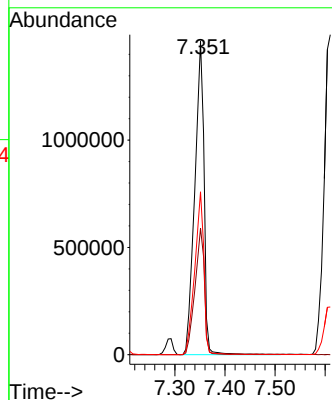
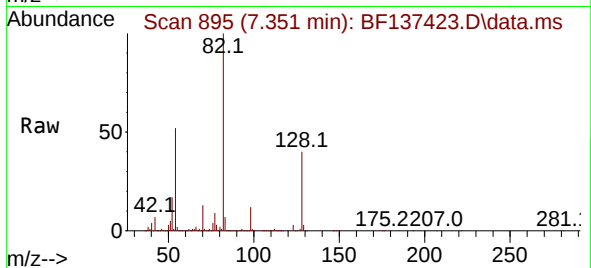
128 40.4 30.8 46.2

54 52.0 40.8 61.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#24

Nitrobenzene

Concen: 46.809 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

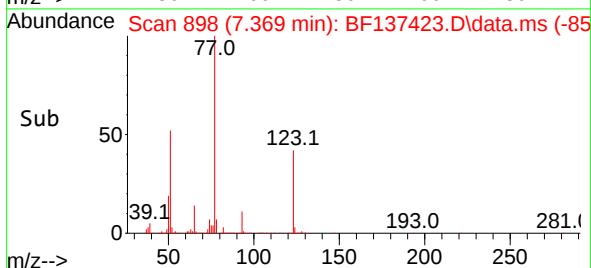
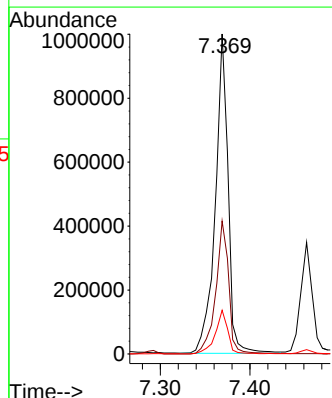
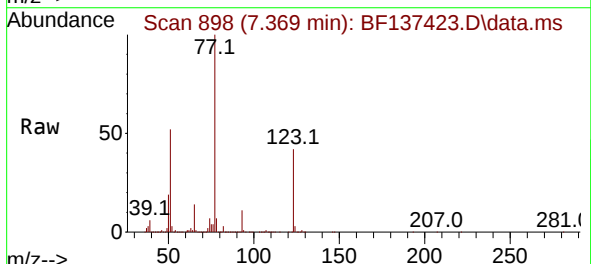
Tgt Ion: 77 Resp: 989641

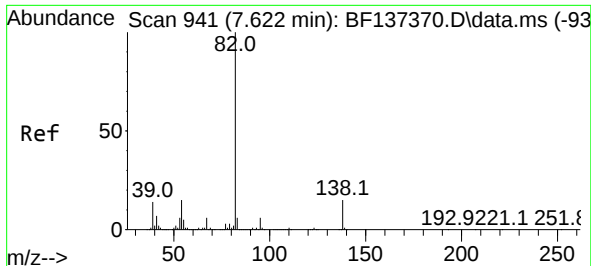
Ion Ratio Lower Upper

77 100

123 41.6 35.4 53.0

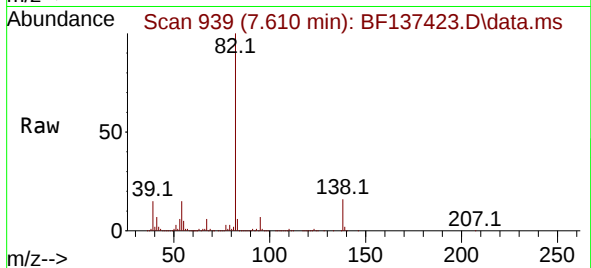
65 13.7 10.3 15.5





#25
Isophorone
Concen: 43.230 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

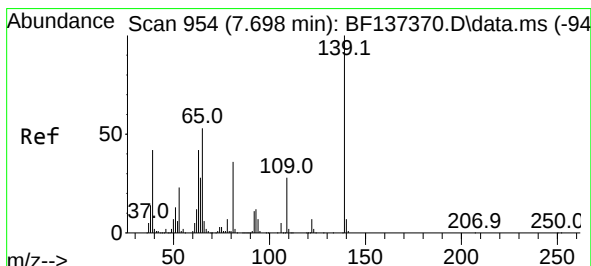
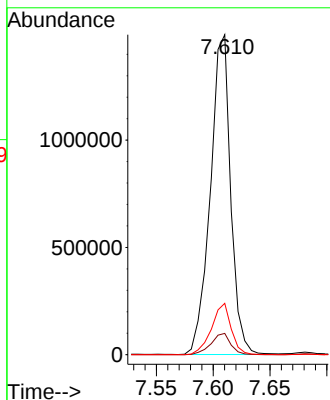
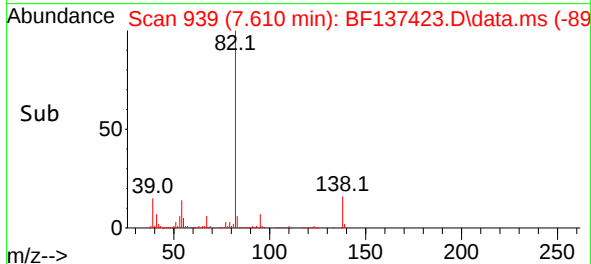
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion: 82 Resp: 1860080
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.1 12.2 18.4

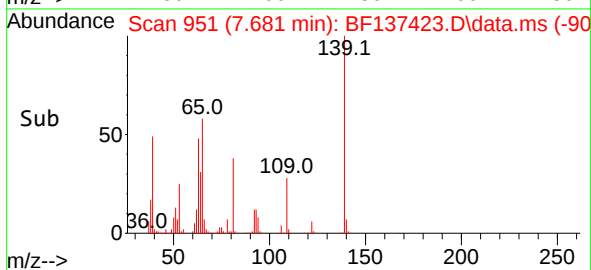
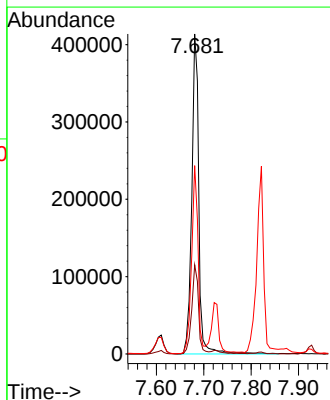
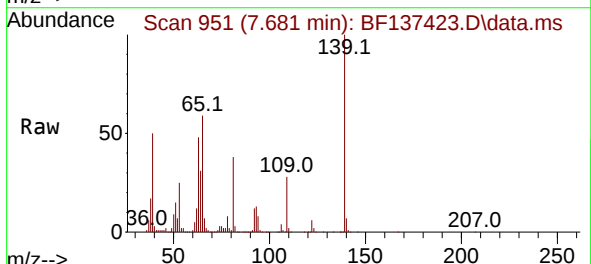
Manual Integrations
APPROVED

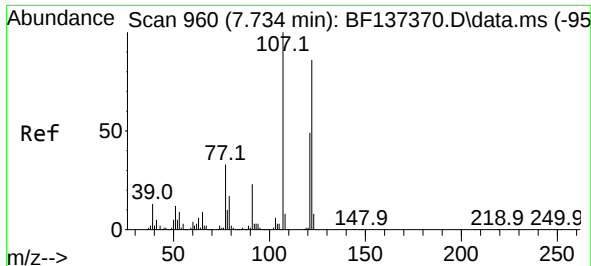
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 52.864 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:139 Resp: 429598
Ion Ratio Lower Upper
139 100
109 27.8 22.5 33.7
65 58.9 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 40.168 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

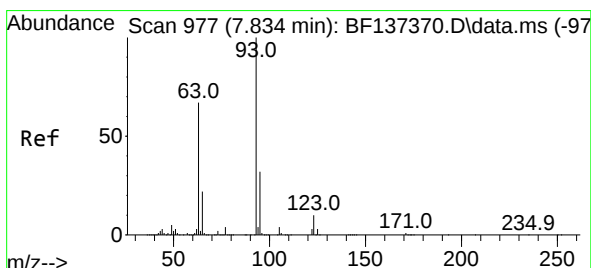
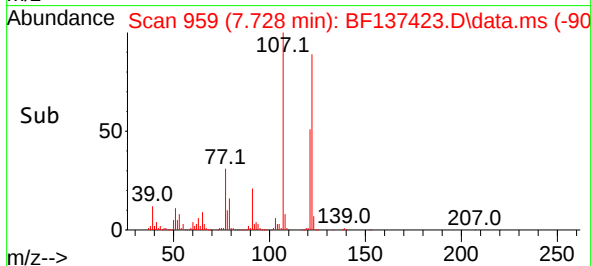
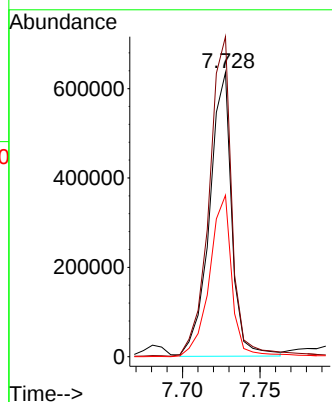
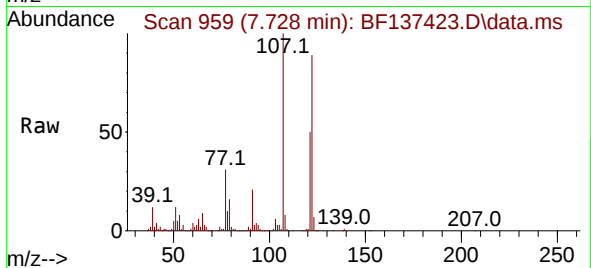
PB159308BS

Tgt Ion:	122	Resp:	63564
Ion	Ratio	Lower	Upper
122	100		
107	112.6	92.7	139.1
121	56.8	45.2	67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.746 ng

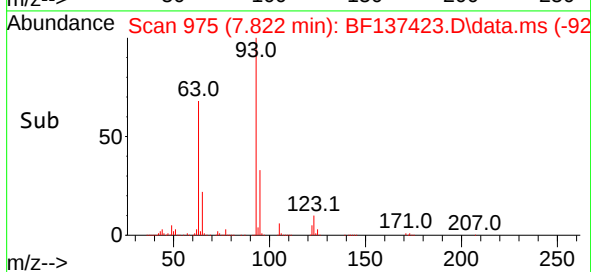
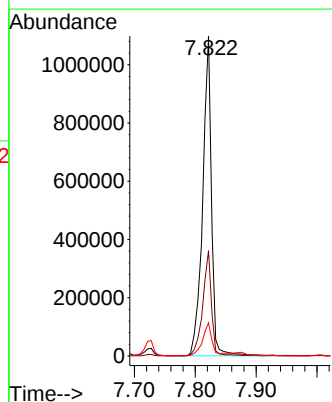
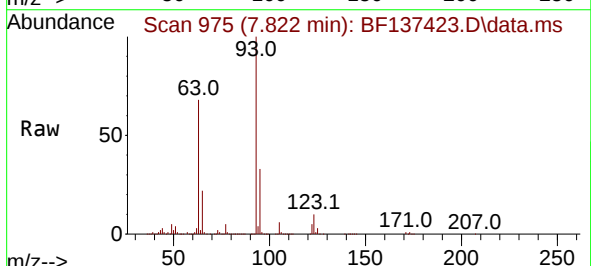
RT: 7.822 min Scan# 975

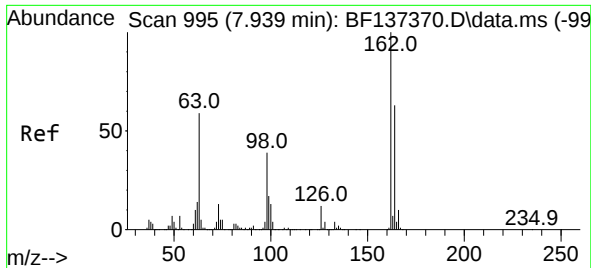
Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Tgt Ion:	93	Resp:	1109744
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	10.4	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 47.391 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

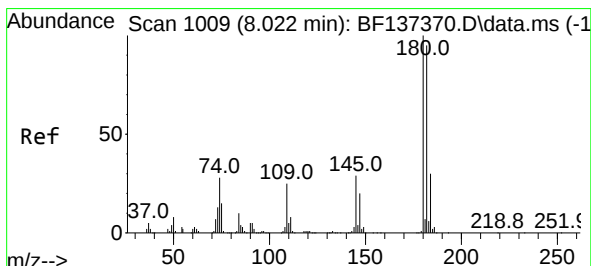
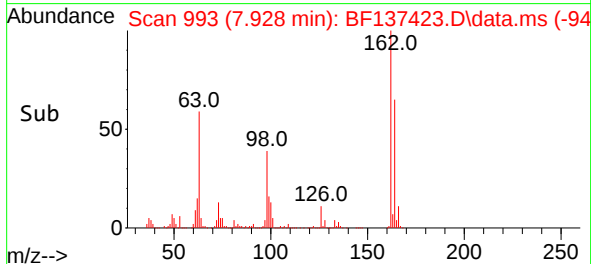
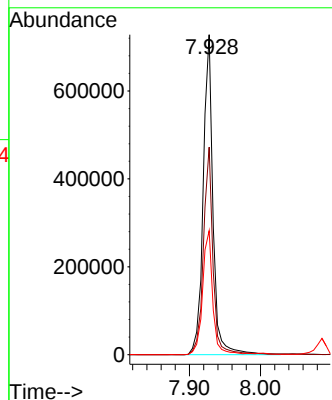
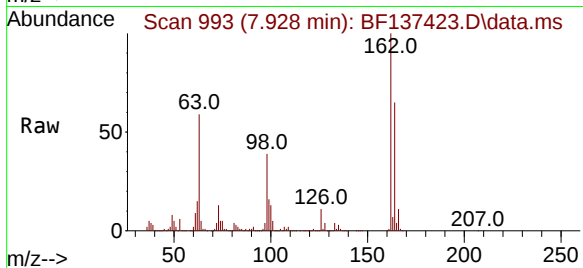
ClientSampleId :

PB159308BS

Tgt Ion:162 Resp: 70287
Ion Ratio Lower Upper
162 100
164 64.8 43.1 83.1
98 38.8 19.0 59.0

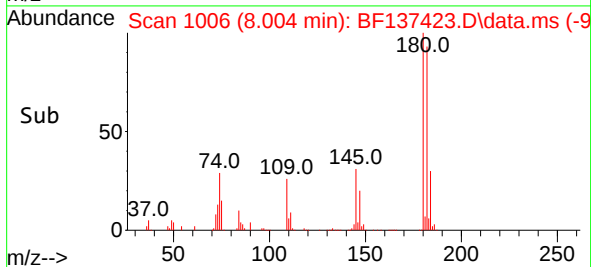
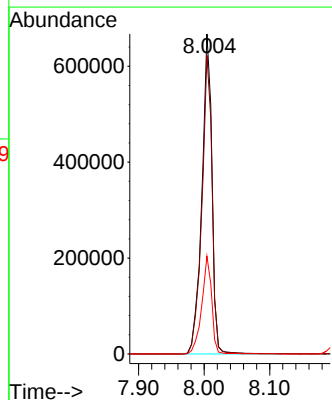
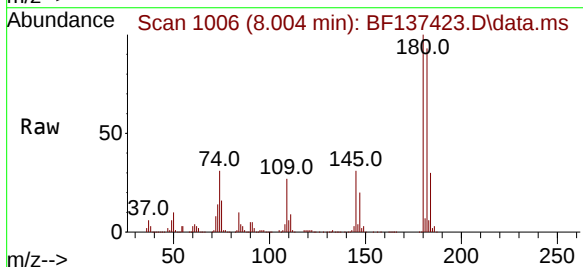
Manual Integrations
APPROVED

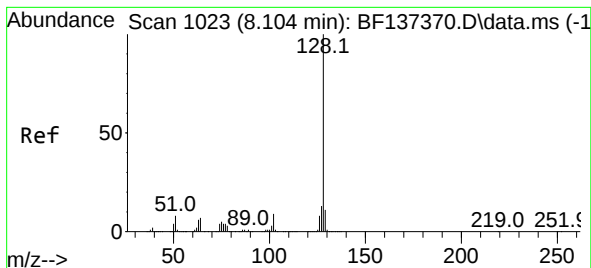
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.165 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

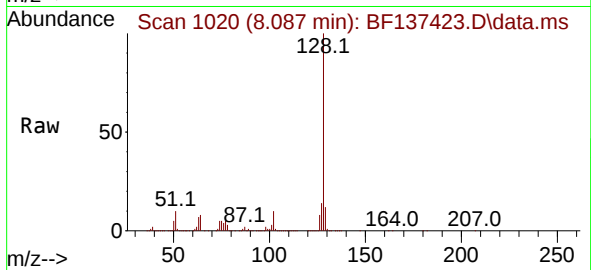
Tgt Ion:180 Resp: 719005
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.6
145 30.5 23.4 35.0





#31
Naphthalene
Concen: 42.512 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

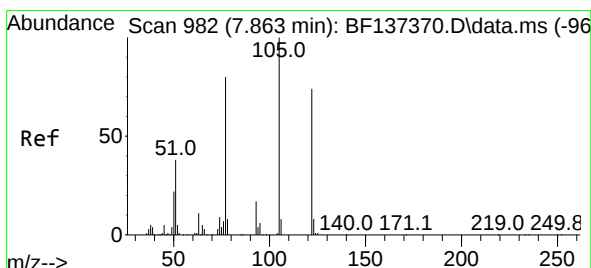
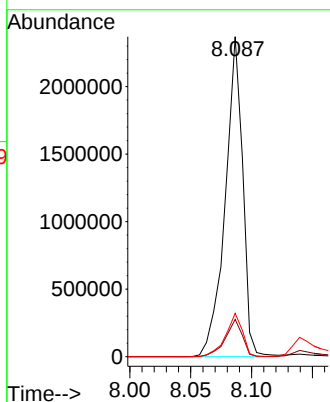
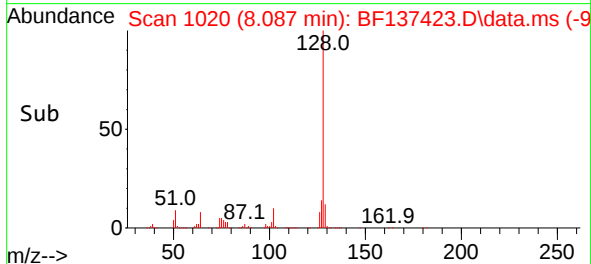
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:128 Resp: 236986
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.6 16.0

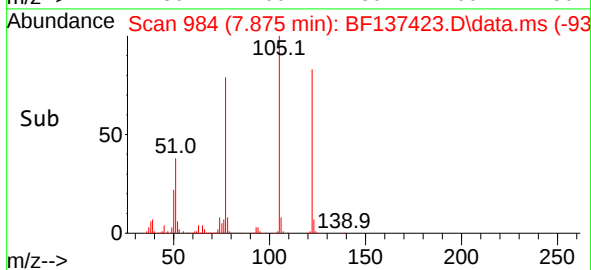
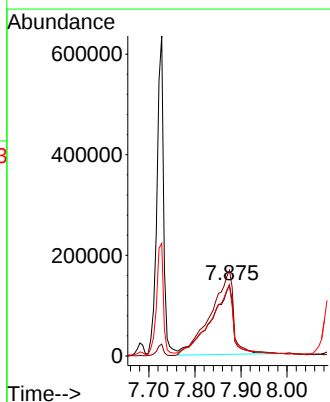
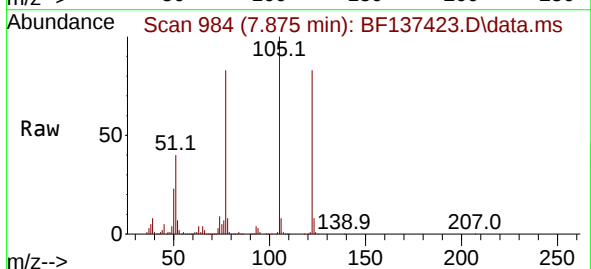
Manual Integrations
APPROVED

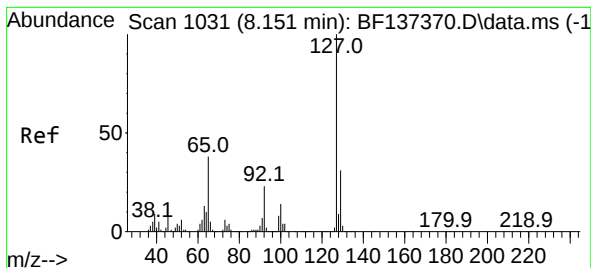
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 48.927 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:122 Resp: 475284
Ion Ratio Lower Upper
122 100
105 120.7 101.1 141.1
77 99.9 82.8 122.8





#33
4-Chloroaniline
Concen: 11.469 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

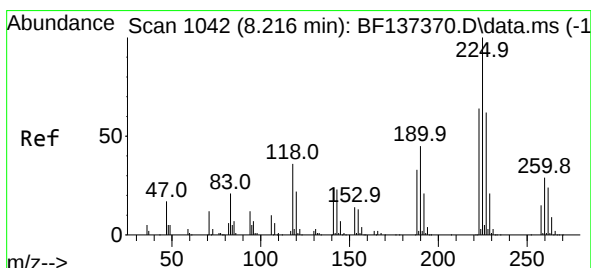
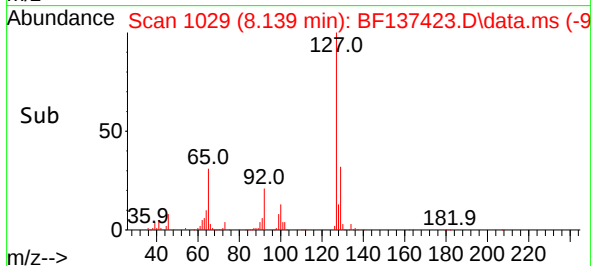
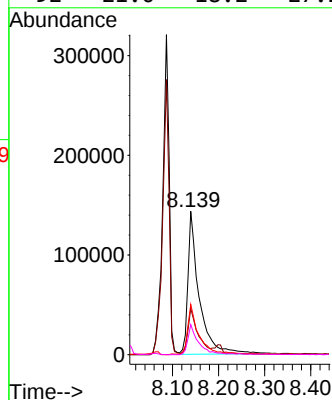
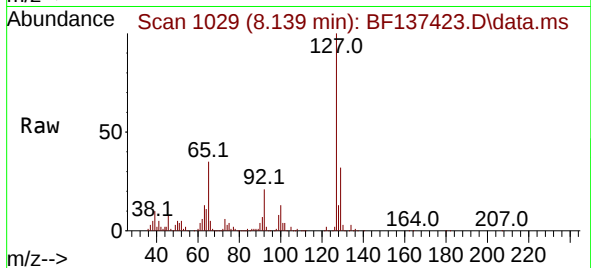
PB159308BS

Tgt Ion:127 Resp: 243150
Ion Ratio Lower Upper
127 100
129 32.2 25.0 37.6
65 35.1 30.4 45.6
92 21.0 18.2 27.2

Manual Integrations

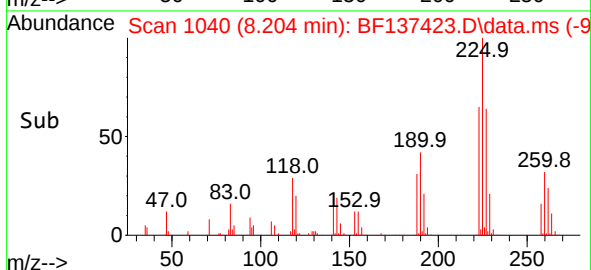
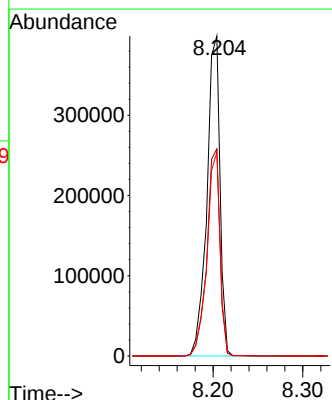
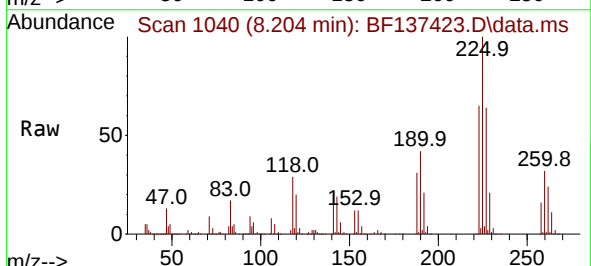
APPROVED

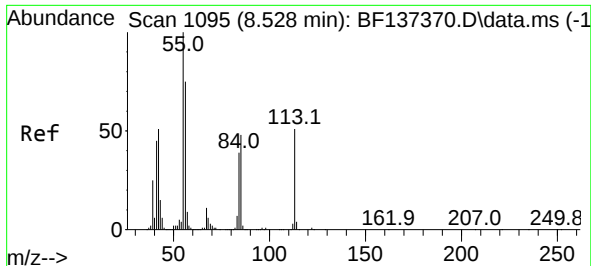
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 42.823 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

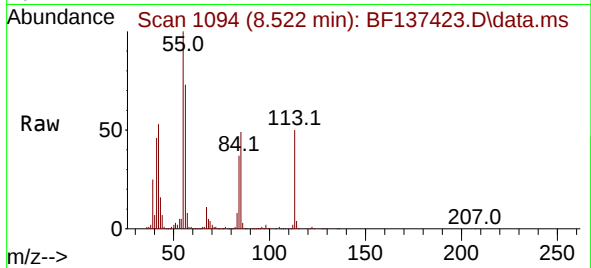
Tgt Ion:225 Resp: 404984
Ion Ratio Lower Upper
225 100
223 64.7 51.4 77.0
227 63.7 49.8 74.6





#35
Caprolactam
Concen: 50.267 ng m
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

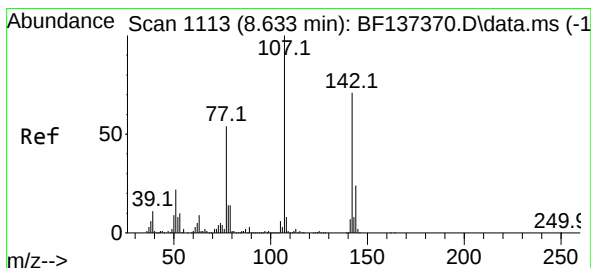
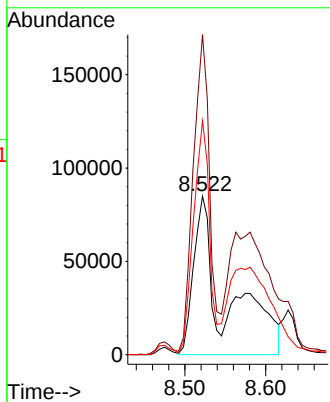
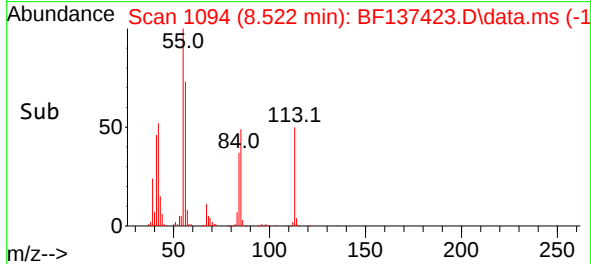
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:113 Resp: 230550
Ion Ratio Lower Upper
113 100
55 201.9 176.3 216.3
56 147.6 127.6 167.6

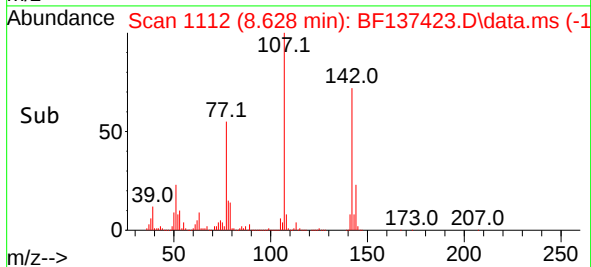
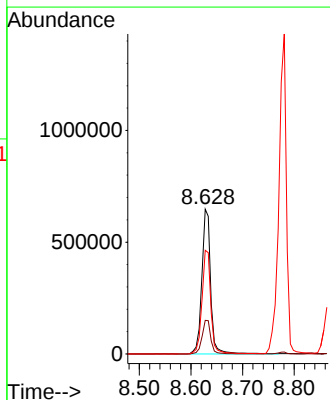
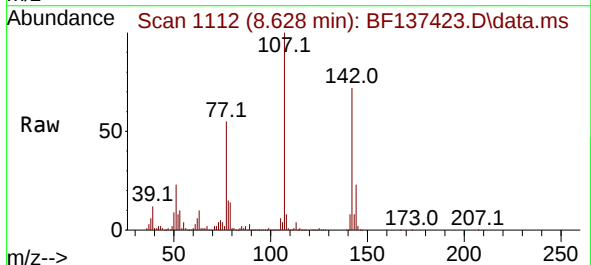
Manual Integrations
APPROVED

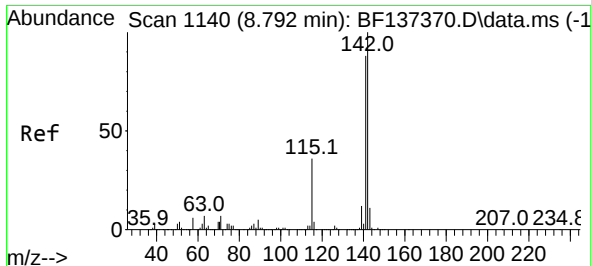
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 45.637 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:107 Resp: 767351
Ion Ratio Lower Upper
107 100
144 23.2 18.9 28.3
142 71.6 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.231 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

Tgt Ion:142 Resp: 144512

Ion Ratio Lower Upper

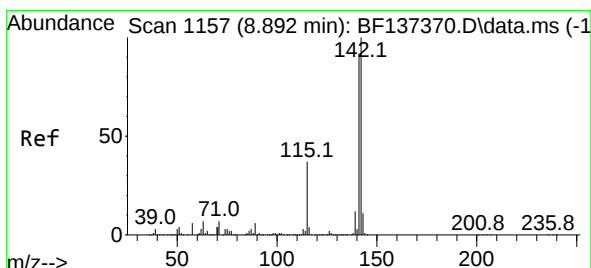
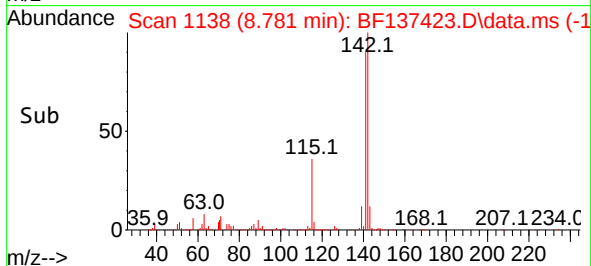
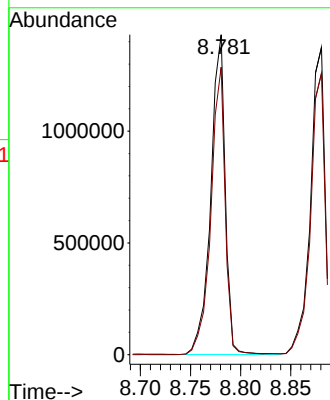
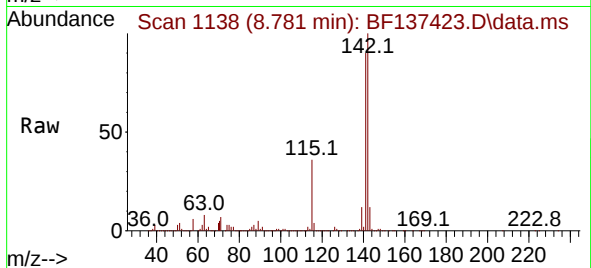
142 100

141 89.8 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38

1-Methylnaphthalene

Concen: 40.651 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137423.D

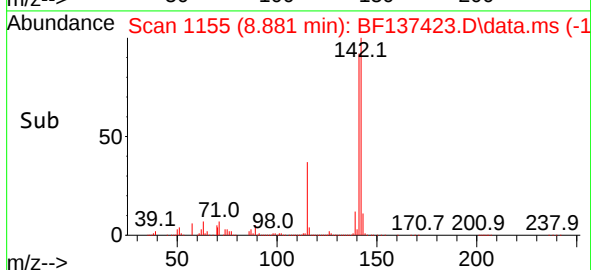
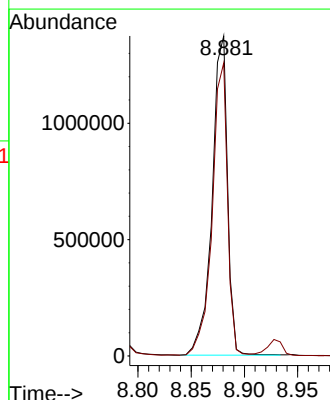
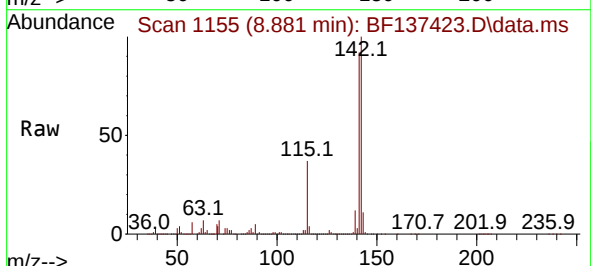
Acq: 28 Feb 2024 15:23

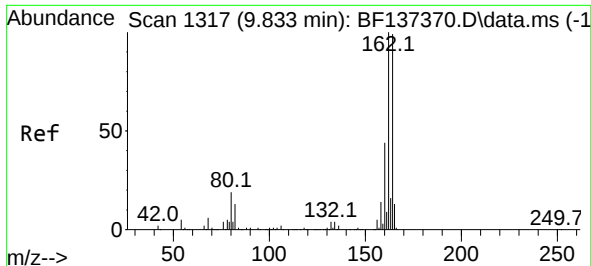
Tgt Ion:142 Resp: 1380587

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





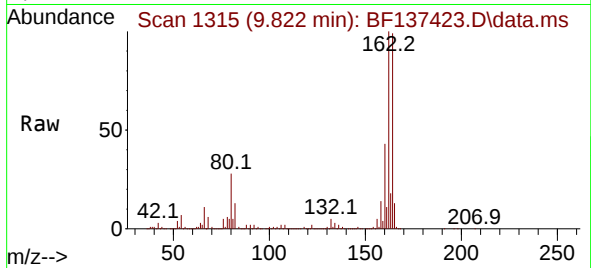
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

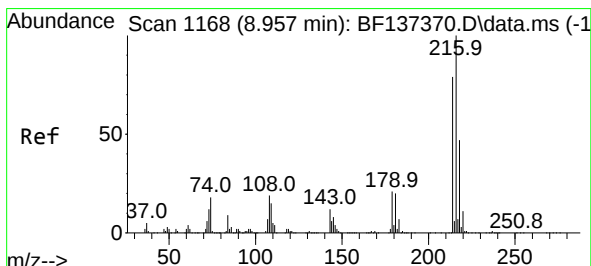
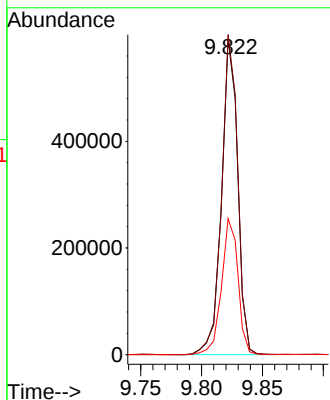
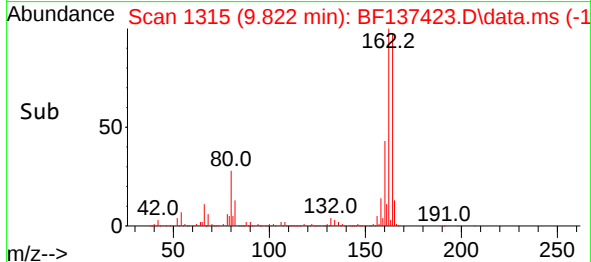


Tgt Ion:164 Resp: 548450
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.1 35.7 53.5

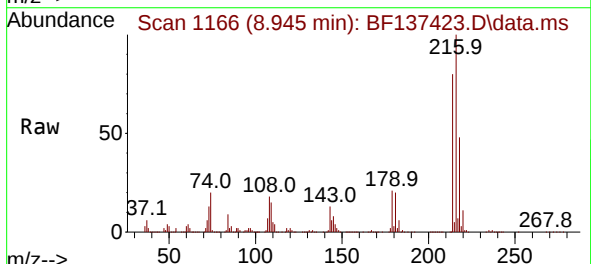
Manual Integrations

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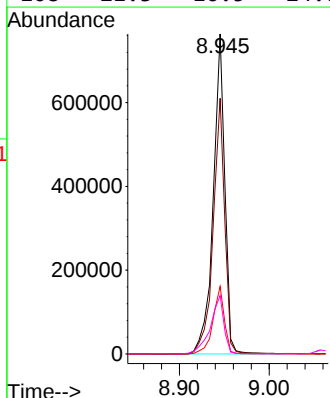
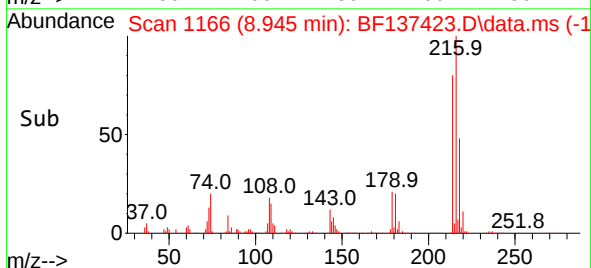
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

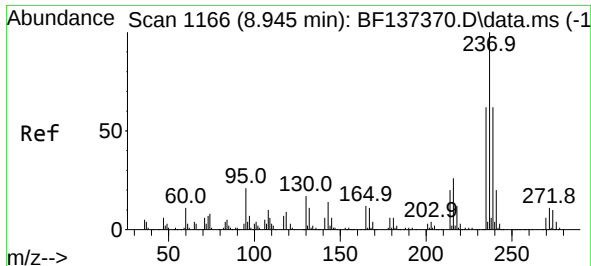


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.336 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



Tgt Ion:216 Resp: 684838
Ion Ratio Lower Upper
216 100
214 80.3 62.3 93.5
179 20.9 16.5 24.7
108 21.3 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 81.688 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.011 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

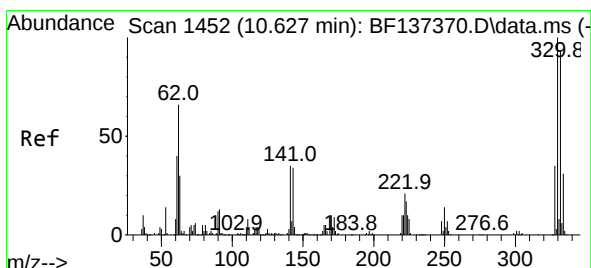
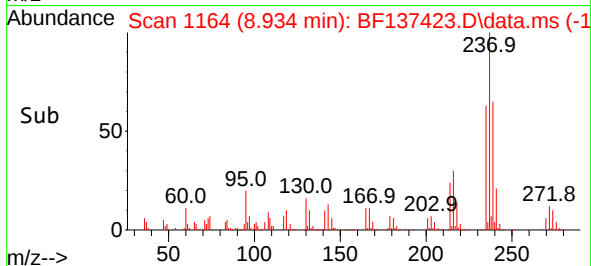
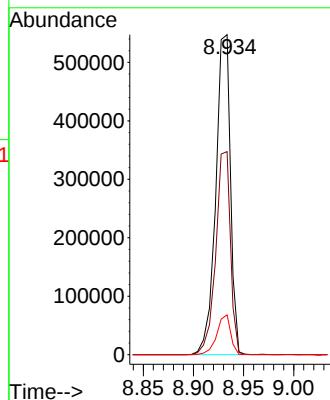
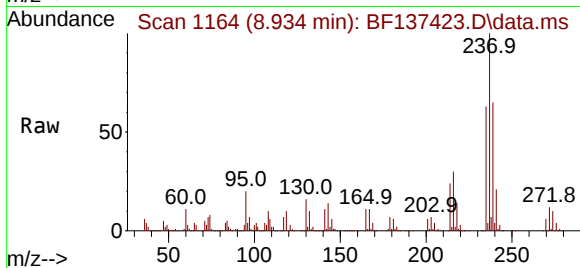
ClientSampleId :

PB159308BS

Tgt Ion:237 Resp: 55946
Ion Ratio Lower Upper
237 100
235 63.5 42.0 82.0
272 12.5 0.0 31.3

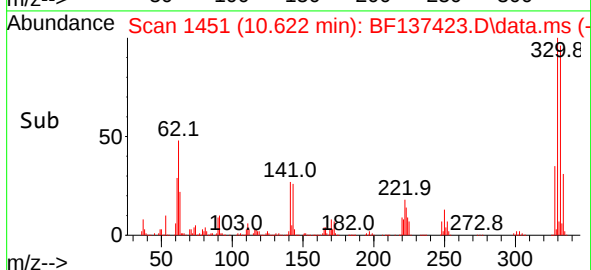
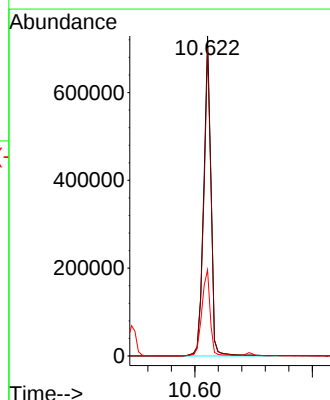
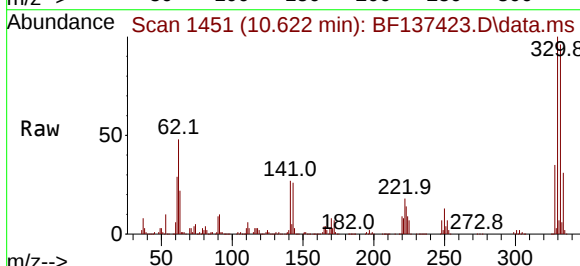
Manual Integrations
APPROVED

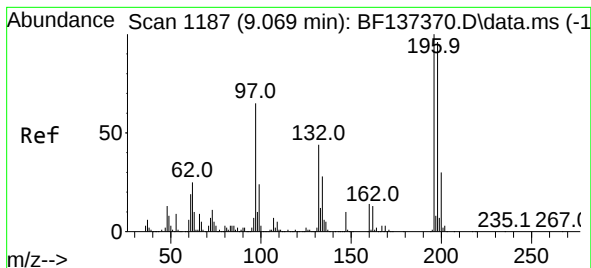
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#42
2,4,6-Tribromophenol
Concen: 131.527 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:330 Resp: 628162
Ion Ratio Lower Upper
330 100
332 96.0 75.6 113.4
141 30.6 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 48.210 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

Tgt Ion:196 Resp: 47218

Ion Ratio Lower Upper

196 100

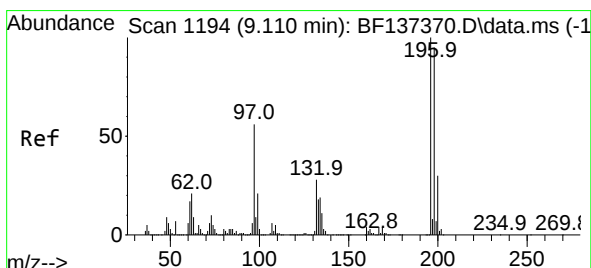
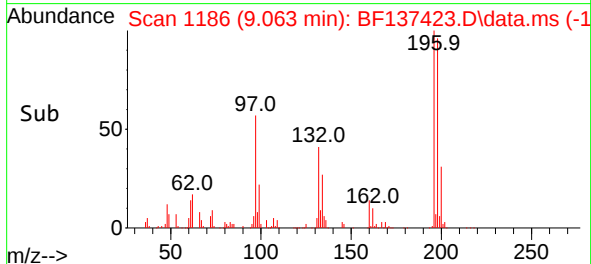
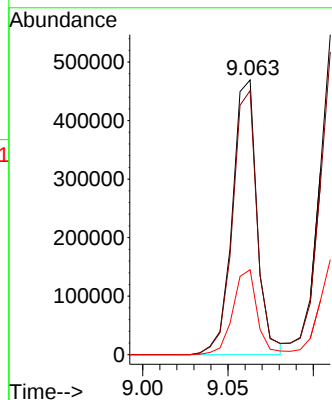
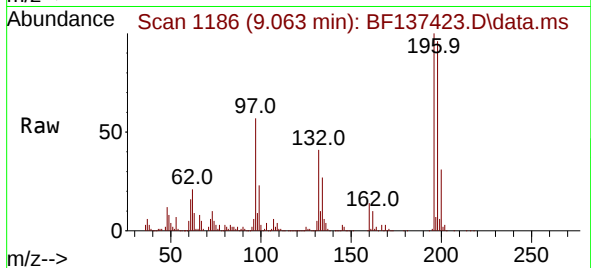
198 96.1 77.0 115.4

200 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#44

2,4,5-Trichlorophenol

Concen: 43.805 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Tgt Ion:196 Resp: 492222

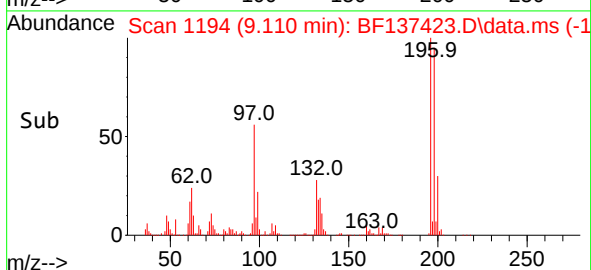
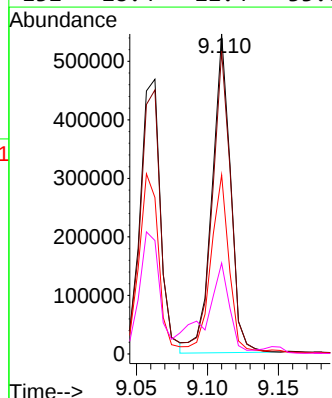
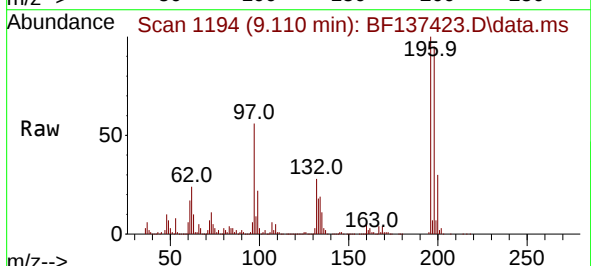
Ion Ratio Lower Upper

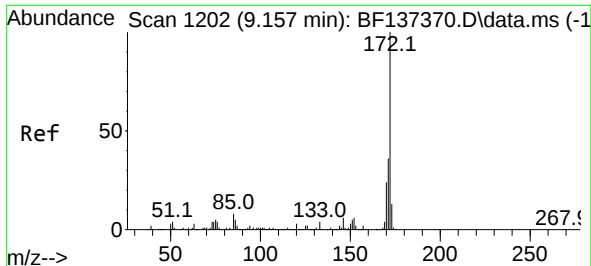
196 100

198 94.6 75.6 113.4

97 56.0 44.6 66.8

132 28.4 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 81.039 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

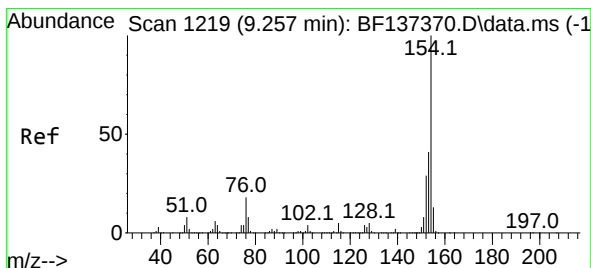
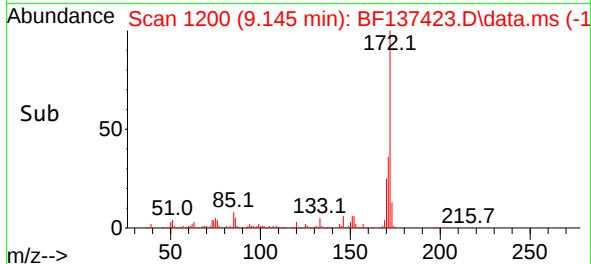
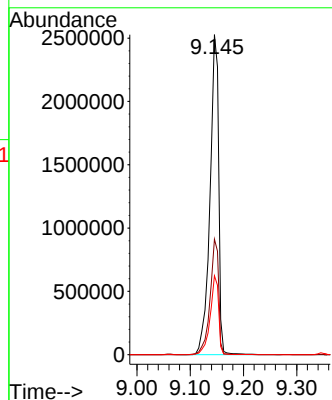
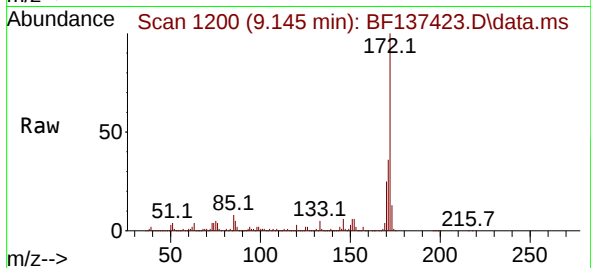
PB159308BS

Tgt Ion:172 Resp: 2854880
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.6 19.5 29.3

Manual Integrations

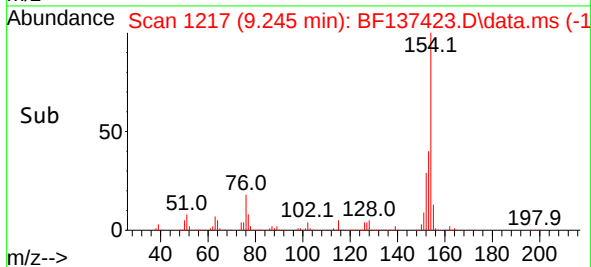
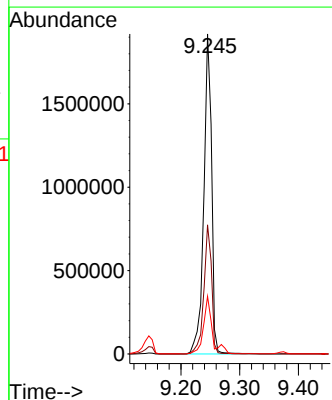
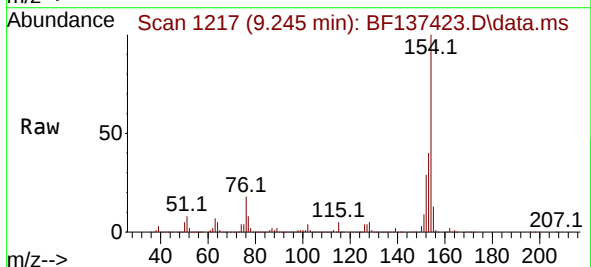
APPROVED

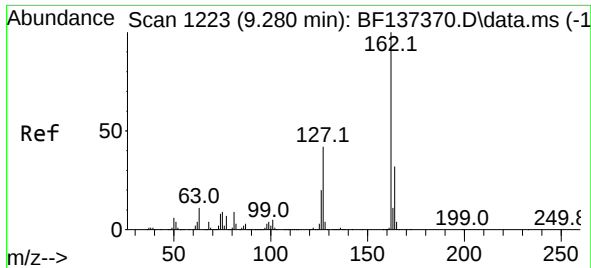
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 44.526 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:154 Resp: 1778604
Ion Ratio Lower Upper
154 100
153 40.4 21.2 61.2
76 18.0 0.0 37.9





#47

2-Chloronaphthalene

Concen: 46.283 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

Tgt Ion:162 Resp: 1396214

Ion Ratio Lower Upper

162 100

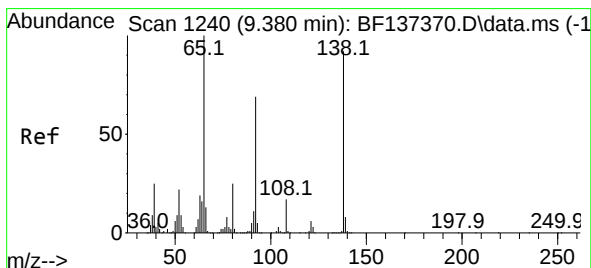
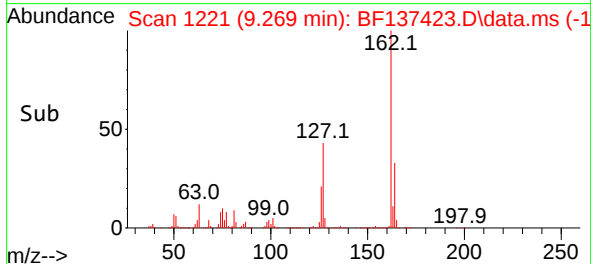
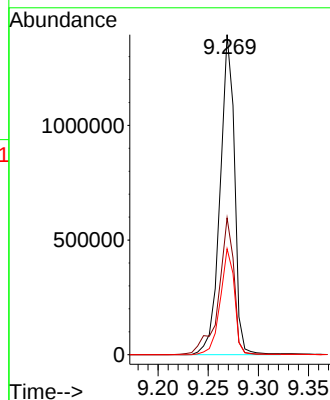
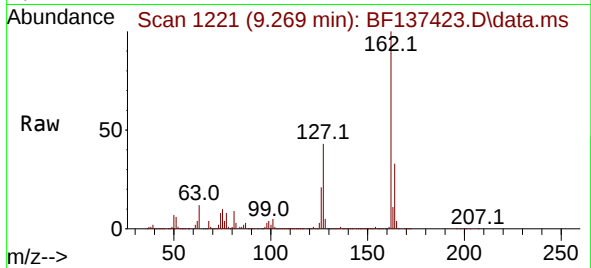
127 42.8 33.6 50.4

164 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#48

2-Nitroaniline

Concen: 53.388 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

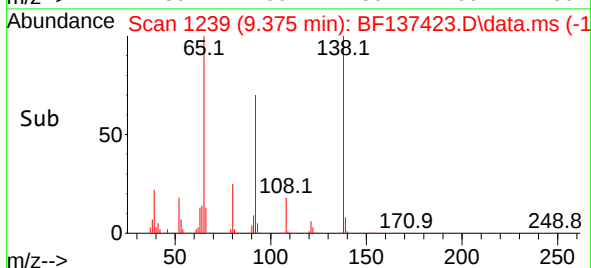
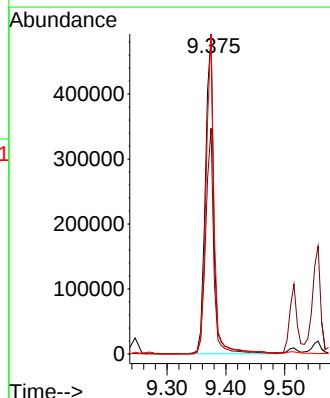
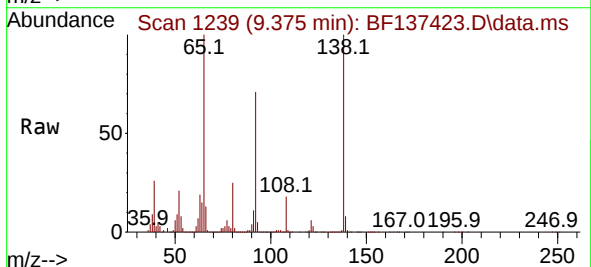
Tgt Ion: 65 Resp: 493935

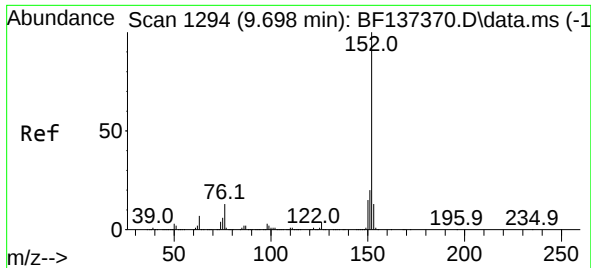
Ion Ratio Lower Upper

65 100

92 70.6 55.0 82.6

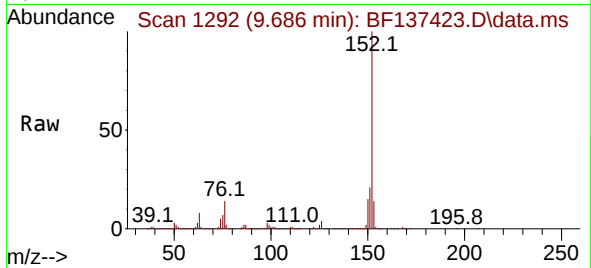
138 100.0 73.7 110.5





#49
Acenaphthylene
Concen: 45.310 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

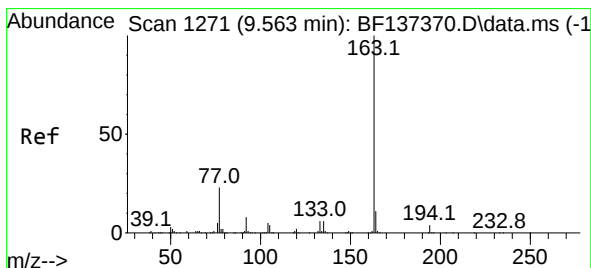
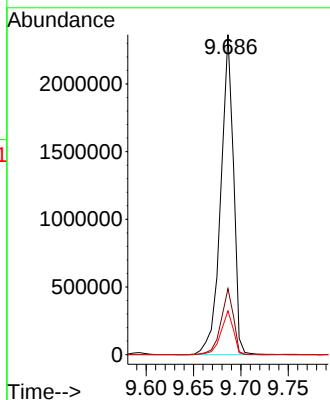
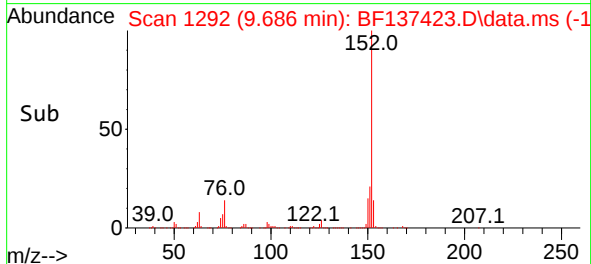
Instrument :
BNA_F
ClientSampleId :
PB159308BS



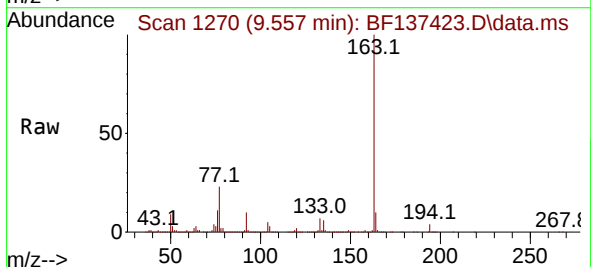
Tgt Ion:152 Resp: 2220744
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.6 15.8

Manual Integrations
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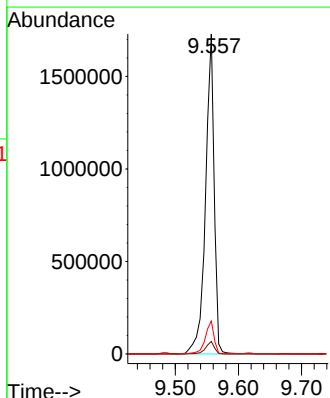
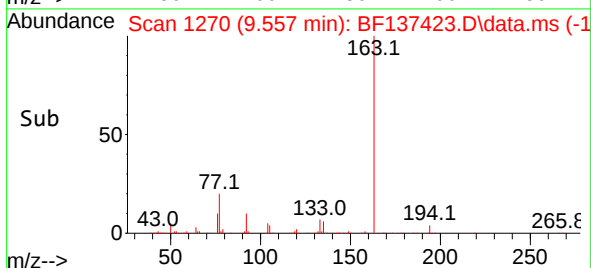
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

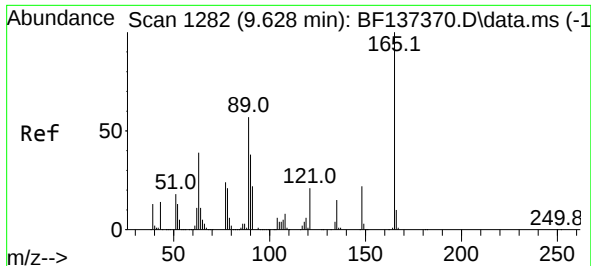


#50
Dimethylphthalate
Concen: 43.688 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



Tgt Ion:163 Resp: 1655679
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 51.217 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

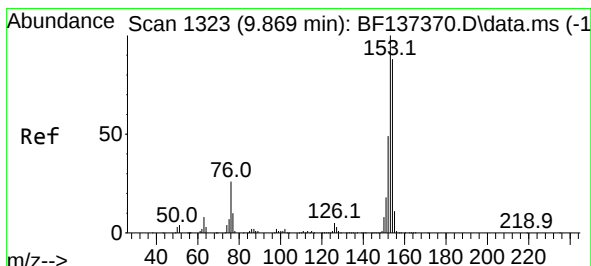
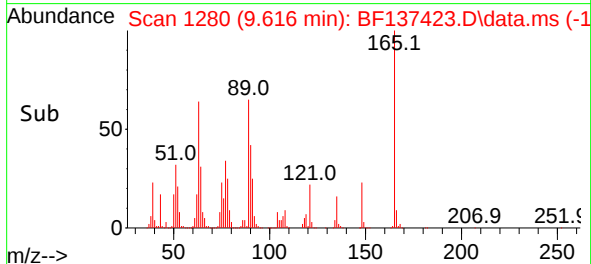
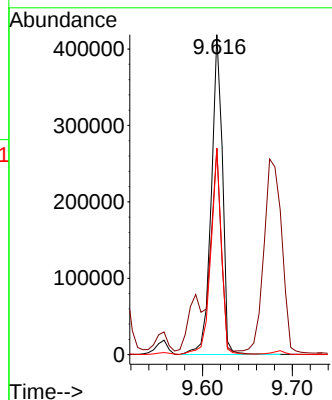
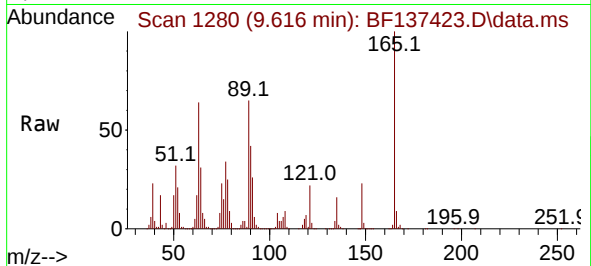
PB159308BS

Tgt Ion:165 Resp: 361099
Ion Ratio Lower Upper
165 100
63 64.4 41.6 62.4
89 64.6 45.8 68.6

Manual Integrations

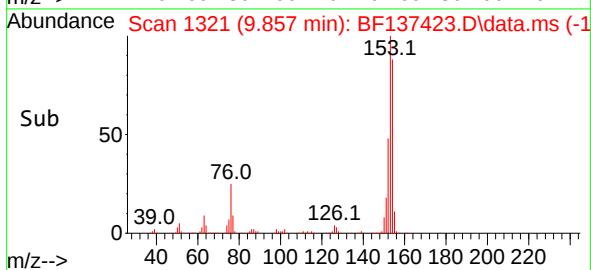
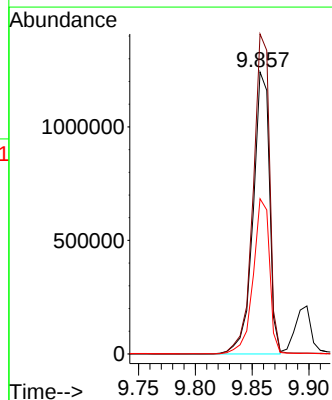
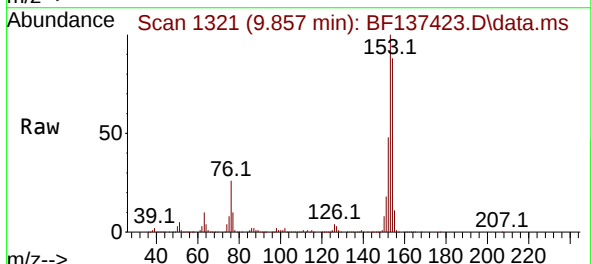
APPROVED

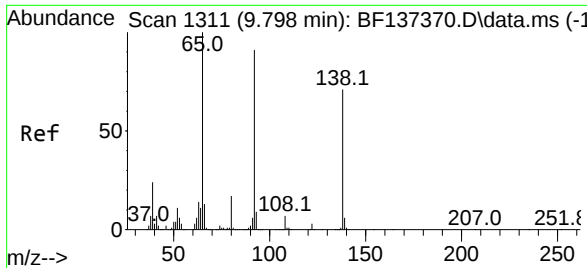
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 42.530 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

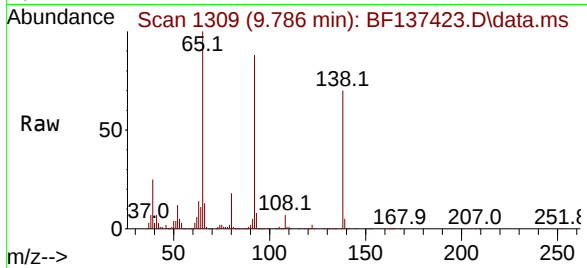
Tgt Ion:154 Resp: 1244309
Ion Ratio Lower Upper
154 100
153 113.5 90.6 135.8
152 55.0 44.1 66.1





#53
3-Nitroaniline
Concen: 28.313 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

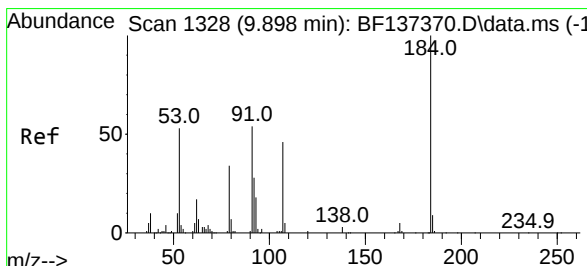
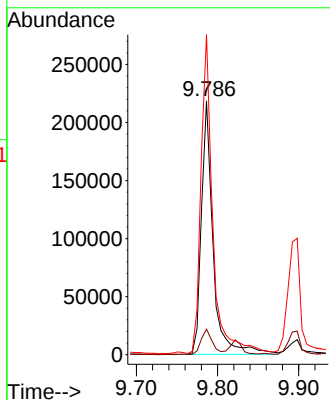
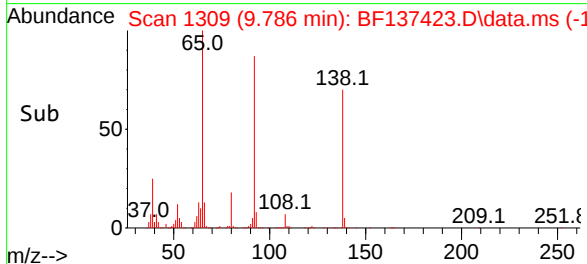
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:138 Resp: 219894
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 126.1 102.2 153.2

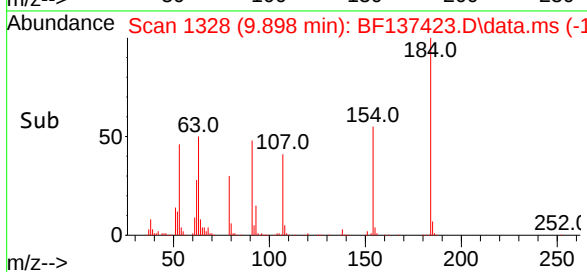
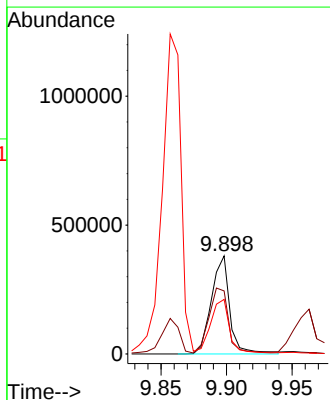
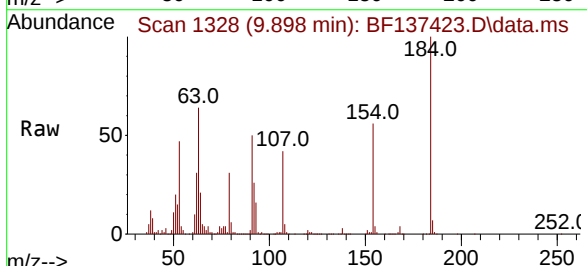
Manual Integrations
APPROVED

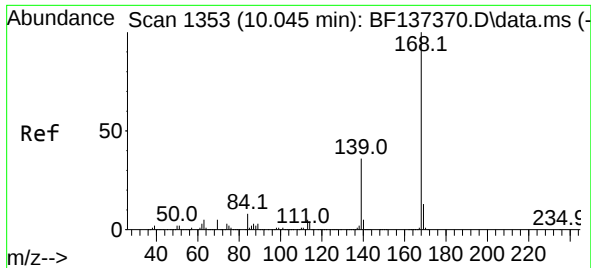
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 104.025 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:184 Resp: 371629
Ion Ratio Lower Upper
184 100
63 64.2 55.9 83.9
154 55.6 47.6 71.4





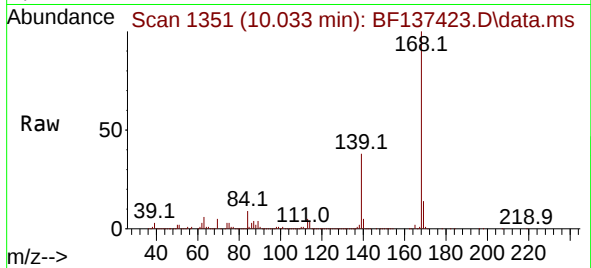
#55
Dibenzenofuran
Concen: 41.463 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

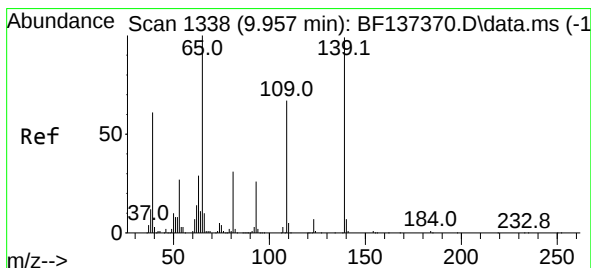
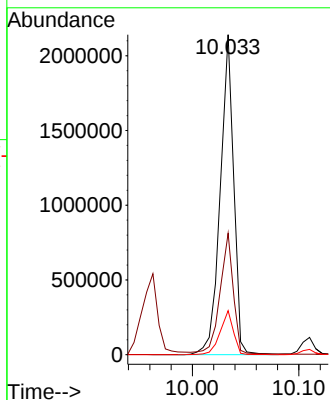
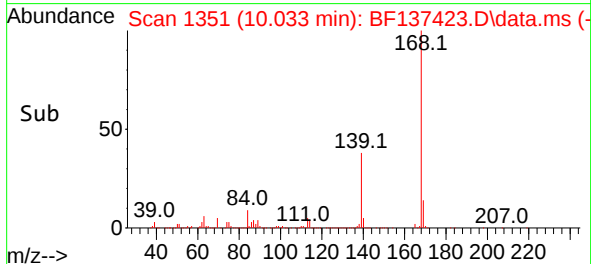


Tgt Ion:168 Resp: 187491
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 13.8 10.8 16.2

Manual Integrations

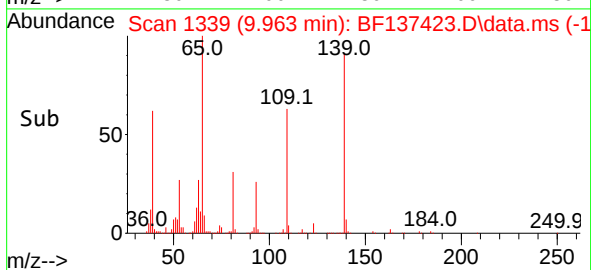
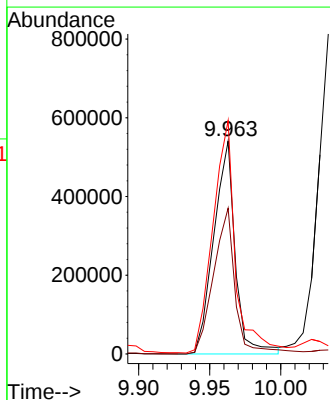
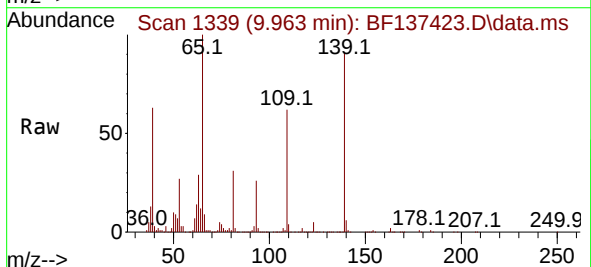
APPROVED

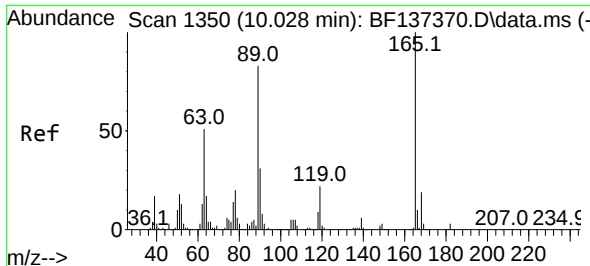
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 94.126 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:139 Resp: 567536
Ion Ratio Lower Upper
139 100
109 68.5 48.0 88.0
65 109.6 82.2 122.2





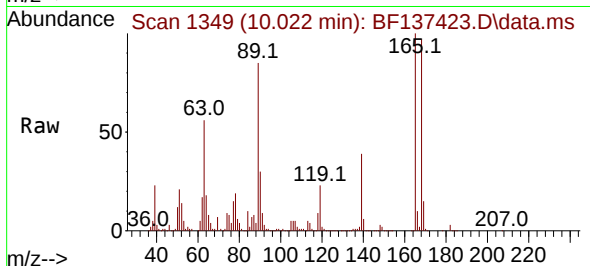
#57
2,4-Dinitrotoluene
Concen: 51.786 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

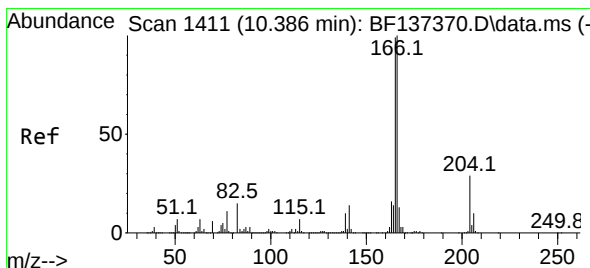
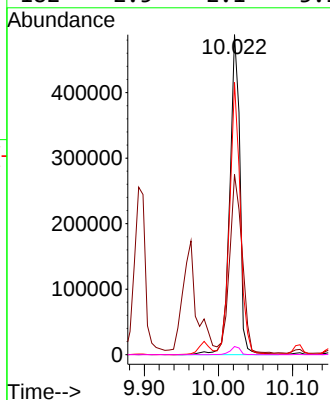
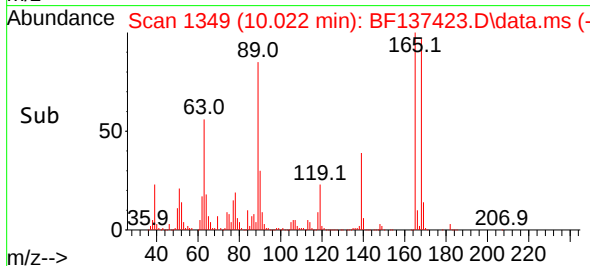


Tgt Ion:165 Resp: 46236
Ion Ratio Lower Upper
165 100
63 56.3 41.1 61.7
89 85.1 66.6 100.0
182 2.5 2.1 3.1

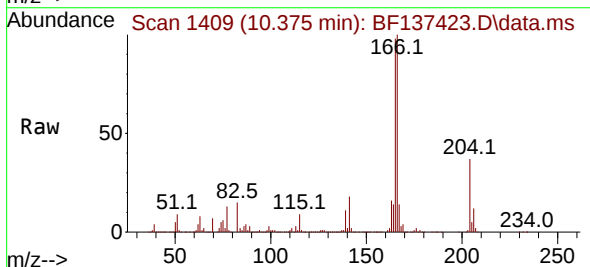
Manual Integrations

APPROVED

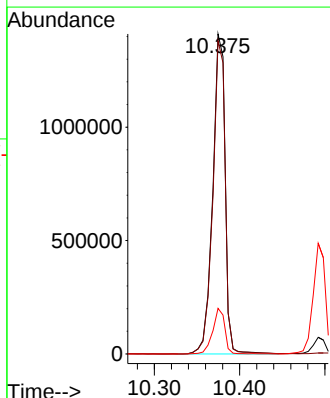
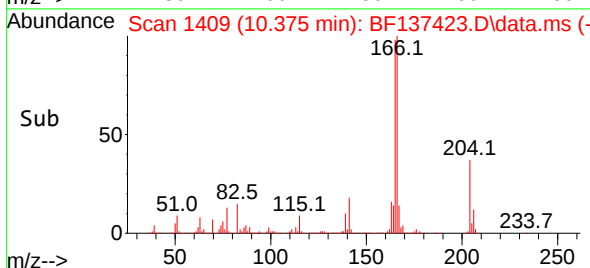
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

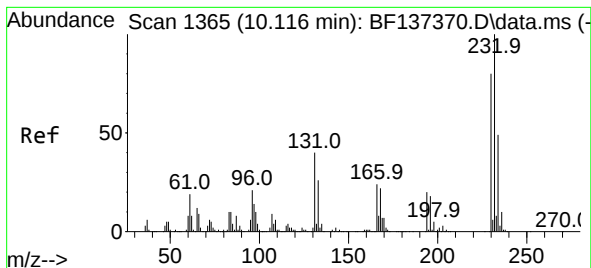


#58
Fluorene
Concen: 41.436 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



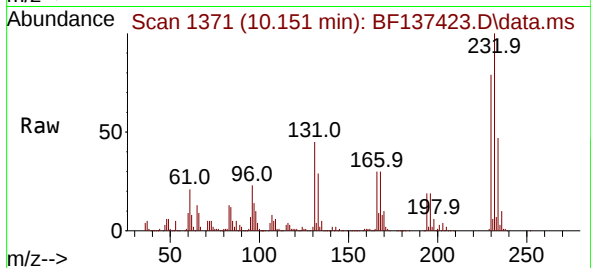
Tgt Ion:166 Resp: 1430914
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 14.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.862 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

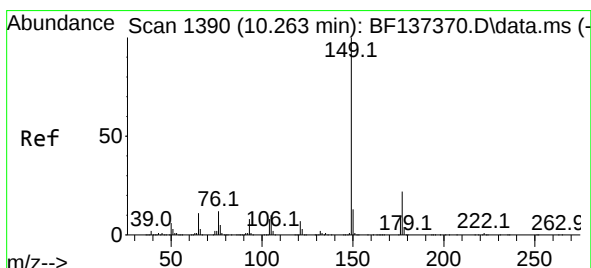
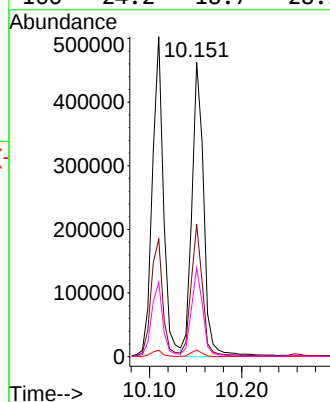
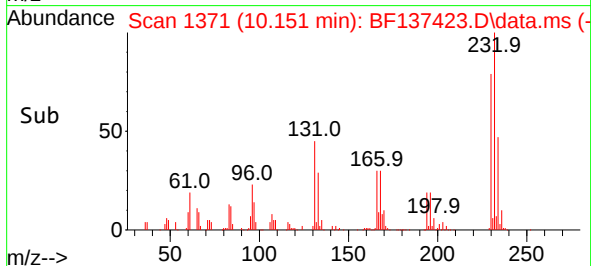
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:232 Resp: 417439
Ion Ratio Lower Upper
232 100
131 39.4 31.1 46.7
130 2.2 1.8 2.6
166 24.2 18.7 28.1

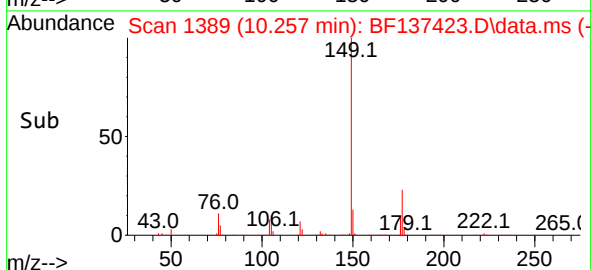
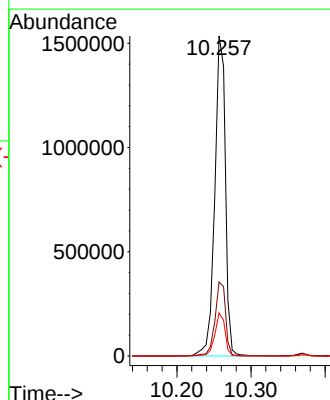
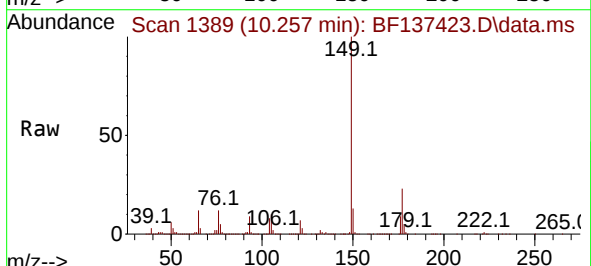
Manual Integrations
APPROVED

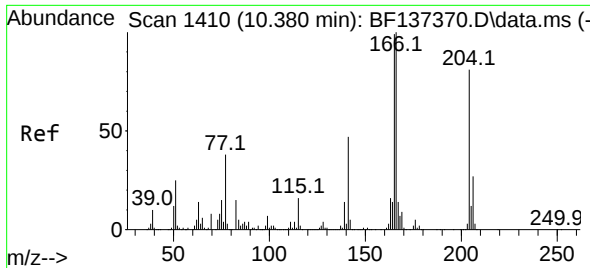
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 43.189 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

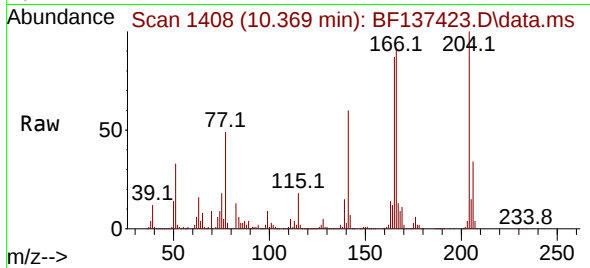
Tgt Ion:149 Resp: 1528150
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 13.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.987 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

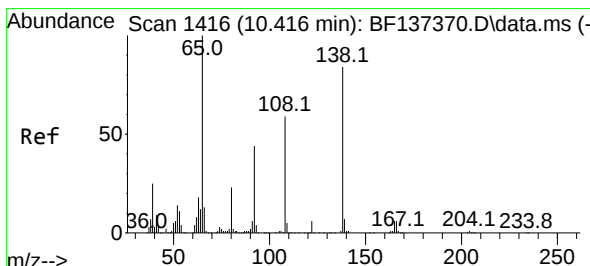
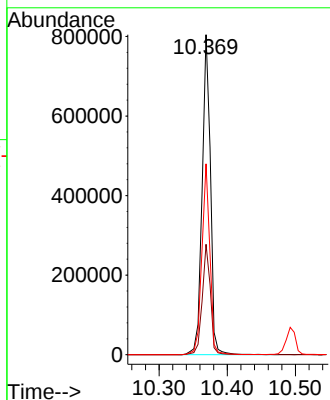
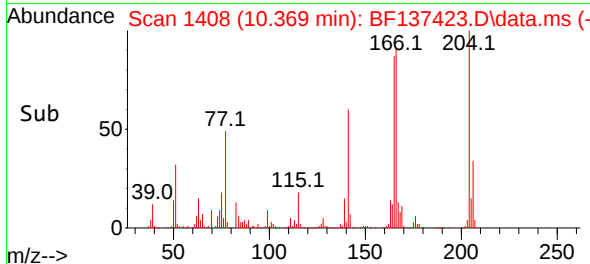
Instrument :
BNA_F
ClientSampleId :
PB159308BS



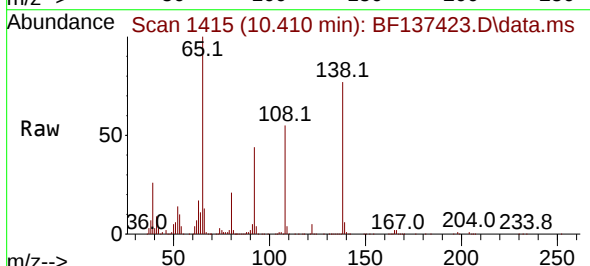
Tgt Ion:204 Resp: 679270
Ion Ratio Lower Upper
204 100
206 34.5 26.8 40.2
141 59.7 46.4 69.6

Manual Integrations
APPROVED

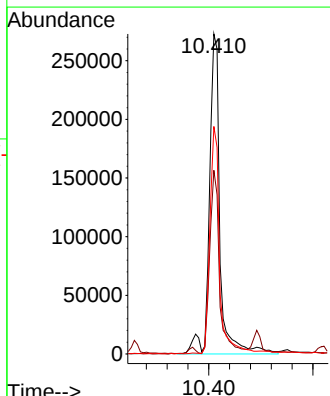
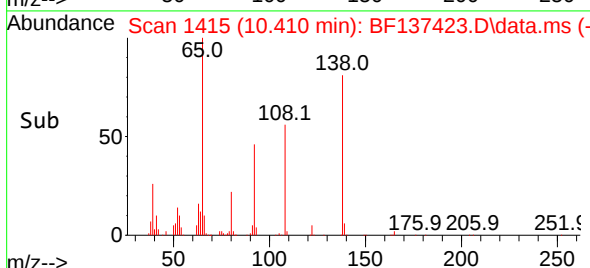
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

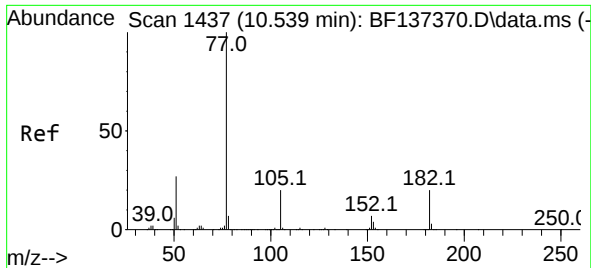


#62
4-Nitroaniline
Concen: 51.365 ng m
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



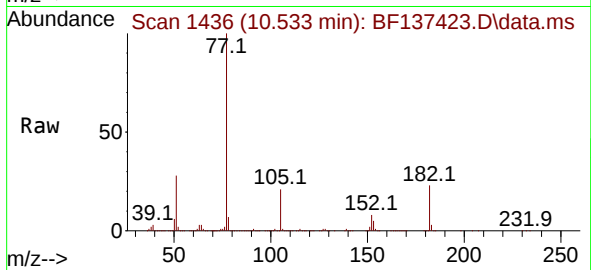
Tgt Ion:138 Resp: 381932
Ion Ratio Lower Upper
138 100
92 57.4 33.4 73.4
108 71.1 50.4 90.4





#63
Azobenzene
Concen: 42.914 ng
RT: 10.533 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

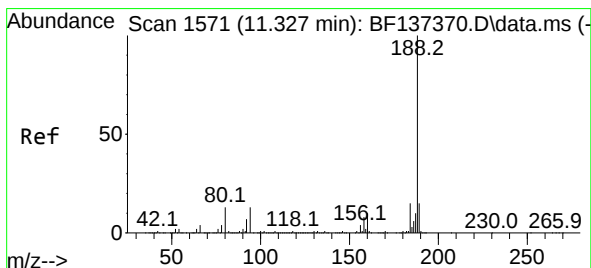
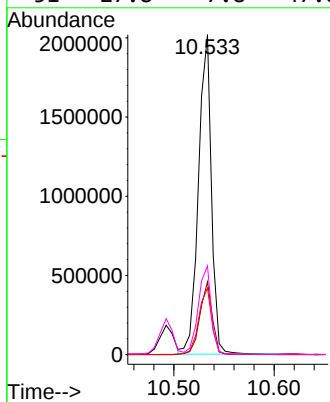
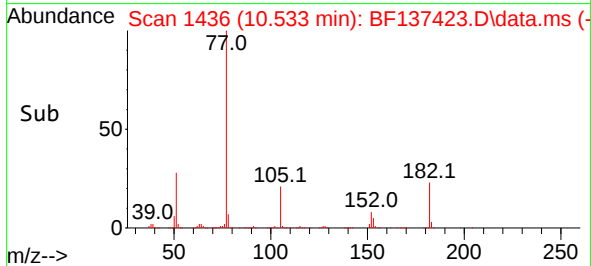
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion: 77 Resp: 181668
Ion Ratio Lower Upper
77 100
182 22.8 0.0 39.6
105 20.9 0.4 40.4
51 27.8 7.8 47.8

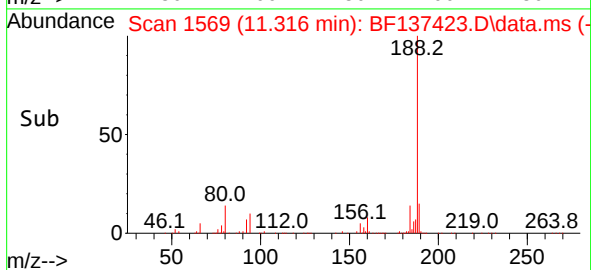
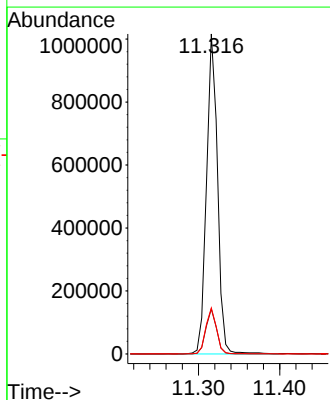
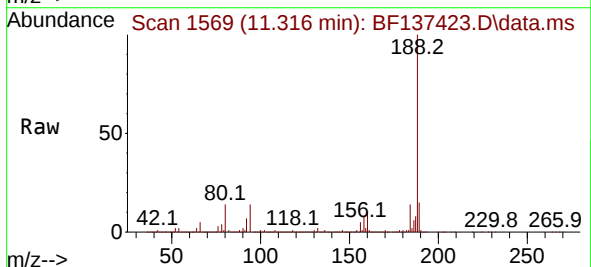
Manual Integrations
APPROVED

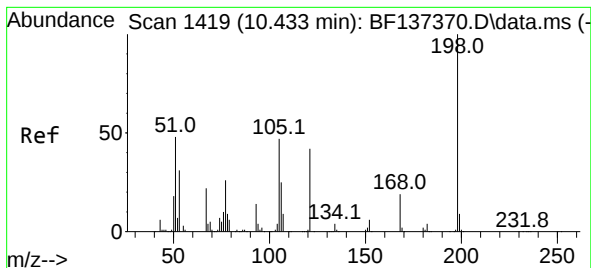
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

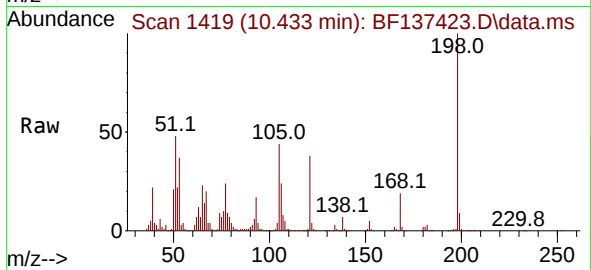
Tgt Ion:188 Resp: 952816
Ion Ratio Lower Upper
188 100
94 14.0 10.2 15.2
80 14.4 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 53.112 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

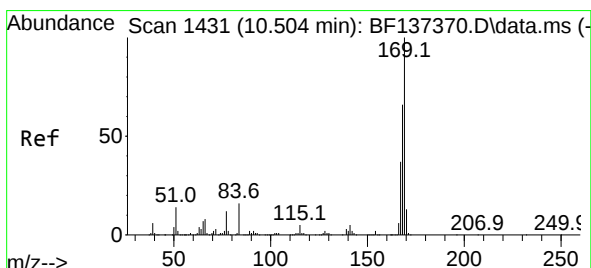
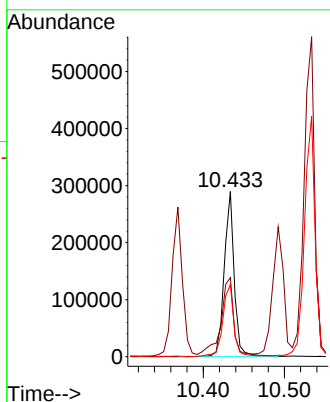
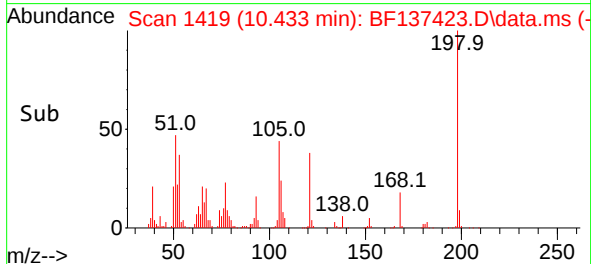
Instrument :
BNA_F
ClientSampleId :
PB159308BS



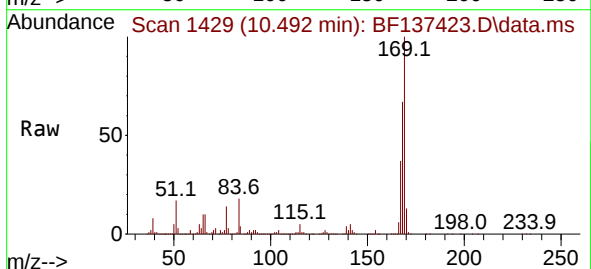
Tgt Ion:198 Resp: 249924
Ion Ratio Lower Upper
198 100
51 47.8 36.8 76.8
105 43.7 28.5 68.5

Manual Integrations
APPROVED

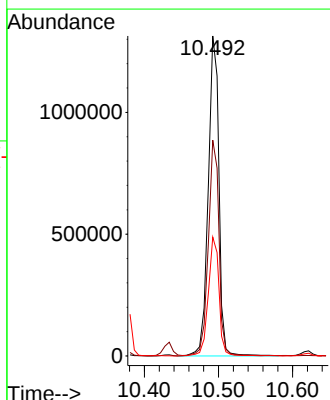
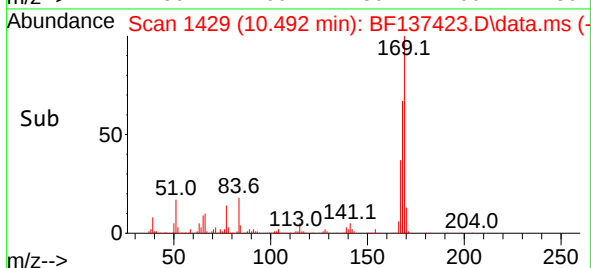
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

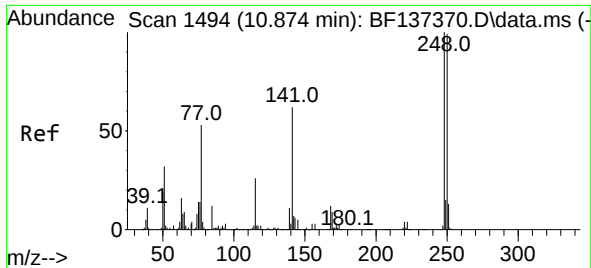


#66
n-Nitrosodiphenylamine
Concen: 42.374 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



Tgt Ion:169 Resp: 1311246
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.4
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.348 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

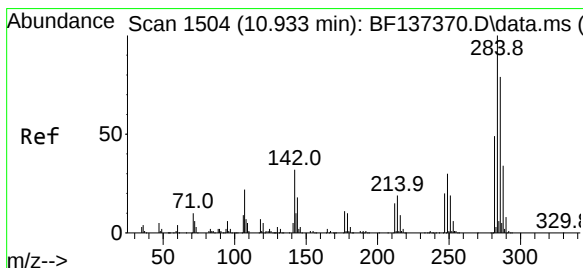
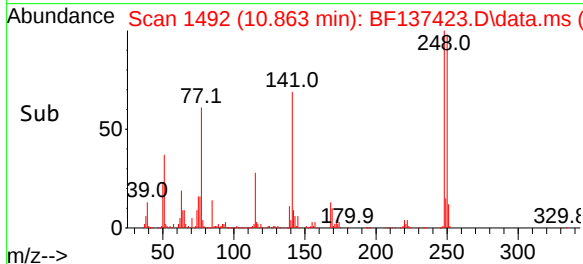
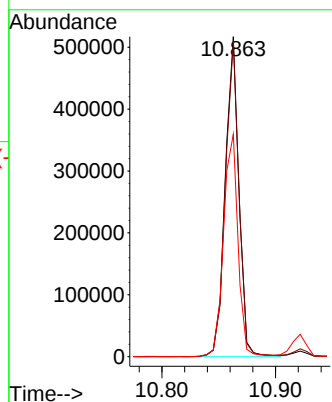
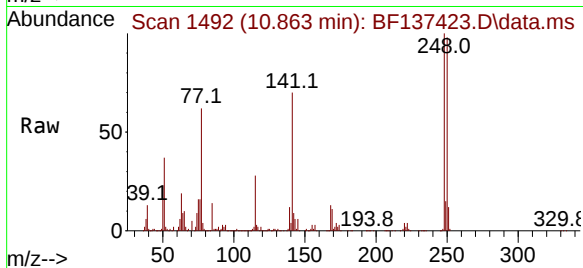
ClientSampleId :

PB159308BS

Tgt Ion:248 Resp: 433778
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 69.5 49.9 74.9

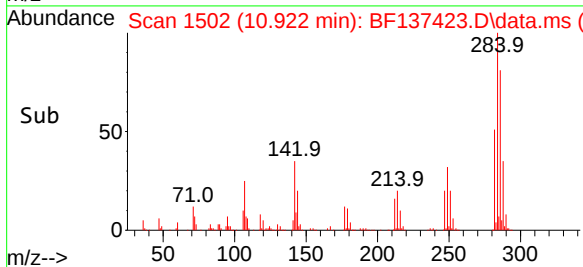
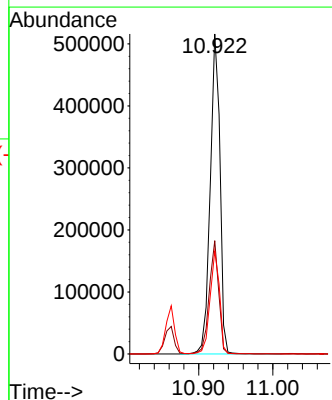
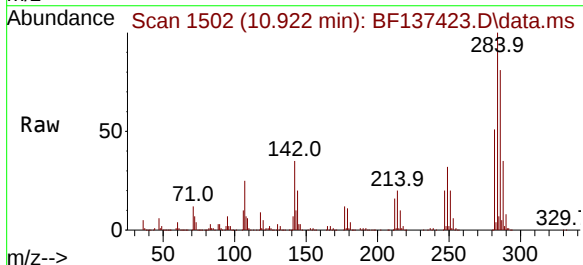
Manual Integrations
APPROVED

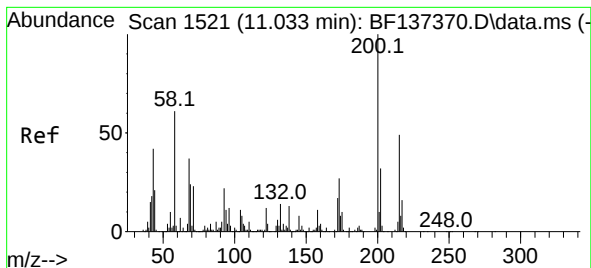
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#68
Hexachlorobenzene
Concen: 44.440 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:284 Resp: 470892
Ion Ratio Lower Upper
284 100
142 35.4 25.4 38.0
249 32.1 24.2 36.4





#69

Atrazine

Concen: 45.942 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

Tgt Ion:200 Resp: 383662

Ion Ratio Lower Upper

200 100

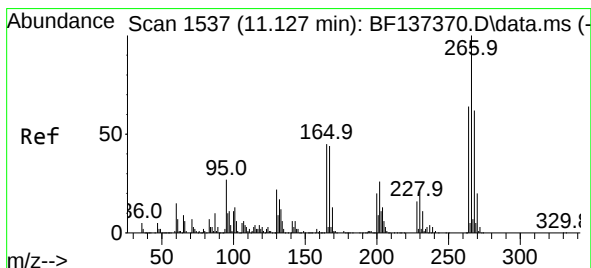
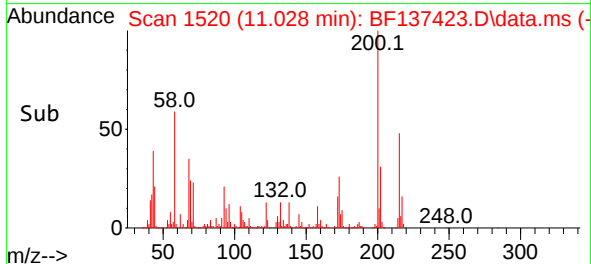
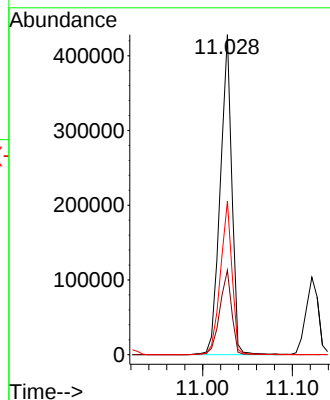
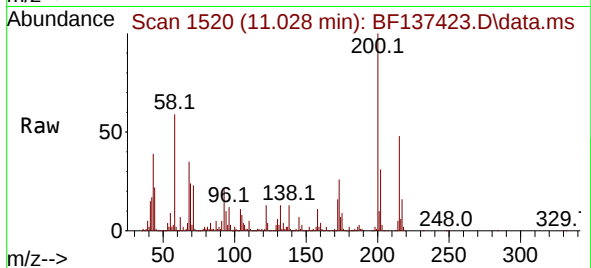
173 26.4 6.8 46.8

215 48.0 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#70

Pentachlorophenol

Concen: 82.637 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

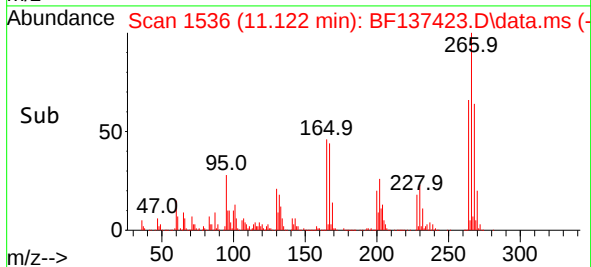
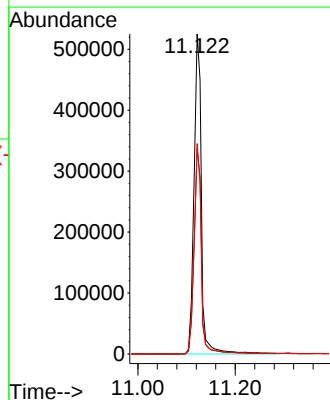
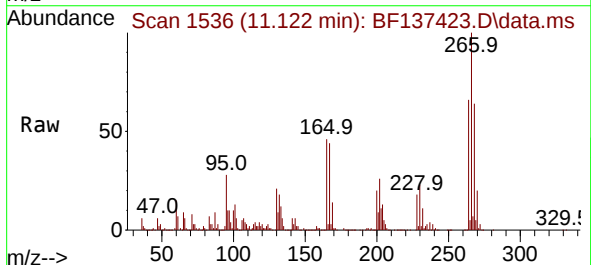
Tgt Ion:266 Resp: 554786

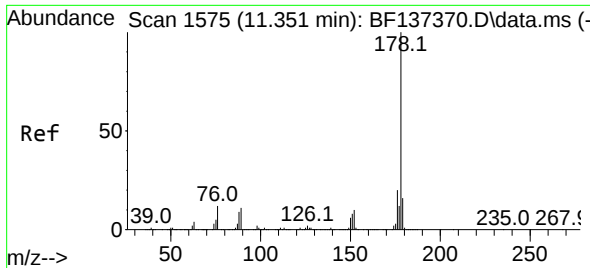
Ion Ratio Lower Upper

266 100

268 64.4 49.4 74.2

264 65.7 51.3 76.9





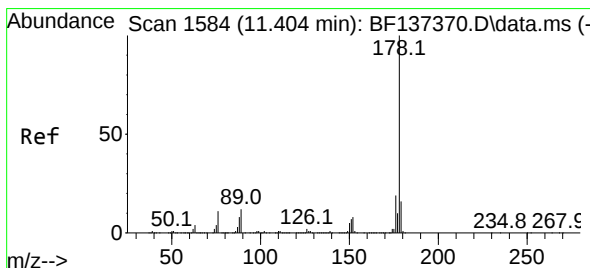
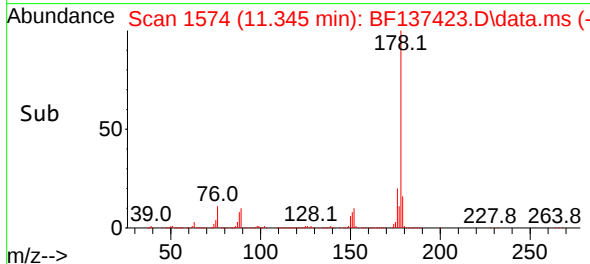
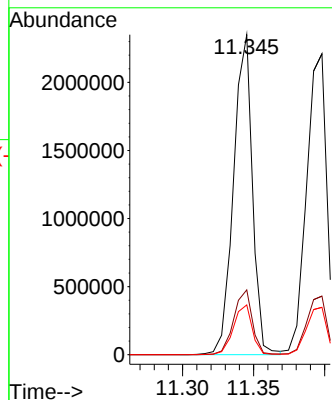
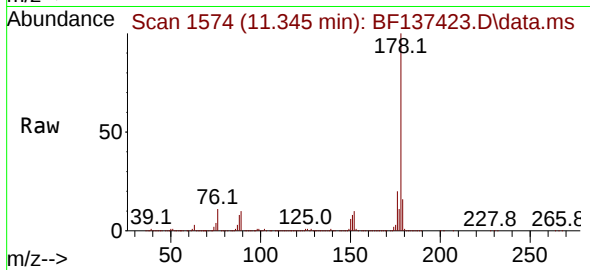
#71
Phenanthrene
Concen: 41.497 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :
BNA_F
ClientSampleId :
PB159308BS

Tgt Ion:178 Resp: 218143
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.6 12.7 19.1

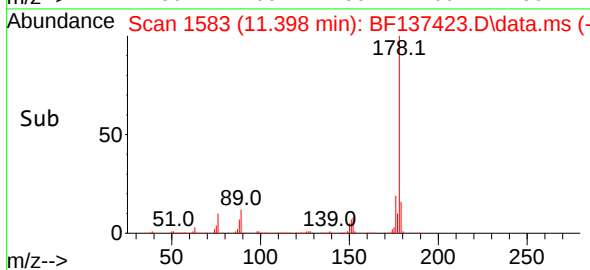
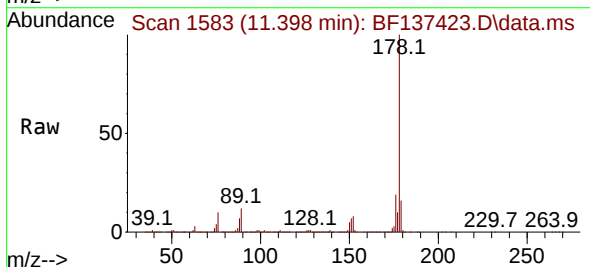
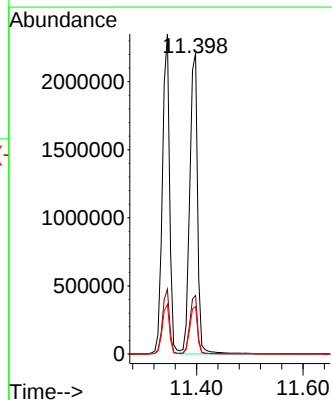
Manual Integrations
APPROVED

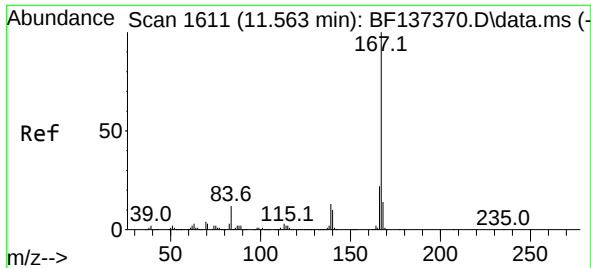
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 41.492 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

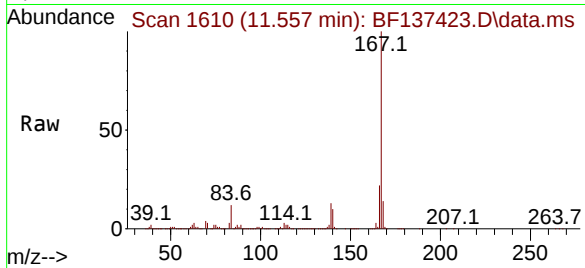
Tgt Ion:178 Resp: 2247795
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 43.704 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF137423.D
 Acq: 28 Feb 2024 15:23

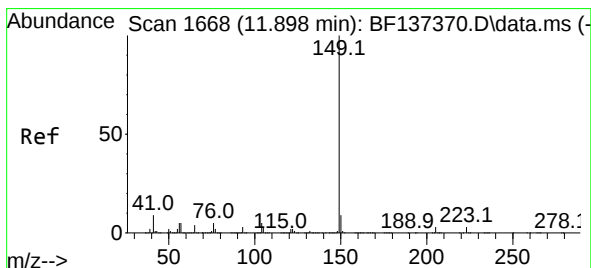
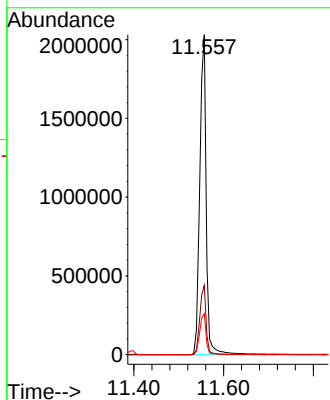
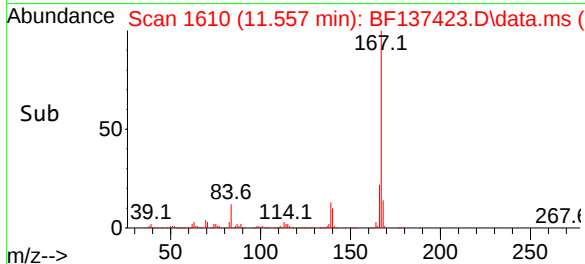
Instrument :
 BNA_F
 ClientSampleId :
 PB159308BS



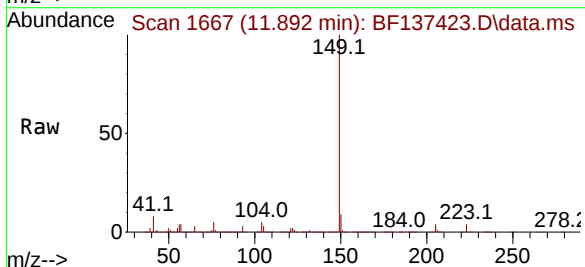
Tgt Ion:167 Resp: 2022915
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.8 10.0 15.0

Manual Integrations
 APPROVED

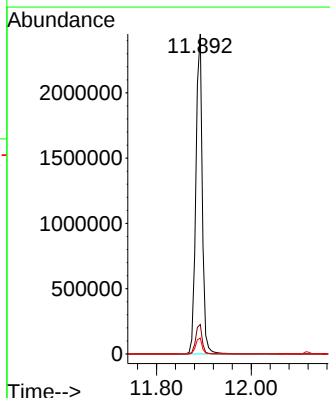
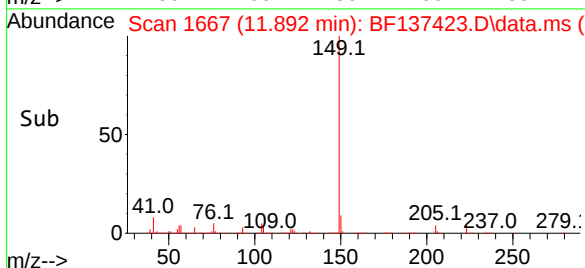
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

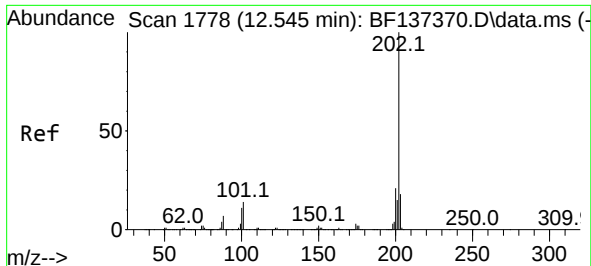


#74
 Di-n-butylphthalate
 Concen: 49.637 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF137423.D
 Acq: 28 Feb 2024 15:23



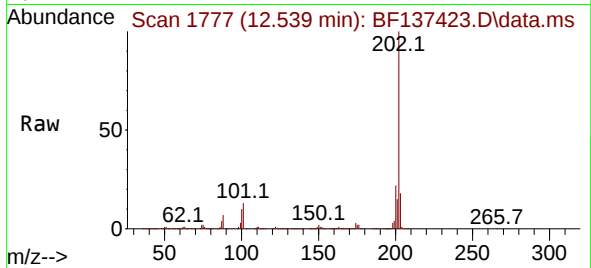
Tgt Ion:149 Resp: 2298908
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 42.800 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

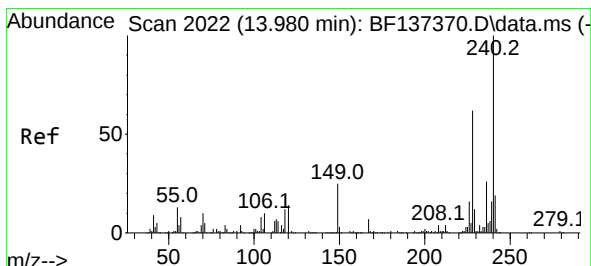
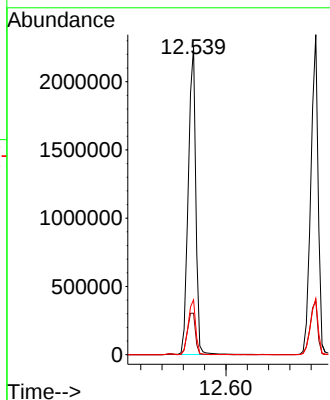
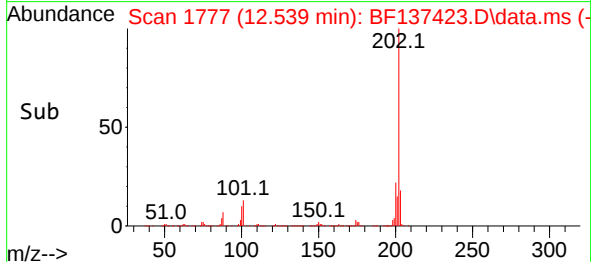
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:202 Resp: 2196189
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.9
203 17.8 0.0 37.8

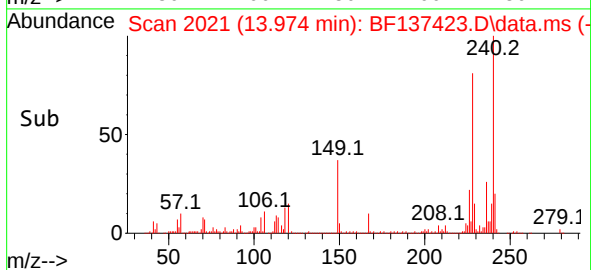
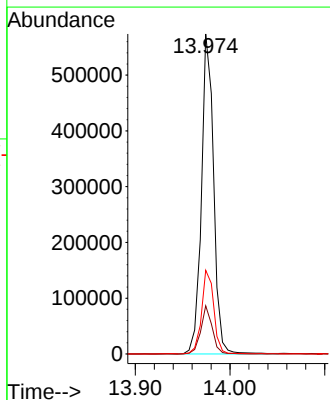
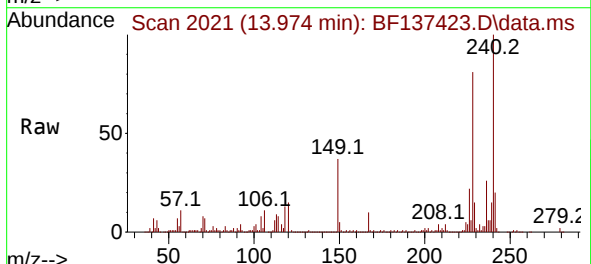
Manual Integrations
APPROVED

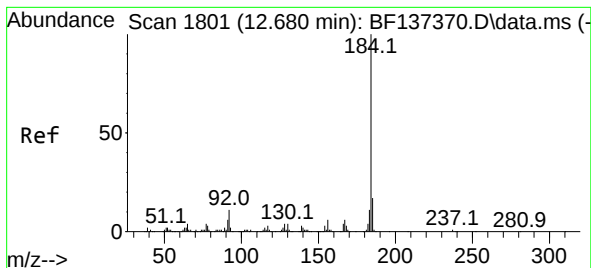
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:240 Resp: 514852
Ion Ratio Lower Upper
240 100
120 15.1 11.3 16.9
236 26.2 20.5 30.7





#77

Benzidine

Concen: 39.473 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

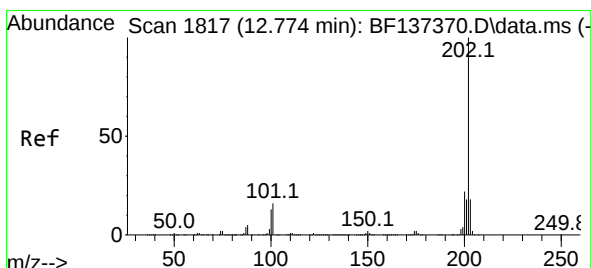
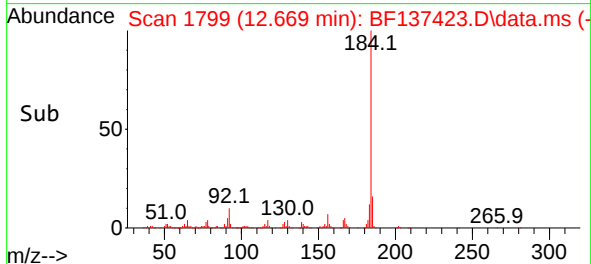
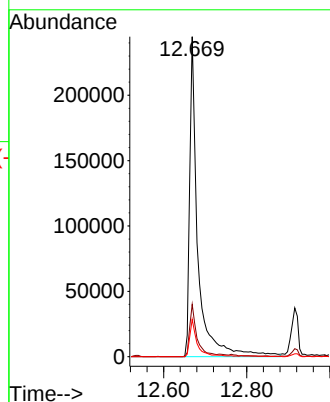
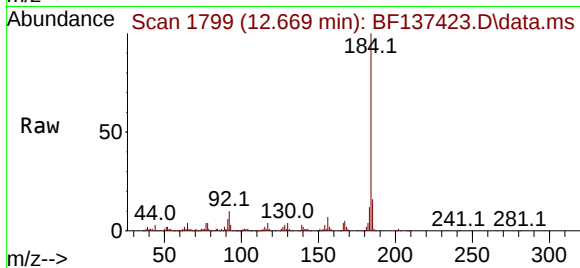
PB159308BS

Tgt Ion:184 Resp: 334340
 Ion Ratio Lower Upper
 184 100
 185 16.4 13.7 20.5
 183 11.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#78

Pyrene

Concen: 46.122 ng

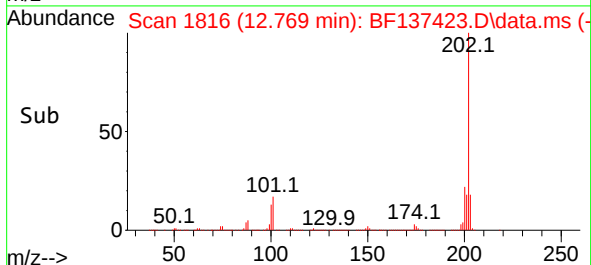
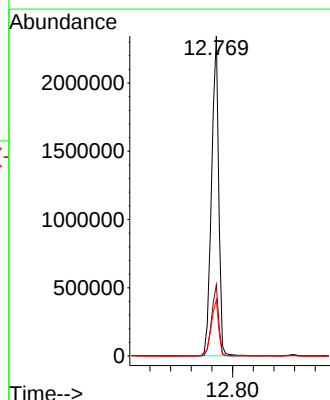
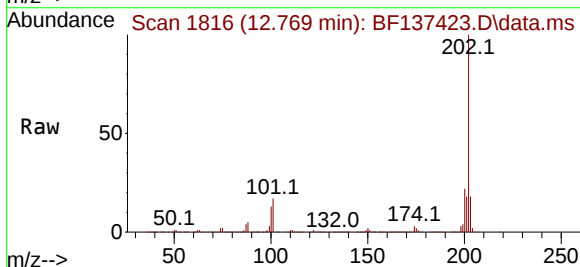
RT: 12.769 min Scan# 1816

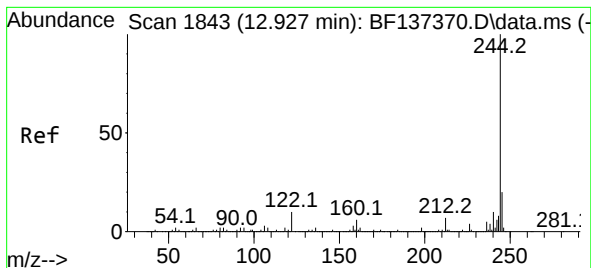
Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

Tgt Ion:202 Resp: 2245347
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 85.261 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137423.D

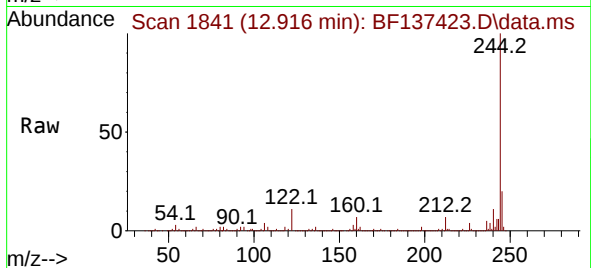
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS



Tgt Ion:244 Resp: 313844

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

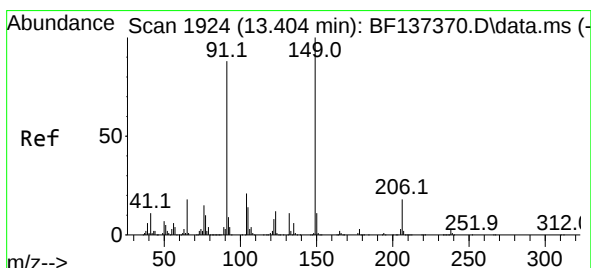
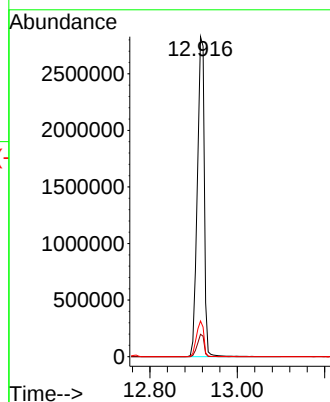
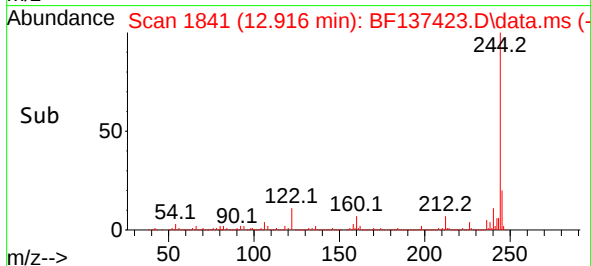
122 11.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#80

Butylbenzylphthalate

Concen: 70.556 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137423.D

Acq: 28 Feb 2024 15:23

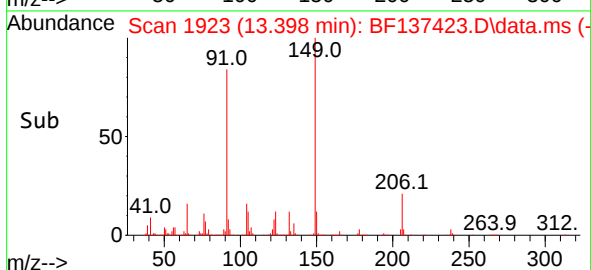
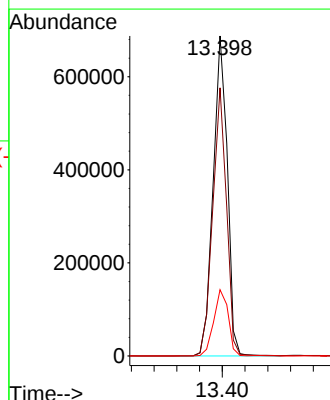
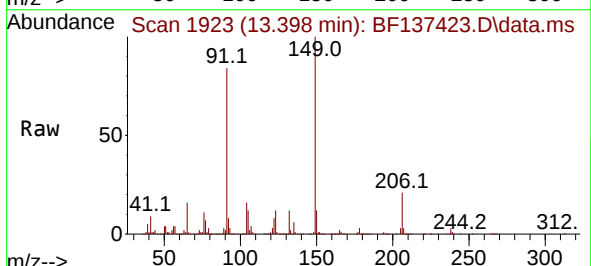
Tgt Ion:149 Resp: 594679

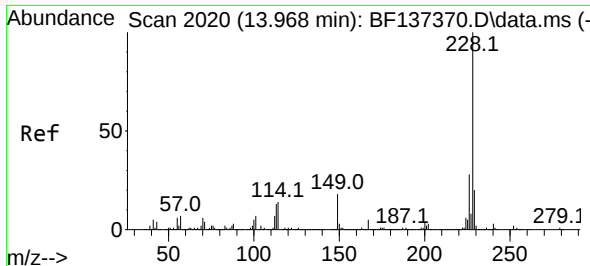
Ion Ratio Lower Upper

149 100

91 83.8 70.5 105.7

206 20.7 14.8 22.2





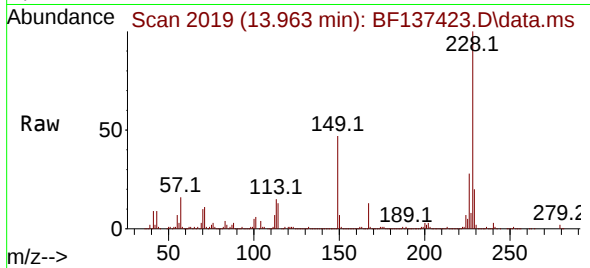
#81
Benzo(a)anthracene
Concen: 46.003 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

PB159308BS

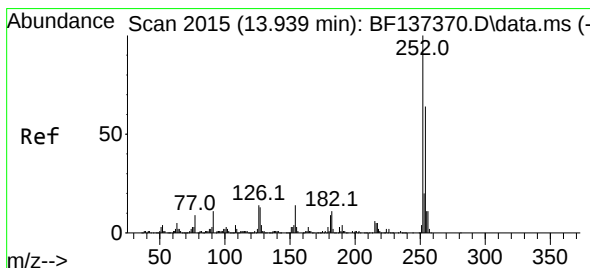
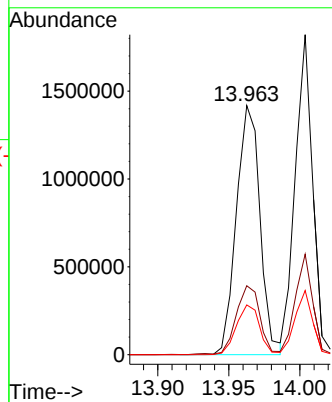
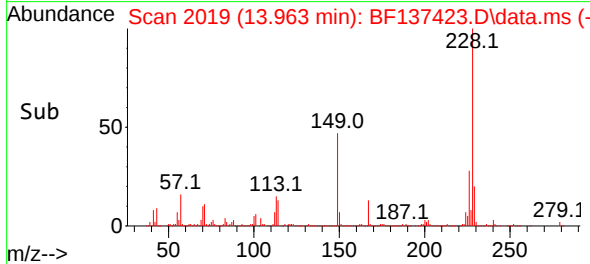


Tgt Ion:228 Resp: 1643510
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.7 23.5

Manual Integrations

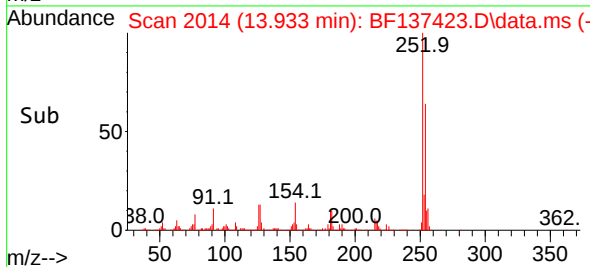
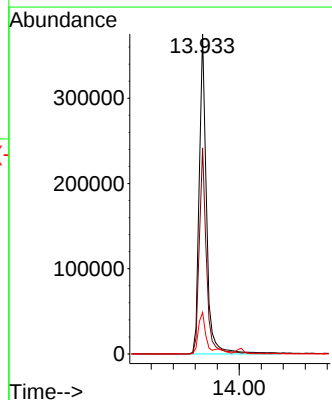
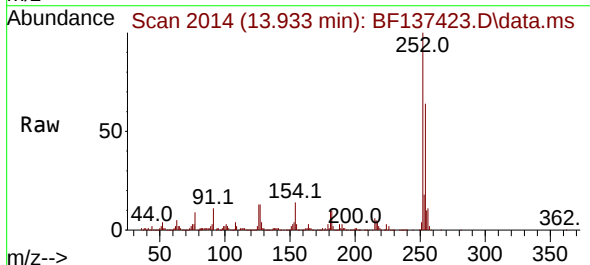
APPROVED

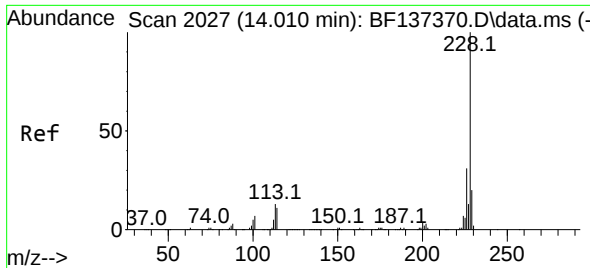
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.288 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:252 Resp: 346727
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 13.0 11.1 16.7





#83
Chrysene
Concen: 43.529 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

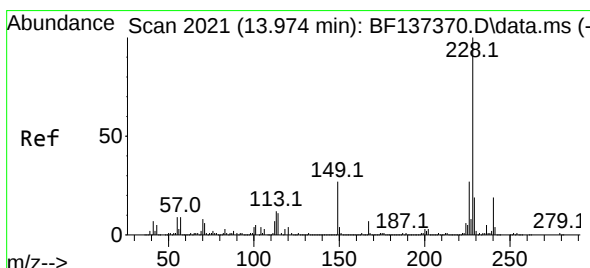
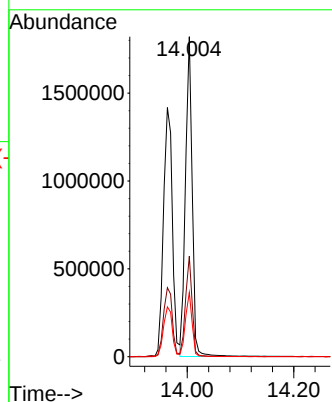
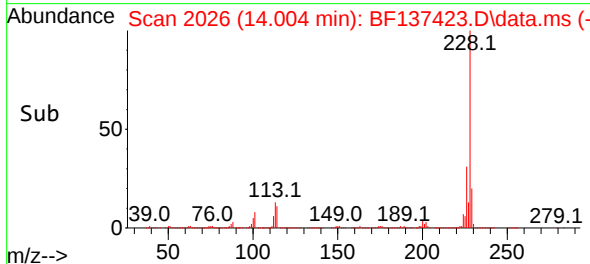
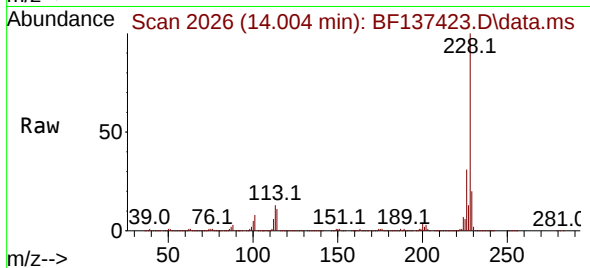
PB159308BS

Tgt Ion:228 Resp: 158862
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.1 15.8 23.8

Manual Integrations

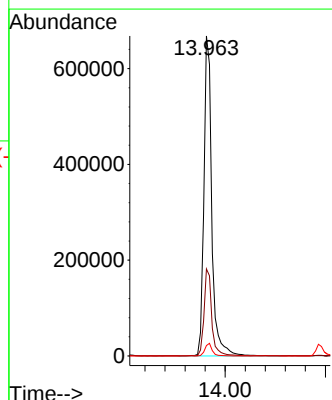
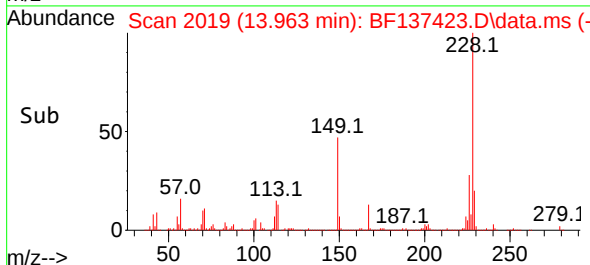
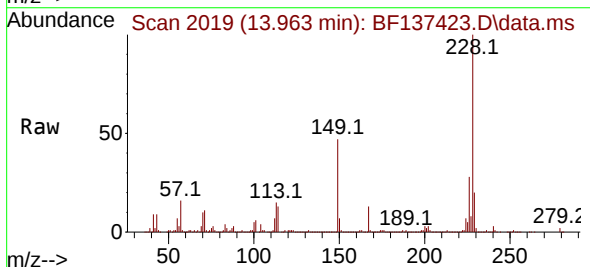
APPROVED

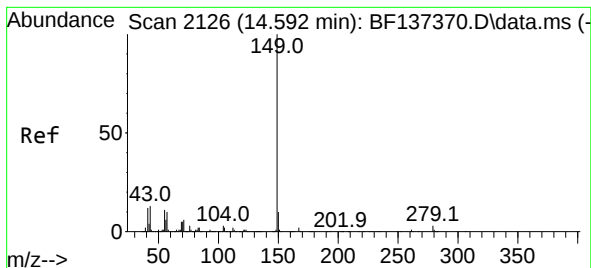
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 69.122 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

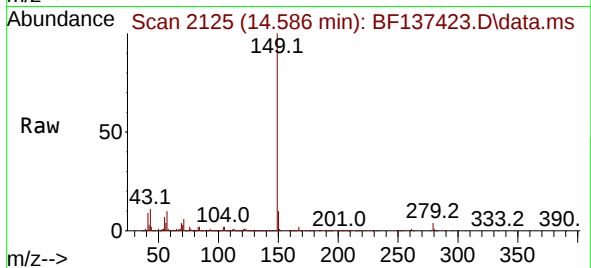
Tgt Ion:149 Resp: 728833
Ion Ratio Lower Upper
149 100
167 27.2 20.6 31.0
279 3.3 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 62.469 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

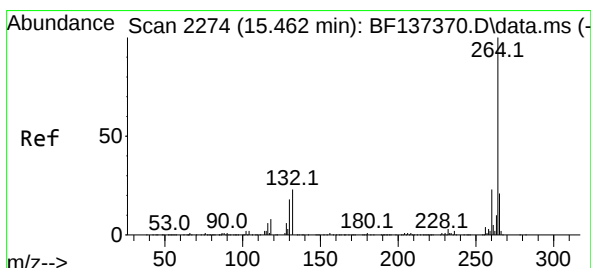
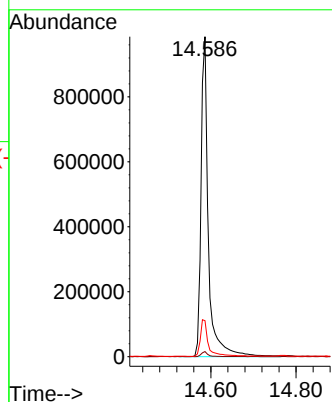
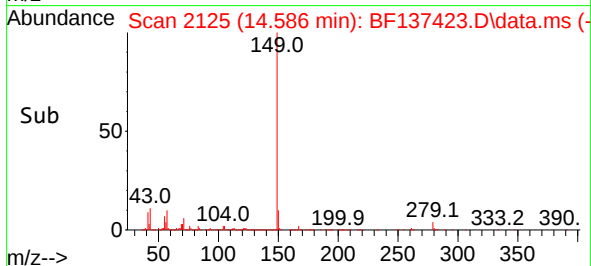
Instrument :
BNA_F
ClientSampleId :
PB159308BS



Tgt Ion:149 Resp: 117158
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.4 13.7 20.5

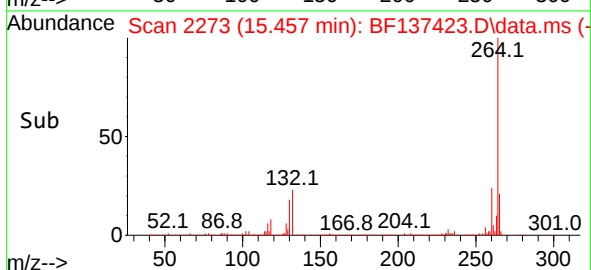
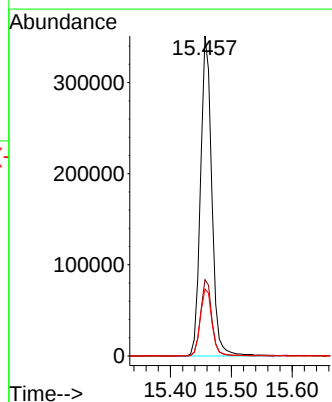
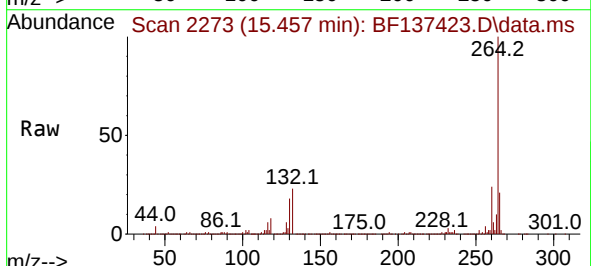
Manual Integrations
APPROVED

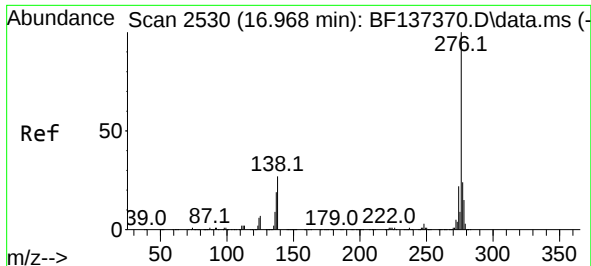
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

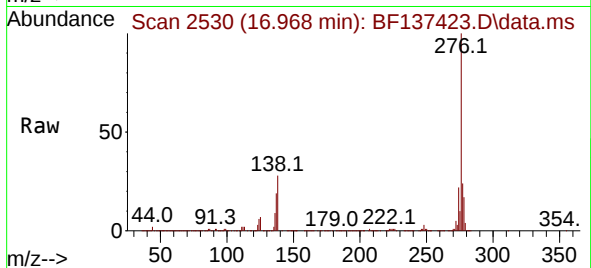
Tgt Ion:264 Resp: 450477
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 20.9 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.965 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

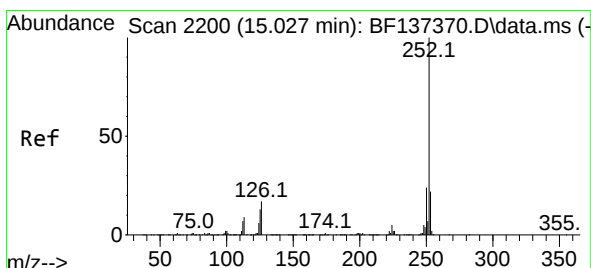
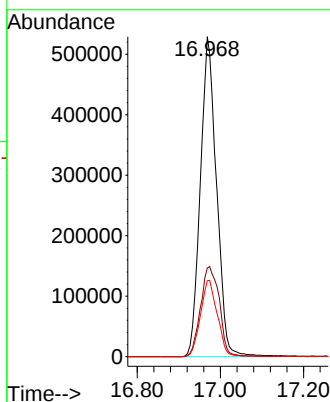
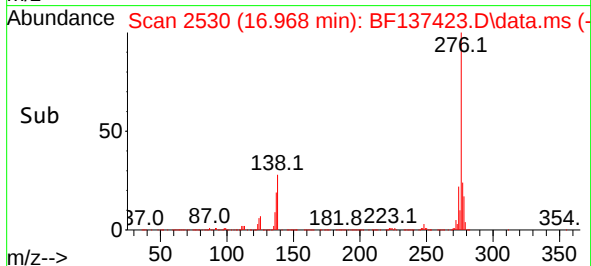
Instrument :
BNA_F
ClientSampleId :
PB159308BS



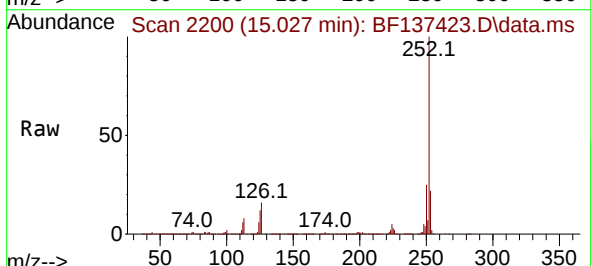
Tgt Ion:276 Resp: 1431190
Ion Ratio Lower Upper
276 100
138 32.7 25.8 38.8
277 24.9 19.6 29.4

Manual Integrations
APPROVED

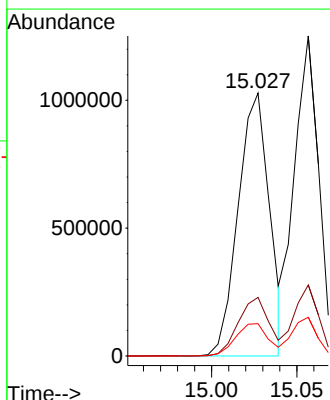
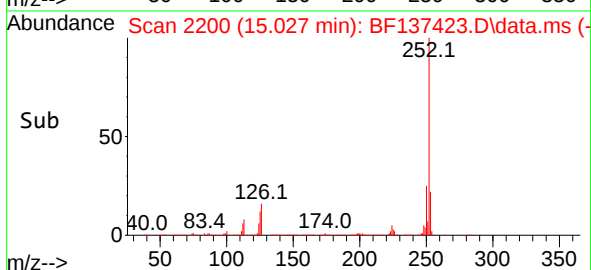
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

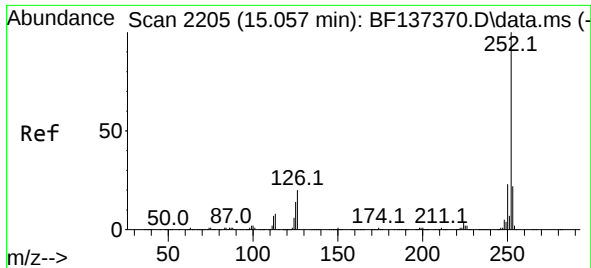


#88
Benzo(b)fluoranthene
Concen: 47.440 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23



Tgt Ion:252 Resp: 1310985
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.3 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 44.419 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

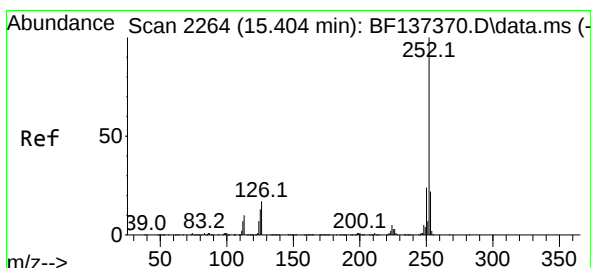
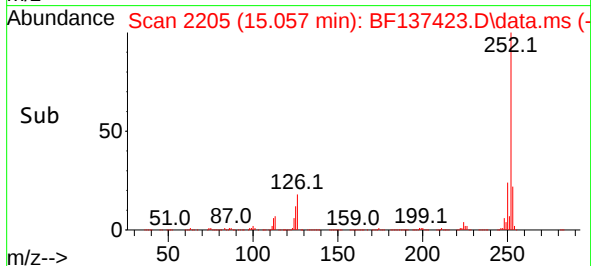
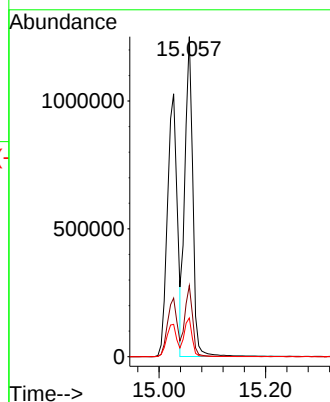
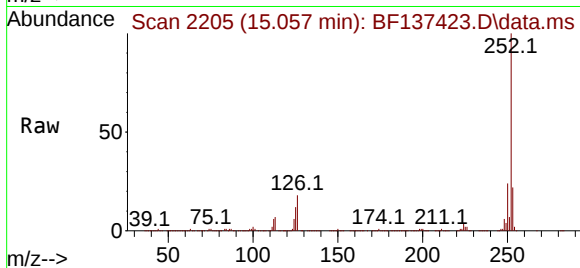
PB159308BS

Tgt Ion:252 Resp: 1286540
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.1 10.7 16.1

Manual Integrations

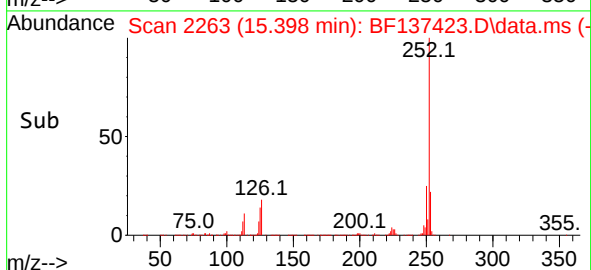
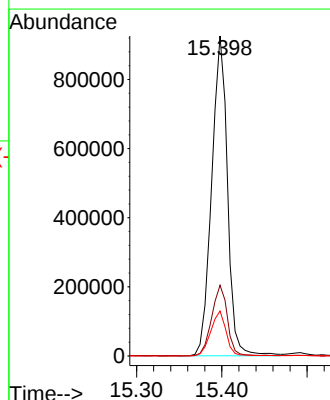
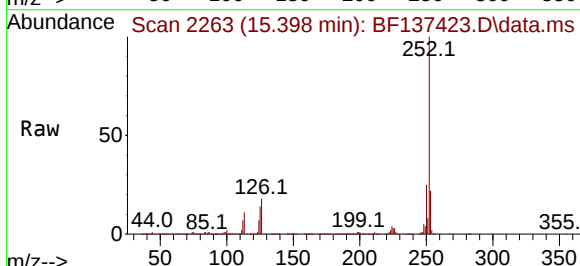
APPROVED

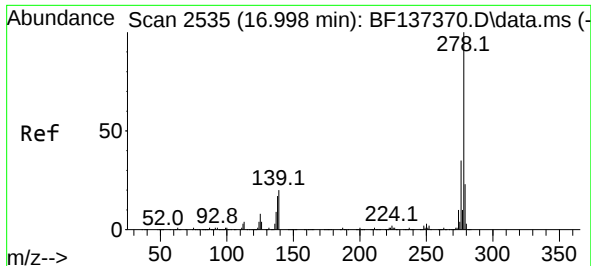
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90
Benzo(a)pyrene
Concen: 45.501 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:252 Resp: 1192678
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 14.0 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 45.136 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Instrument :

BNA_F

ClientSampleId :

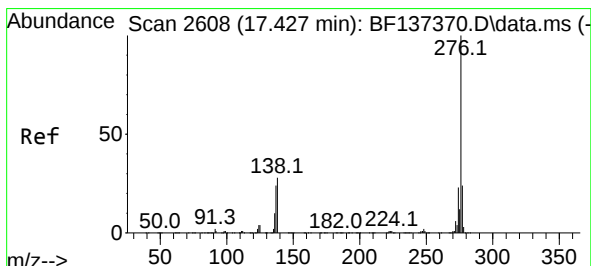
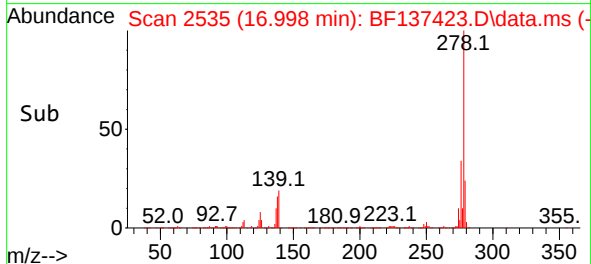
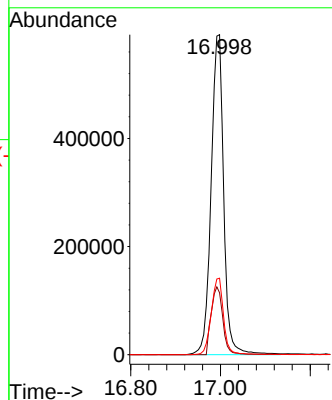
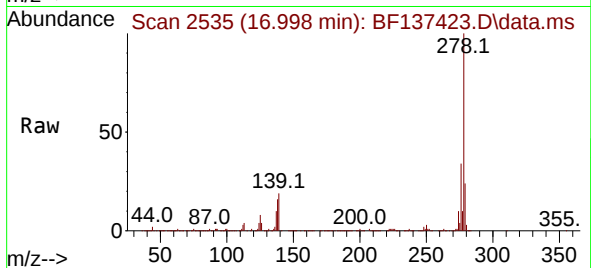
PB159308BS

Tgt Ion:278 Resp: 115112
Ion Ratio Lower Upper
278 100
139 19.4 16.2 24.4
279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#92
Benzo(g,h,i)perylene
Concen: 44.040 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137423.D
Acq: 28 Feb 2024 15:23

Tgt Ion:276 Resp: 1158910
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 29.2 22.6 33.8

