

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137099.D
 Acq On : 17 Jan 2024 18:06
 Operator : CG\JU
 Sample : P1139-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 18 01:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	59069	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	234813	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	120259	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	197192	20.000	ng	0.00
76) Chrysene-d12	13.974	240	118806	20.000	ng	0.00
86) Perylene-d12	15.462	264	113349	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	462018	122.040	ng	0.02
7) Phenol-d6	6.445	99	548869	111.889	ng	0.00
23) Nitrobenzene-d5	7.357	82	388283	84.616	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	162859	114.988	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	784417	87.730	ng	-0.01
79) Terphenyl-d14	12.910	244	669784	78.784	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	61799	39.178	ng	# 80
3) Pyridine	3.487	79	114653	29.791	ng	96
4) n-Nitrosodimethylamine	3.416	42	83755	40.752	ng	99
6) Aniline	6.457	93	45154	9.207	ng	# 1
8) 2-Chlorophenol	6.581	128	187071	45.155	ng	96
9) Benzaldehyde	6.345	77	20962	7.513	ng	97
10) Phenol	6.457	94	195534	37.340	ng	89
11) bis(2-Chloroethyl)ether	6.528	93	173839	43.652	ng	96
12) 1,3-Dichlorobenzene	6.728	146	187833	41.561	ng	98
13) 1,4-Dichlorobenzene	6.804	146	192779	41.746	ng	97
14) 1,2-Dichlorobenzene	6.951	146	181345	42.203	ng	98
15) Benzyl Alcohol	6.939	79	154176	46.587	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	272438	41.843	ng	58
17) 2-Methylphenol	7.057	107	145623	42.430	ng	# 92
18) Hexachloroethane	7.287	117	64971	38.741	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	130212	43.788	ng	95
20) 3+4-Methylphenols	7.210	107	192262	44.839	ng	# 56
22) Acetophenone	7.198	105	269040	45.712	ng	# 88
24) Nitrobenzene	7.375	77	191460	41.651	ng	93
25) Isophorone	7.610	82	354433	42.448	ng	100
26) 2-Nitrophenol	7.686	139	97182	44.188	ng	98
27) 2,4-Dimethylphenol	7.728	122	146266	54.628	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	221517	43.645	ng	99
29) 2,4-Dichlorophenol	7.934	162	152688	44.295	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	162630	42.344	ng	98
31) Naphthalene	8.086	128	547113	42.412	ng	99
32) Benzoic acid	7.886	122	105814	40.844	ng	97
33) 4-Chloroaniline	8.139	127	21487	4.511	ng	96
34) Hexachlorobutadiene	8.192	225	94282	40.404	ng	96
35) Caprolactam	8.528	113	44802m	39.398	ng	
36) 4-Chloro-3-methylphenol	8.639	107	166445	42.891	ng	96
37) 2-Methylnaphthalene	8.775	142	353377	42.565	ng	98
38) 1-Methylnaphthalene	8.875	142	338998	41.620	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	173808	46.668	ng	100
41) Hexachlorocyclopentadiene	8.922	237	41567	37.759	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	109286	45.755	ng	94

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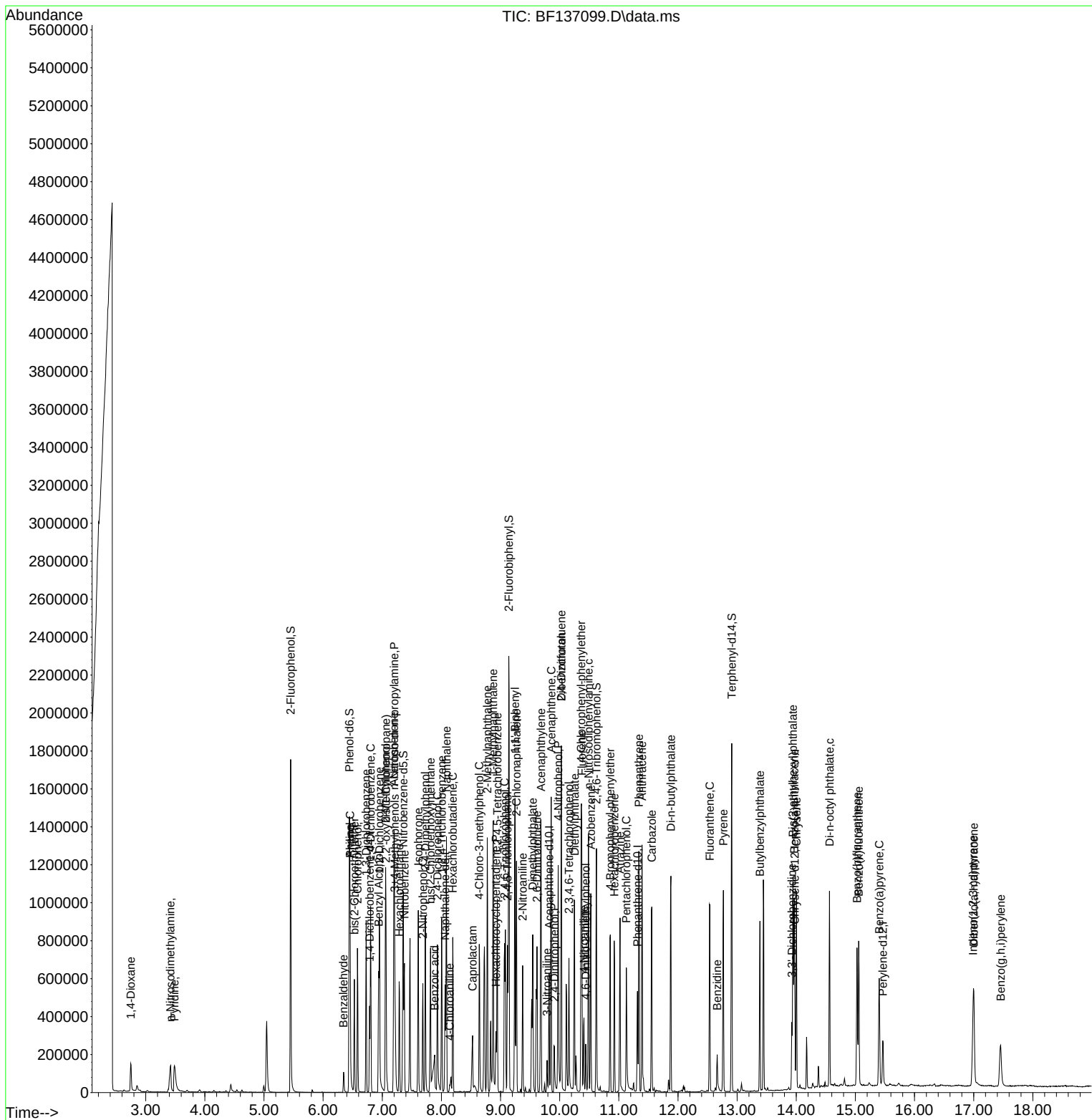
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	112481	42.260	ng	98
46) 1,1'-Biphenyl	9.245	154	466214	46.198	ng	99
47) 2-Chloronaphthalene	9.269	162	332517	43.343	ng	99
48) 2-Nitroaniline	9.375	65	105866	44.067	ng	96
49) Acenaphthylene	9.686	152	550891	46.980	ng	100
50) Dimethylphthalate	9.545	163	401869	45.750	ng	99
51) 2,6-Dinitrotoluene	9.616	165	86761	43.521	ng	# 88
52) Acenaphthene	9.857	154	313566	43.138	ng	99
53) 3-Nitroaniline	9.786	138	26668	12.628	ng	94
54) 2,4-Dinitrophenol	9.910	184	43993	41.694	ng	96
55) Dibenzofuran	10.028	168	473874	43.007	ng	99
56) 4-Nitrophenol	9.975	139	83783	58.771	ng	90
57) 2,4-Dinitrotoluene	10.028	165	106331	41.086	ng	# 89
58) Fluorene	10.375	166	377802	43.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	90641	44.239	ng	96
60) Diethylphthalate	10.251	149	406128	44.561	ng	98
61) 4-Chlorophenyl-phenylether	10.363	204	186784	43.953	ng	96
62) 4-Nitroaniline	10.410	138	66961	32.892	ng	90
63) Azobenzene	10.527	77	353974	41.583	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	31823	28.159	ng	98
66) n-Nitrosodiphenylamine	10.486	169	334119	52.160	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	107813	49.230	ng	94
68) Hexachlorobenzene	10.922	284	112884	46.254	ng	94
69) Atrazine	11.022	200	103632	63.252	ng	98
70) Pentachlorophenol	11.127	266	89554	78.725	ng	99
71) Phenanthrene	11.339	178	475765	47.021	ng	99
72) Anthracene	11.392	178	482088	47.047	ng	98
73) Carbazole	11.557	167	429583	44.466	ng	99
74) Di-n-butylphthalate	11.880	149	606645	51.460	ng	98
75) Fluoranthene	12.539	202	433863	40.088	ng	99
77) Benzidine	12.663	184	86105	24.580	ng	99
78) Pyrene	12.769	202	437285	37.494	ng	100
80) Butylbenzylphthalate	13.386	149	194255	45.774	ng	98
81) Benzo(a)anthracene	13.968	228	385941	46.782	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	73300	31.287	ng	97
83) Chrysene	14.004	228	355360	44.049	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	280952	52.618	ng	96
85) Di-n-octyl phthalate	14.563	149	471653	57.106	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	281302	34.372	ng	99
88) Benzo(b)fluoranthene	15.027	252	365610	48.293	ng	99
89) Benzo(k)fluoranthene	15.057	252	310701	43.433	ng	99
90) Benzo(a)pyrene	15.404	252	287954	45.060	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	245794	36.609	ng	97
92) Benzo(g,h,i)perylene	17.456	276	214726	31.225	ng	99

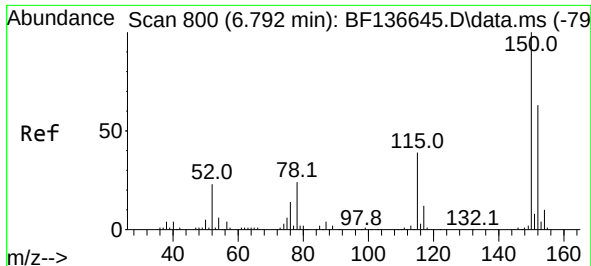
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Supervised By :mohammad ahmed 01/19/2024

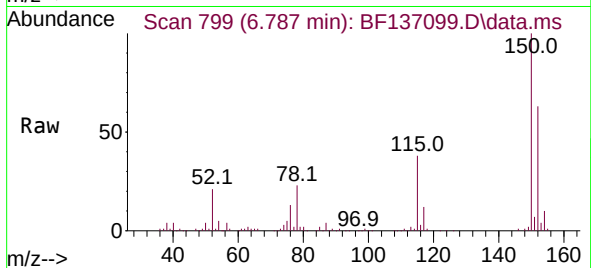
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

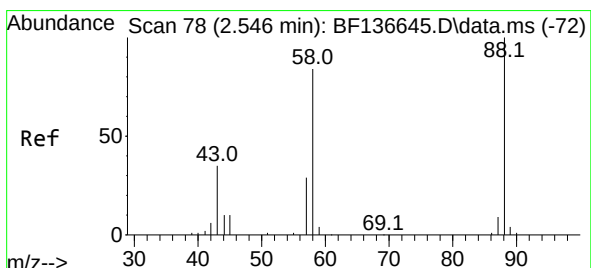
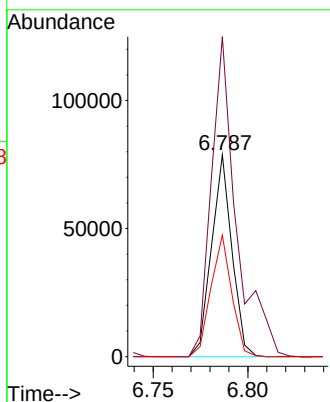
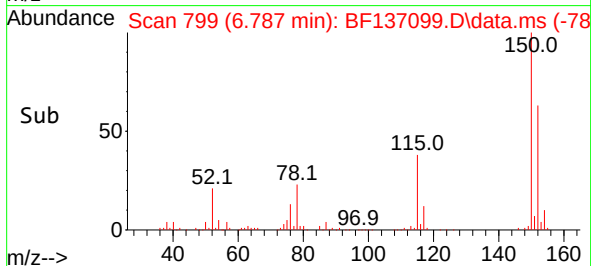
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:152 Resp: 59069
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 60.2 49.0 73.4

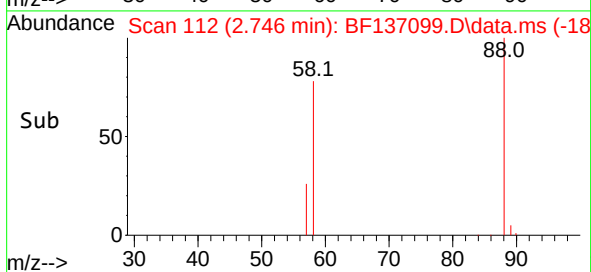
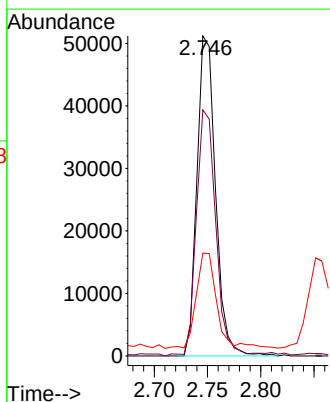
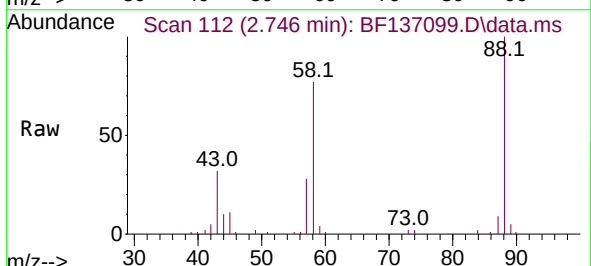
Manual Integrations
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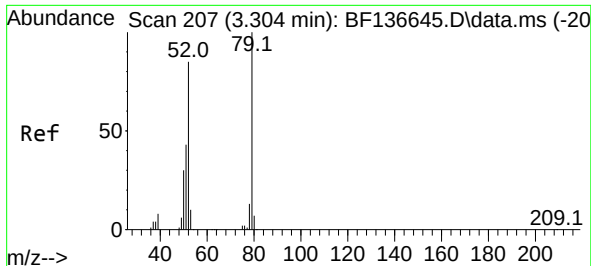
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#2
1,4-Dioxane
Concen: 39.178 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.200 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

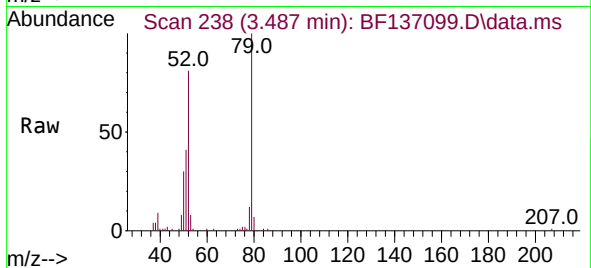
Tgt Ion: 88 Resp: 61799
Ion Ratio Lower Upper
88 100
58 80.9 67.4 101.0
43 0.0 27.7 41.5





#3
Pyridine
Concen: 29.791 ng
RT: 3.487 min Scan# 23
Delta R.T. 0.182 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

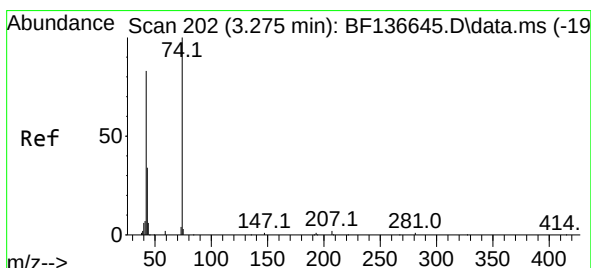
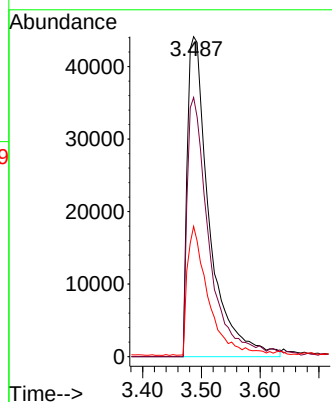
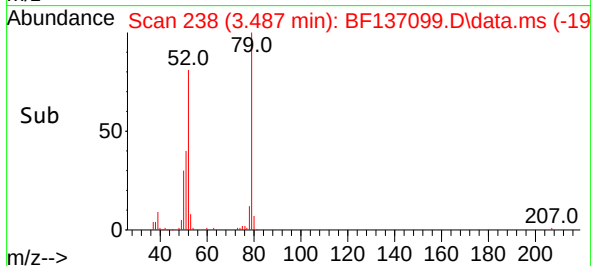
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



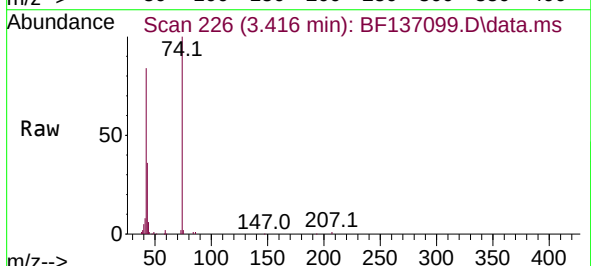
Tgt Ion: 79 Resp: 114653
Ion Ratio Lower Upper
79 100
52 81.0 67.7 101.5
51 40.7 34.0 51.0

Manual Integrations
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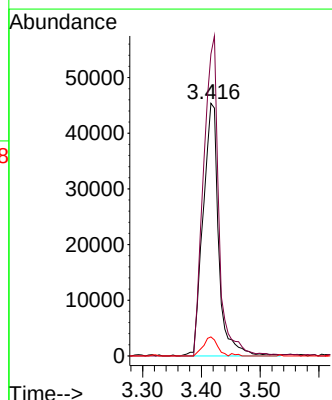
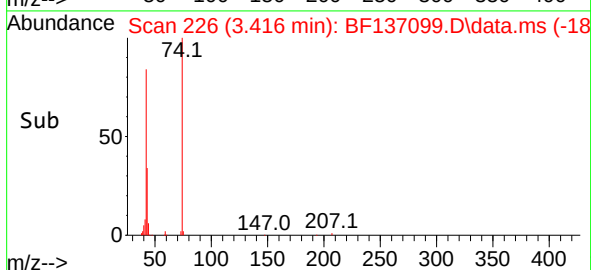
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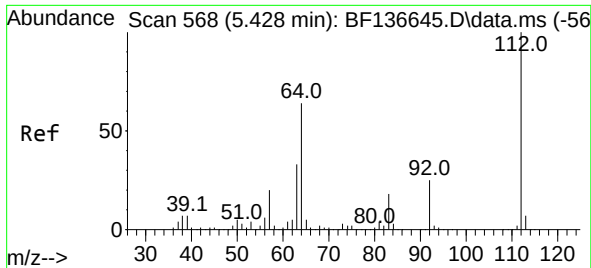


#4
n-Nitrosodimethylamine
Concen: 40.752 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.141 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion: 42 Resp: 83755
Ion Ratio Lower Upper
42 100
74 119.5 96.0 144.0
44 7.5 5.4 8.2





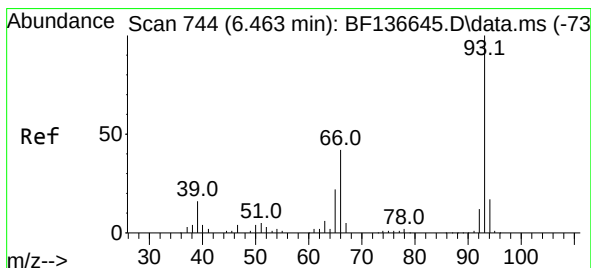
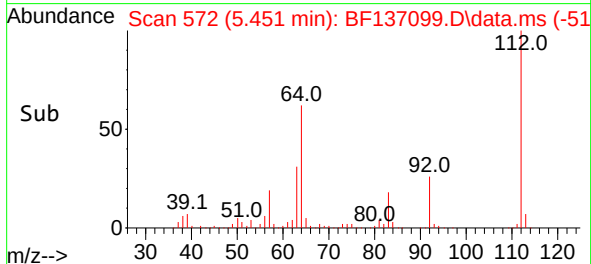
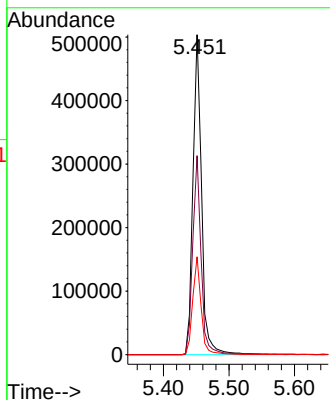
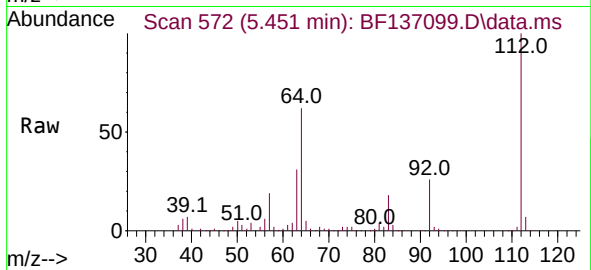
#5
2-Fluorophenol
Concen: 122.040 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
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MR-314-0-2MSD

Tgt Ion:112 Resp: 462018
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 30.6 26.1 39.1

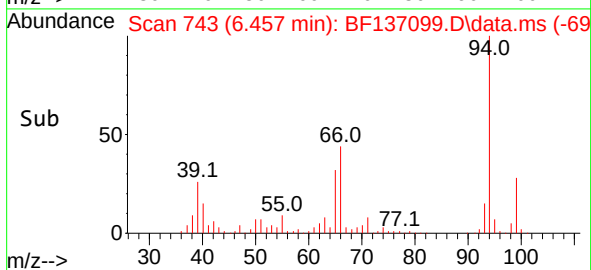
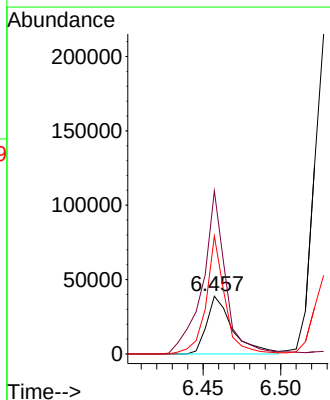
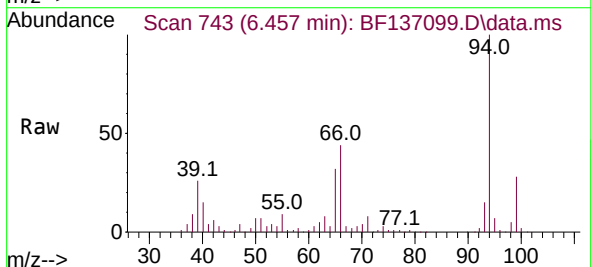
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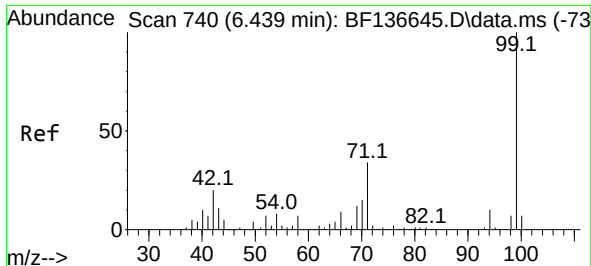
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#6
Aniline
Concen: 9.207 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion: 93 Resp: 45154
Ion Ratio Lower Upper
93 100
66 282.7 34.6 51.8#
65 204.5 17.8 26.8#





#7

Phenol-d6

Concen: 111.889 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

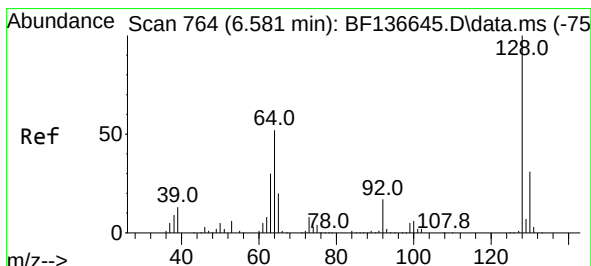
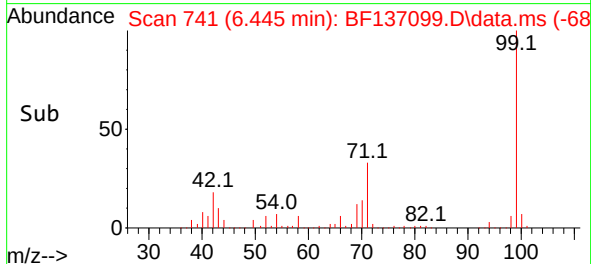
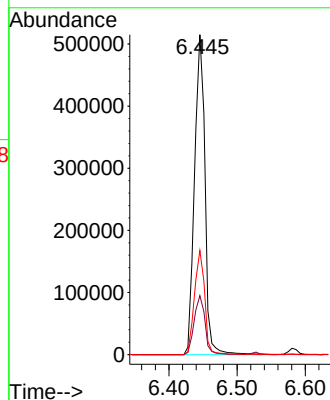
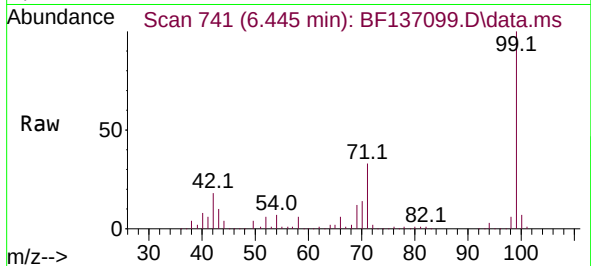
Tgt Ion: 99 Resp: 548869

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.1	24.1
71	32.5	27.4	41.2

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#8

2-Chlorophenol

Concen: 45.155 ng

RT: 6.581 min Scan# 764

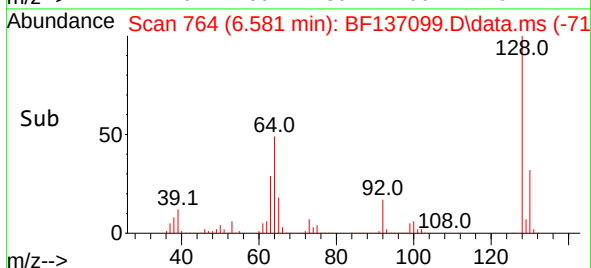
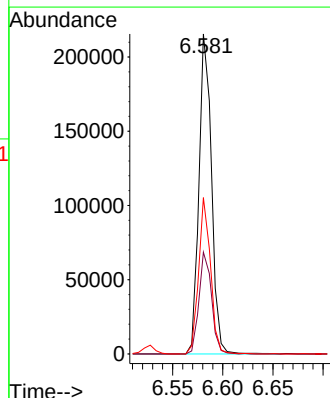
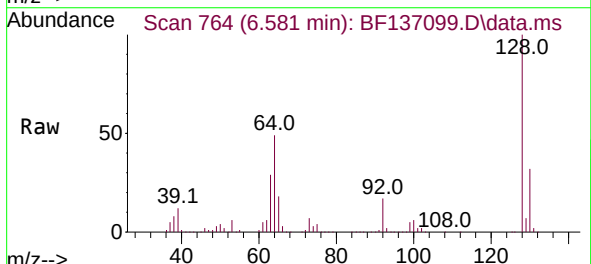
Delta R.T. 0.000 min

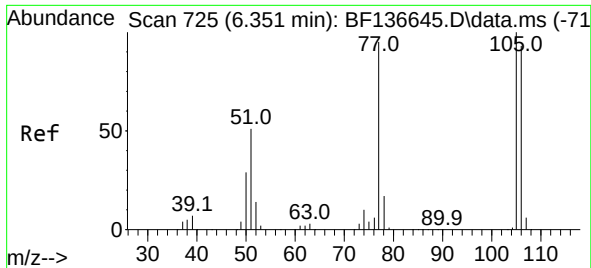
Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:128 Resp: 187071

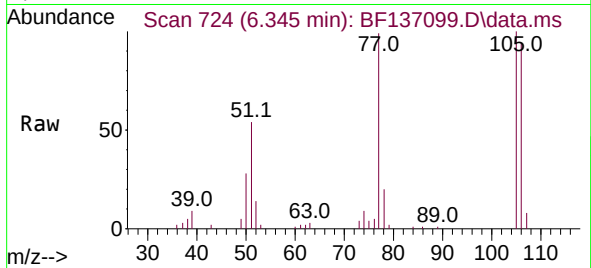
Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.3	51.3
64	48.8	32.5	72.5





#9
Benzaldehyde
Concen: 7.513 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

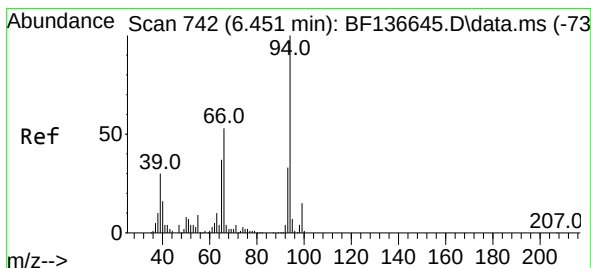
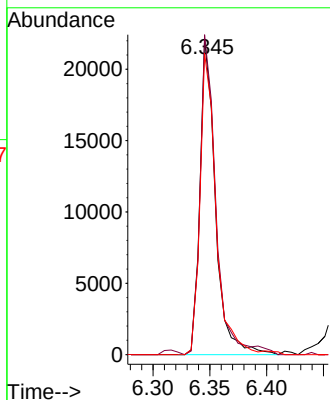
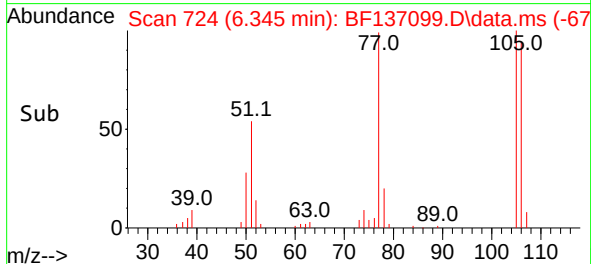
Instrument :
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ClientSampleId :
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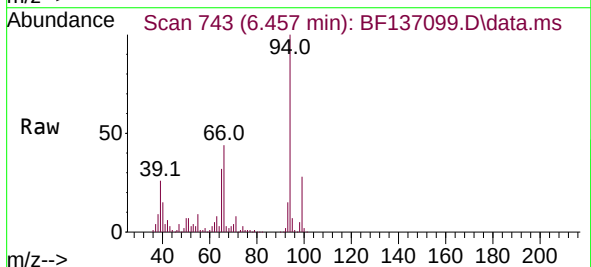
Tgt Ion: 77 Resp: 20962
Ion Ratio Lower Upper
77 100
105 101.4 84.8 124.8
106 95.5 77.8 117.8

Manual Integrations
APPROVED

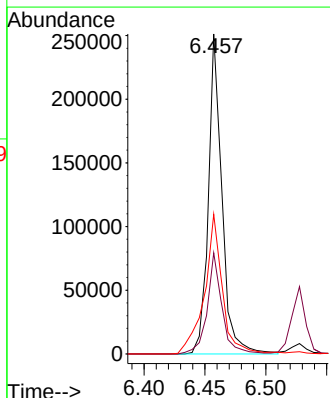
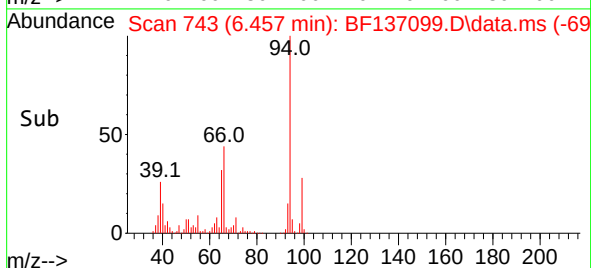
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

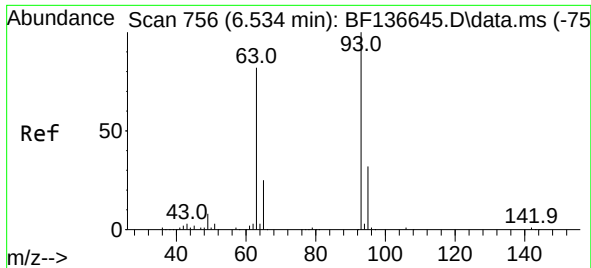


#10
Phenol
Concen: 37.340 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



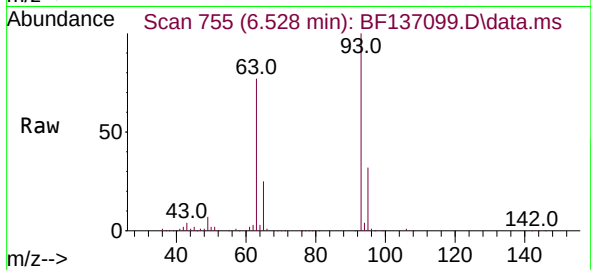
Tgt Ion: 94 Resp: 195534
Ion Ratio Lower Upper
94 100
65 31.6 16.6 56.6
66 43.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 43.652 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

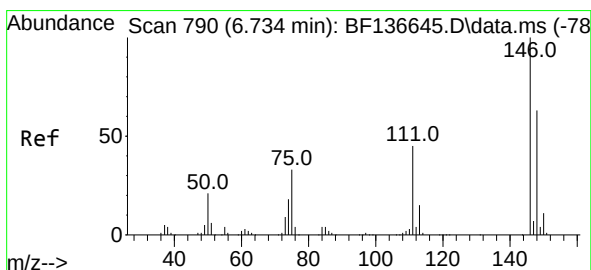
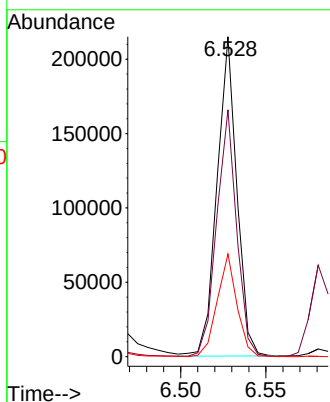
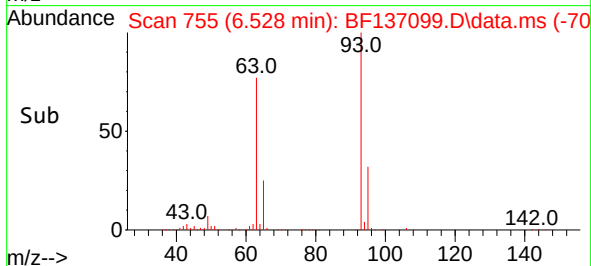
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion: 93 Resp: 173839
Ion Ratio Lower Upper
93 100
63 77.1 61.2 101.2
95 32.1 11.6 51.6

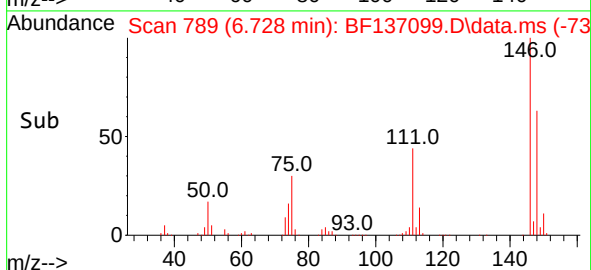
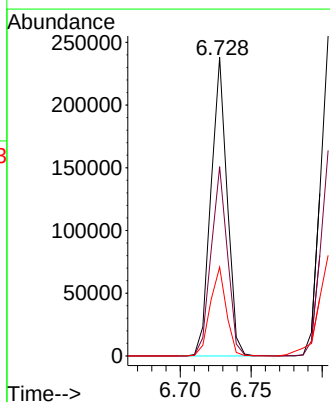
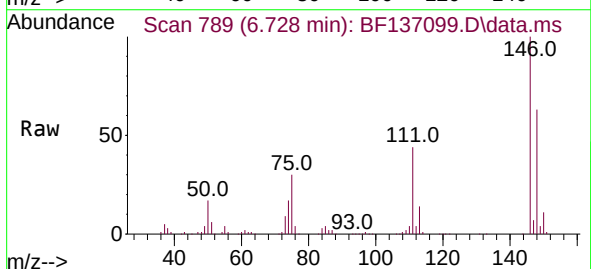
Manual Integrations
APPROVED

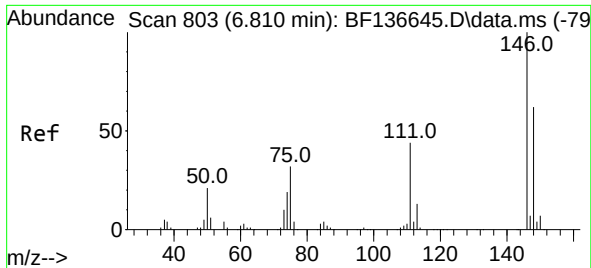
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#12
1,3-Dichlorobenzene
Concen: 41.561 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

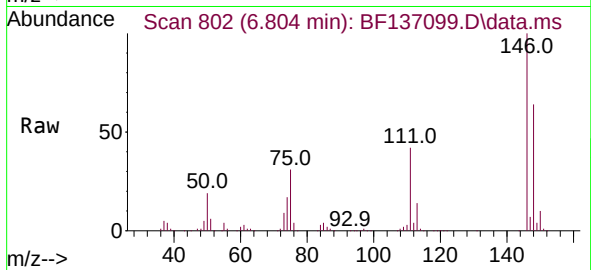
Tgt Ion:146 Resp: 187833
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 29.7 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 41.746 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

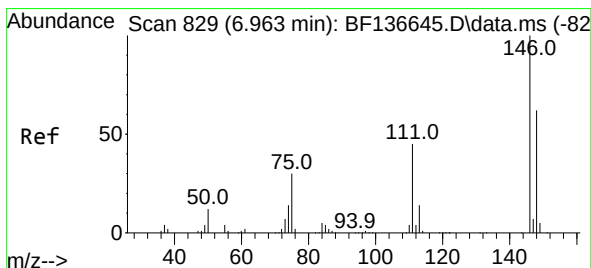
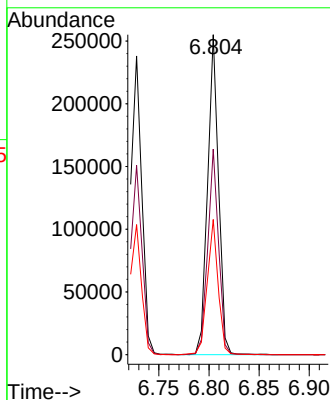
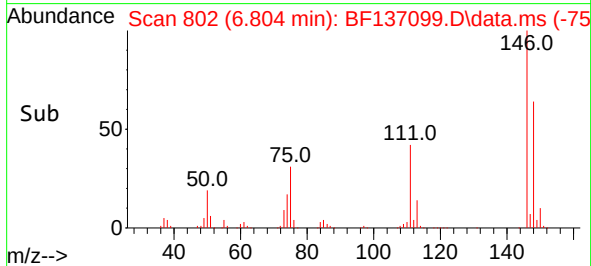
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



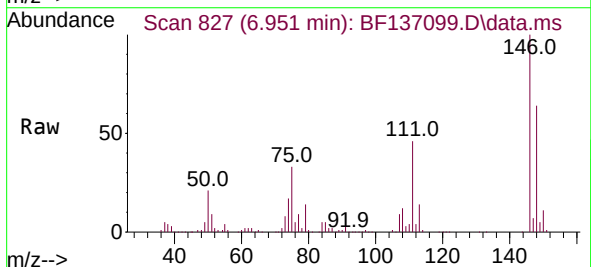
Tgt Ion:146 Resp: 192779
Ion Ratio Lower Upper
146 100
148 64.2 49.2 73.8
111 42.2 35.2 52.8

Manual Integrations
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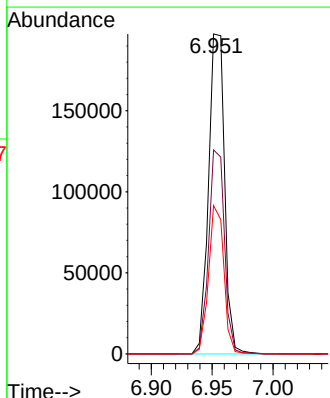
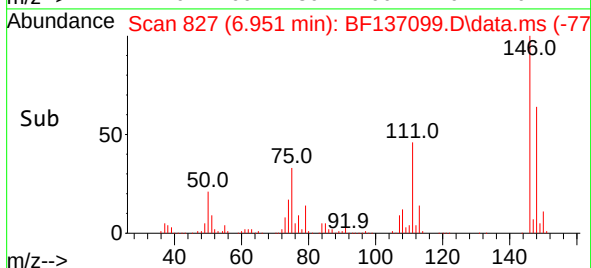
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

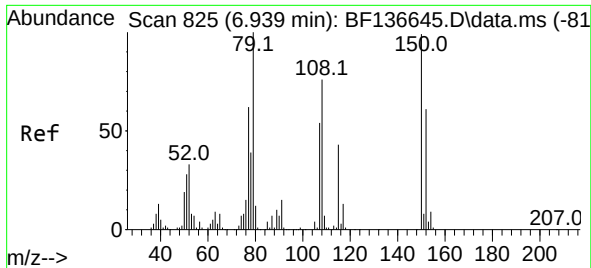


#14
1,2-Dichlorobenzene
Concen: 42.203 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



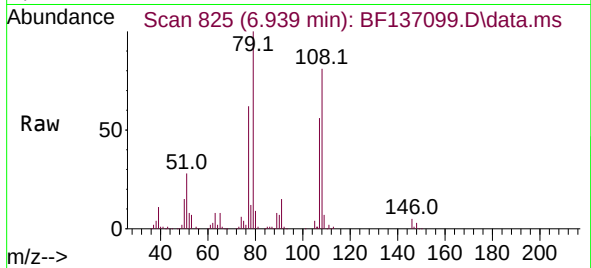
Tgt Ion:146 Resp: 181345
Ion Ratio Lower Upper
146 100
148 63.7 49.6 74.4
111 46.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 46.587 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

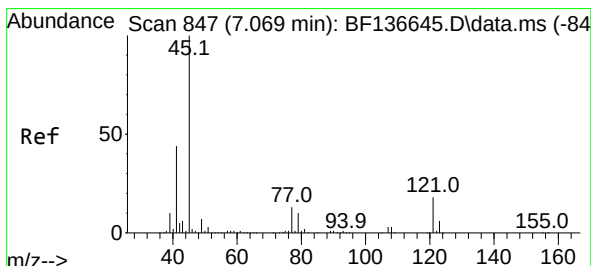
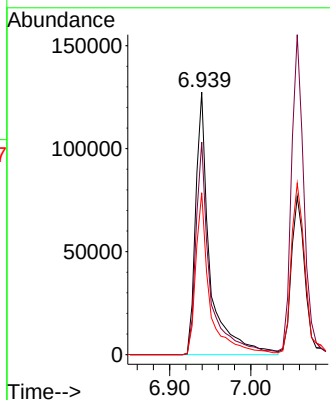
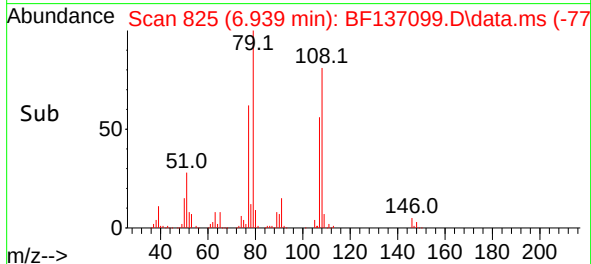
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion: 79 Resp: 154176
Ion Ratio Lower Upper
79 100
108 81.0 61.0 91.6
77 61.7 49.8 74.8

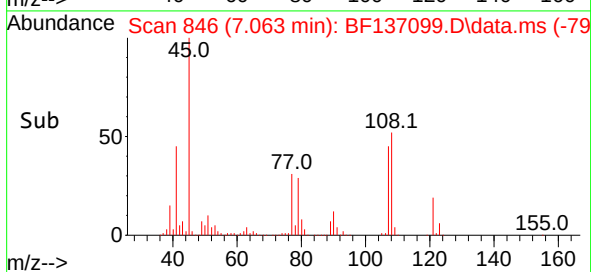
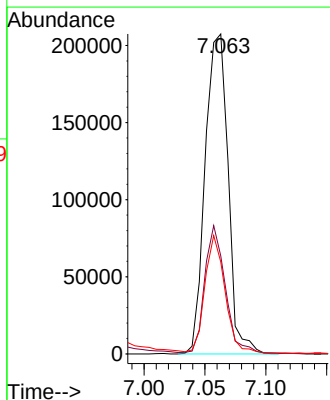
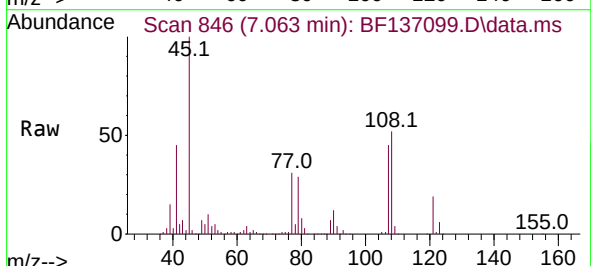
Manual Integrations
APPROVED

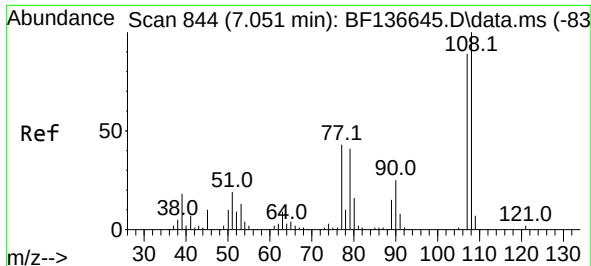
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.843 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

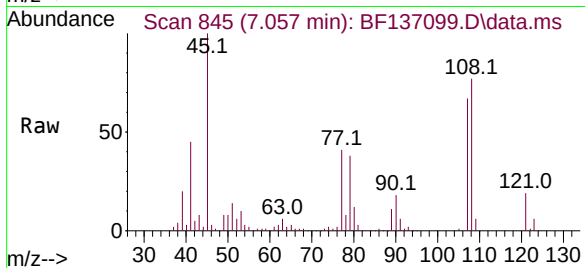
Tgt Ion: 45 Resp: 272438
Ion Ratio Lower Upper
45 100
77 30.6 0.0 34.3
79 28.7 0.0 31.4





#17
2-Methylphenol
Concen: 42.430 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

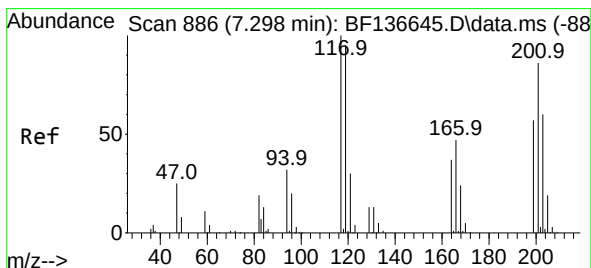
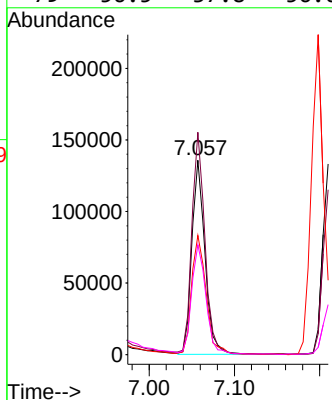
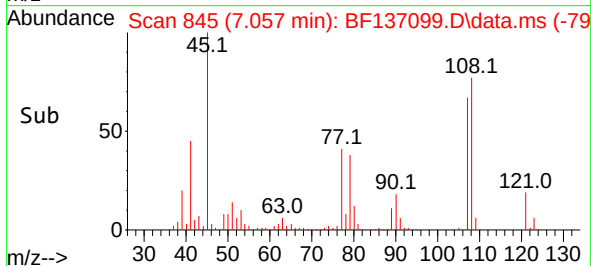
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:107 Resp: 145623
Ion Ratio Lower Upper
107 100
108 114.4 90.3 135.5
77 61.3 38.7 58.1
79 56.5 37.8 56.6

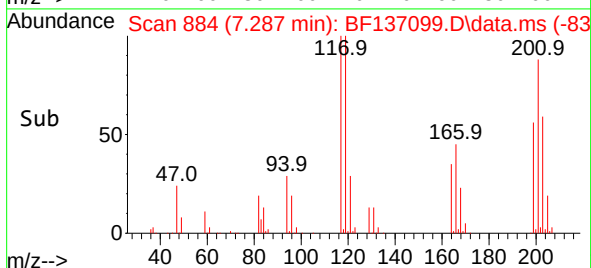
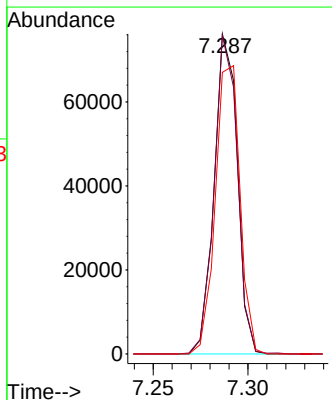
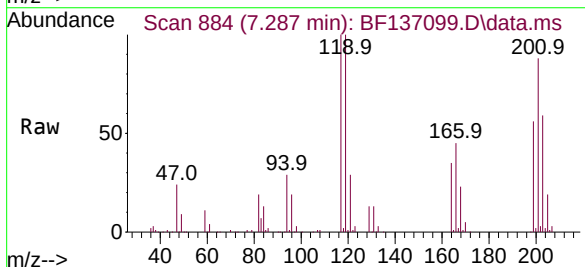
Manual Integrations
APPROVED

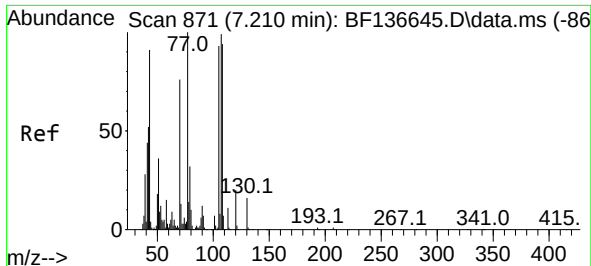
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#18
Hexachloroethane
Concen: 38.741 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

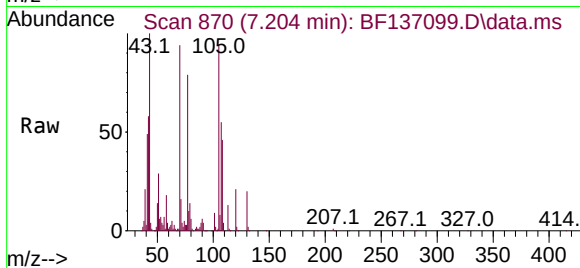
Tgt Ion:117 Resp: 64971
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.6
201 88.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.788 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

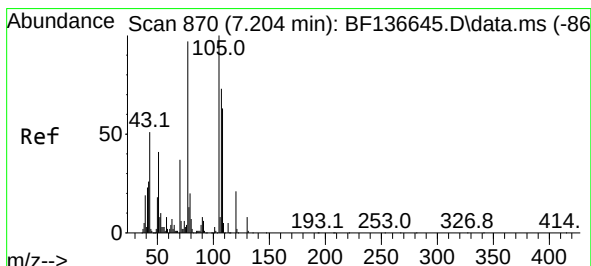
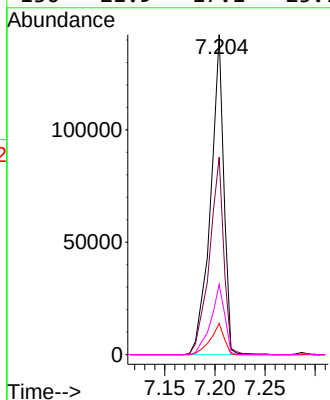
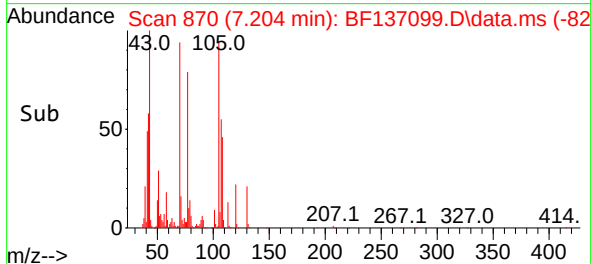
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



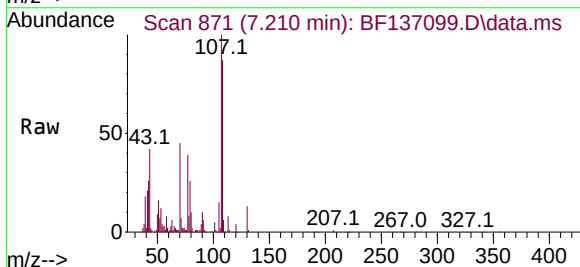
Tgt Ion:	70	Resp:	130212
Ion	Ratio	Lower	Upper
70	100		
42	61.7	54.2	81.4
101	9.7	7.6	11.4
130	21.9	17.1	25.7

Manual Integrations
APPROVED

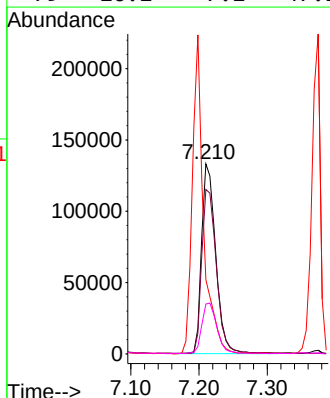
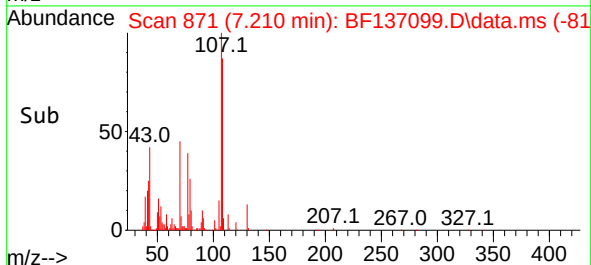
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

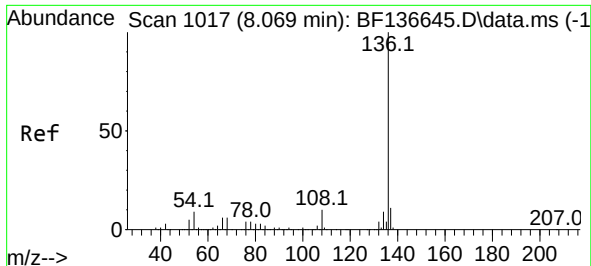


#20
3+4-Methylphenols
Concen: 44.839 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:	107	Resp:	192262
Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.0	106.0
77	38.9	114.2	154.2#
79	26.2	7.2	47.2





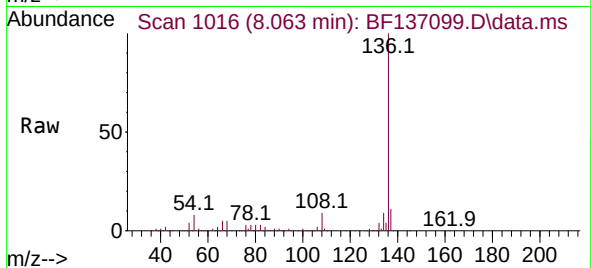
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

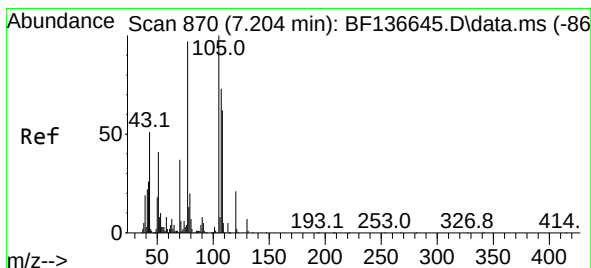
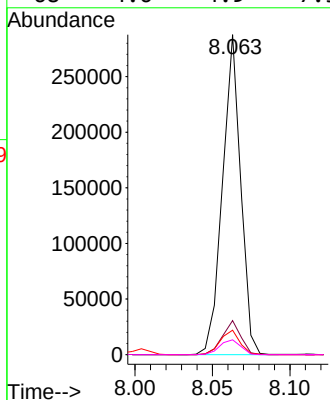
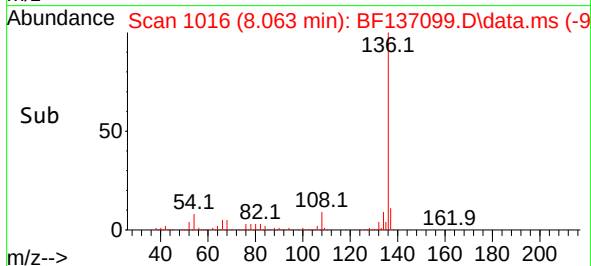


Tgt Ion:136 Resp: 234813
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.6 7.2 10.8
68 4.6 4.9 7.3#

Manual Integrations

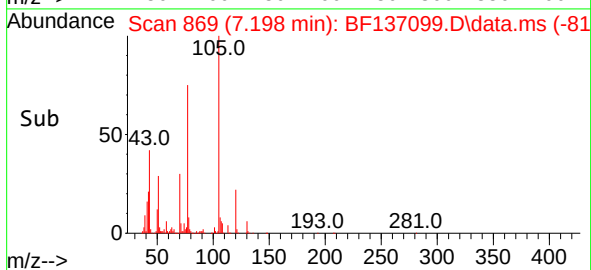
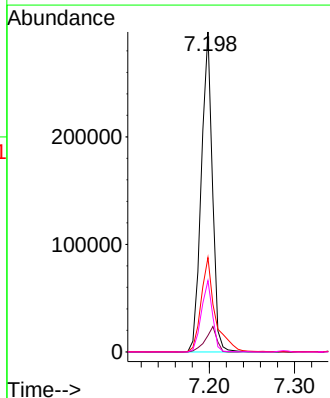
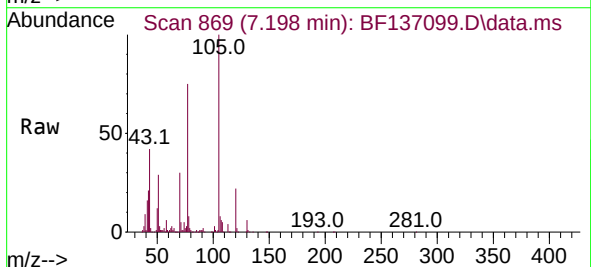
APPROVED

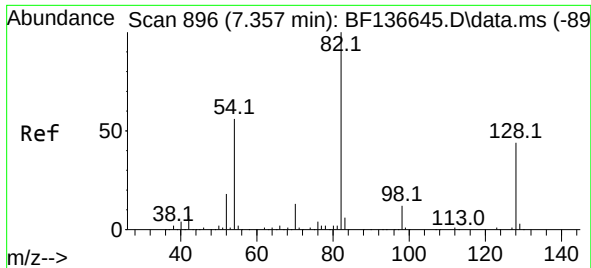
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#22
Acetophenone
Concen: 45.712 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion:105 Resp: 269040
Ion Ratio Lower Upper
105 100
71 5.1 4.8 7.2
51 29.5 32.8 49.2#
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.616 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

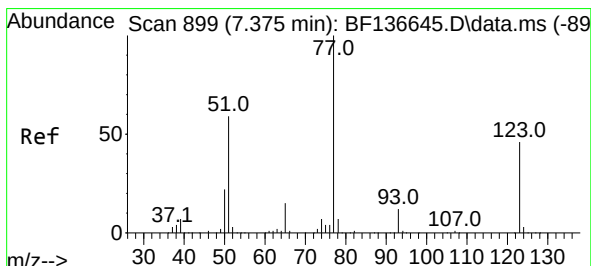
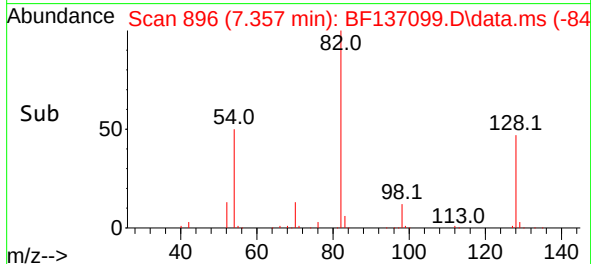
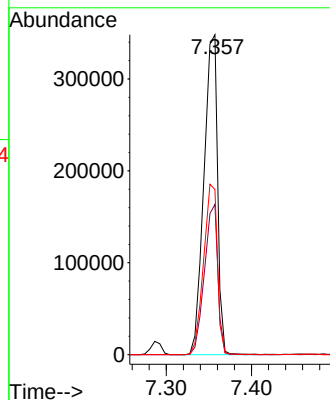
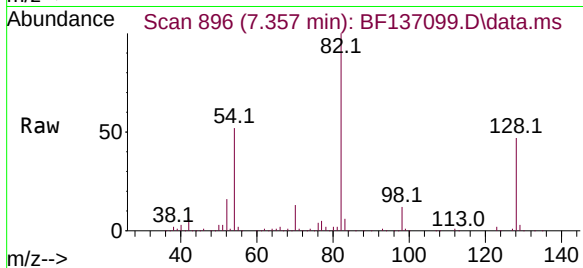
Tgt Ion: 82 Resp: 388283

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.3	52.9
54	51.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#24

Nitrobenzene

Concen: 41.651 ng

RT: 7.375 min Scan# 899

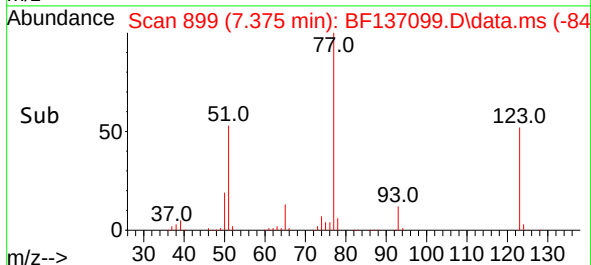
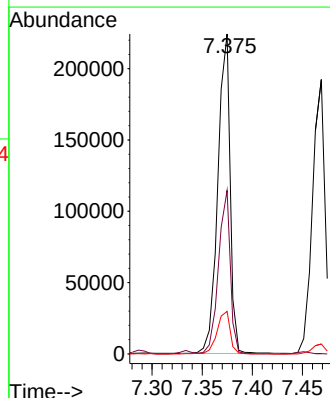
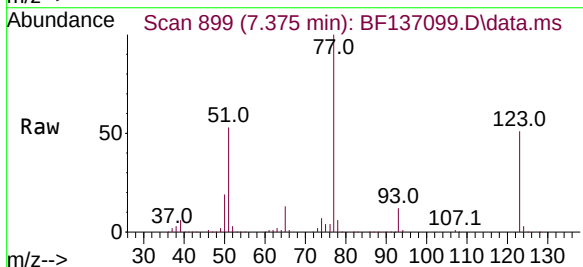
Delta R.T. 0.000 min

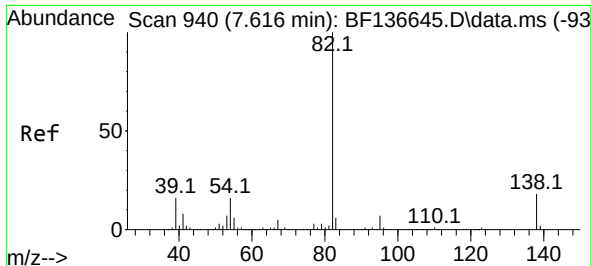
Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion: 77 Resp: 191460

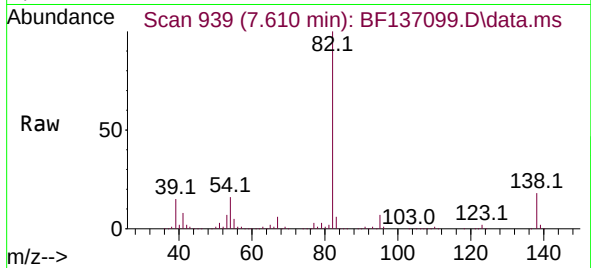
Ion	Ratio	Lower	Upper
77	100		
123	51.1	36.7	55.1
65	13.3	11.8	17.6





#25
Isophorone
Concen: 42.448 ng
RT: 7.610 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

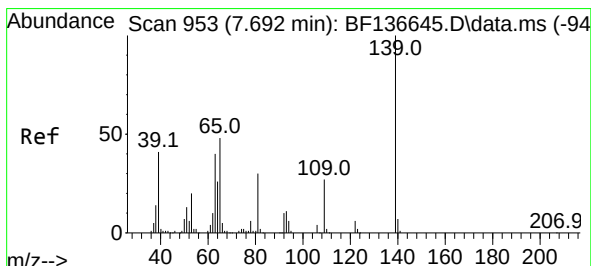
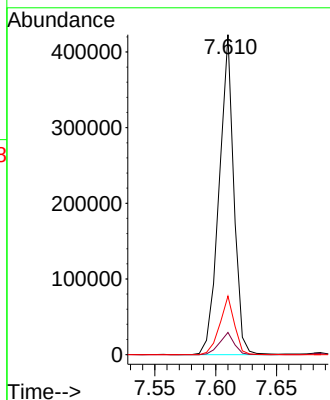
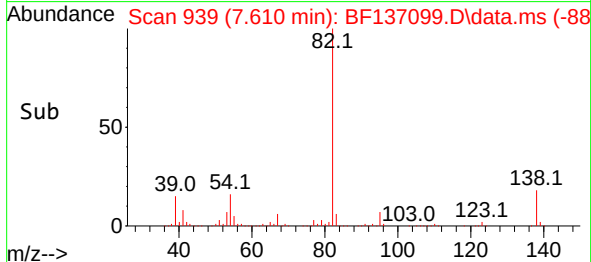
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



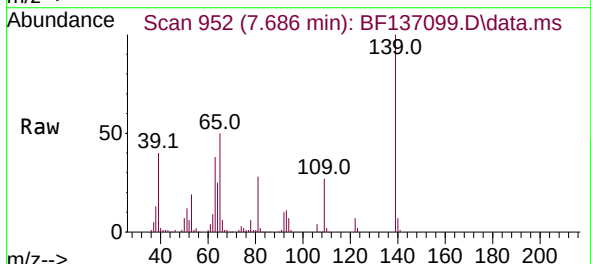
Tgt Ion: 82 Resp: 354433
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.3 14.5 21.7

Manual Integrations
APPROVED

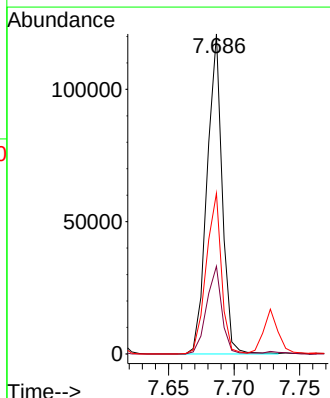
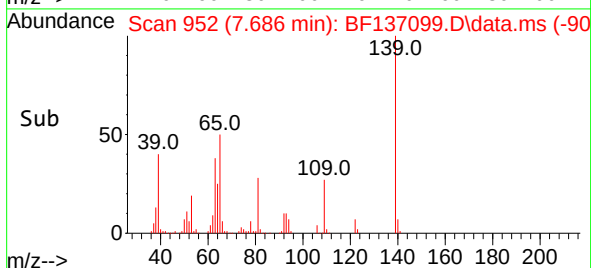
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

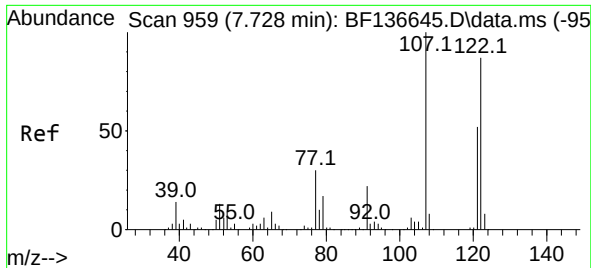


#26
2-Nitrophenol
Concen: 44.188 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:139 Resp: 97182
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 50.2 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 54.628 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

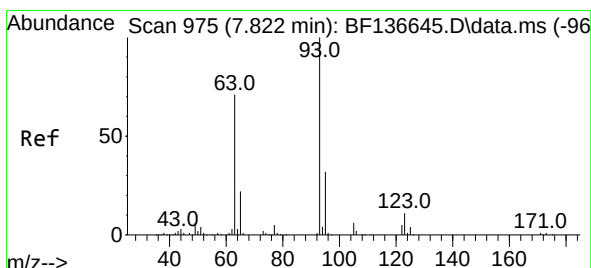
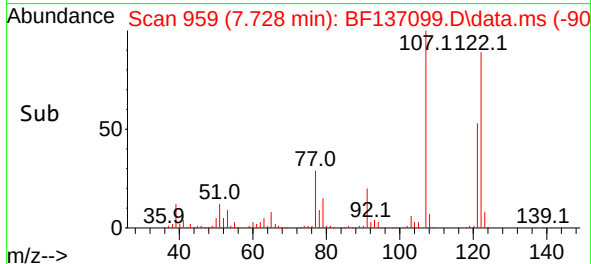
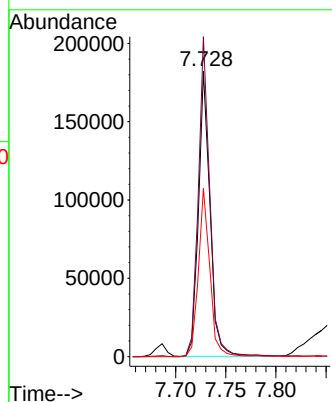
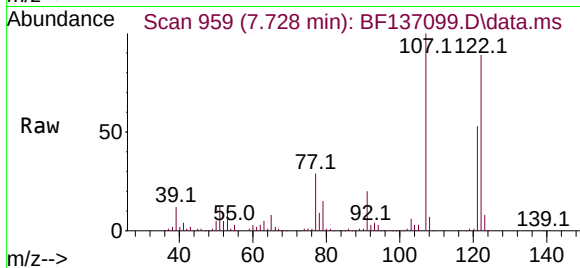
ClientSampleId :

MR-314-0-2MSD

Tgt Ion:122 Resp: 146266
Ion Ratio Lower Upper
122 100
107 112.2 92.0 138.0
121 58.9 47.5 71.3

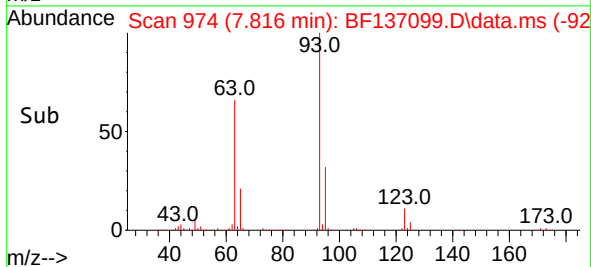
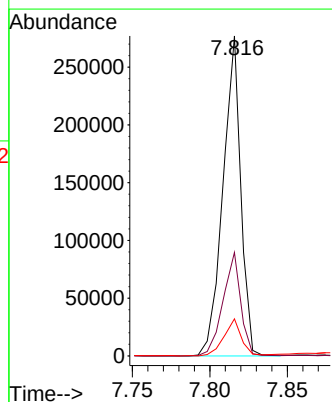
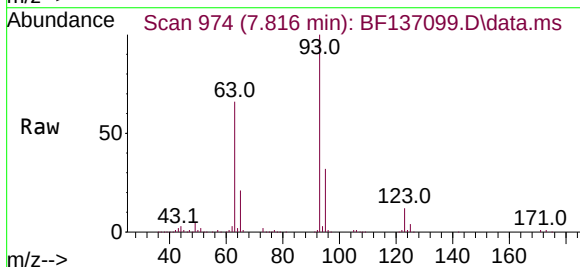
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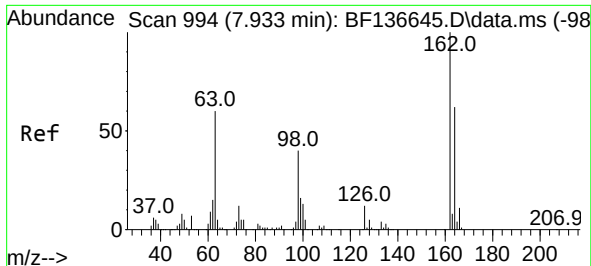
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.645 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion: 93 Resp: 221517
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.295 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137099.D

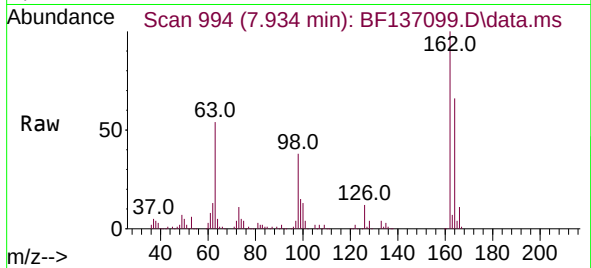
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

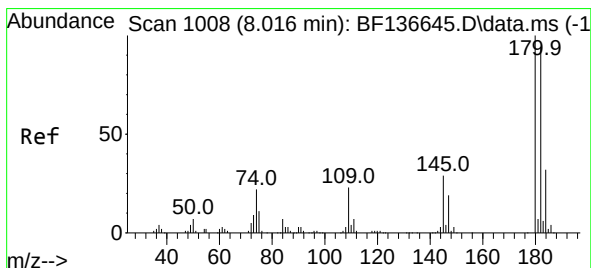
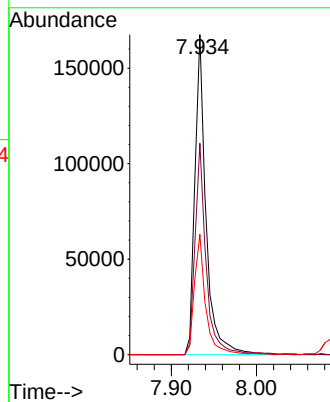
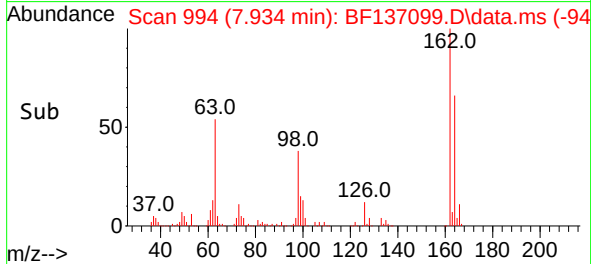


Tgt Ion:	162	Resp:	152688
Ion Ratio	Lower	Upper	
162	100		
164	66.0	41.7	81.7
98	37.6	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.344 ng

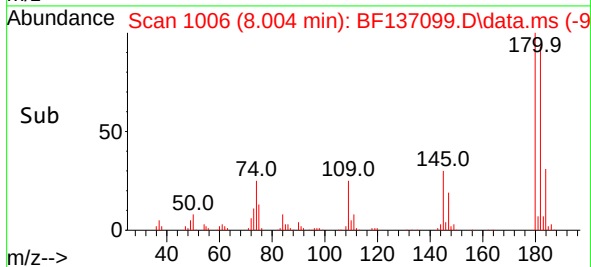
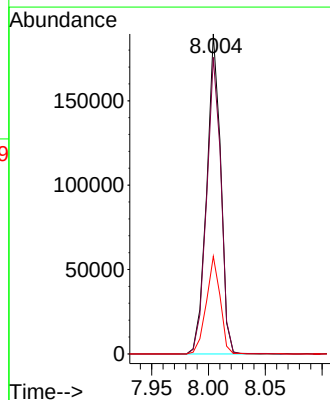
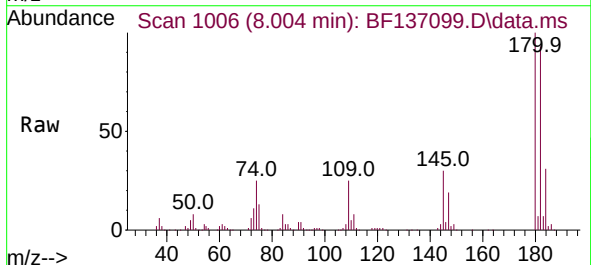
RT: 8.004 min Scan# 1006

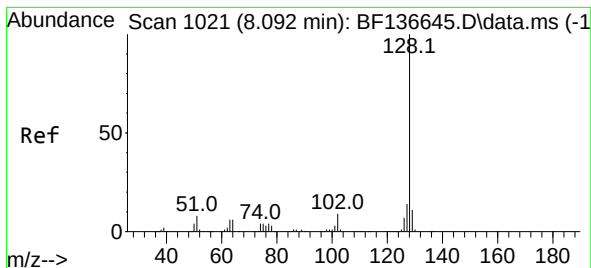
Delta R.T. -0.012 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:	180	Resp:	162630
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.4	113.0
145	30.5	23.1	34.7





#31

Naphthalene

Concen: 42.412 ng

RT: 8.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

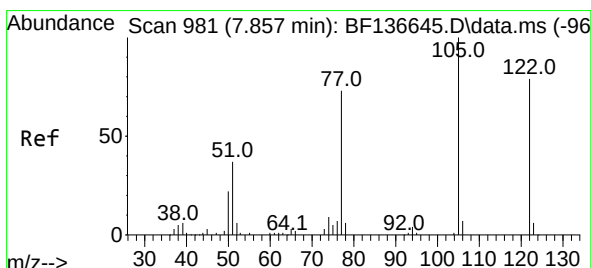
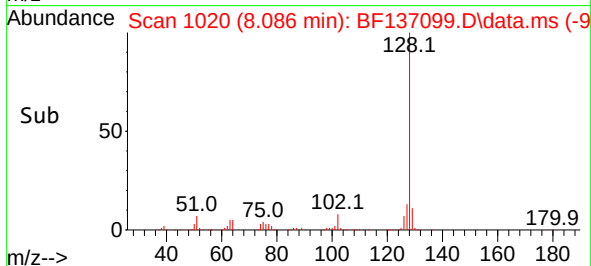
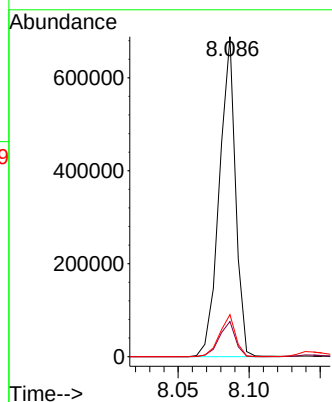
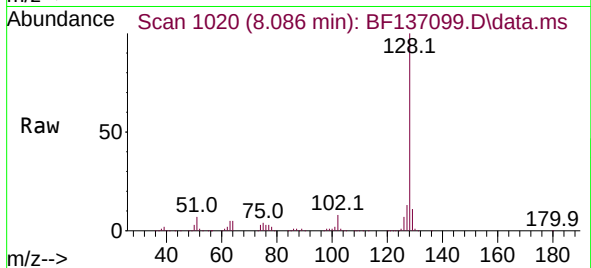
Tgt Ion:128 Resp: 547113

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#32

Benzoic acid

Concen: 40.844 ng

RT: 7.886 min Scan# 986

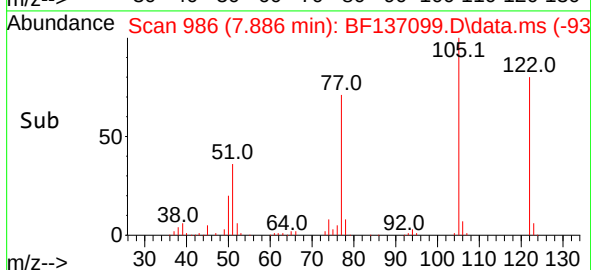
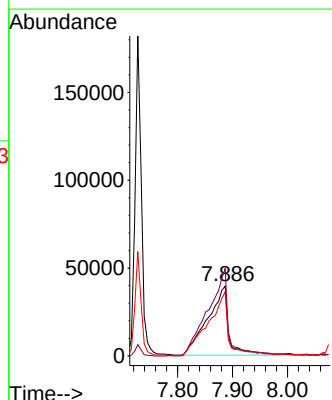
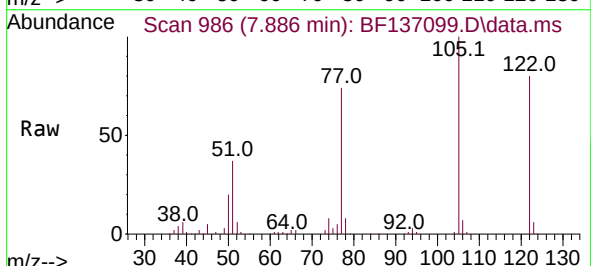
Delta R.T. 0.029 min

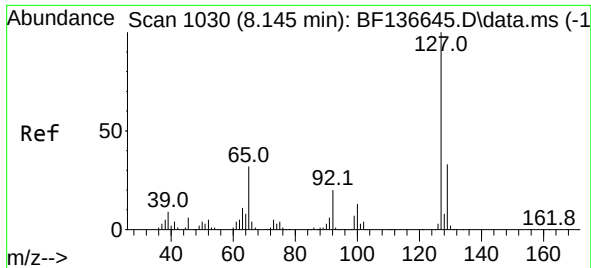
Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:122 Resp: 105814

Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.8	140.8
77	92.0	70.9	110.9





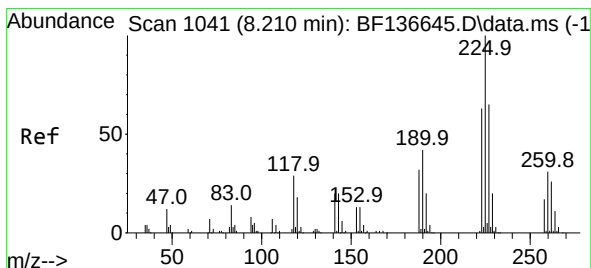
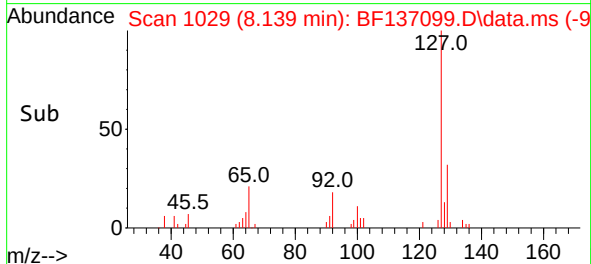
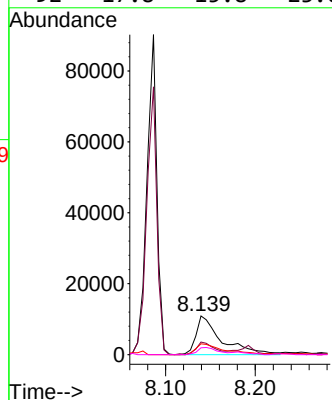
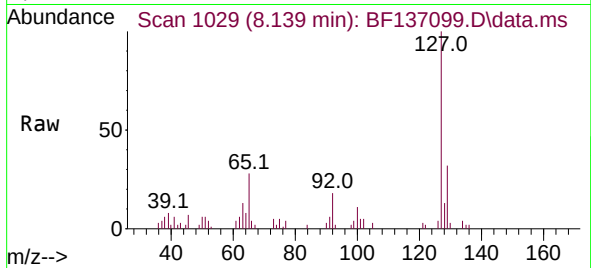
#33
4-Chloroaniline
Concen: 4.511 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:	127	Resp:	2148
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.3	39.5
65	28.2	25.8	38.8
92	17.8	15.8	23.6

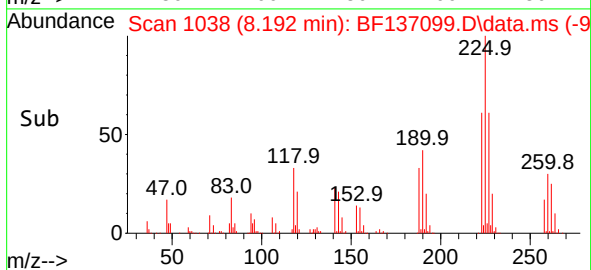
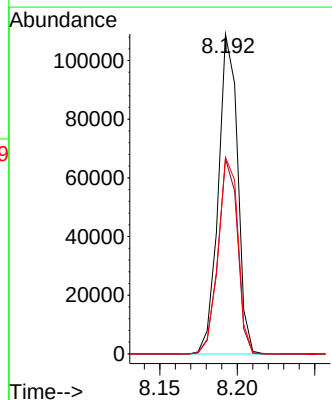
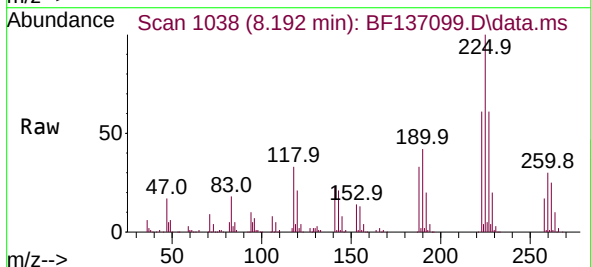
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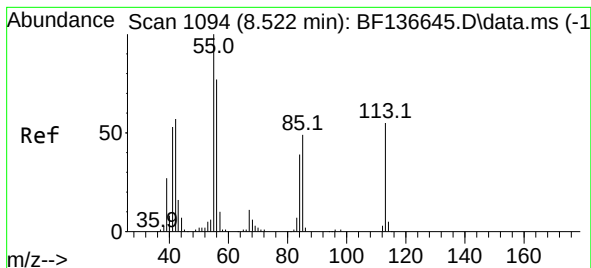
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#34
Hexachlorobutadiene
Concen: 40.404 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion:	225	Resp:	94282
Ion Ratio	Lower	Upper	
225	100		
223	61.0	50.6	76.0
227	61.4	51.9	77.9





#35

Caprolactam

Concen: 39.398 ng m

RT: 8.528 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

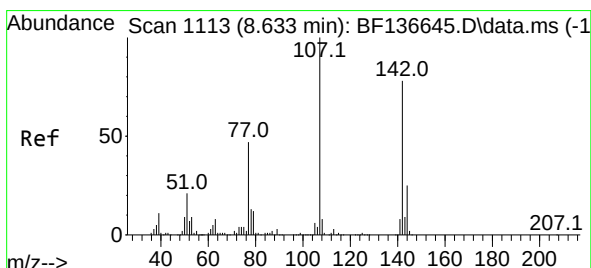
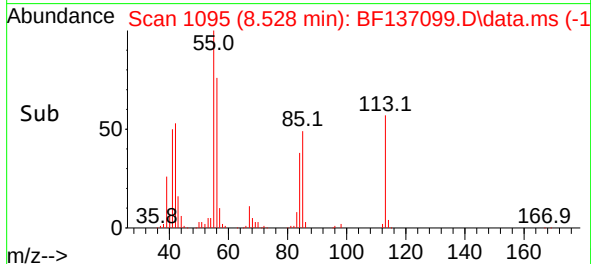
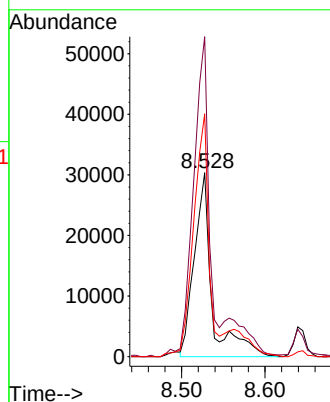
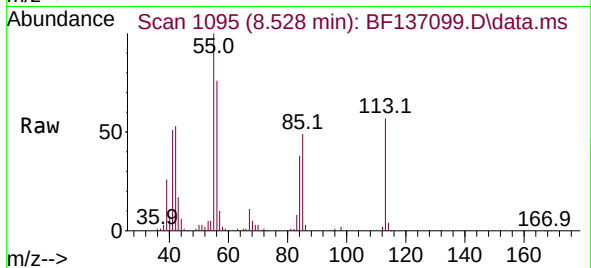
MR-314-0-2MSD

Tgt Ion:	113	Resp:	44802
Ion Ratio	Lower	Upper	
113	100		
55	174.0	163.1	203.1
56	132.0	121.7	161.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#36

4-Chloro-3-methylphenol

Concen: 42.891 ng

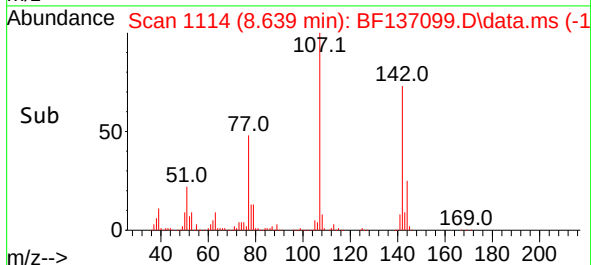
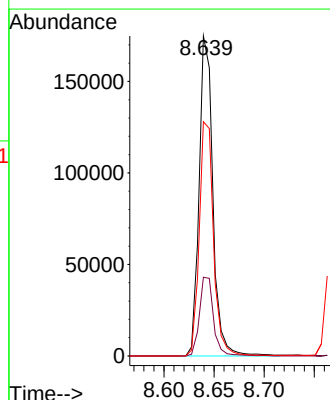
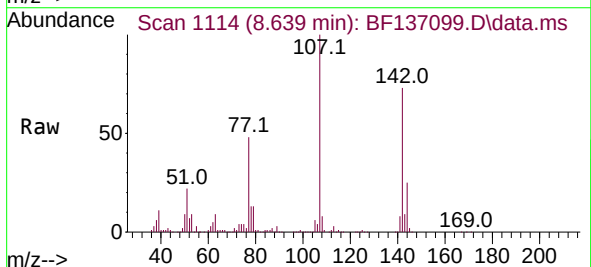
RT: 8.639 min Scan# 1114

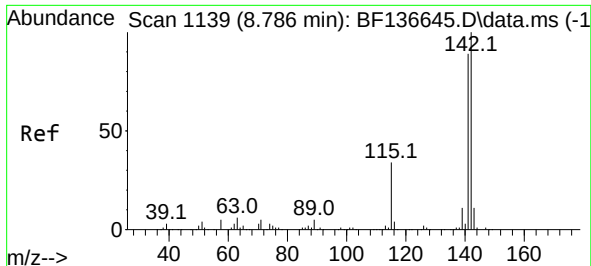
Delta R.T. 0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:	107	Resp:	166445
Ion Ratio	Lower	Upper	
107	100		
144	24.6	20.2	30.2
142	73.2	62.3	93.5





#37

2-Methylnaphthalene

Concen: 42.565 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

Tgt Ion:142 Resp: 353372

Ion Ratio Lower Upper

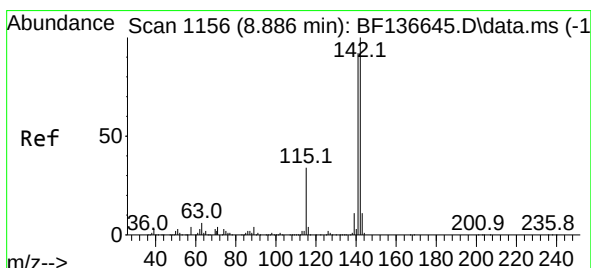
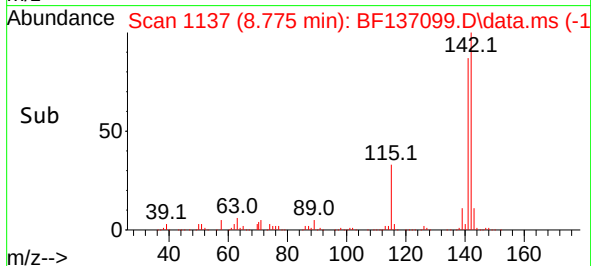
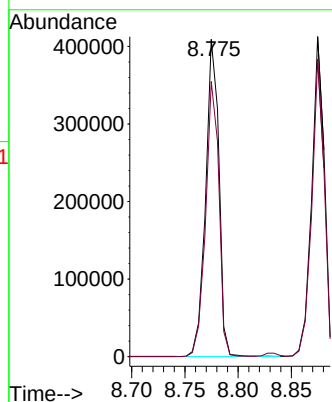
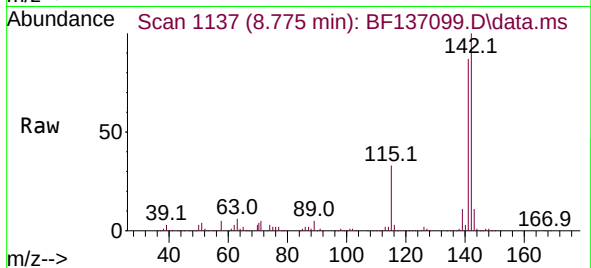
142 100

141 86.8 71.1 106.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#38

1-Methylnaphthalene

Concen: 41.620 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137099.D

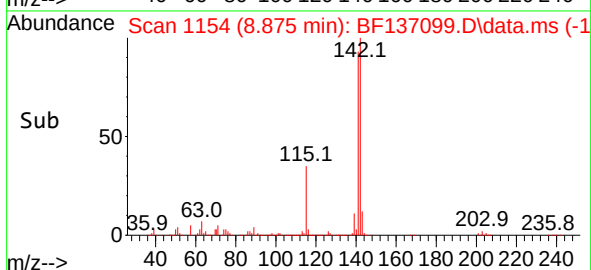
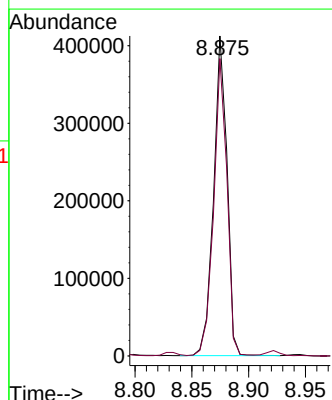
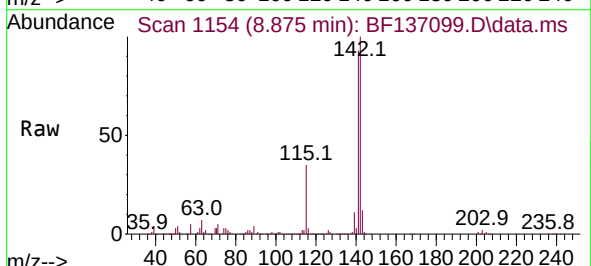
Acq: 17 Jan 2024 18:06

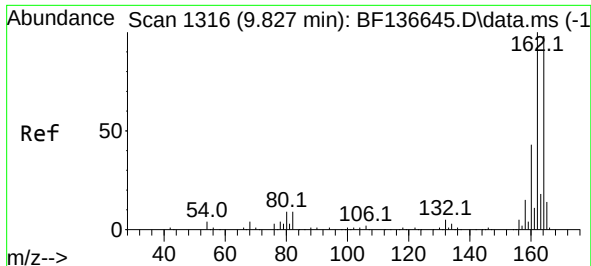
Tgt Ion:142 Resp: 338998

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4





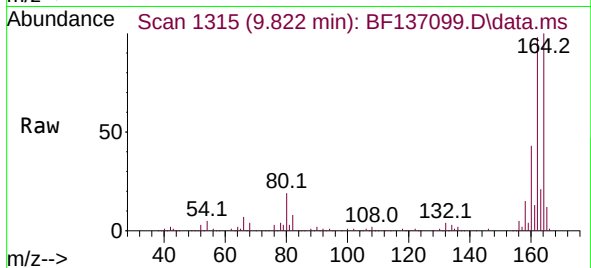
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

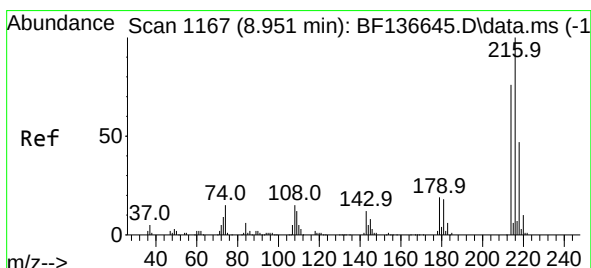
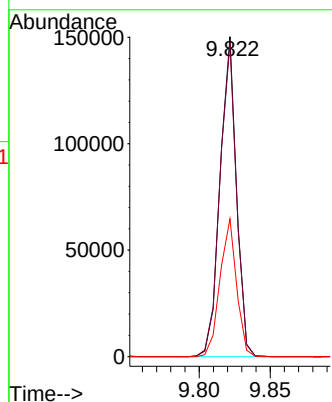
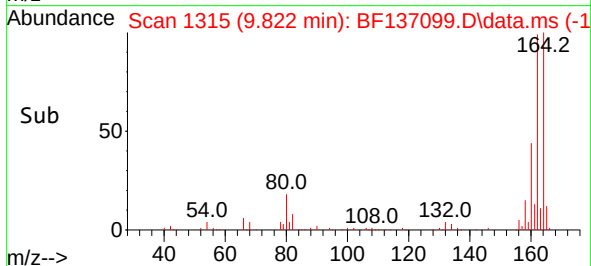


Tgt Ion:164 Resp: 120259
Ion Ratio Lower Upper
164 100
162 97.9 81.6 122.4
160 43.1 34.9 52.3

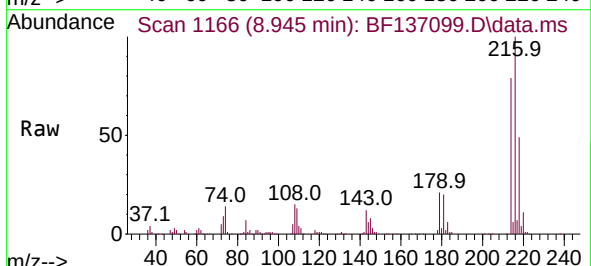
Manual Integrations

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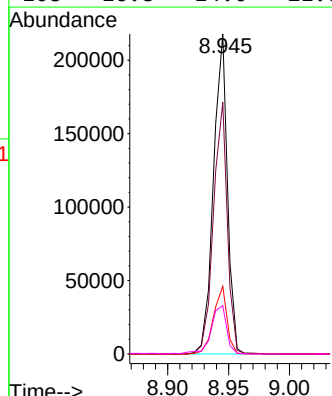
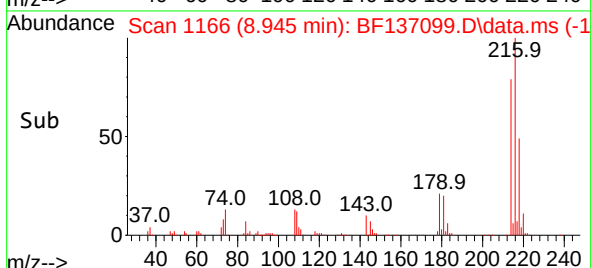
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

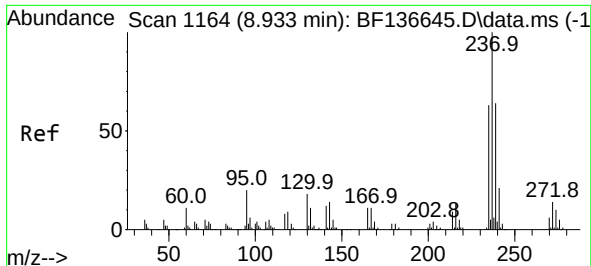


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.668 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



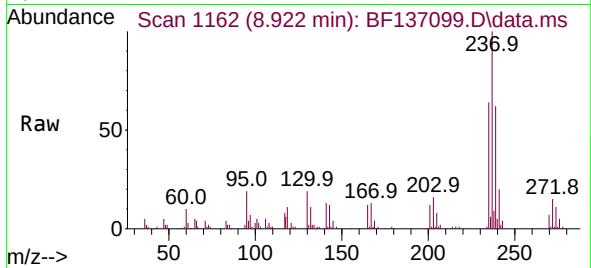
Tgt Ion:216 Resp: 173808
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 20.4 16.4 24.6
108 16.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 37.759 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

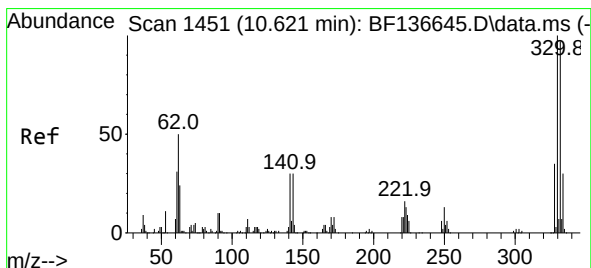
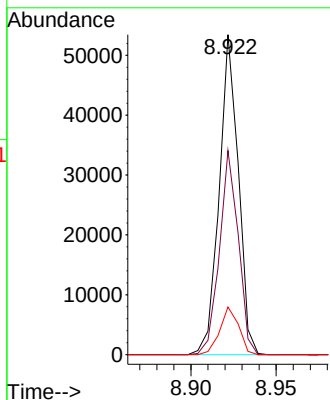
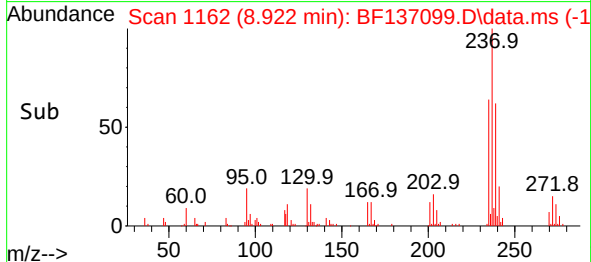
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



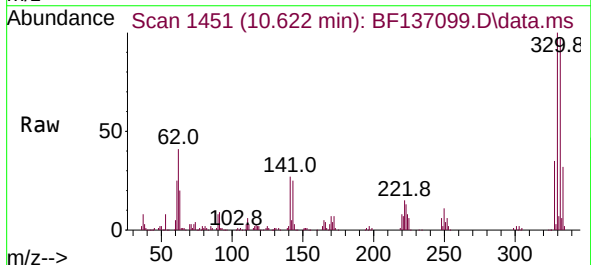
Tgt Ion: 237 Resp: 41562
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 14.9 0.0 34.2

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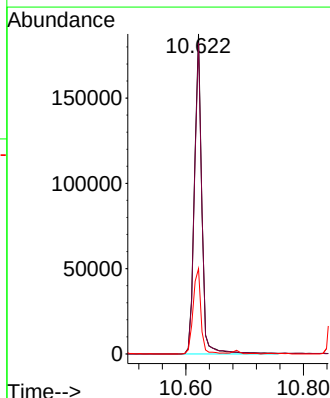
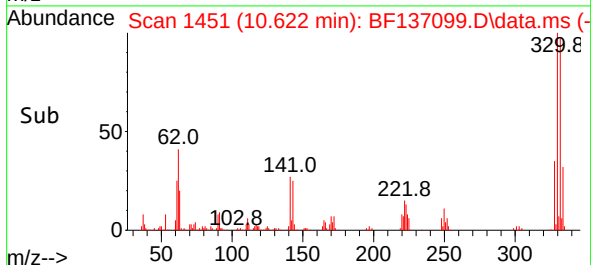
Reviewed By : Jagrut Upadhyay 01/18/2024
Supervised By : mohammad ahmed 01/19/2024

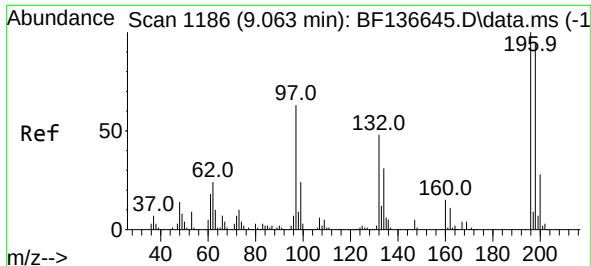


#42
2,4,6-Tribromophenol
Concen: 114.988 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion: 330 Resp: 162859
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 28.4 23.4 35.2





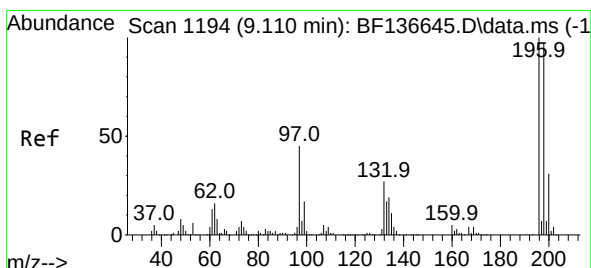
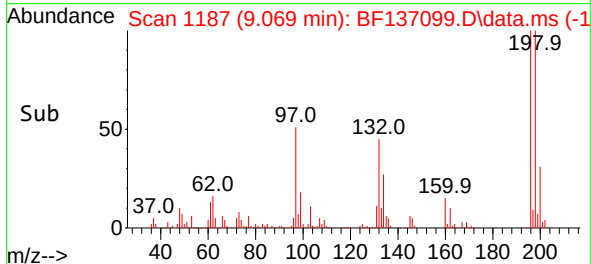
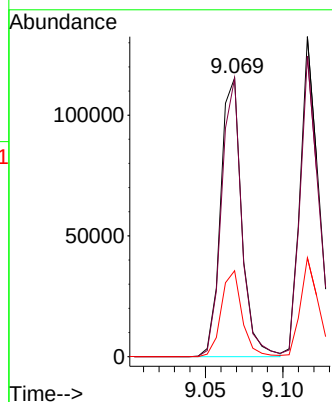
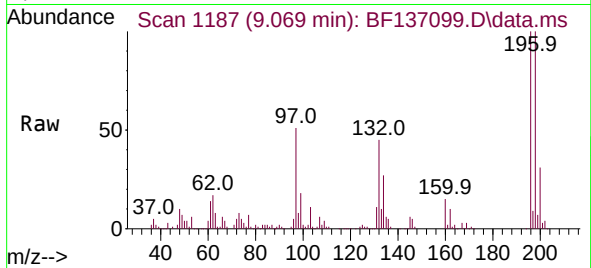
#43
2,4,6-Trichlorophenol
Concen: 45.755 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:196 Resp: 109286
Ion Ratio Lower Upper
196 100
198 99.9 75.1 112.7
200 30.8 22.5 33.7

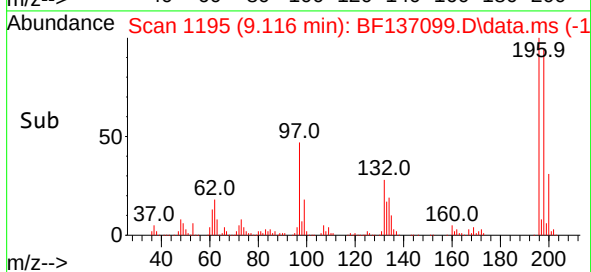
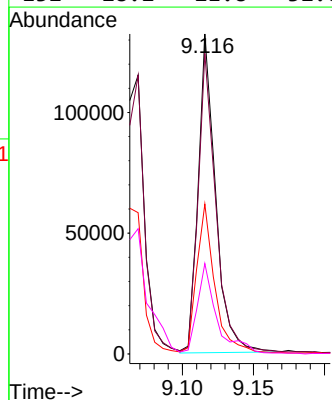
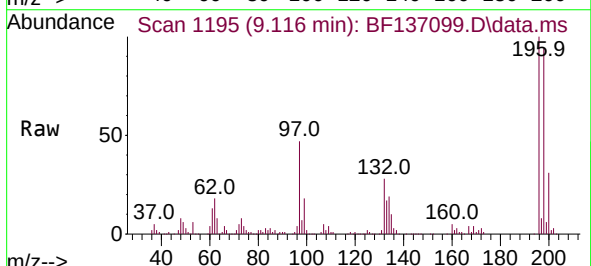
Manual Integrations
APPROVED

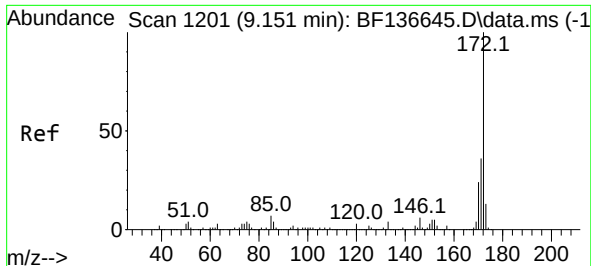
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#44
2,4,5-Trichlorophenol
Concen: 42.260 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

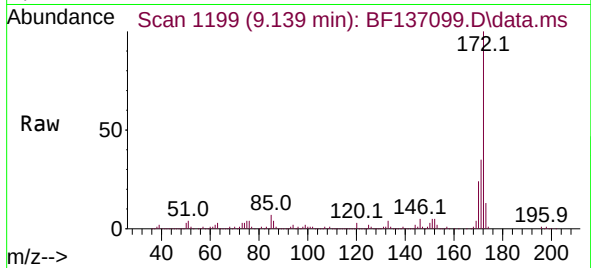
Tgt Ion:196 Resp: 112481
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.6
97 46.8 36.1 54.1
132 28.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 87.730 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

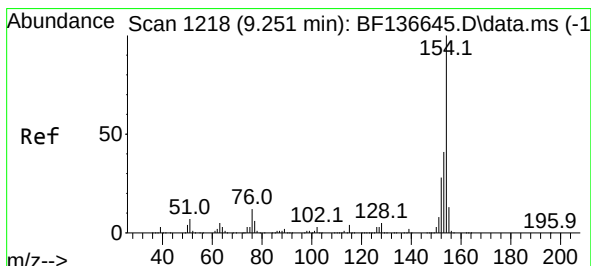
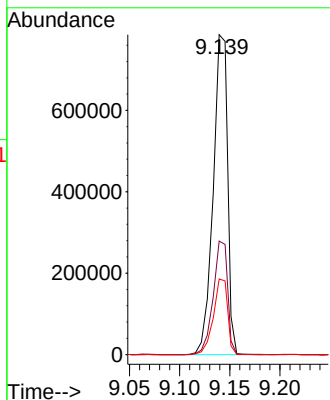
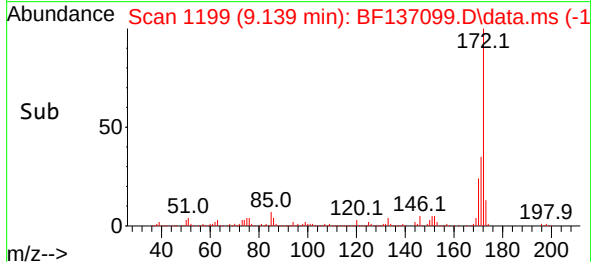
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



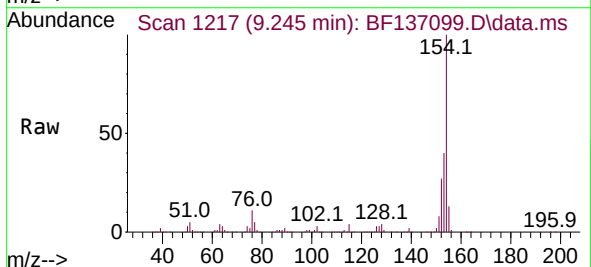
Tgt Ion:172 Resp: 784417
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.6 19.0 28.4

Manual Integrations
APPROVED

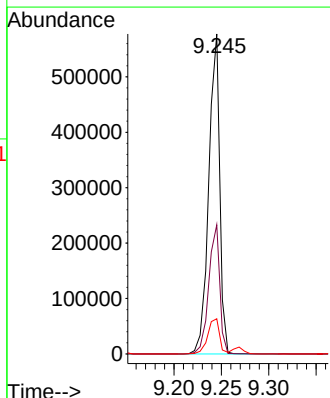
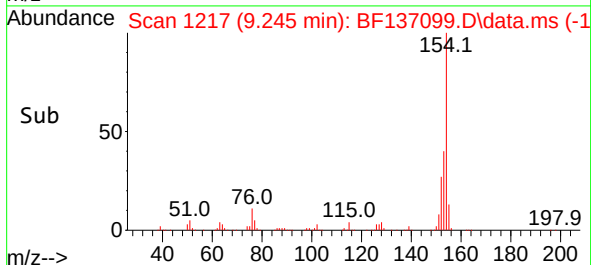
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

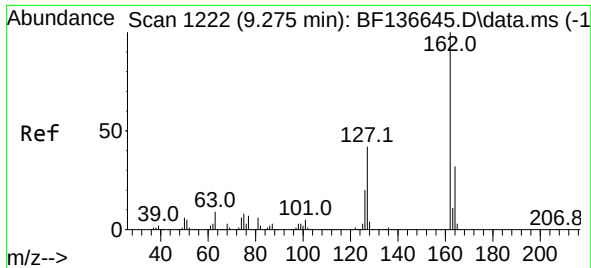


#46
1,1'-Biphenyl
Concen: 46.198 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



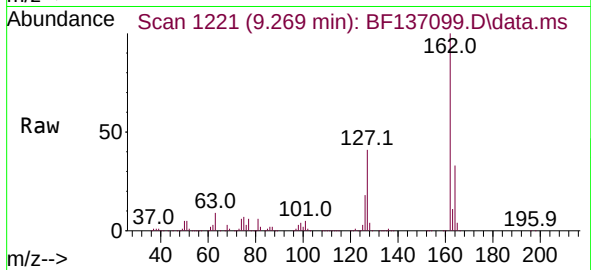
Tgt Ion:154 Resp: 466214
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 11.0 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.343 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

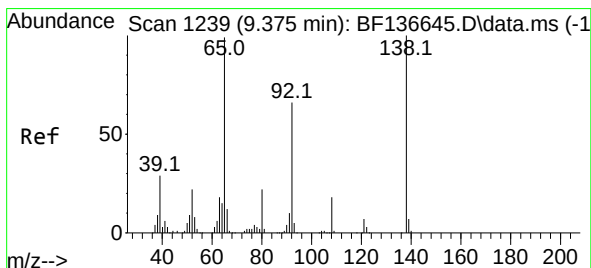
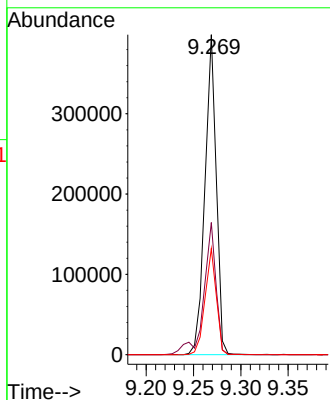
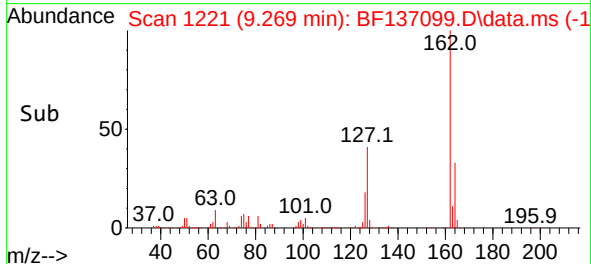
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:162 Resp: 332517
Ion Ratio Lower Upper
162 100
127 41.3 33.6 50.4
164 33.1 25.7 38.5

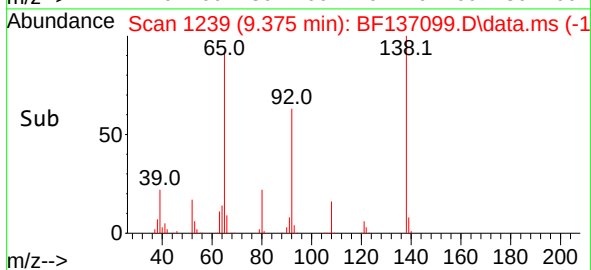
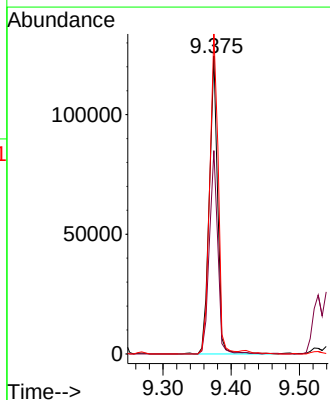
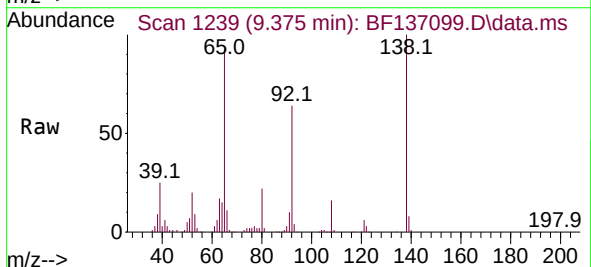
Manual Integrations
APPROVED

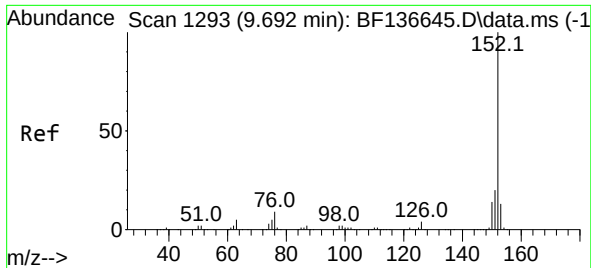
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#48
2-Nitroaniline
Concen: 44.067 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion: 65 Resp: 105866
Ion Ratio Lower Upper
65 100
92 68.2 53.2 79.8
138 107.4 81.1 121.7





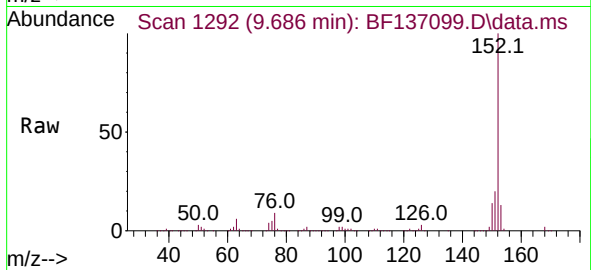
#49
Acenaphthylene
Concen: 46.980 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

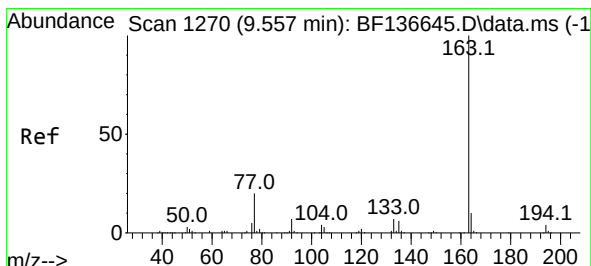
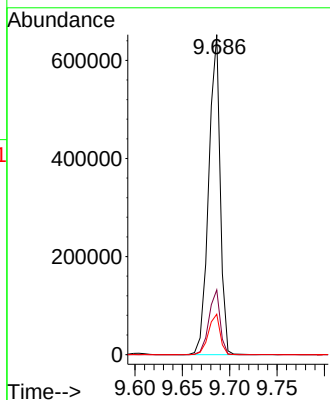
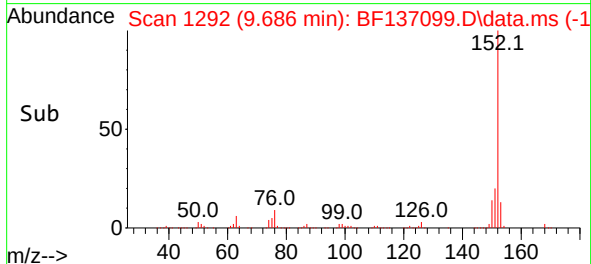


Tgt Ion:152 Resp: 550891
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.6 10.2 15.2

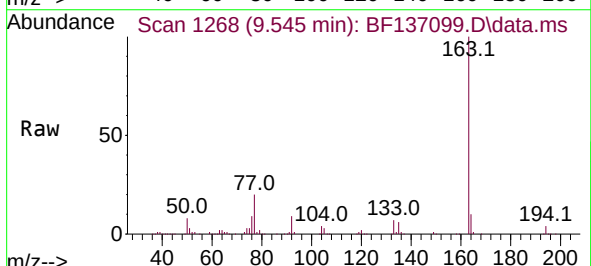
Manual Integrations

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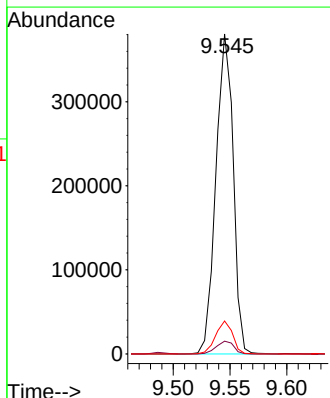
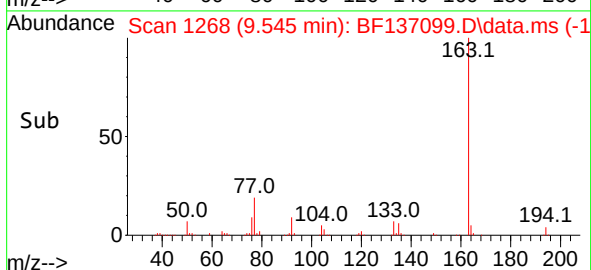
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

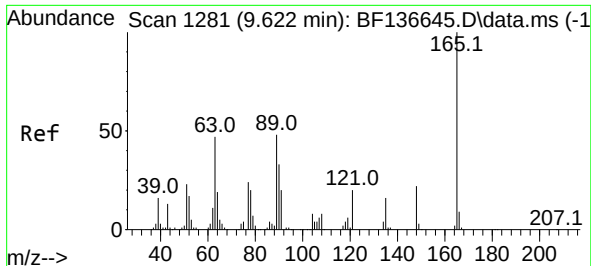


#50
Dimethylphthalate
Concen: 45.750 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



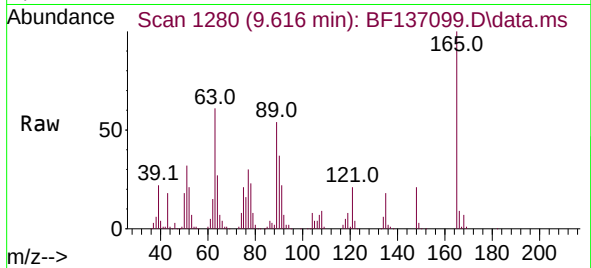
Tgt Ion:163 Resp: 401869
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 43.521 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

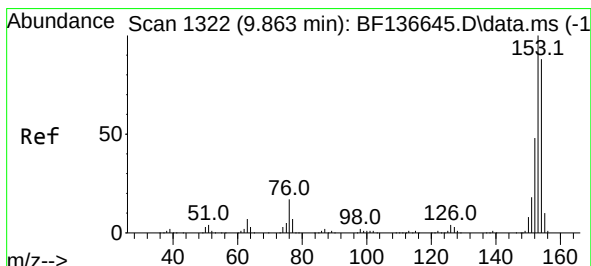
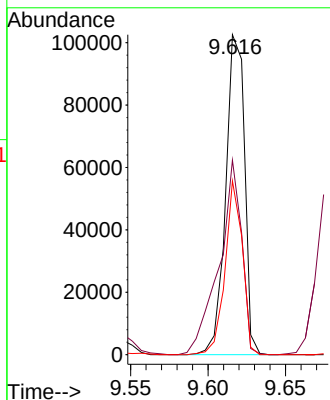
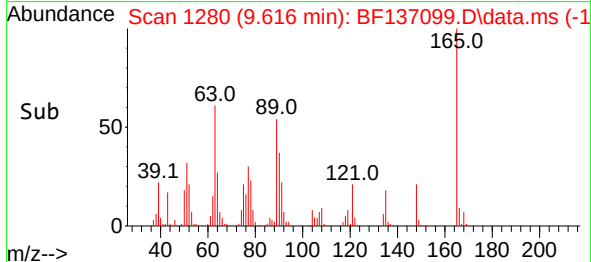
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



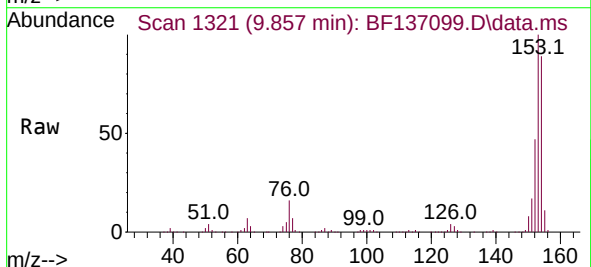
Tgt Ion:165 Resp: 86763
Ion Ratio Lower Upper
165 100
63 60.8 39.8 59.6
89 54.3 38.8 58.2

Manual Integrations
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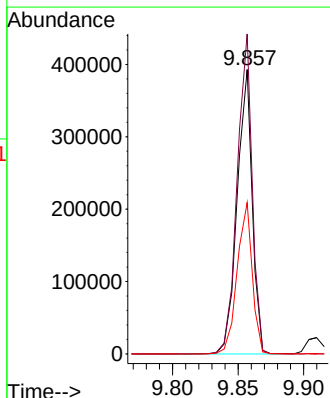
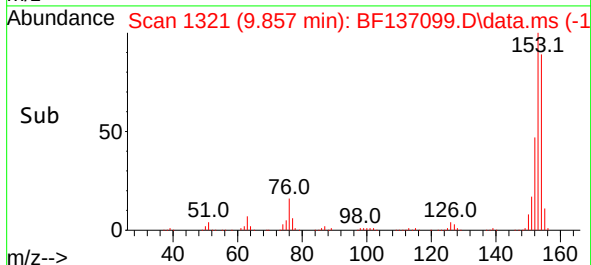
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

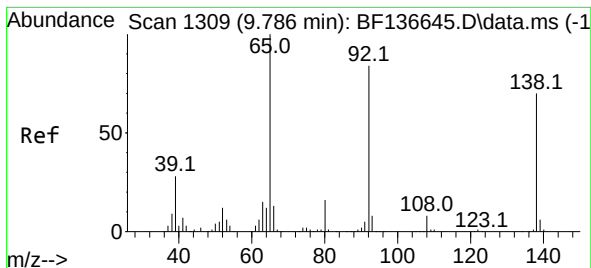


#52
Acenaphthene
Concen: 43.138 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:154 Resp: 313566
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 53.2 43.7 65.5





#53

3-Nitroaniline

Concen: 12.628 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

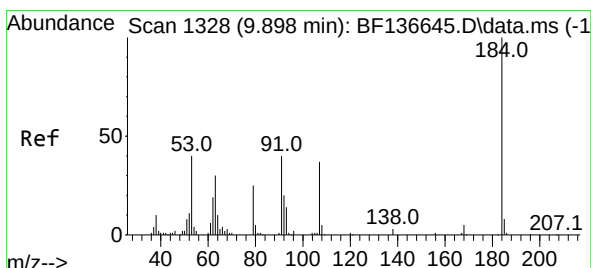
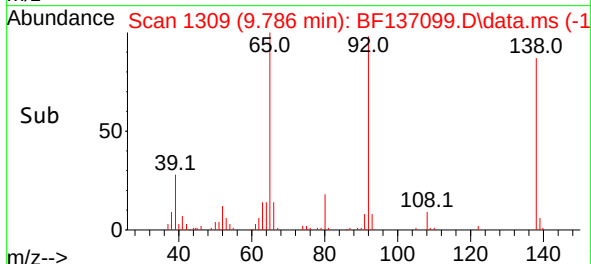
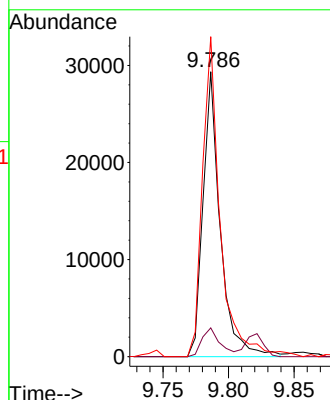
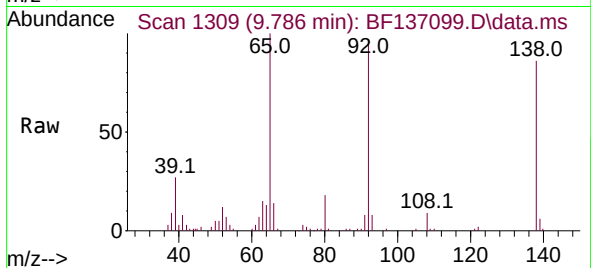
MR-314-0-2MSD

Tgt Ion:	138	Resp:	26668
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.6	12.8
92	112.4	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#54

2,4-Dinitrophenol

Concen: 41.694 ng

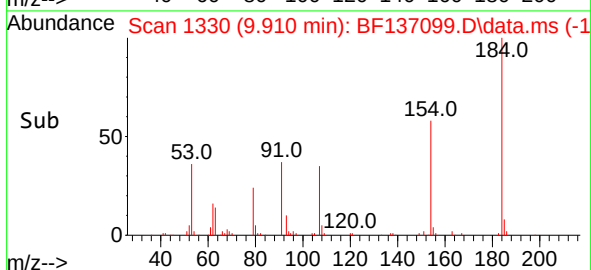
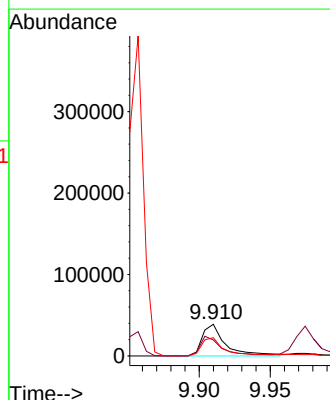
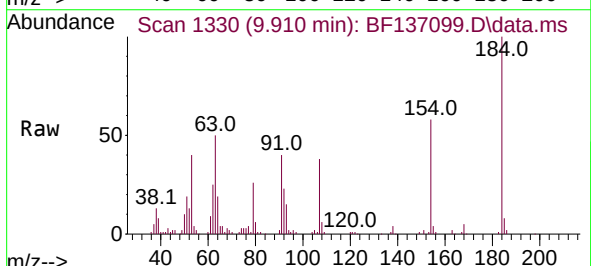
RT: 9.910 min Scan# 1330

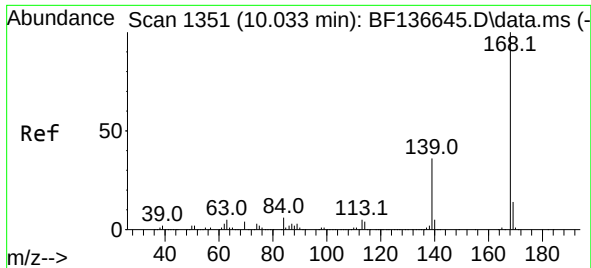
Delta R.T. 0.012 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

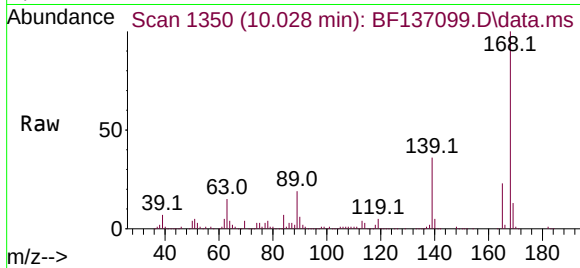
Tgt Ion:	184	Resp:	43993
Ion Ratio	Lower	Upper	
184	100		
63	50.2	40.9	61.3
154	57.6	42.7	64.1





#55
Dibenzenofuran
Concen: 43.007 ng
RT: 10.028 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

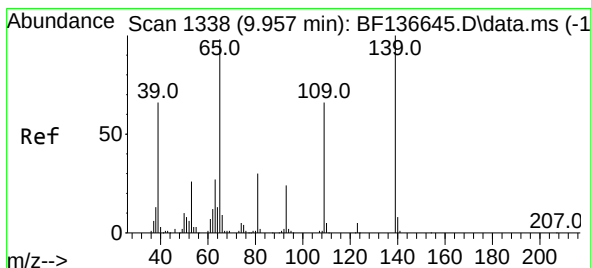
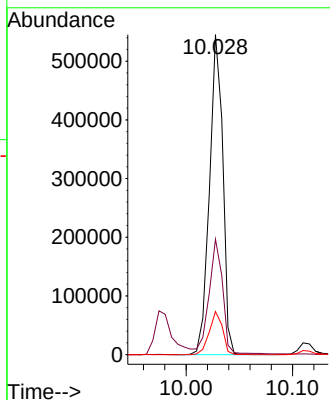
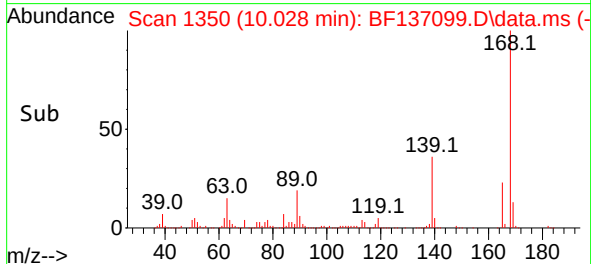
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:168 Resp: 473874
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 13.4 11.0 16.4

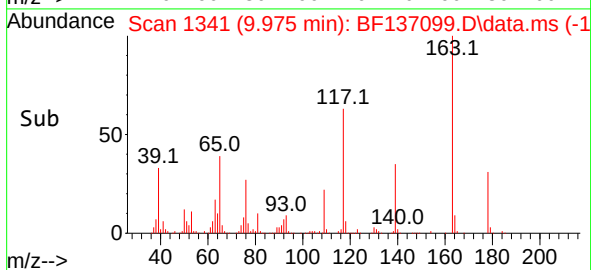
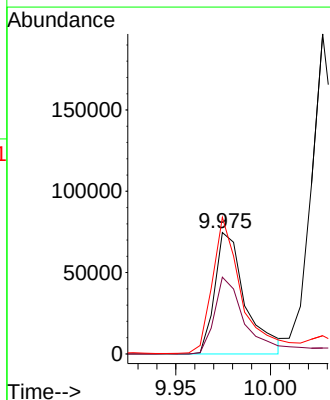
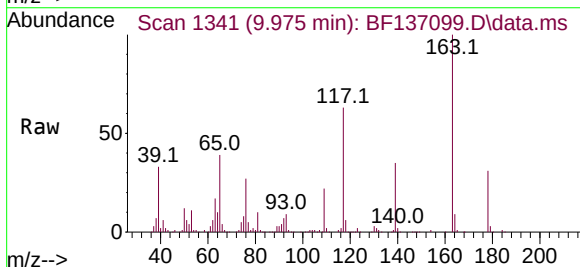
Manual Integrations
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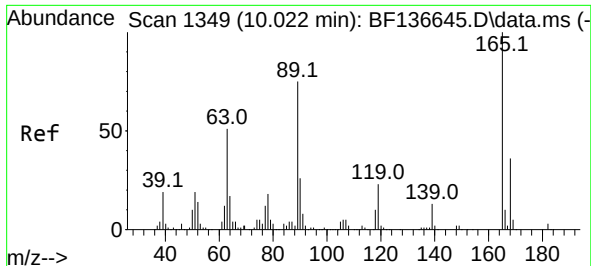
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#56
4-Nitrophenol
Concen: 58.771 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion:139 Resp: 83783
Ion Ratio Lower Upper
139 100
109 63.2 45.8 85.8
65 112.6 77.8 117.8





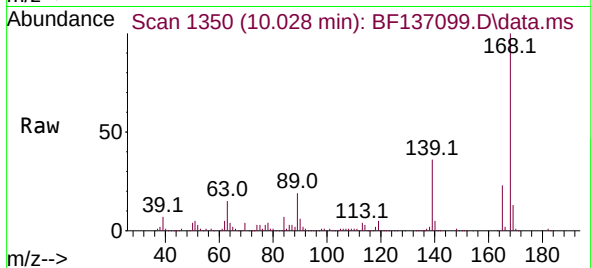
#57
2,4-Dinitrotoluene
Concen: 41.086 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

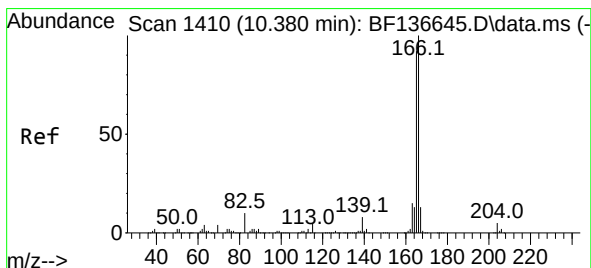
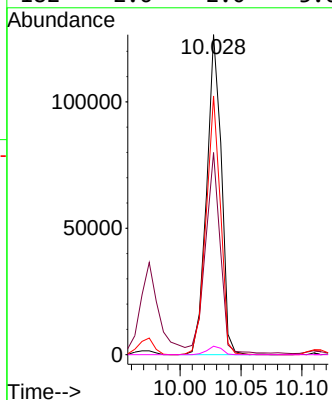
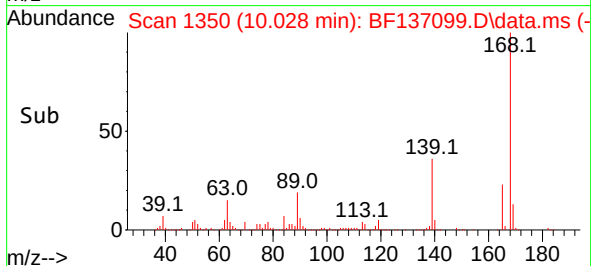


Tgt Ion:165 Resp: 106331
Ion Ratio Lower Upper
165 100
63 63.2 41.0 61.6
89 80.8 59.9 89.9
182 2.6 2.0 3.0

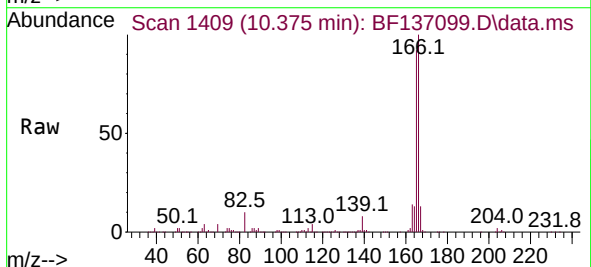
Manual Integrations

APPROVED

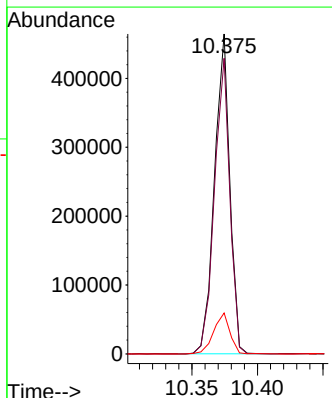
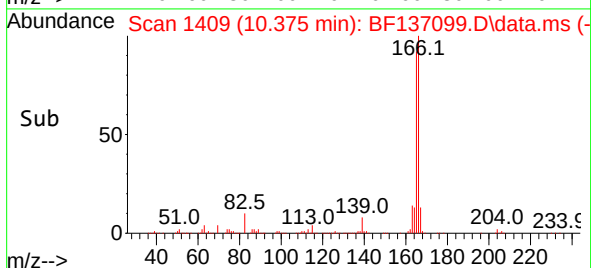
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

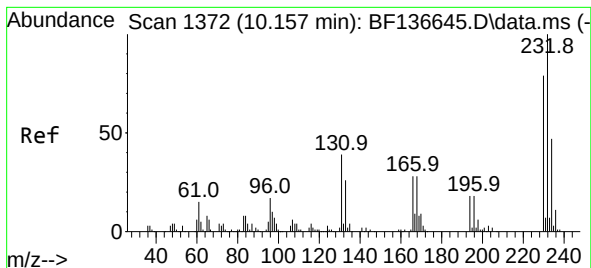


#58
Fluorene
Concen: 43.213 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



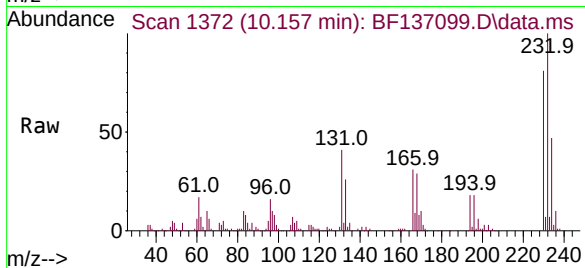
Tgt Ion:166 Resp: 377802
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 12.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.239 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

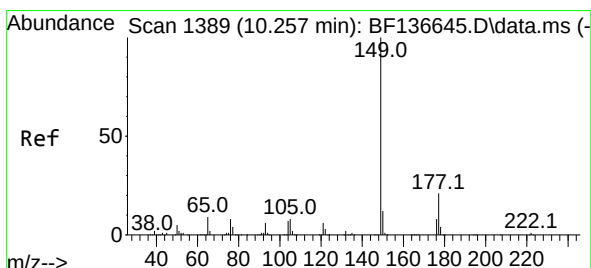
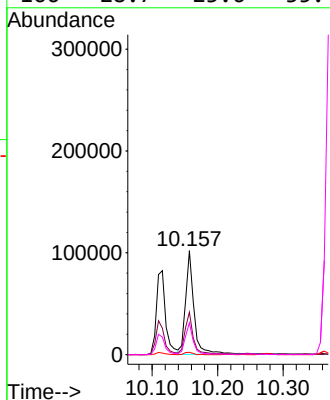
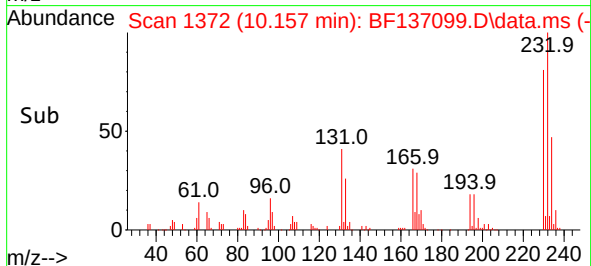
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:232 Resp: 90641
Ion Ratio Lower Upper
232 100
131 39.8 35.1 52.7
130 2.3 1.6 2.4
166 28.7 23.6 35.4

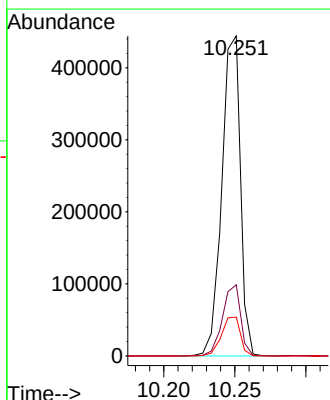
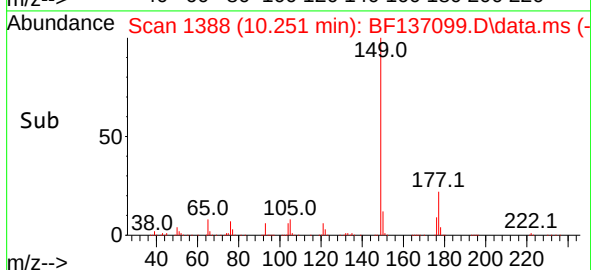
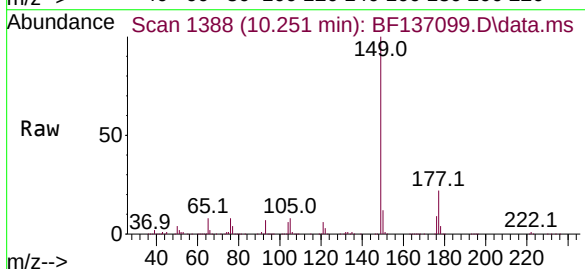
Manual Integrations
APPROVED

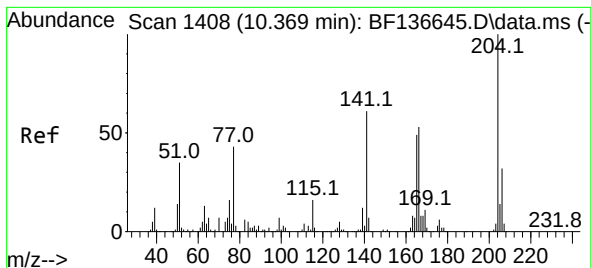
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#60
Diethylphthalate
Concen: 44.561 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

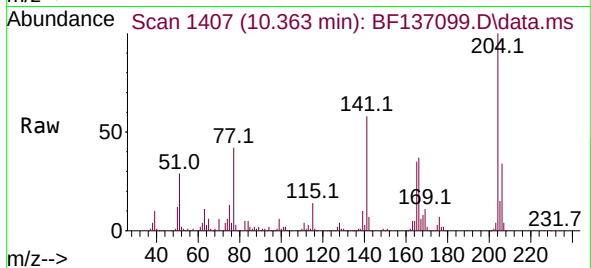
Tgt Ion:149 Resp: 406128
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.1 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 43.953 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

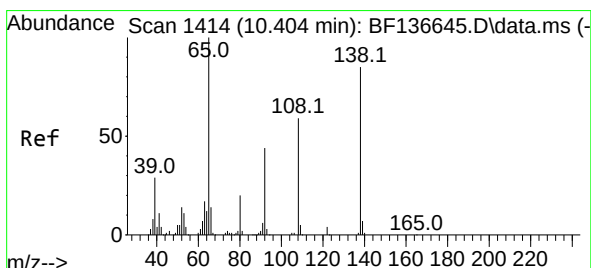
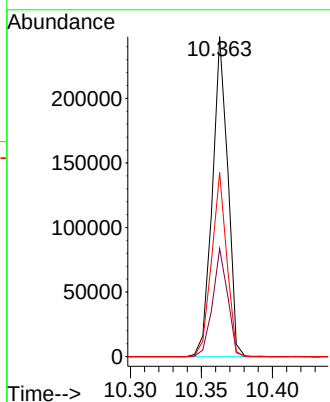
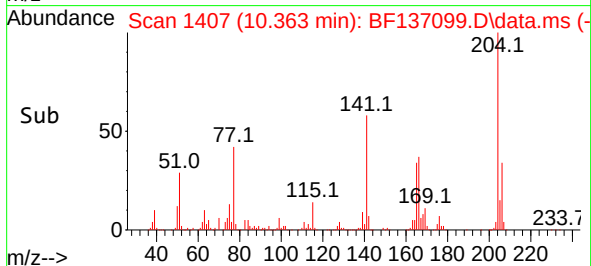
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



Tgt Ion:204 Resp: 186784
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 57.5 48.4 72.6

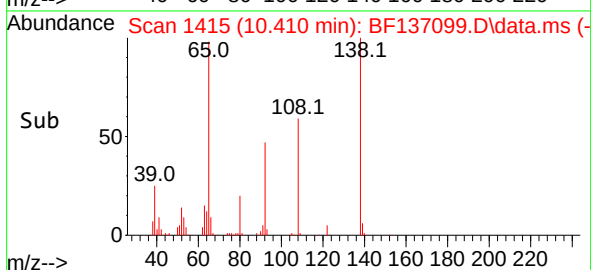
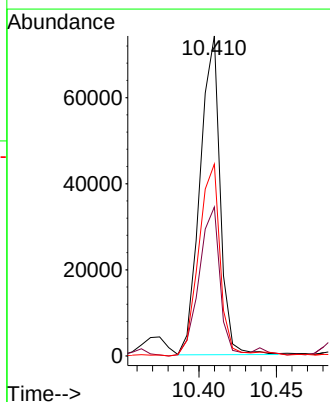
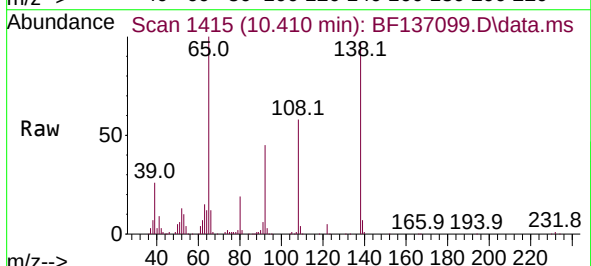
Manual Integrations
APPROVED

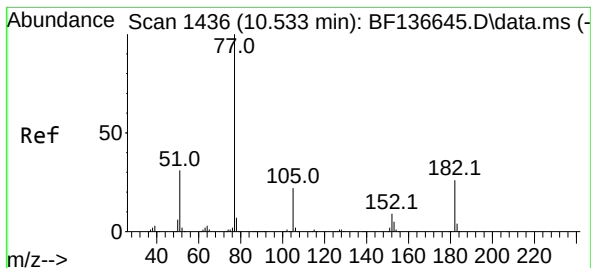
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#62
4-Nitroaniline
Concen: 32.892 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion:138 Resp: 66961
Ion Ratio Lower Upper
138 100
92 46.5 32.1 72.1
108 59.9 50.1 90.1





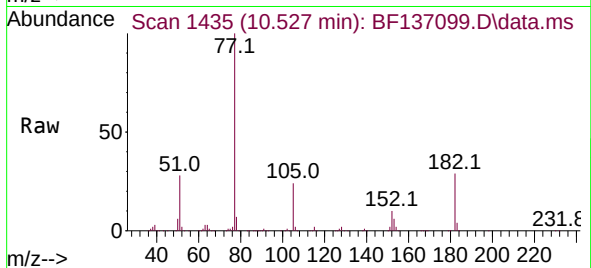
#63
Azobenzene
Concen: 41.583 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

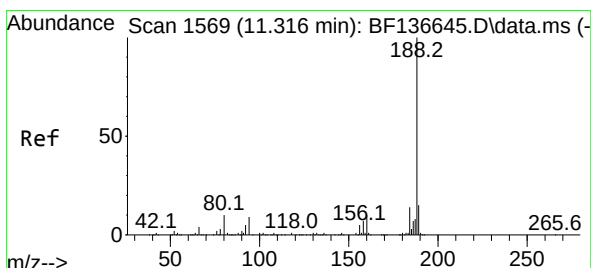
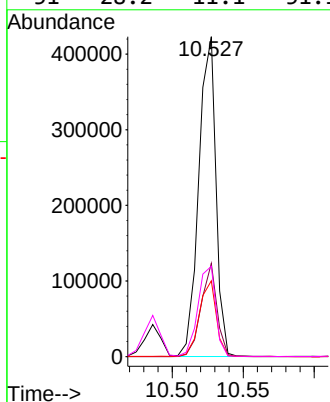
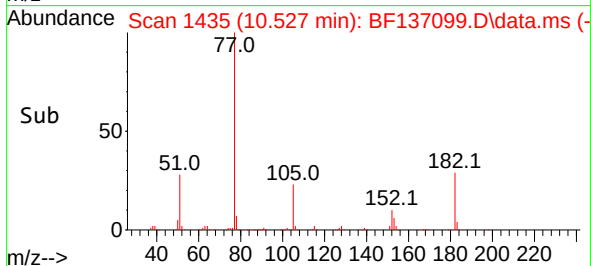


Tgt Ion: 77 Resp: 353974
Ion Ratio Lower Upper
77 100
182 29.1 6.0 46.0
105 23.7 2.3 42.3
51 28.2 11.1 51.1

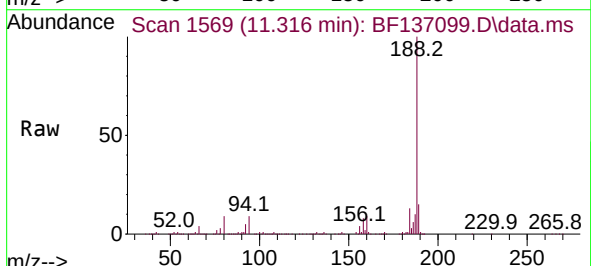
Manual Integrations

APPROVED

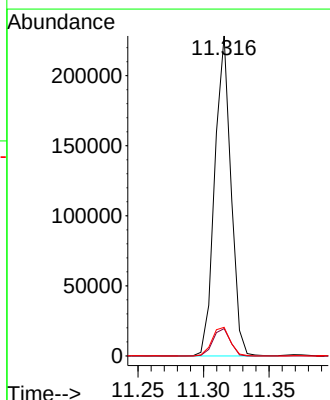
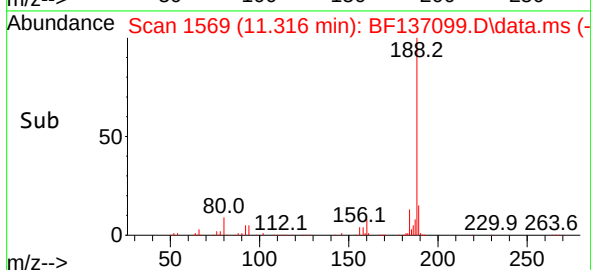
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

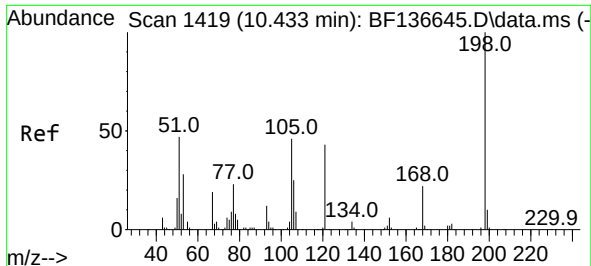


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:188 Resp: 197192
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.9 8.1 12.1





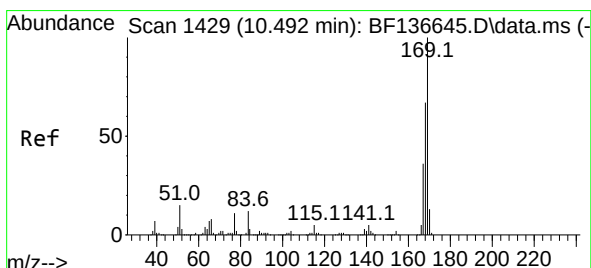
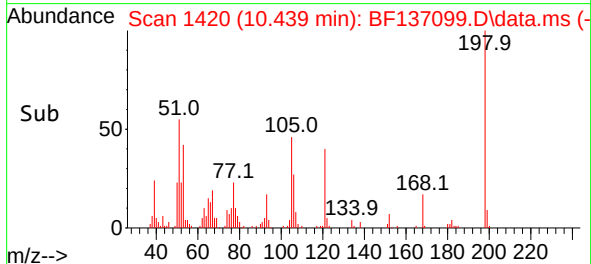
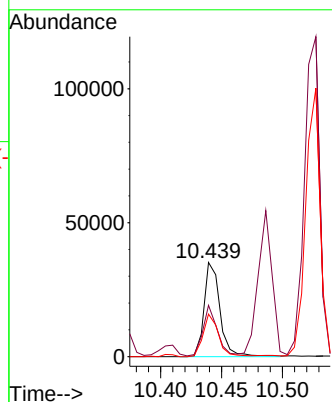
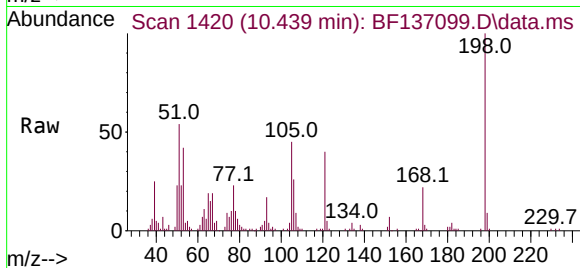
#65
4,6-Dinitro-2-methylphenol
Concen: 28.159 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:198 Resp: 31823
Ion Ratio Lower Upper
198 100
51 54.5 34.1 74.1
105 45.1 27.3 67.3

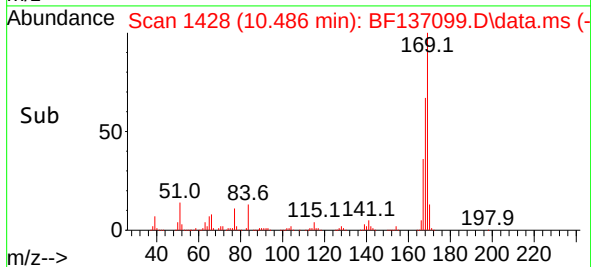
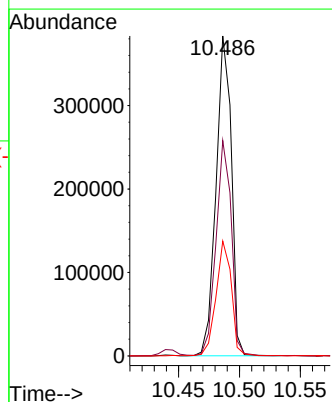
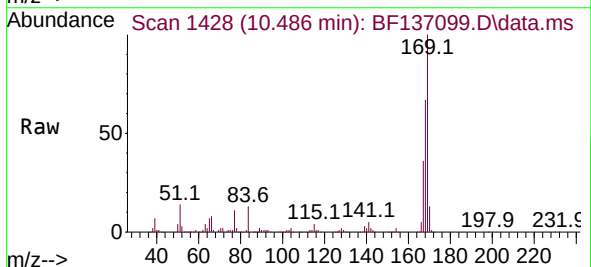
Manual Integrations
APPROVED

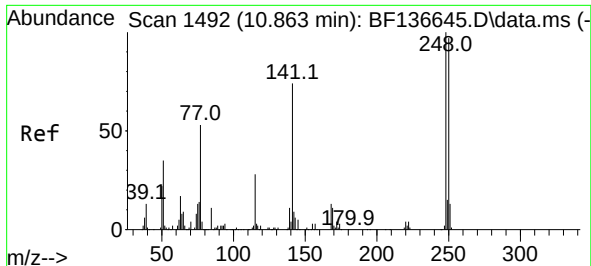
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#66
n-Nitrosodiphenylamine
Concen: 52.160 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Tgt Ion:169 Resp: 334119
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 35.9 28.7 43.1





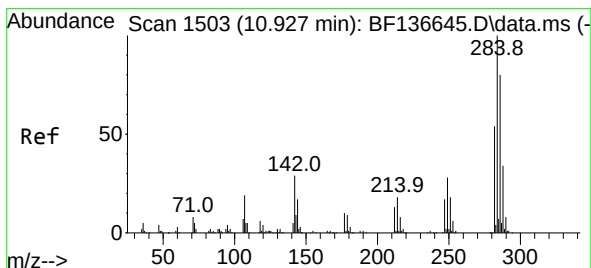
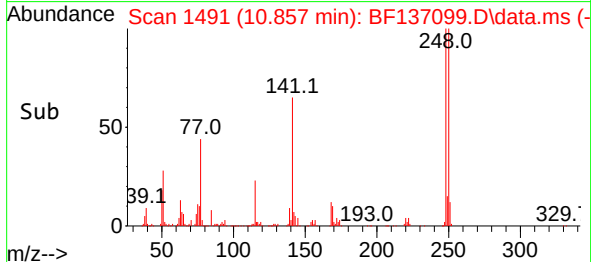
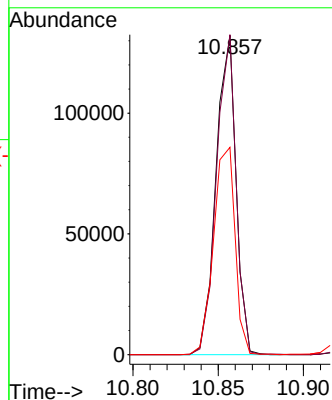
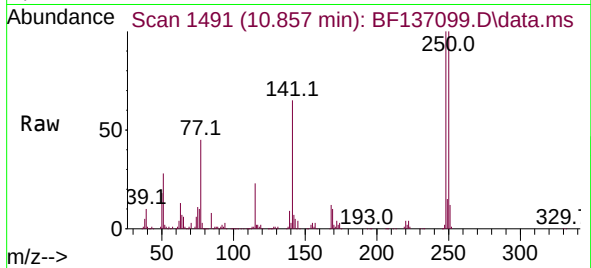
#67
4-Bromophenyl-phenylether
Concen: 49.230 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:248 Resp: 107813
Ion Ratio Lower Upper
248 100
250 100.3 77.8 116.6
141 65.0 59.2 88.8

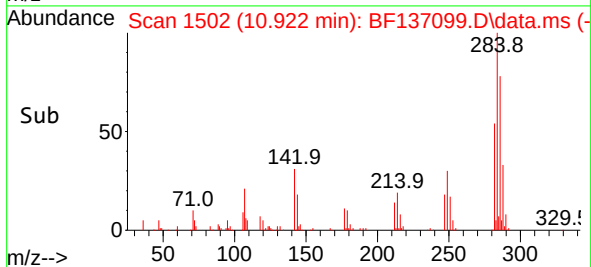
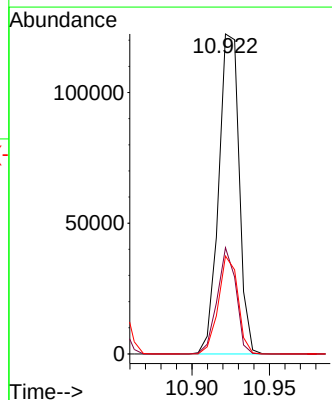
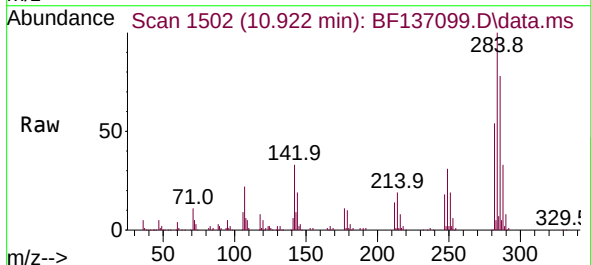
Manual Integrations
APPROVED

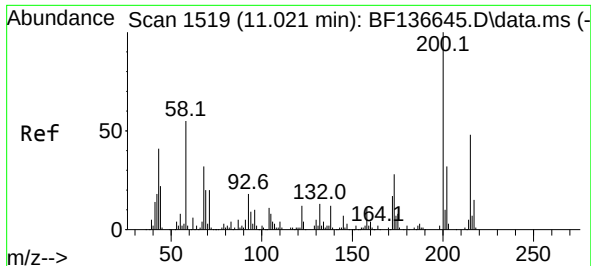
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#68
Hexachlorobenzene
Concen: 46.254 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

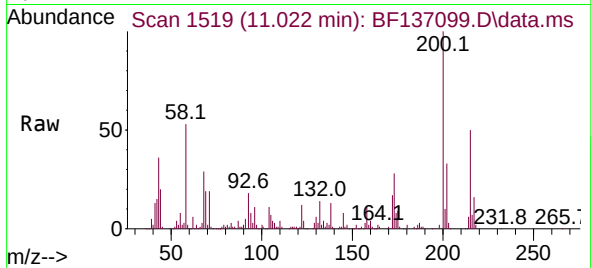
Tgt Ion:284 Resp: 112884
Ion Ratio Lower Upper
284 100
142 33.2 23.4 35.0
249 30.6 22.3 33.5





#69
Atrazine
Concen: 63.252 ng
RT: 11.022 min Scan# 11022
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

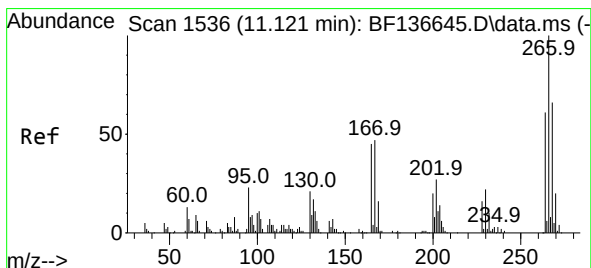
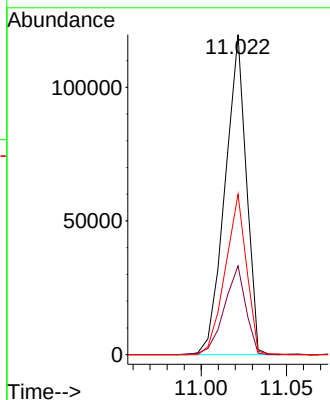
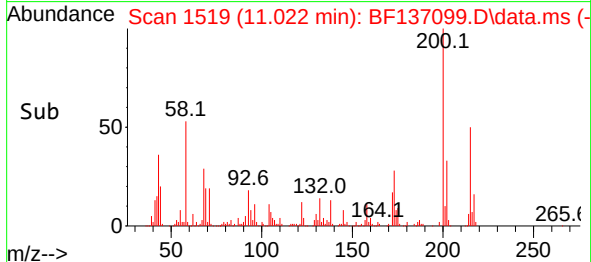
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



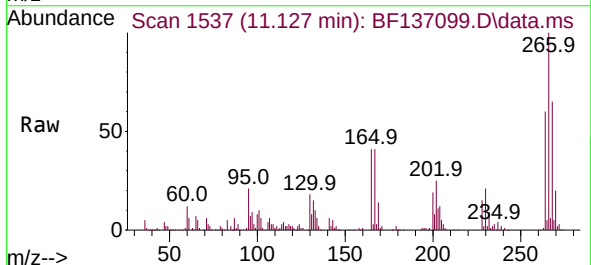
Tgt Ion:200 Resp: 103632
Ion Ratio Lower Upper
200 100
173 27.7 7.6 47.6
215 50.1 28.3 68.3

Manual Integrations
APPROVED

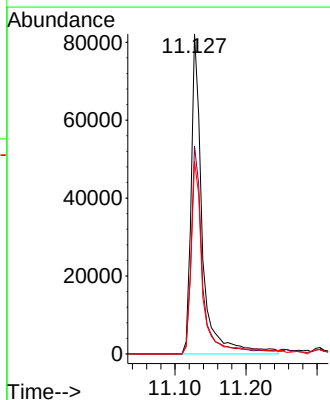
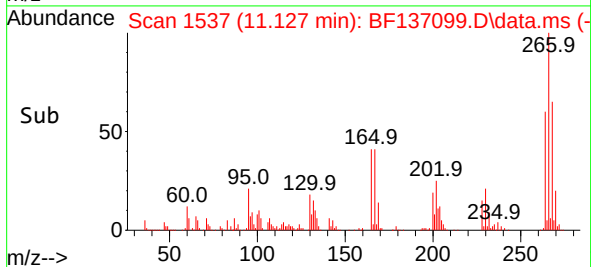
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

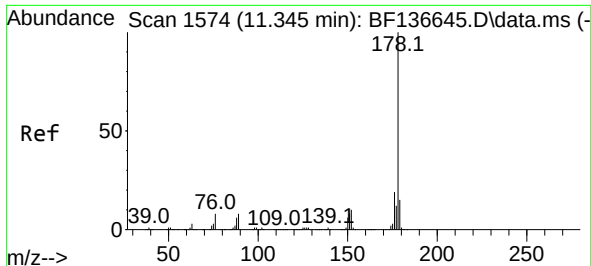


#70
Pentachlorophenol
Concen: 78.725 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:266 Resp: 89554
Ion Ratio Lower Upper
266 100
268 64.9 52.6 78.8
264 60.2 49.0 73.4





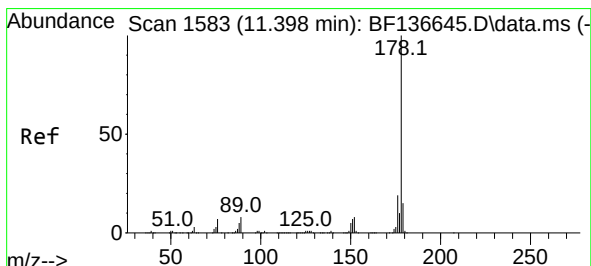
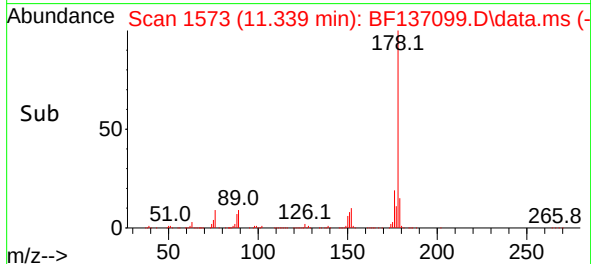
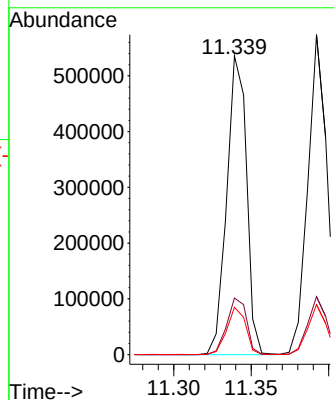
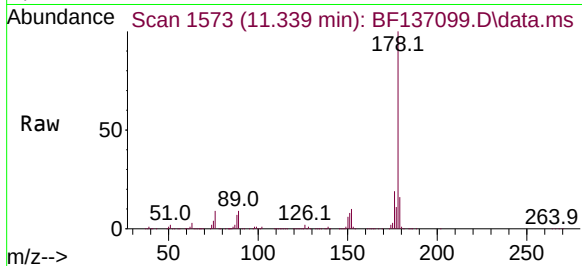
#71
Phenanthrene
Concen: 47.021 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:178 Resp: 475765
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 11.9 17.9

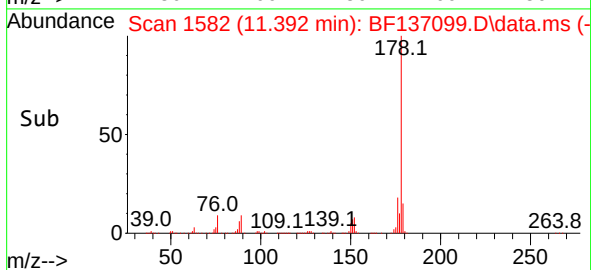
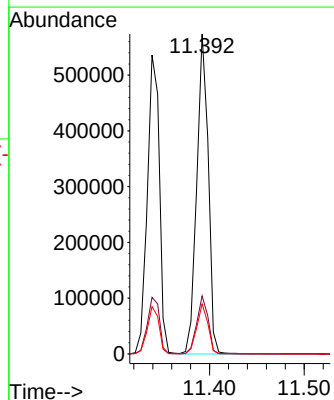
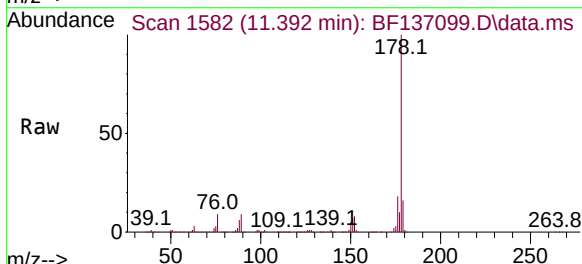
Manual Integrations
APPROVED

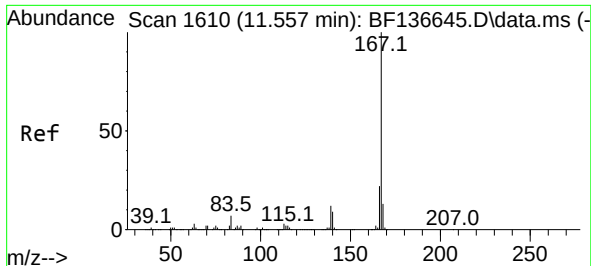
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#72
Anthracene
Concen: 47.047 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

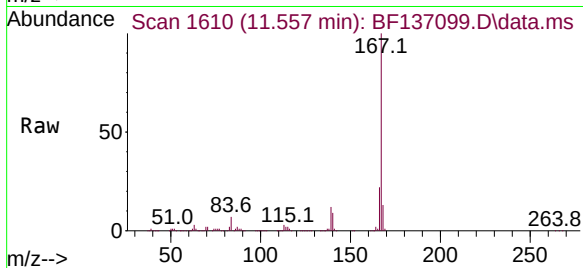
Tgt Ion:178 Resp: 482088
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.6 11.8 17.6





#73
 Carbazole
 Concen: 44.466 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137099.D
 Acq: 17 Jan 2024 18:06

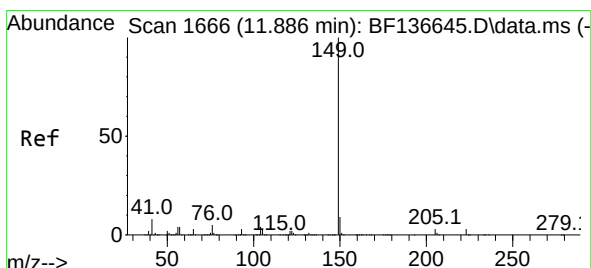
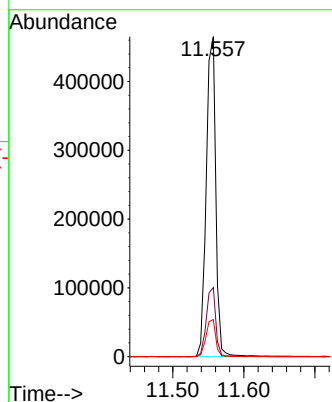
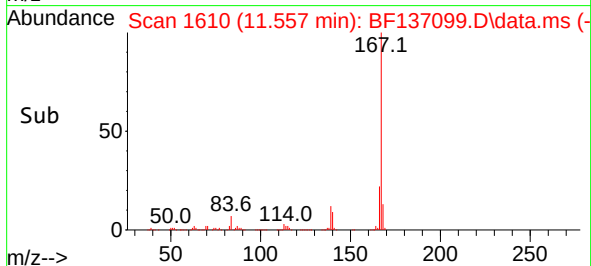
Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MSD



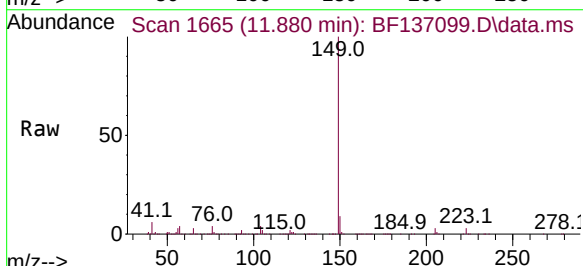
Tgt Ion:167 Resp: 429583
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 11.6 9.8 14.6

Manual Integrations
 APPROVED

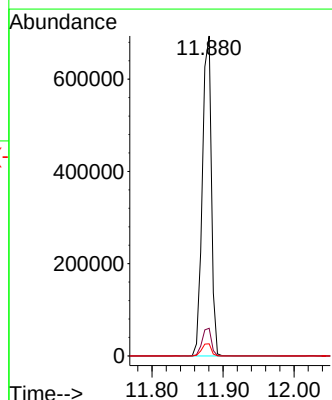
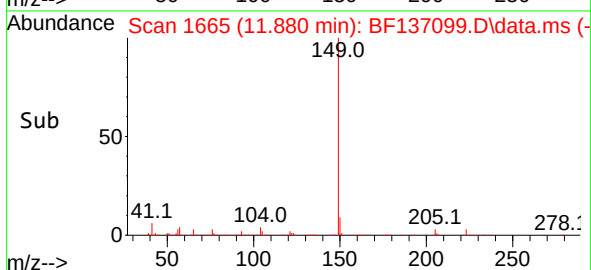
Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :mohammad ahmed 01/19/2024

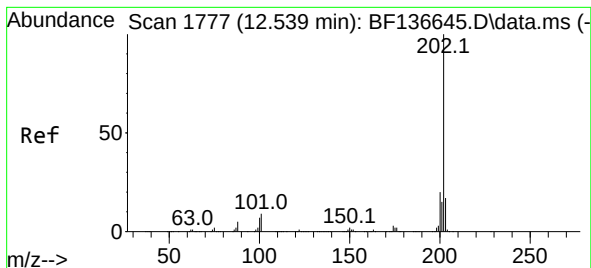


#74
 Di-n-butylphthalate
 Concen: 51.460 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137099.D
 Acq: 17 Jan 2024 18:06



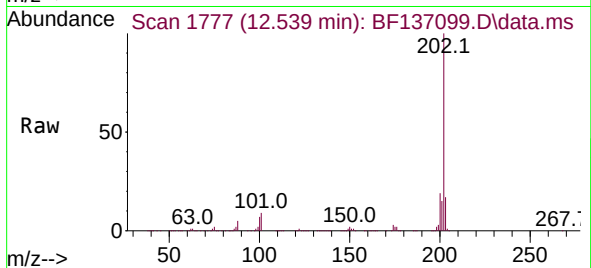
Tgt Ion:149 Resp: 606645
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.2
 104 3.8 3.6 5.4





#75
Fluoranthene
Concen: 40.088 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

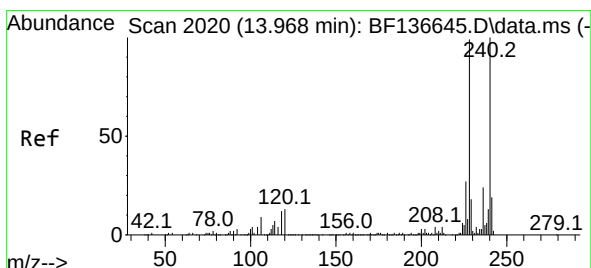
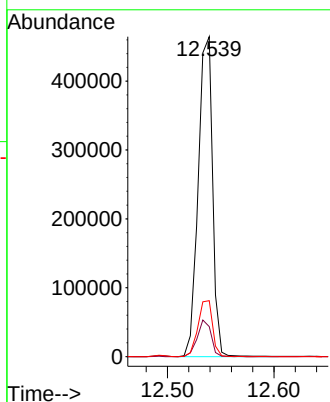
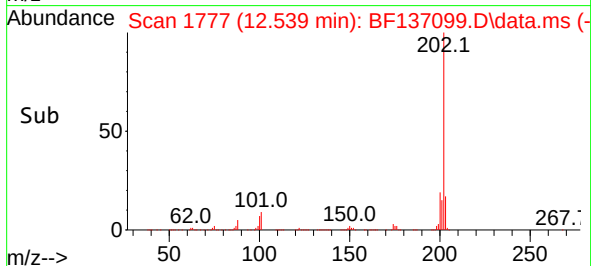
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



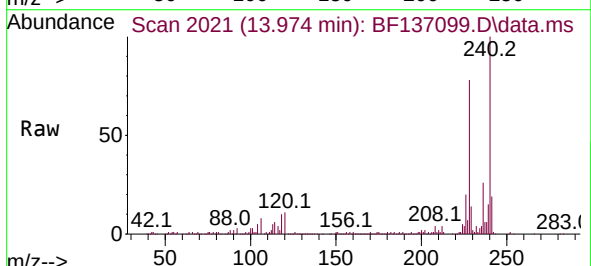
Tgt Ion:202 Resp: 433863
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.5 0.0 37.1

Manual Integrations
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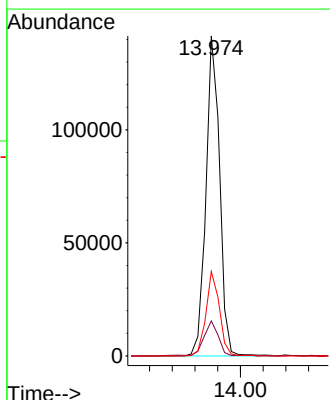
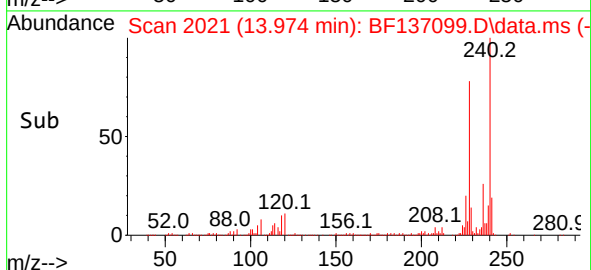
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

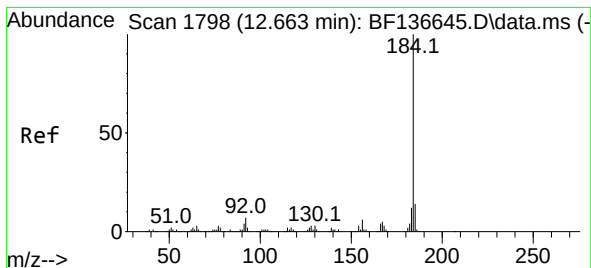


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:240 Resp: 118806
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 26.4 19.4 29.2





#77

Benzidine

Concen: 24.580 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

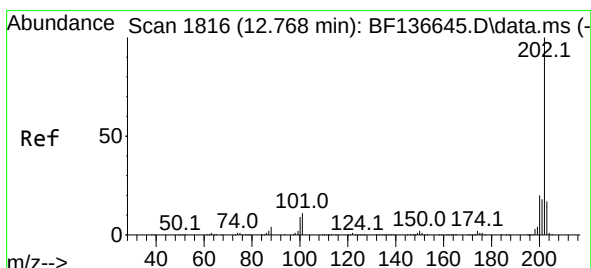
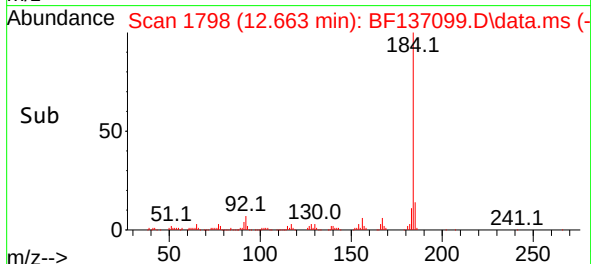
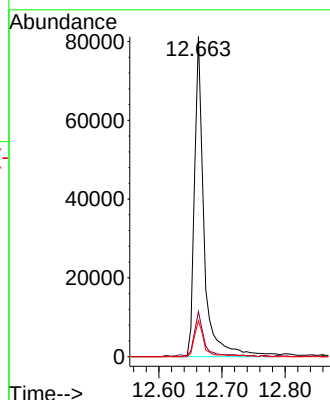
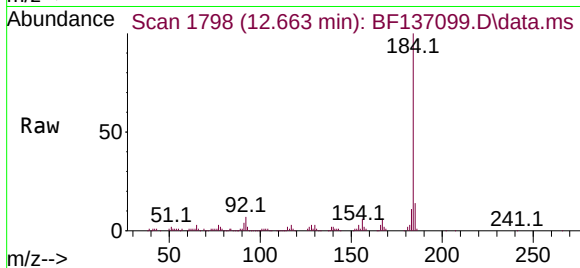
MR-314-0-2MSD

Tgt Ion:	184	Resp:	86105
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.2	16.8
183	11.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#78

Pyrene

Concen: 37.494 ng

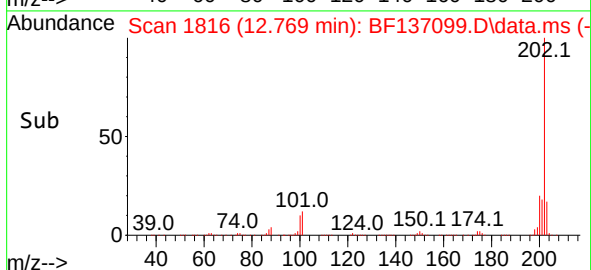
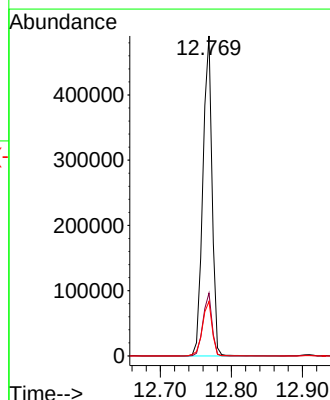
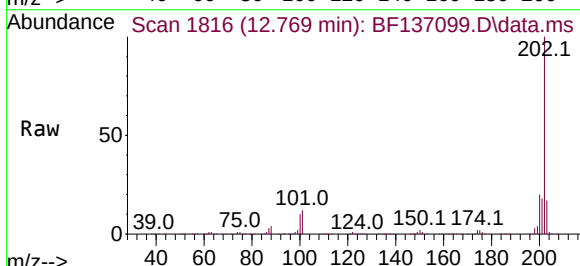
RT: 12.769 min Scan# 1816

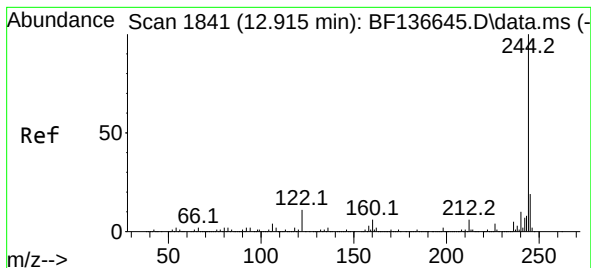
Delta R.T. 0.000 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:	202	Resp:	437285
Ion Ratio	Lower	Upper	
202	100		
200	19.6	15.9	23.9
203	17.0	13.8	20.6





#79

Terphenyl-d14

Concen: 78.784 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137099.D

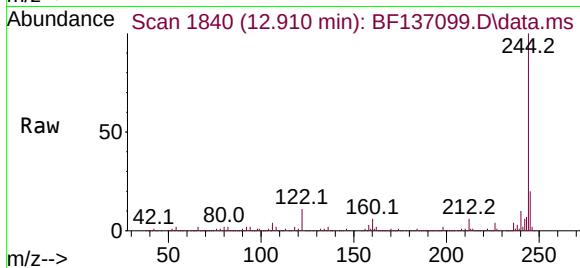
Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD



Tgt Ion:244 Resp: 669784

Ion Ratio Lower Upper

244 100

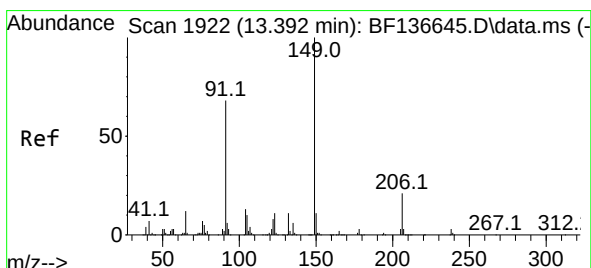
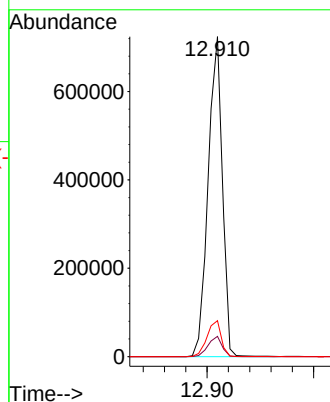
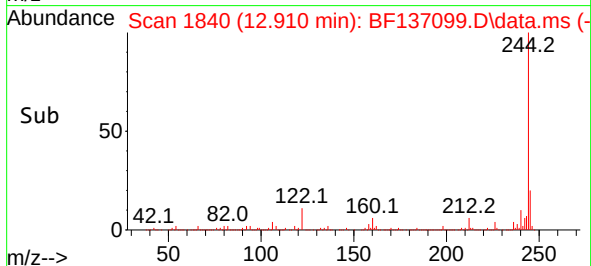
212 6.3 5.0 7.4

122 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#80

Butylbenzylphthalate

Concen: 45.774 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

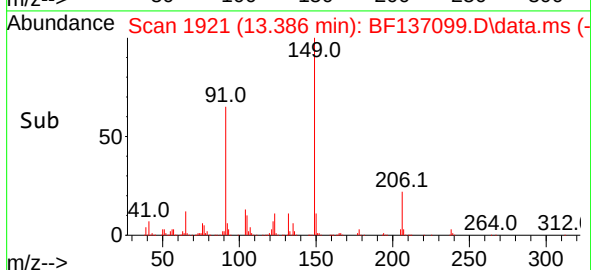
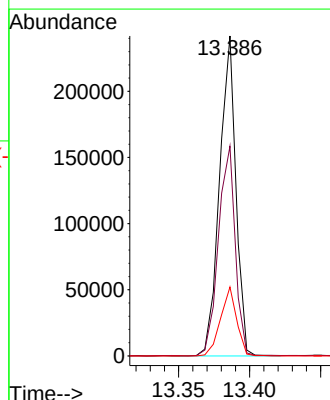
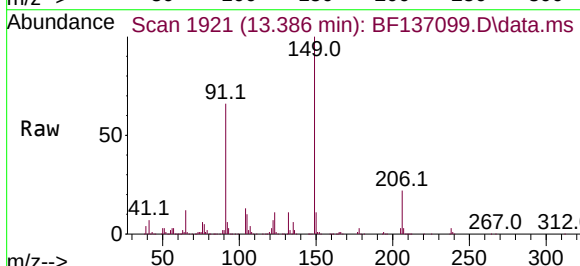
Tgt Ion:149 Resp: 194255

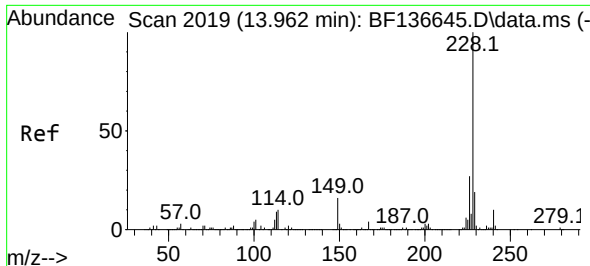
Ion Ratio Lower Upper

149 100

91 65.5 54.1 81.1

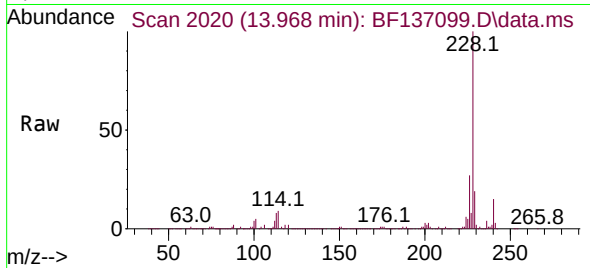
206 21.5 17.1 25.7





#81
Benzo(a)anthracene
Concen: 46.782 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

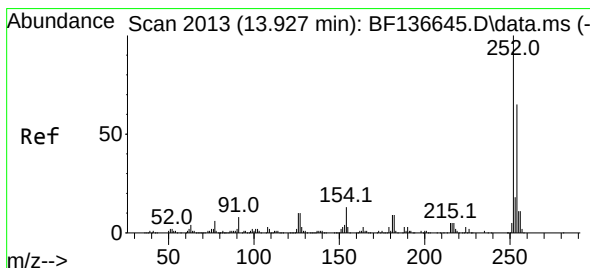
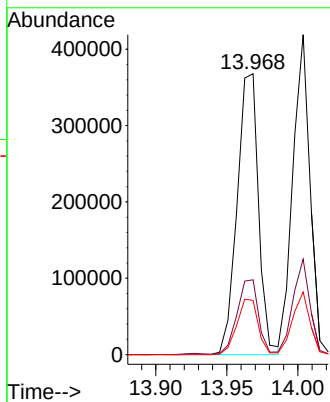
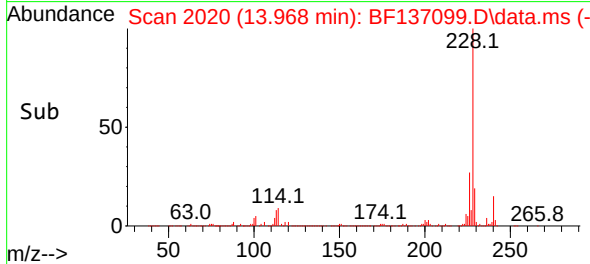
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



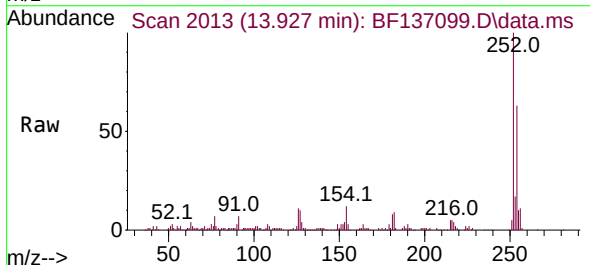
Tgt Ion:228 Resp: 38594
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 14.9 22.3

Manual Integrations
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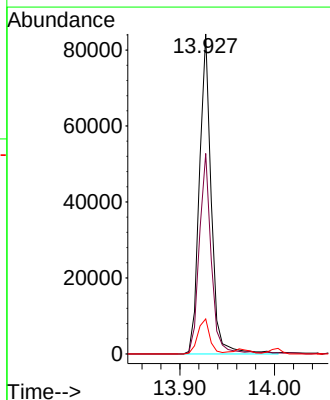
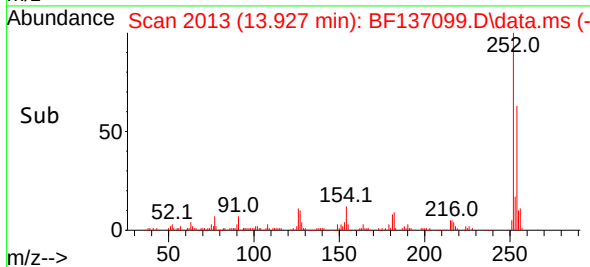
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

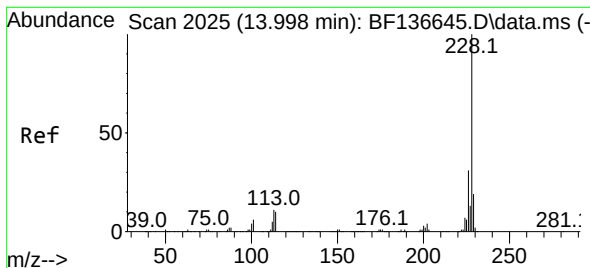


#82
3,3'-Dichlorobenzidine
Concen: 31.287 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:252 Resp: 73300
Ion Ratio Lower Upper
252 100
254 62.6 52.2 78.4
126 10.9 8.0 12.0





#83

Chrysene

Concen: 44.049 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

Tgt Ion:228 Resp: 355360

Ion Ratio Lower Upper

228 100

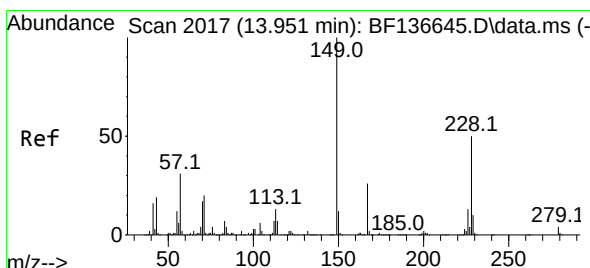
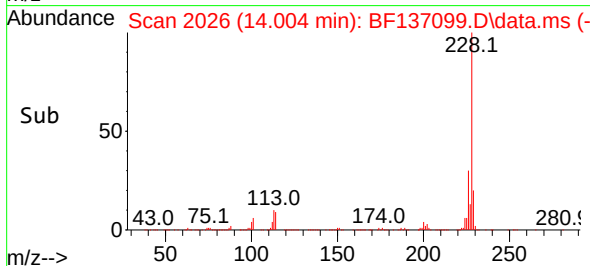
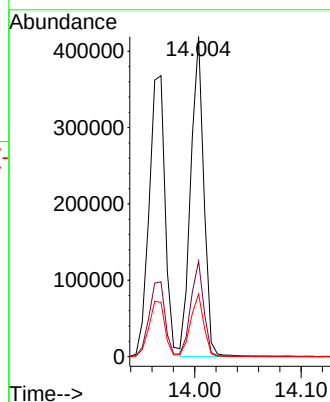
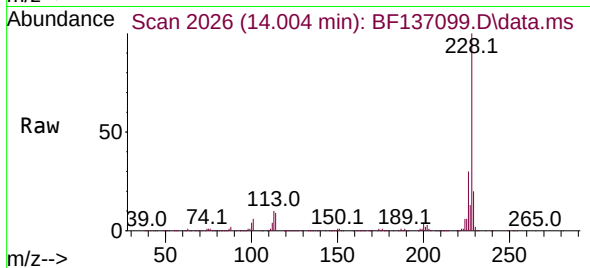
226 29.8 24.7 37.1

229 19.6 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.618 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

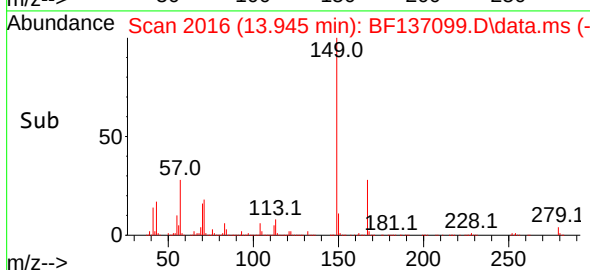
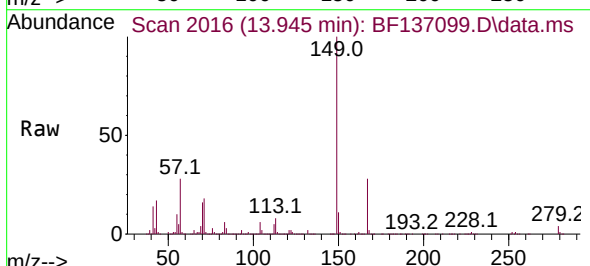
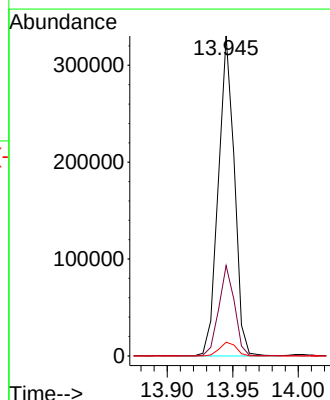
Tgt Ion:149 Resp: 280952

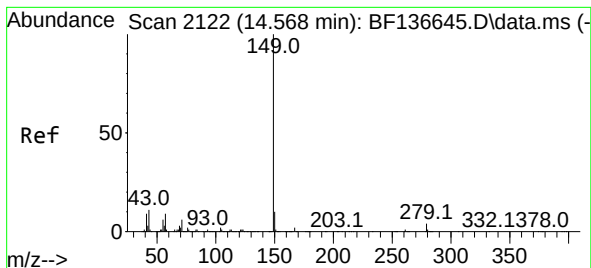
Ion Ratio Lower Upper

149 100

167 28.2 20.9 31.3

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 57.106 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

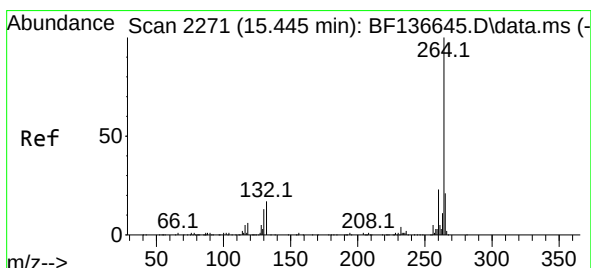
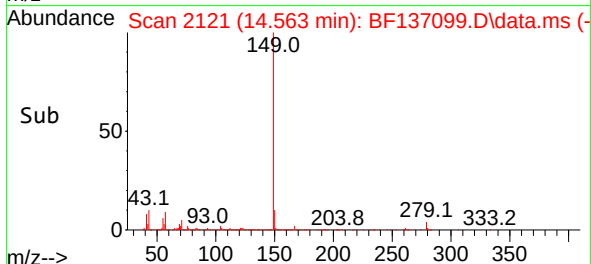
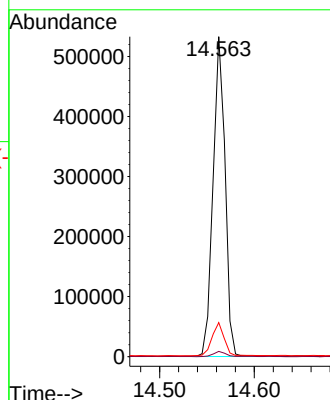
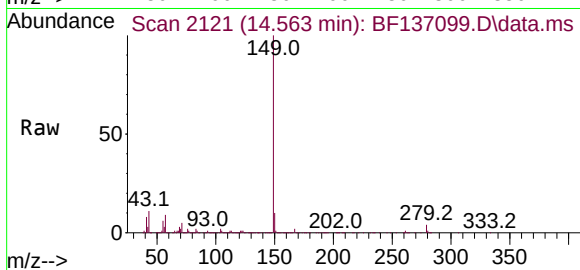
MR-314-0-2MSD

Tgt Ion:149 Resp: 471653
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :mohammad ahmed 01/19/2024



#86

Perylene-d12

Concen: 20.000 ng

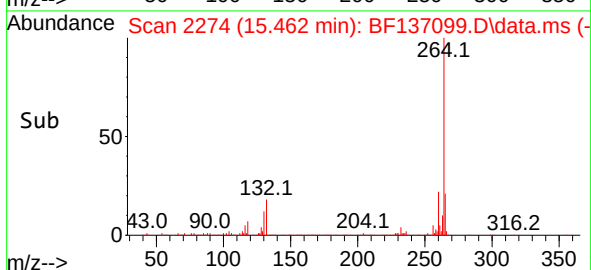
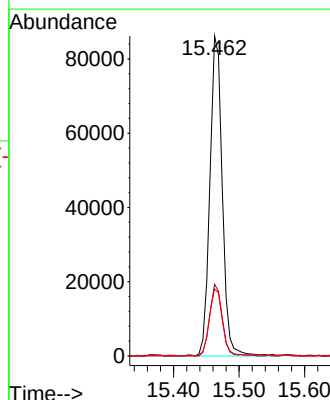
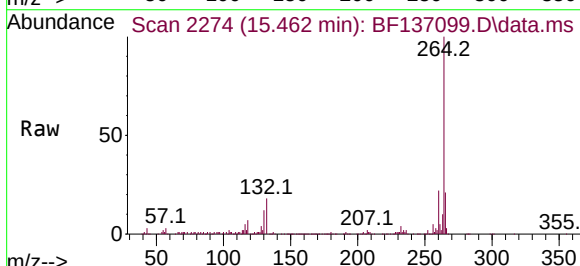
RT: 15.462 min Scan# 2274

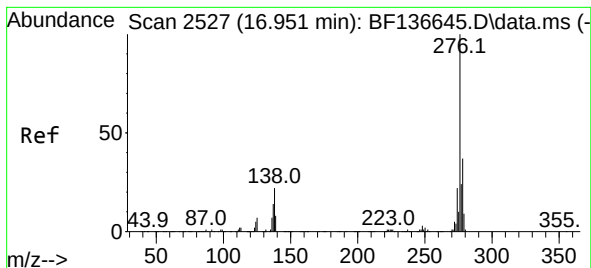
Delta R.T. 0.018 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Tgt Ion:264 Resp: 113349
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.372 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MSD

Tgt Ion:276 Resp: 281302

Ion Ratio Lower Upper

276 100

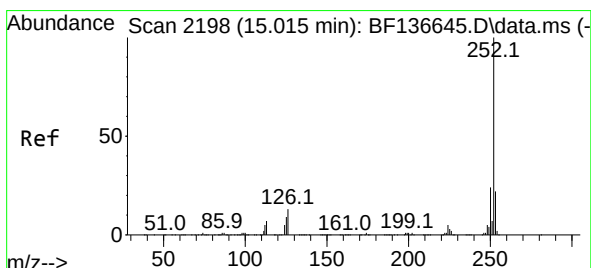
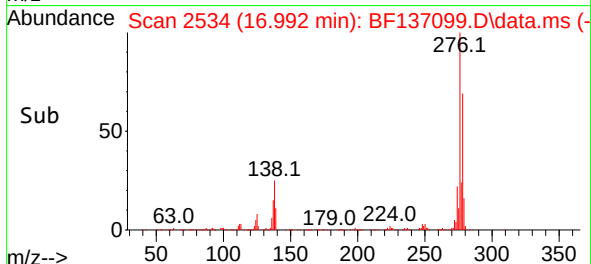
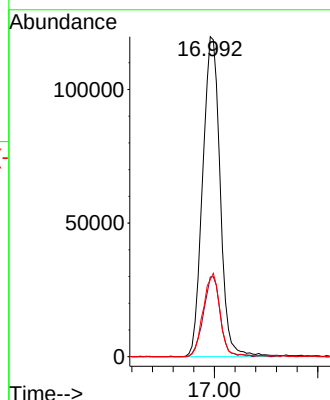
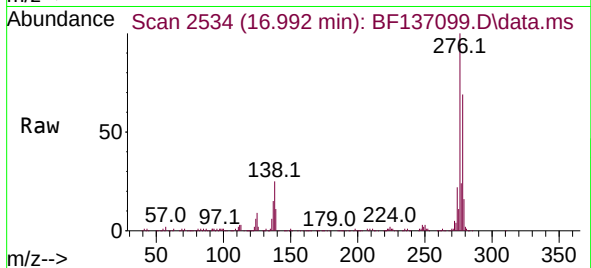
138 24.1 18.7 28.1

277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#88

Benzo(b)fluoranthene

Concen: 48.293 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137099.D

Acq: 17 Jan 2024 18:06

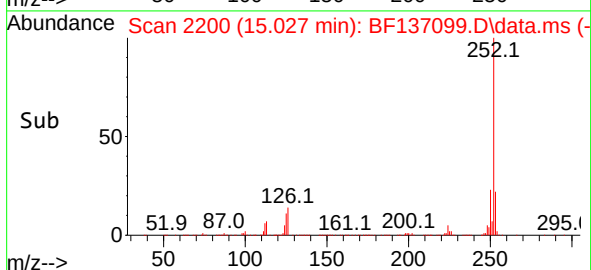
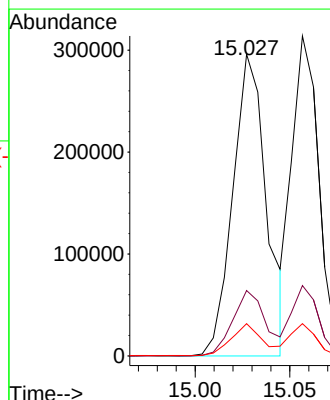
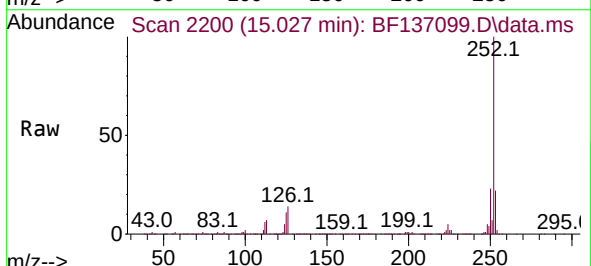
Tgt Ion:252 Resp: 365610

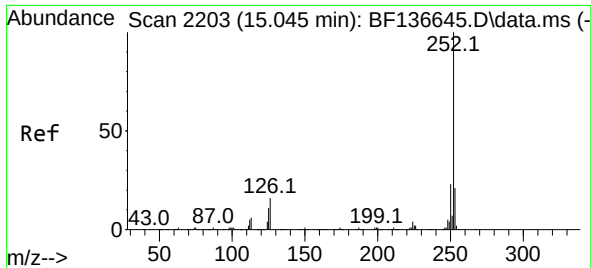
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.7 7.4 11.2





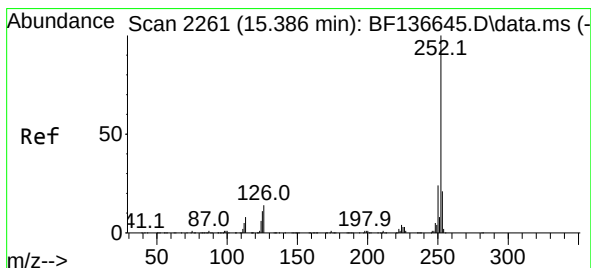
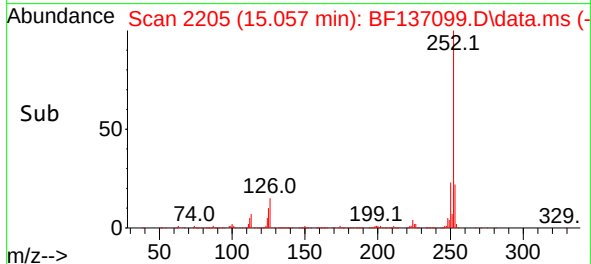
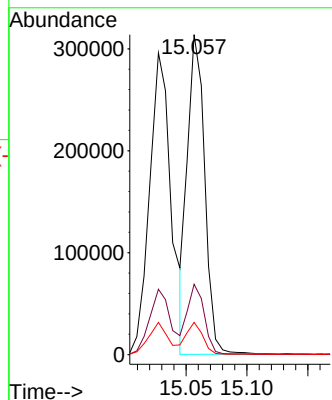
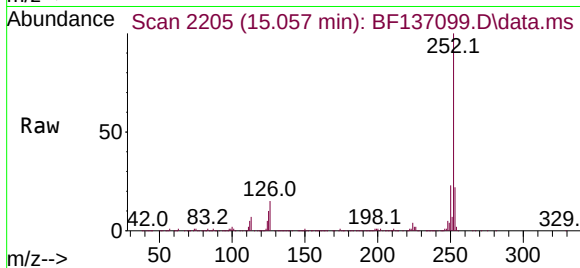
#89
Benzo(k)fluoranthene
Concen: 43.433 ng
RT: 15.057 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD

Tgt Ion:252 Resp: 310701
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.1 8.2 12.4

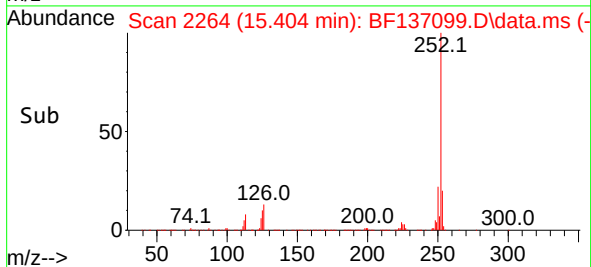
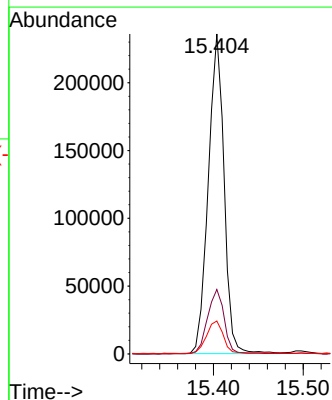
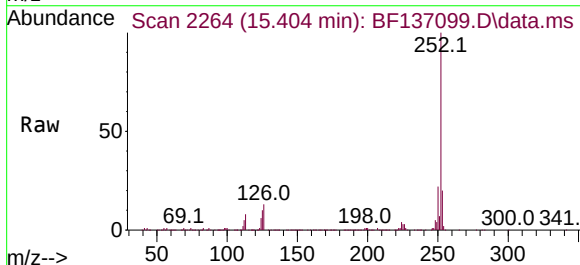
Manual Integrations
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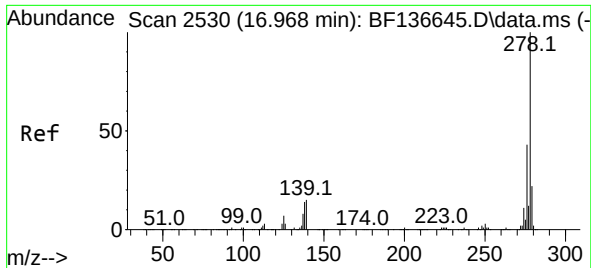
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#90
Benzo(a)pyrene
Concen: 45.060 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

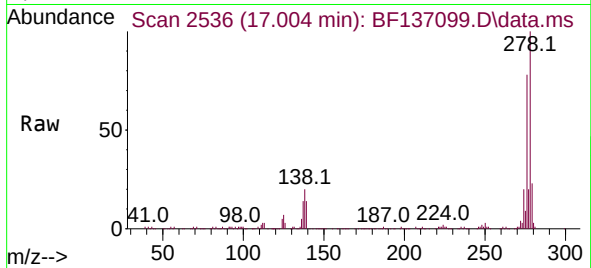
Tgt Ion:252 Resp: 287954
Ion Ratio Lower Upper
252 100
253 20.1 17.0 25.6
125 10.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 36.609 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06

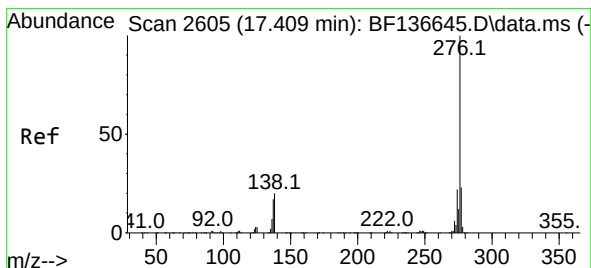
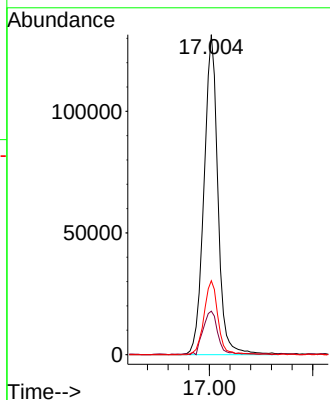
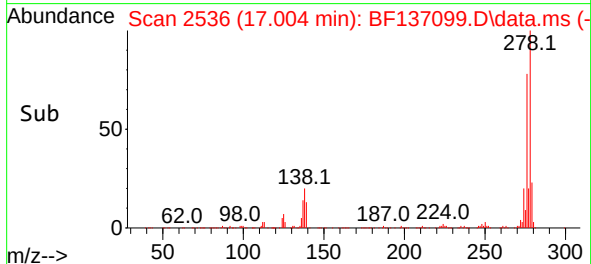
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MSD



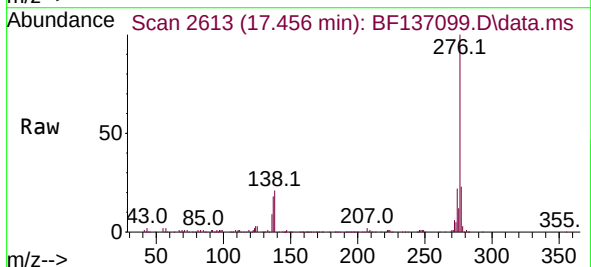
Tgt Ion:278 Resp: 245794
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 23.1 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024



#92
Benzo(g,h,i)perylene
Concen: 31.225 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137099.D
Acq: 17 Jan 2024 18:06



Tgt Ion:276 Resp: 214726
Ion Ratio Lower Upper
276 100
277 22.7 18.3 27.5
138 20.8 15.6 23.4

