

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137979.D
 Acq On : 21 May 2024 15:38
 Operator : CG\JU
 Sample : P2500-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 15:59:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	116614	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	444728	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	241401	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	403459	20.000	ng	0.00
76) Chrysene-d12	14.233	240	321245	20.000	ng	0.00
86) Perylene-d12	15.792	264	335088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	685668	99.877	ng	0.00
7) Phenol-d6	6.645	99	840526	99.391	ng	-0.01
23) Nitrobenzene-d5	7.592	82	506196	66.984	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	264851	108.811	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1080861	68.970	ng	0.00
79) Terphenyl-d14	13.163	244	1203499	55.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.940	88	109898	36.953	ng	98
3) Pyridine	3.716	79	258978	38.809	ng	99
4) n-Nitrosodimethylamine	3.675	42	134011	45.522	ng	# 97
6) Aniline	6.692	93	315446m	41.704	ng	
8) 2-Chlorophenol	6.816	128	351105	47.259	ng	99
9) Benzaldehyde	6.587	77	72346	15.812	ng	97
10) Phenol	6.663	94	393754	46.129	ng	95
11) bis(2-Chloroethyl)ether	6.763	93	303816	46.356	ng	100
12) 1,3-Dichlorobenzene	6.975	146	371737	43.246	ng	98
13) 1,4-Dichlorobenzene	7.051	146	375521	43.523	ng	100
14) 1,2-Dichlorobenzene	7.204	146	363313	44.740	ng	98
15) Benzyl Alcohol	7.169	79	278534	49.324	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.292	45	383182	47.563	ng	98
17) 2-Methylphenol	7.269	107	271620	45.844	ng	98
18) Hexachloroethane	7.545	117	129297	44.284	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	220918	46.498	ng	97
20) 3+4-Methylphenols	7.422	107	353350	45.523	ng	96
22) Acetophenone	7.439	105	467709	46.946	ng	98
24) Nitrobenzene	7.616	77	334355	43.614	ng	99
25) Isophorone	7.851	82	607430	46.314	ng	96
26) 2-Nitrophenol	7.928	139	183702	47.690	ng	97
27) 2,4-Dimethylphenol	7.957	122	245792	49.561	ng	99
28) bis(2-Chloroethoxy)met...	8.057	93	368223	46.323	ng	99
29) 2,4-Dichlorophenol	8.169	162	287937	46.170	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	310883	44.647	ng	99
31) Naphthalene	8.339	128	1003699	44.886	ng	99
32) Benzoic acid	8.057	122	189061	45.097	ng	95
33) 4-Chloroaniline	8.380	127	201154	27.441	ng	100
34) Hexachlorobutadiene	8.451	225	192236	43.617	ng	99
35) Caprolactam	8.751	113	86705m	47.988	ng	
36) 4-Chloro-3-methylphenol	8.857	107	293901	46.326	ng	98
37) 2-Methylnaphthalene	9.033	142	655385	45.596	ng	98
38) 1-Methylnaphthalene	9.133	142	600724	42.512	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	313493	47.768	ng	99
41) Hexachlorocyclopentadiene	9.180	237	342893	137.504	ng	98
43) 2,4,6-Trichlorophenol	9.304	196	209410	48.666	ng	98

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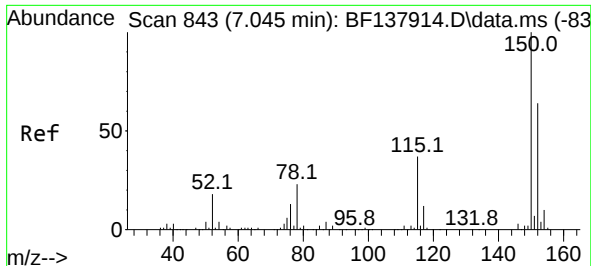
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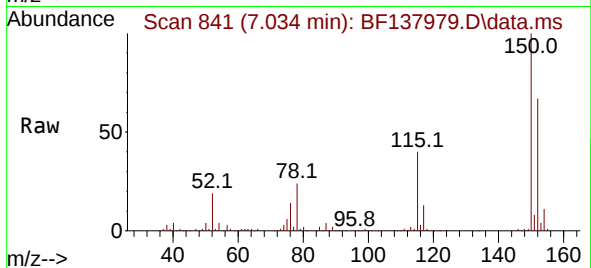
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	221713	47.090	ng	96
46) 1,1'-Biphenyl	9.498	154	802023	47.368	ng	99
47) 2-Chloronaphthalene	9.527	162	611643	45.254	ng	100
48) 2-Nitroaniline	9.616	65	165037	47.684	ng	98
49) Acenaphthylene	9.945	152	976722	50.258	ng	99
50) Dimethylphthalate	9.792	163	728008	48.092	ng	100
51) 2,6-Dinitrotoluene	9.857	165	158858	45.724	ng	98
52) Acenaphthene	10.116	154	637075	49.598	ng	99
53) 3-Nitroaniline	10.027	138	129773	38.208	ng	100
54) 2,4-Dinitrophenol	10.133	184	151007	80.413	ng	# 85
55) Dibenzofuran	10.292	168	874947	46.805	ng	98
56) 4-Nitrophenol	10.180	139	261832	107.331	ng	97
57) 2,4-Dinitrotoluene	10.263	165	213586	47.553	ng	91
58) Fluorene	10.633	166	679170	45.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	182140	49.244	ng	98
60) Diethylphthalate	10.498	149	681267	48.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	338985	46.489	ng	96
62) 4-Nitroaniline	10.651	138	165174	51.272	ng	95
63) Azobenzene	10.780	77	616498	47.941	ng	98
65) 4,6-Dinitro-2-methylph...	10.669	198	108623	46.627	ng	90
66) n-Nitrosodiphenylamine	10.739	169	597263	48.272	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	212557	48.057	ng	95
68) Hexachlorobenzene	11.180	284	223635	45.741	ng	# 94
69) Atrazine	11.263	200	197468	58.447	ng	100
70) Pentachlorophenol	11.374	266	275883	96.330	ng	99
71) Phenanthrene	11.604	178	947244	47.643	ng	100
72) Anthracene	11.657	178	979272	49.642	ng	99
73) Carbazole	11.804	167	877398	48.690	ng	99
74) Di-n-butylphthalate	12.127	149	1055349	52.771	ng	100
75) Fluoranthene	12.798	202	1007962	49.947	ng	100
77) Benzidine	12.916	184	349883	83.339	ng	99
78) Pyrene	13.027	202	1040687	37.039	ng	99
80) Butylbenzylphthalate	13.633	149	439351	51.841	ng	99
81) Benzo(a)anthracene	14.221	228	1017674	50.073	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	275990	49.001	ng	100
83) Chrysene	14.257	228	933127	48.007	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	634709	59.577	ng	98
85) Di-n-octyl phthalate	14.815	149	1079507	75.006	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	856844	39.801	ng	100
88) Benzo(b)fluoranthene	15.321	252	995246	51.297	ng	100
89) Benzo(k)fluoranthene	15.357	252	912245	47.861	ng	99
90) Benzo(a)pyrene	15.727	252	854216	51.561	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	709990	39.916	ng	98
92) Benzo(g,h,i)perylene	17.915	276	588807	31.512	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

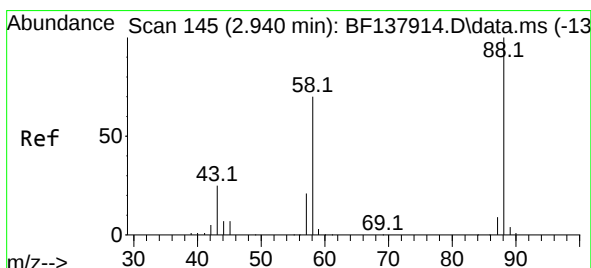
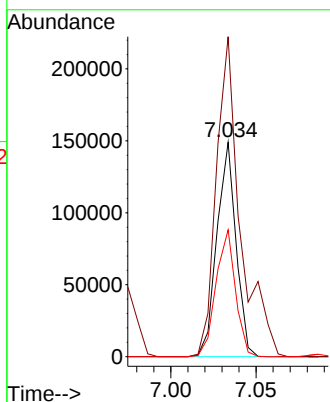
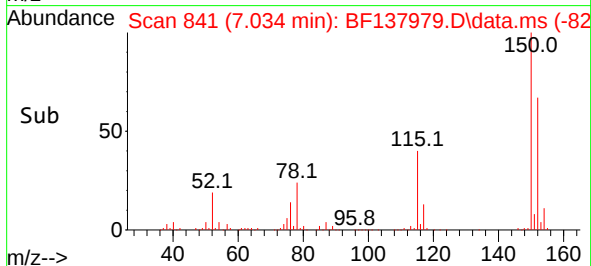
Instrument :
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B-112-SB02MSD



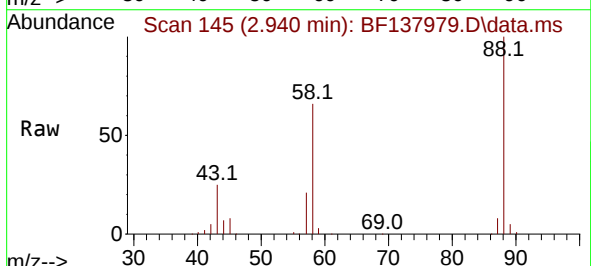
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Ion Ratio Lower Upper
152 100
150 149.2 125.7 188.5
115 59.1 47.0 70.6

Manual Integrations
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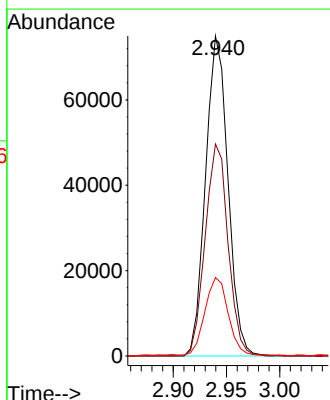
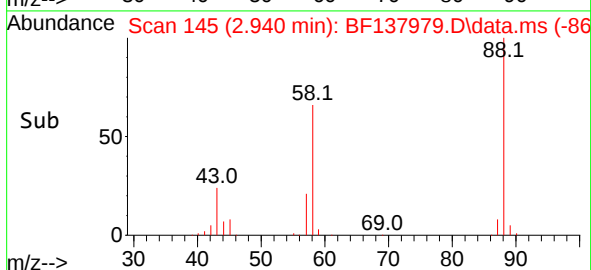
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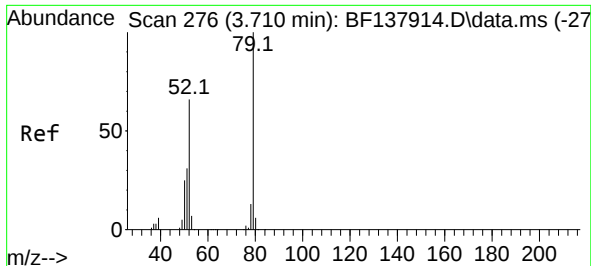


#2
1,4-Dioxane
Concen: 36.953 ng
RT: 2.940 min Scan# 145
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



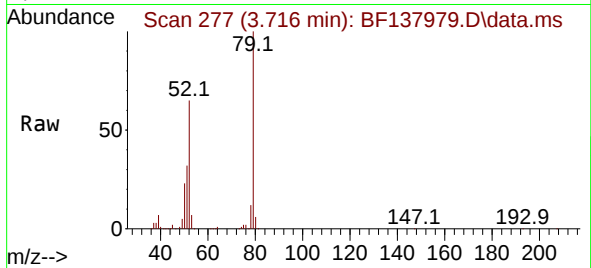
Tgt Ion: 88 Resp: 109898
Ion Ratio Lower Upper
88 100
58 67.6 54.4 81.6
43 26.6 19.6 29.4





#3
Pyridine
Concen: 38.809 ng
RT: 3.716 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

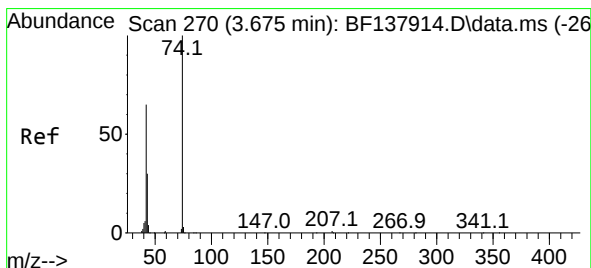
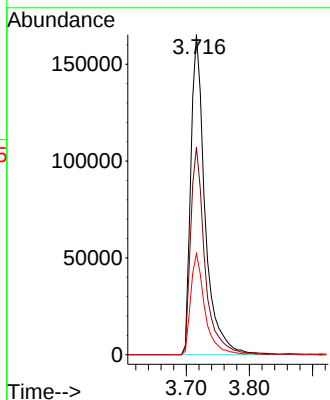
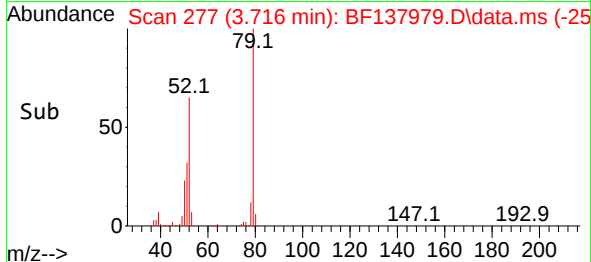
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Tgt Ion: 79 Resp: 258978
Ion Ratio Lower Upper
79 100
52 64.9 52.5 78.7
51 31.5 25.1 37.7

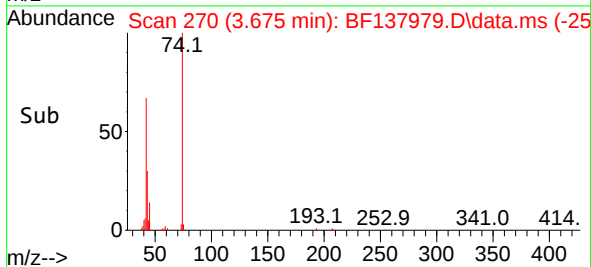
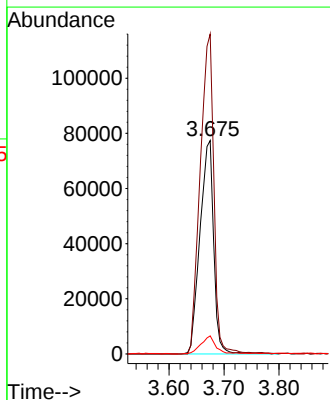
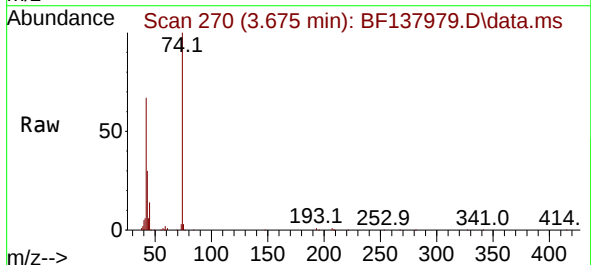
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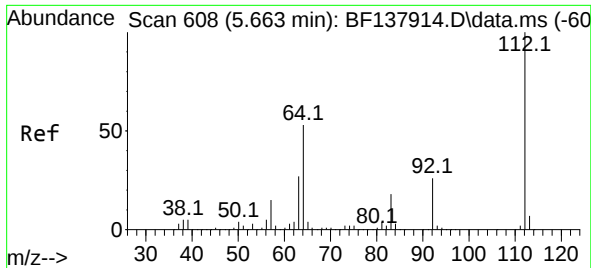
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#4
n-Nitrosodimethylamine
Concen: 45.522 ng
RT: 3.675 min Scan# 270
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion: 42 Resp: 134011
Ion Ratio Lower Upper
42 100
74 149.9 123.1 184.7
44 8.5 5.0 7.6





#5
2-Fluorophenol
Concen: 99.877 ng
RT: 5.657 min Scan# 608
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

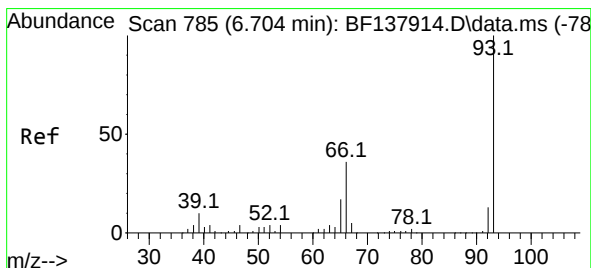
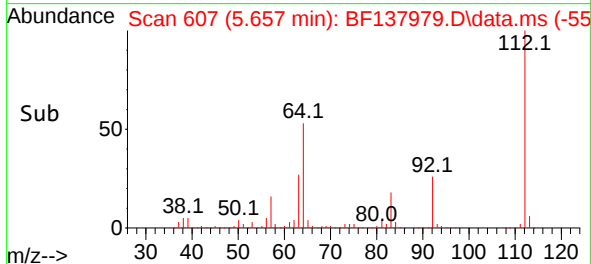
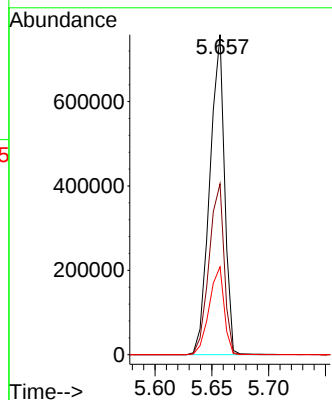
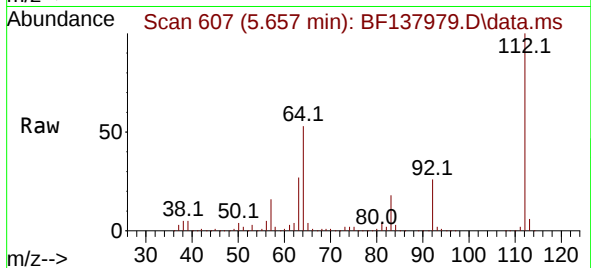
B-112-SB02MSD

Tgt Ion:112 Resp: 68566
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 27.4 21.4 32.2

Manual Integrations

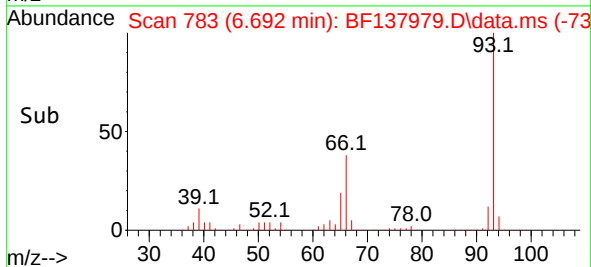
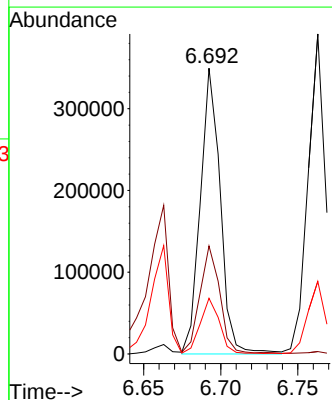
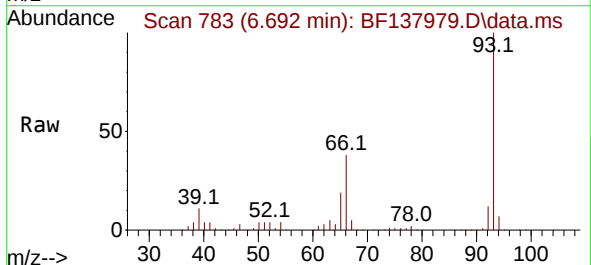
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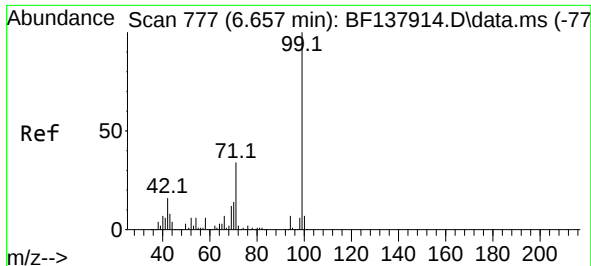
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#6
Aniline
Concen: 41.704 ng m
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

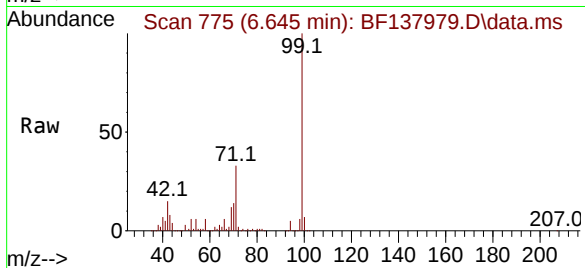
Tgt Ion: 93 Resp: 315446
Ion Ratio Lower Upper
93 100
66 37.8 30.7 46.1
65 19.5 15.0 22.4





#7
Phenol-d6
Concen: 99.391 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

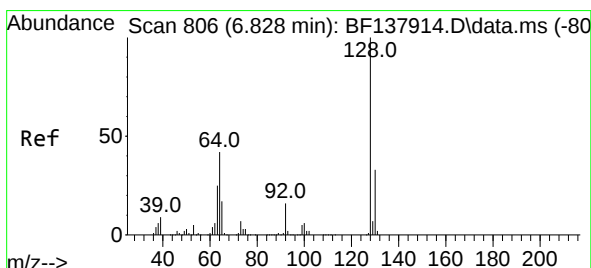
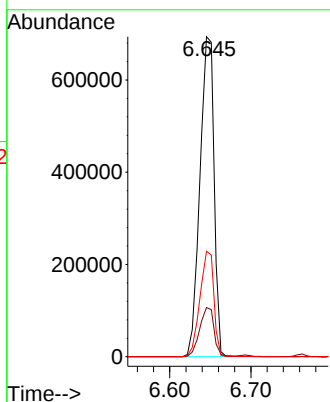
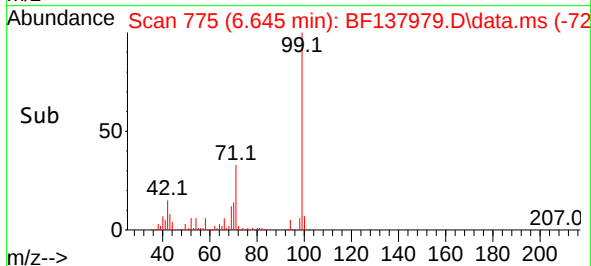
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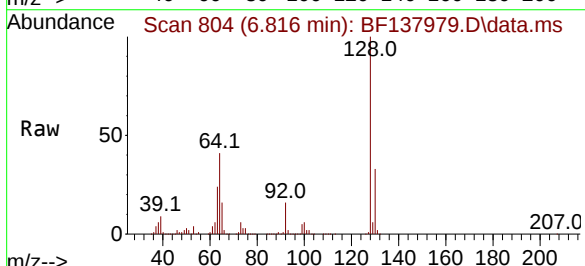
Tgt Ion: 99 Resp: 840520
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 32.9 27.1 40.7

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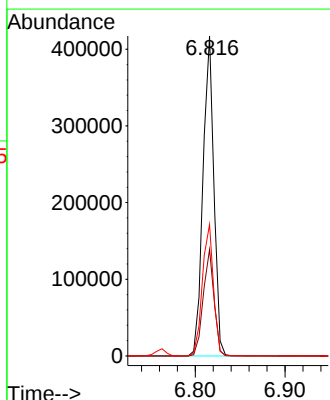
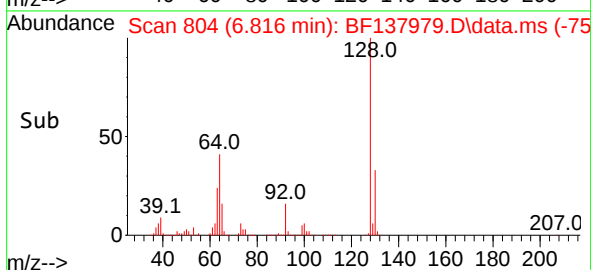
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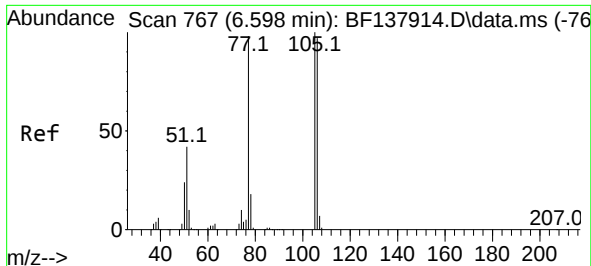


#8
2-Chlorophenol
Concen: 47.259 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:128 Resp: 351105
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 41.1 22.2 62.2





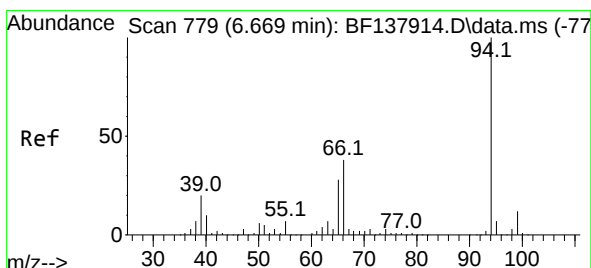
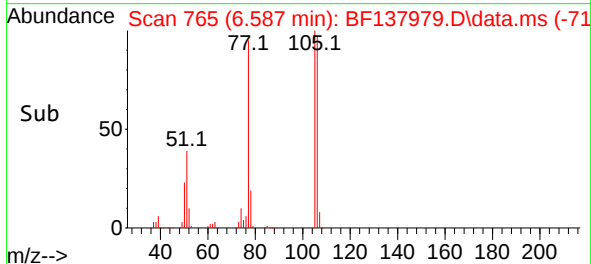
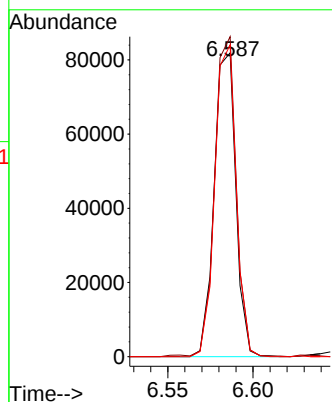
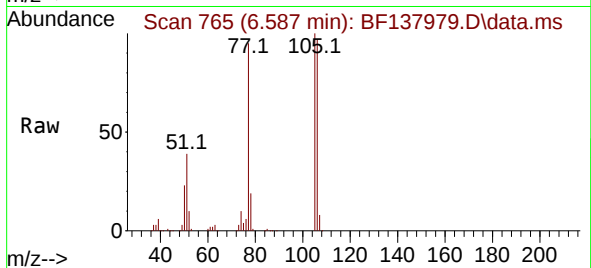
#9
Benzaldehyde
Concen: 15.812 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion: 77 Resp: 72340
Ion Ratio Lower Upper
77 100
105 105.3 82.3 122.3
106 102.6 79.2 119.2

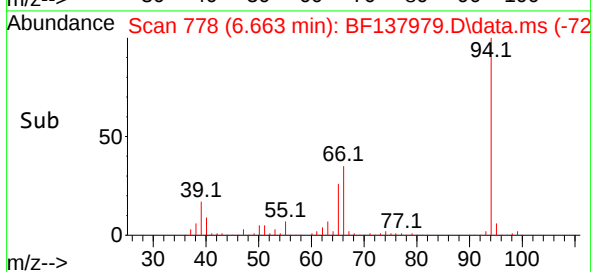
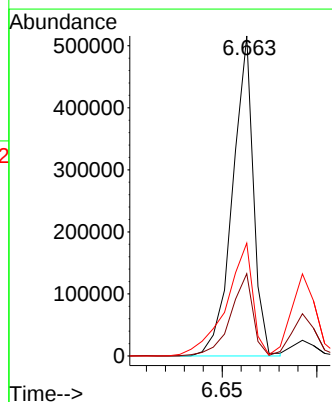
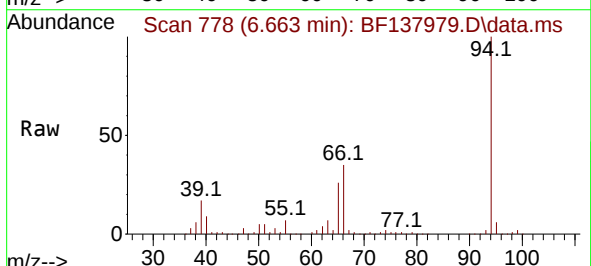
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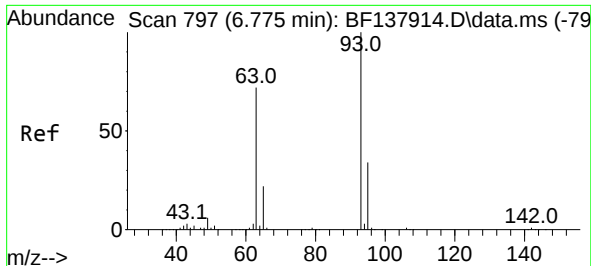
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Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 46.129 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion: 94 Resp: 393754
Ion Ratio Lower Upper
94 100
65 25.7 7.8 47.8
66 35.3 18.6 58.6





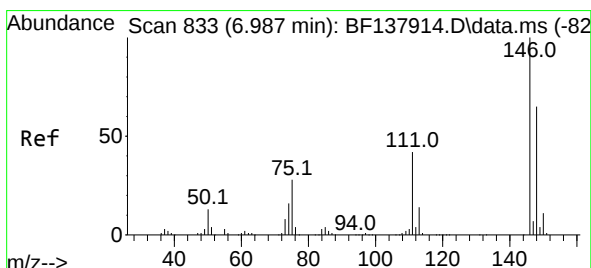
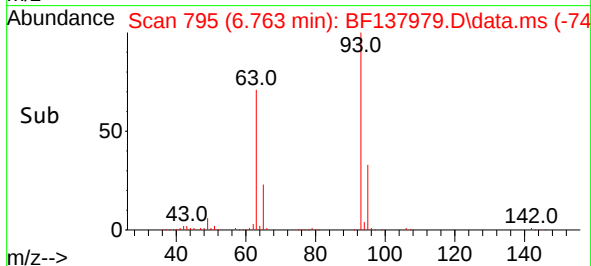
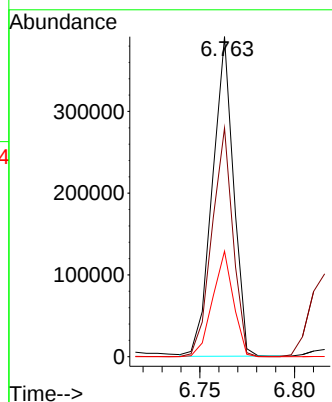
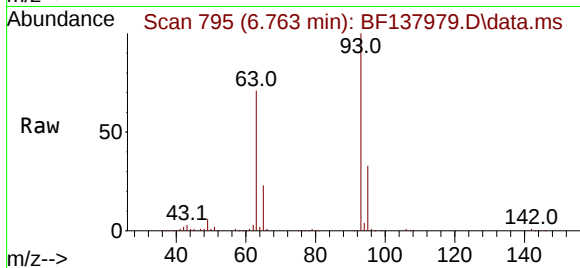
#11
bis(2-Chloroethyl)ether
Concen: 46.356 ng
RT: 6.763 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion: 93 Resp: 303810
Ion Ratio Lower Upper
93 100
63 71.5 51.4 91.4
95 33.0 13.5 53.5

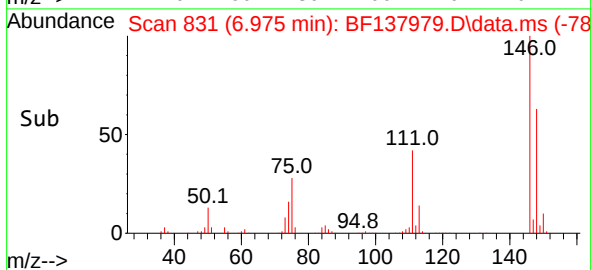
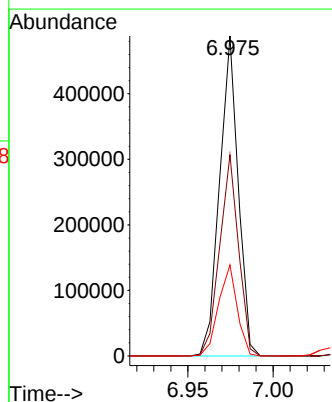
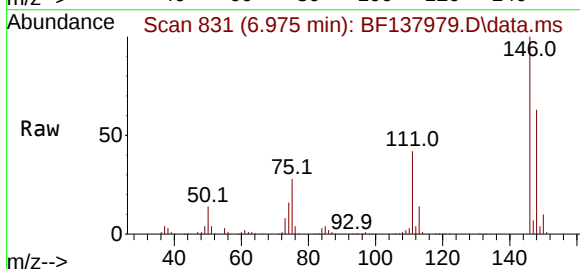
Manual Integrations
APPROVED

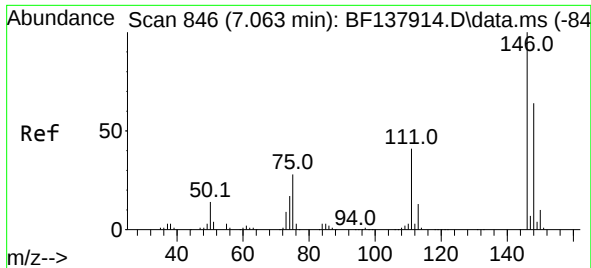
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#12
1,3-Dichlorobenzene
Concen: 43.246 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

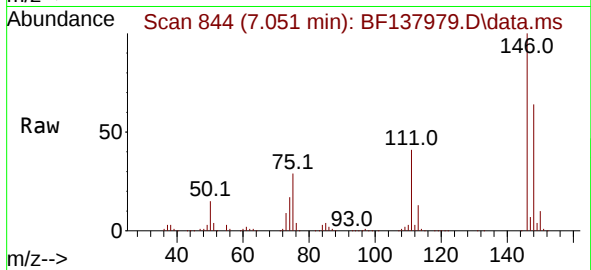
Tgt Ion:146 Resp: 371737
Ion Ratio Lower Upper
146 100
148 62.9 51.7 77.5
75 28.5 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 43.523 ng
RT: 7.051 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

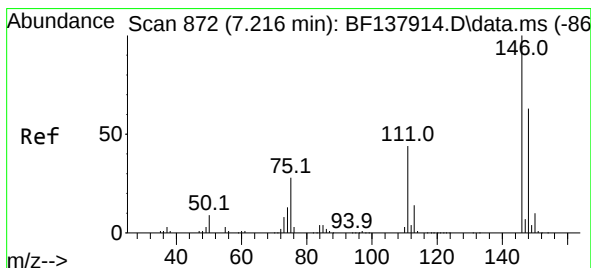
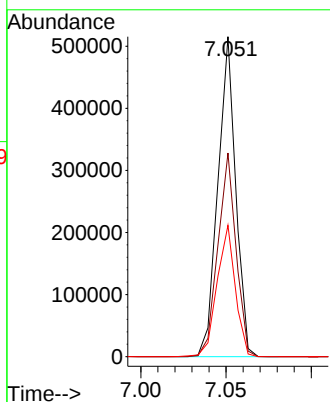
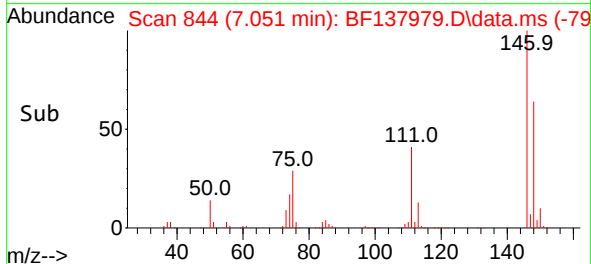
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



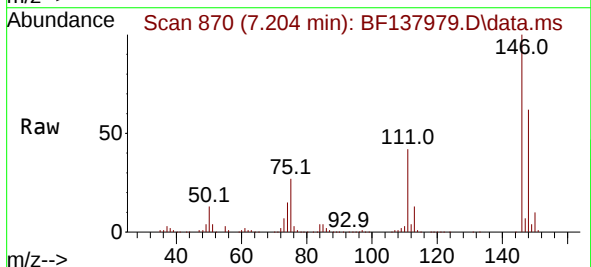
Tgt Ion:146 Resp: 37552
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 41.1 32.5 48.7

Manual Integrations
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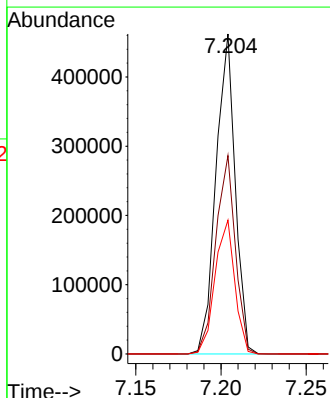
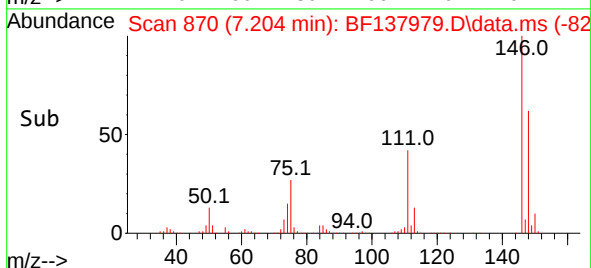
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

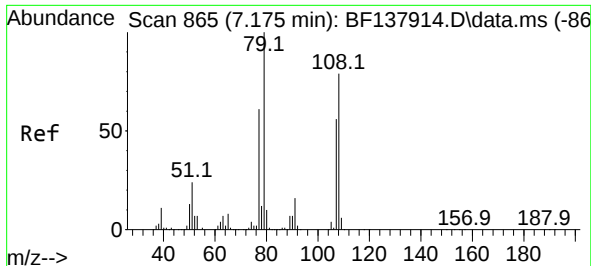


#14
1,2-Dichlorobenzene
Concen: 44.740 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



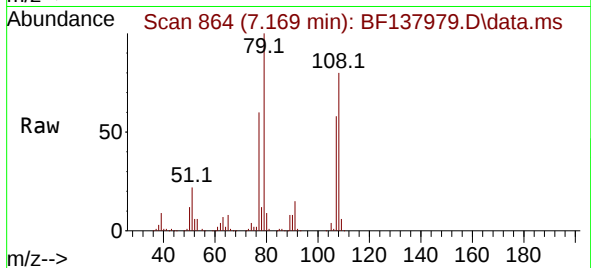
Tgt Ion:146 Resp: 363313
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.4
111 41.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 49.324 ng
RT: 7.169 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

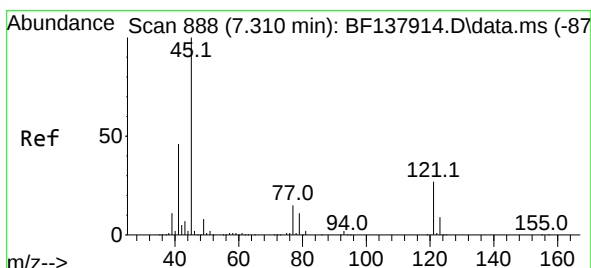
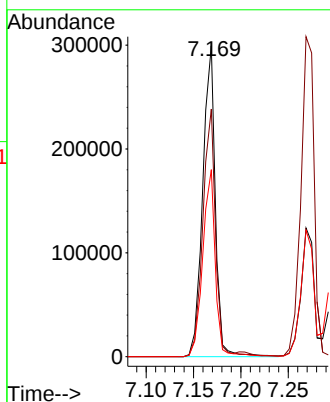
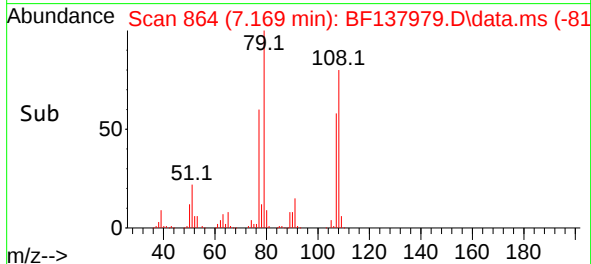
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



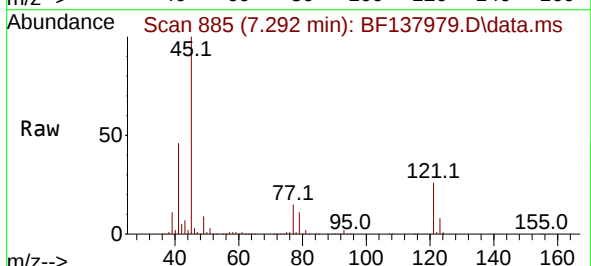
Tgt Ion: 79 Resp: 278534
Ion Ratio Lower Upper
79 100
108 79.7 62.8 94.2
77 60.2 48.7 73.1

Manual Integrations
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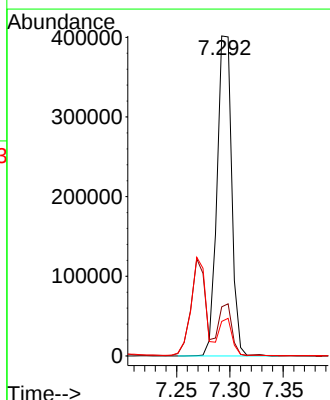
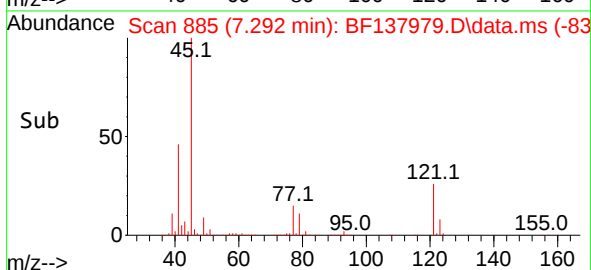
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

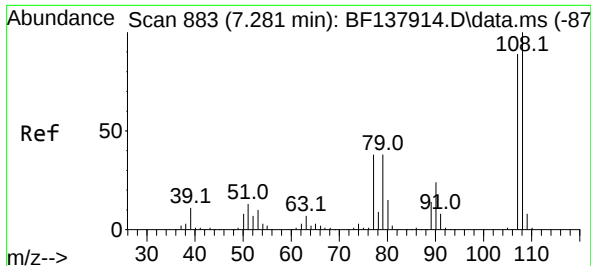


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.563 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



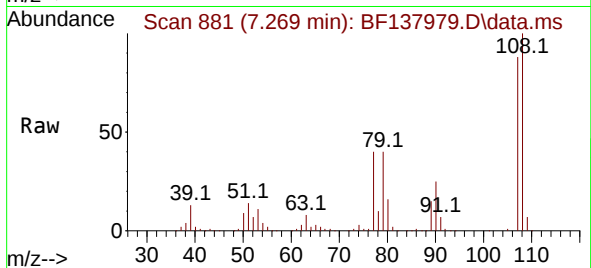
Tgt Ion: 45 Resp: 383182
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.3
79 10.8 0.0 32.1





#17
2-Methylphenol
Concen: 45.844 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

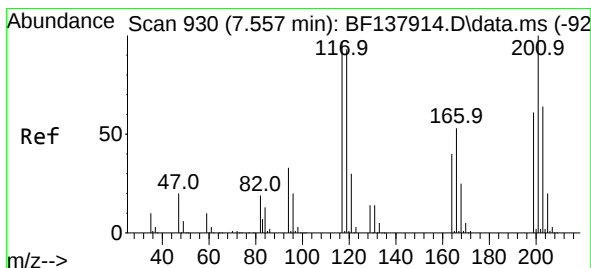
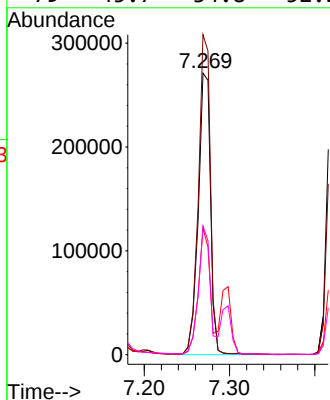
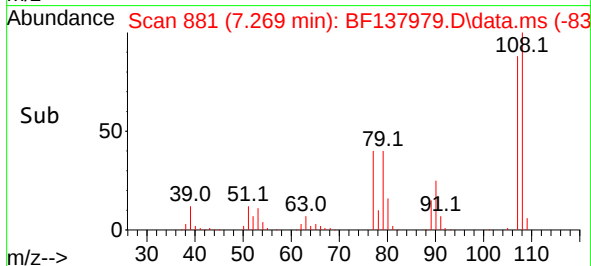
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:107 Resp: 271620
Ion Ratio Lower Upper
107 100
108 113.6 90.1 135.1
77 44.9 34.3 51.5
79 45.7 34.8 52.2

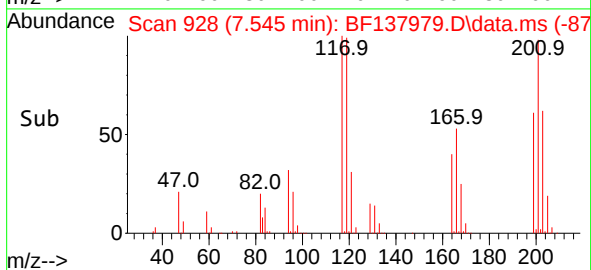
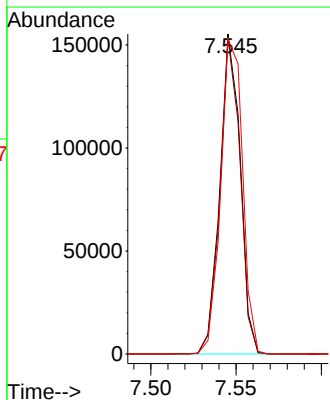
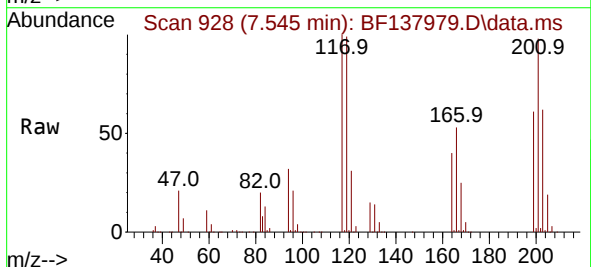
Manual Integrations
APPROVED

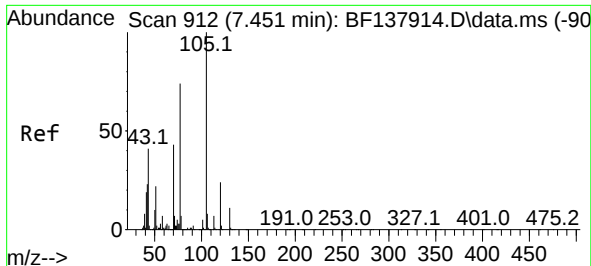
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 44.284 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

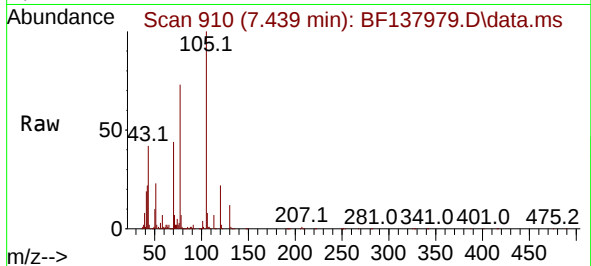
Tgt Ion:117 Resp: 129297
Ion Ratio Lower Upper
117 100
119 98.7 76.8 115.2
201 98.4 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.498 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

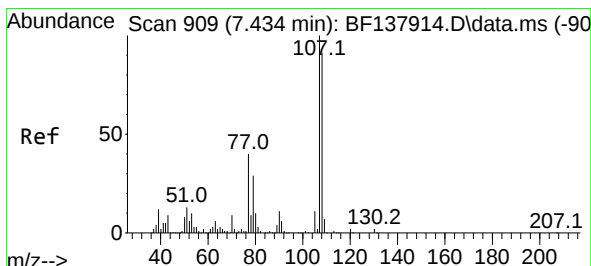
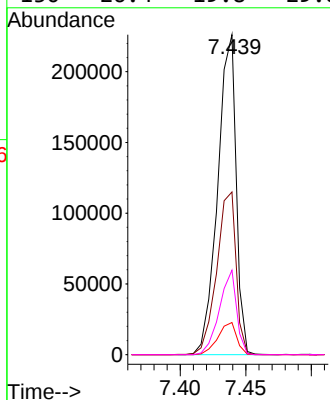
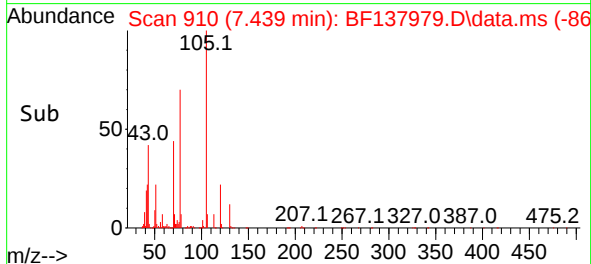
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



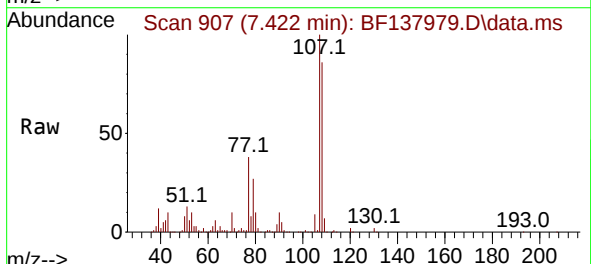
Tgt Ion: 70 Resp: 220918
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 10.1 8.8 13.2
130 26.4 19.8 29.8

Manual Integrations
APPROVED

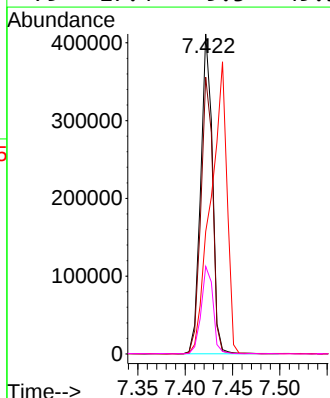
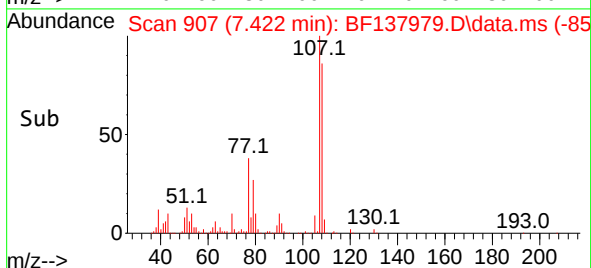
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

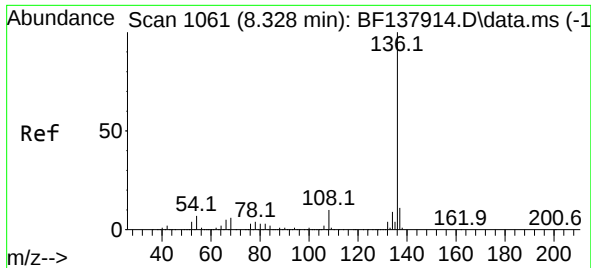


#20
3+4-Methylphenols
Concen: 45.523 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:107 Resp: 353350
Ion Ratio Lower Upper
107 100
108 86.5 70.8 110.8
77 38.3 20.2 60.2
79 27.4 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

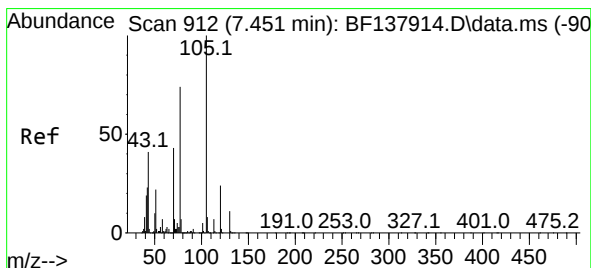
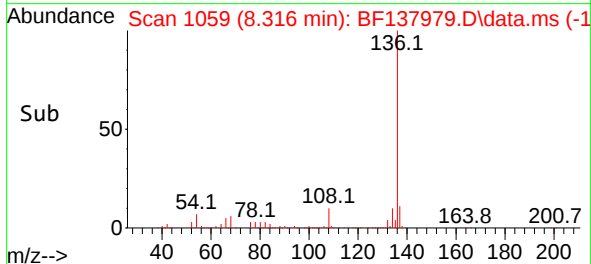
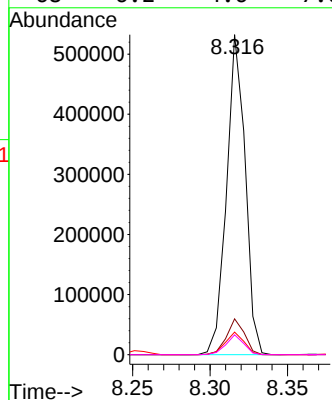
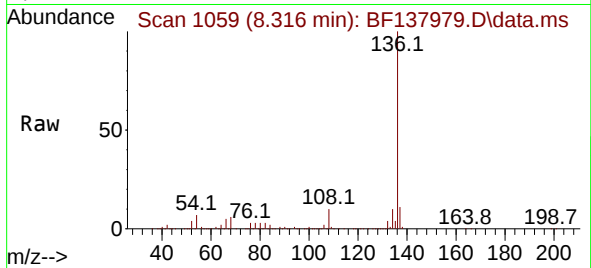
B-112-SB02MSD

Tgt Ion:136 Resp: 444728
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.0 5.4 8.2
68 6.2 4.6 7.0

Manual Integrations

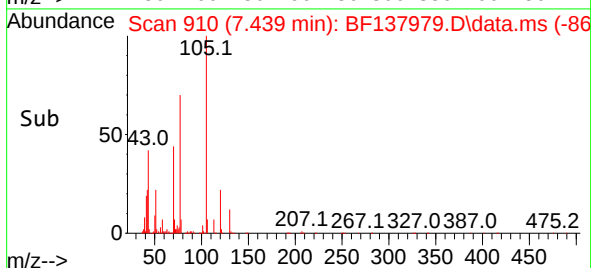
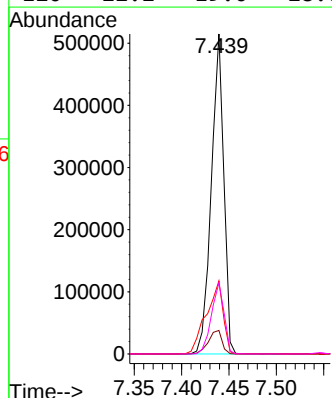
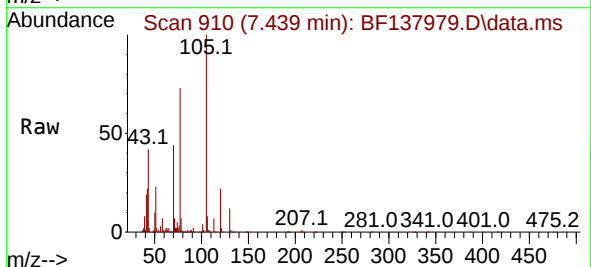
APPROVED

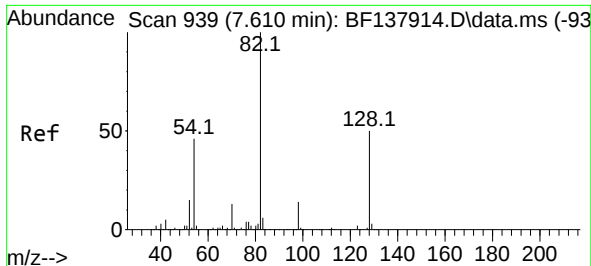
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 46.946 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

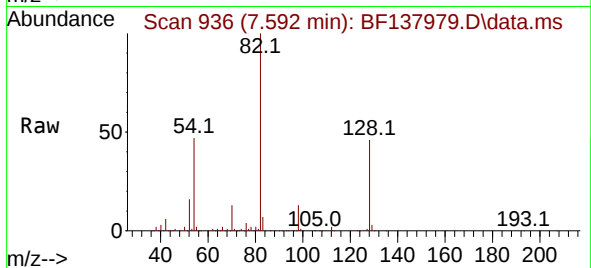
Tgt Ion:105 Resp: 467709
Ion Ratio Lower Upper
105 100
71 7.4 5.7 8.5
51 22.9 17.8 26.8
120 22.2 19.0 28.6





#23
Nitrobenzene-d5
Concen: 66.984 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

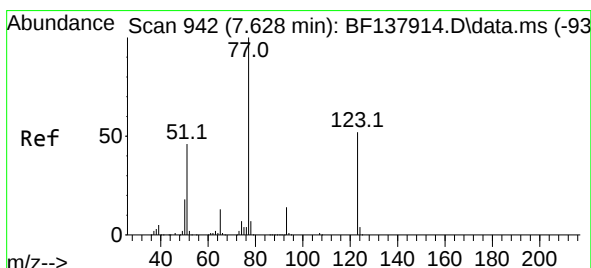
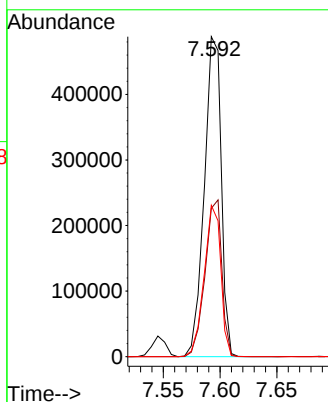
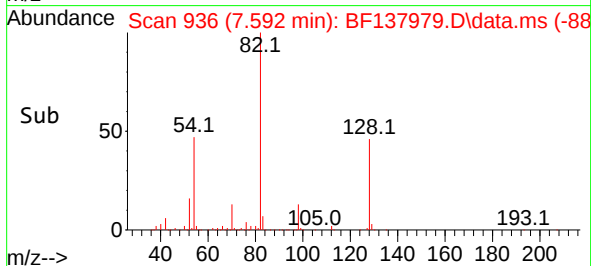
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion: 82 Resp: 506190
Ion Ratio Lower Upper
82 100
128 46.4 40.3 60.5
54 47.3 36.8 55.2

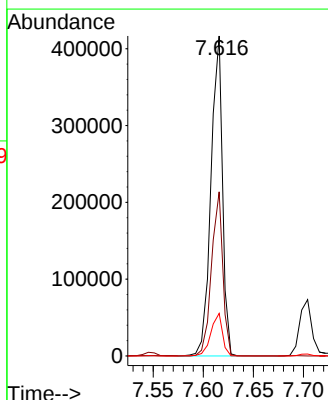
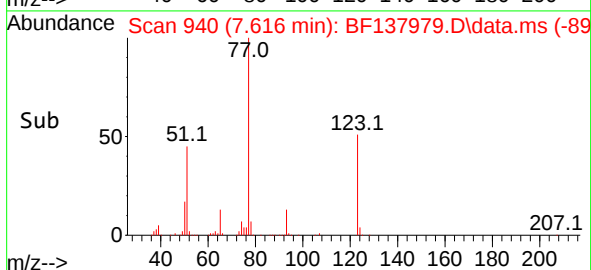
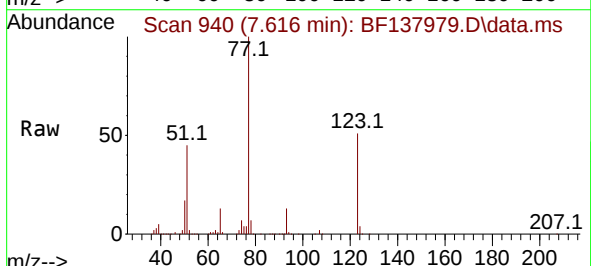
Manual Integrations
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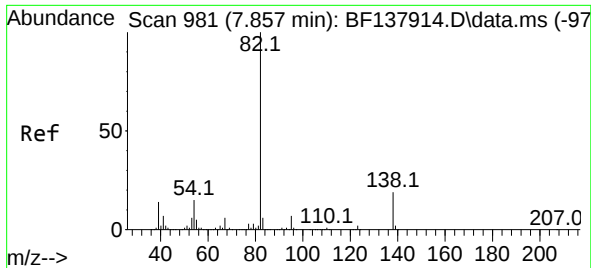
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 43.614 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

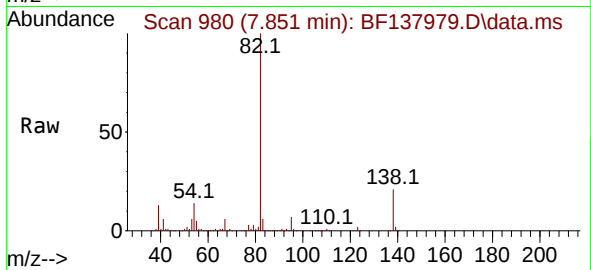
Tgt Ion: 77 Resp: 334355
Ion Ratio Lower Upper
77 100
123 51.3 41.4 62.2
65 13.3 10.5 15.7





#25
Isophorone
Concen: 46.314 ng
RT: 7.851 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

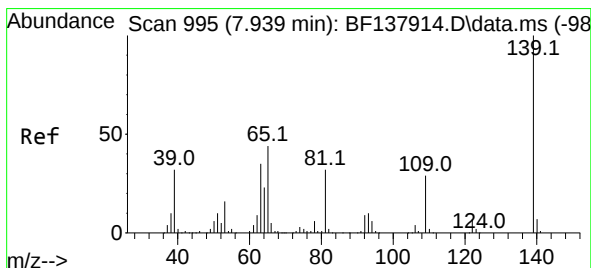
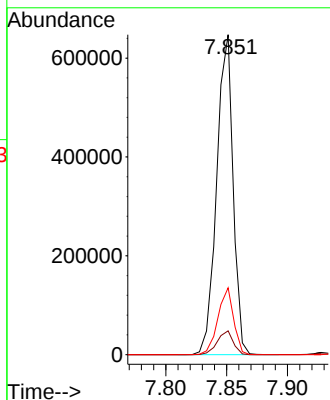
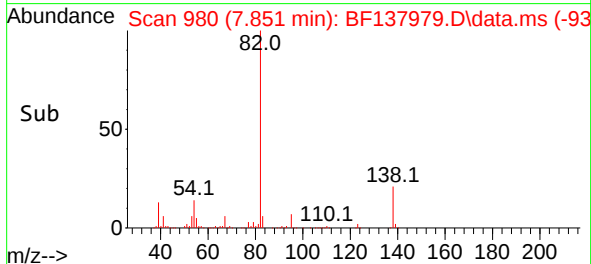
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



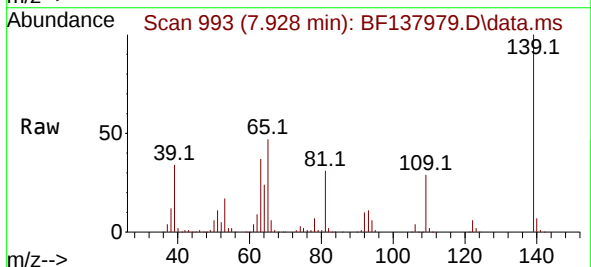
Tgt Ion: 82 Resp: 607430
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.9 15.0 22.4

Manual Integrations
APPROVED

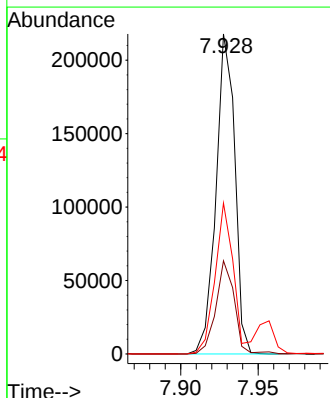
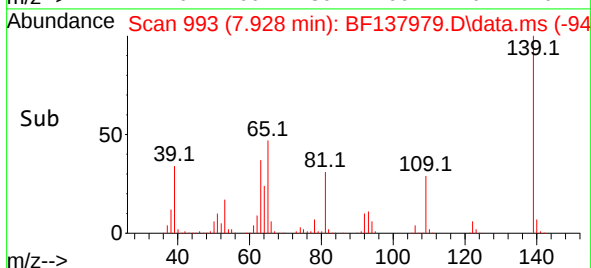
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

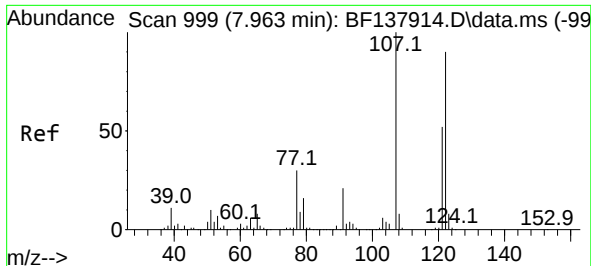


#26
2-Nitrophenol
Concen: 47.690 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:139 Resp: 183702
Ion Ratio Lower Upper
139 100
109 29.1 22.8 34.2
65 47.2 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 49.561 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF137979.D

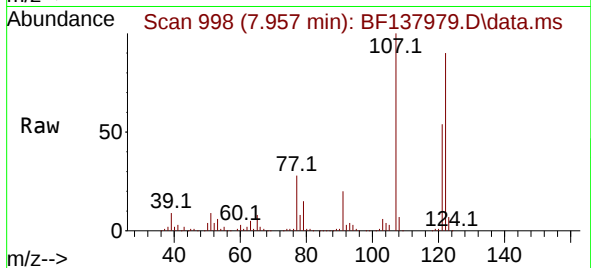
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD



Tgt Ion:122 Resp: 245792

Ion Ratio Lower Upper

122 100

107 111.7 89.0 133.4

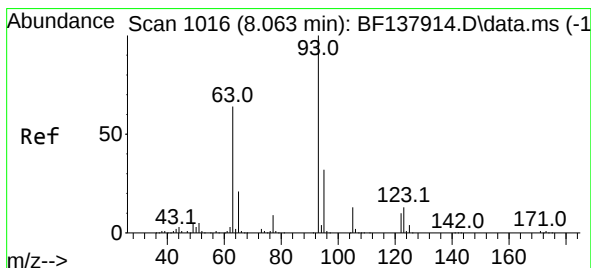
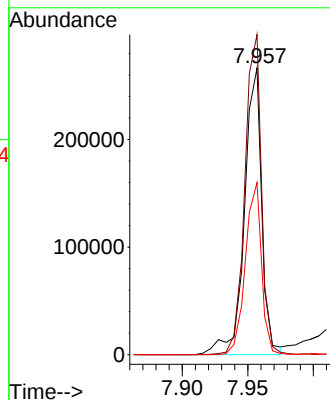
121 60.0 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.323 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

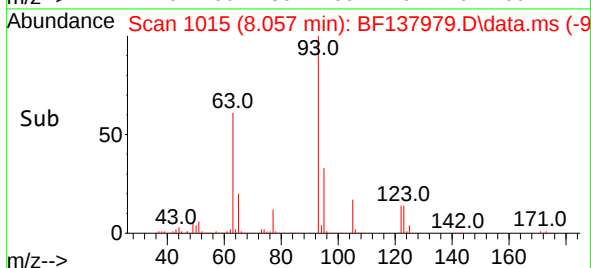
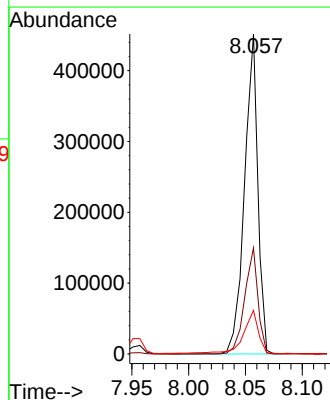
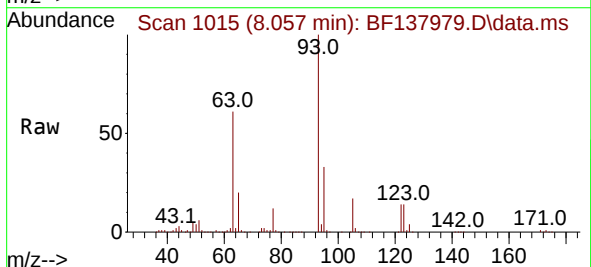
Tgt Ion: 93 Resp: 368223

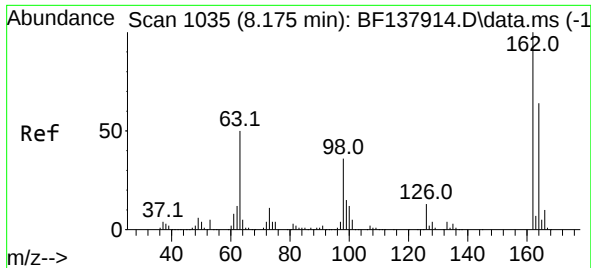
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 13.6 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.170 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

Tgt Ion:162 Resp: 28793

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

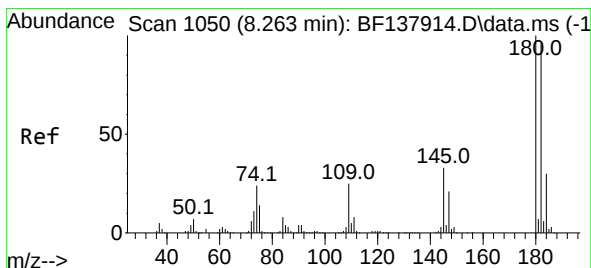
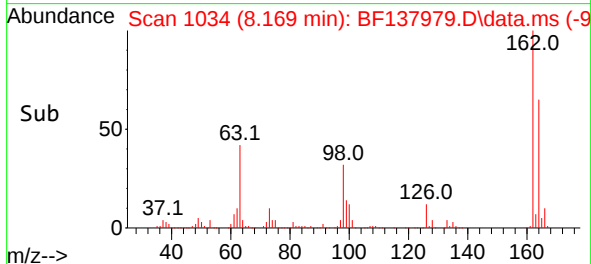
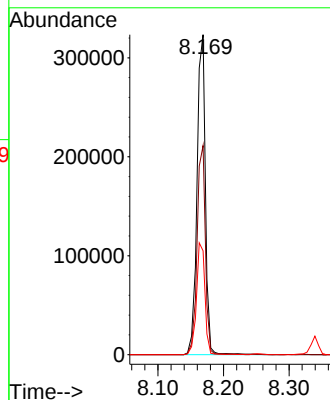
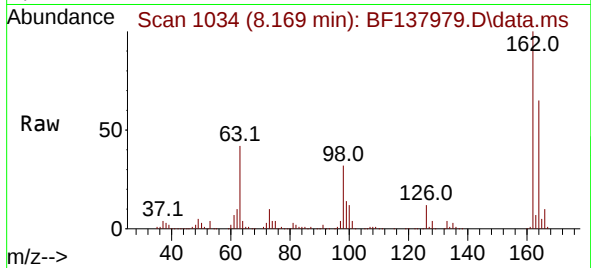
98 32.4 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.647 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

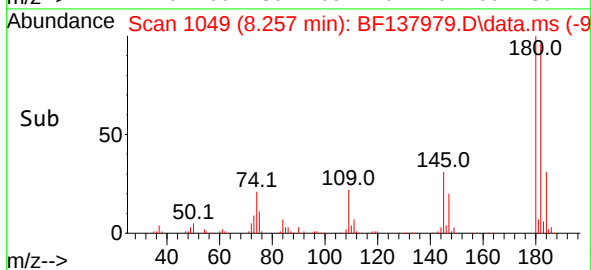
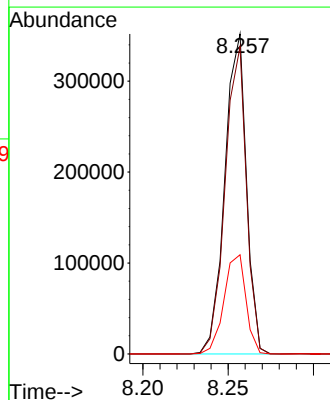
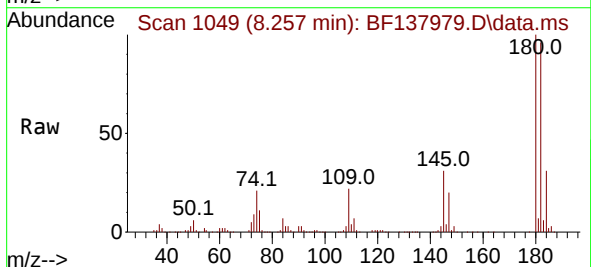
Tgt Ion:180 Resp: 310883

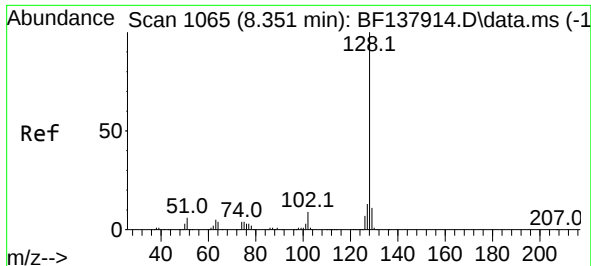
Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

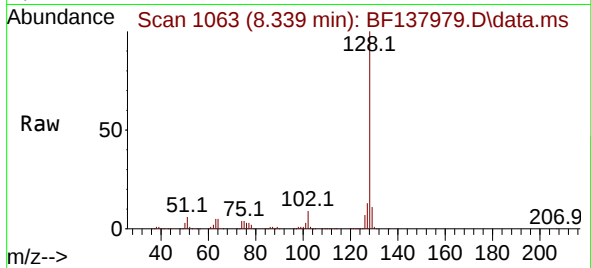
145 31.0 26.2 39.2





#31
Naphthalene
Concen: 44.886 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

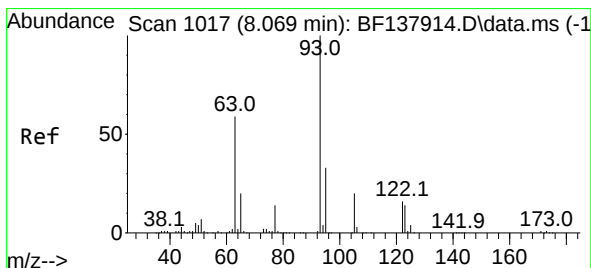
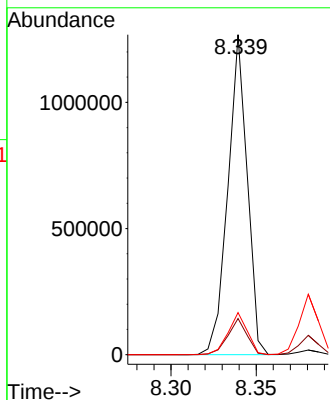
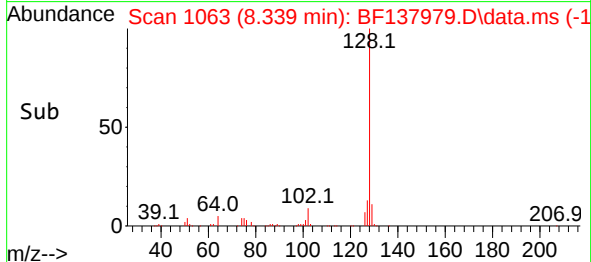
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:128 Resp: 1003699
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.6 16.0

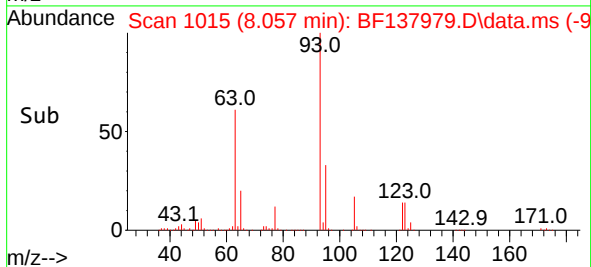
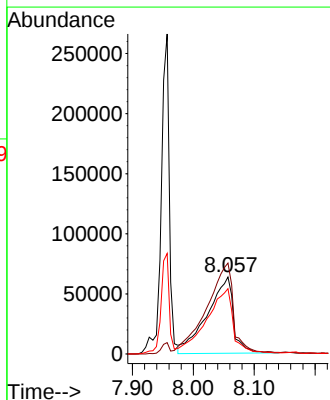
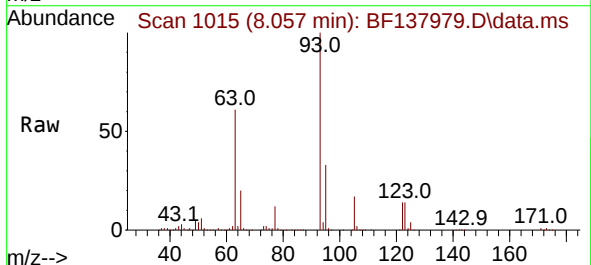
Manual Integrations
APPROVED

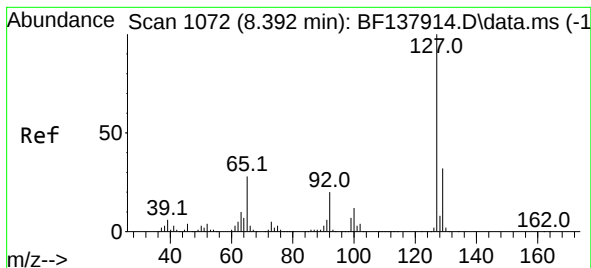
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 45.097 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion:122 Resp: 189061
Ion Ratio Lower Upper
122 100
105 118.0 103.8 143.8
77 84.8 68.4 108.4





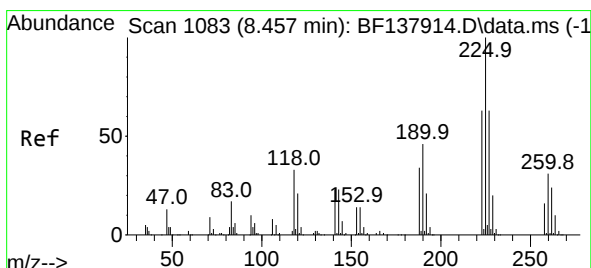
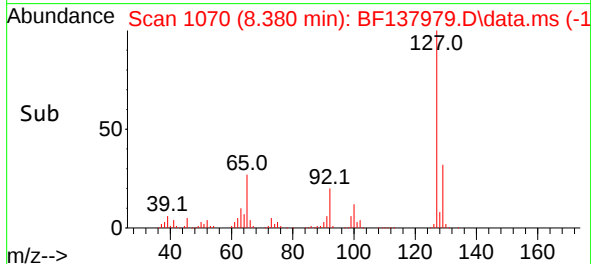
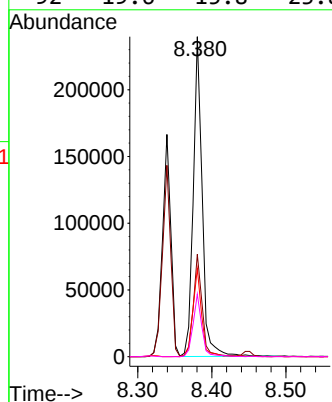
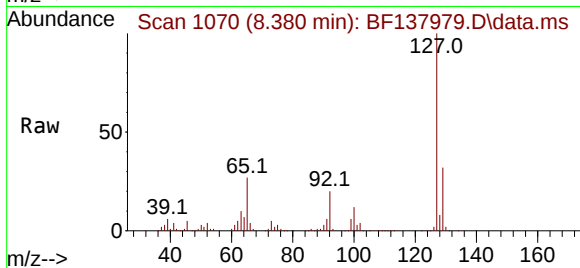
#33
4-Chloroaniline
Concen: 27.441 ng
RT: 8.380 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	27.5	22.0	33.0
92	19.6	15.8	23.8

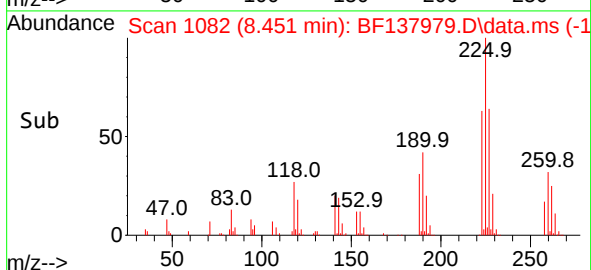
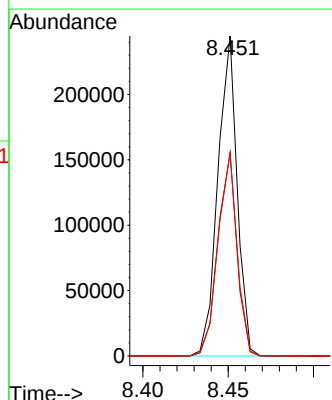
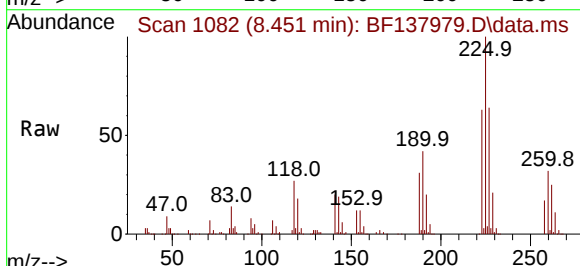
Manual Integrations
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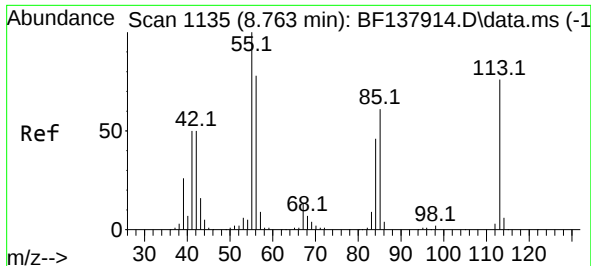
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 43.617 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	63.5	50.2	75.4





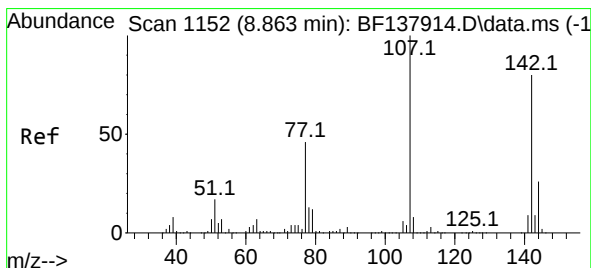
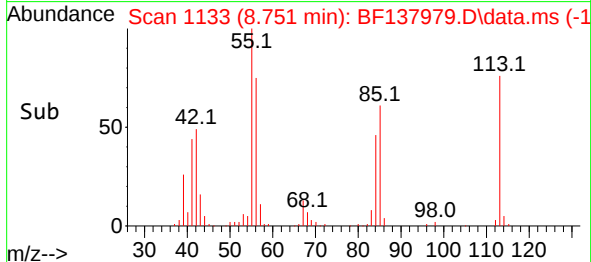
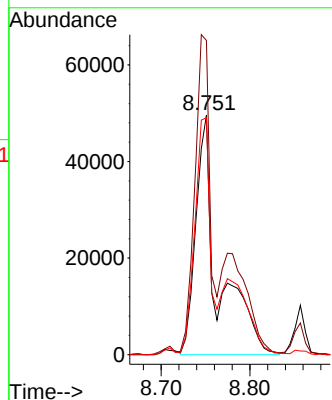
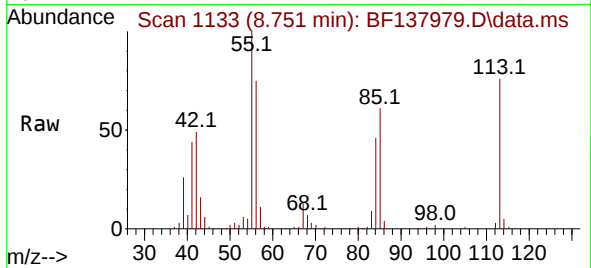
#35
Caprolactam
Concen: 47.988 ng m
RT: 8.751 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion:113 Resp: 8670
Ion Ratio Lower Upper
113 100
55 131.1 112.3 152.3
56 98.9 82.7 122.7

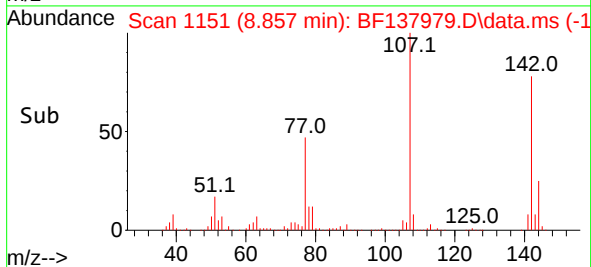
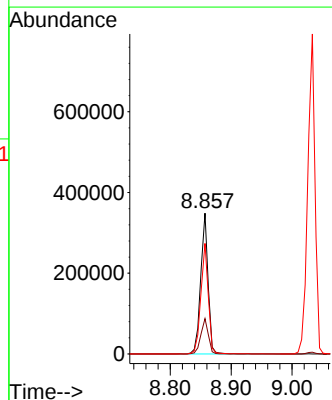
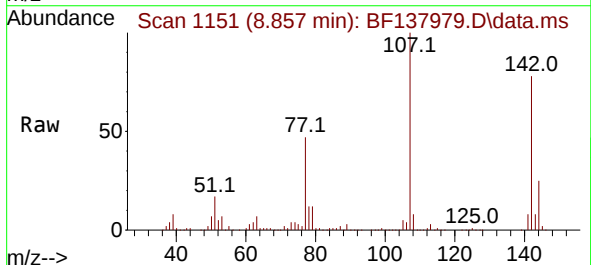
Manual Integrations
APPROVED

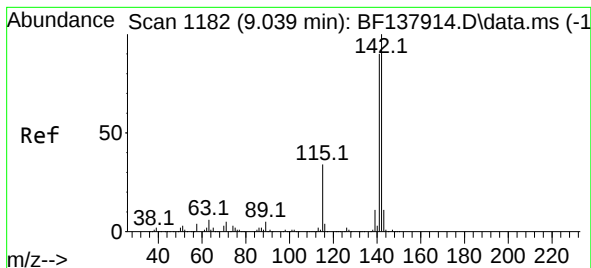
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 46.326 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion:107 Resp: 293901
Ion Ratio Lower Upper
107 100
144 25.1 20.7 31.1
142 78.5 64.0 96.0





#37

2-Methylnaphthalene

Concen: 45.596 ng

RT: 9.033 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

Tgt Ion:142 Resp: 65538

Ion Ratio Lower Upper

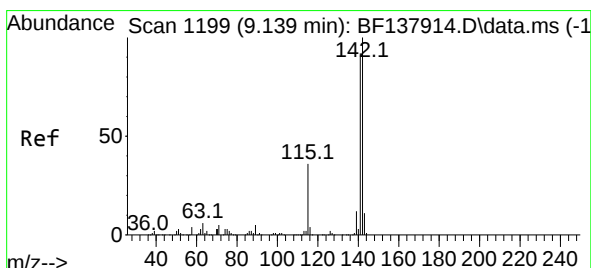
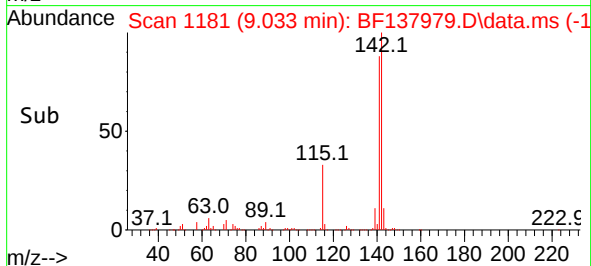
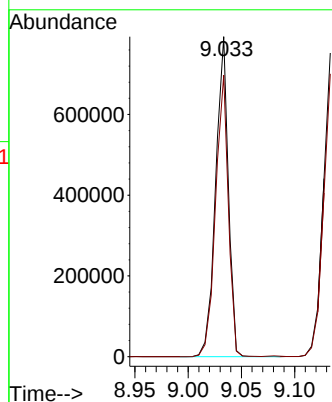
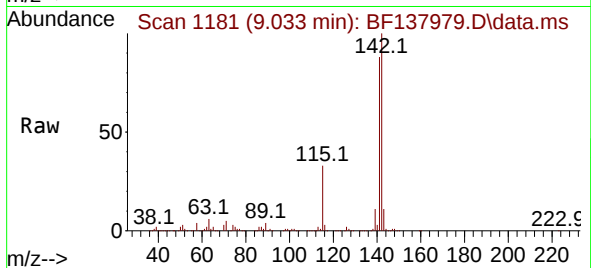
142 100

141 87.9 72.0 108.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#38

1-Methylnaphthalene

Concen: 42.512 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF137979.D

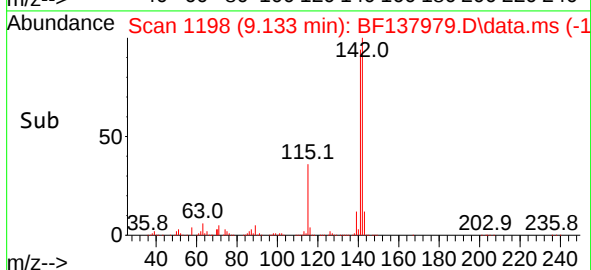
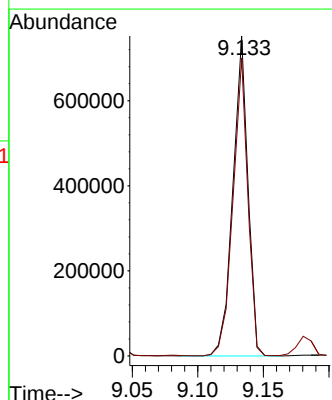
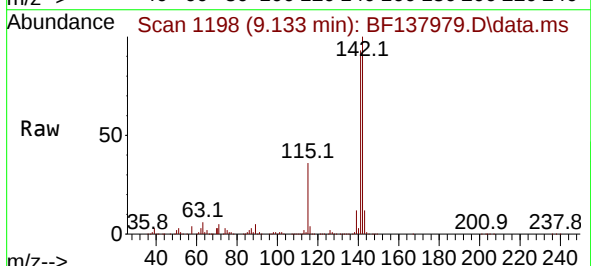
Acq: 21 May 2024 15:38

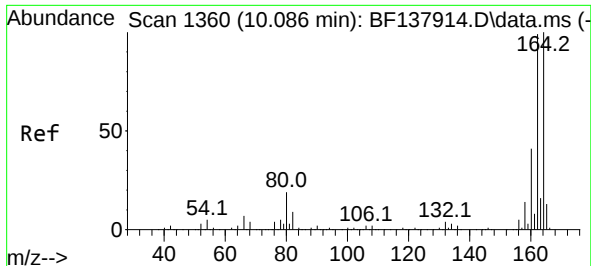
Tgt Ion:142 Resp: 600724

Ion Ratio Lower Upper

142 100

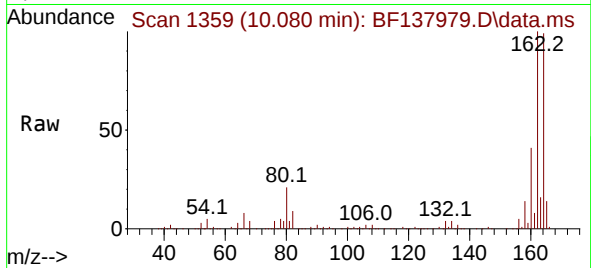
141 93.1 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

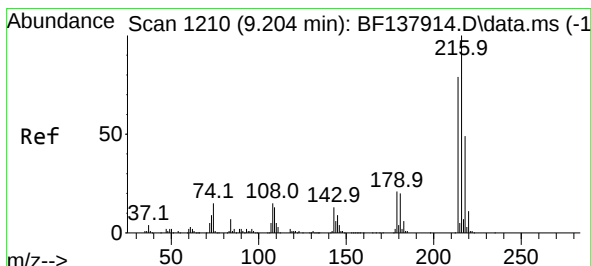
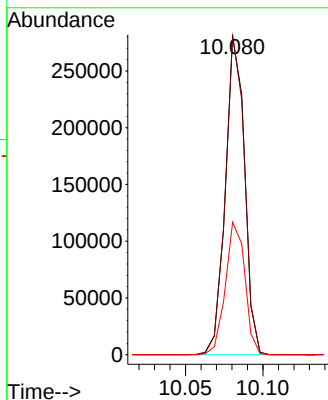
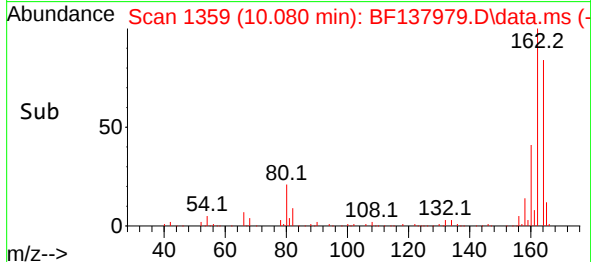
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:164 Resp: 24140
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 41.7 33.1 49.7

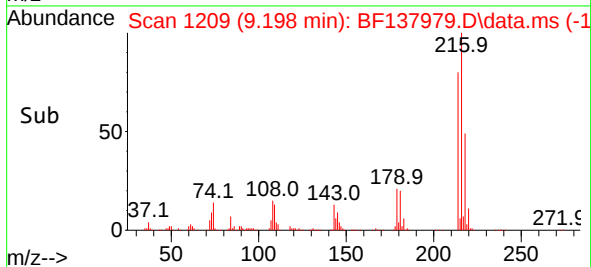
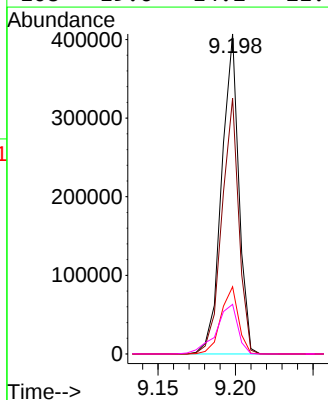
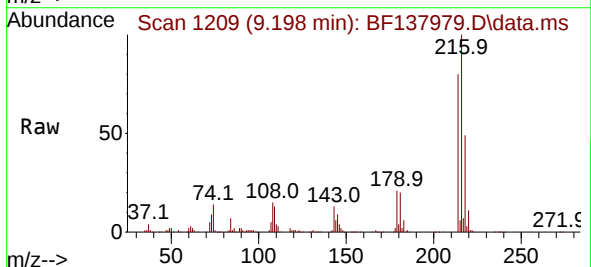
Manual Integrations
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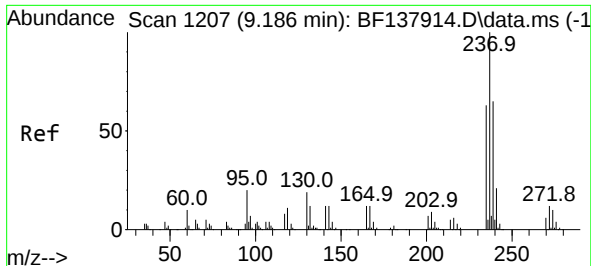
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.768 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

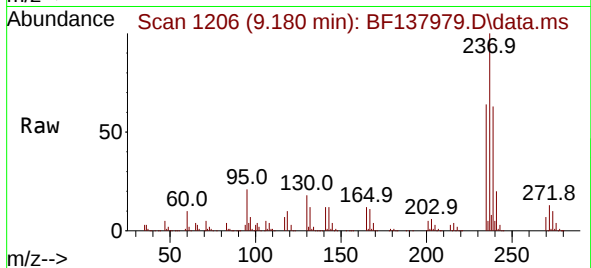
Tgt Ion:216 Resp: 313493
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.4 17.0 25.4
108 19.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 137.504 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

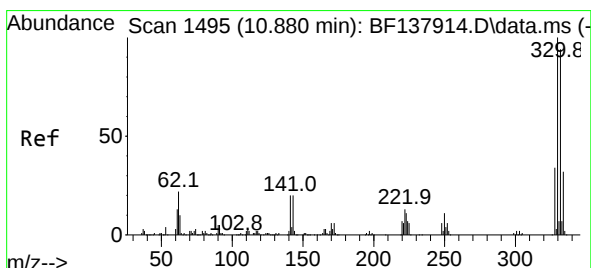
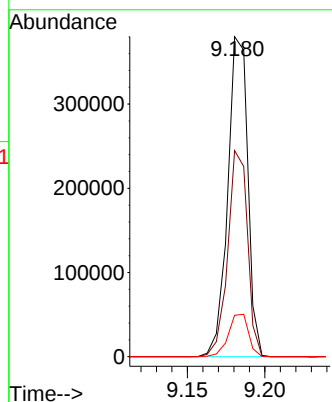
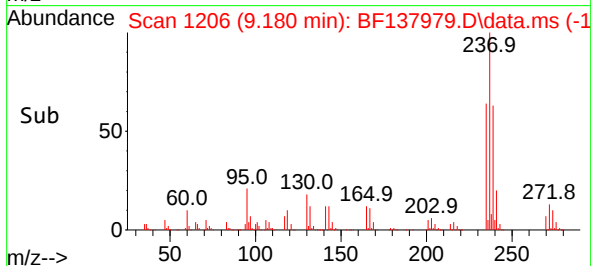
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



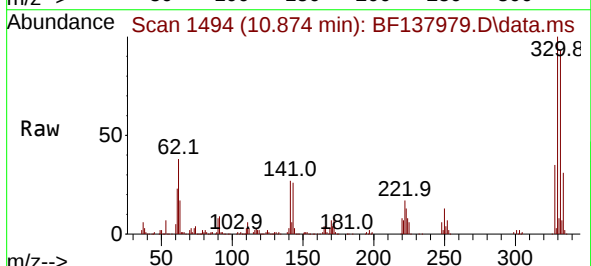
Tgt Ion:237 Resp: 34289
Ion Ratio Lower Upper
237 100
235 64.4 42.8 82.8
272 12.9 0.0 32.0

Manual Integrations
APPROVED

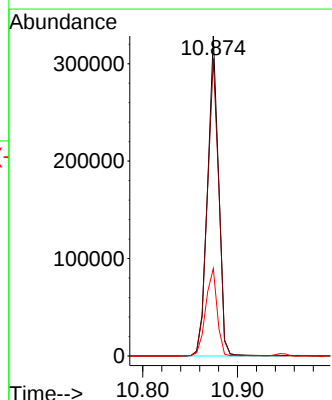
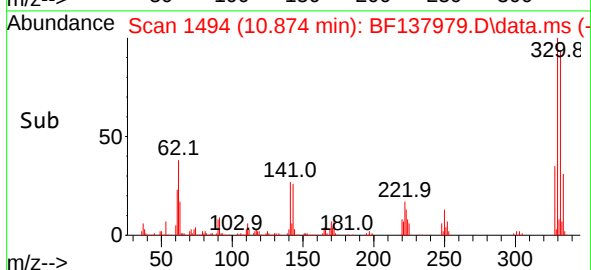
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

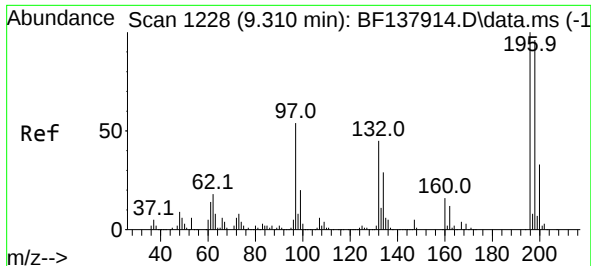


#42
2,4,6-Tribromophenol
Concen: 108.811 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:330 Resp: 264851
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 28.4 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.666 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

Tgt Ion:196 Resp: 209410

Ion Ratio Lower Upper

196 100

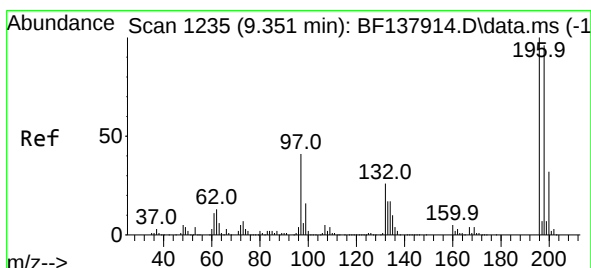
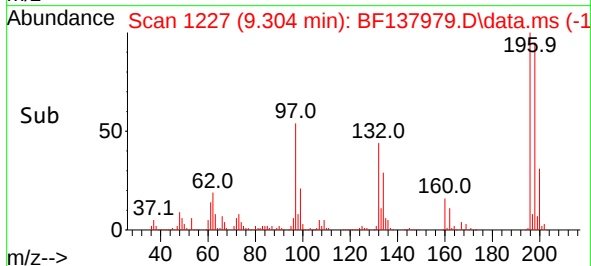
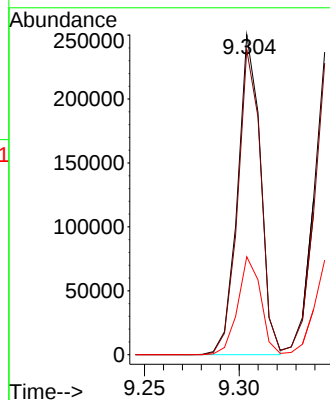
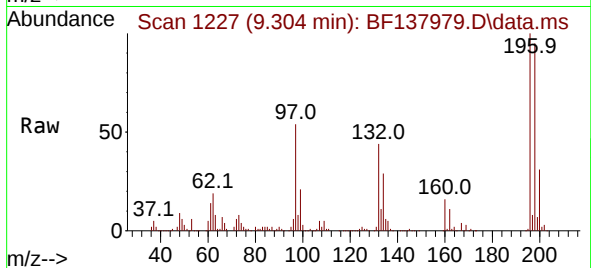
198 95.3 77.0 115.4

200 30.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 47.090 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Tgt Ion:196 Resp: 221713

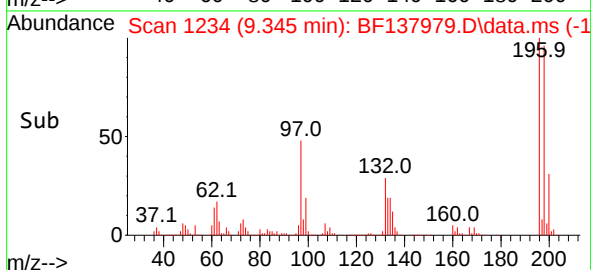
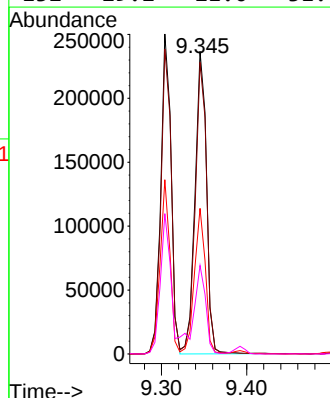
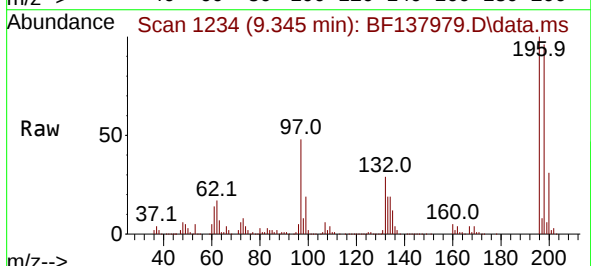
Ion Ratio Lower Upper

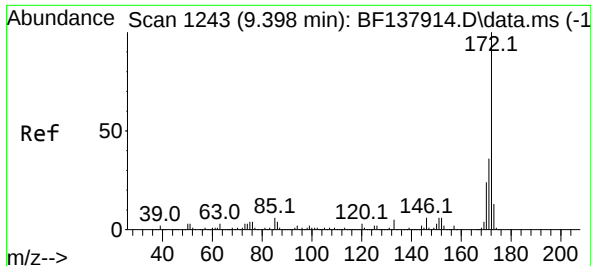
196 100

198 96.4 77.4 116.0

97 48.1 32.9 49.3

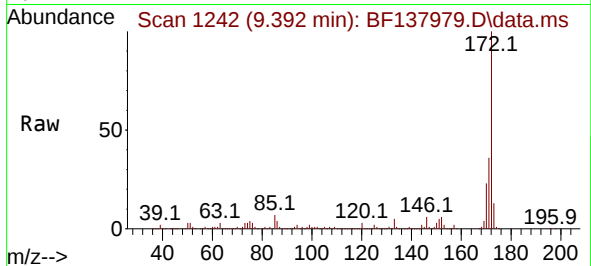
132 29.2 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 68.970 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

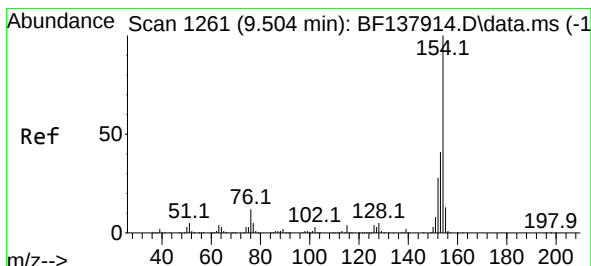
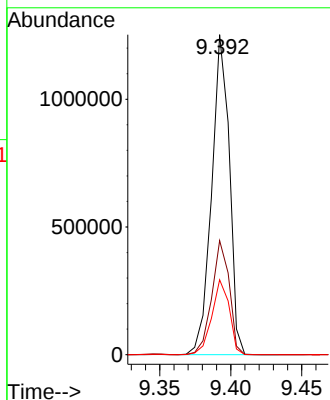
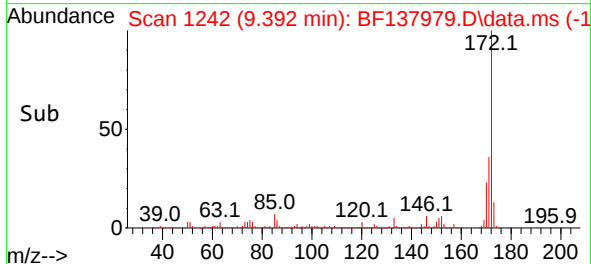
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



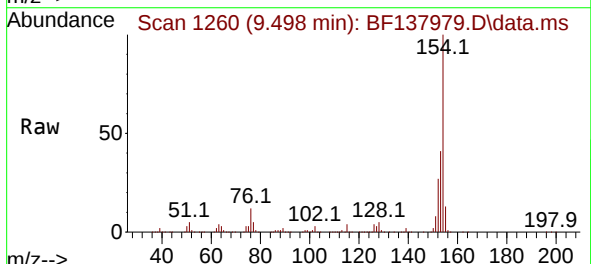
Tgt Ion:172 Resp: 108086
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.4 18.9 28.3

Manual Integrations
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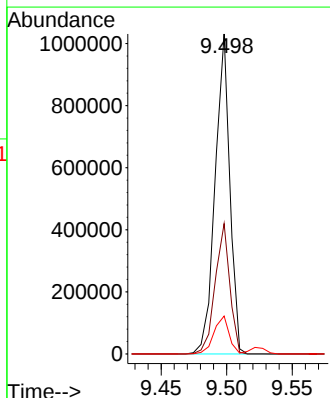
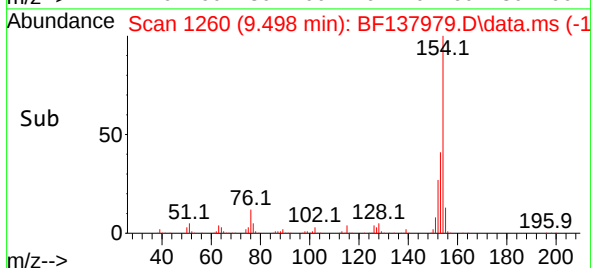
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

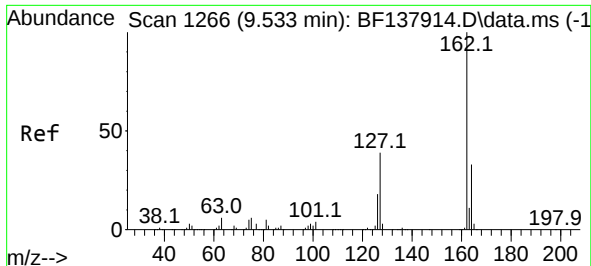


#46
1,1'-Biphenyl
Concen: 47.368 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:154 Resp: 802023
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 11.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 45.254 ng

RT: 9.527 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

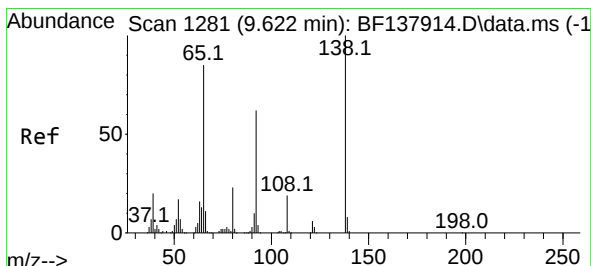
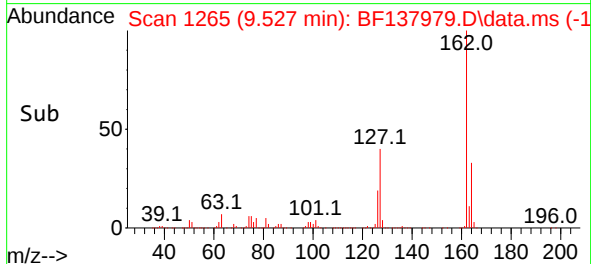
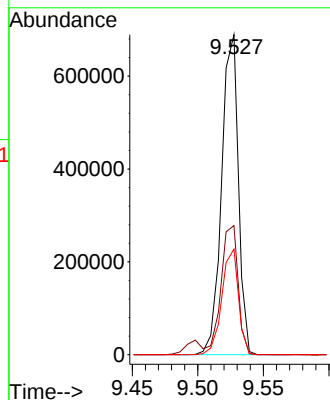
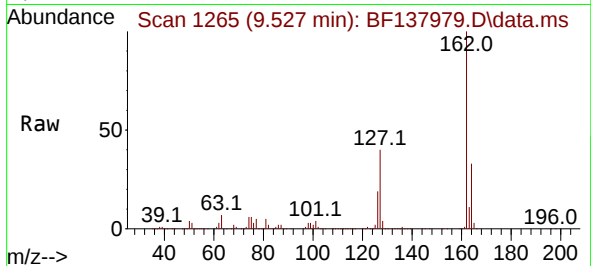
B-112-SB02MSD

Tgt Ion:162 Resp: 61164
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.0 48.0
 164 33.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024



#48

2-Nitroaniline

Concen: 47.684 ng

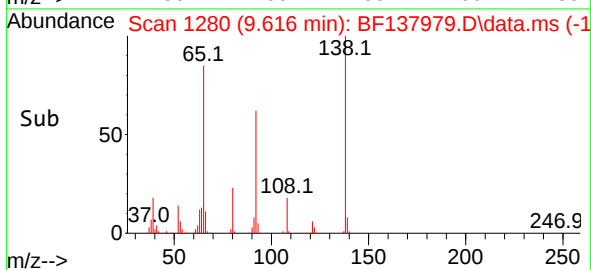
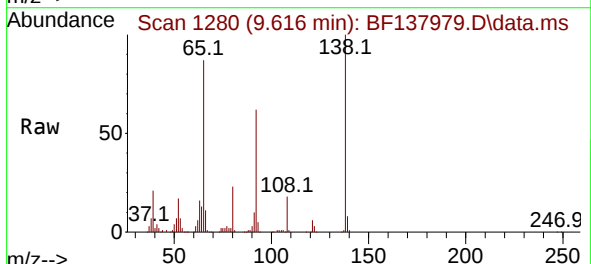
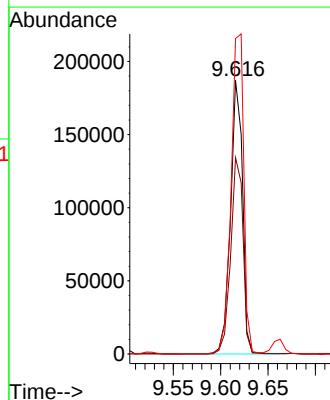
RT: 9.616 min Scan# 1280

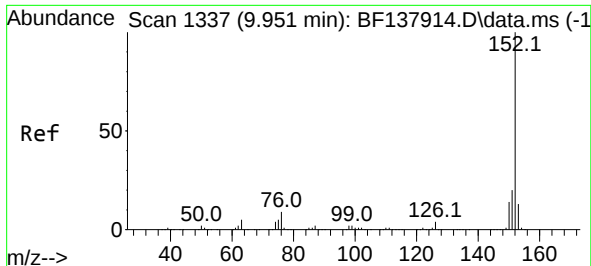
Delta R.T. -0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

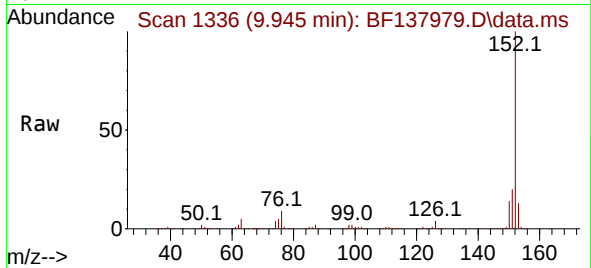
Tgt Ion: 65 Resp: 165037
 Ion Ratio Lower Upper
 65 100
 92 71.8 58.6 88.0
 138 115.4 94.1 141.1





#49
Acenaphthylene
Concen: 50.258 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

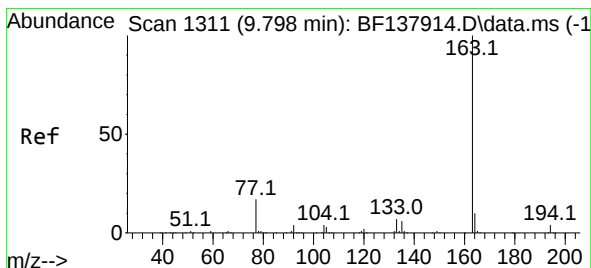
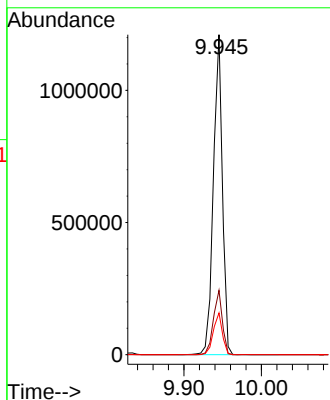
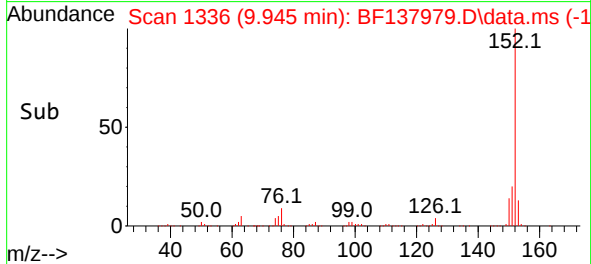
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



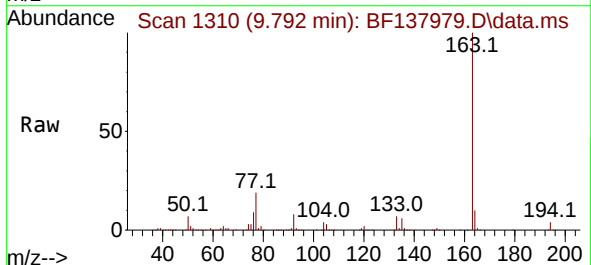
Tgt Ion:152 Resp: 97672
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.2 15.4

Manual Integrations
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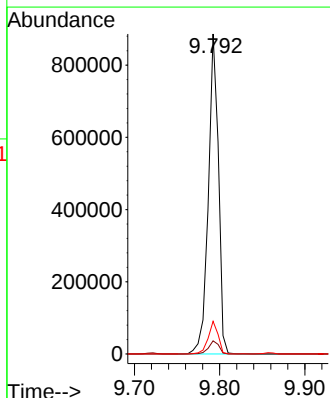
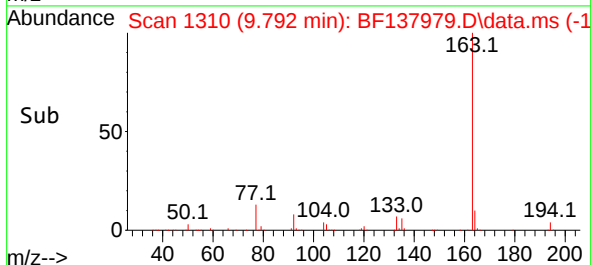
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

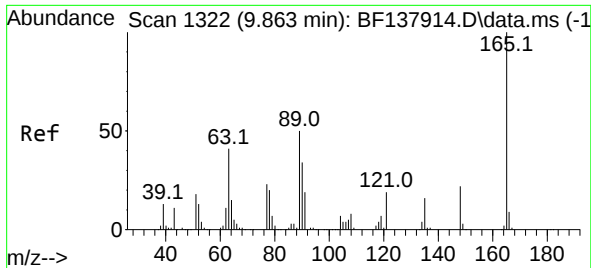


#50
Dimethylphthalate
Concen: 48.092 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:163 Resp: 728008
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.0 12.0





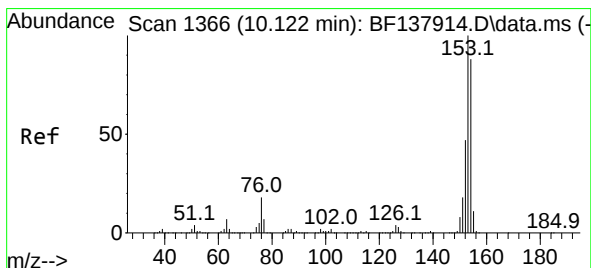
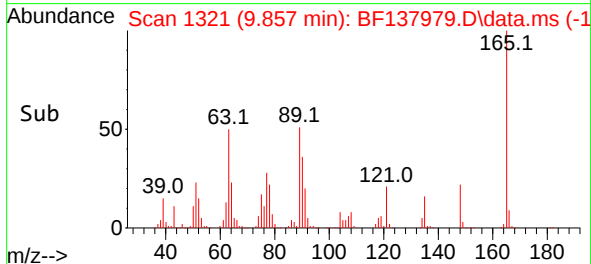
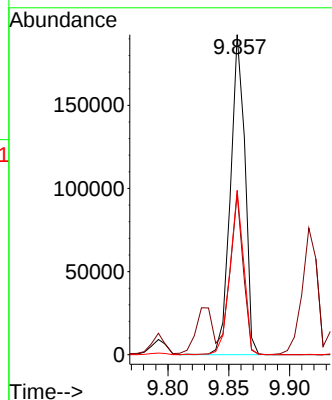
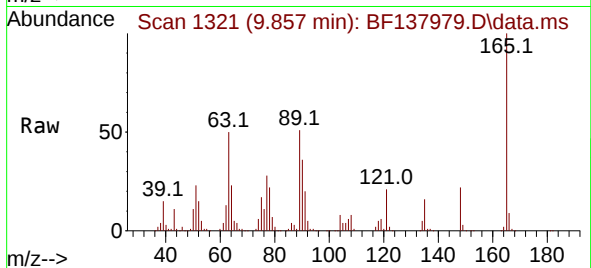
#51
2,6-Dinitrotoluene
Concen: 45.724 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion:165 Resp: 158858
Ion Ratio Lower Upper
165 100
63 50.3 38.9 58.3
89 51.4 40.4 60.6

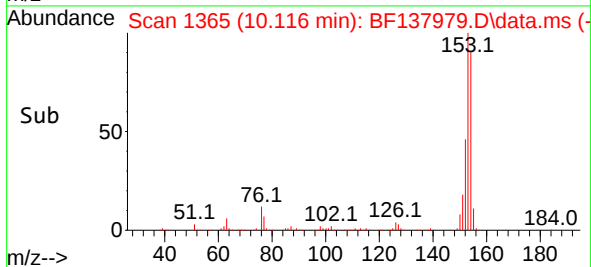
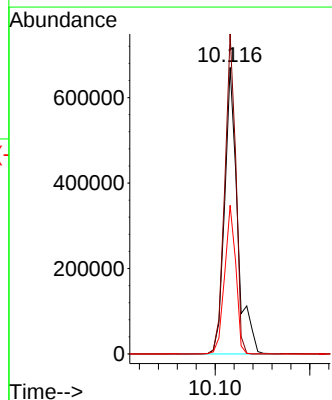
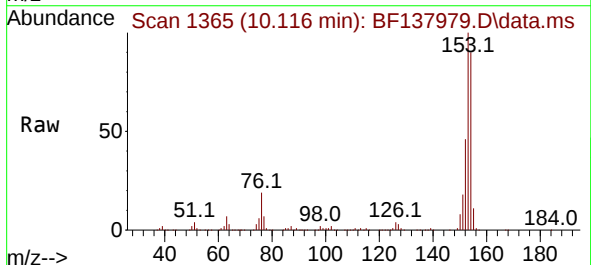
Manual Integrations
APPROVED

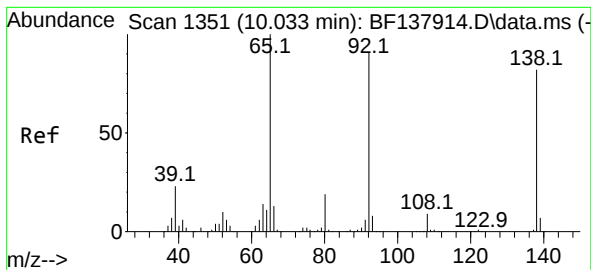
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 49.598 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

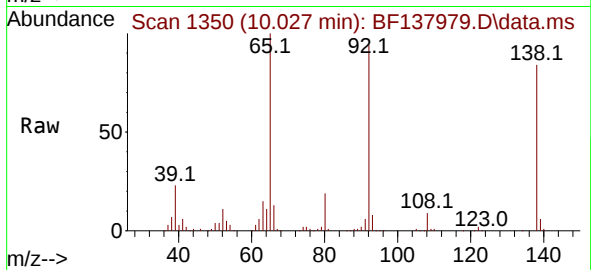
Tgt Ion:154 Resp: 637075
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 51.9 42.3 63.5





#53
3-Nitroaniline
Concen: 38.208 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

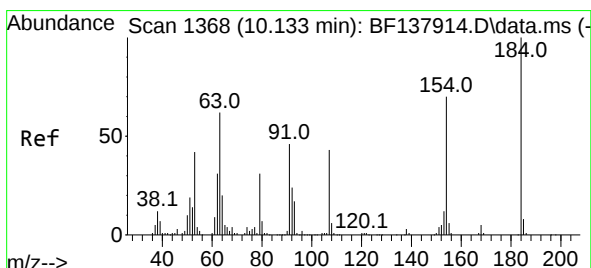
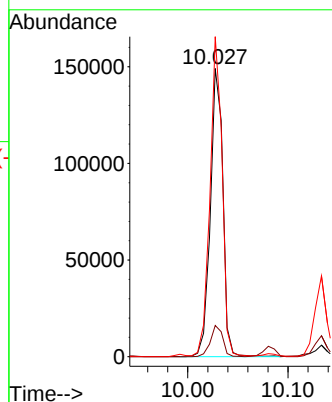
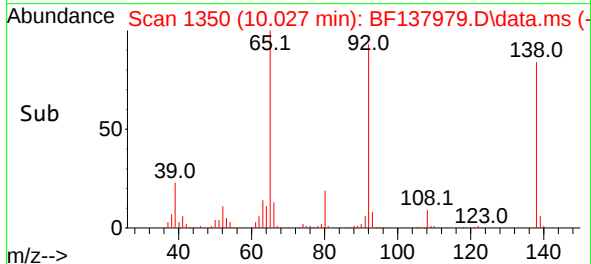
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:138 Resp: 12977
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 111.0 88.6 133.0

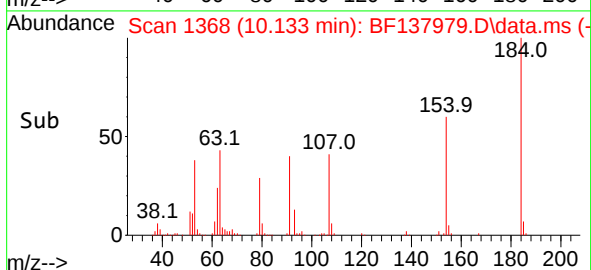
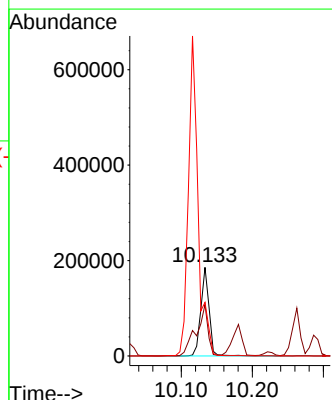
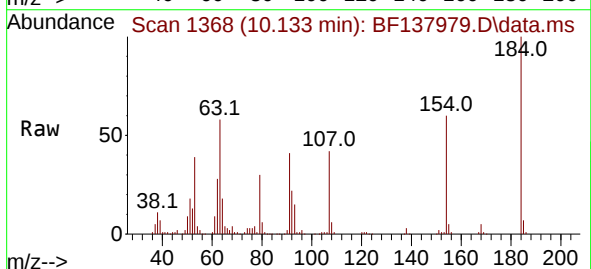
Manual Integrations
APPROVED

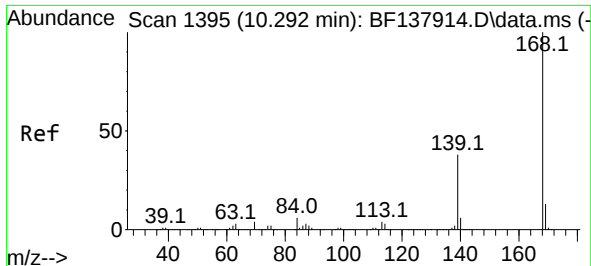
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#54
2,4-Dinitrophenol
Concen: 80.413 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

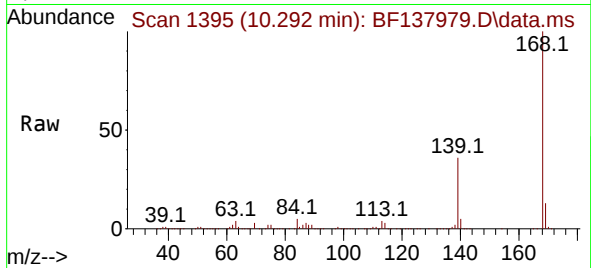
Tgt Ion:184 Resp: 151007
Ion Ratio Lower Upper
184 100
63 58.0 50.4 75.6
154 60.4 63.7 95.5#





#55
Dibenzofuran
Concen: 46.805 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

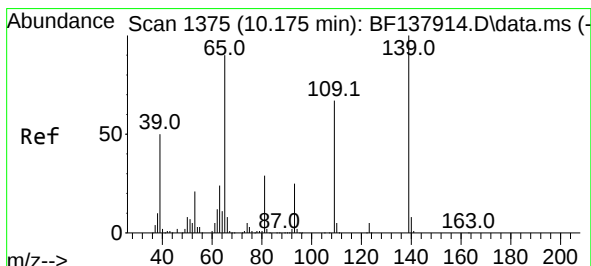
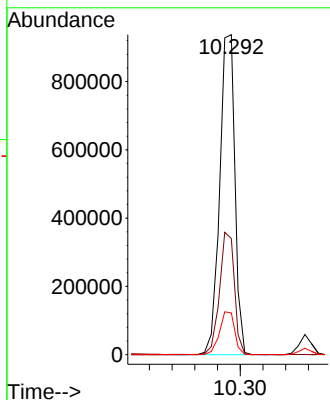
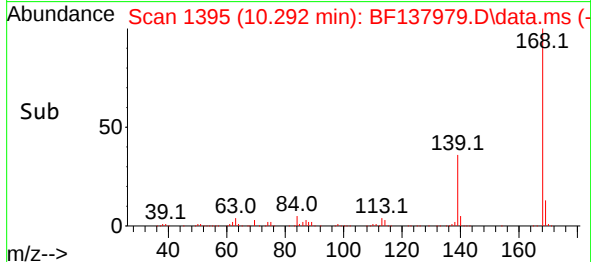
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:168 Resp: 87494
Ion Ratio Lower Upper
168 100
139 36.3 30.4 45.6
169 13.1 10.5 15.7

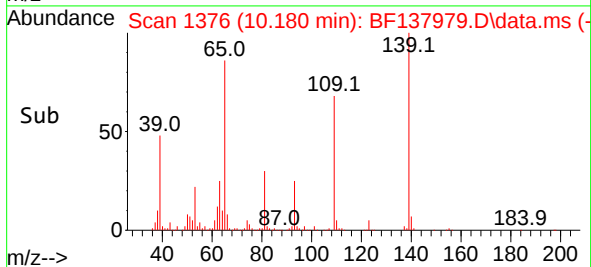
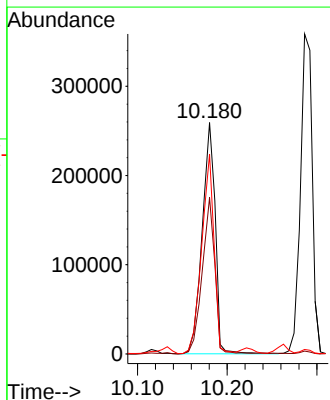
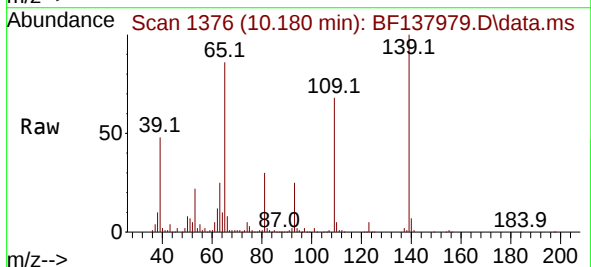
Manual Integrations
APPROVED

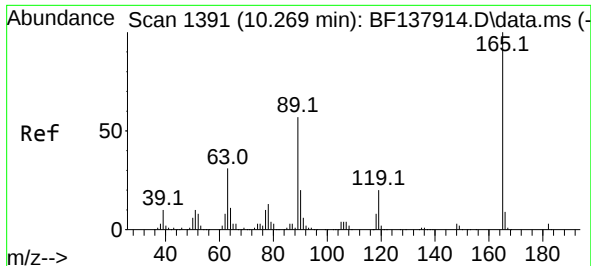
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 107.331 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion:139 Resp: 261832
Ion Ratio Lower Upper
139 100
109 67.6 46.5 86.5
65 86.4 70.4 110.4





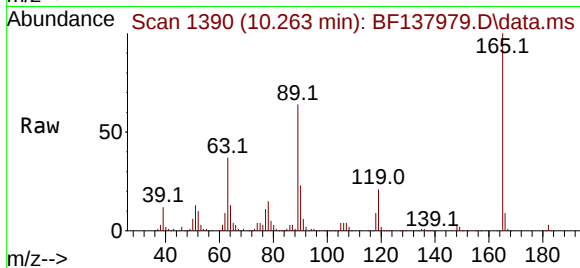
#57
2,4-Dinitrotoluene
Concen: 47.553 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

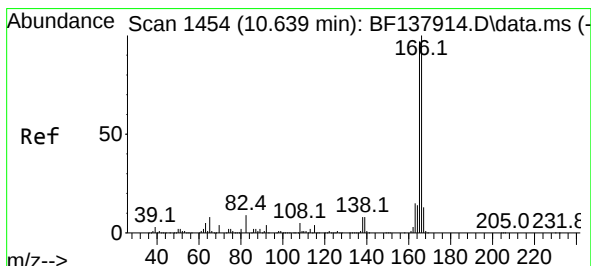
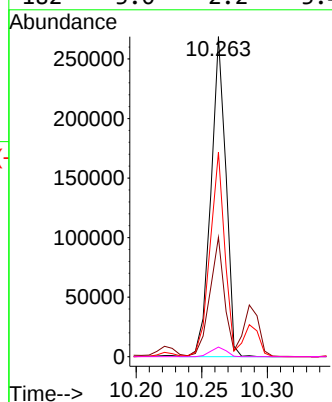
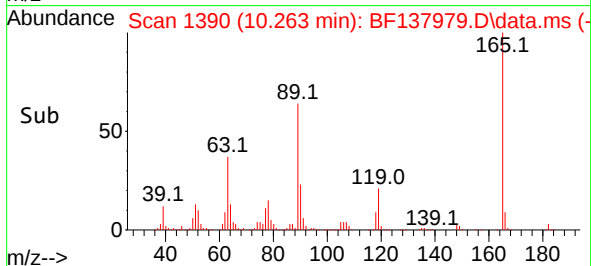


Tgt Ion:165 Resp: 213580
Ion Ratio Lower Upper
165 100
63 37.3 25.3 37.9
89 63.9 45.9 68.9
182 3.0 2.2 3.4

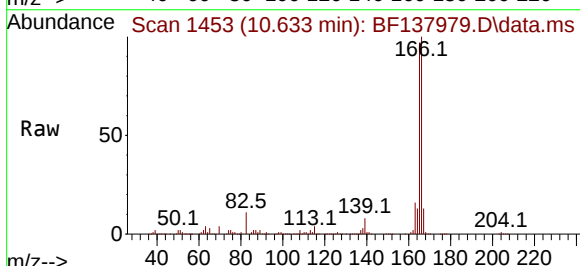
Manual Integrations

APPROVED

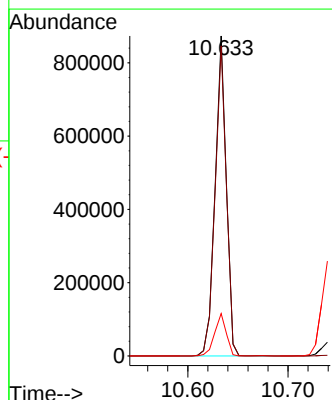
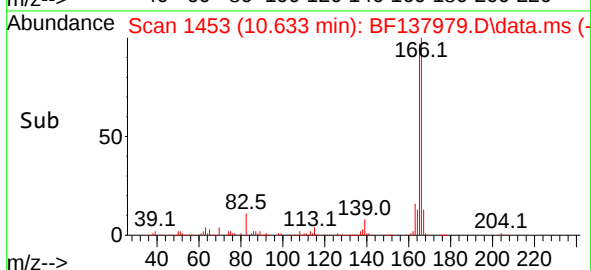
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

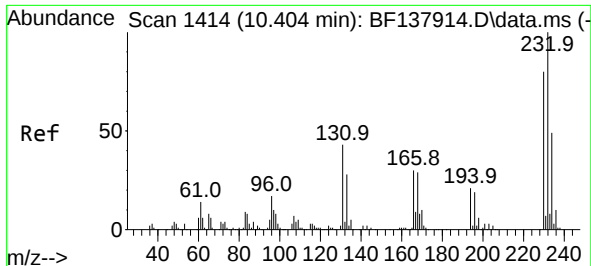


#58
Fluorene
Concen: 45.934 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



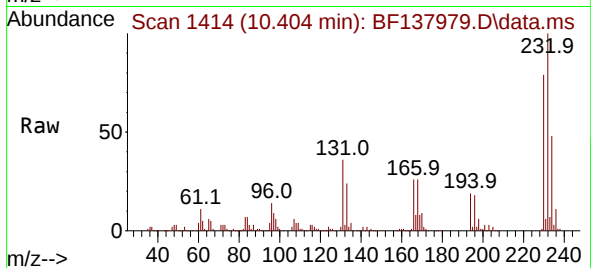
Tgt Ion:166 Resp: 679170
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.244 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

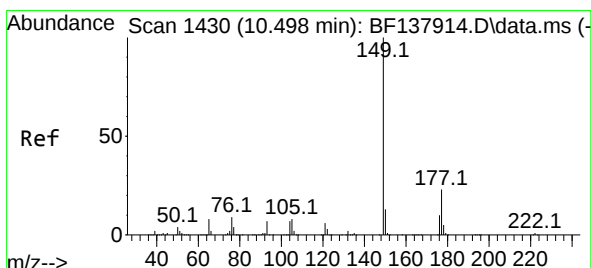
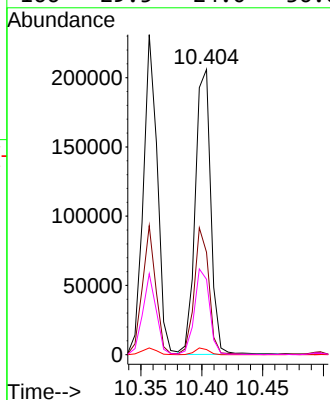
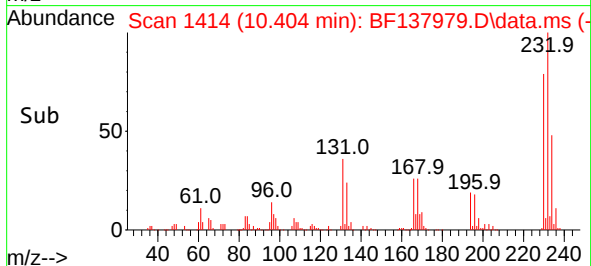
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



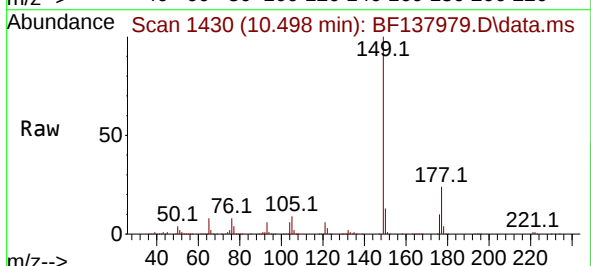
Tgt Ion:232 Resp: 182140
Ion Ratio Lower Upper
232 100
131 41.6 34.4 51.6
130 2.1 1.7 2.5
166 29.5 24.0 36.0

Manual Integrations
APPROVED

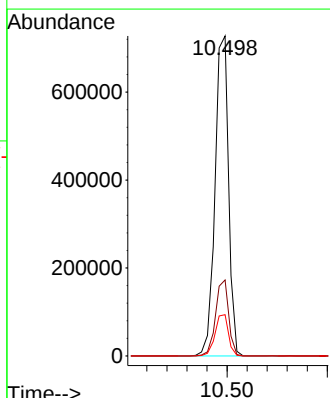
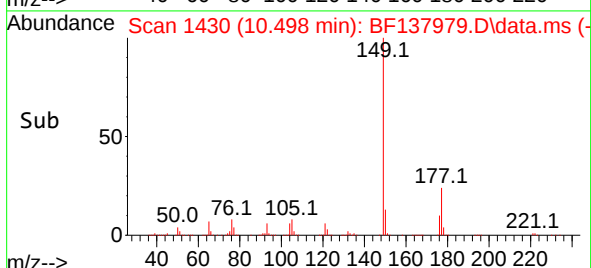
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

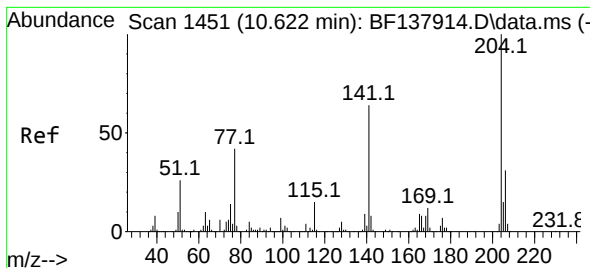


#60
Diethylphthalate
Concen: 48.188 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



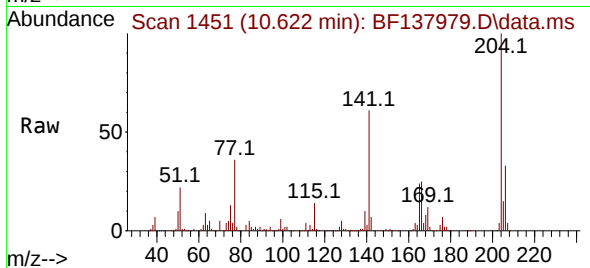
Tgt Ion:149 Resp: 681267
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.489 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

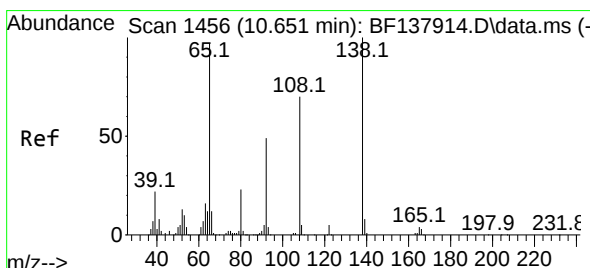
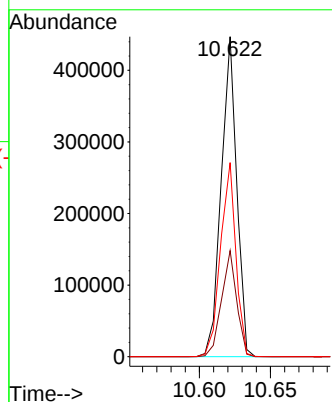
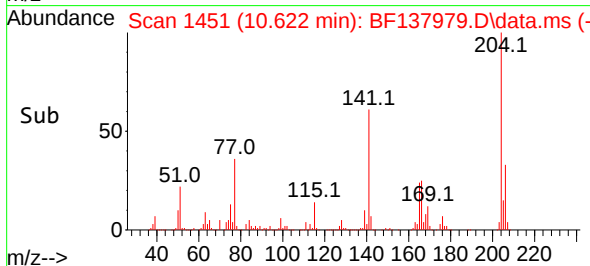
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



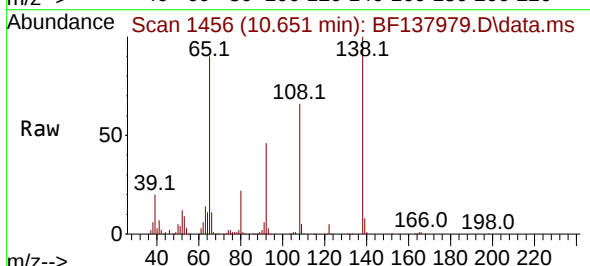
Tgt Ion:204 Resp: 33898
Ion Ratio Lower Upper
204 100
206 33.2 25.1 37.7
141 60.7 51.0 76.6

Manual Integrations
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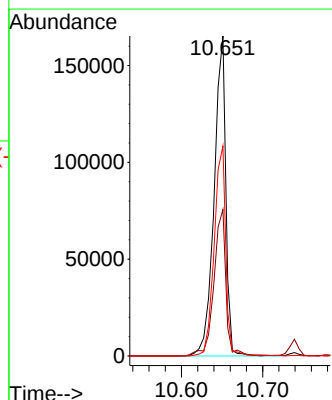
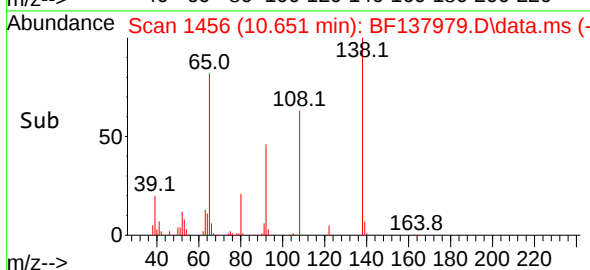
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

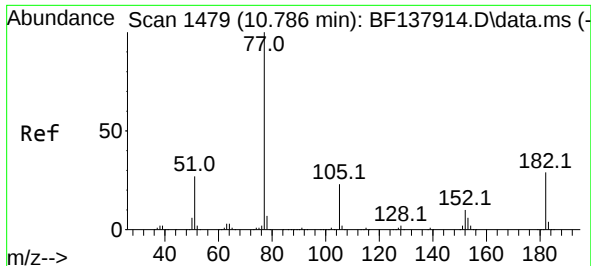


#62
4-Nitroaniline
Concen: 51.272 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:138 Resp: 165174
Ion Ratio Lower Upper
138 100
92 45.8 29.0 69.0
108 65.6 49.7 89.7





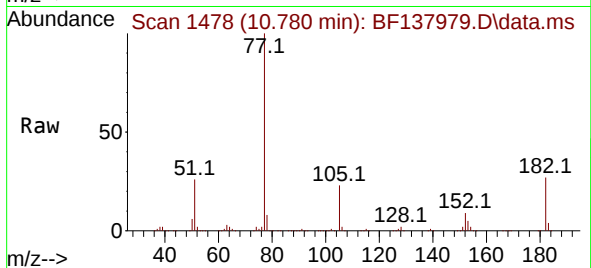
#63
Azobenzene
Concen: 47.941 ng
RT: 10.780 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

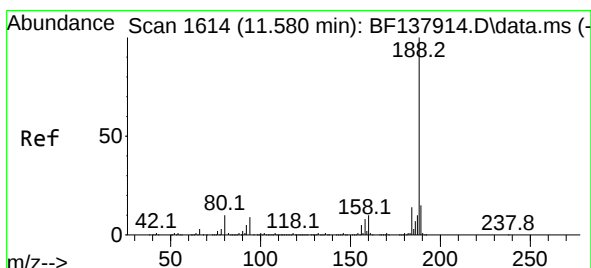
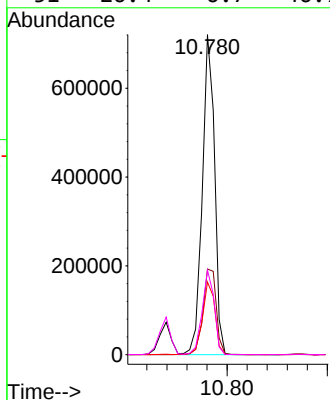
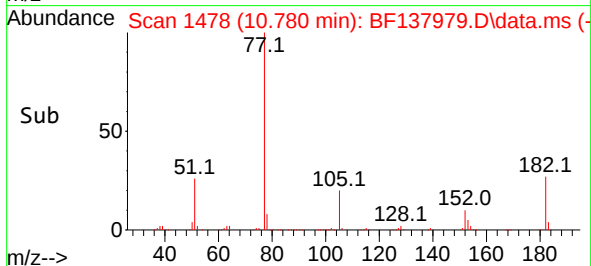


Tgt Ion: 77 Resp: 616498
Ion Ratio Lower Upper
77 100
182 26.8 9.2 49.2
105 22.7 3.1 43.1
51 26.4 6.7 46.7

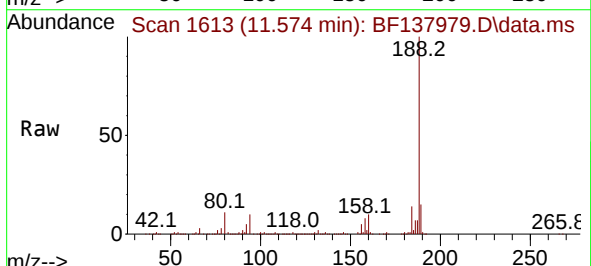
Manual Integrations

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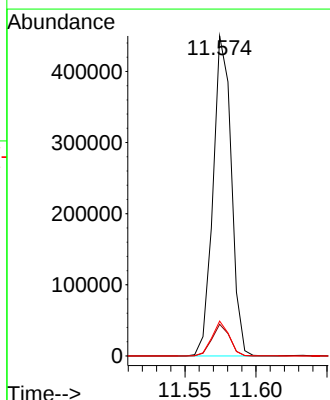
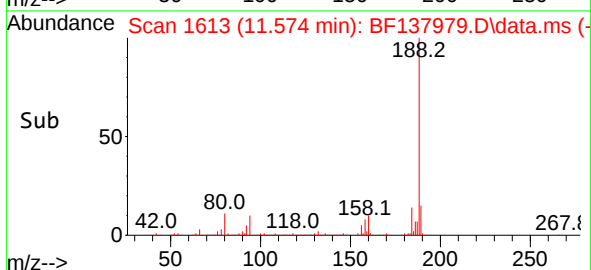
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

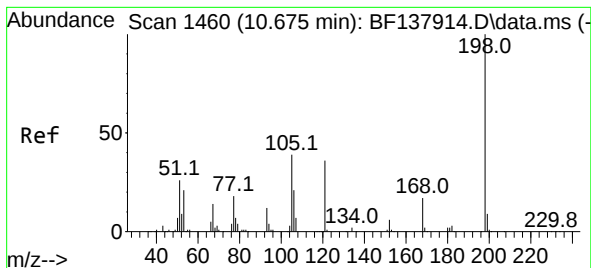


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:188 Resp: 403459
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.9 7.7 11.5





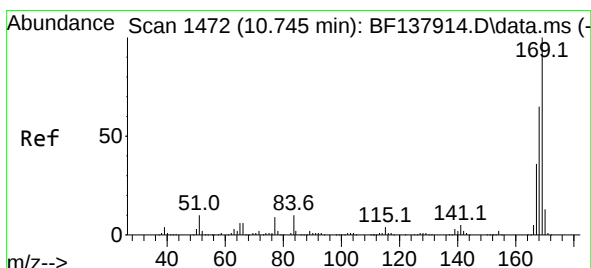
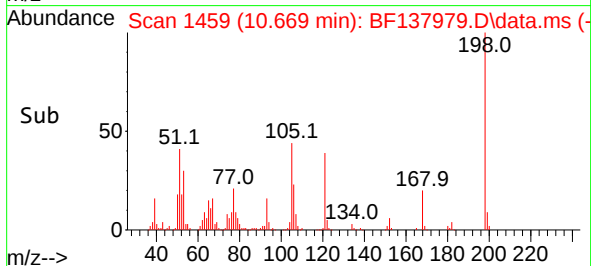
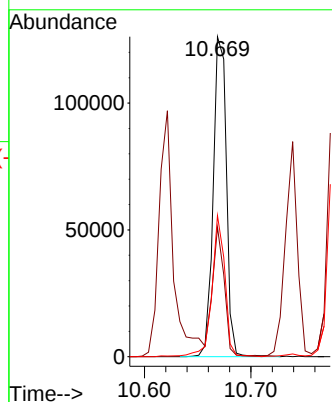
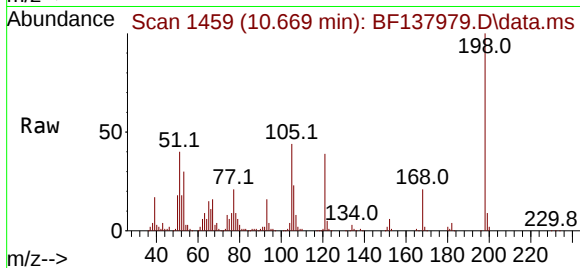
#65
4,6-Dinitro-2-methylphenol
Concen: 46.627 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD

Tgt Ion:198 Resp: 108623
Ion Ratio Lower Upper
198 100
51 40.5 13.8 53.8
105 44.1 19.0 59.0

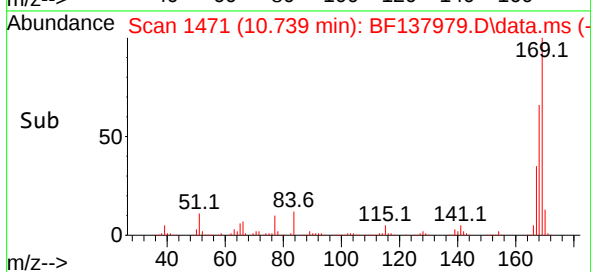
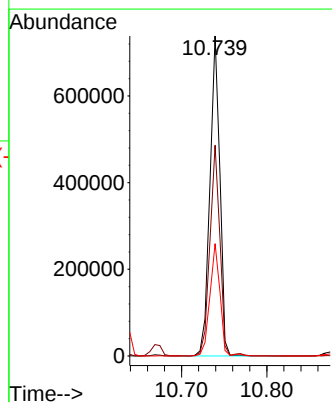
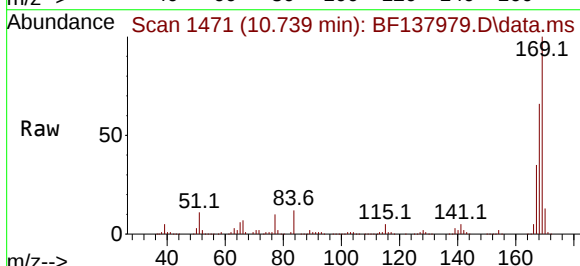
Manual Integrations
APPROVED

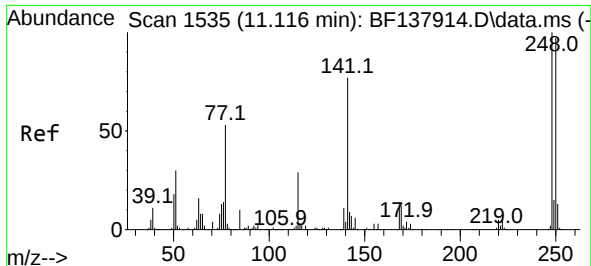
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#66
n-Nitrosodiphenylamine
Concen: 48.272 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

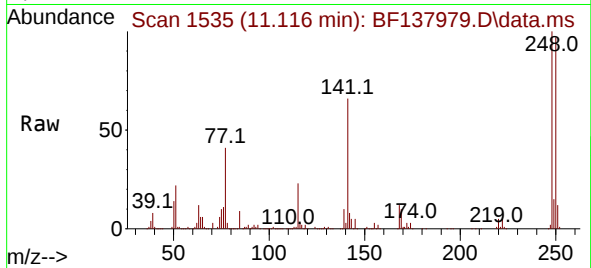
Tgt Ion:169 Resp: 597263
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 35.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 48.057 ng
RT: 11.116 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

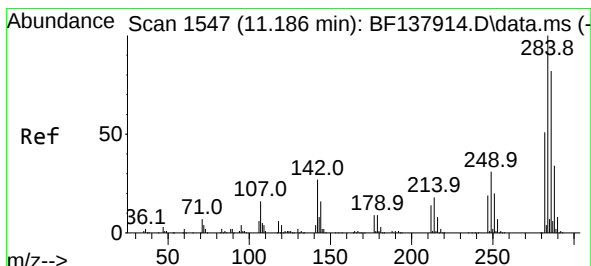
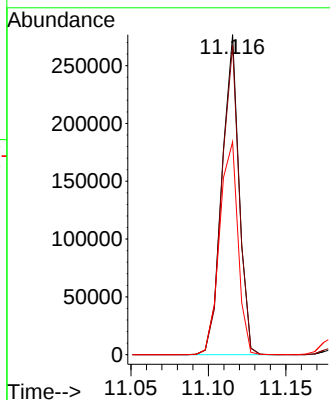
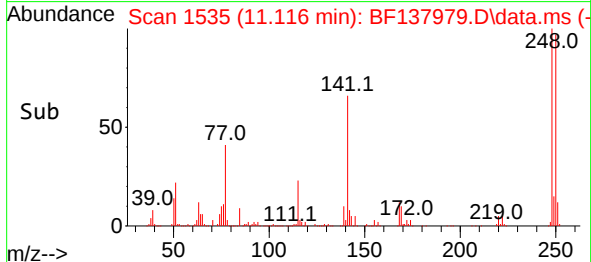
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



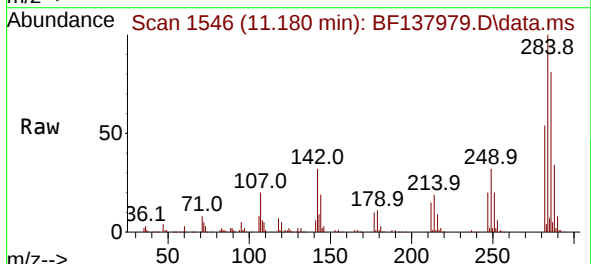
Tgt Ion:248 Resp: 21255
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 66.5 61.4 92.2

Manual Integrations
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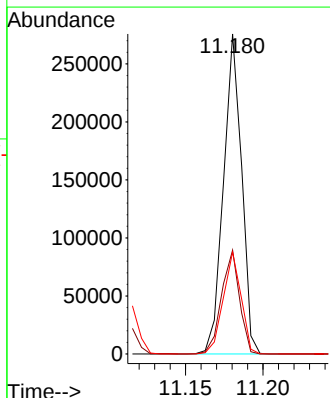
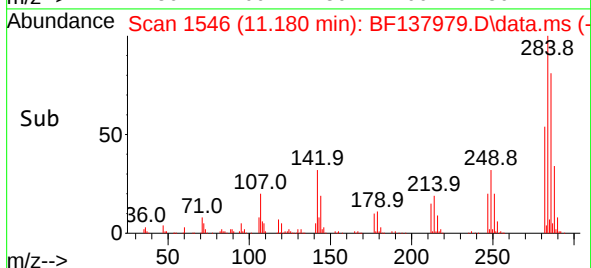
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

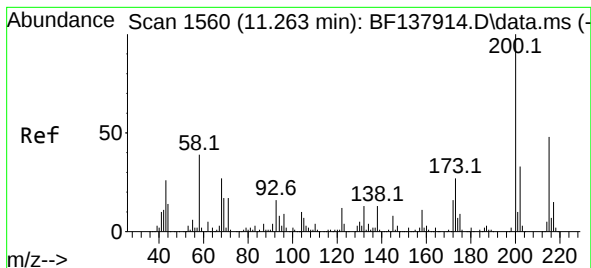


#68
Hexachlorobenzene
Concen: 45.741 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:284 Resp: 223635
Ion Ratio Lower Upper
284 100
142 32.5 21.3 31.9#
249 31.8 24.6 37.0





#69

Atrazine

Concen: 58.447 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

Tgt Ion:200 Resp: 197468

Ion Ratio Lower Upper

200 100

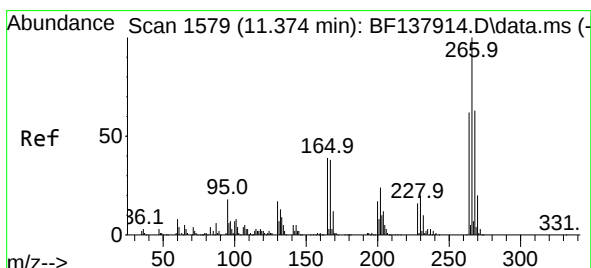
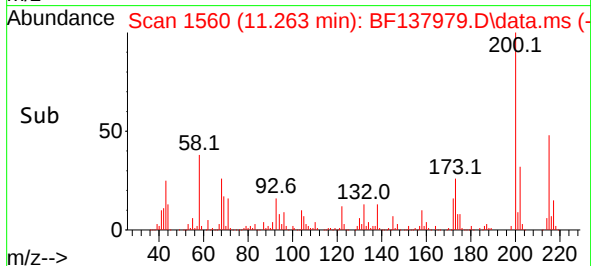
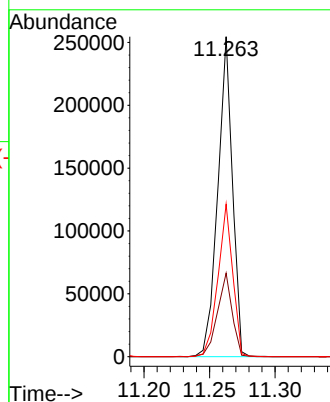
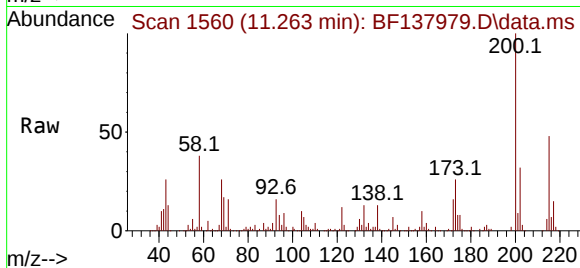
173 26.1 6.6 46.6

215 47.6 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 96.330 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

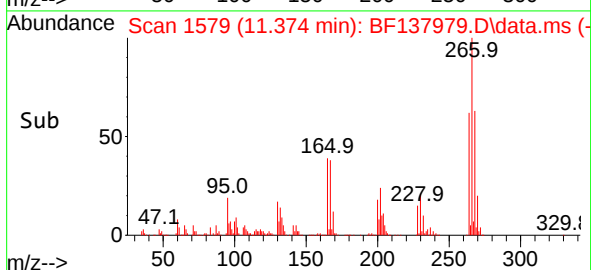
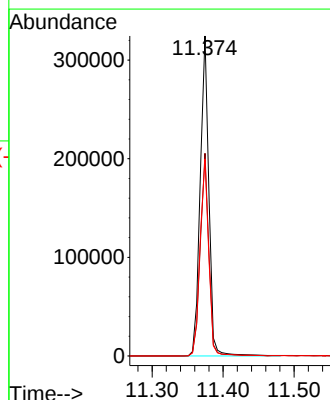
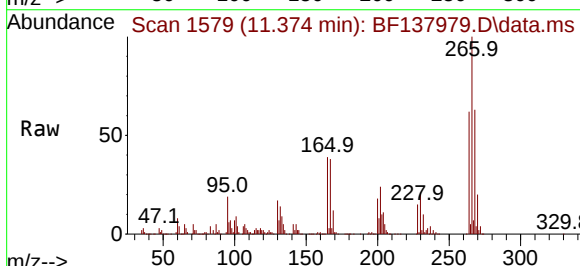
Tgt Ion:266 Resp: 275883

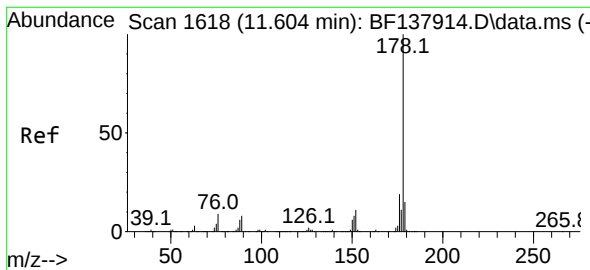
Ion Ratio Lower Upper

266 100

268 63.3 50.1 75.1

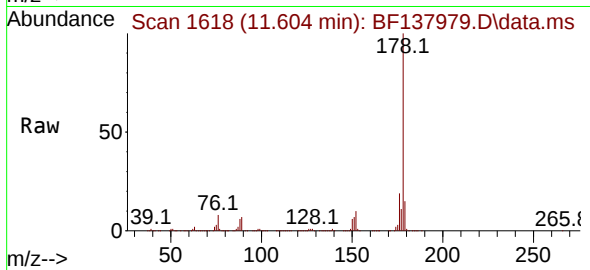
264 61.6 49.4 74.2





#71
Phenanthrene
Concen: 47.643 ng
RT: 11.604 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

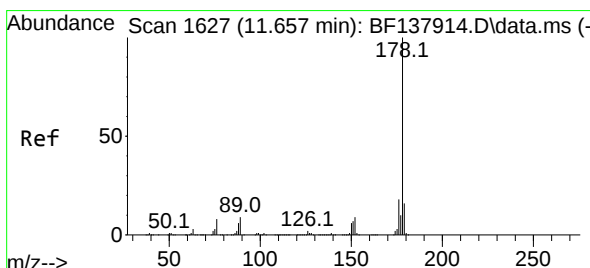
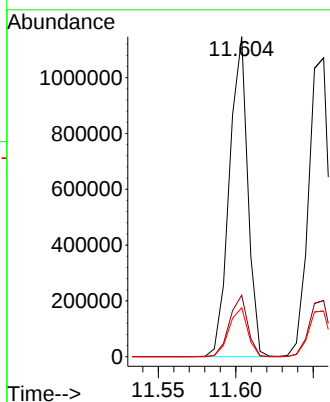
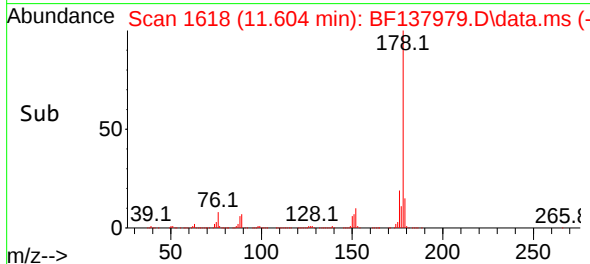
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:178 Resp: 947244
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.3 12.2 18.4

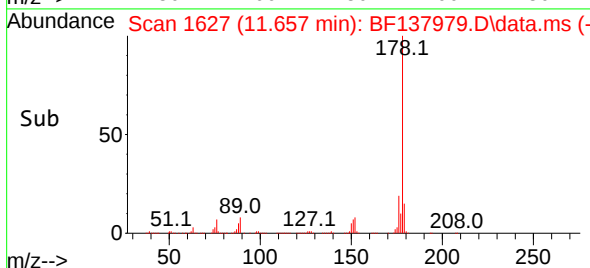
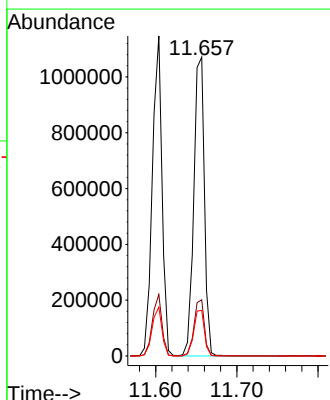
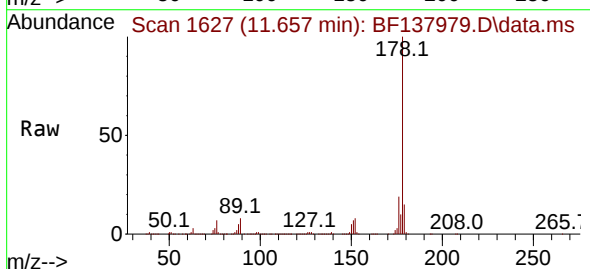
Manual Integrations
APPROVED

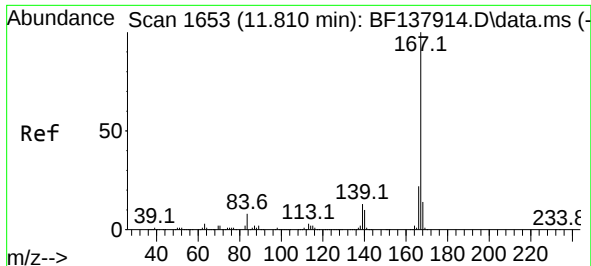
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#72
Anthracene
Concen: 49.642 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

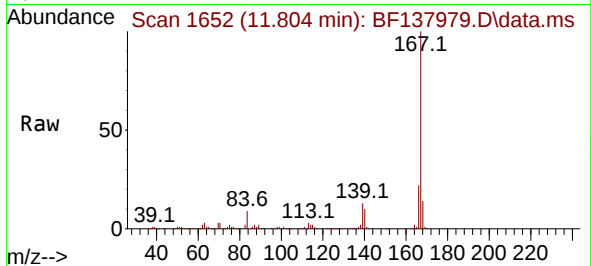
Tgt Ion:178 Resp: 979272
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 48.690 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF137979.D
 Acq: 21 May 2024 15:38

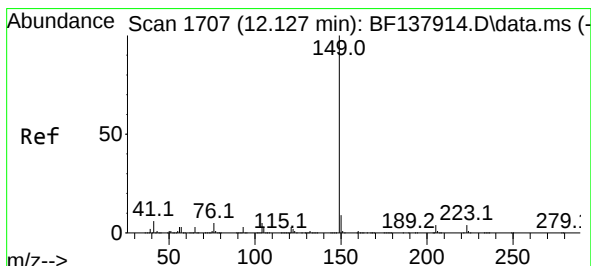
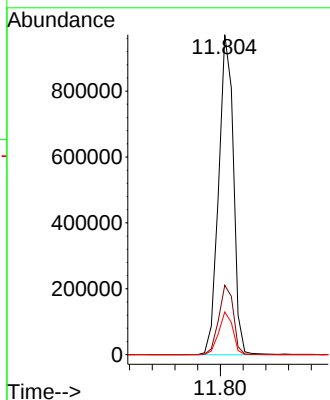
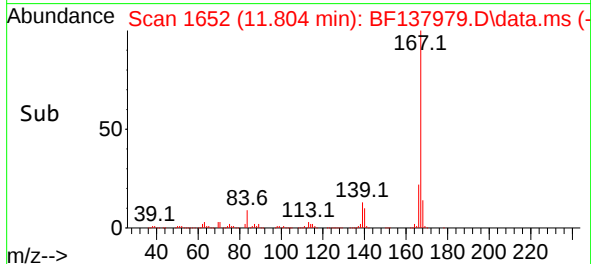
Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MSD



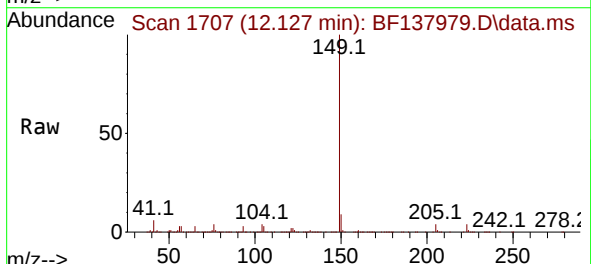
Tgt Ion:167 Resp: 877398
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations
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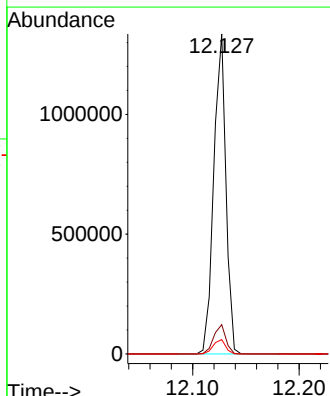
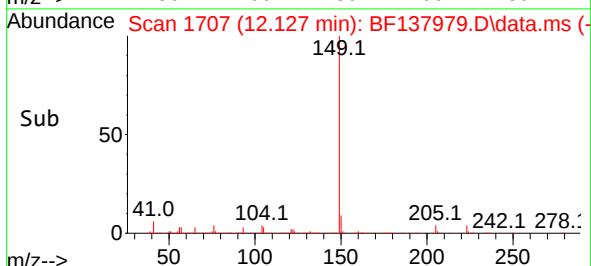
Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

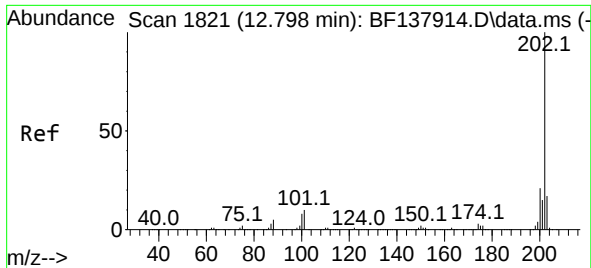


#74
 Di-n-butylphthalate
 Concen: 52.771 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: BF137979.D
 Acq: 21 May 2024 15:38



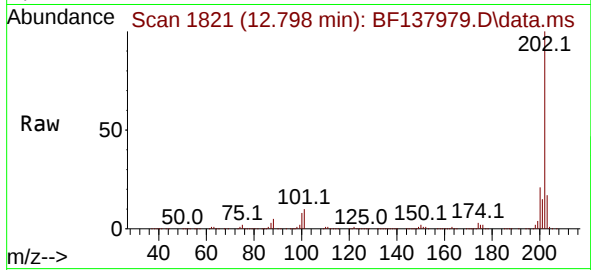
Tgt Ion:149 Resp: 1055349
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 49.947 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

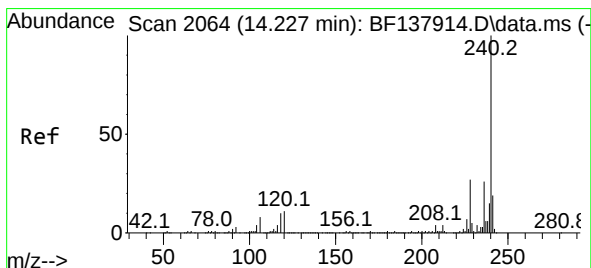
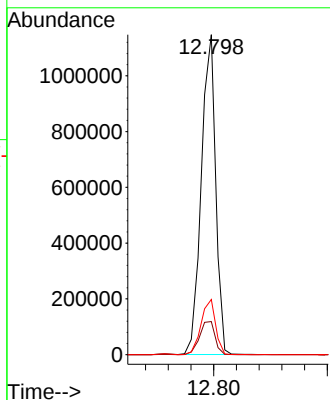
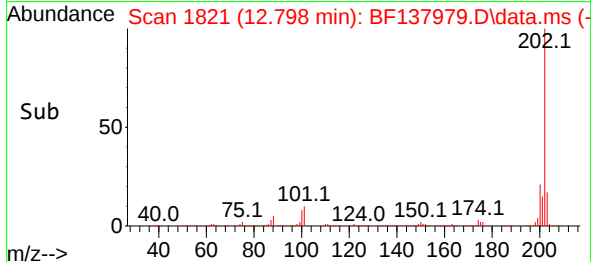
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



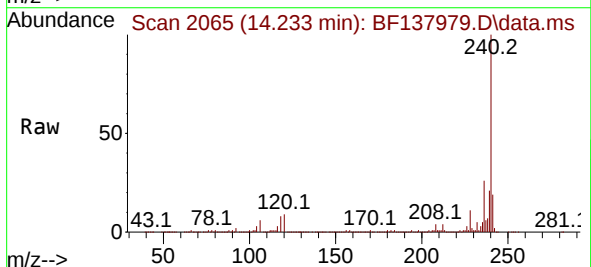
Tgt Ion:202 Resp: 1007962
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.5
203 17.3 0.0 37.3

Manual Integrations
APPROVED

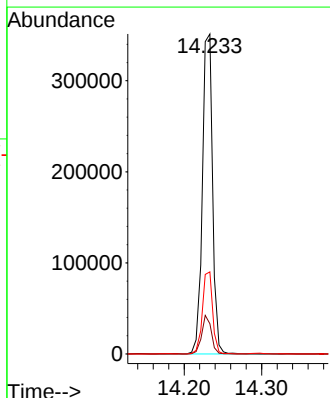
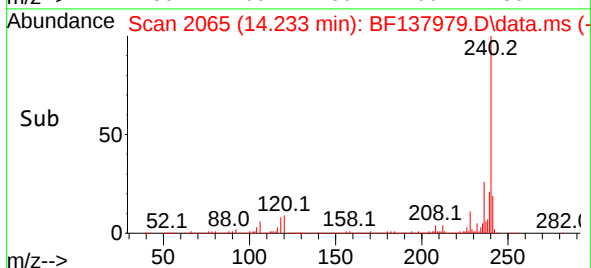
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

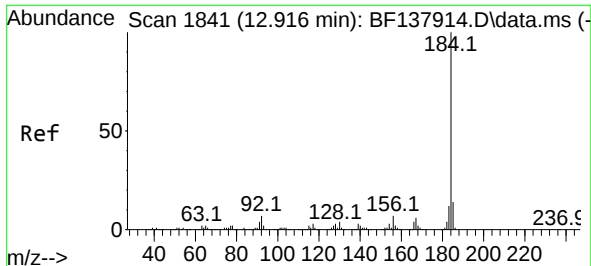


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



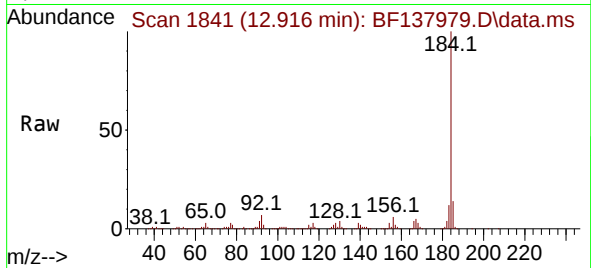
Tgt Ion:240 Resp: 321245
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.7 21.0 31.4





#77
Benzidine
Concen: 83.339 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.001 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

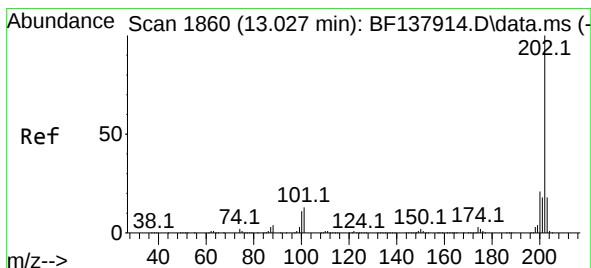
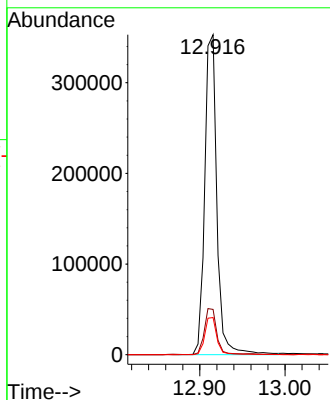
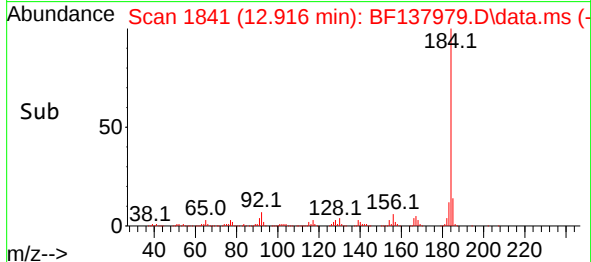
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



Tgt Ion:184 Resp: 34988
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.6 9.5 14.3

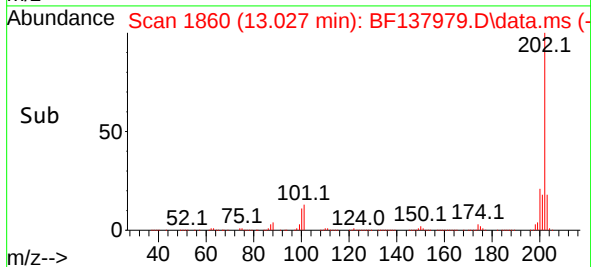
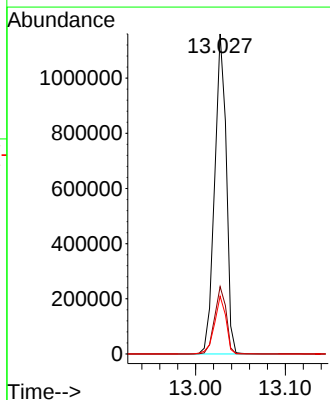
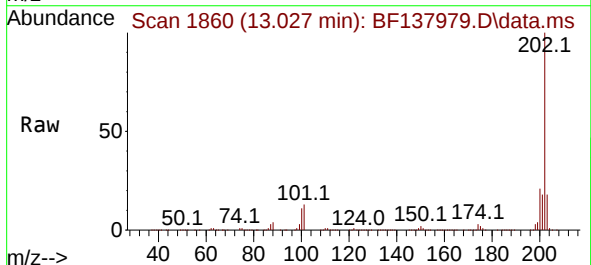
Manual Integrations
APPROVED

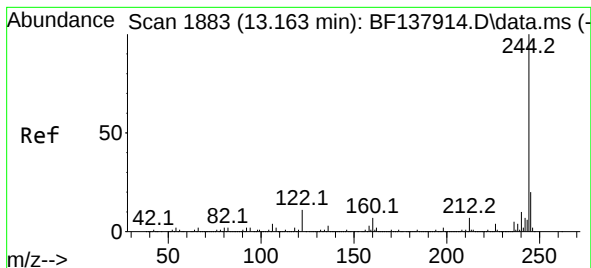
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 37.039 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion:202 Resp: 1040687
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 55.214 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137979.D

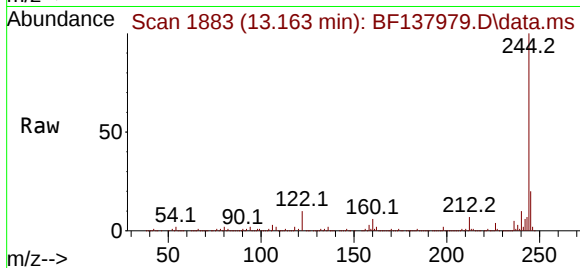
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD



Tgt Ion:244 Resp: 1203499

Ion Ratio Lower Upper

244 100

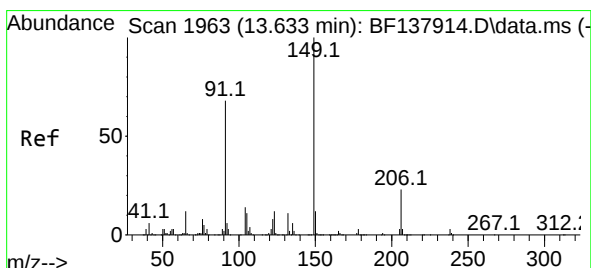
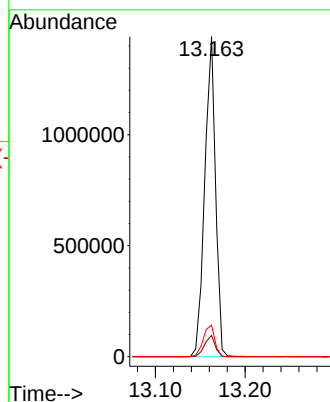
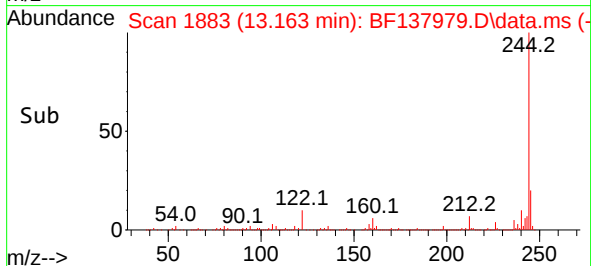
212 6.6 5.6 8.4

122 9.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 51.841 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

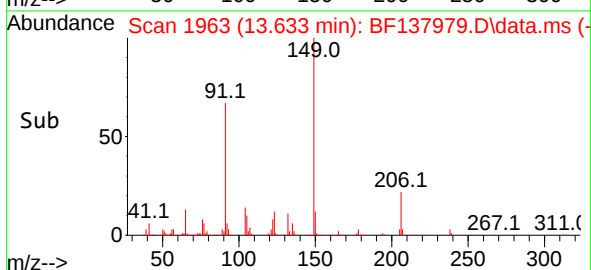
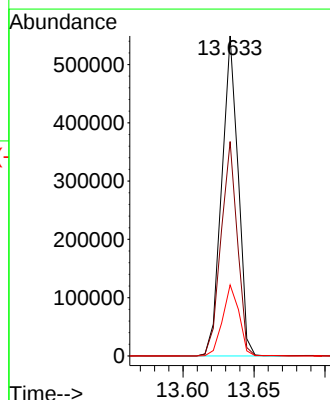
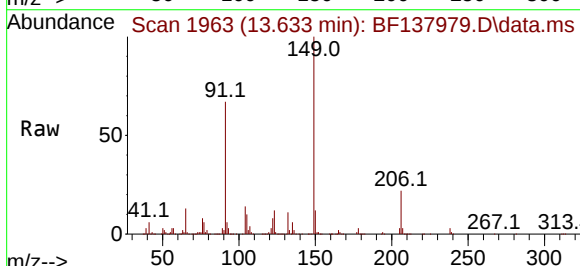
Tgt Ion:149 Resp: 439351

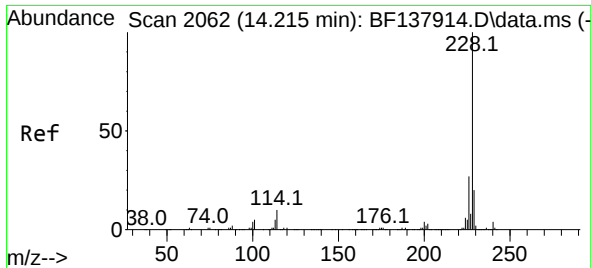
Ion Ratio Lower Upper

149 100

91 67.0 54.2 81.4

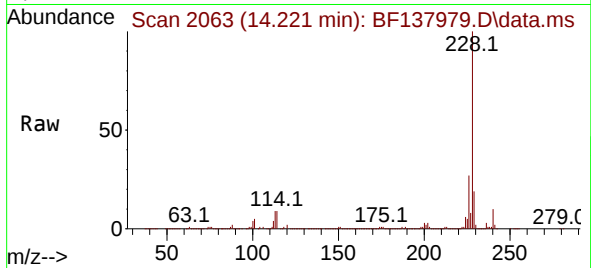
206 22.2 18.1 27.1





#81
Benzo(a)anthracene
Concen: 50.073 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

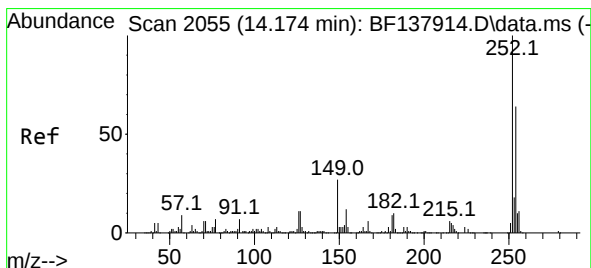
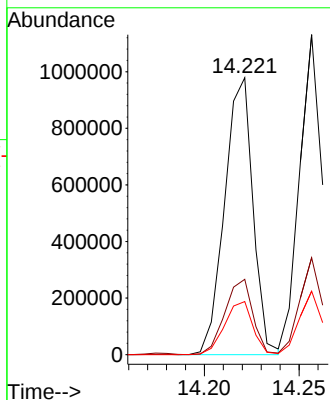
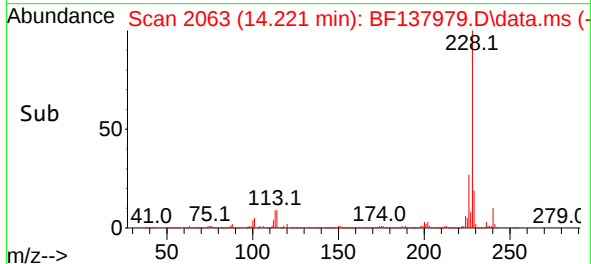
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



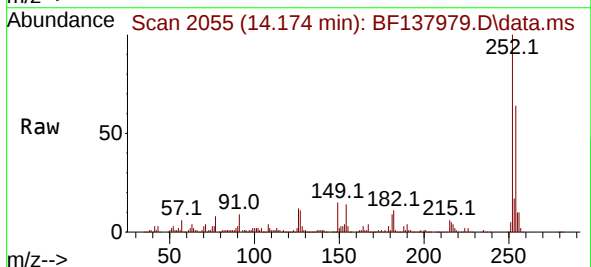
Tgt Ion:228 Resp: 1017674
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.2 15.7 23.5

Manual Integrations
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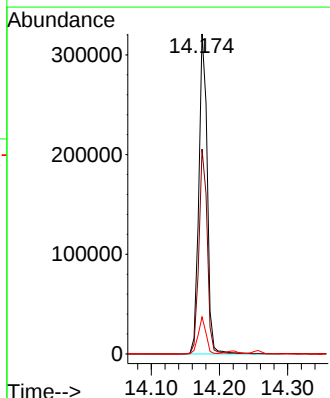
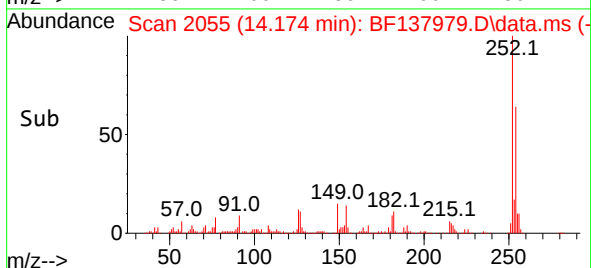
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

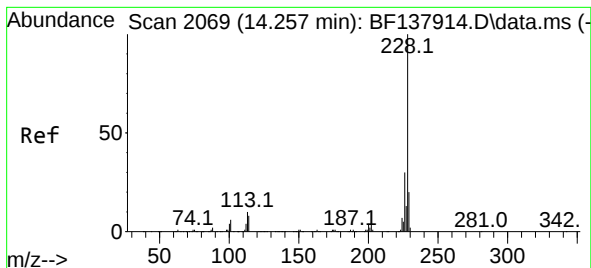


#82
3,3'-Dichlorobenzidine
Concen: 49.001 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:252 Resp: 275990
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 11.5 8.7 13.1





#83

Chrysene

Concen: 48.007 ng

RT: 14.257 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

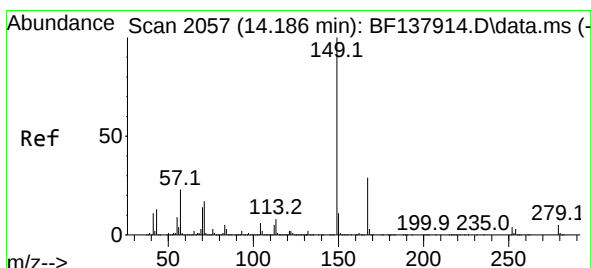
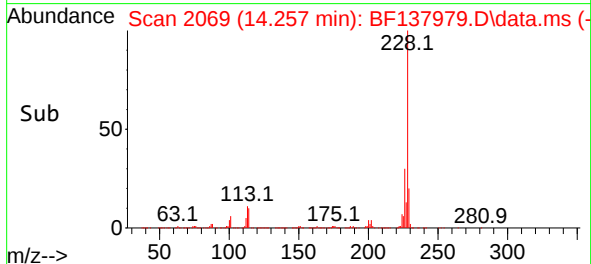
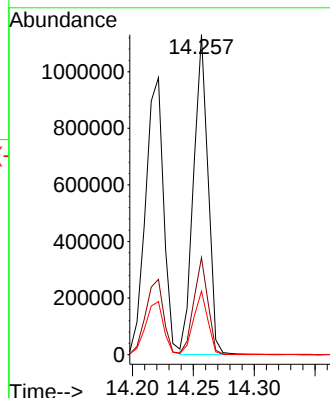
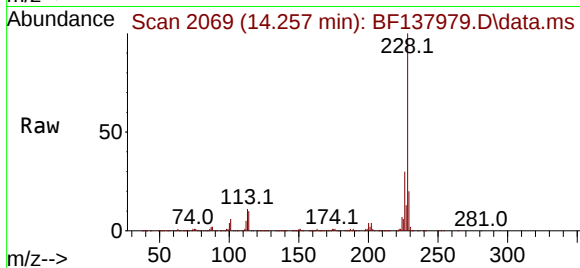
B-112-SB02MSD

Tgt Ion:	228	Resp:	93312
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.8
229	19.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.577 ng

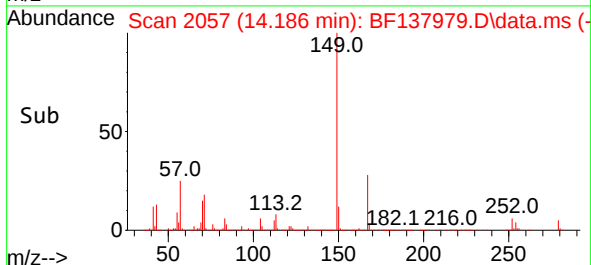
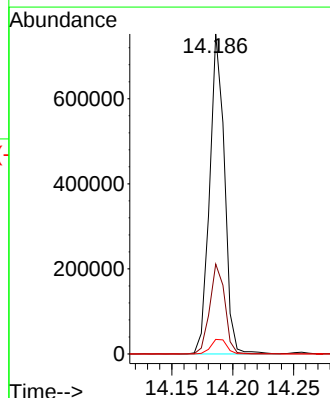
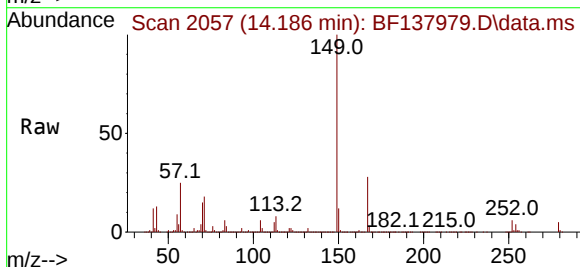
RT: 14.186 min Scan# 2057

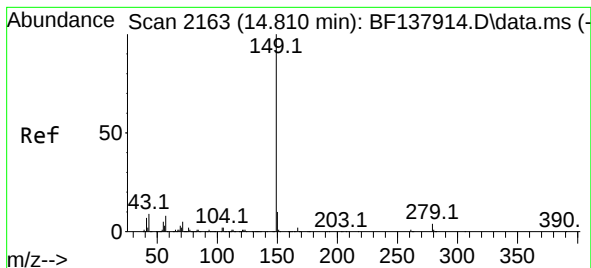
Delta R.T. -0.000 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

Tgt Ion:	149	Resp:	634709
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.2	34.8
279	4.6	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 75.006 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF137979.D

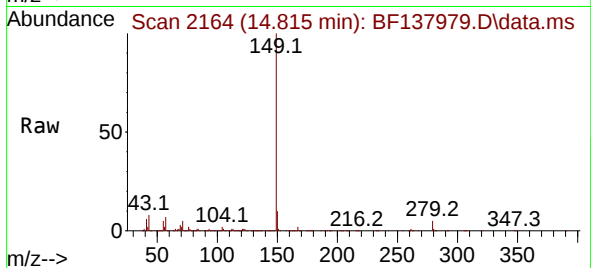
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD



Tgt Ion:149 Resp: 107950

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

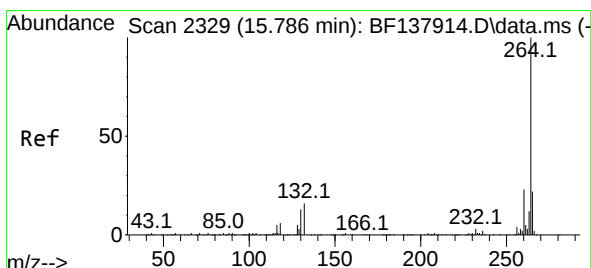
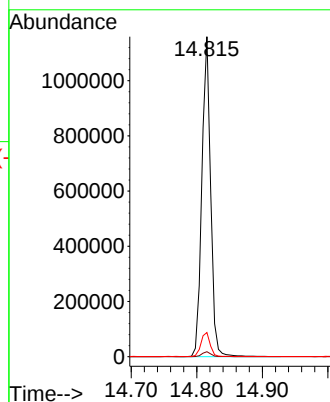
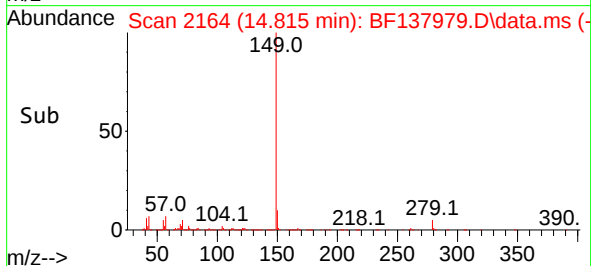
43 7.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF137979.D

Acq: 21 May 2024 15:38

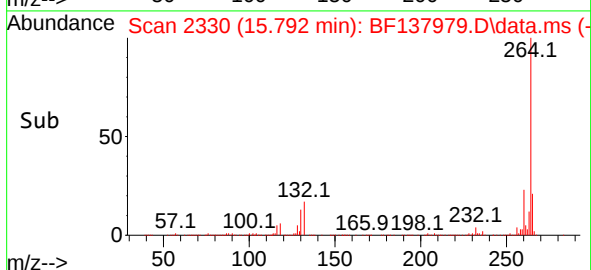
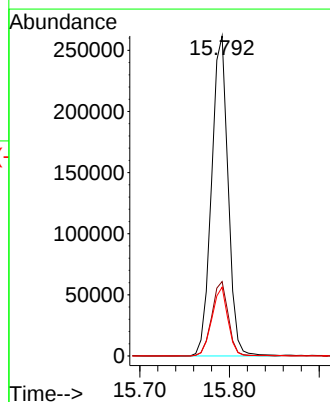
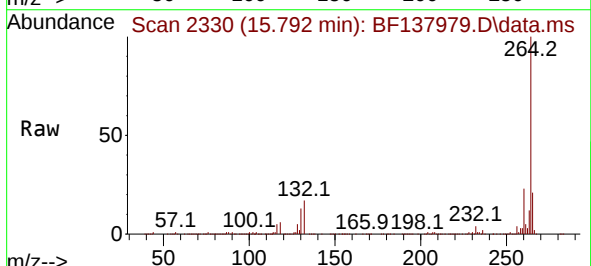
Tgt Ion:264 Resp: 335088

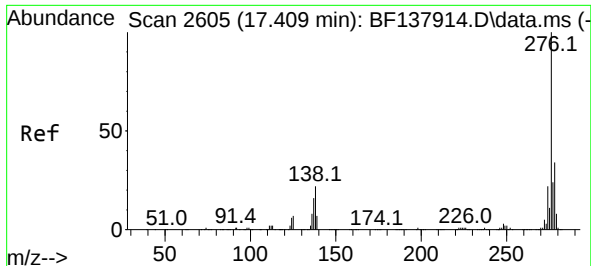
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.5 17.6 26.4





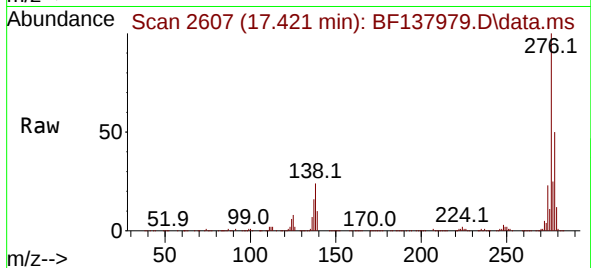
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.801 ng
RT: 17.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02MSD

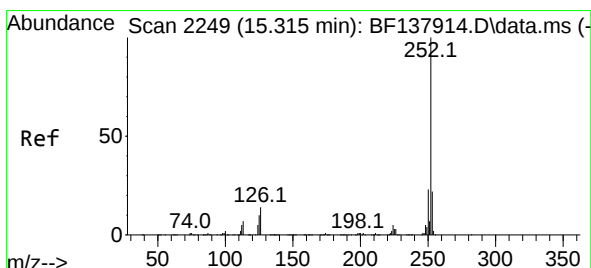
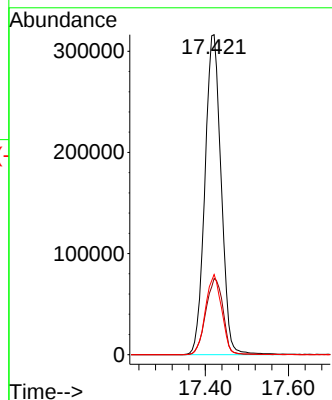
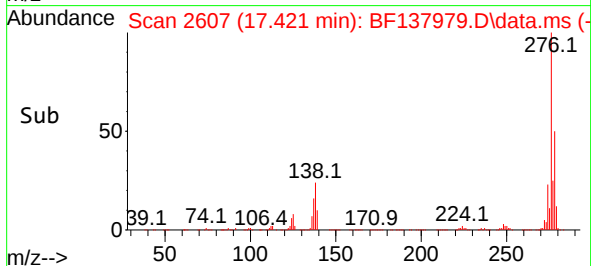


Tgt Ion:276 Resp: 856844
Ion Ratio Lower Upper
276 100
138 25.2 20.6 30.8
277 25.2 20.2 30.2

Manual Integrations

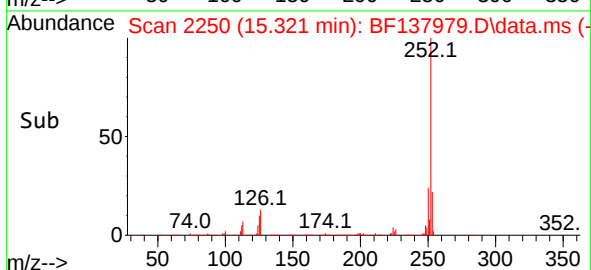
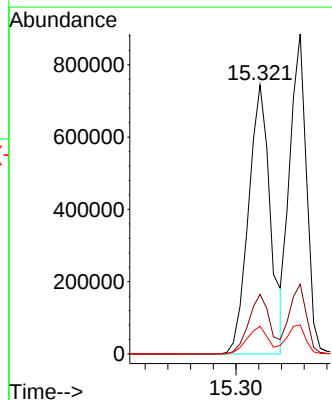
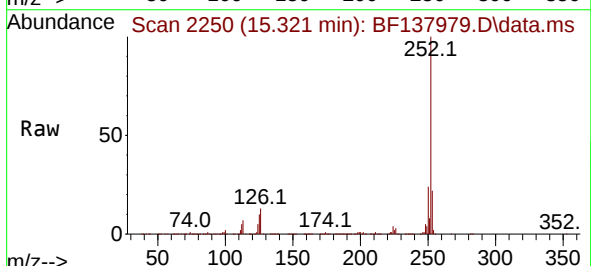
APPROVED

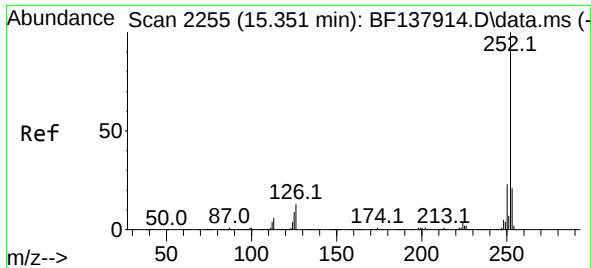
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#88
Benzo(b)fluoranthene
Concen: 51.297 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Tgt Ion:252 Resp: 995246
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.3 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 47.861 ng
RT: 15.357 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

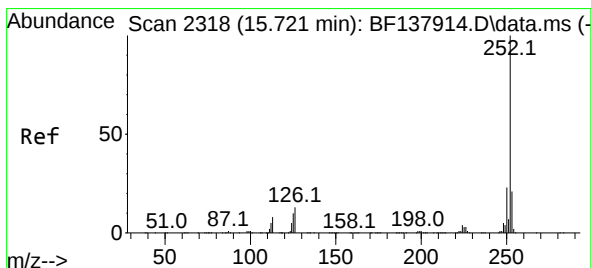
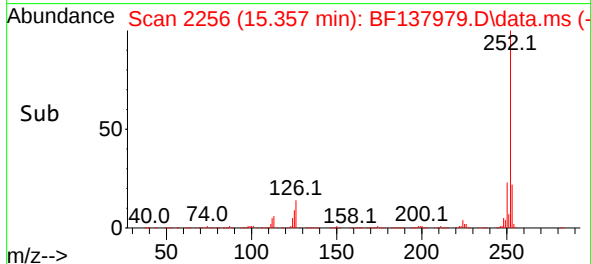
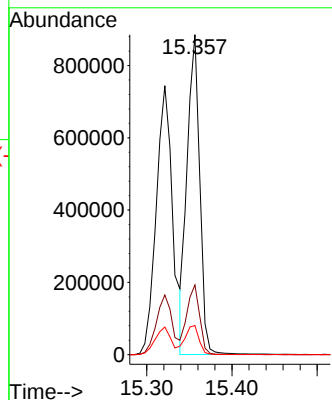
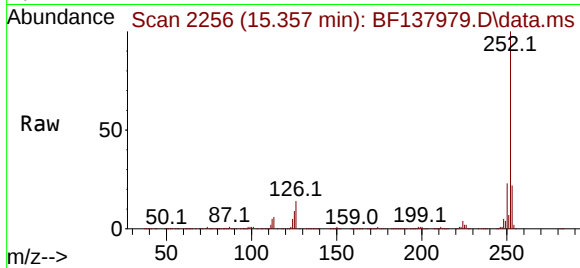
B-112-SB02MSD

Tgt Ion:252 Resp: 912245
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 7.7 11.5

Manual Integrations

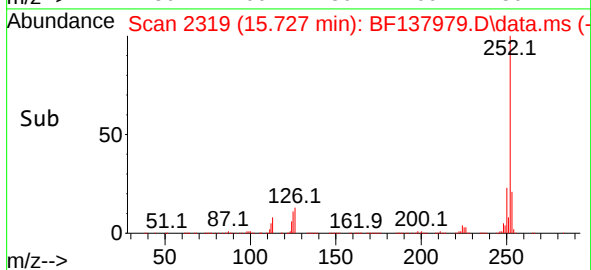
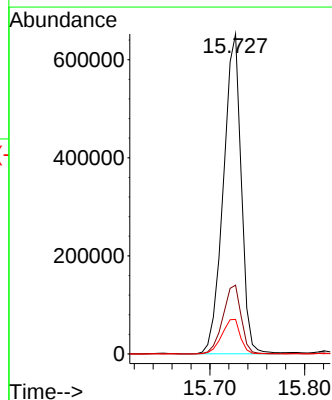
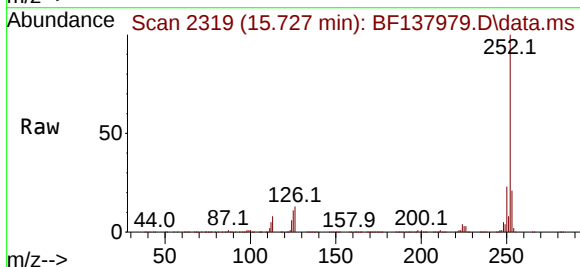
APPROVED

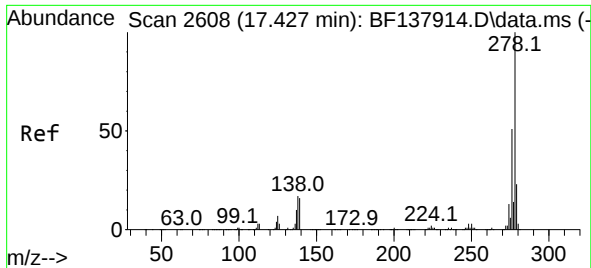
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#90
Benzo(a)pyrene
Concen: 51.561 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

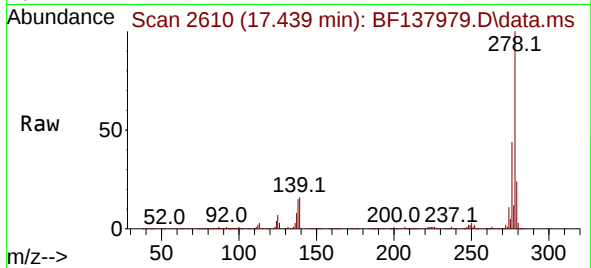
Tgt Ion:252 Resp: 854216
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 39.916 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38

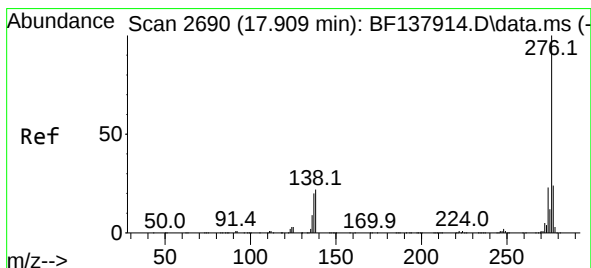
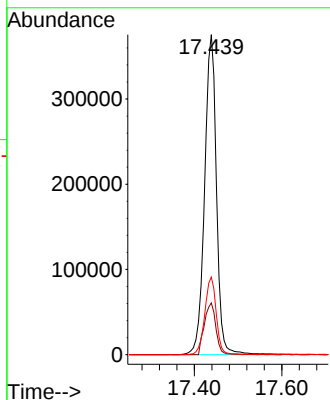
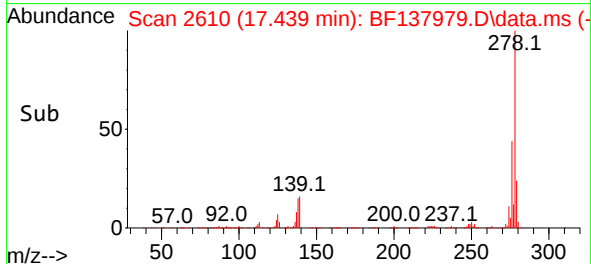
Instrument :
BNA_F
ClientSampleId :
B-112-SB02MSD



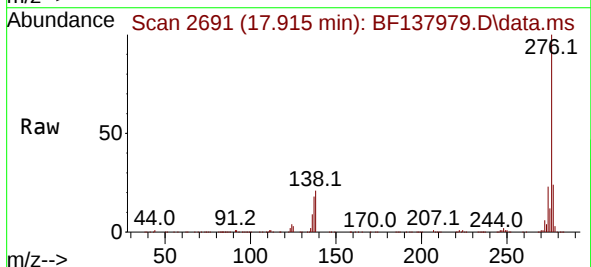
Tgt Ion:278 Resp: 709990
Ion Ratio Lower Upper
278 100
139 16.2 13.1 19.7
279 24.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 31.512 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137979.D
Acq: 21 May 2024 15:38



Tgt Ion:276 Resp: 588807
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 21.4 17.6 26.4

