

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137918.D
 Acq On : 14 May 2024 15:12
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051424

Quant Time: May 15 04:13:58 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	131708	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	503749	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	276382	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	459706	20.000	ng	0.00
76) Chrysene-d12	14.227	240	249872	20.000	ng	0.00
86) Perylene-d12	15.786	264	240880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	612894	79.045	ng	0.00
7) Phenol-d6	6.657	99	739572	77.431	ng	0.00
23) Nitrobenzene-d5	7.604	82	676176	78.994	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	224879	80.696	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1377807	76.791	ng	0.00
79) Terphenyl-d14	13.163	244	1357623	80.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	133091	39.622	ng	98
3) Pyridine	3.710	79	315198	41.821	ng	98
4) n-Nitrosodimethylamine	3.675	42	132668	39.902	ng	99
6) Aniline	6.704	93	352135	41.219	ng	100
8) 2-Chlorophenol	6.828	128	330975	39.444	ng	99
9) Benzaldehyde	6.598	77	204624	39.598	ng	98
10) Phenol	6.669	94	374571	38.853	ng	98
11) bis(2-Chloroethyl)ether	6.775	93	289601	39.123	ng	98
12) 1,3-Dichlorobenzene	6.987	146	375499	38.677	ng	99
13) 1,4-Dichlorobenzene	7.063	146	378943	38.886	ng	99
14) 1,2-Dichlorobenzene	7.216	146	354725	38.676	ng	98
15) Benzyl Alcohol	7.175	79	263329	41.288	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	353510	38.851	ng	99
17) 2-Methylphenol	7.281	107	261735	39.113	ng	99
18) Hexachloroethane	7.557	117	128175	38.869	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	208619	38.877	ng	99
20) 3+4-Methylphenols	7.434	107	342382	39.055	ng	99
22) Acetophenone	7.451	105	442439	39.206	ng	99
24) Nitrobenzene	7.628	77	341552	39.333	ng	96
25) Isophorone	7.857	82	573794	38.623	ng	99
26) 2-Nitrophenol	7.939	139	173684	39.806	ng	100
27) 2,4-Dimethylphenol	7.963	122	217905	38.790	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	346410	38.473	ng	99
29) 2,4-Dichlorophenol	8.175	162	278139	39.374	ng	100
30) 1,2,4-Trichlorobenzene	8.263	180	304568	38.615	ng	99
31) Naphthalene	8.351	128	977219	38.582	ng	100
32) Benzoic acid	8.063	122	189502	39.906	ng	97
33) 4-Chloroaniline	8.392	127	330824	39.843	ng	99
34) Hexachlorobutadiene	8.457	225	192447	38.549	ng	99
35) Caprolactam	8.757	113	81653m	39.897	ng	
36) 4-Chloro-3-methylphenol	8.863	107	282935	39.373	ng	100
37) 2-Methylnaphthalene	9.039	142	628286	38.590	ng	100
38) 1-Methylnaphthalene	9.139	142	606923	37.918	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	294895	39.247	ng	99
41) Hexachlorocyclopentadiene	9.186	237	116633	40.852	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	196057	39.796	ng	98

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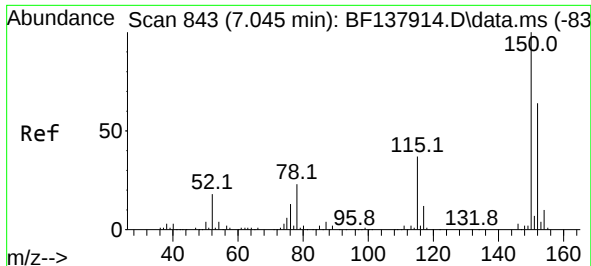
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	215178	39.918	ng	98
46) 1,1'-Biphenyl	9.504	154	753773	38.884	ng	99
47) 2-Chloronaphthalene	9.533	162	602270	38.920	ng	100
48) 2-Nitroaniline	9.622	65	160773	40.572	ng	97
49) Acenaphthylene	9.951	152	869324	39.070	ng	99
50) Dimethylphthalate	9.798	163	665841	38.418	ng	100
51) 2,6-Dinitrotoluene	9.863	165	157013	39.473	ng	99
52) Acenaphthene	10.122	154	575269	39.118	ng	99
53) 3-Nitroaniline	10.033	138	155976	40.110	ng	100
54) 2,4-Dinitrophenol	10.133	184	76620	39.517	ng	96
55) Dibenzofuran	10.292	168	831390	38.846	ng	100
56) 4-Nitrophenol	10.175	139	119678	42.849	ng	99
57) 2,4-Dinitrotoluene	10.269	165	209771	40.793	ng	99
58) Fluorene	10.639	166	655871	38.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	166587	39.338	ng	100
60) Diethylphthalate	10.498	149	629127	38.868	ng	100
61) 4-Chlorophenyl-phenyle...	10.627	204	324776	38.903	ng	91
62) 4-Nitroaniline	10.651	138	149259	40.468	ng	99
63) Azobenzene	10.786	77	579528	39.362	ng	100
65) 4,6-Dinitro-2-methylph...	10.675	198	110009	41.445	ng	97
66) n-Nitrosodiphenylamine	10.745	169	545212	38.674	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	197990	39.286	ng	99
68) Hexachlorobenzene	11.186	284	218325	39.191	ng	99
69) Atrazine	11.263	200	151092	39.248	ng	99
70) Pentachlorophenol	11.374	266	138448	42.427	ng	97
71) Phenanthrene	11.604	178	880794	38.880	ng	100
72) Anthracene	11.657	178	868917	38.658	ng	99
73) Carbazole	11.810	167	799851	38.955	ng	99
74) Di-n-butylphthalate	12.127	149	897691	39.396	ng	100
75) Fluoranthene	12.798	202	897587	39.035	ng	99
77) Benzidine	12.916	184	180013	55.125	ng	97
78) Pyrene	13.027	202	887331	40.601	ng	100
80) Butylbenzylphthalate	13.633	149	272419	41.326	ng	97
81) Benzo(a)anthracene	14.215	228	623922	39.468	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	181988	41.540	ng	100
83) Chrysene	14.257	228	592889	39.215	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	328736	39.671	ng	98
85) Di-n-octyl phthalate	14.815	149	444673	39.722	ng	100
87) Indeno(1,2,3-cd)pyrene	17.415	276	639471	41.321	ng	99
88) Benzo(b)fluoranthene	15.315	252	530081	38.007	ng	99
89) Benzo(k)fluoranthene	15.351	252	509931	37.217	ng	100
90) Benzo(a)pyrene	15.721	252	467521	39.256	ng	99
91) Dibenzo(a,h)anthracene	17.433	278	525673	41.112	ng	99
92) Benzo(g,h,i)perylene	17.909	276	545506	40.612	ng	97

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



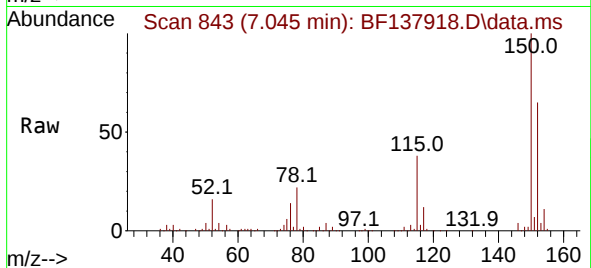
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

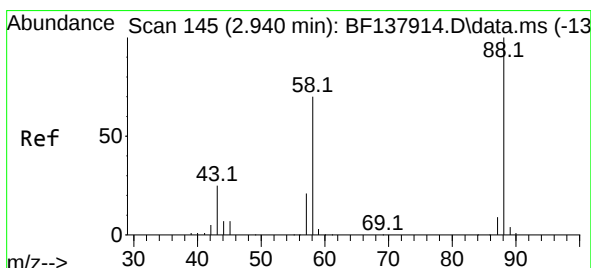
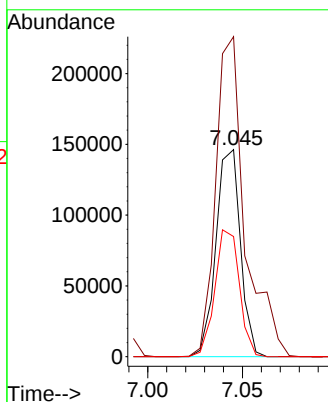
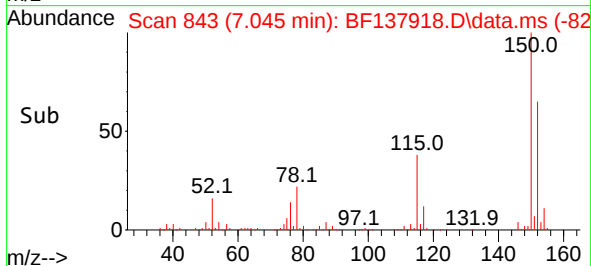


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Ion Ratio Lower Upper
152 100
150 154.6 125.7 188.5
115 58.0 47.0 70.6

Manual Integrations

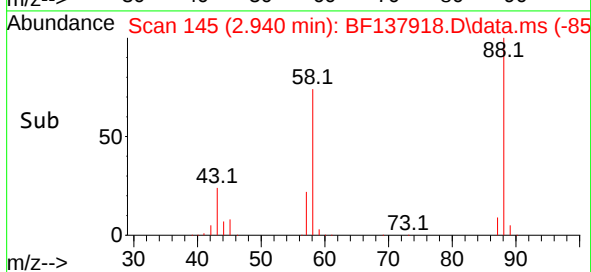
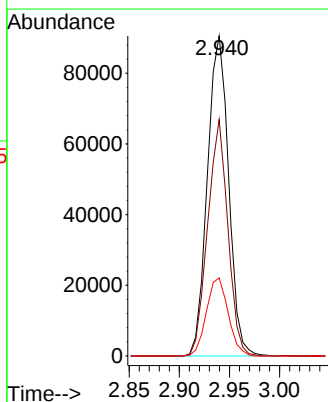
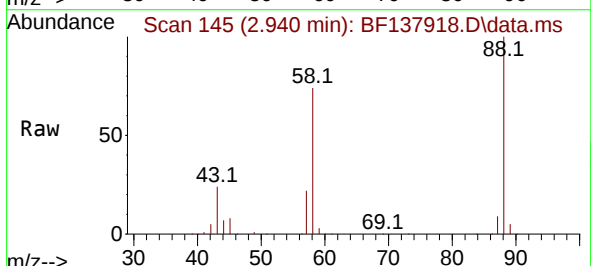
APPROVED

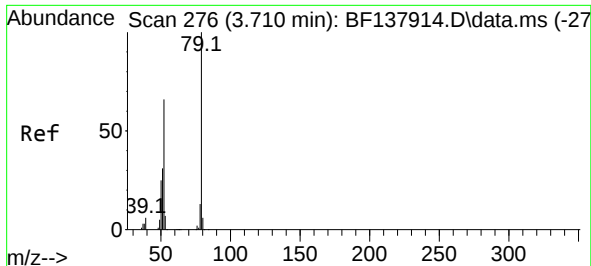
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#2
1,4-Dioxane
Concen: 39.622 ng
RT: 2.940 min Scan# 145
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

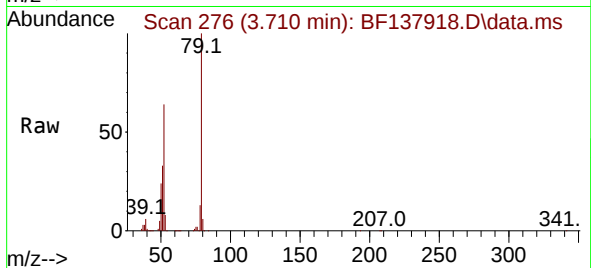
Tgt Ion: 88 Resp: 133091
Ion Ratio Lower Upper
88 100
58 70.1 54.4 81.6
43 25.0 19.6 29.4





#3
Pyridine
Concen: 41.821 ng
RT: 3.710 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

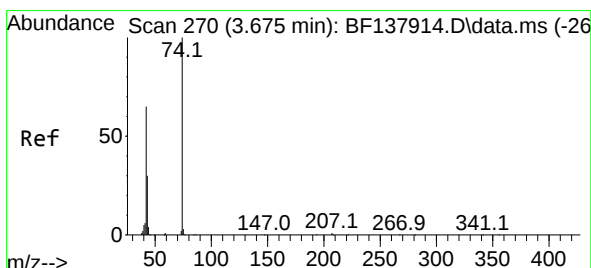
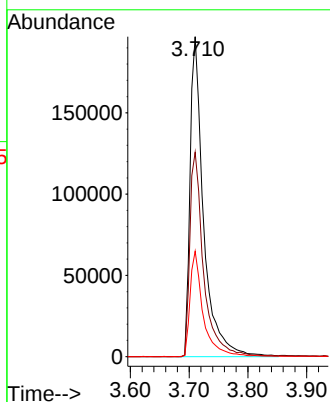
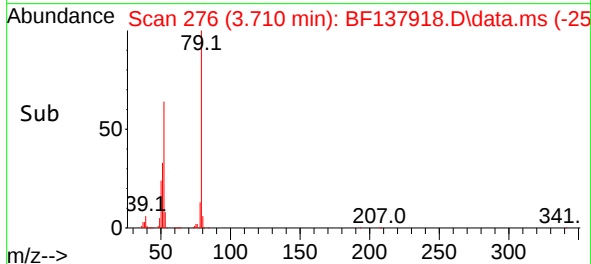
Instrument :
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ClientSampleId :
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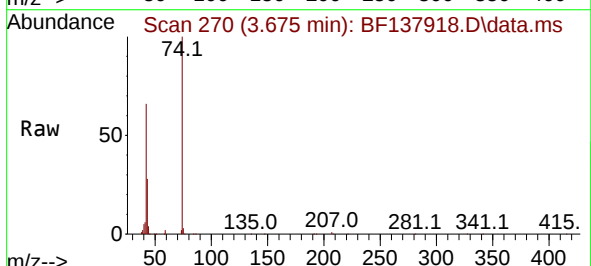
Tgt Ion: 79 Resp: 315198
Ion Ratio Lower Upper
79 100
52 63.9 52.5 78.7
51 32.9 25.1 37.7

Manual Integrations
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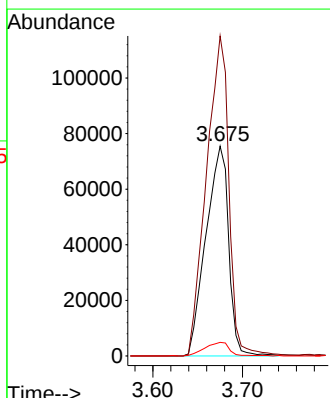
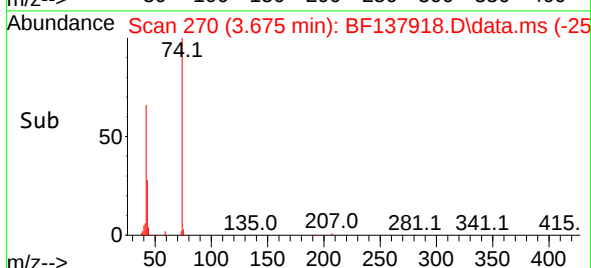
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Supervised By :mohammad ahmed 05/17/2024

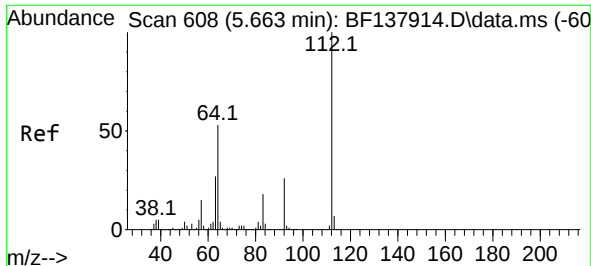


#4
n-Nitrosodimethylamine
Concen: 39.902 ng
RT: 3.675 min Scan# 270
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion: 42 Resp: 132668
Ion Ratio Lower Upper
42 100
74 152.6 123.1 184.7
44 6.5 5.0 7.6





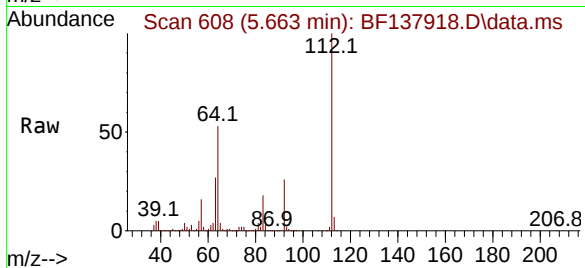
#5
2-Fluorophenol
Concen: 79.045 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

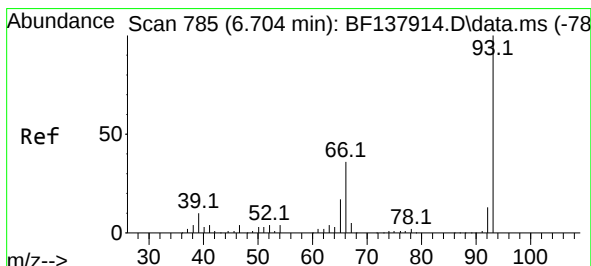
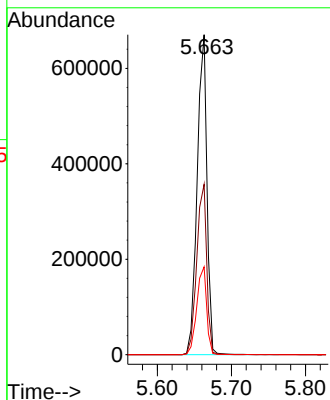
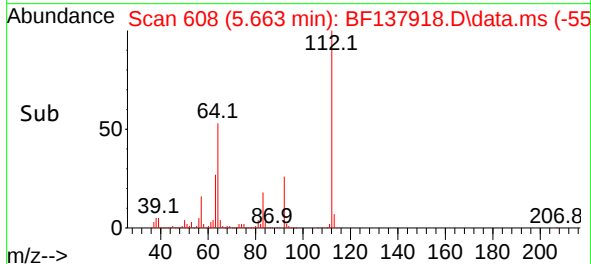


Tgt Ion:112 Resp: 612894
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 27.4 21.4 32.2

Manual Integrations

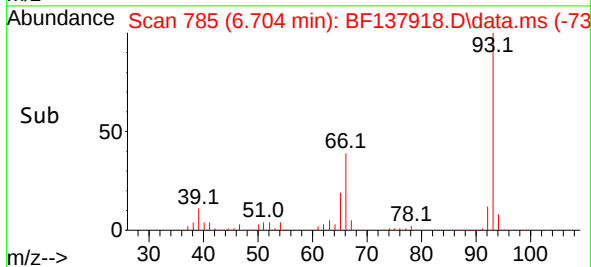
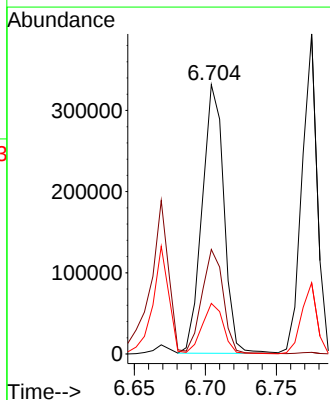
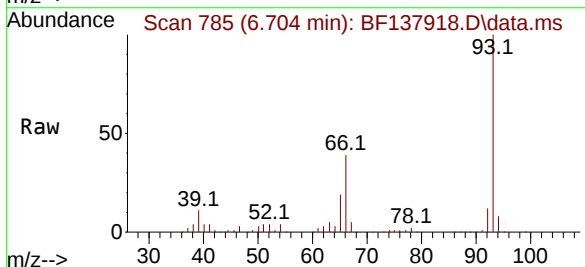
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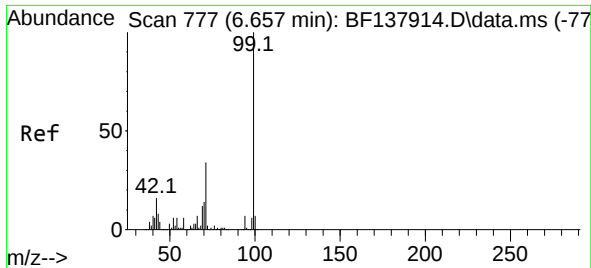
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#6
Aniline
Concen: 41.219 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

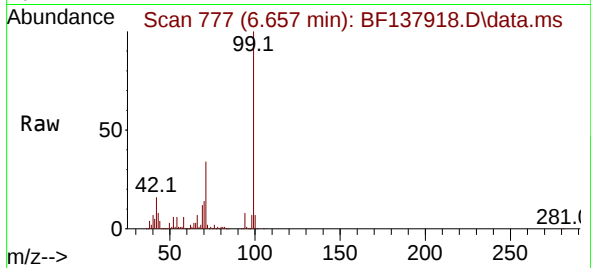
Tgt Ion: 93 Resp: 352135
Ion Ratio Lower Upper
93 100
66 38.8 30.7 46.1
65 18.8 15.0 22.4





#7
Phenol-d6
Concen: 77.431 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

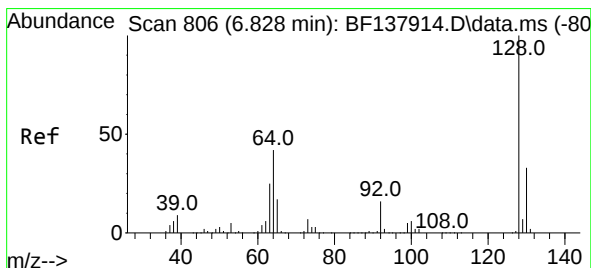
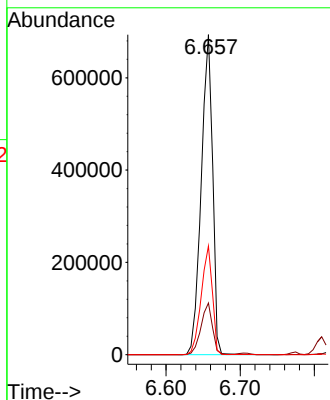
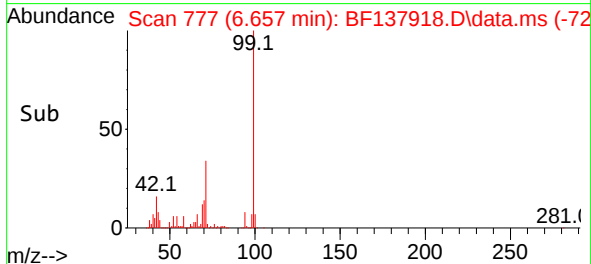
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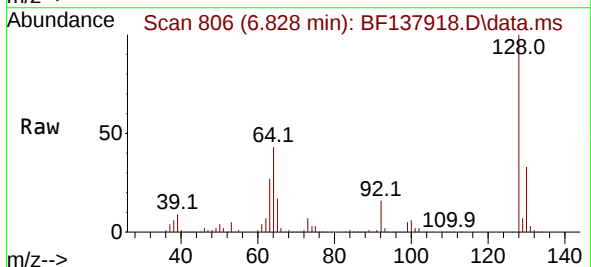
Tgt Ion: 99 Resp: 739572
Ion Ratio Lower Upper
99 100
42 16.1 12.6 18.8
71 33.9 27.1 40.7

Manual Integrations
APPROVED

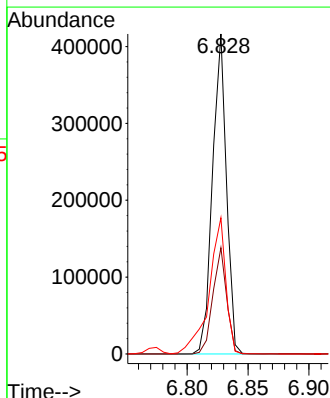
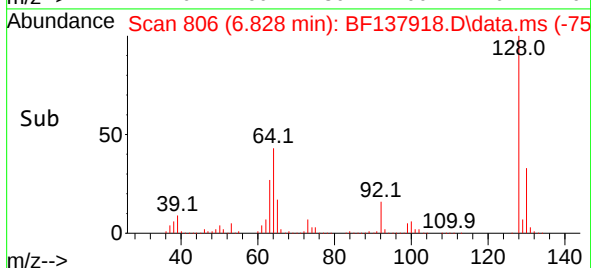
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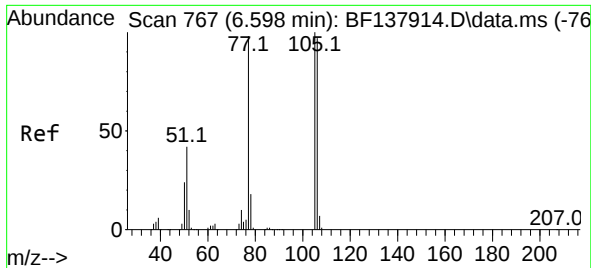


#8
2-Chlorophenol
Concen: 39.444 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:128 Resp: 330975
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 42.5 22.2 62.2





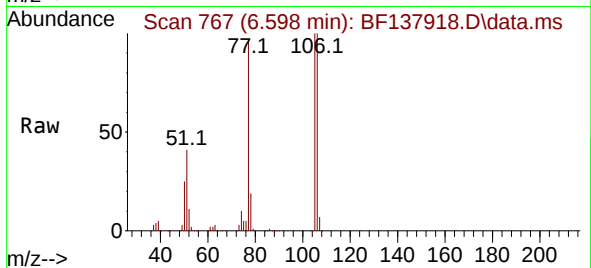
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Benzaldehyde
Concen: 39.598 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

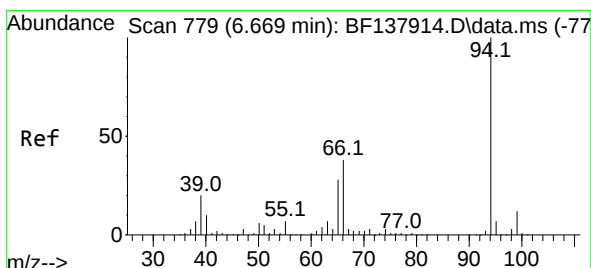
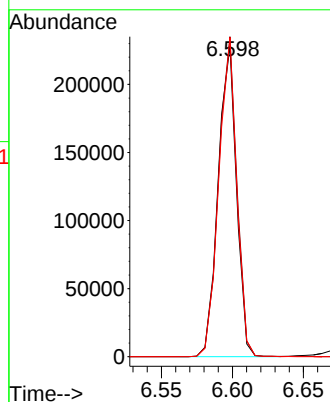
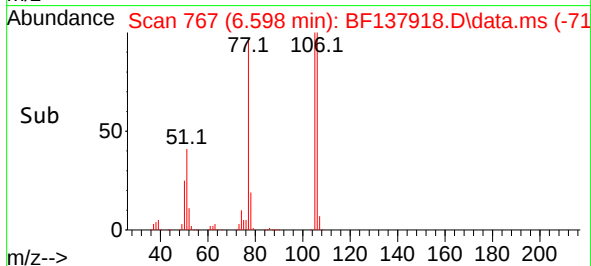


Tgt Ion: 77 Resp: 204624
Ion Ratio Lower Upper
77 100
105 103.0 82.3 122.3
106 102.8 79.2 119.2

Manual Integrations

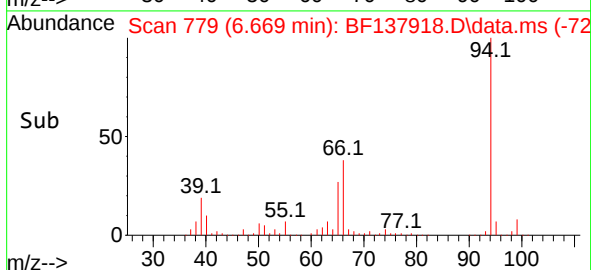
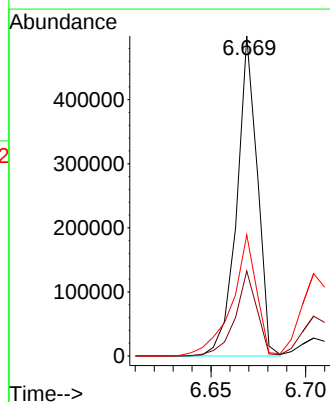
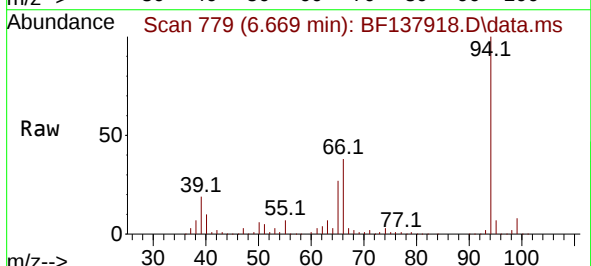
APPROVED

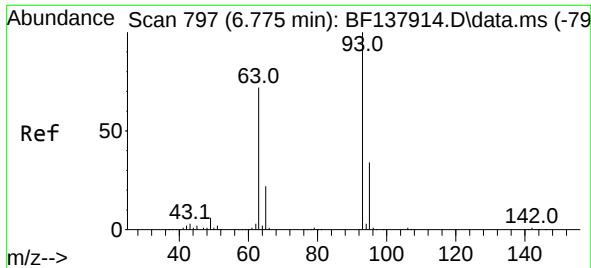
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#10
Phenol
Concen: 38.853 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion: 94 Resp: 374571
Ion Ratio Lower Upper
94 100
65 26.6 7.8 47.8
66 37.8 18.6 58.6





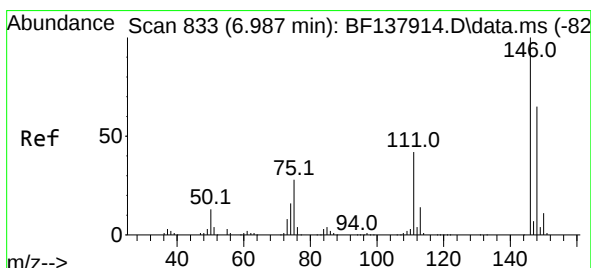
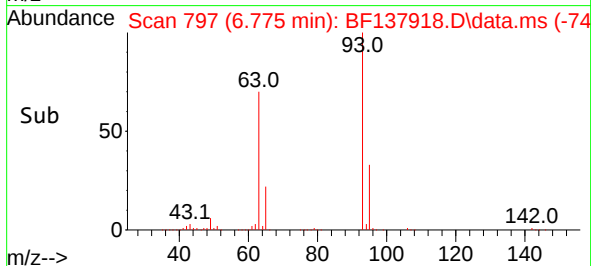
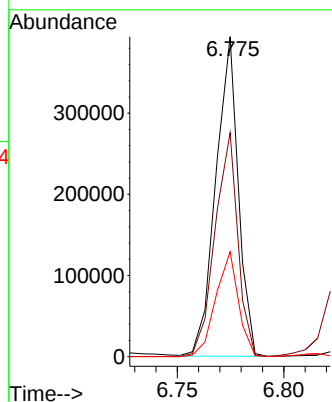
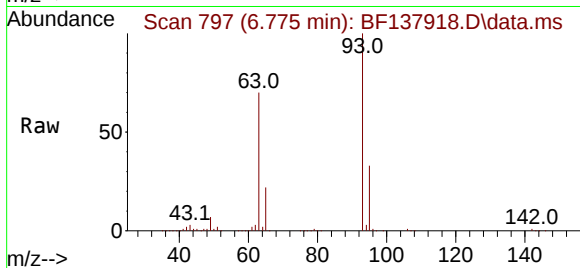
#11
bis(2-Chloroethyl)ether
Concen: 39.123 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :
BNA_F
ClientSampleId :
ICVBF051424

Tgt Ion: 93 Resp: 28960
Ion Ratio Lower Upper
93 100
63 70.0 51.4 91.4
95 32.8 13.5 53.5

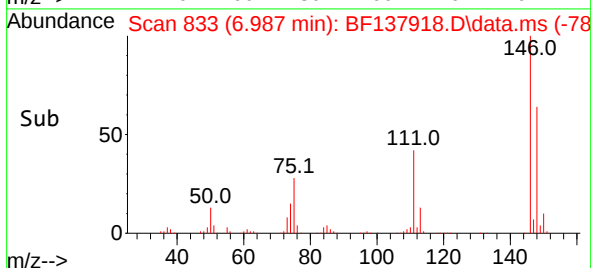
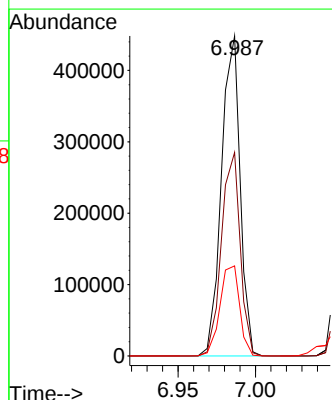
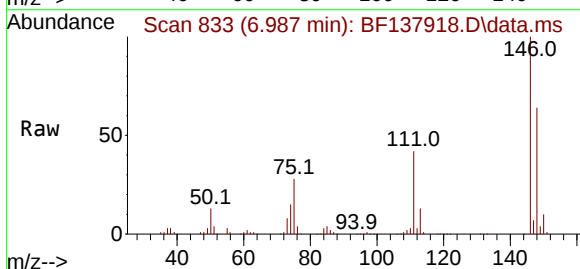
Manual Integrations
APPROVED

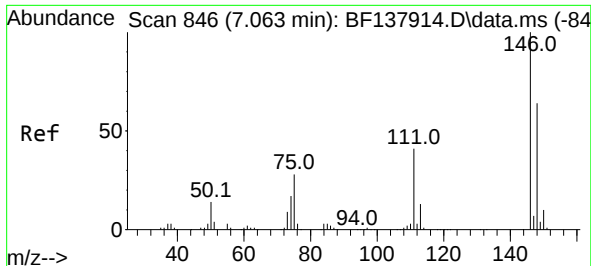
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#12
1,3-Dichlorobenzene
Concen: 38.677 ng
RT: 6.987 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:146 Resp: 375499
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
75 28.2 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 38.886 ng

RT: 7.063 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

Tgt Ion:146 Resp: 37894

Ion Ratio Lower Upper

146 100

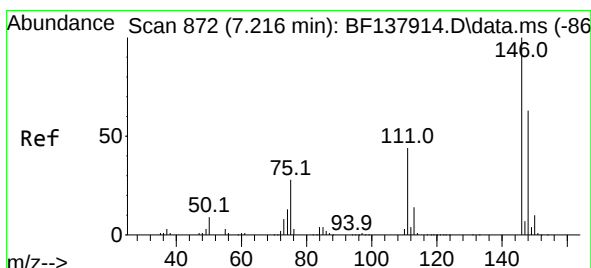
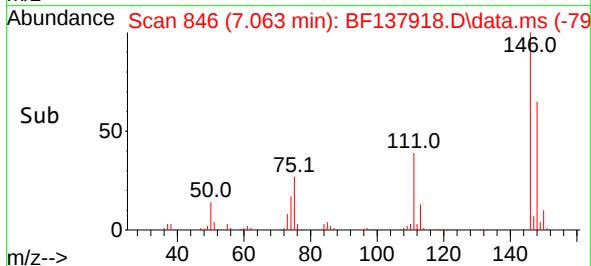
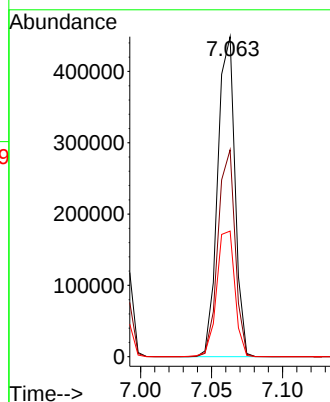
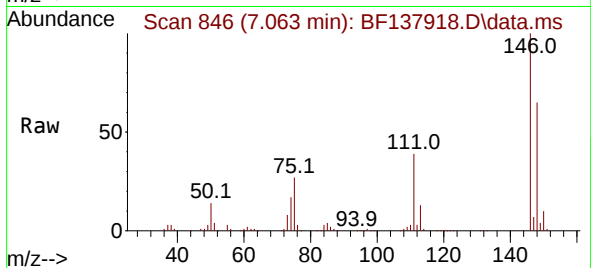
148 64.6 51.0 76.6

111 39.3 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#14

1,2-Dichlorobenzene

Concen: 38.676 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

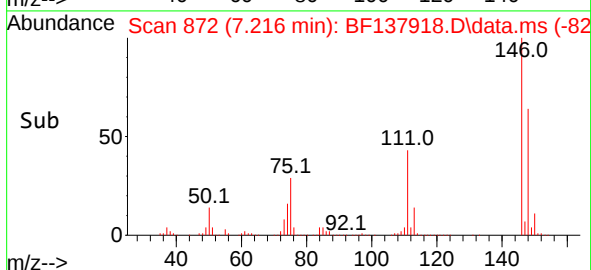
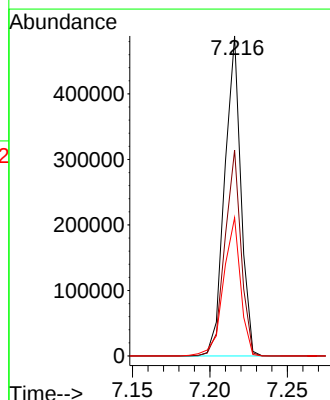
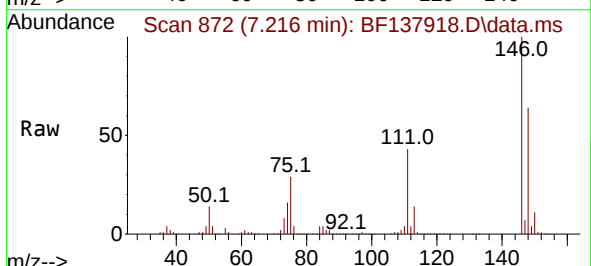
Tgt Ion:146 Resp: 354725

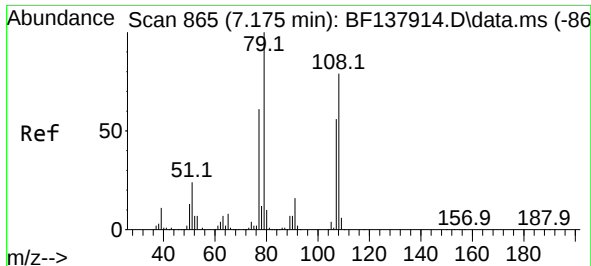
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.4

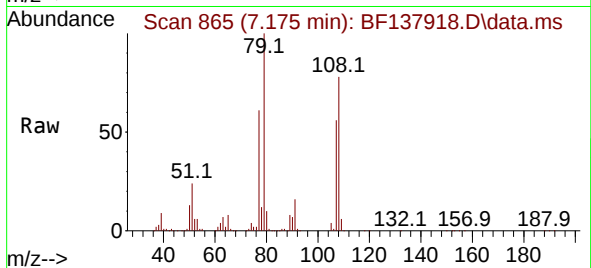
111 43.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.288 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

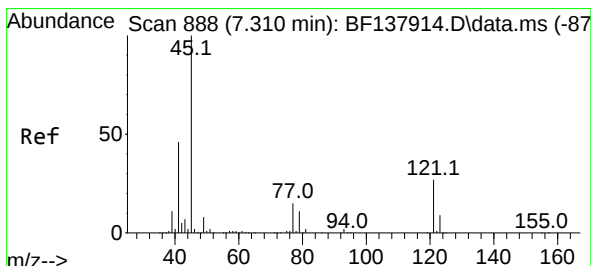
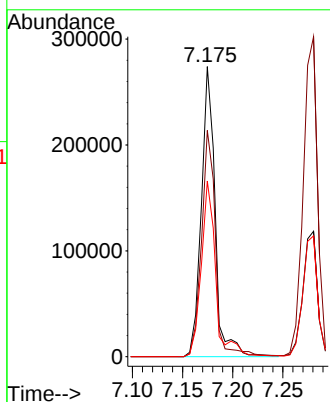
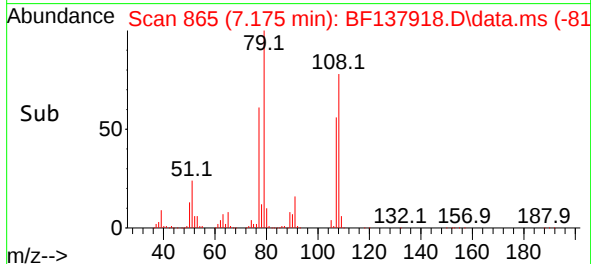
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



Tgt Ion: 79 Resp: 263329
Ion Ratio Lower Upper
79 100
108 78.0 62.8 94.2
77 60.6 48.7 73.1

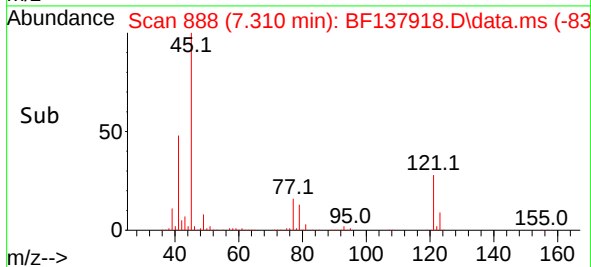
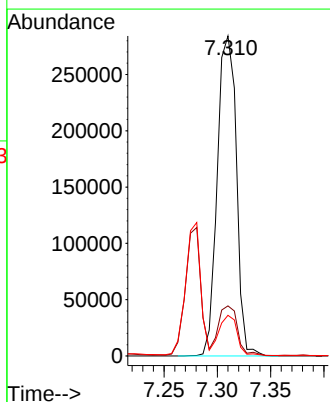
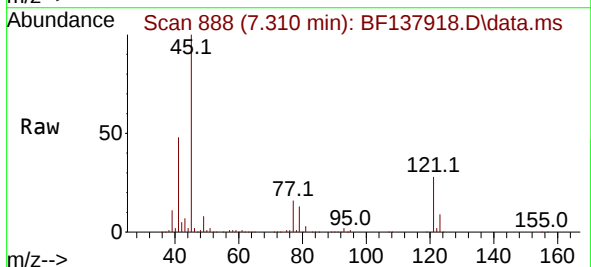
Manual Integrations
APPROVED

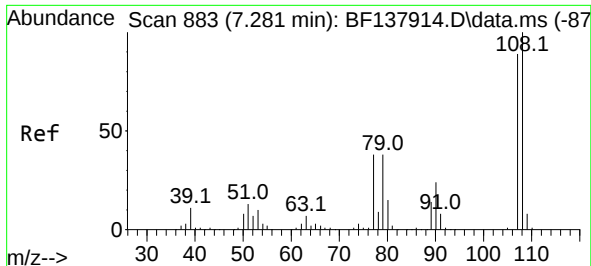
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.851 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion: 45 Resp: 353510
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.3
79 12.7 0.0 32.1





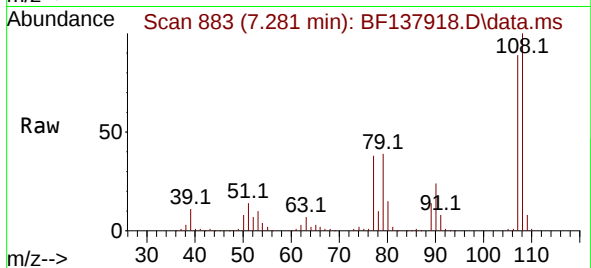
#17
2-Methylphenol
Concen: 39.113 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

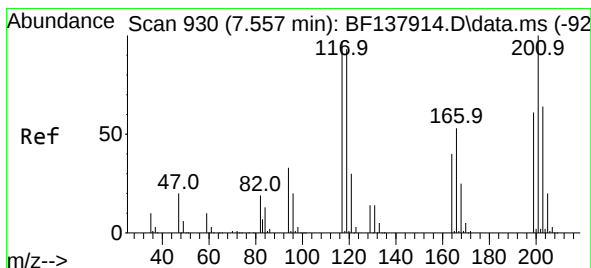
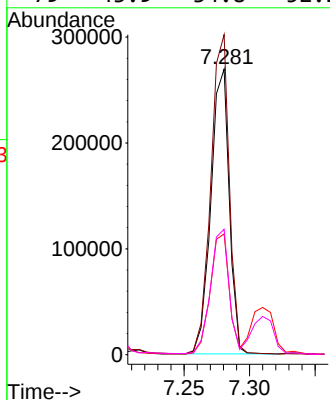
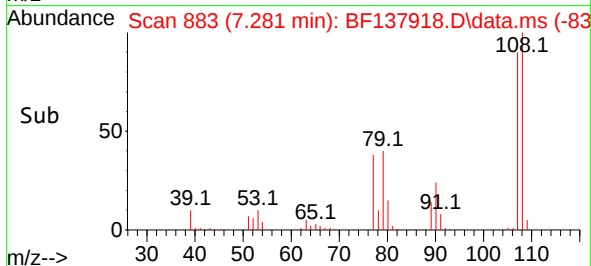


Tgt Ion:107 Resp: 261735
Ion Ratio Lower Upper
107 100
108 112.0 90.1 135.1
77 42.3 34.3 51.5
79 43.9 34.8 52.2

Manual Integrations

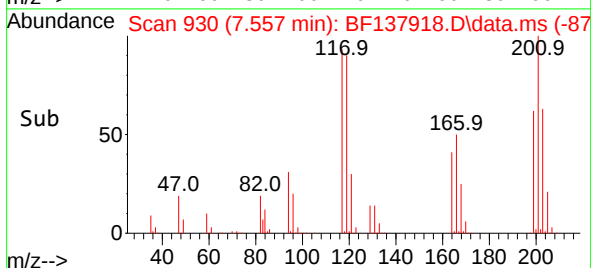
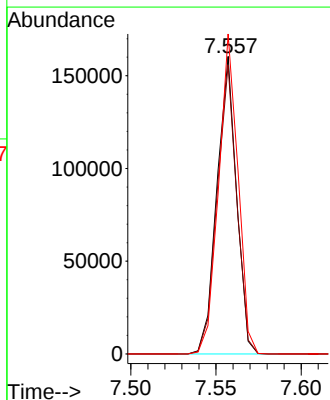
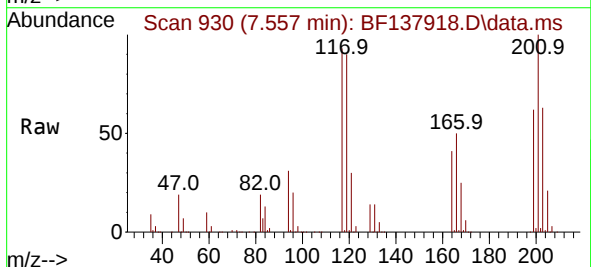
APPROVED

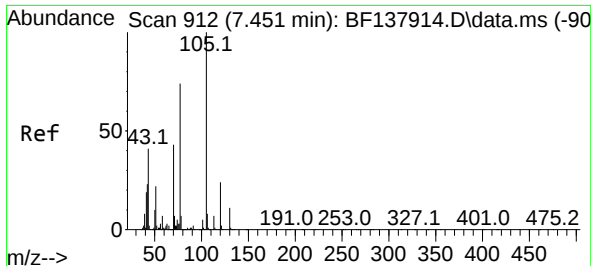
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#18
Hexachloroethane
Concen: 38.869 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:117 Resp: 128175
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 107.5 82.7 124.1





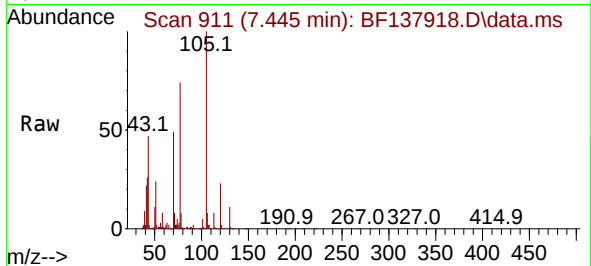
#19
n-Nitroso-di-n-propylamine
Concen: 38.877 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

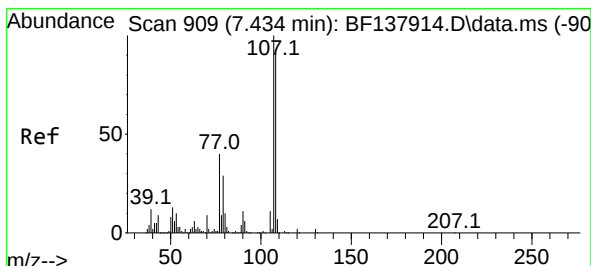
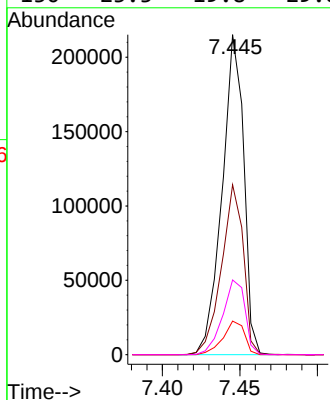
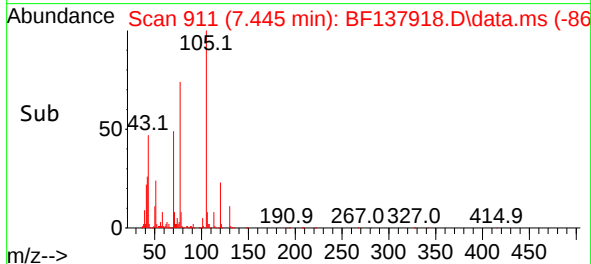


Tgt Ion: 70 Resp: 208619
Ion Ratio Lower Upper
70 100
42 53.1 42.2 63.4
101 10.5 8.8 13.2
130 23.3 19.8 29.8

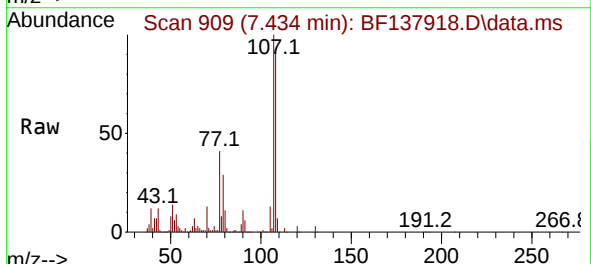
Manual Integrations

APPROVED

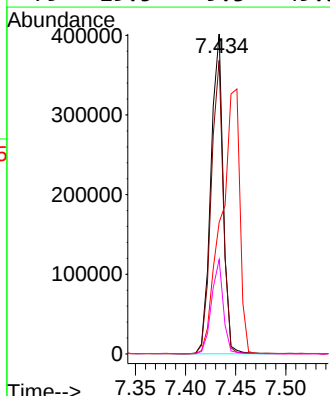
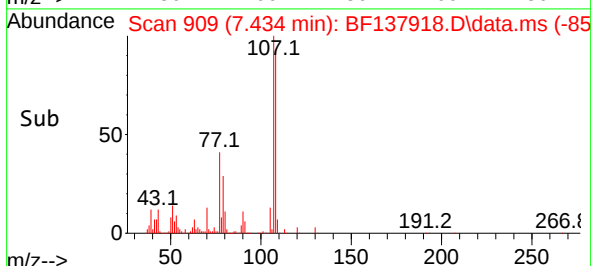
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

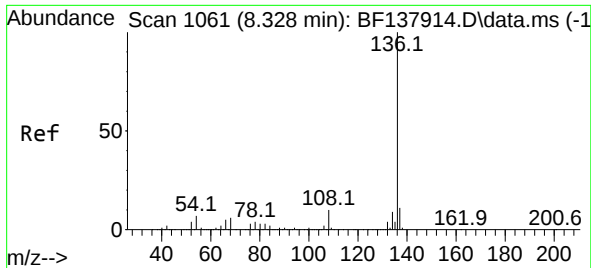


#20
3+4-Methylphenols
Concen: 39.055 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:107 Resp: 342382
Ion Ratio Lower Upper
107 100
108 91.7 70.8 110.8
77 41.2 20.2 60.2
79 29.5 9.3 49.3





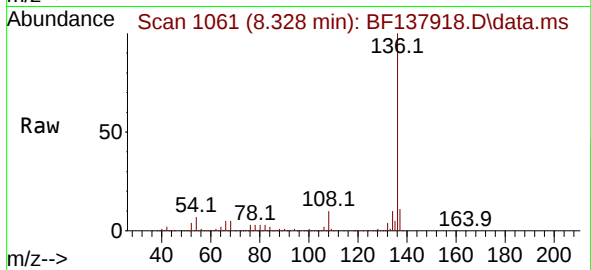
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

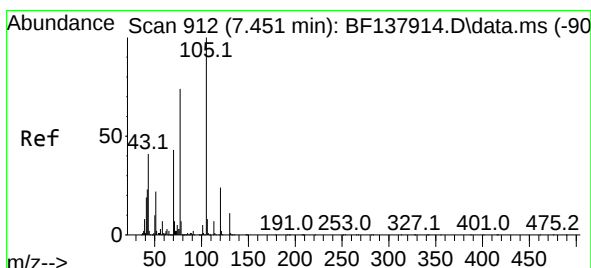
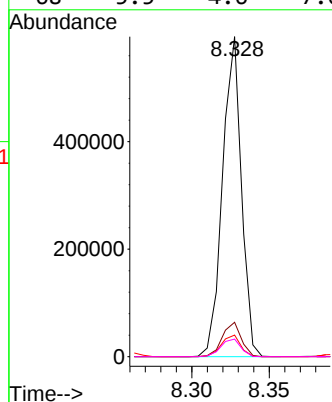
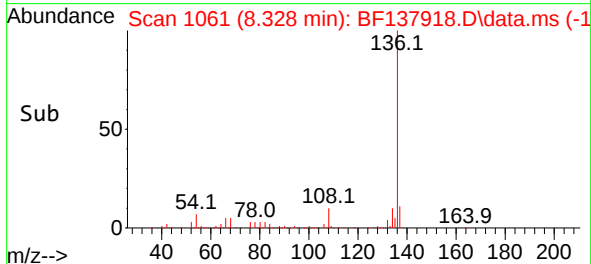


Tgt Ion:136 Resp: 503749
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.7 5.4 8.2
68 5.5 4.6 7.0

Manual Integrations

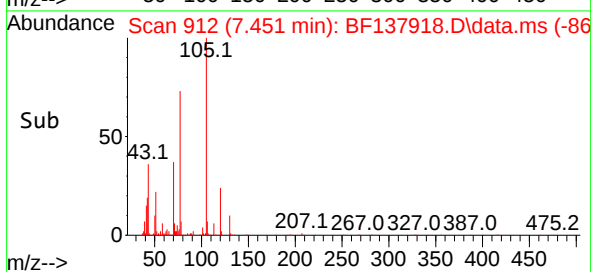
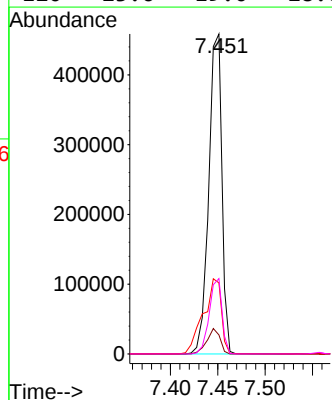
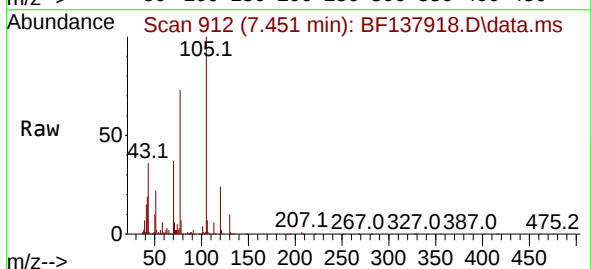
APPROVED

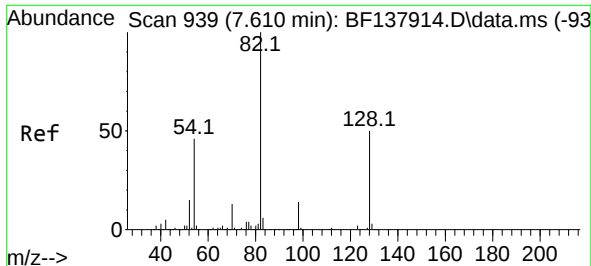
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#22
Acetophenone
Concen: 39.206 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:105 Resp: 442439
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 22.2 17.8 26.8
120 23.6 19.0 28.6





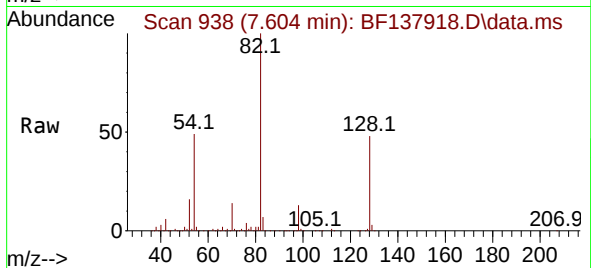
#23
Nitrobenzene-d5
Concen: 78.994 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

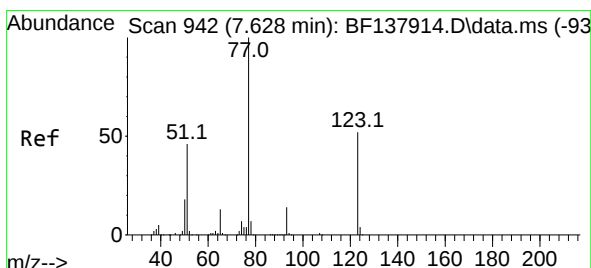
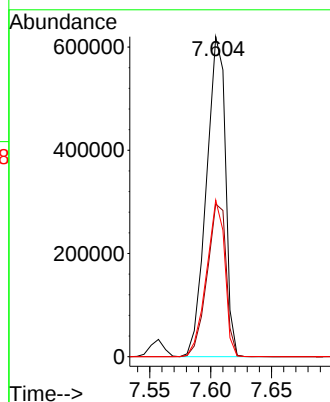
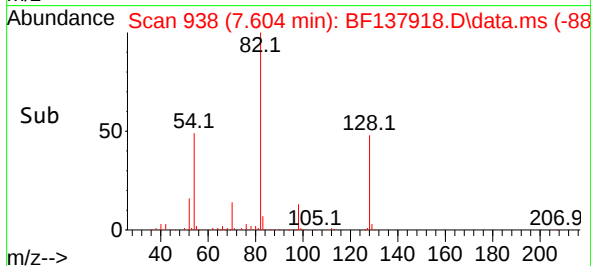


Tgt Ion: 82 Resp: 676170
Ion Ratio Lower Upper
82 100
128 47.7 40.3 60.5
54 49.0 36.8 55.2

Manual Integrations

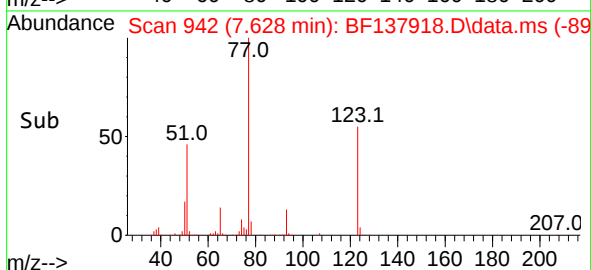
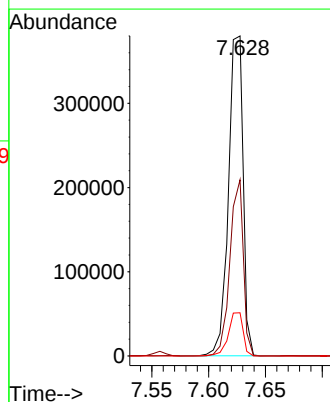
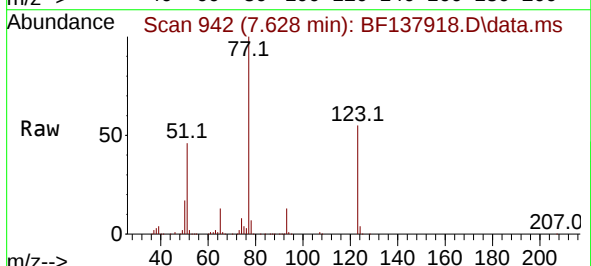
APPROVED

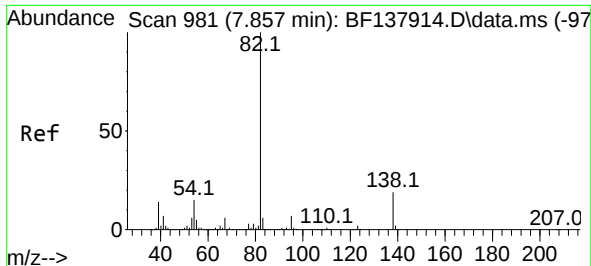
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#24
Nitrobenzene
Concen: 39.333 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion: 77 Resp: 341552
Ion Ratio Lower Upper
77 100
123 55.1 41.4 62.2
65 13.5 10.5 15.7





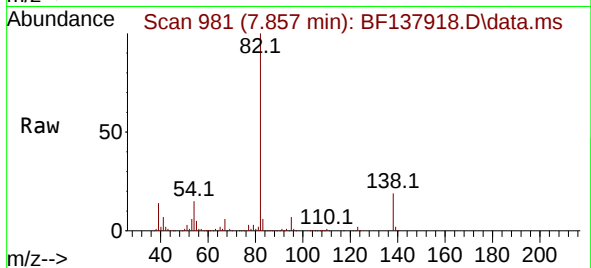
#25
Isophorone
Concen: 38.623 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

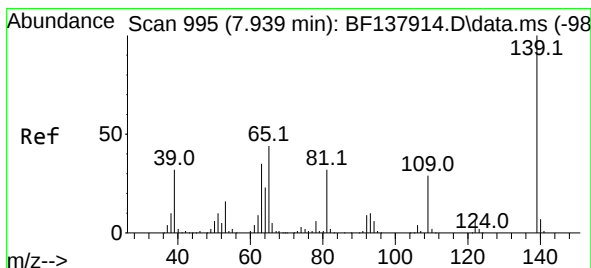
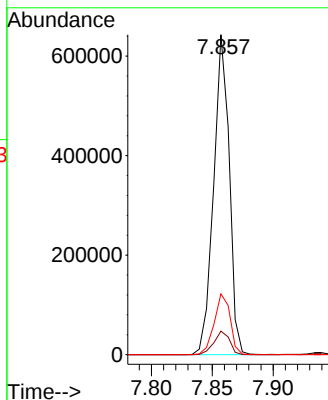
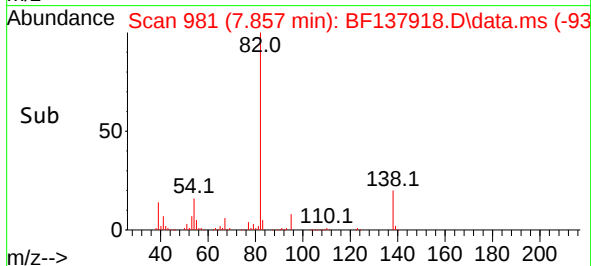


Tgt Ion: 82 Resp: 573794
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.0 15.0 22.4

Manual Integrations

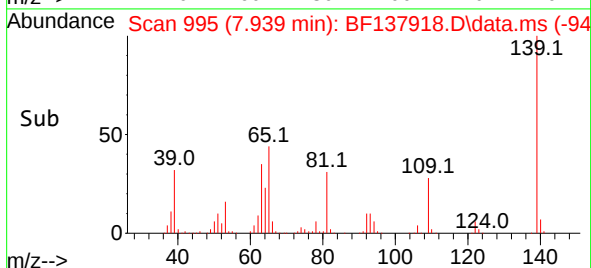
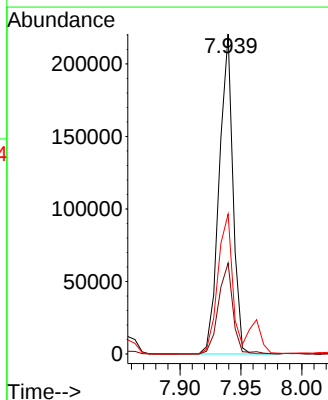
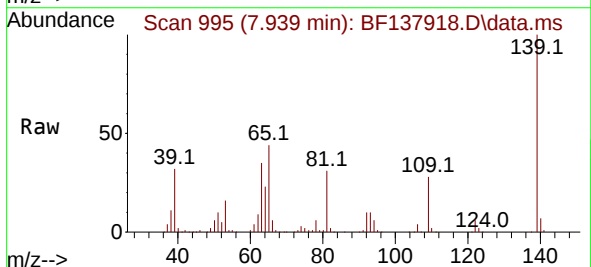
APPROVED

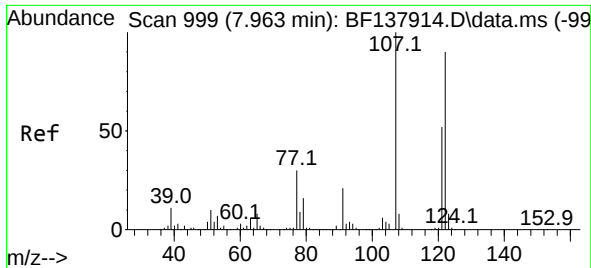
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#26
2-Nitrophenol
Concen: 39.806 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:139 Resp: 173684
Ion Ratio Lower Upper
139 100
109 28.4 22.8 34.2
65 43.7 35.2 52.8





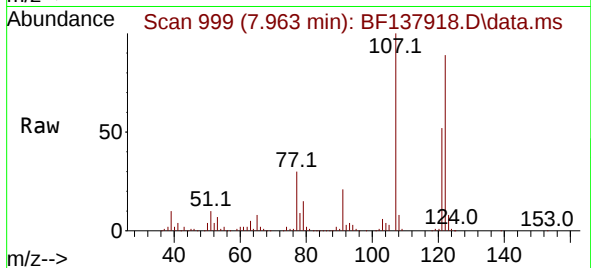
#27
2,4-Dimethylphenol
Concen: 38.790 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

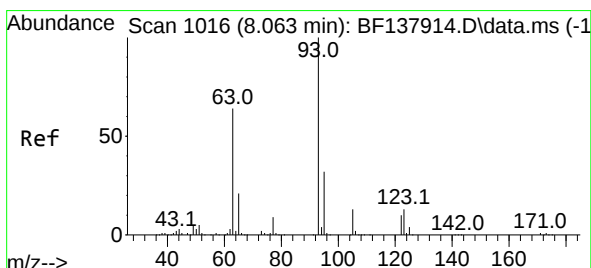
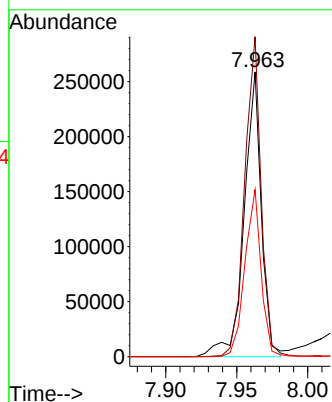
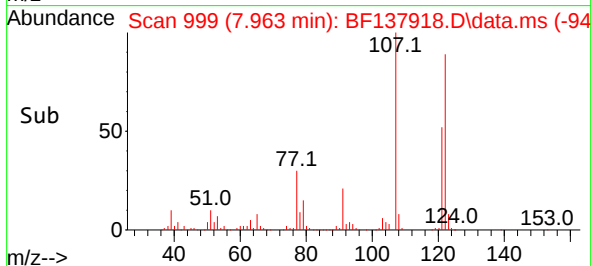


Tgt Ion:122 Resp: 21790
Ion Ratio Lower Upper
122 100
107 112.3 89.0 133.4
121 58.6 46.2 69.4

Manual Integrations

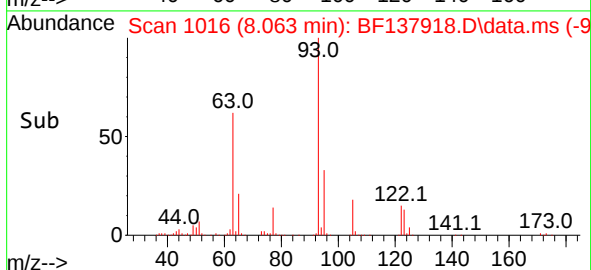
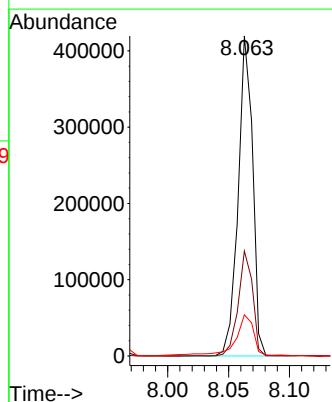
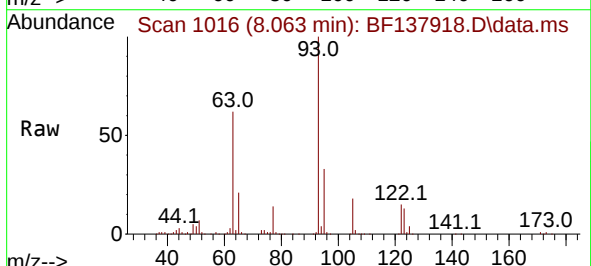
APPROVED

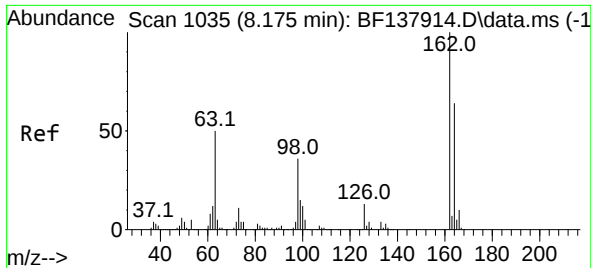
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.473 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion: 93 Resp: 346410
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.9 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 39.374 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

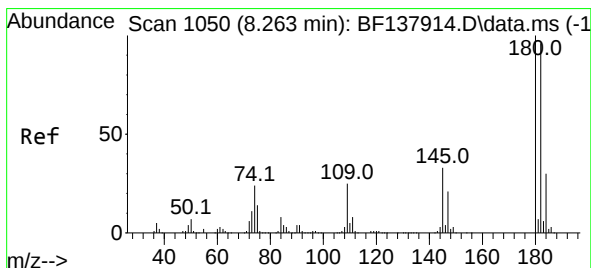
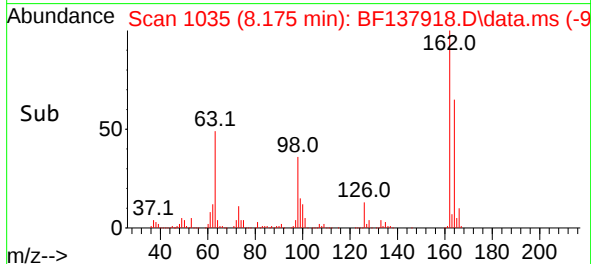
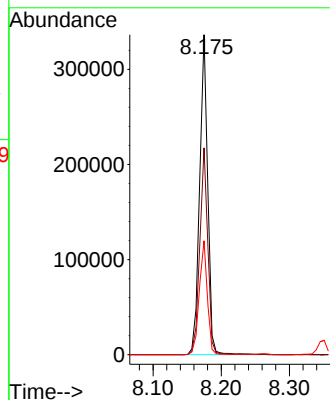
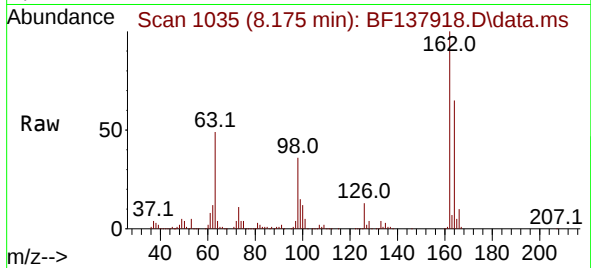
ICVBF051424

Tgt Ion:162 Resp: 278139
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.3 84.3
 98 35.6 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.615 ng

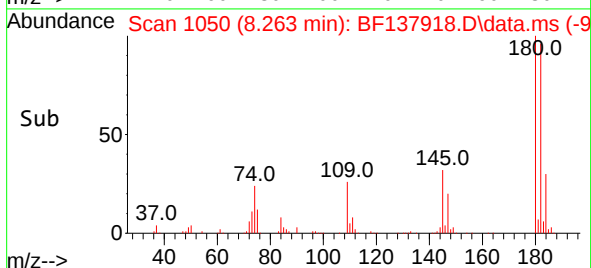
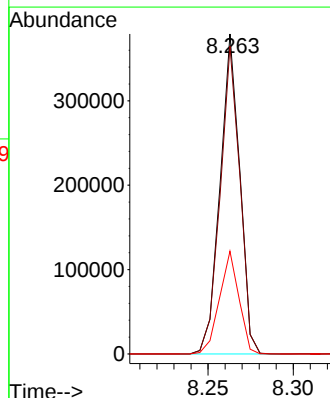
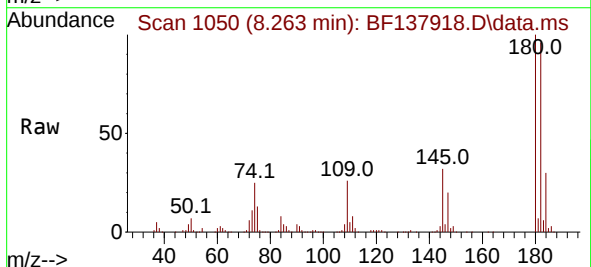
RT: 8.263 min Scan# 1050

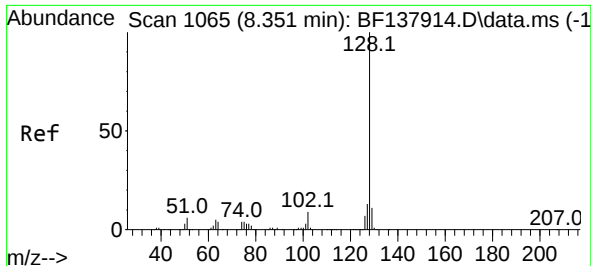
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Tgt Ion:180 Resp: 304568
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 145 32.1 26.2 39.2





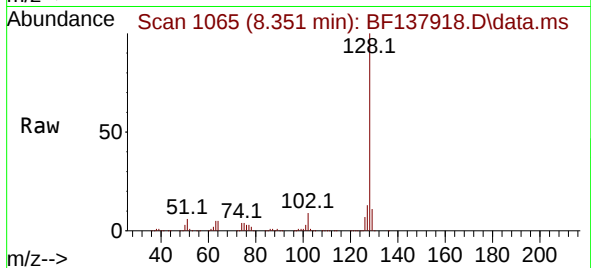
#31
Naphthalene
Concen: 38.582 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

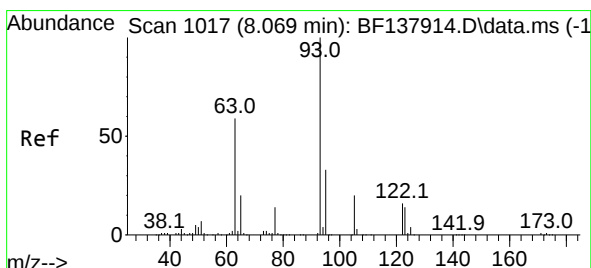
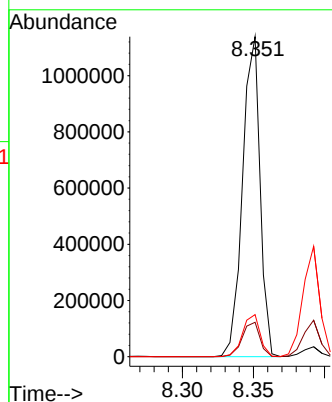
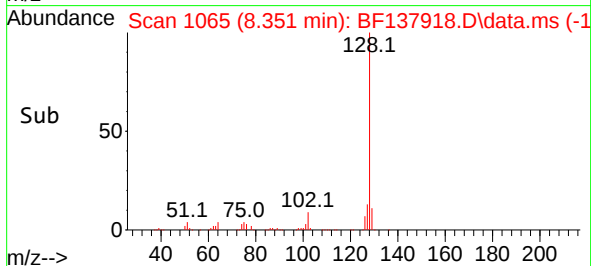


Tgt Ion:128 Resp: 977219
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.6 16.0

Manual Integrations

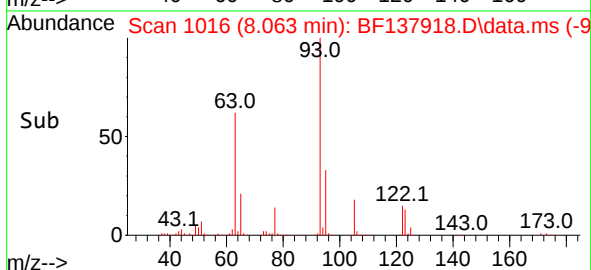
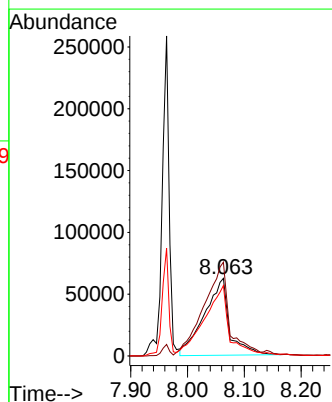
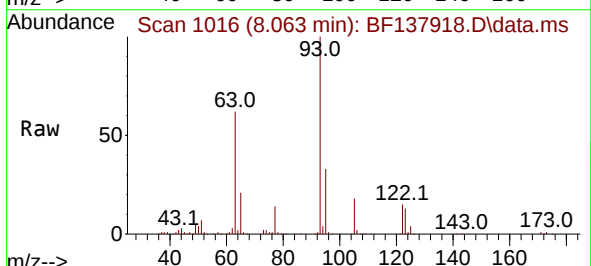
APPROVED

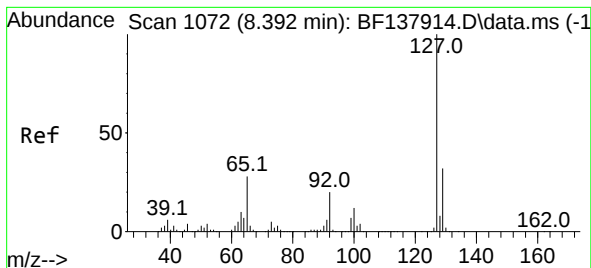
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#32
Benzoic acid
Concen: 39.906 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:122 Resp: 189502
Ion Ratio Lower Upper
122 100
105 120.8 103.8 143.8
77 90.7 68.4 108.4





#33

4-Chloroaniline

Concen: 39.843 ng

RT: 8.392 min Scan# 1072

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

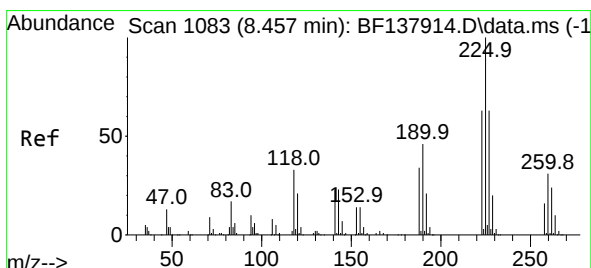
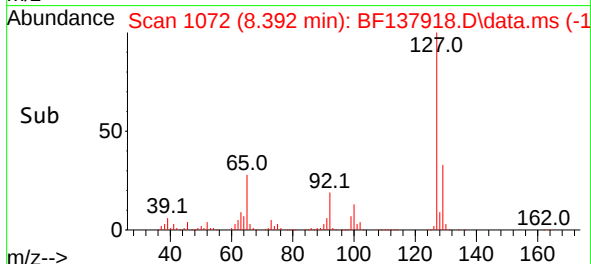
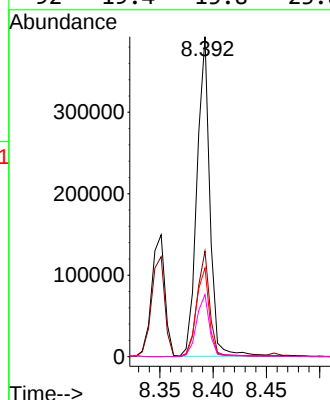
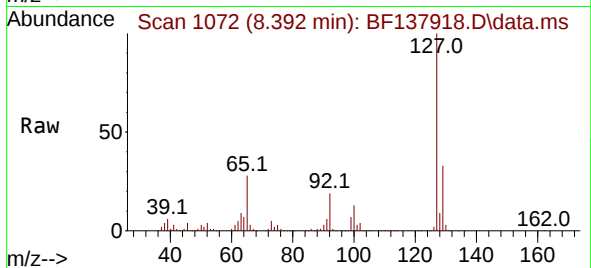
ICVBF051424

Tgt Ion:	127	Resp:	330824
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.4	38.2
65	27.8	22.0	33.0
92	19.4	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#34

Hexachlorobutadiene

Concen: 38.549 ng

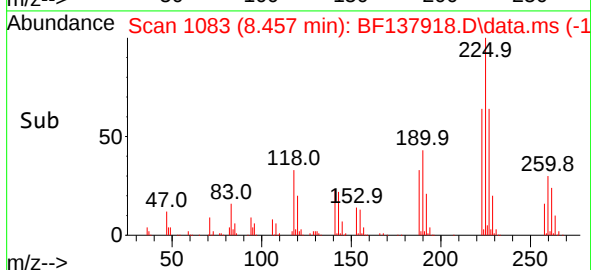
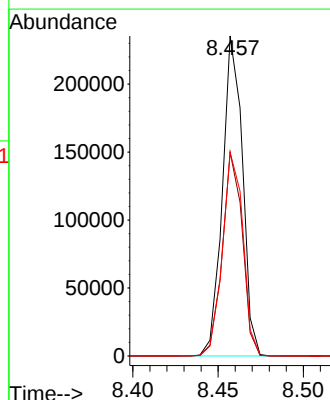
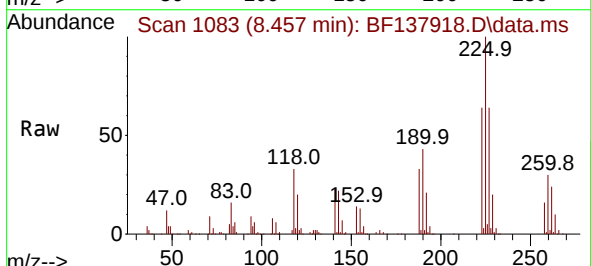
RT: 8.457 min Scan# 1083

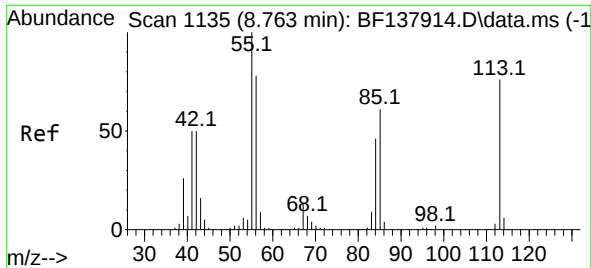
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

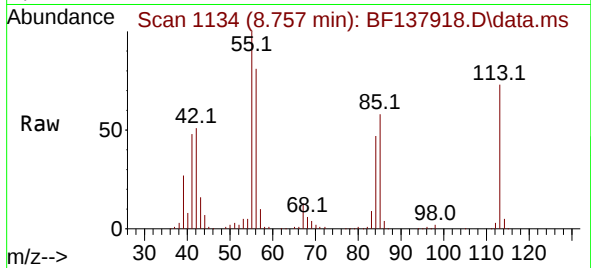
Tgt Ion:	225	Resp:	192447
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.0	75.0
227	63.6	50.2	75.4





#35
Caprolactam
Concen: 39.897 ng m
RT: 8.757 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

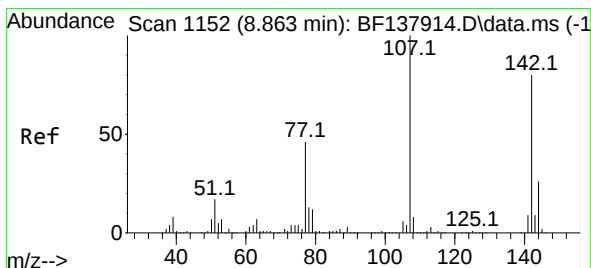
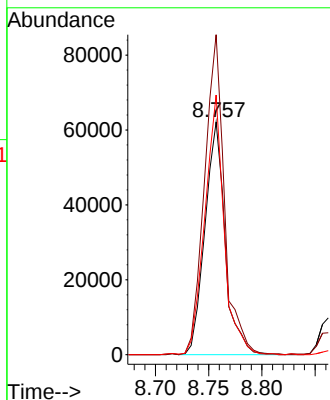
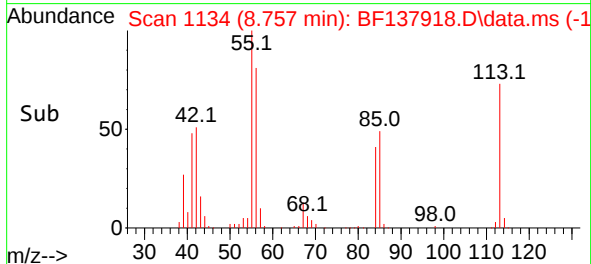
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



Tgt Ion:113 Resp: 8165
Ion Ratio Lower Upper
113 100
55 137.6 112.3 152.3
56 111.7 82.7 122.7

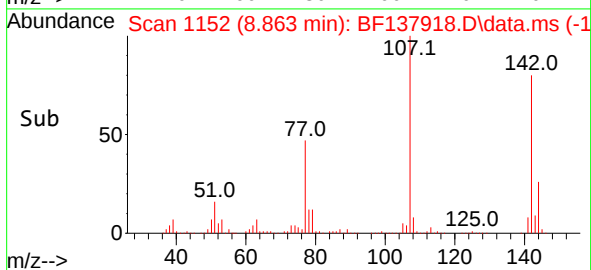
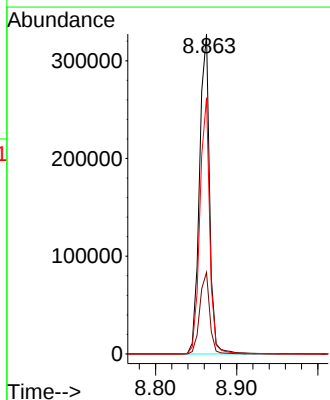
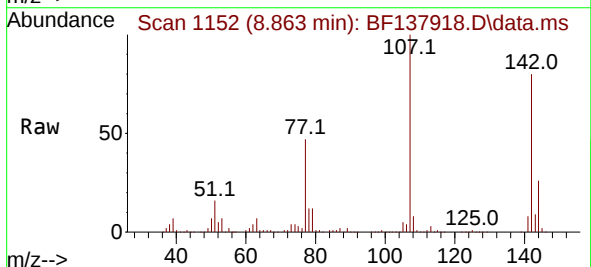
Manual Integrations
APPROVED

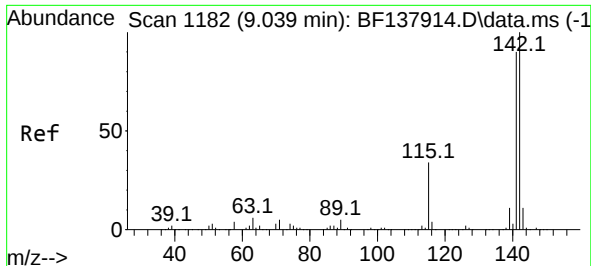
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#36
4-Chloro-3-methylphenol
Concen: 39.373 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:107 Resp: 282935
Ion Ratio Lower Upper
107 100
144 25.5 20.7 31.1
142 80.1 64.0 96.0





#37

2-Methylnaphthalene

Concen: 38.590 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF137918.D

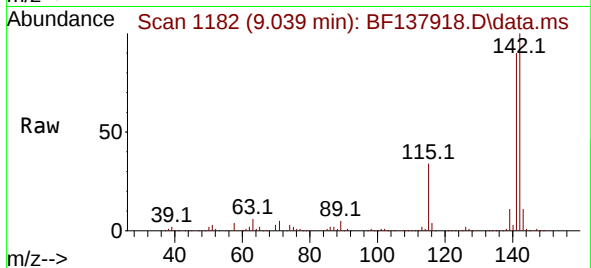
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424



Tgt Ion:142 Resp: 628280

Ion Ratio Lower Upper

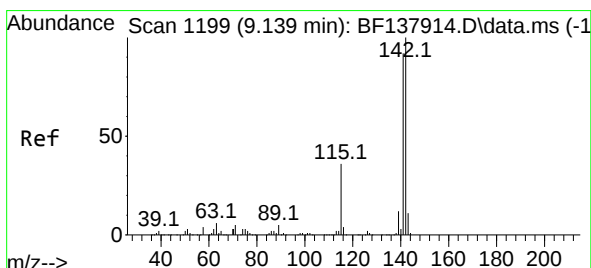
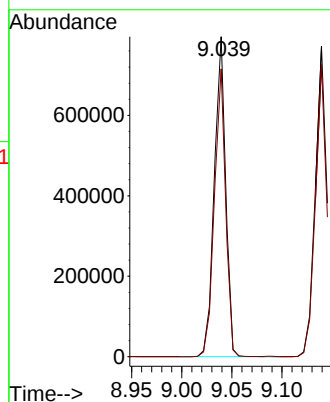
142 100

141 90.0 72.0 108.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#38

1-Methylnaphthalene

Concen: 37.918 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF137918.D

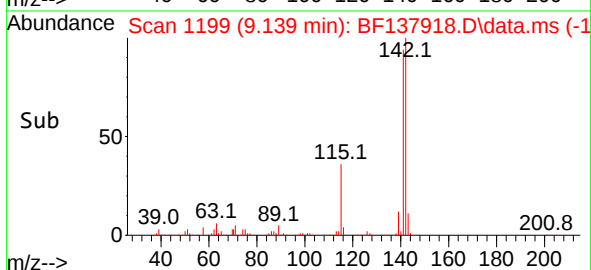
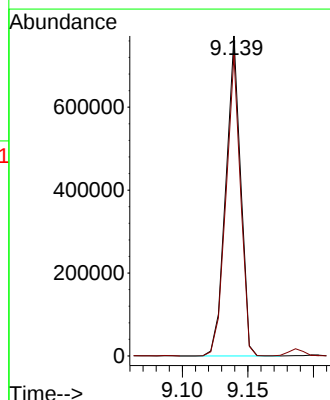
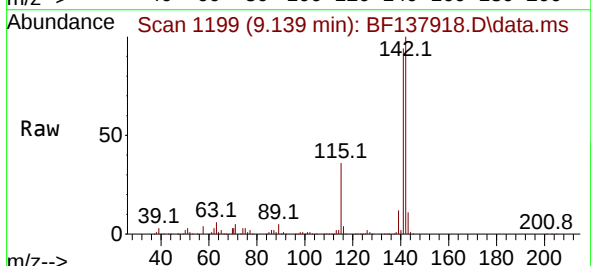
Acq: 14 May 2024 15:12

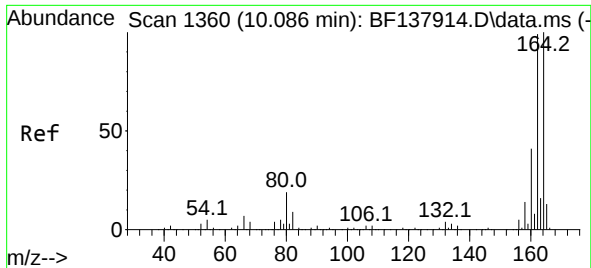
Tgt Ion:142 Resp: 606923

Ion Ratio Lower Upper

142 100

141 94.1 73.7 110.5





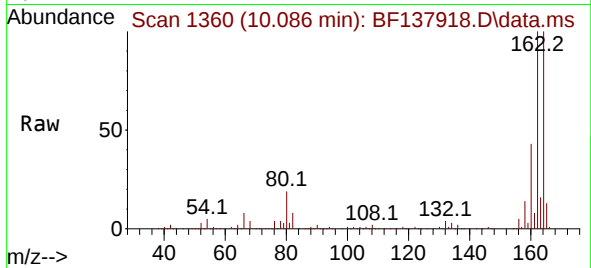
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

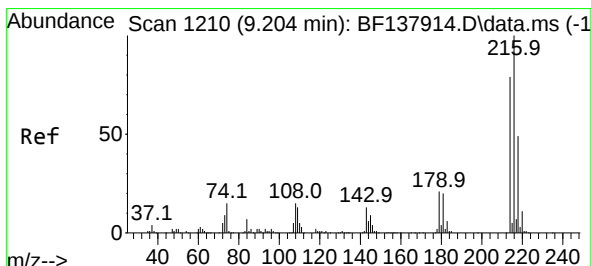
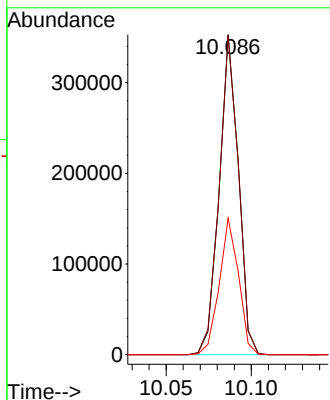
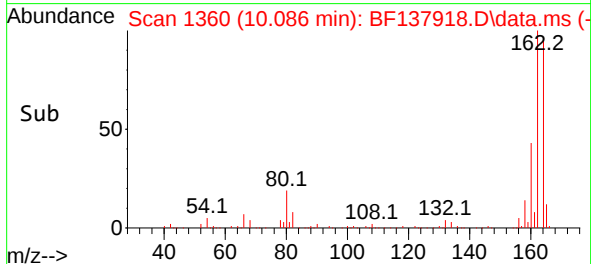


Tgt Ion:164 Resp: 27638
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 42.7 33.1 49.7

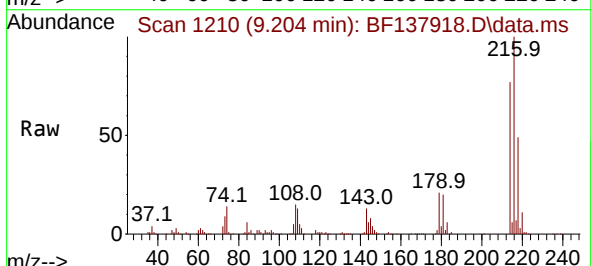
Manual Integrations

APPROVED

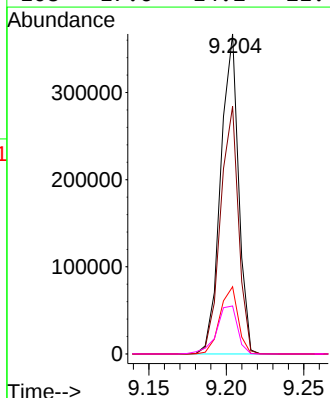
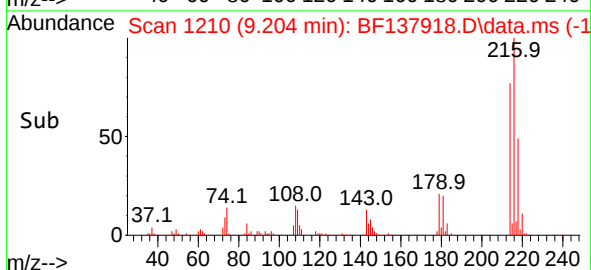
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

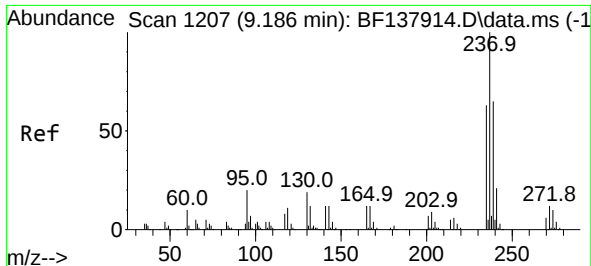


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.247 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



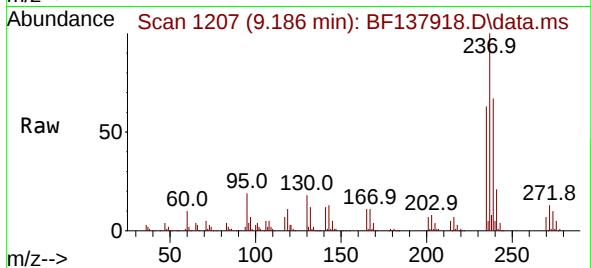
Tgt Ion:216 Resp: 294895
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.2
179 21.2 17.0 25.4
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 40.852 ng
RT: 9.186 min Scan# 11663
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

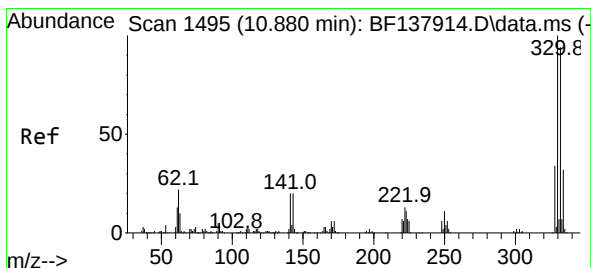
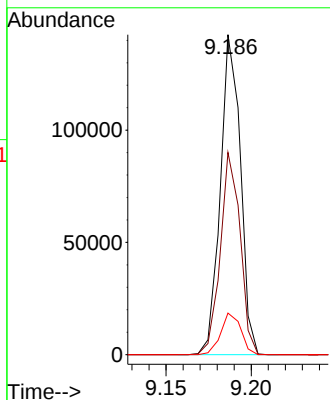
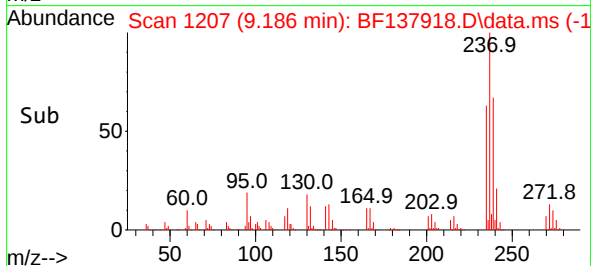
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



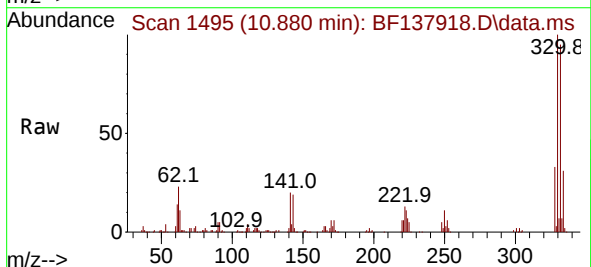
Tgt Ion: 237 Resp: 11663
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 13.0 0.0 32.0

Manual Integrations
APPROVED

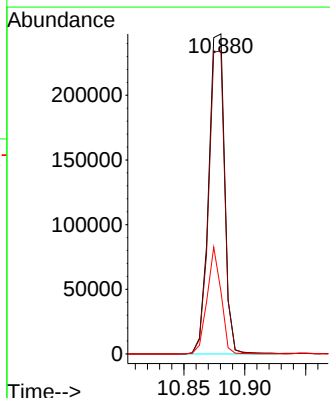
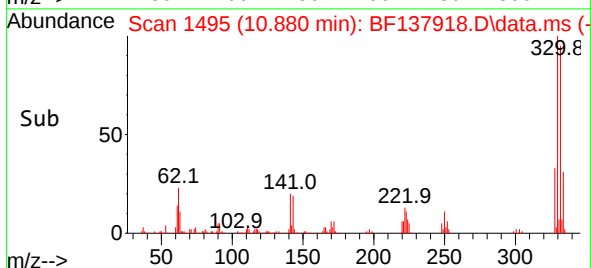
Reviewed By : Jagrut Upadhyay 05/15/2024
Supervised By : mohammad ahmed 05/17/2024

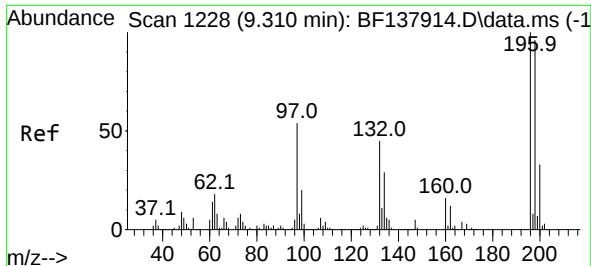


#42
2,4,6-Tribromophenol
Concen: 80.696 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion: 330 Resp: 224879
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.8
141 29.1 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 39.796 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137918.D

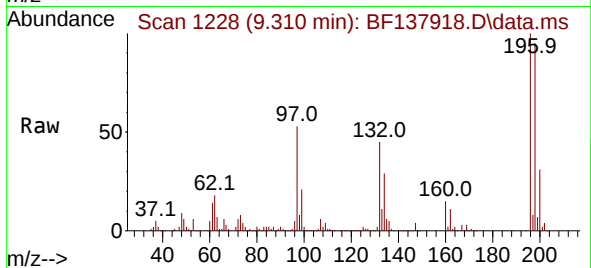
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424



Tgt Ion:196 Resp: 19605

Ion Ratio Lower Upper

196 100

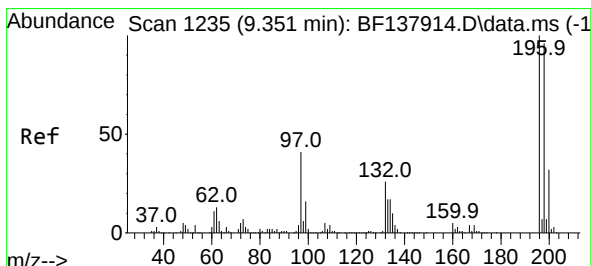
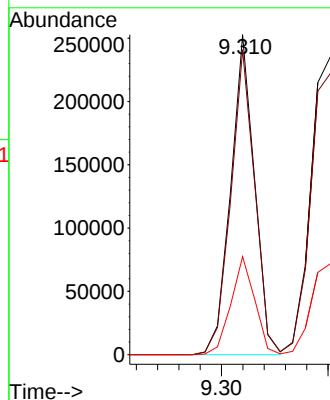
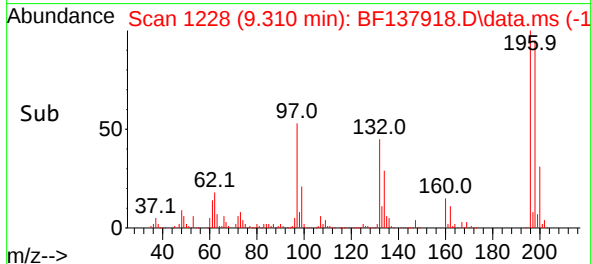
198 95.3 77.0 115.4

200 30.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#44

2,4,5-Trichlorophenol

Concen: 39.918 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Tgt Ion:196 Resp: 215178

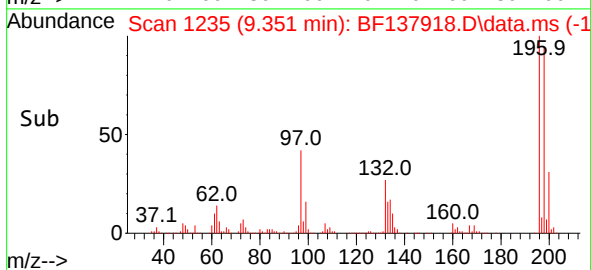
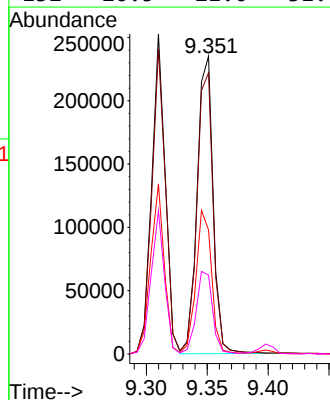
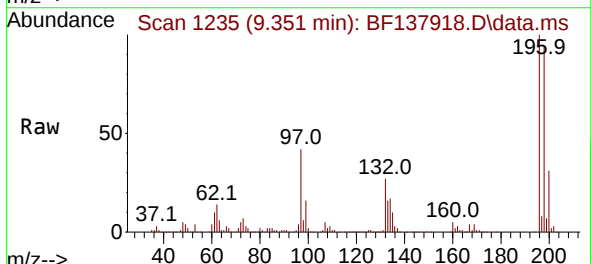
Ion Ratio Lower Upper

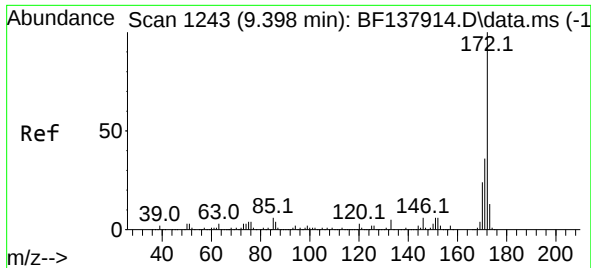
196 100

198 94.4 77.4 116.0

97 41.7 32.9 49.3

132 26.5 21.0 31.6





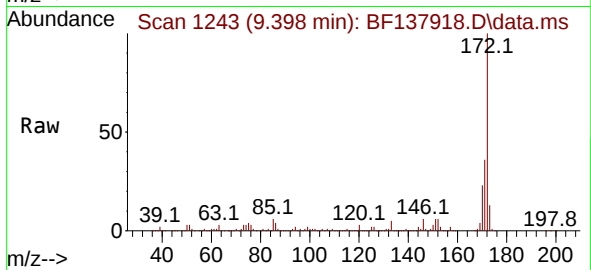
#45
2-Fluorobiphenyl
Concen: 76.791 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

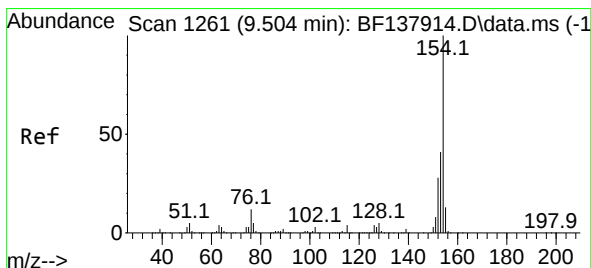
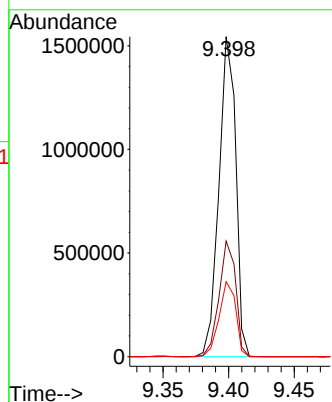
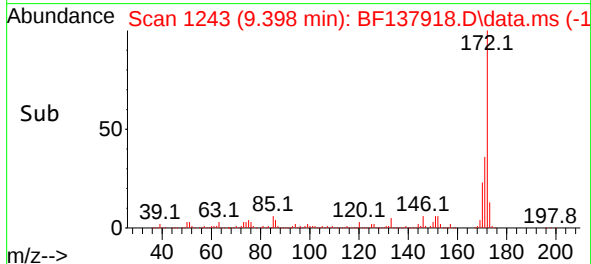


Tgt Ion:172 Resp: 137780
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.5 18.9 28.3

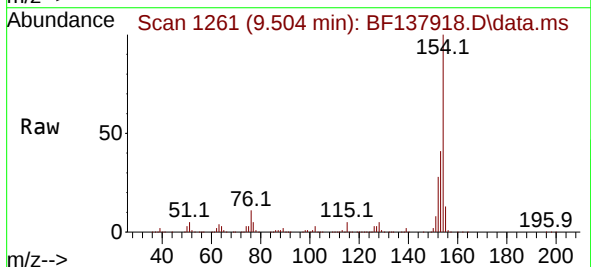
Manual Integrations

APPROVED

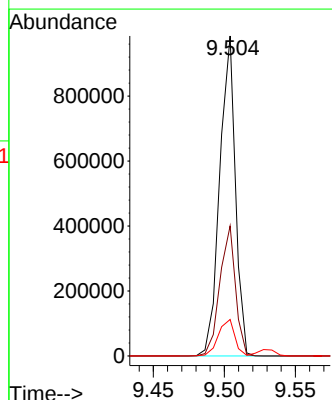
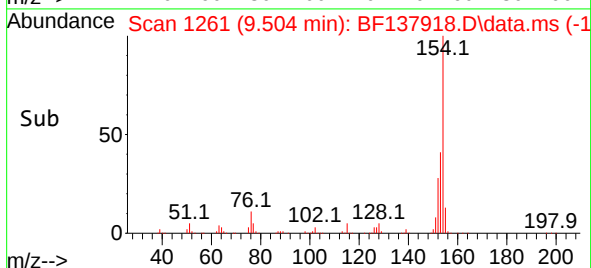
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

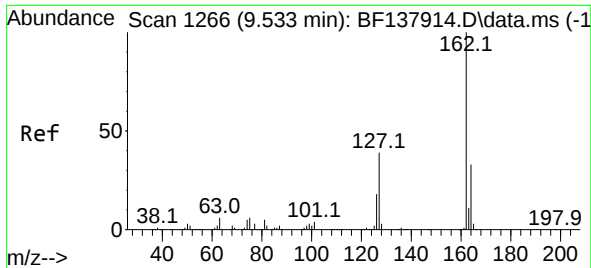


#46
1,1'-Biphenyl
Concen: 38.884 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:154 Resp: 753773
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 11.4 0.0 31.9





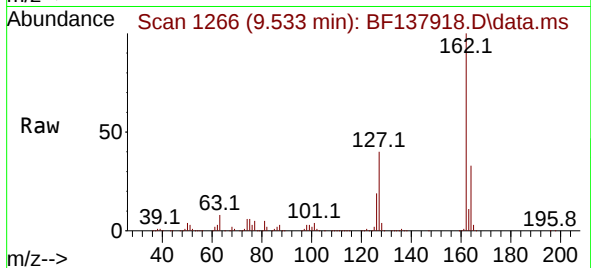
#47
2-Chloronaphthalene
Concen: 38.920 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

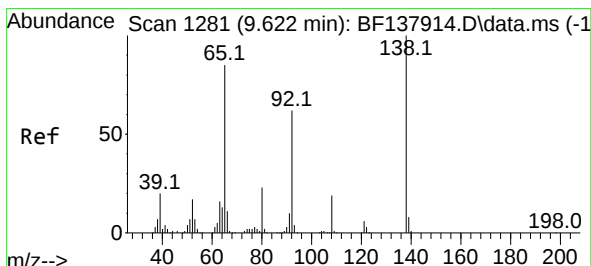
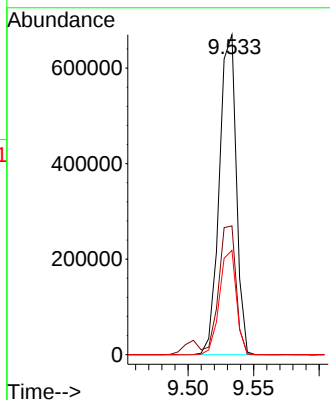
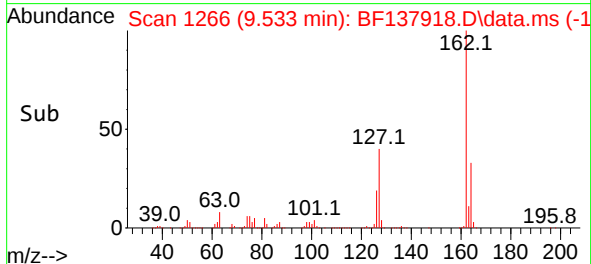


Tgt Ion:162 Resp: 602270
Ion Ratio Lower Upper
162 100
127 40.3 32.0 48.0
164 32.6 26.2 39.4

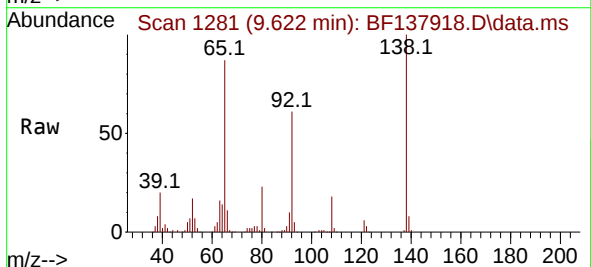
Manual Integrations

APPROVED

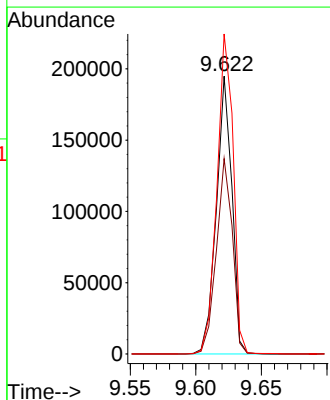
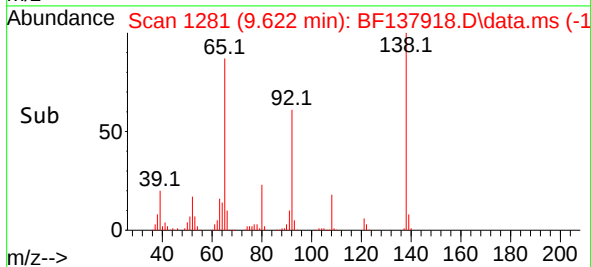
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

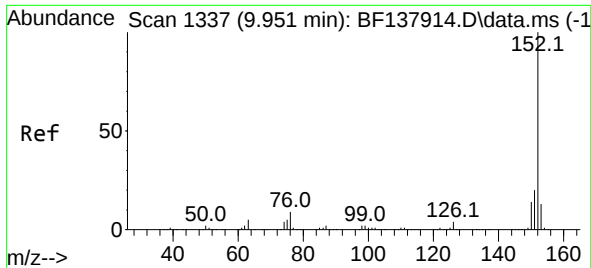


#48
2-Nitroaniline
Concen: 40.572 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion: 65 Resp: 160773
Ion Ratio Lower Upper
65 100
92 70.3 58.6 88.0
138 115.2 94.1 141.1





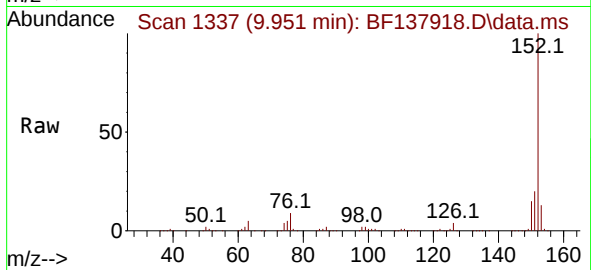
#49
Acenaphthylene
Concen: 39.070 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

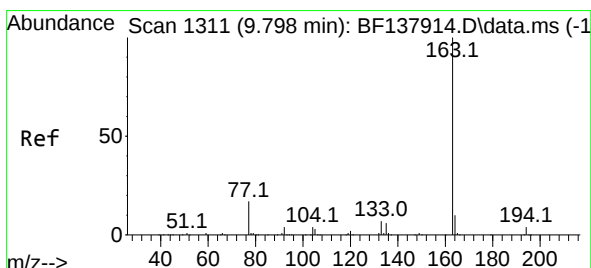
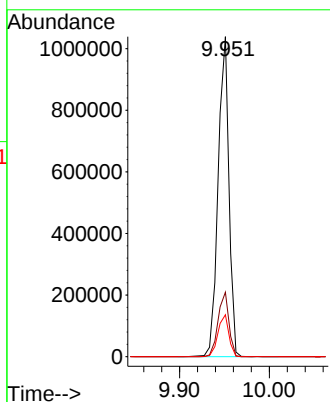
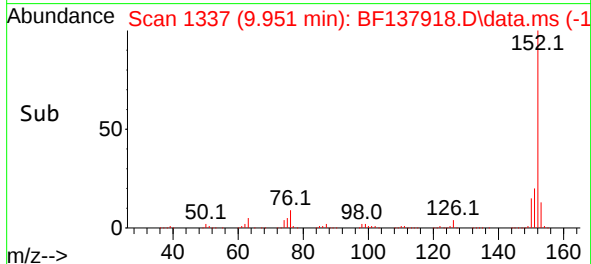


Tgt Ion:152 Resp: 869324
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.2 15.4

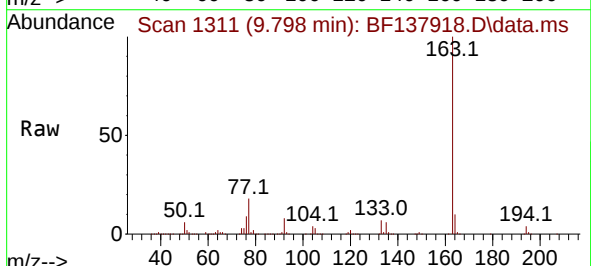
Manual Integrations

APPROVED

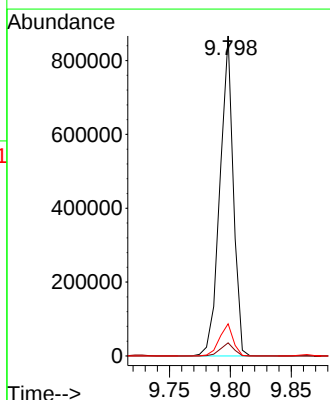
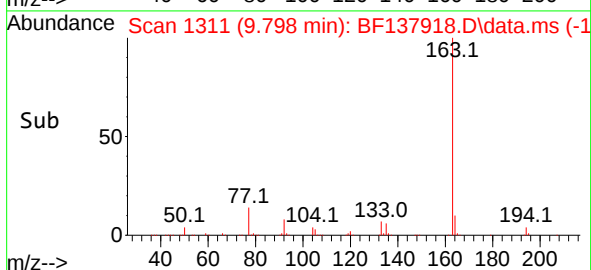
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

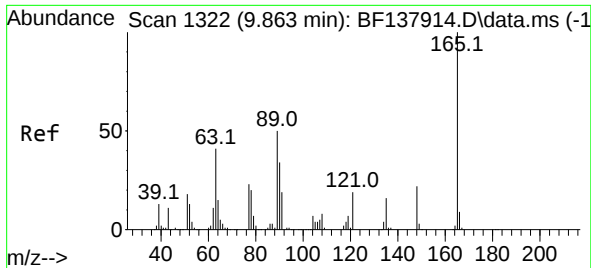


#50
Dimethylphthalate
Concen: 38.418 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:163 Resp: 665841
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 39.473 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

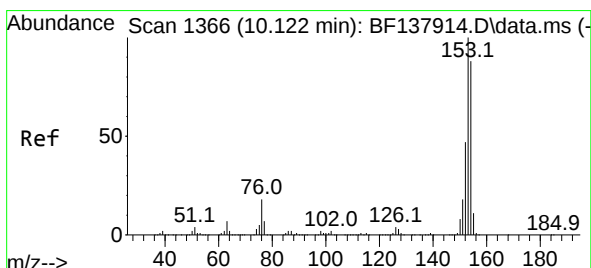
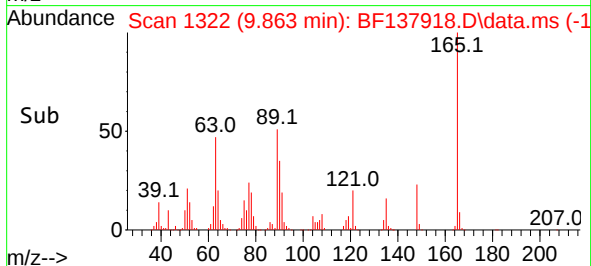
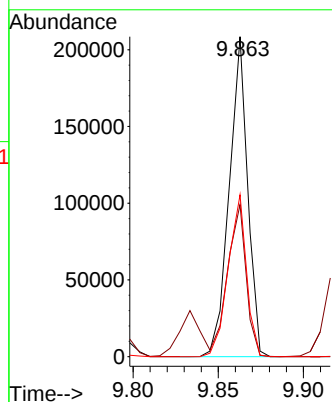
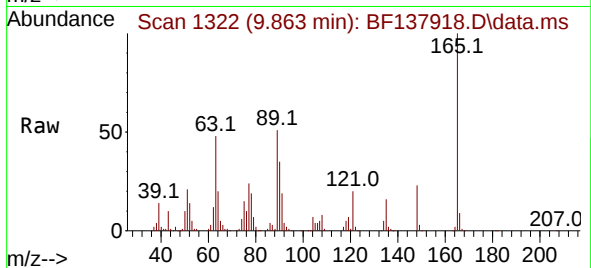
ICVBF051424

Tgt Ion:165 Resp: 15701
Ion Ratio Lower Upper
165 100
63 47.6 38.9 58.3
89 50.6 40.4 60.6

Manual Integrations

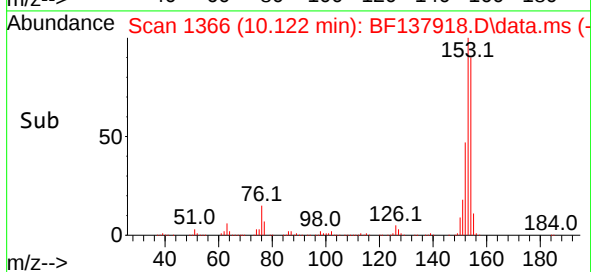
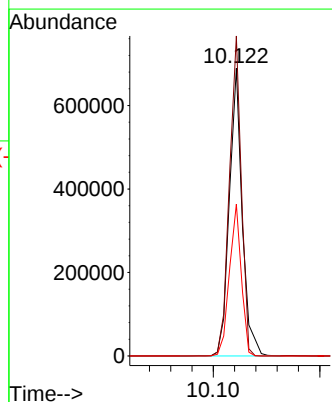
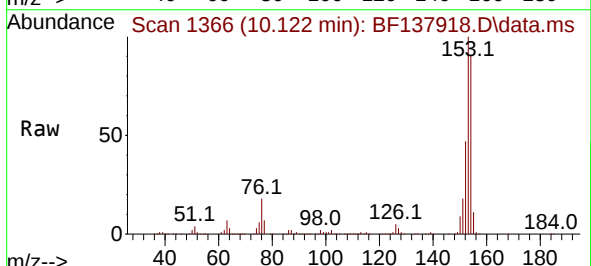
APPROVED

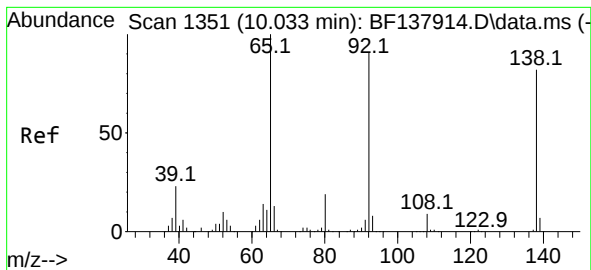
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#52
Acenaphthene
Concen: 39.118 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:154 Resp: 575269
Ion Ratio Lower Upper
154 100
153 111.3 90.4 135.6
152 52.8 42.3 63.5





#53
3-Nitroaniline
Concen: 40.110 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

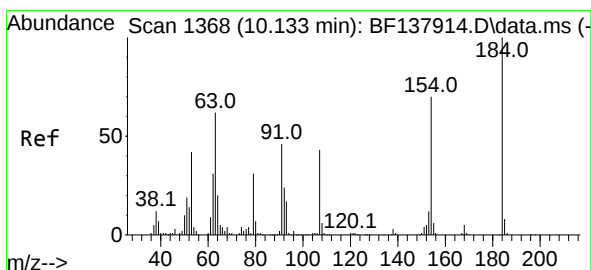
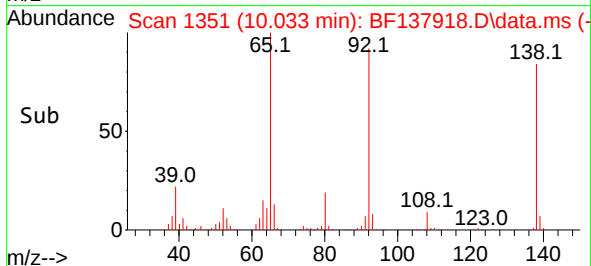
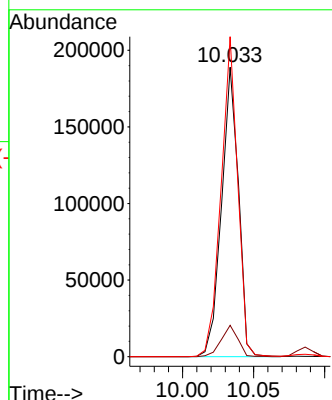
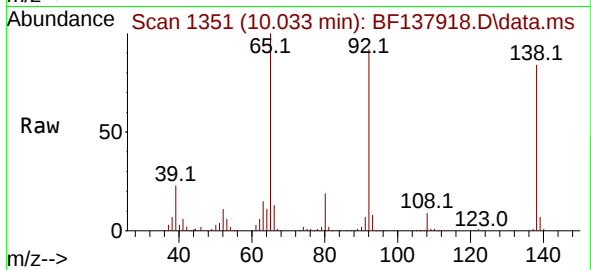
ICVBF051424

Tgt Ion:138 Resp: 155970
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 110.6 88.6 133.0

Manual Integrations

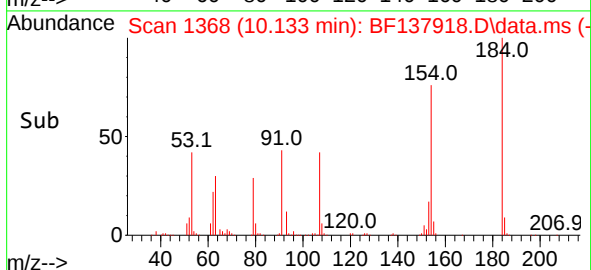
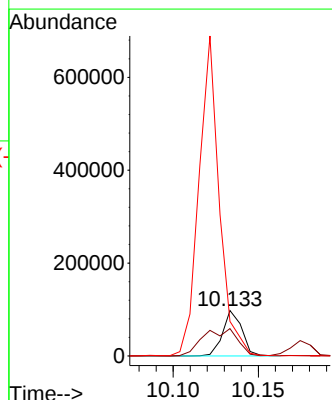
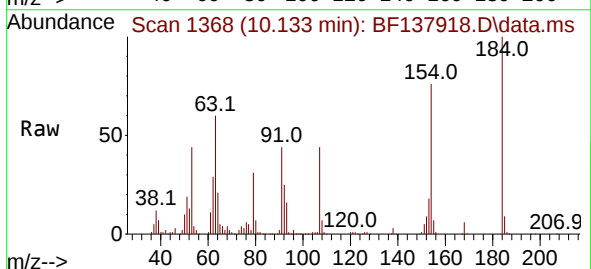
APPROVED

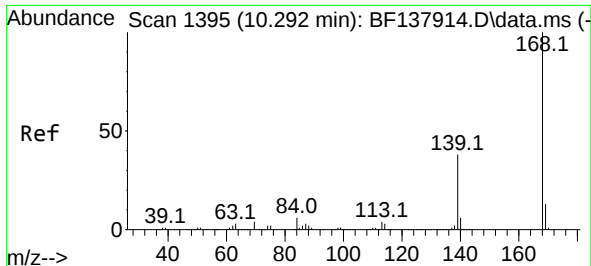
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#54
2,4-Dinitrophenol
Concen: 39.517 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

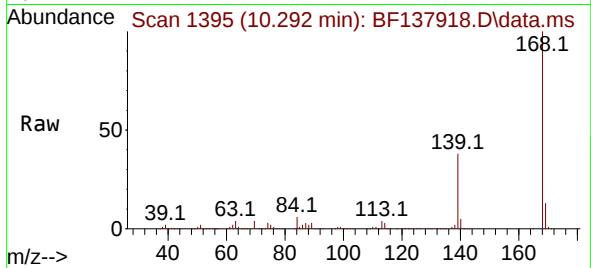
Tgt Ion:184 Resp: 76620
Ion Ratio Lower Upper
184 100
63 60.5 50.4 75.6
154 76.3 63.7 95.5





#55
Dibenzenofuran
Concen: 38.846 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

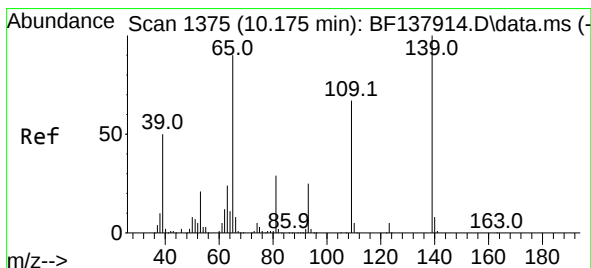
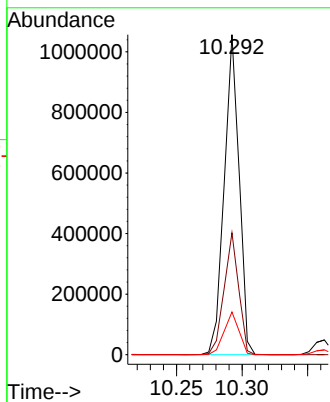
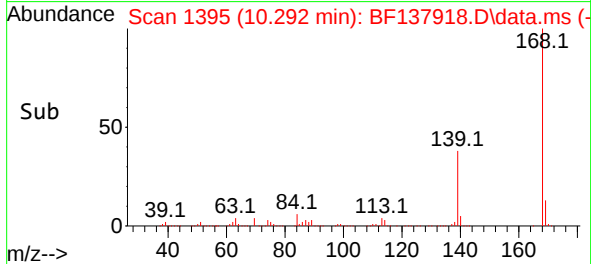
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



Tgt Ion:168 Resp: 831390
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.4 10.5 15.7

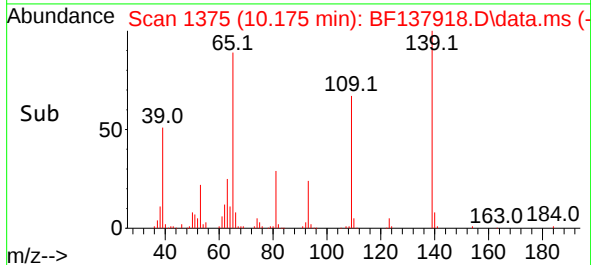
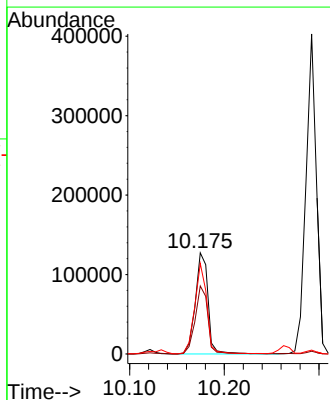
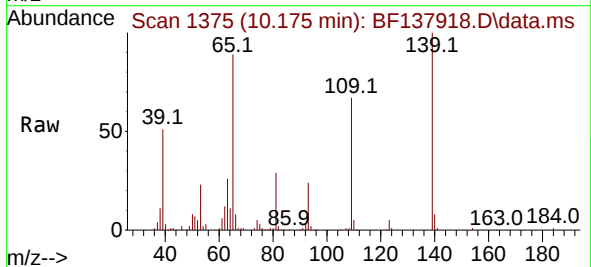
Manual Integrations
APPROVED

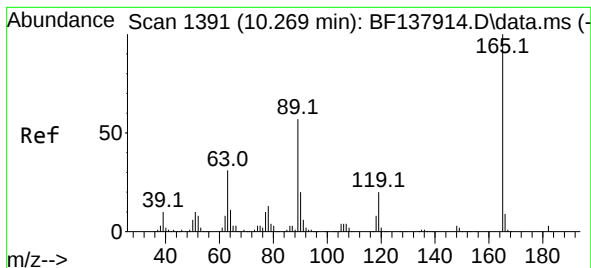
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#56
4-Nitrophenol
Concen: 42.849 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:139 Resp: 119678
Ion Ratio Lower Upper
139 100
109 67.3 46.5 86.5
65 89.4 70.4 110.4





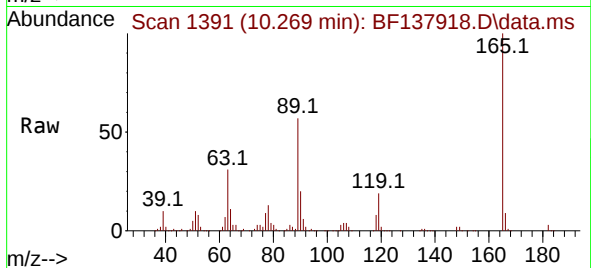
#57
2,4-Dinitrotoluene
Concen: 40.793 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

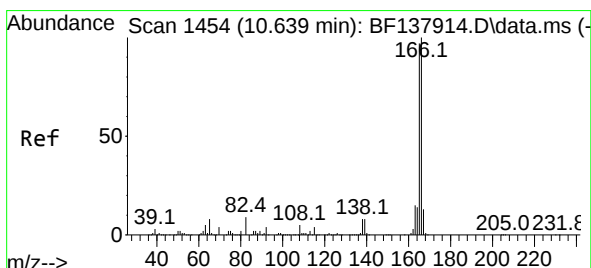
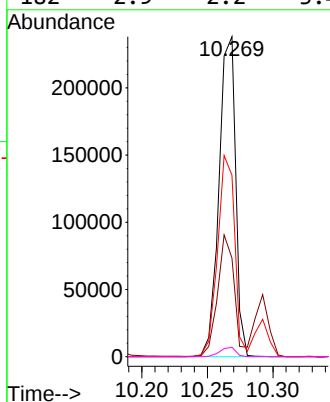
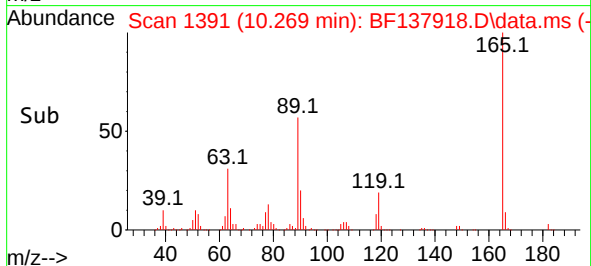


Tgt Ion:165 Resp: 209777
Ion Ratio Lower Upper
165 100
63 30.8 25.3 37.9
89 56.7 45.9 68.9
182 2.9 2.2 3.4

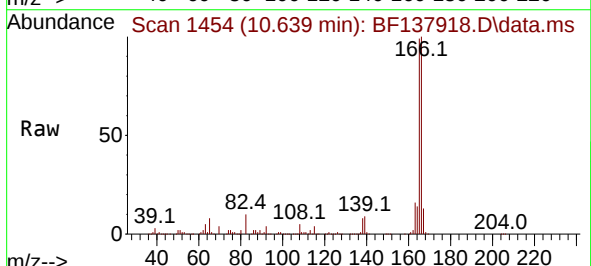
Manual Integrations

APPROVED

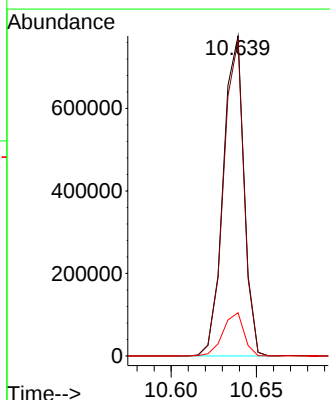
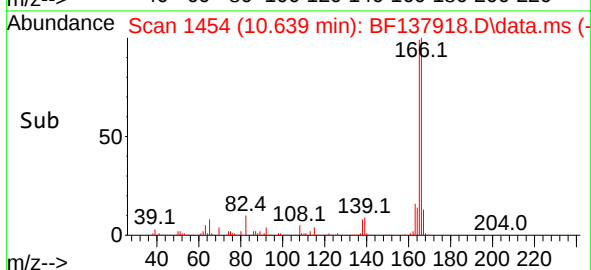
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

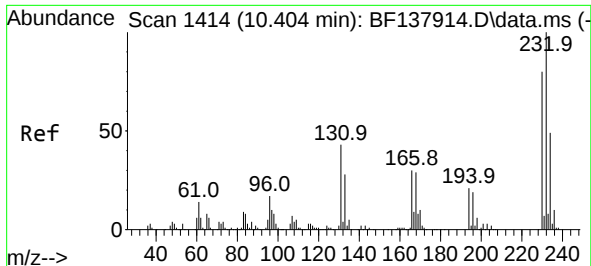


#58
Fluorene
Concen: 38.744 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:166 Resp: 655871
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 13.5 10.4 15.6





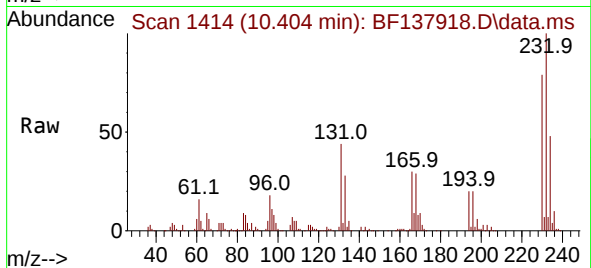
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.338 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

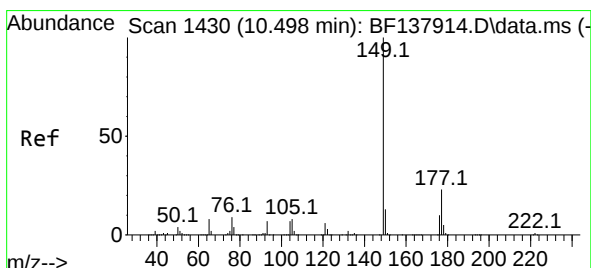
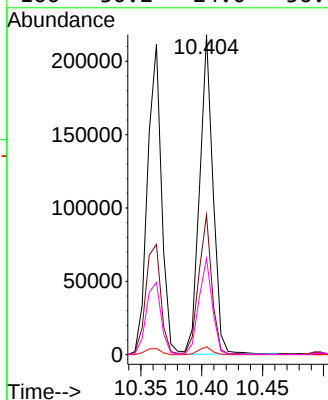
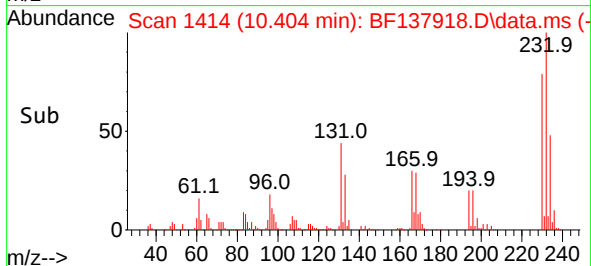


Tgt Ion:232 Resp: 166581
Ion Ratio Lower Upper
232 100
131 43.2 34.4 51.6
130 2.4 1.7 2.5
166 30.2 24.0 36.0

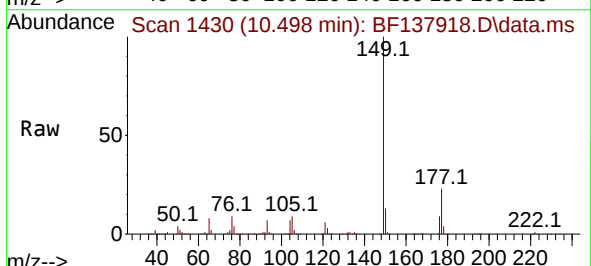
Manual Integrations

APPROVED

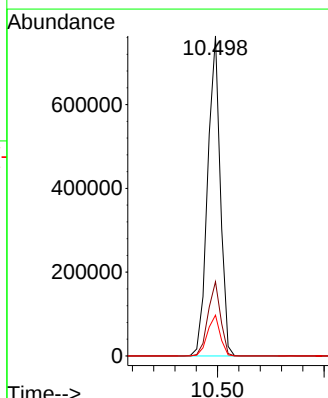
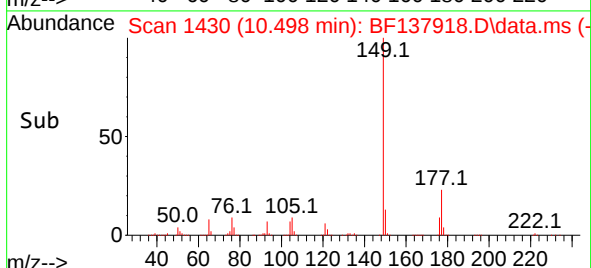
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

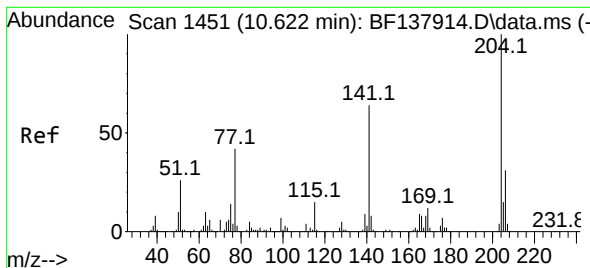


#60
Diethylphthalate
Concen: 38.868 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:149 Resp: 629127
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.8 10.1 15.1





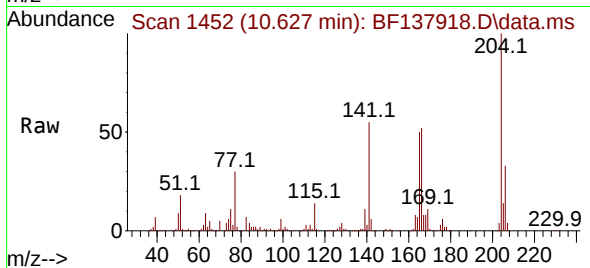
#61
4-Chlorophenyl-phenylether
Concen: 38.903 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

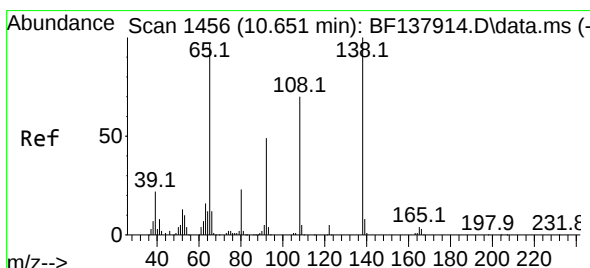
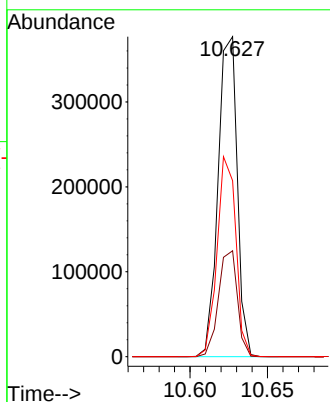
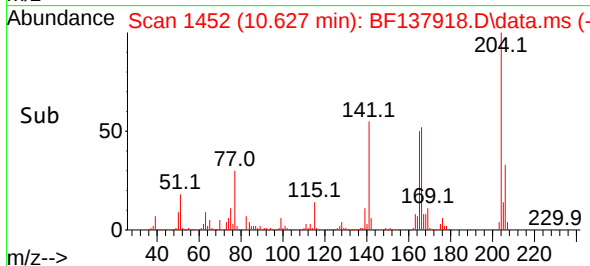


Tgt Ion:204 Resp: 324770
Ion Ratio Lower Upper
204 100
206 33.1 25.1 37.7
141 55.0 51.0 76.6

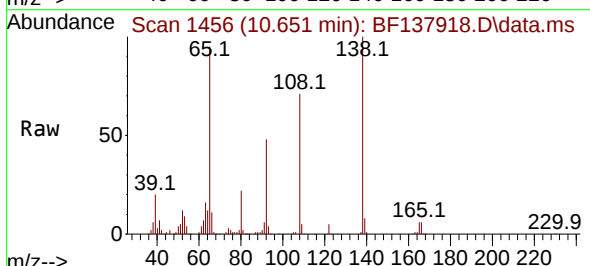
Manual Integrations

APPROVED

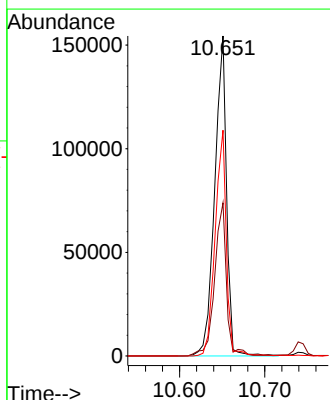
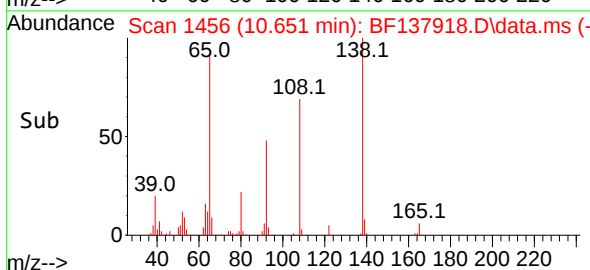
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

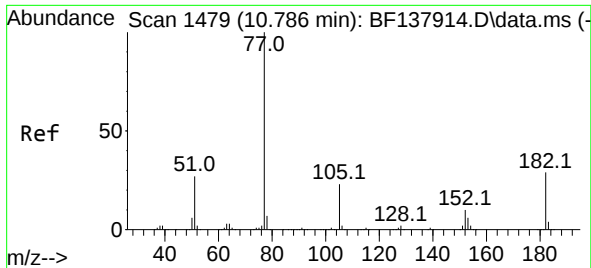


#62
4-Nitroaniline
Concen: 40.468 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:138 Resp: 149259
Ion Ratio Lower Upper
138 100
92 47.8 29.0 69.0
108 70.5 49.7 89.7





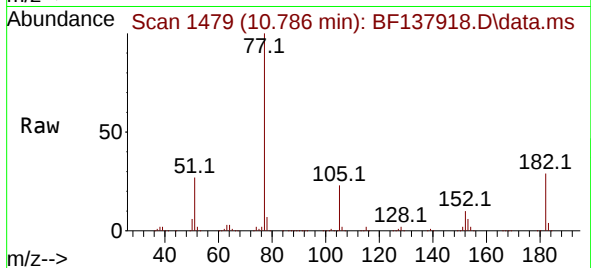
#63
Azobenzene
Concen: 39.362 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

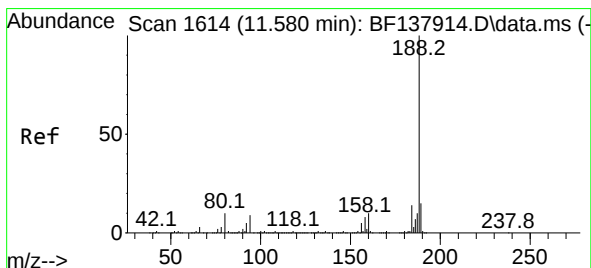
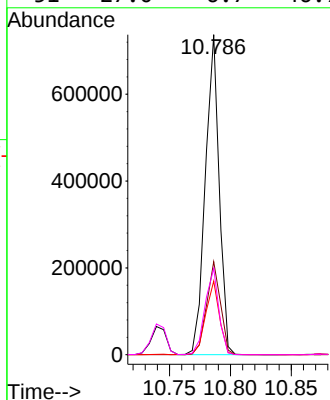
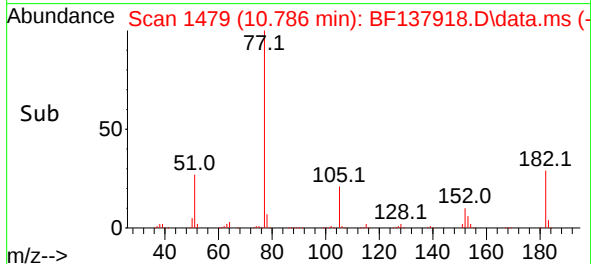


Tgt Ion: 77 Resp: 579528
Ion Ratio Lower Upper
77 100
182 29.1 9.2 49.2
105 23.0 3.1 43.1
51 27.0 6.7 46.7

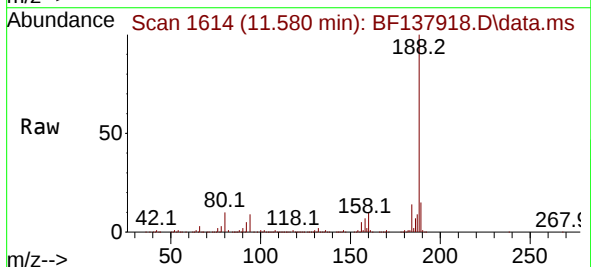
Manual Integrations

APPROVED

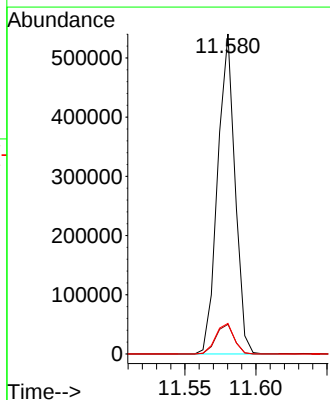
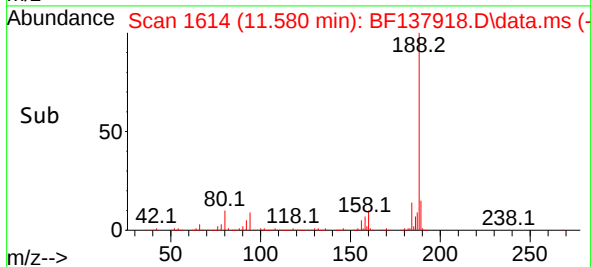
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

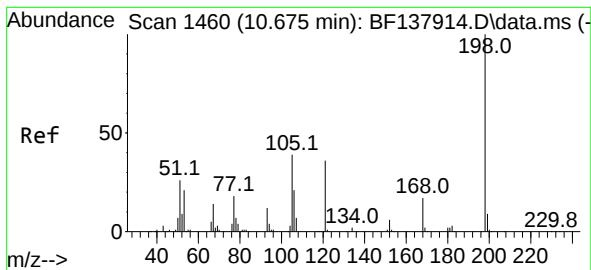


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:188 Resp: 459706
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.5 7.7 11.5





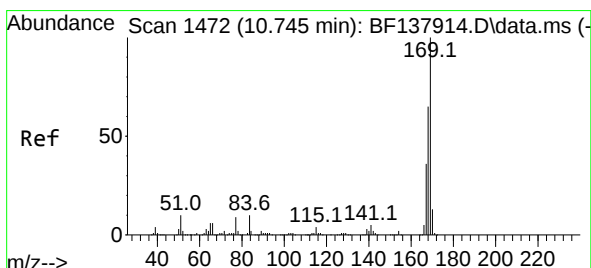
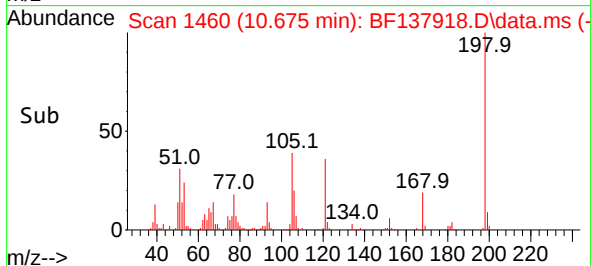
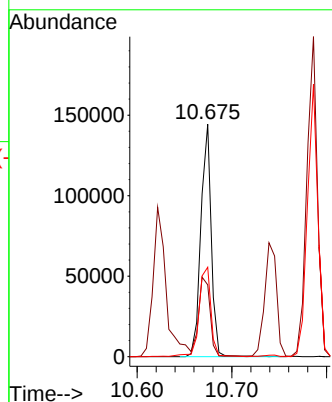
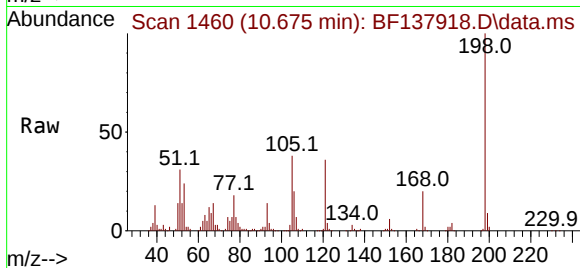
#65
4,6-Dinitro-2-methylphenol
Concen: 41.445 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.001 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :
BNA_F
ClientSampleId :
ICVBF051424

Tgt Ion:198 Resp: 110009
Ion Ratio Lower Upper
198 100
51 30.9 13.8 53.8
105 38.5 19.0 59.0

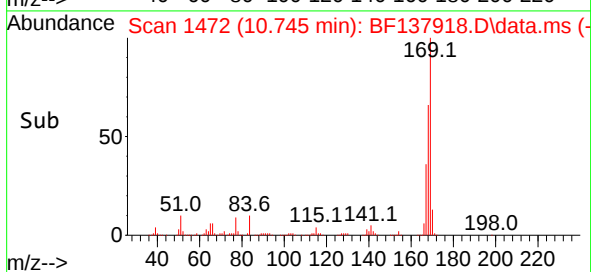
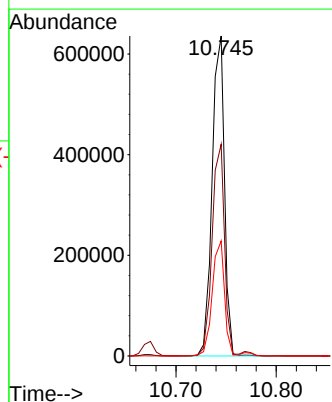
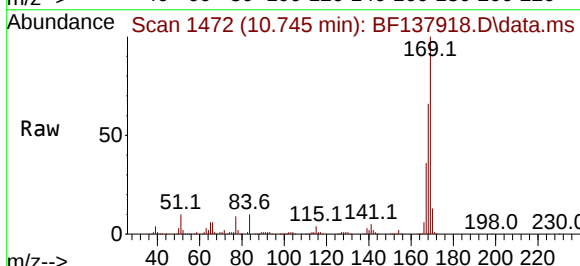
Manual Integrations
APPROVED

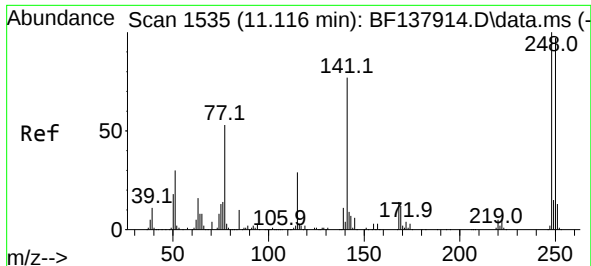
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 38.674 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

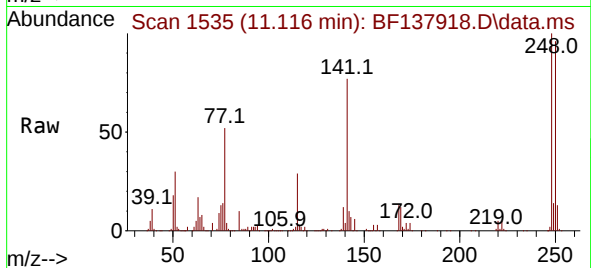
Tgt Ion:169 Resp: 545212
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 36.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.286 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

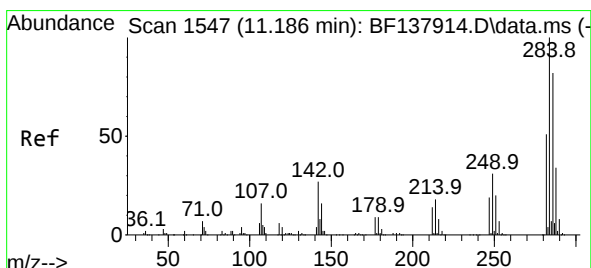
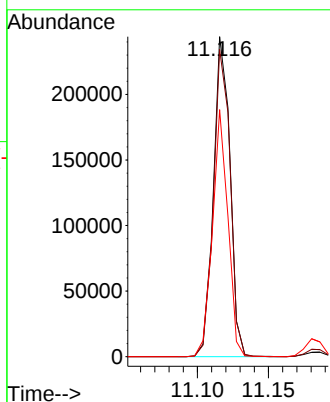
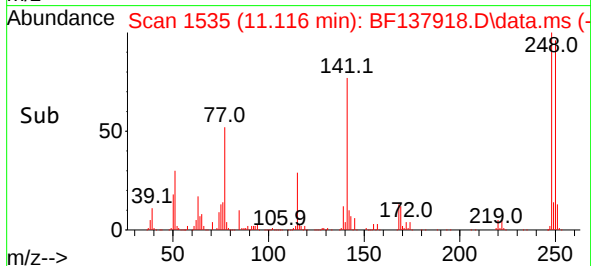
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



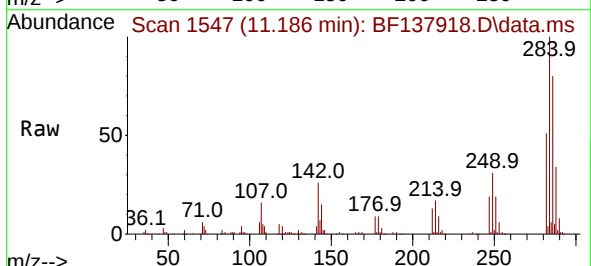
Tgt Ion:248 Resp: 197990
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 77.2 61.4 92.2

Manual Integrations
APPROVED

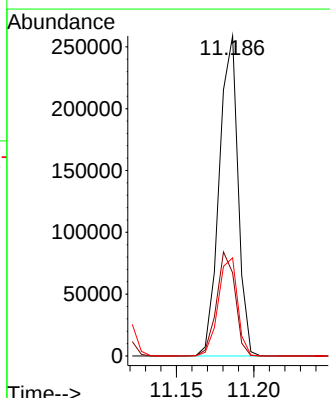
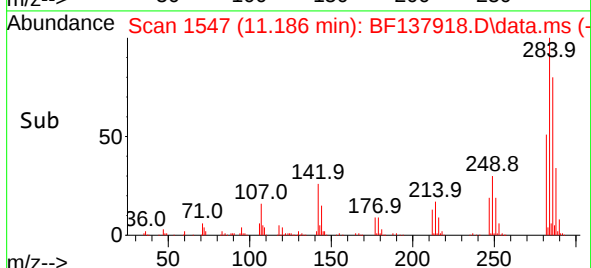
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

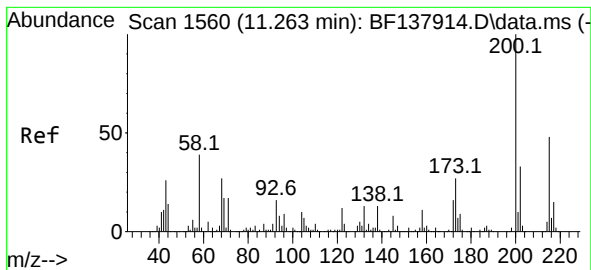


#68
Hexachlorobenzene
Concen: 39.191 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:284 Resp: 218325
Ion Ratio Lower Upper
284 100
142 26.0 21.3 31.9
249 30.7 24.6 37.0





#69

Atrazine

Concen: 39.248 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

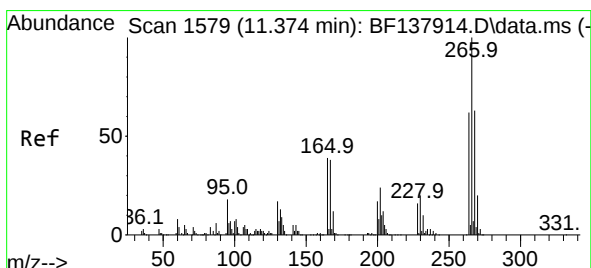
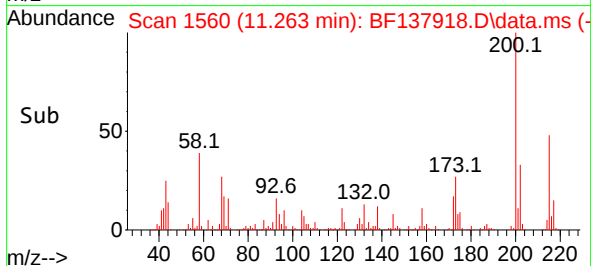
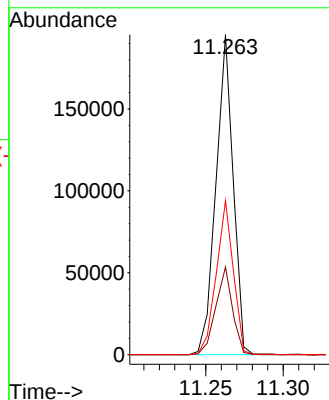
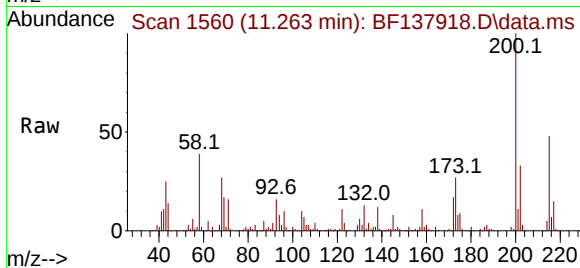
ICVBF051424

Tgt Ion:200	Resp: 151092
Ion Ratio	Lower Upper
200 100	
173 27.4	6.6 46.6
215 48.1	27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#70

Pentachlorophenol

Concen: 42.427 ng

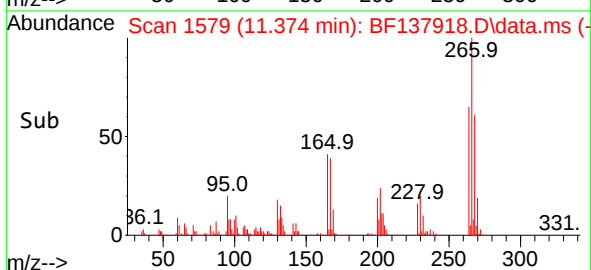
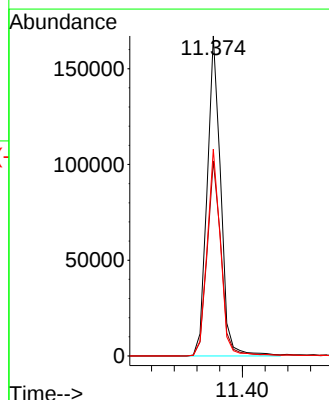
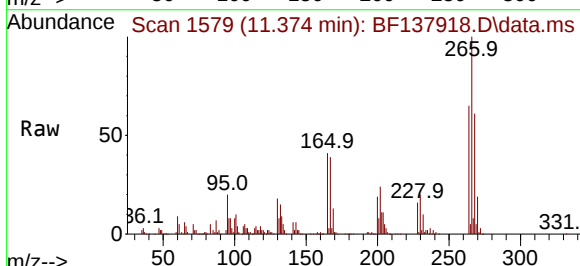
RT: 11.374 min Scan# 1579

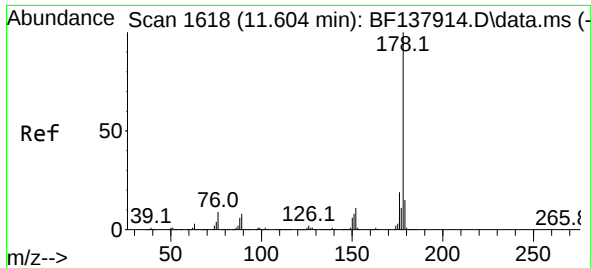
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

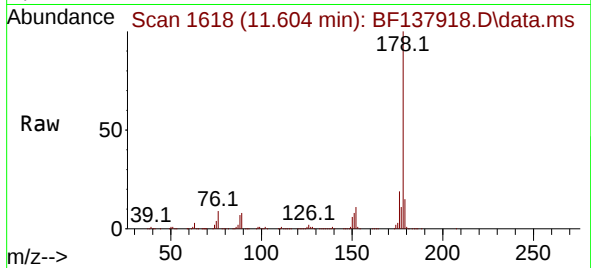
Tgt Ion:266	Resp: 138448
Ion Ratio	Lower Upper
266 100	
268 60.9	50.1 75.1
264 64.6	49.4 74.2





#71
Phenanthrene
Concen: 38.880 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

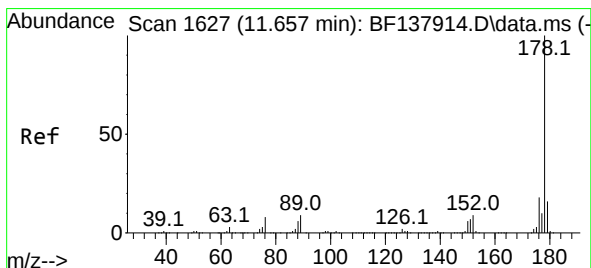
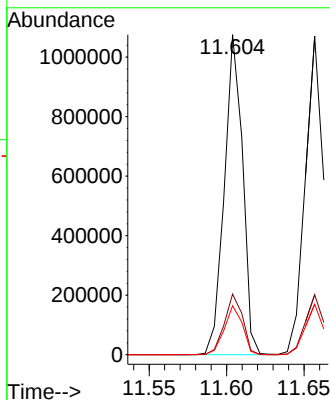
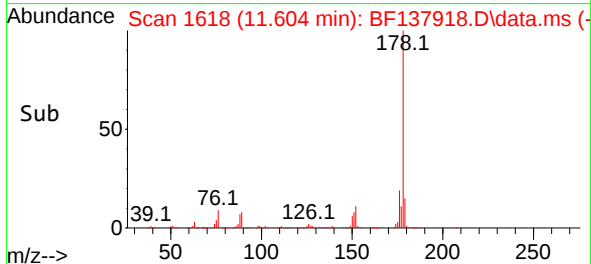
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



Tgt Ion:178 Resp: 880794
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.2 18.4

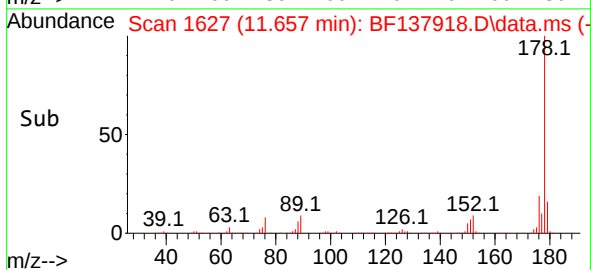
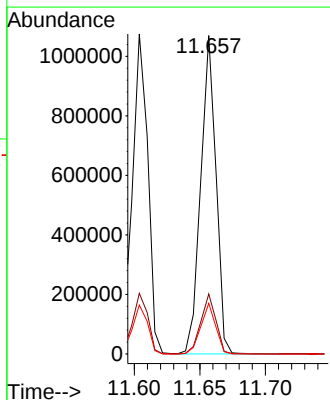
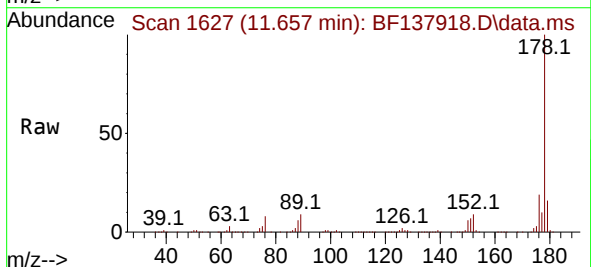
Manual Integrations
APPROVED

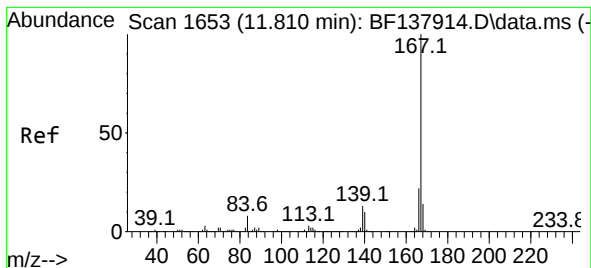
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#72
Anthracene
Concen: 38.658 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:178 Resp: 868917
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.9 12.4 18.6





#73

Carbazole

Concen: 38.955 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF137918.D

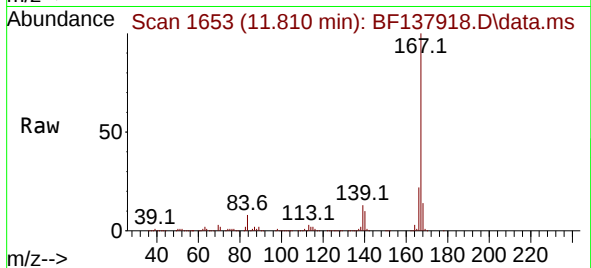
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

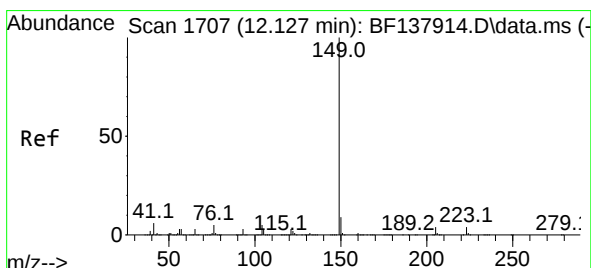
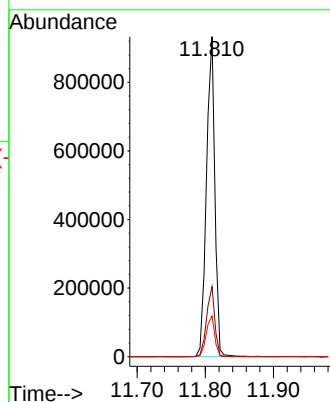
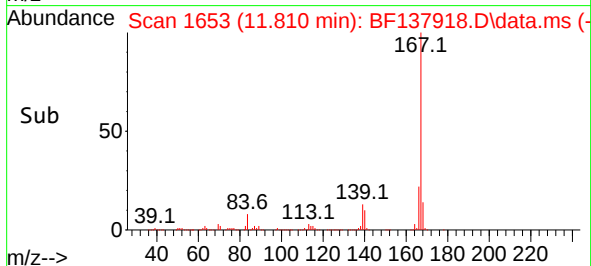


Tgt Ion:	167	Resp:	79985
Ion Ratio	100	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.7	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#74

Di-n-butylphthalate

Concen: 39.396 ng

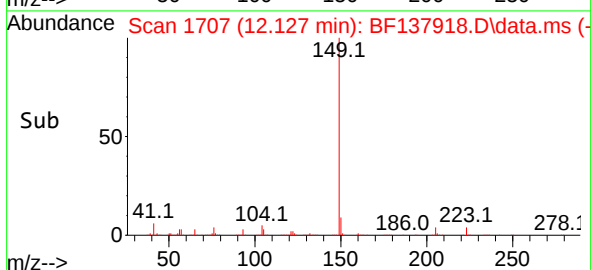
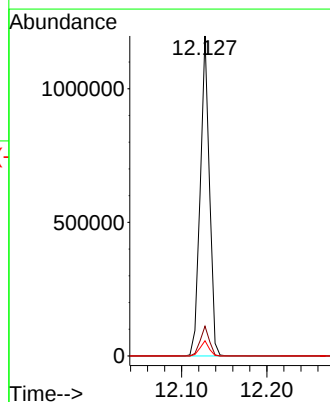
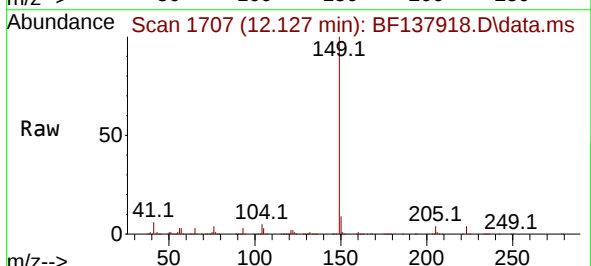
RT: 12.127 min Scan# 1707

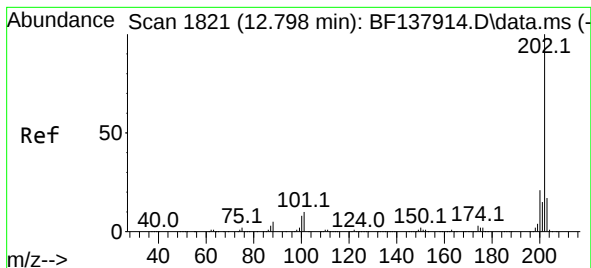
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Tgt Ion:	149	Resp:	897691
Ion Ratio	100	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 39.035 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF137918.D

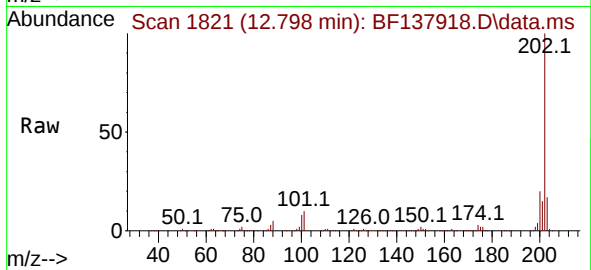
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

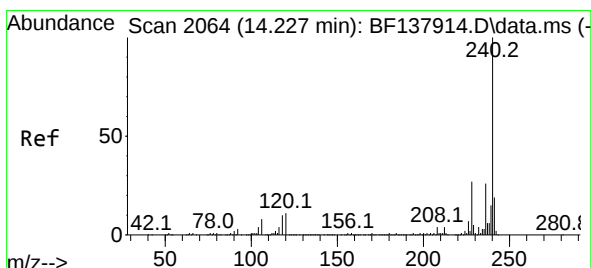
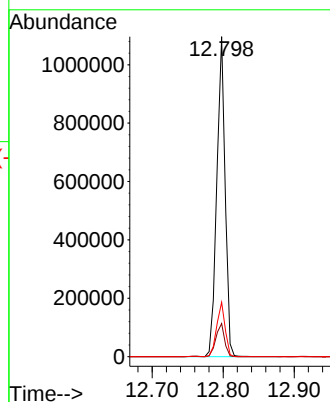
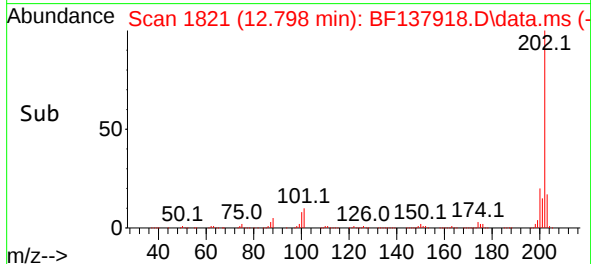


Tgt Ion:	202	Resp:	89758
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.5
203	17.0	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#76

Chrysene-d12

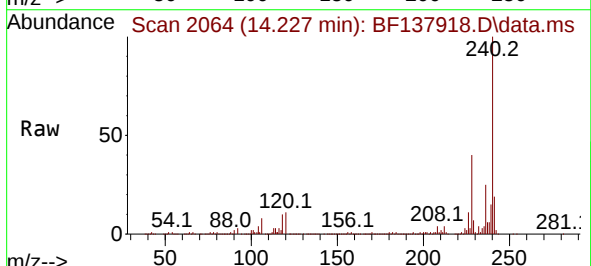
Concen: 20.000 ng

RT: 14.227 min Scan# 2064

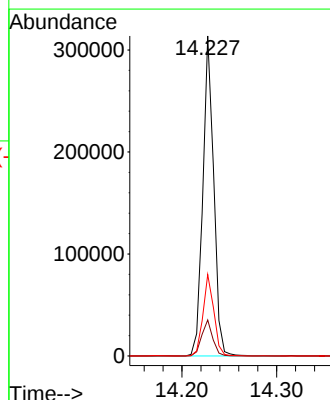
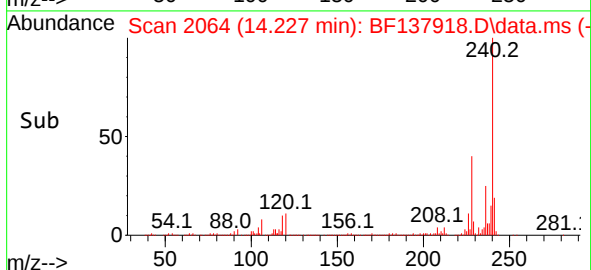
Delta R.T. 0.000 min

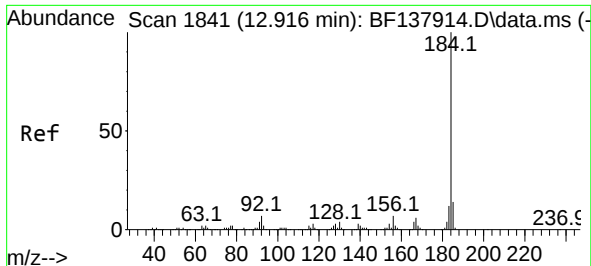
Lab File: BF137918.D

Acq: 14 May 2024 15:12



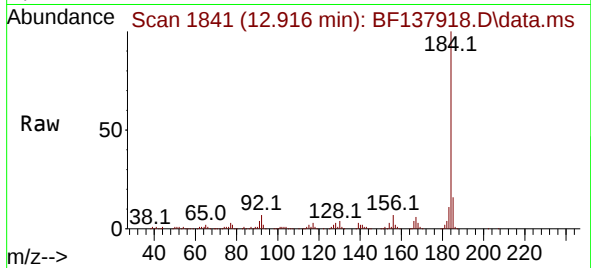
Tgt Ion:	240	Resp:	249872
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.9	13.3
236	25.5	21.0	31.4





#77
Benzidine
Concen: 55.125 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

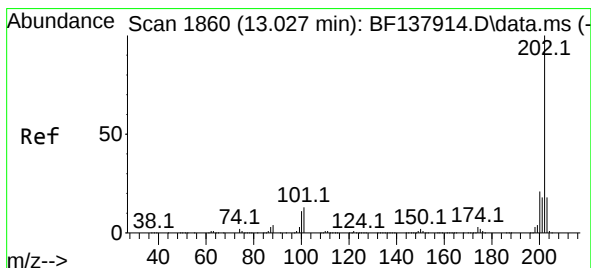
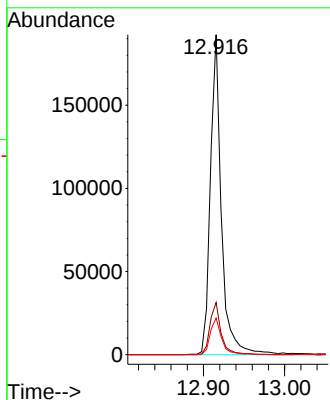
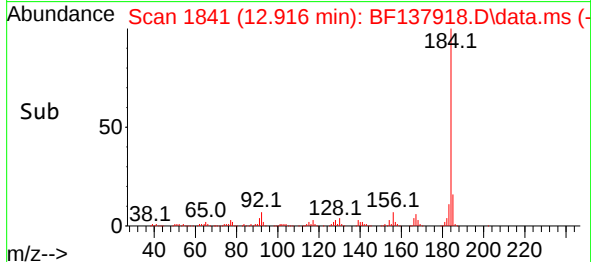
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



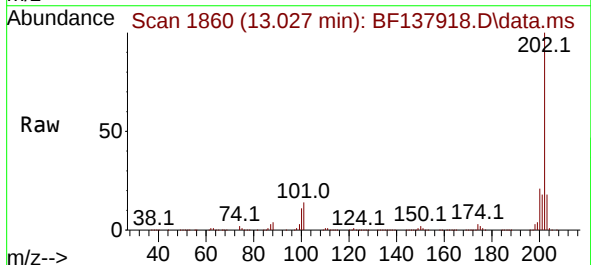
Tgt Ion:184 Resp: 180011
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.2
183 11.5 9.5 14.3

Manual Integrations
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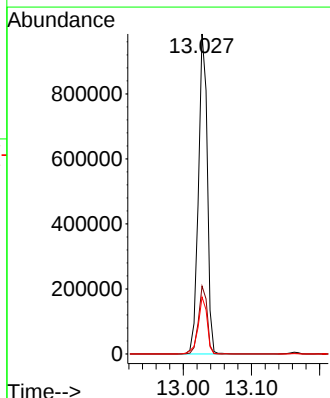
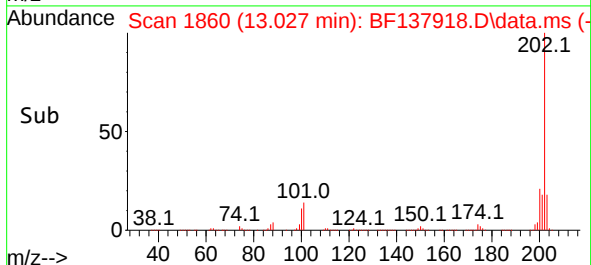
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

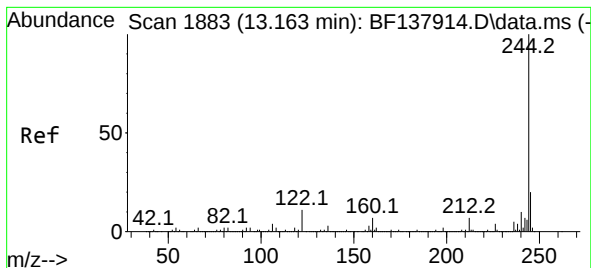


#78
Pyrene
Concen: 40.601 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:202 Resp: 887331
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 80.076 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137918.D

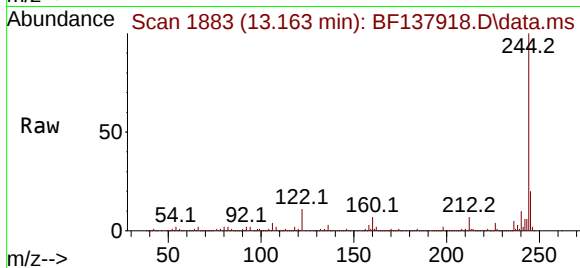
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424



Tgt Ion:244 Resp: 135762

Ion Ratio Lower Upper

244 100

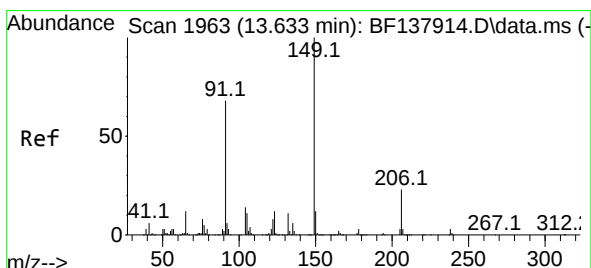
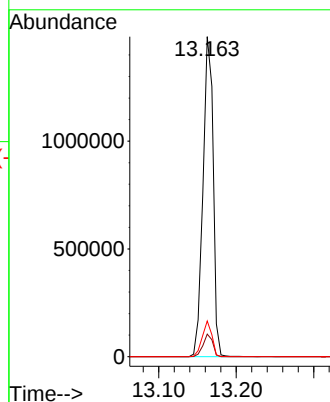
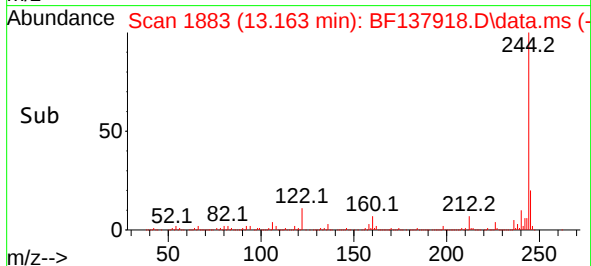
212 7.0 5.6 8.4

122 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#80

Butylbenzylphthalate

Concen: 41.326 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

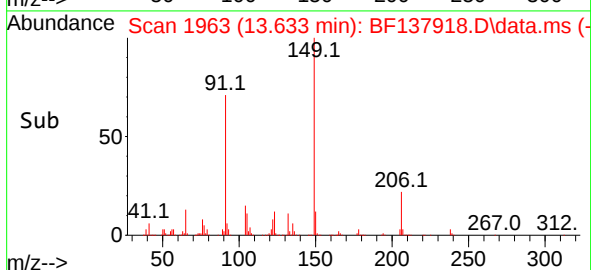
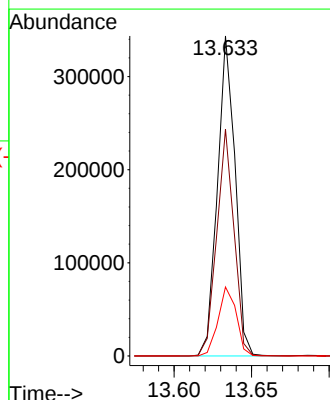
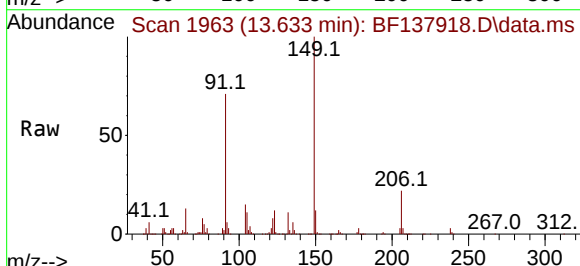
Tgt Ion:149 Resp: 272419

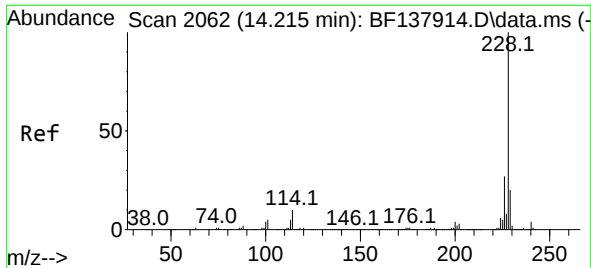
Ion Ratio Lower Upper

149 100

91 70.9 54.2 81.4

206 21.5 18.1 27.1





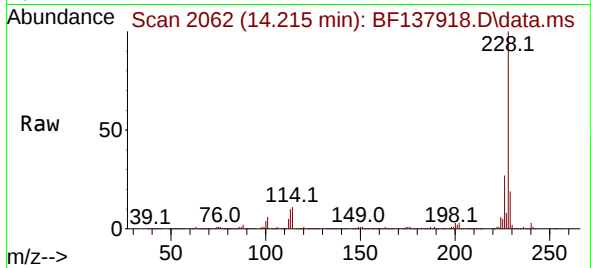
#81
Benzo(a)anthracene
Concen: 39.468 ng
RT: 14.215 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

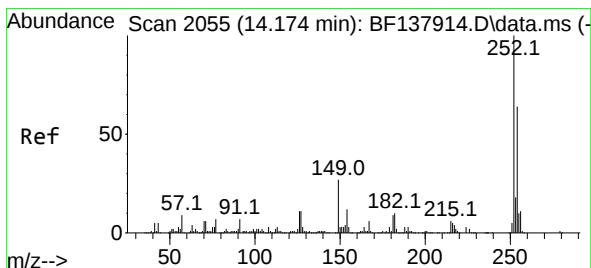
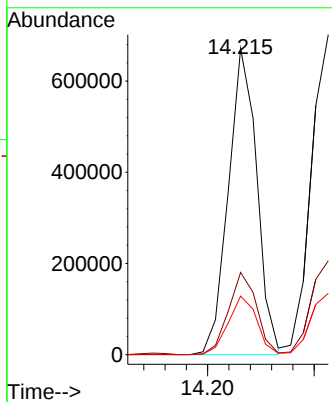
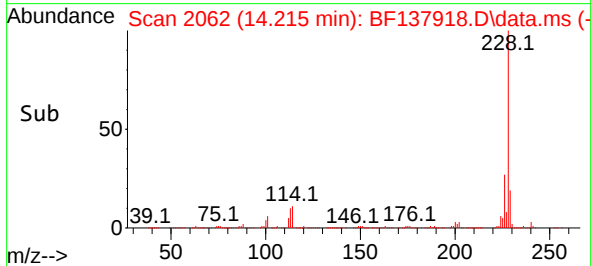


Tgt Ion:228 Resp: 62392
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.1 15.7 23.5

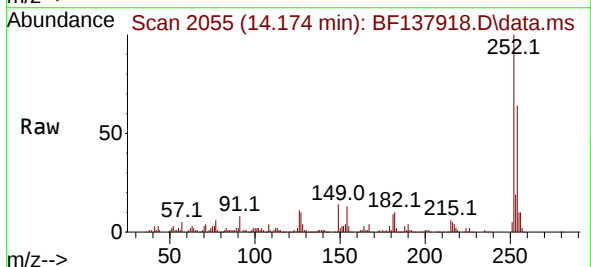
Manual Integrations

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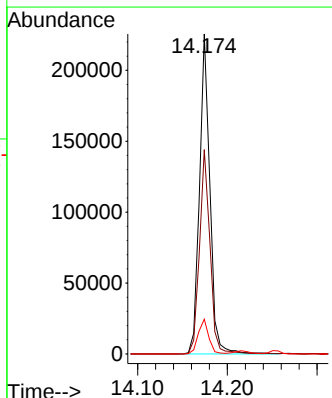
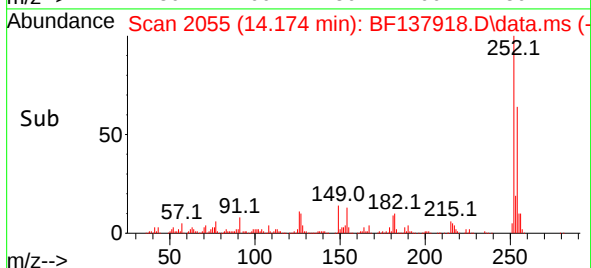
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

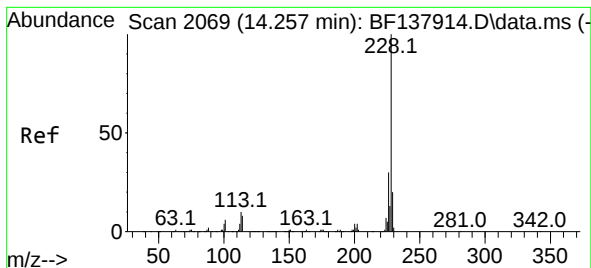


#82
3,3'-Dichlorobenzidine
Concen: 41.540 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:252 Resp: 181988
Ion Ratio Lower Upper
252 100
254 63.9 51.2 76.8
126 10.9 8.7 13.1





#83

Chrysene

Concen: 39.215 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

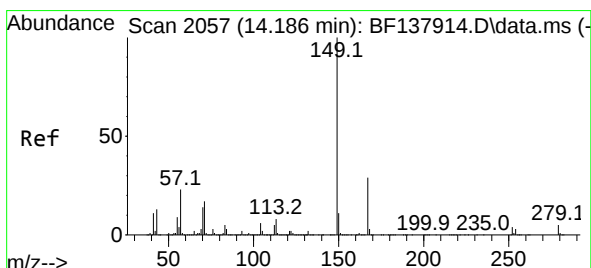
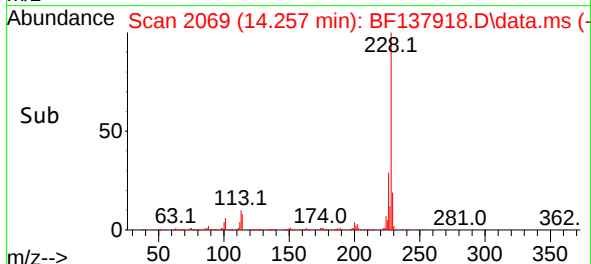
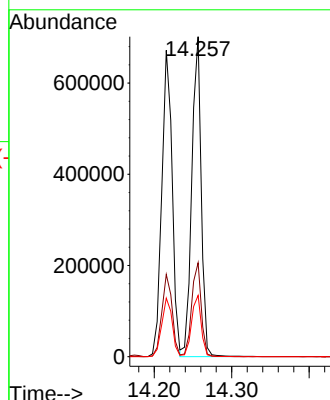
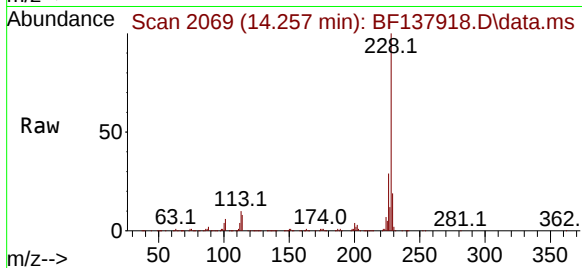
ICVBF051424

Tgt Ion:	228	Resp:	592889
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.8
229	19.1	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.671 ng

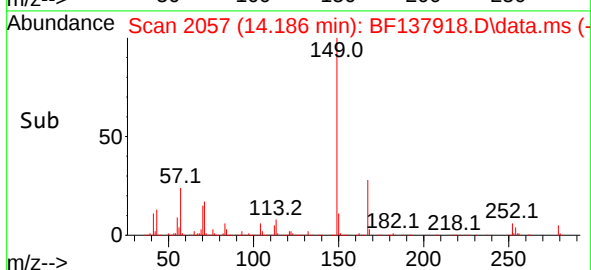
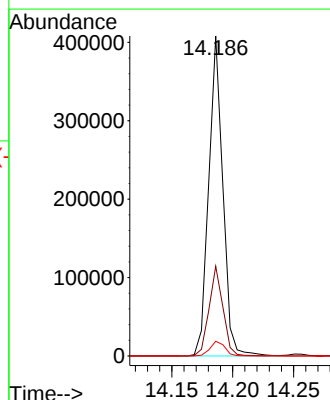
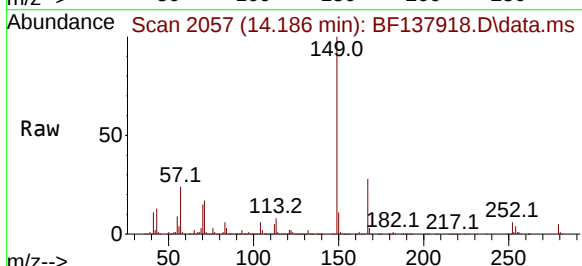
RT: 14.186 min Scan# 2057

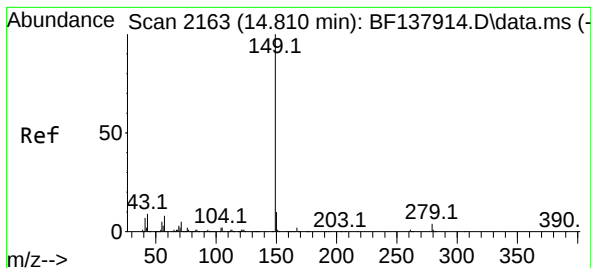
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

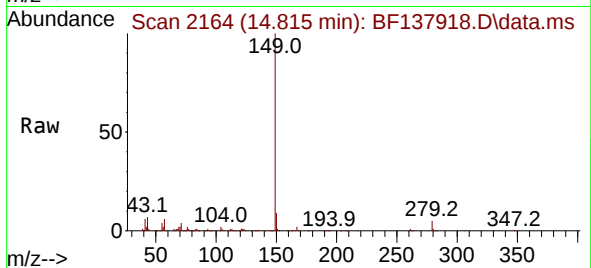
Tgt Ion:	149	Resp:	328736
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.2	34.8
279	4.6	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 39.722 ng
RT: 14.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

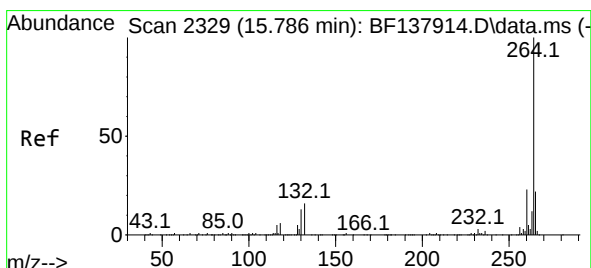
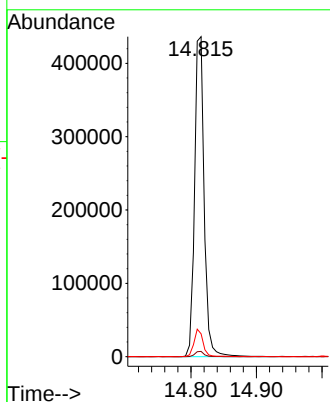
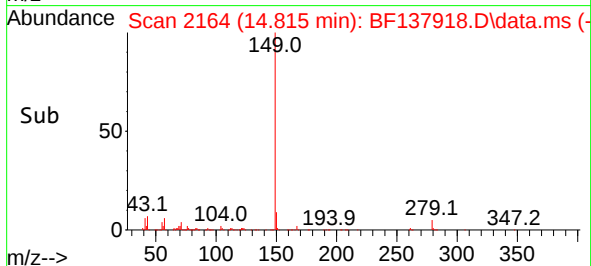
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



Tgt Ion:149 Resp: 44467
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.2 6.6 9.8

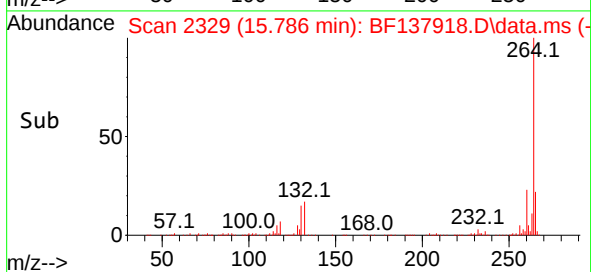
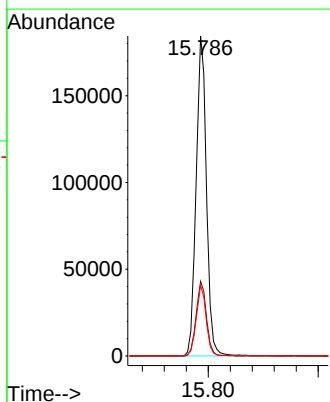
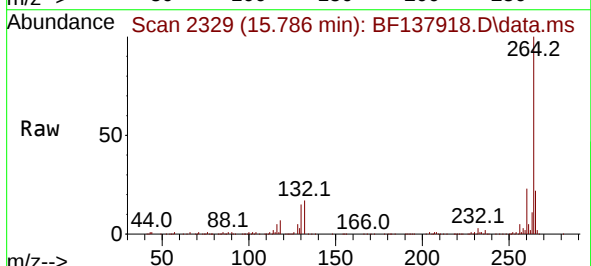
Manual Integrations
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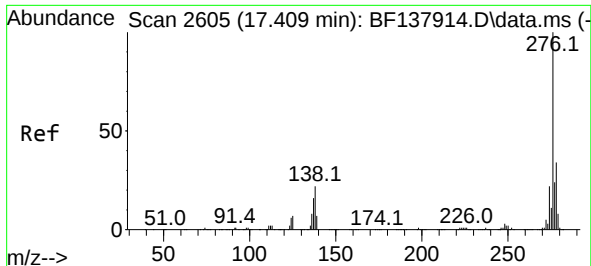
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Tgt Ion:264 Resp: 240880
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 22.1 17.6 26.4





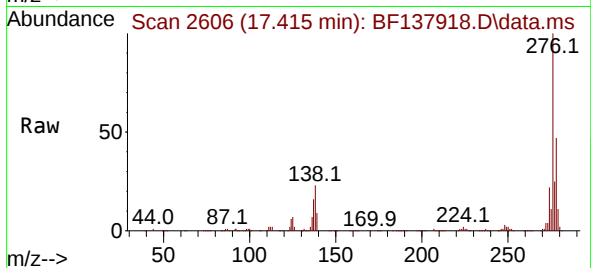
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.321 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

ICVBF051424

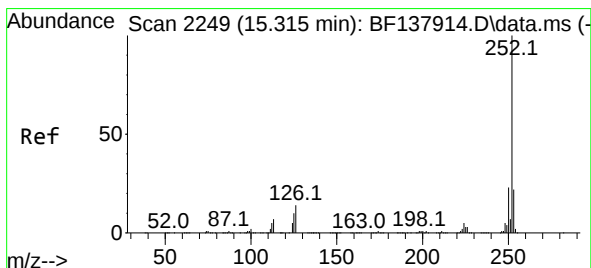
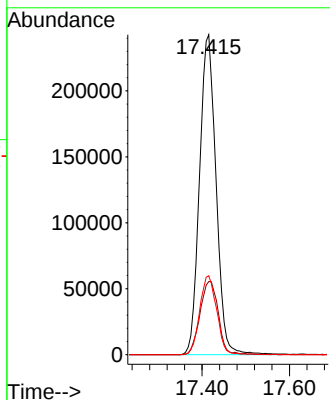
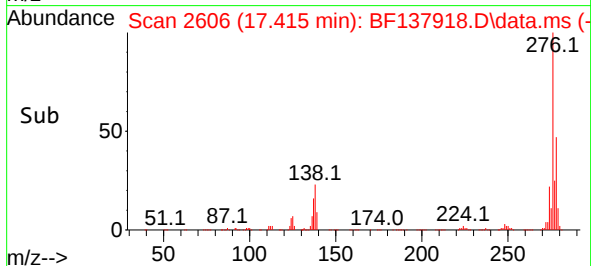


Tgt Ion:276 Resp: 63947
Ion Ratio Lower Upper
276 100
138 25.3 20.6 30.8
277 25.4 20.2 30.2

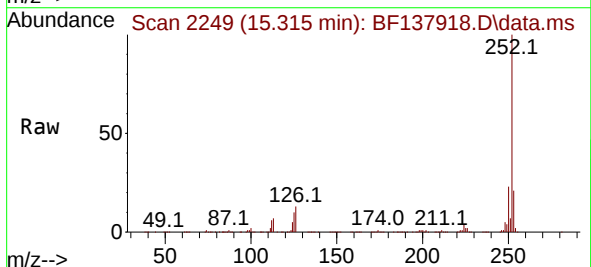
Manual Integrations

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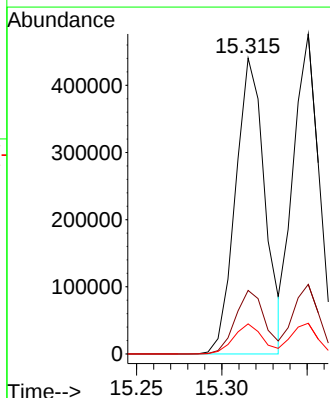
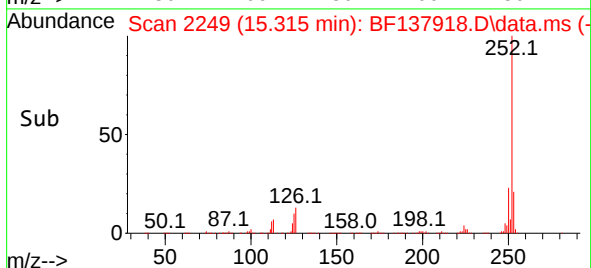
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

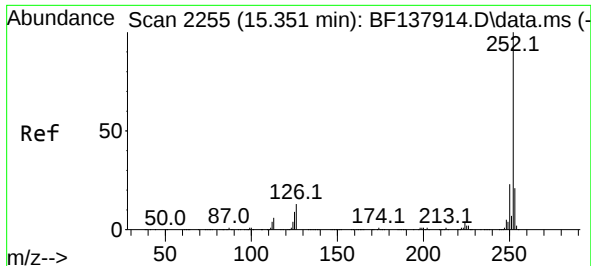


#88
Benzo(b)fluoranthene
Concen: 38.007 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:252 Resp: 530081
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 37.217 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

Instrument :

BNA_F

ClientSampleId :

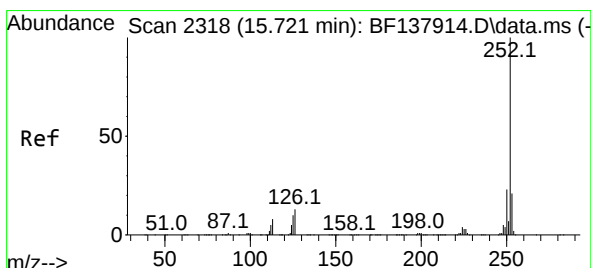
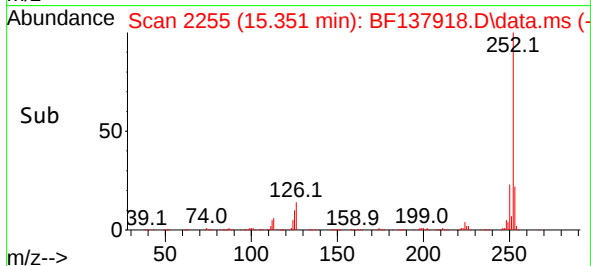
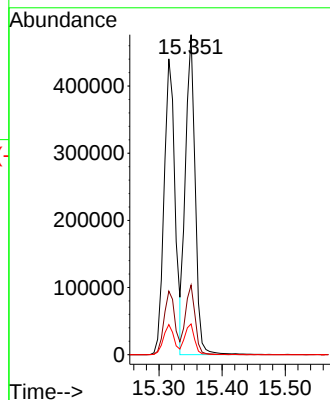
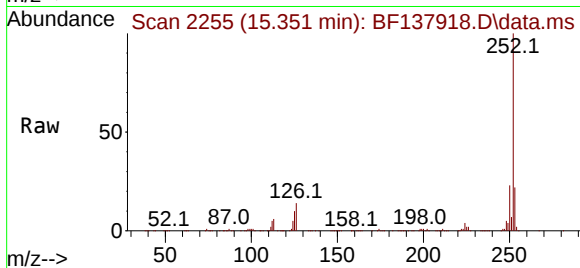
ICVBF051424

Tgt Ion:252 Resp: 50993
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 9.6 7.7 11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024



#90

Benzo(a)pyrene

Concen: 39.256 ng

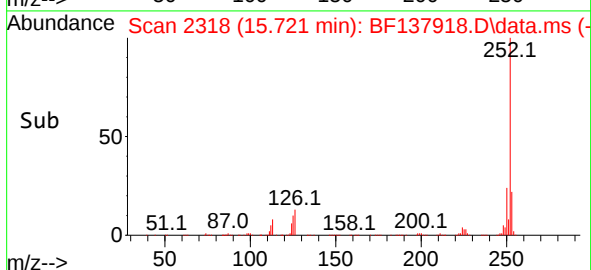
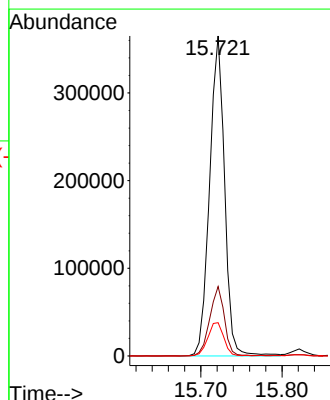
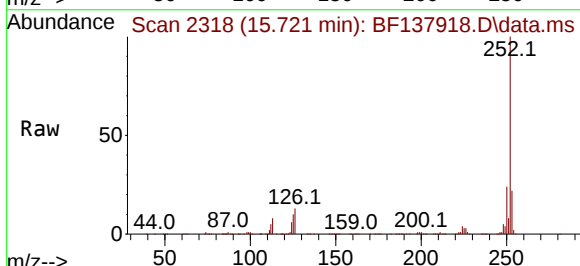
RT: 15.721 min Scan# 2318

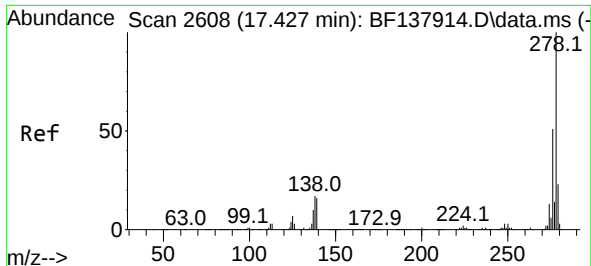
Delta R.T. 0.000 min

Lab File: BF137918.D

Acq: 14 May 2024 15:12

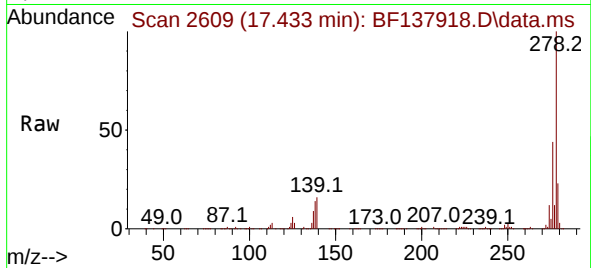
Tgt Ion:252 Resp: 467521
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.6
 125 10.4 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 41.112 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.006 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12

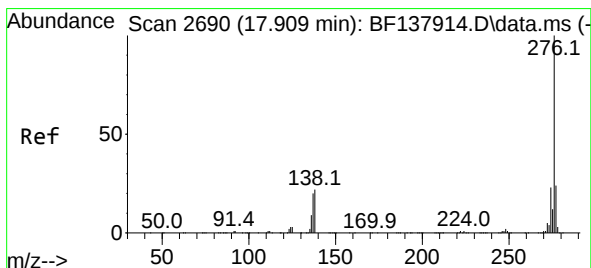
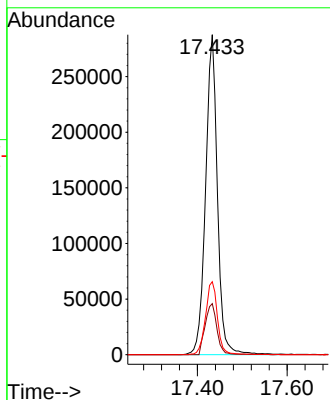
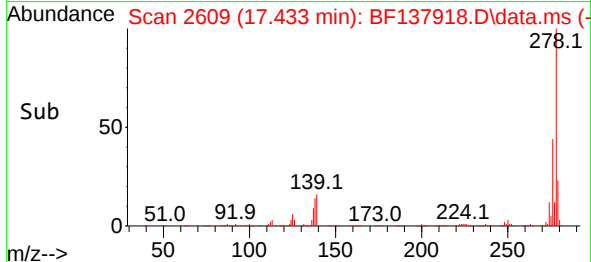
Instrument :
BNA_F
ClientSampleId :
ICVBF051424



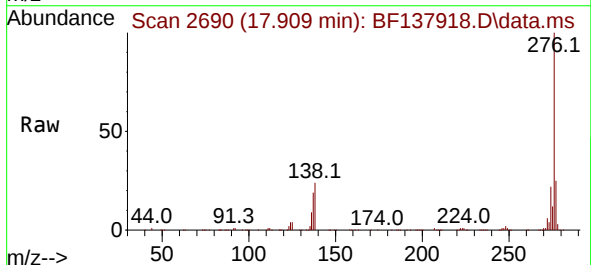
Tgt Ion:278 Resp: 52567
Ion Ratio Lower Upper
278 100
139 16.0 13.1 19.7
279 22.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024



#92
Benzo(g,h,i)perylene
Concen: 40.612 ng
RT: 17.909 min Scan# 2690
Delta R.T. 0.000 min
Lab File: BF137918.D
Acq: 14 May 2024 15:12



Tgt Ion:276 Resp: 545506
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 23.5 17.6 26.4

