

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137817.D
 Acq On : 02 May 2024 16:15
 Operator : CG\JU
 Sample : P2322-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMSD

Quant Time: May 02 17:11:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	143779	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	883424	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	529206	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	576511	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	304625	20.000	ng	0.00
86) Perylene-d12	15.821	264	310304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1002490	116.739	ng	0.01
7) Phenol-d6	6.675	99	1247766	114.554	ng	0.00
23) Nitrobenzene-d5	7.622	82	782427	51.456	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	589022	109.011	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2310457	70.831	ng	0.00
79) Terphenyl-d14	13.186	244	1784090	98.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	194856	50.389	ng	99
3) Pyridine	3.769	79	519067	55.461	ng	97
4) n-Nitrosodimethylamine	3.728	42	277994	65.962	ng	99
6) Aniline	6.722	93	482174	44.662	ng	97
8) 2-Chlorophenol	6.839	128	441228	47.147	ng	98
9) Benzaldehyde	6.610	77	212402	36.210	ng	96
10) Phenol	6.692	94	503498	45.112	ng	99
11) bis(2-Chloroethyl)ether	6.787	93	384008	43.941	ng	98
12) 1,3-Dichlorobenzene	6.998	146	455748	43.185	ng	99
13) 1,4-Dichlorobenzene	7.075	146	471156	44.494	ng	100
14) 1,2-Dichlorobenzene	7.228	146	444087	44.526	ng	98
15) Benzyl Alcohol	7.192	79	362748	48.157	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	501435	40.821	ng	96
17) 2-Methylphenol	7.298	107	355387	47.062	ng	98
18) Hexachloroethane	7.575	117	162032	45.262	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	286891	44.073	ng	98
20) 3+4-Methylphenols	7.451	107	452727	45.569	ng	89
22) Acetophenone	7.463	105	597640	30.080	ng	99
24) Nitrobenzene	7.639	77	440933	28.136	ng	97
25) Isophorone	7.875	82	807864	29.467	ng	99
26) 2-Nitrophenol	7.957	139	242184	34.126	ng	98
27) 2,4-Dimethylphenol	7.981	122	332267	32.521	ng	95
28) bis(2-Chloroethoxy)met...	8.081	93	477139	28.744	ng	100
29) 2,4-Dichlorophenol	8.192	162	575028	46.564	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	583248	43.324	ng	99
31) Naphthalene	8.363	128	1939554	44.179	ng	99
32) Benzoic acid	8.092	122	282721	32.076	ng	96
33) 4-Chloroaniline	8.404	127	503143	30.906	ng	99
34) Hexachlorobutadiene	8.475	225	353924	42.820	ng	99
35) Caprolactam	8.781	113	199866m	51.080	ng	
36) 4-Chloro-3-methylphenol	8.880	107	604584	46.946	ng	95
37) 2-Methylnaphthalene	9.057	142	1176414	41.396	ng	99
38) 1-Methylnaphthalene	9.157	142	1159316	41.466	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	594534	42.417	ng	99
41) Hexachlorocyclopentadiene	9.204	237	586178	102.963	ng	98
43) 2,4,6-Trichlorophenol	9.328	196	419208	43.938	ng	99

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Instrument :
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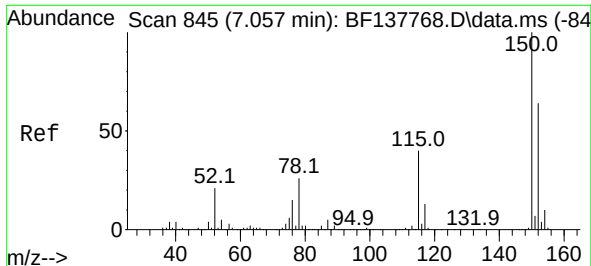
Quant Time: May 02 17:11:57 2024
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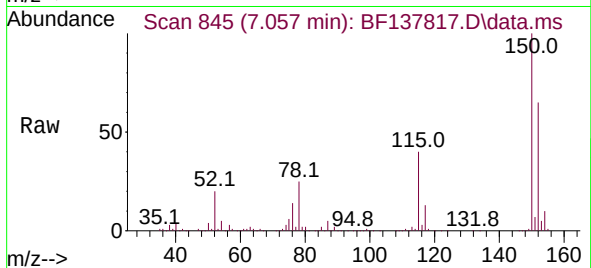
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	462801	43.930	ng	97
46) 1,1'-Biphenyl	9.522	154	1474054	40.587	ng	99
47) 2-Chloronaphthalene	9.551	162	1148065	39.154	ng	99
48) 2-Nitroaniline	9.639	65	370024	46.531	ng	99
49) Acenaphthylene	9.969	152	1992244	46.969	ng	99
50) Dimethylphthalate	9.822	163	1432009	42.864	ng	99
51) 2,6-Dinitrotoluene	9.880	165	349538	45.782	ng	99
52) Acenaphthene	10.139	154	1383768	49.218	ng	99
53) 3-Nitroaniline	10.057	138	289168	36.168	ng	99
54) 2,4-Dinitrophenol	10.157	184	411309	109.641	ng	# 90
55) Dibenzofuran	10.316	168	1836342	44.883	ng	98
56) 4-Nitrophenol	10.210	139	532270	80.324	ng	98
57) 2,4-Dinitrotoluene	10.292	165	481500	48.274	ng	88
58) Fluorene	10.657	166	1364194	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.427	232	397970	46.530	ng	99
60) Diethylphthalate	10.522	149	1365418	43.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	650923	40.571	ng	100
62) 4-Nitroaniline	10.675	138	314110	38.733	ng	95
63) Azobenzene	10.804	77	1397595	45.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	261338	78.978	ng	87
66) n-Nitrosodiphenylamine	10.763	169	1145063	66.353	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	292160	47.352	ng	98
68) Hexachlorobenzene	11.204	284	315418	46.780	ng	99
69) Atrazine	11.286	200	284703	54.106	ng	96
70) Pentachlorophenol	11.398	266	401942	86.830	ng	99
71) Phenanthrene	11.627	178	1336004	47.544	ng	99
72) Anthracene	11.680	178	1356766	48.526	ng	100
73) Carbazole	11.833	167	1194793	44.341	ng	99
74) Di-n-butylphthalate	12.151	149	1493069	50.796	ng	99
75) Fluoranthene	12.821	202	1306564	42.536	ng	98
77) Benzidine	12.939	184	514119	72.974	ng	98
78) Pyrene	13.051	202	1296482	53.678	ng	99
80) Butylbenzylphthalate	13.657	149	518963	67.720	ng	98
81) Benzo(a)anthracene	14.239	228	969497	49.760	ng	98
82) 3,3'-Dichlorobenzidine	14.198	252	240261	41.192	ng	100
83) Chrysene	14.280	228	899052	49.282	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	684494	70.873	ng	100
85) Di-n-octyl phthalate	14.839	149	986297	75.882	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	938713	53.210	ng	98
88) Benzo(b)fluoranthene	15.351	252	872961	45.216	ng	99
89) Benzo(k)fluoranthene	15.386	252	794695	42.588	ng	98
90) Benzo(a)pyrene	15.757	252	785768	49.888	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	753458	52.470	ng	99
92) Benzo(g,h,i)perylene	17.974	276	716693	47.609	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

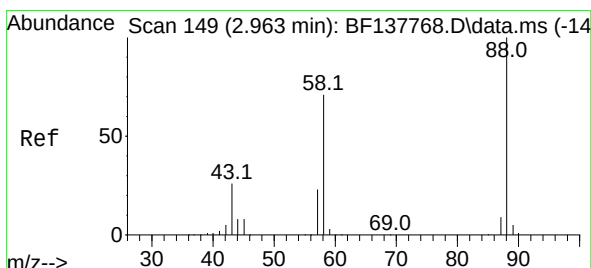
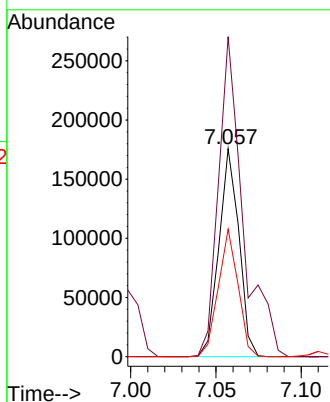
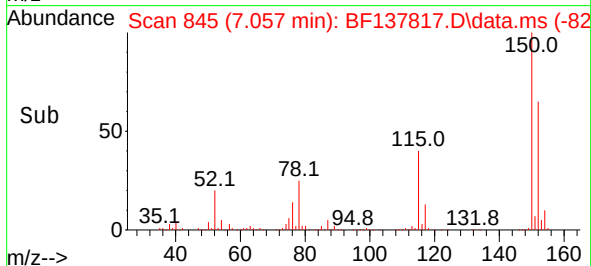
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



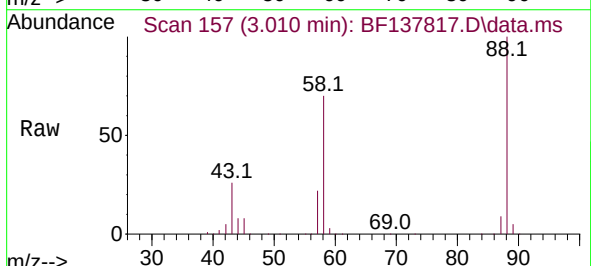
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Ion Ratio Lower Upper
152 100
150 153.8 124.1 186.1
115 61.3 49.1 73.7

Manual Integrations
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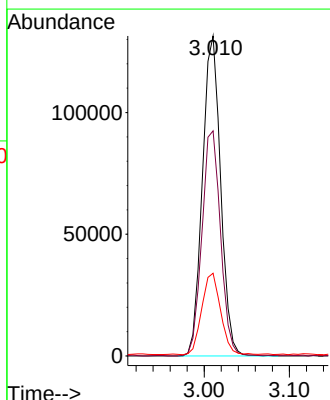
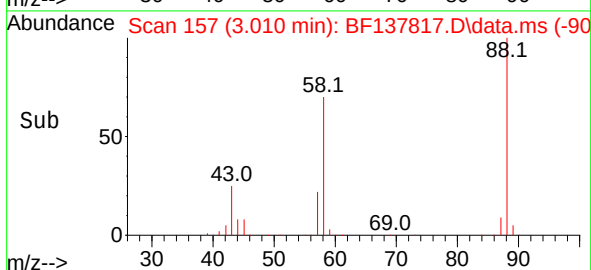
Reviewed By :Yogesh Patel 05/03/2024
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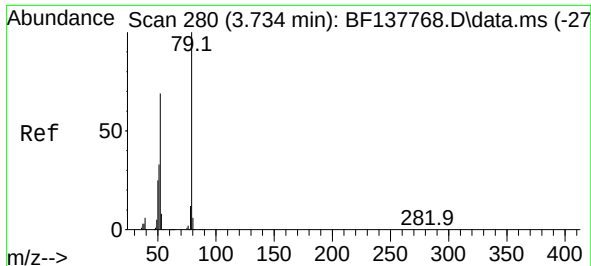


#2
1,4-Dioxane
Concen: 50.389 ng
RT: 3.010 min Scan# 157
Delta R.T. 0.047 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



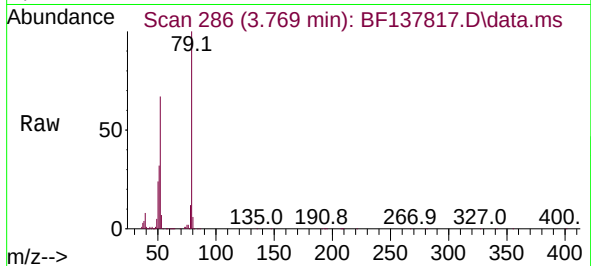
Tgt Ion: 88 Resp: 194856
Ion Ratio Lower Upper
88 100
58 72.0 58.8 88.2
43 26.4 21.4 32.0





#3
Pyridine
Concen: 55.461 ng
RT: 3.769 min Scan# 279
Delta R.T. 0.035 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

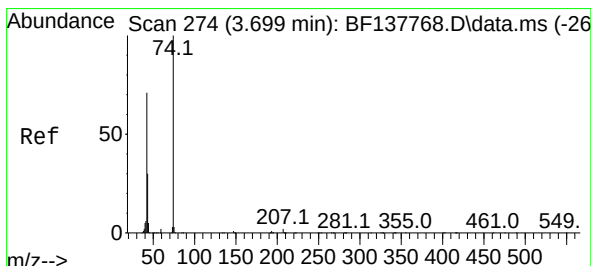
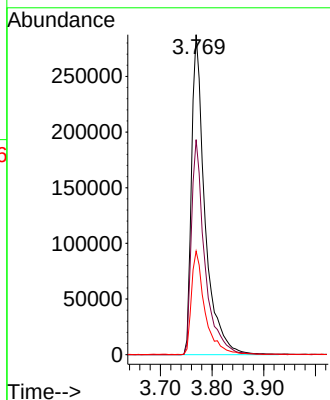
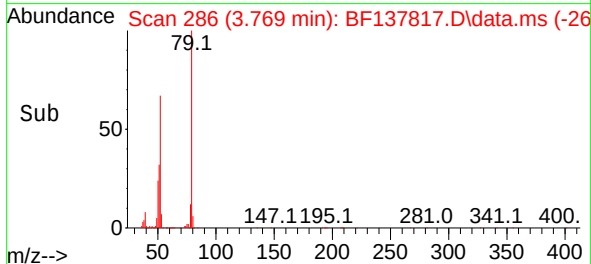
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion: 79 Resp: 51906
Ion Ratio Lower Upper
79 100
52 67.2 55.5 83.3
51 32.4 26.9 40.3

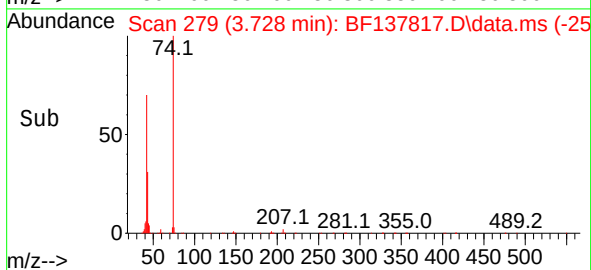
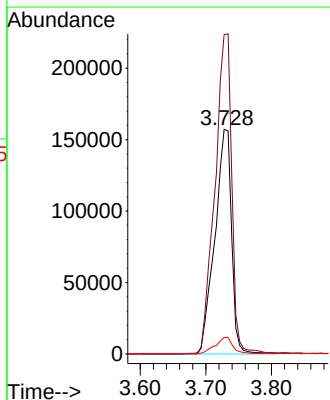
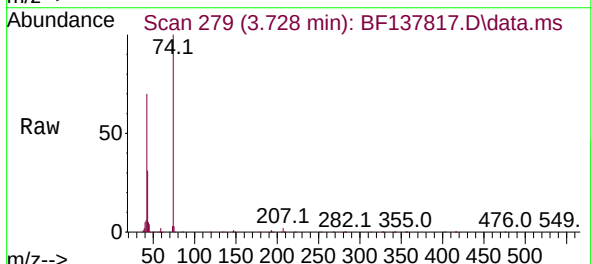
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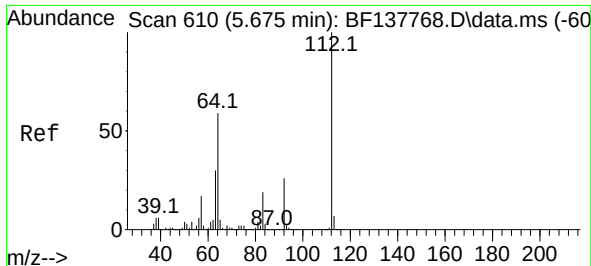
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#4
n-Nitrosodimethylamine
Concen: 65.962 ng
RT: 3.728 min Scan# 279
Delta R.T. 0.029 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

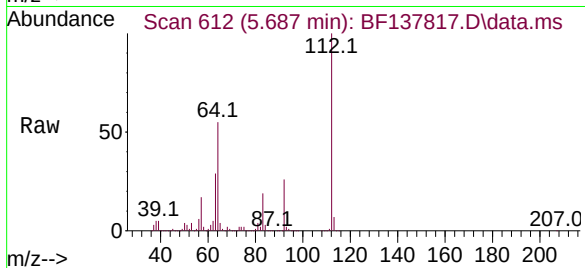
Tgt Ion: 42 Resp: 277994
Ion Ratio Lower Upper
42 100
74 142.2 112.9 169.3
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 116.739 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

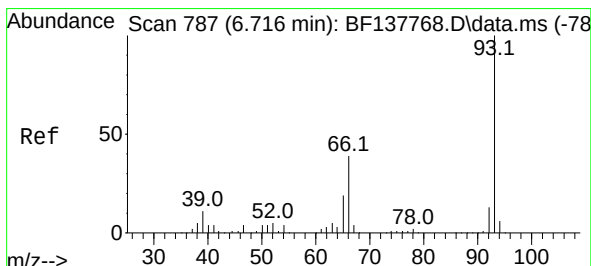
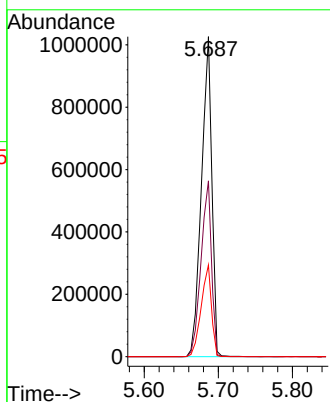
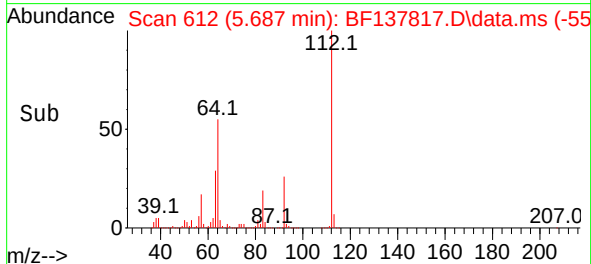
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:112 Resp: 1002490
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.6 23.7 35.5

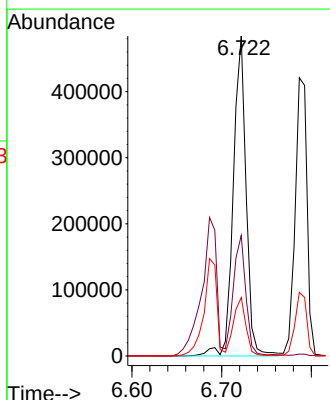
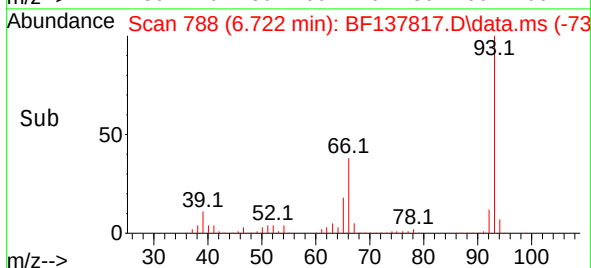
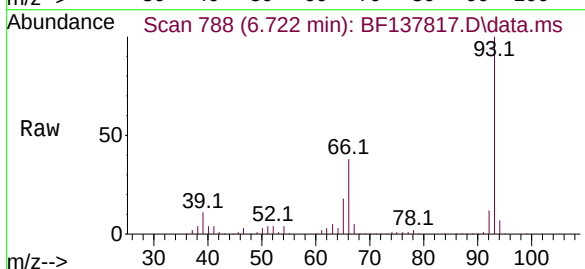
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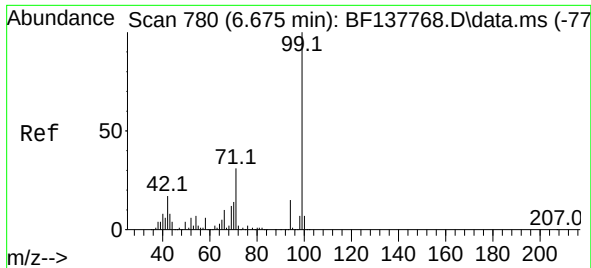
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 44.662 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

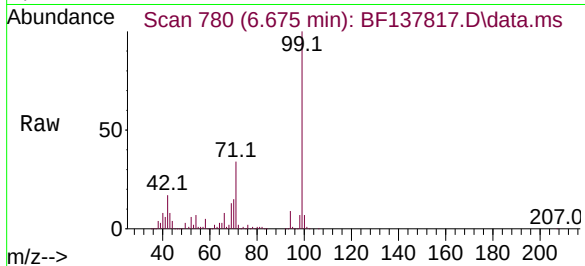
Tgt Ion: 93 Resp: 482174
Ion Ratio Lower Upper
93 100
66 37.7 31.8 47.6
65 18.3 15.4 23.2





#7
Phenol-d6
Concen: 114.554 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

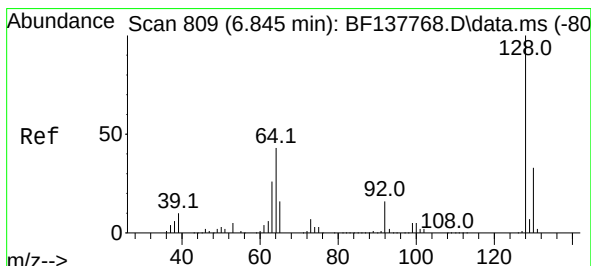
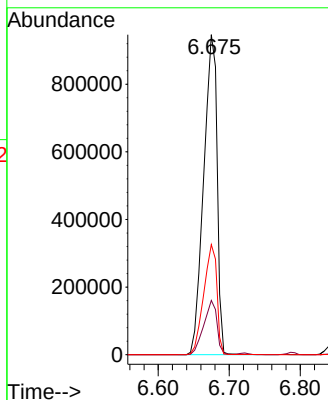
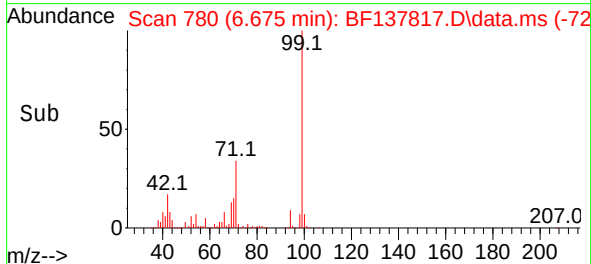
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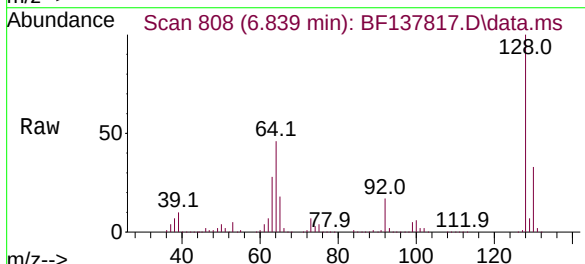
Tgt Ion: 99 Resp: 1247760
Ion Ratio Lower Upper
99 100
42 17.0 13.2 19.8
71 34.4 25.0 37.4

Manual Integrations
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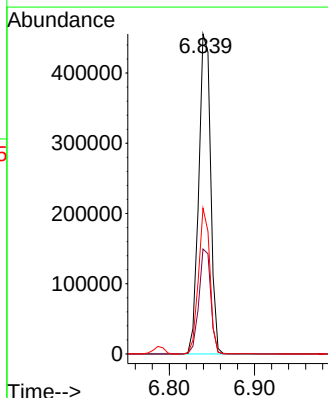
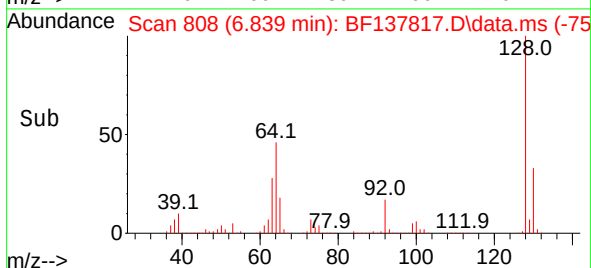
Reviewed By :Yogesh Patel 05/03/2024
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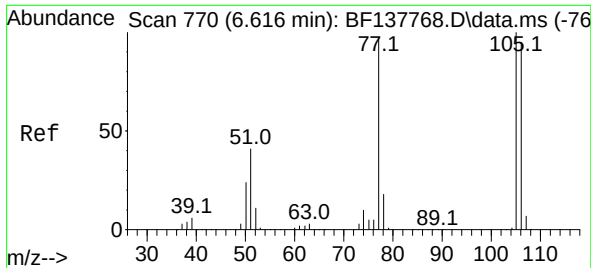


#8
2-Chlorophenol
Concen: 47.147 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



Tgt Ion:128 Resp: 441228
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 45.5 23.9 63.9





#9

Benzaldehyde

Concen: 36.210 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

Tgt Ion: 77 Resp: 21240

Ion Ratio Lower Upper

77 100

105 98.9 83.2 123.2

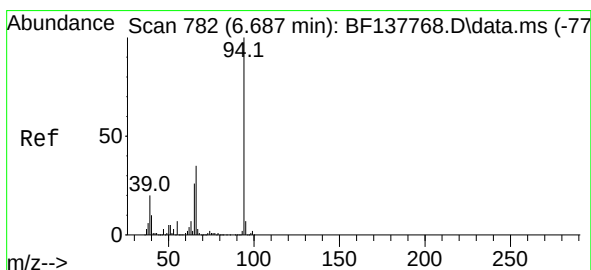
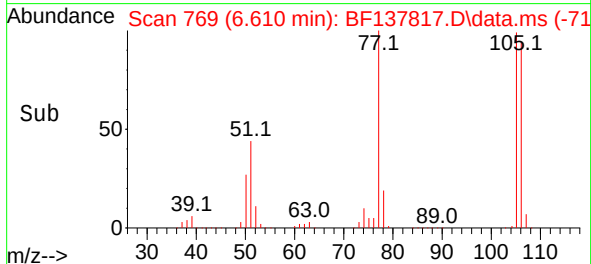
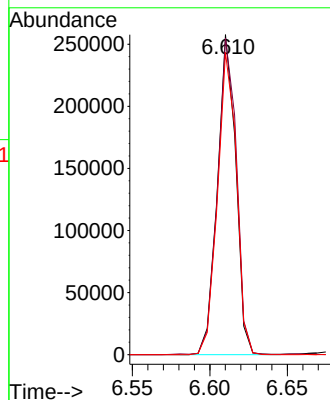
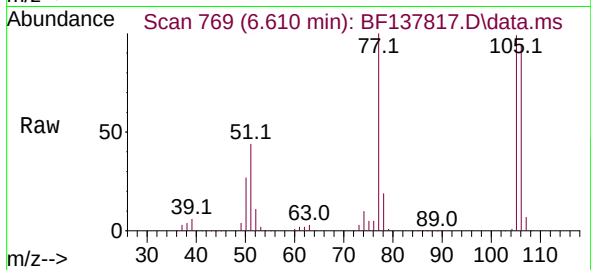
106 94.4 77.7 117.7

Manual Integrations

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Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#10

Phenol

Concen: 45.112 ng

RT: 6.692 min Scan# 783

Delta R.T. 0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

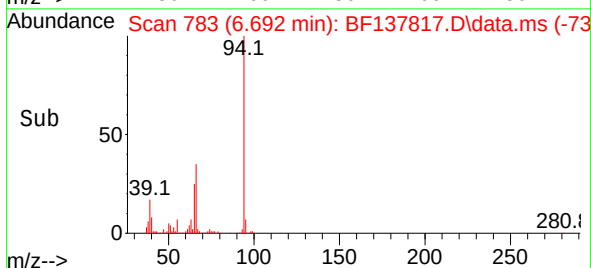
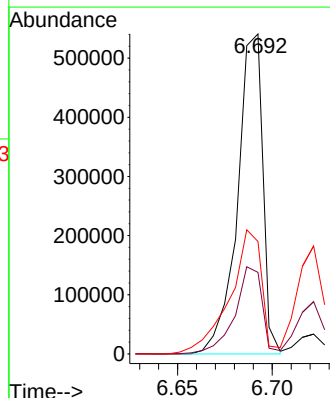
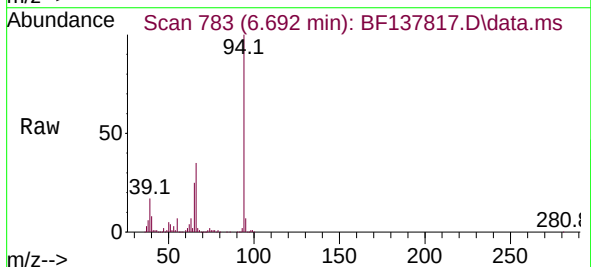
Tgt Ion: 94 Resp: 503498

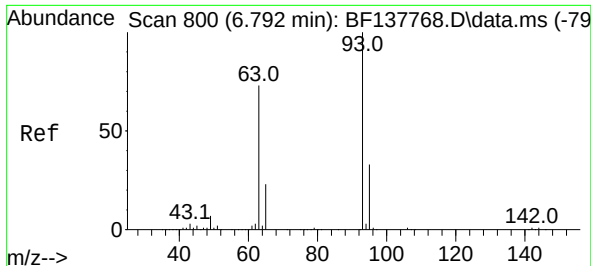
Ion Ratio Lower Upper

94 100

65 25.5 6.4 46.4

66 35.1 15.4 55.4





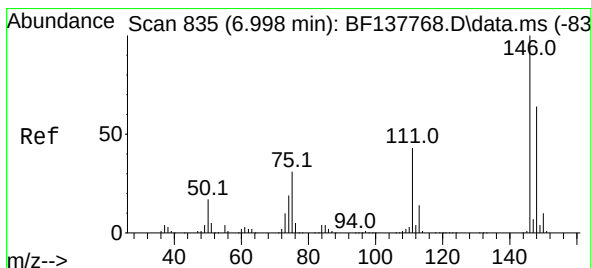
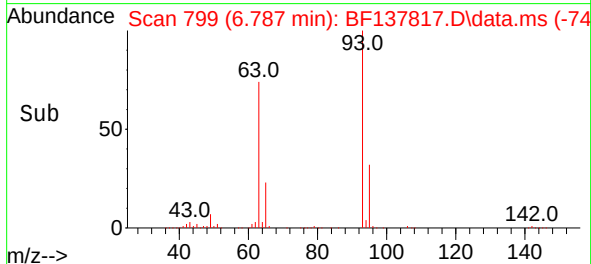
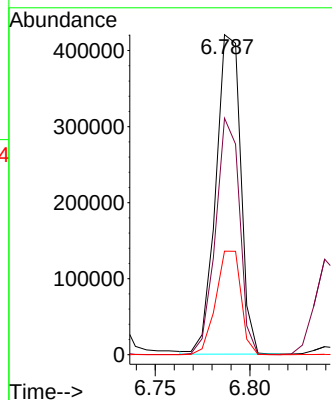
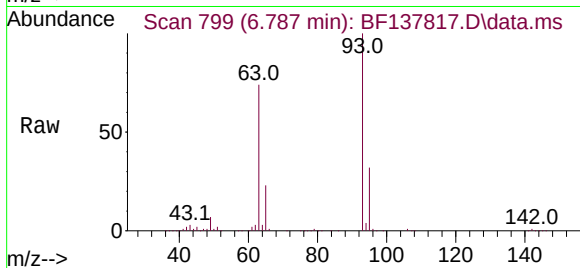
#11
bis(2-Chloroethyl)ether
Concen: 43.941 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD

Tgt Ion: 93 Resp: 384008
Ion Ratio Lower Upper
93 100
63 73.9 51.6 91.6
95 32.4 12.1 52.1

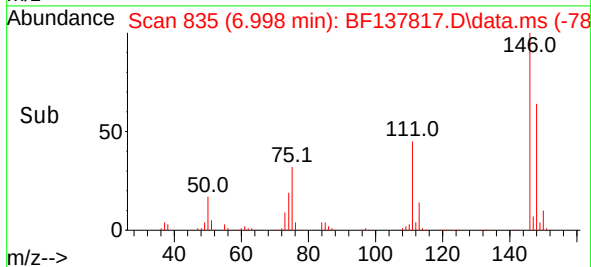
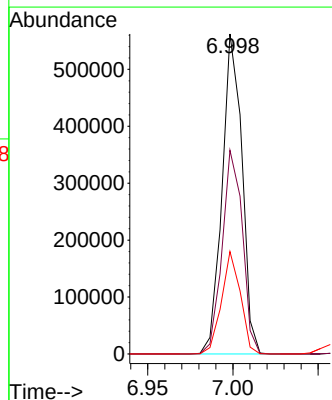
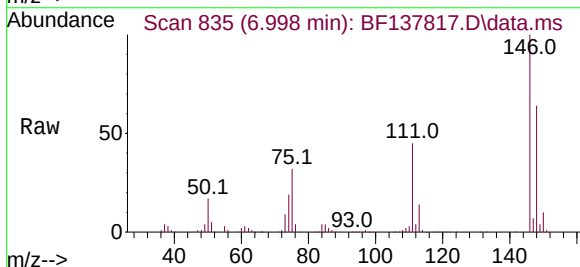
Manual Integrations
APPROVED

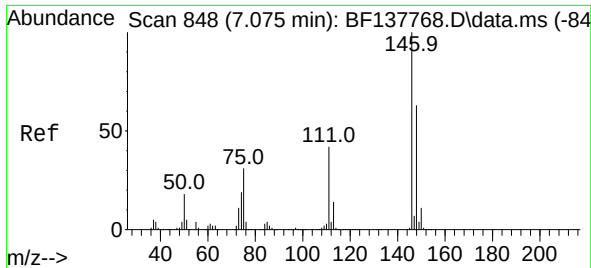
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 43.185 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

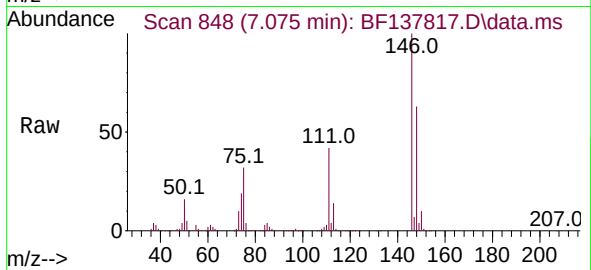
Tgt Ion:146 Resp: 455748
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 32.0 25.1 37.7





#13
1,4-Dichlorobenzene
Concen: 44.494 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

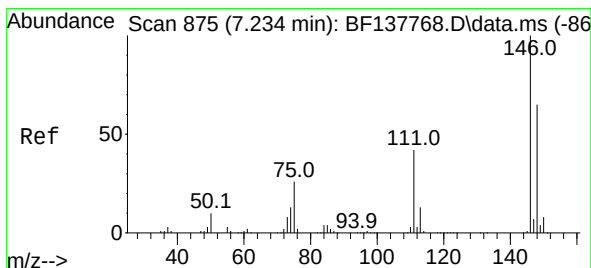
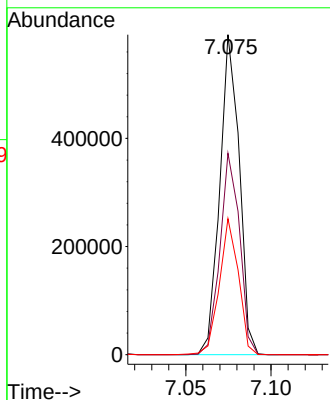
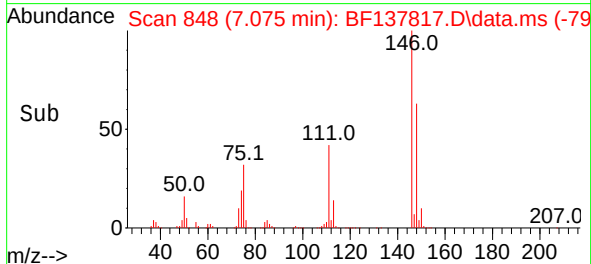
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



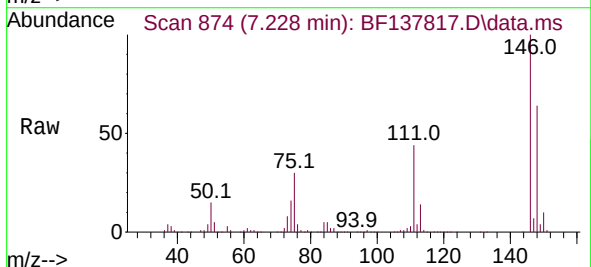
Tgt Ion:146 Resp: 471150
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 42.5 33.8 50.8

Manual Integrations
APPROVED

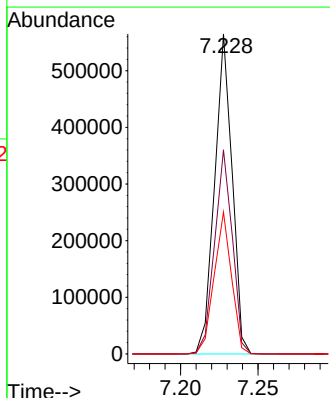
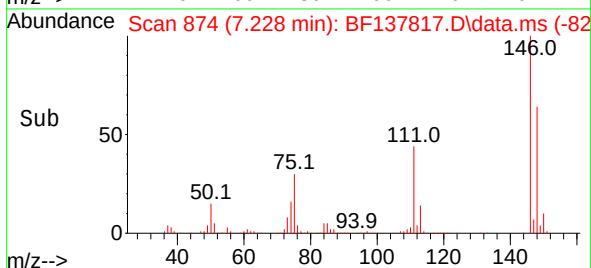
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

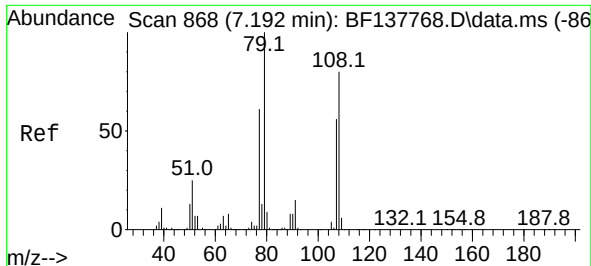


#14
1,2-Dichlorobenzene
Concen: 44.526 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



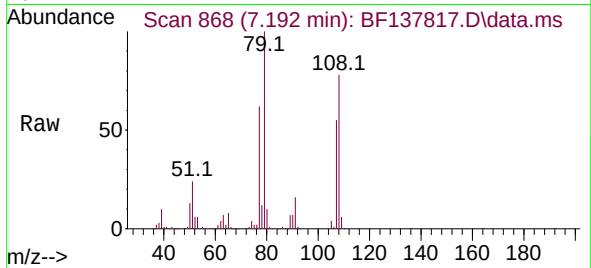
Tgt Ion:146 Resp: 444087
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 44.4 33.6 50.4





#15
Benzyl Alcohol
Concen: 48.157 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

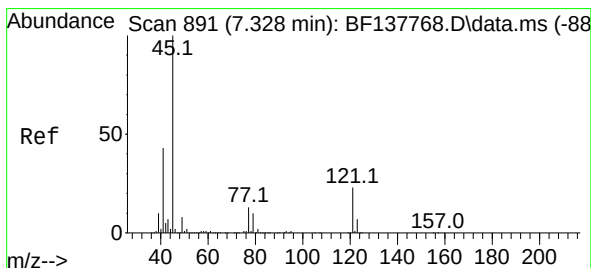
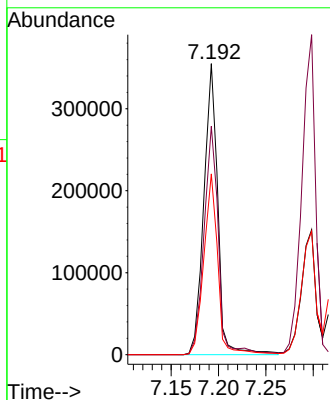
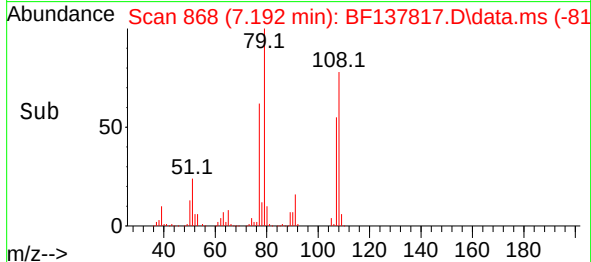
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



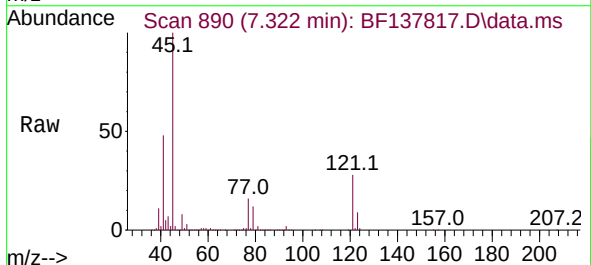
Tgt Ion: 79 Resp: 362748
Ion Ratio Lower Upper
79 100
108 78.5 64.2 96.2
77 62.1 48.5 72.7

Manual Integrations
APPROVED

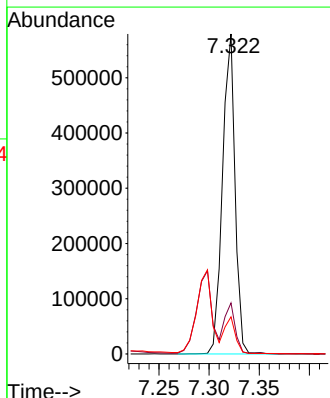
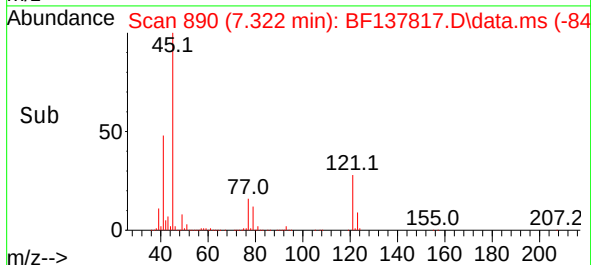
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

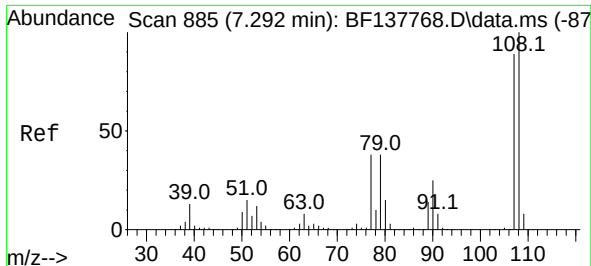


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.821 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



Tgt Ion: 45 Resp: 501435
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.8
79 11.6 0.0 31.0





#17

2-Methylphenol

Concen: 47.062 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

Tgt Ion:107 Resp: 35538

Ion Ratio Lower Upper

107 100

108 110.4 90.5 135.7

77 42.6 34.5 51.7

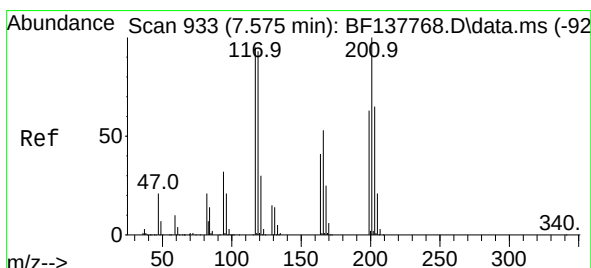
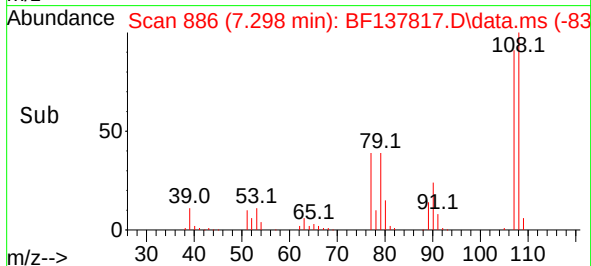
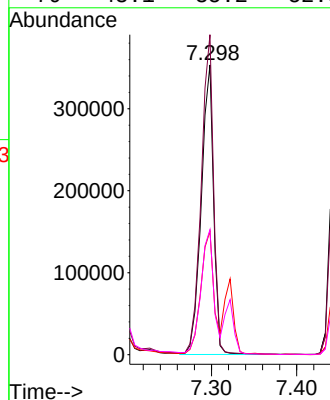
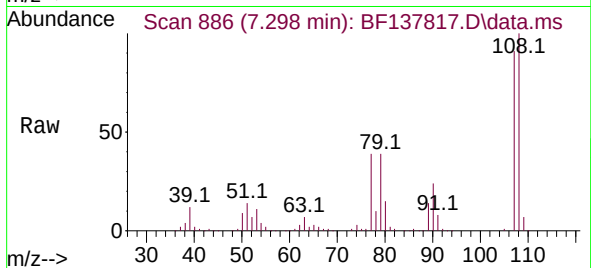
79 43.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#18

Hexachloroethane

Concen: 45.262 ng

RT: 7.575 min Scan# 933

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

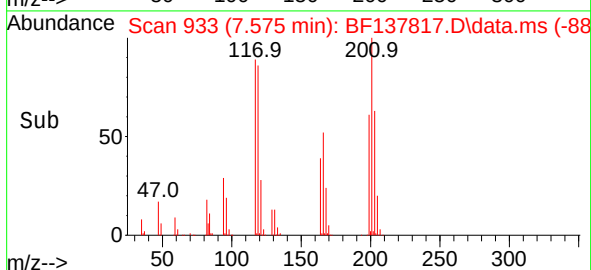
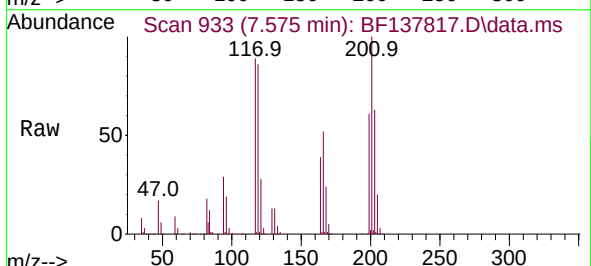
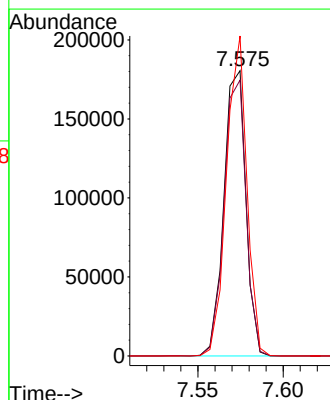
Tgt Ion:117 Resp: 162032

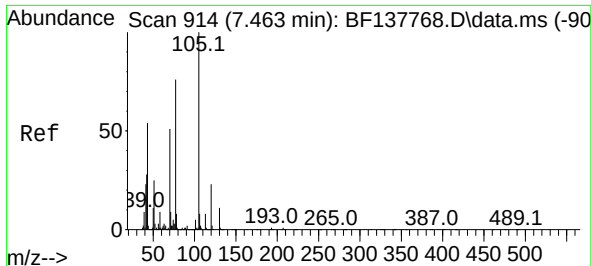
Ion Ratio Lower Upper

117 100

119 96.7 77.6 116.4

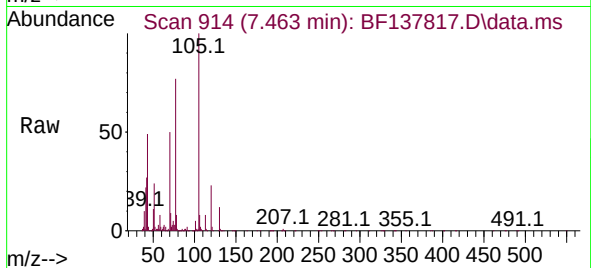
201 112.2 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.073 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

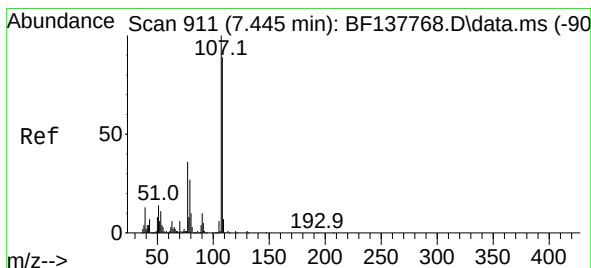
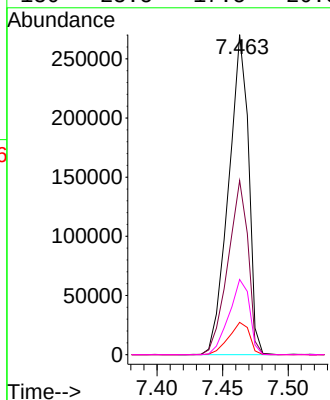
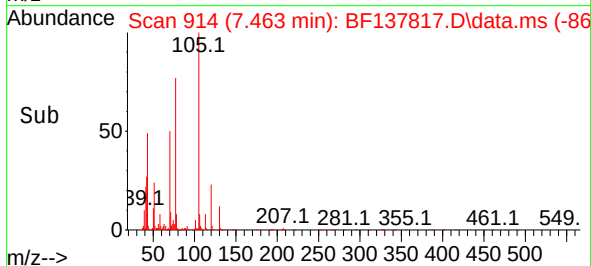
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



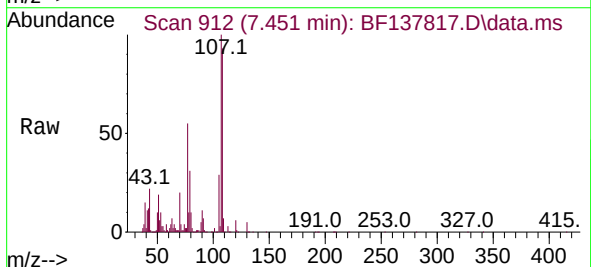
Tgt Ion: 70 Resp: 28689
Ion Ratio Lower Upper
70 100
42 54.4 44.6 66.8
101 10.1 7.8 11.6
130 23.5 17.5 26.3

Manual Integrations
APPROVED

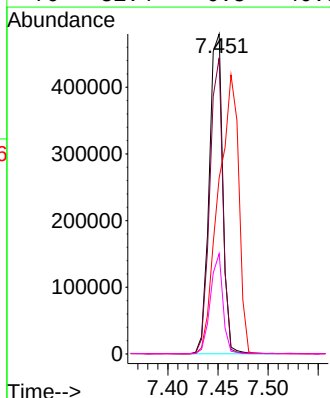
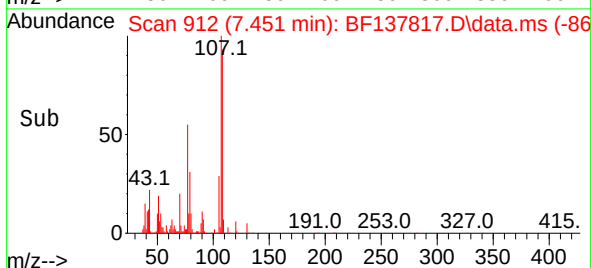
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

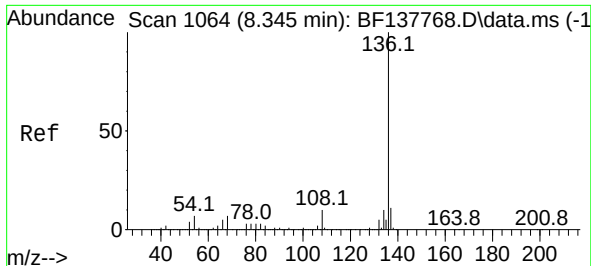


#20
3+4-Methylphenols
Concen: 45.569 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



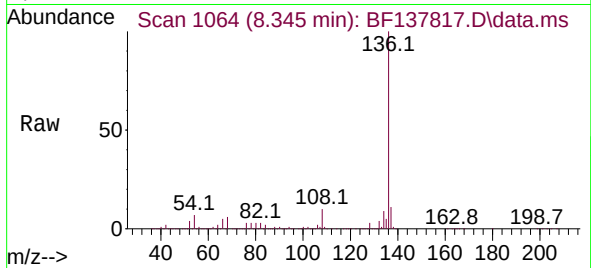
Tgt Ion:107 Resp: 452727
Ion Ratio Lower Upper
107 100
108 92.5 69.3 109.3
77 55.0 15.7 55.7
79 31.4 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

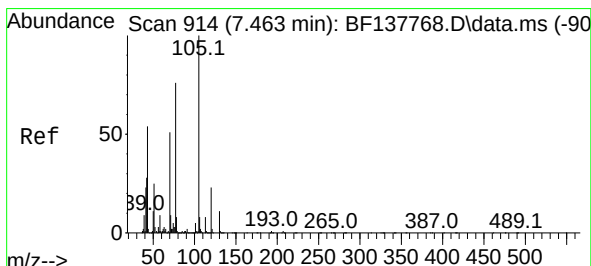
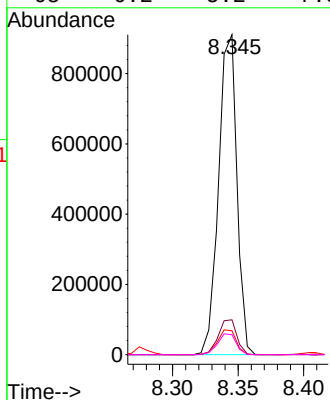
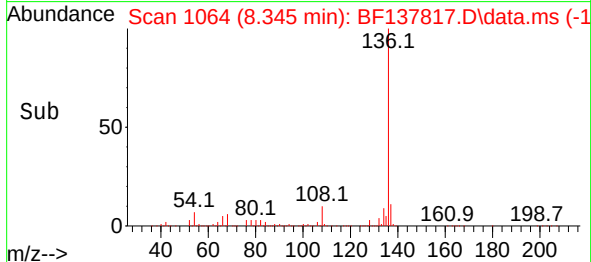
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:136 Resp: 883424
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 5.8 8.8
68 6.2 5.2 7.8

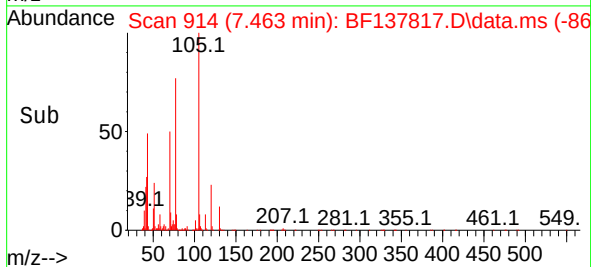
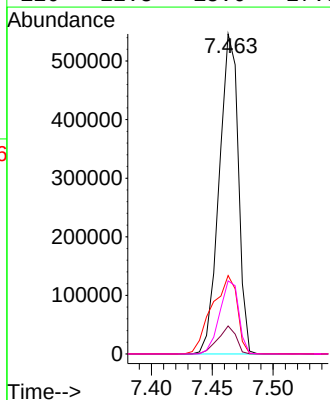
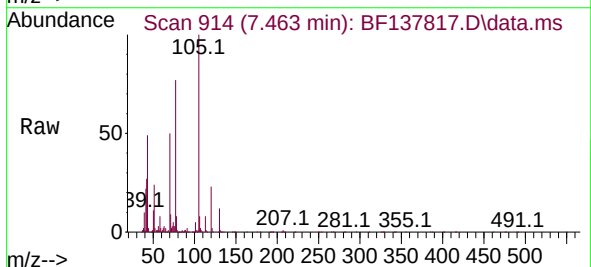
Manual Integrations
APPROVED

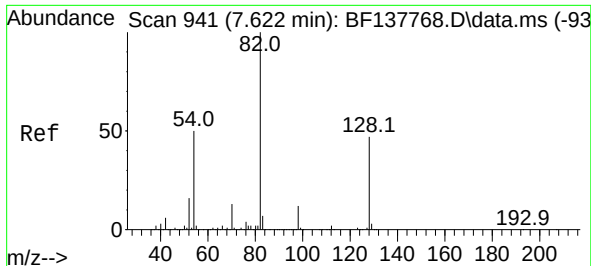
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 30.080 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:105 Resp: 597640
Ion Ratio Lower Upper
105 100
71 8.8 6.9 10.3
51 24.5 20.2 30.2
120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 51.456 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

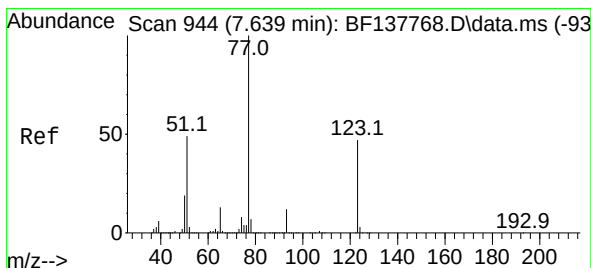
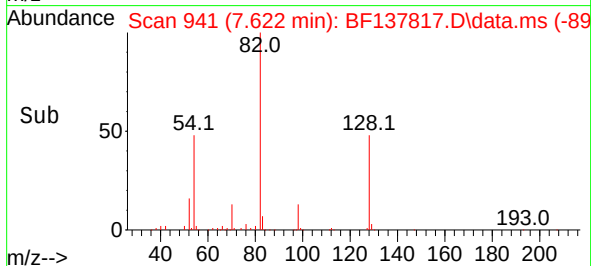
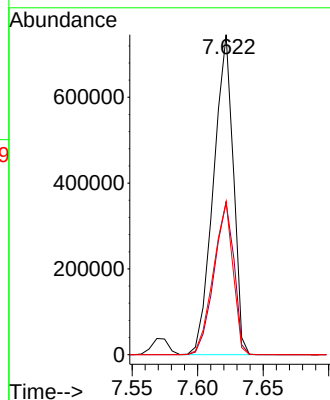
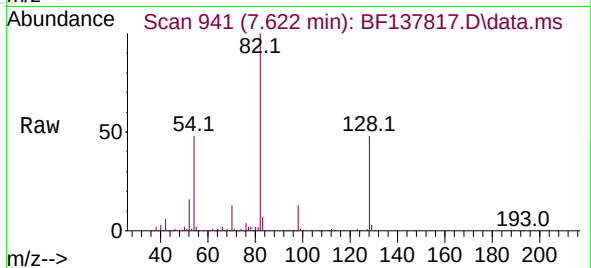
Tgt Ion:	82	Resp:	78242
Ion Ratio	Lower	Upper	
82	100		
128	47.5	37.5	56.3
54	47.8	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 28.136 ng

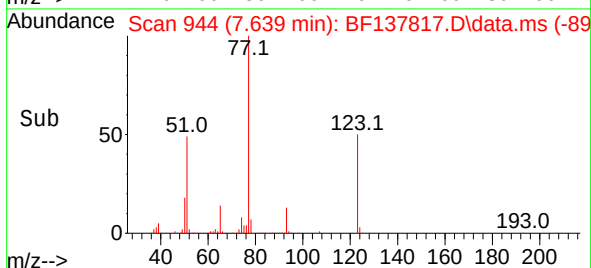
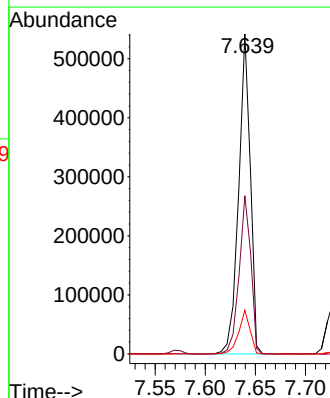
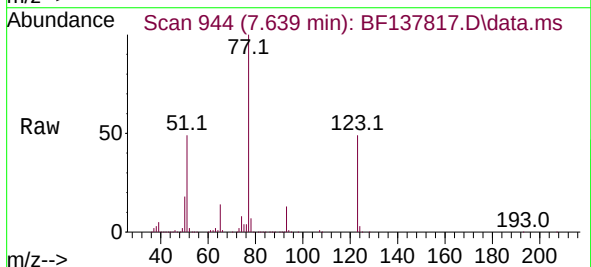
RT: 7.639 min Scan# 944

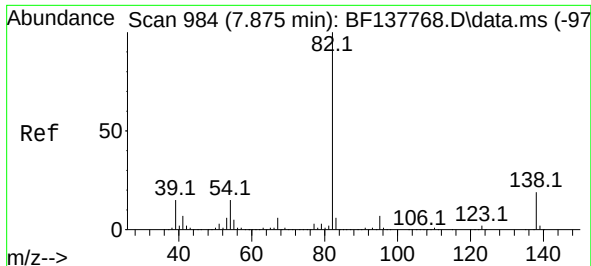
Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

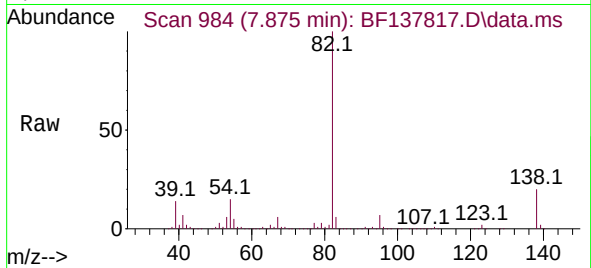
Tgt Ion:	77	Resp:	440933
Ion Ratio	Lower	Upper	
77	100		
123	49.5	37.4	56.2
65	13.7	10.7	16.1





#25
Isophorone
Concen: 29.467 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

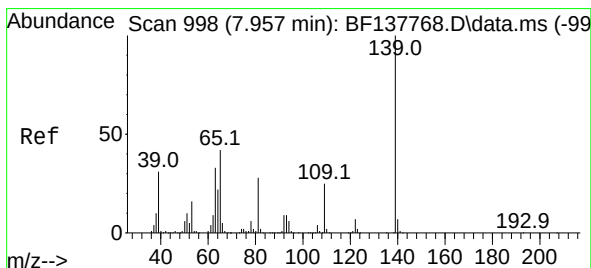
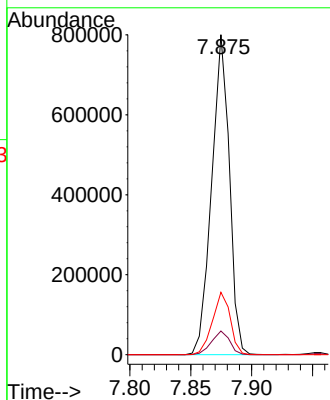
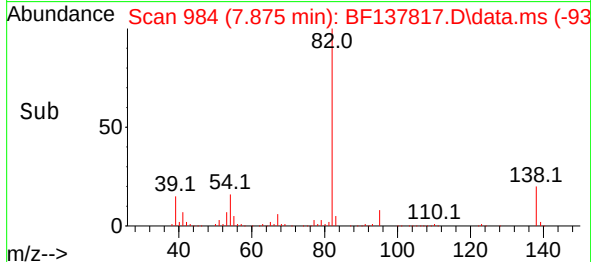
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion: 82 Resp: 807864
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.5 15.0 22.6

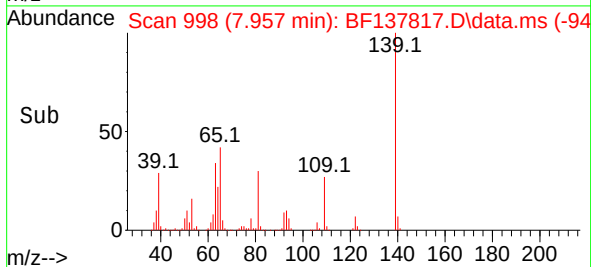
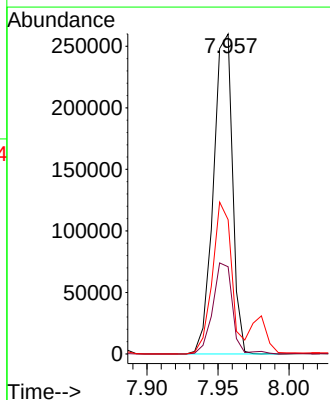
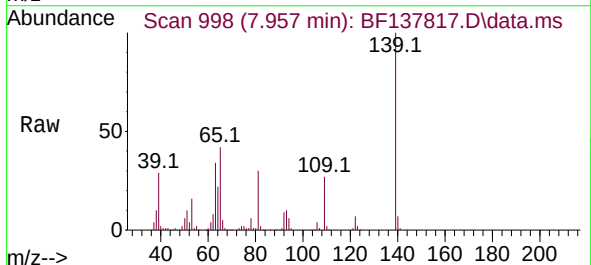
Manual Integrations
APPROVED

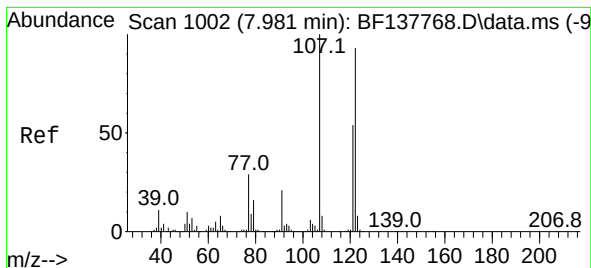
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 34.126 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:139 Resp: 242184
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 41.9 33.4 50.0





#27

2,4-Dimethylphenol

Concen: 32.521 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF137817.D

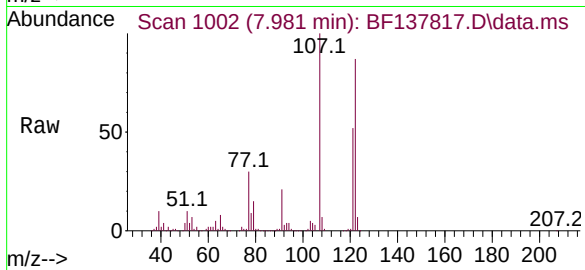
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



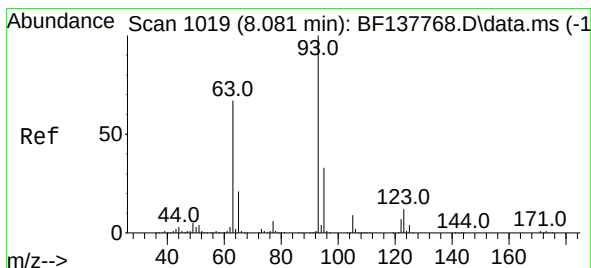
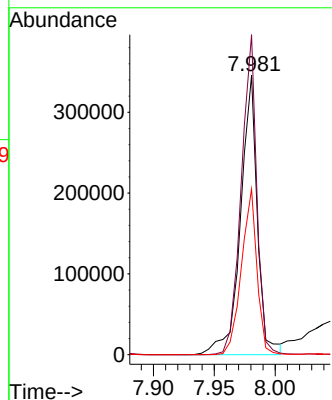
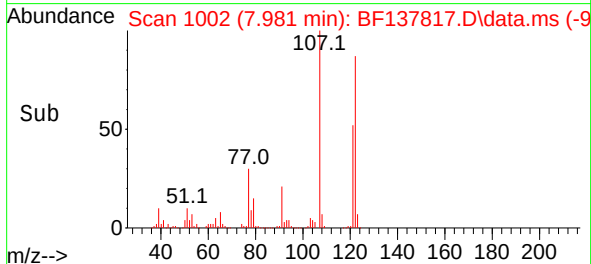
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.6	85.8	128.8
121	59.3	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 28.744 ng

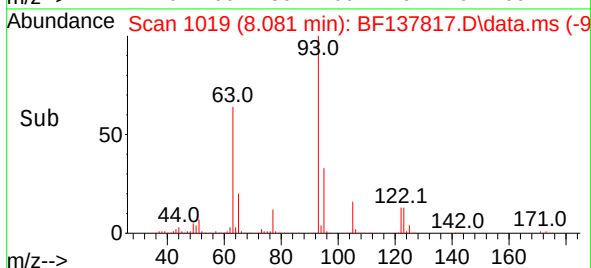
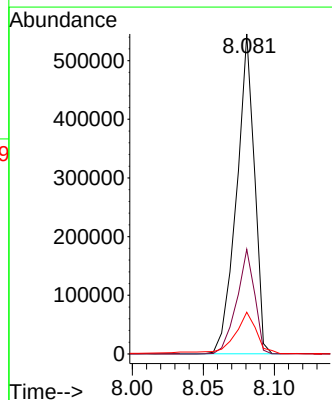
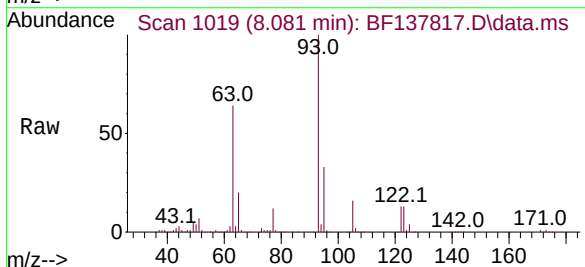
RT: 8.081 min Scan# 1019

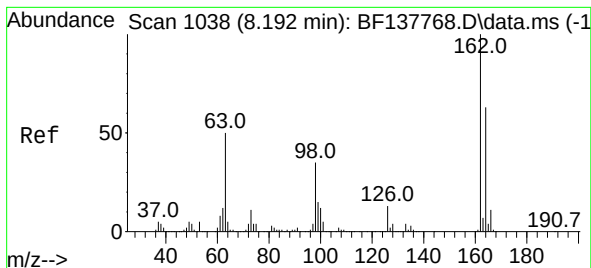
Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	13.0	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 46.564 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF137817.D

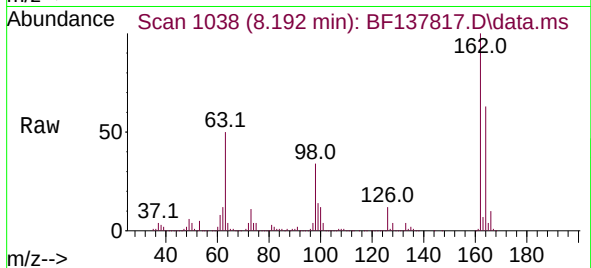
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:162 Resp: 575028

Ion Ratio Lower Upper

162 100

164 63.4 43.5 83.5

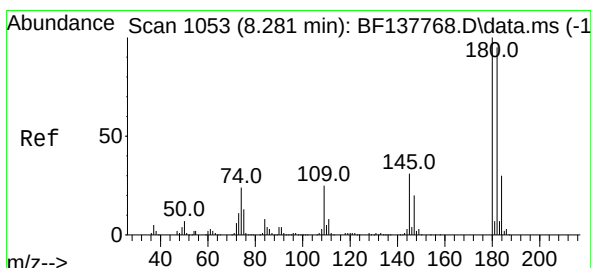
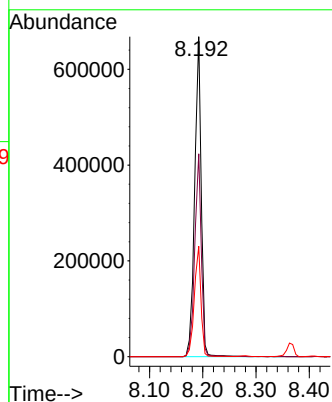
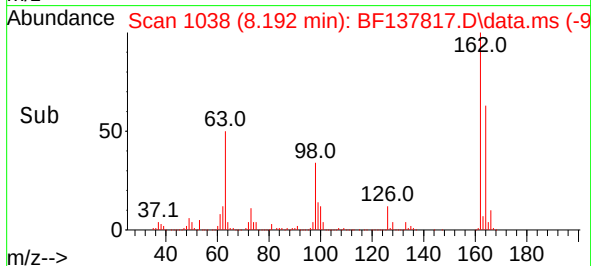
98 34.5 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.324 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

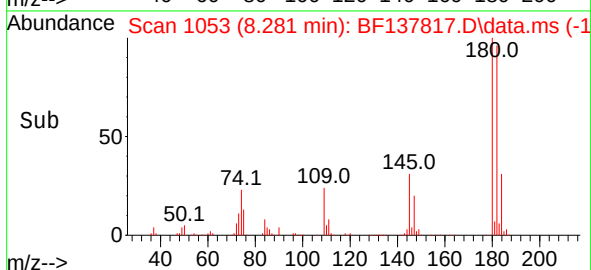
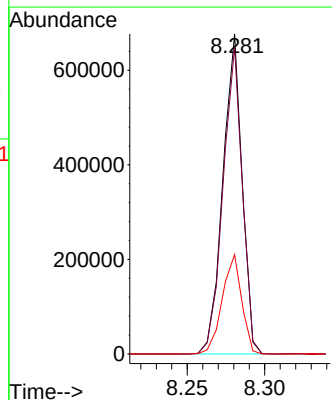
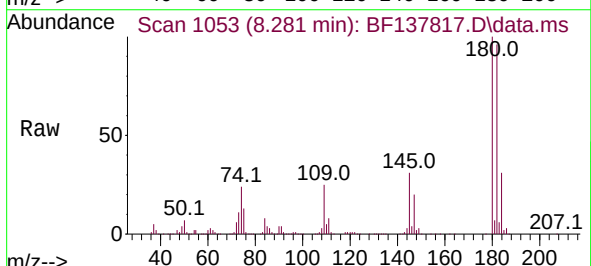
Tgt Ion:180 Resp: 583248

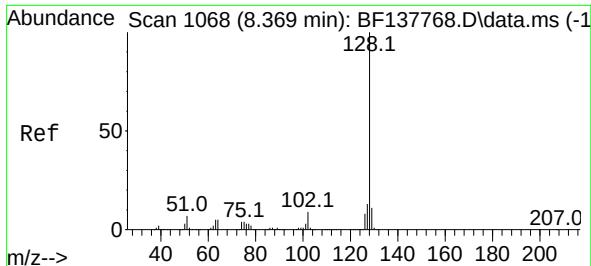
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

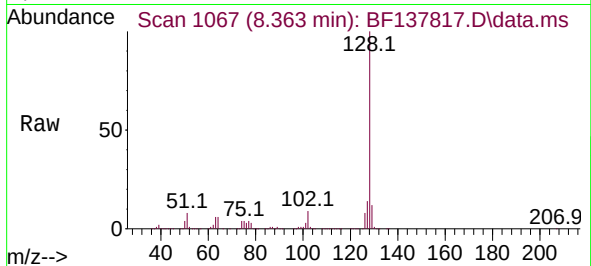
145 31.0 25.1 37.7





#31
Naphthalene
Concen: 44.179 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

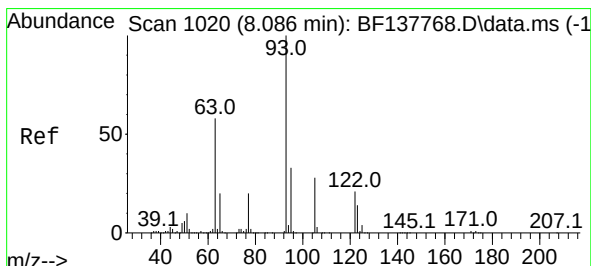
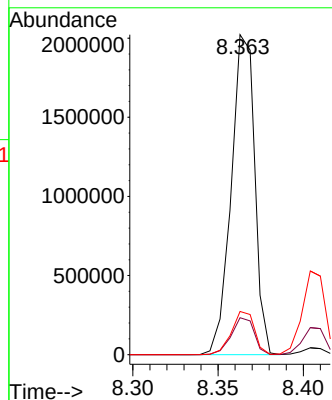
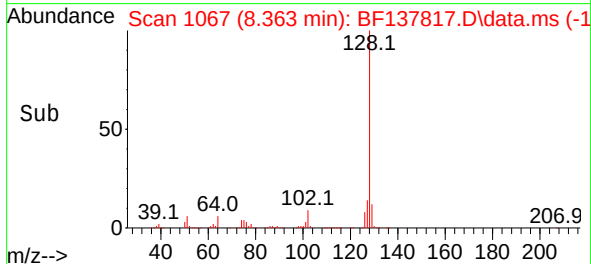
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:128 Resp: 193955
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 10.6 16.0

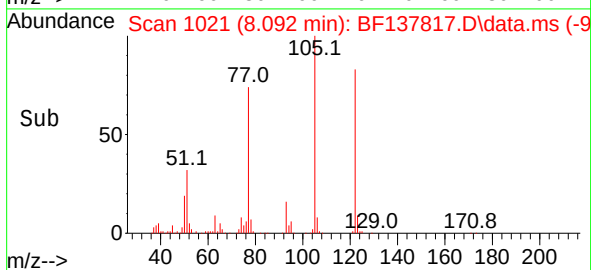
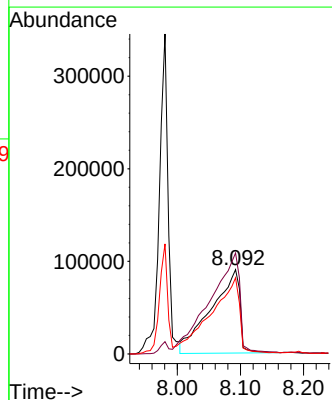
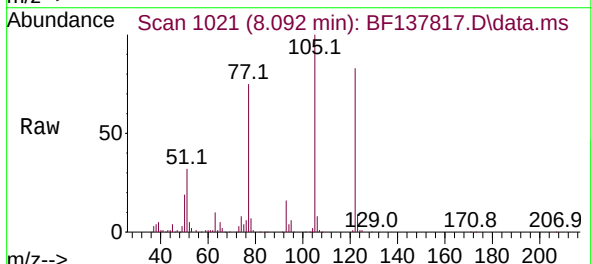
Manual Integrations
APPROVED

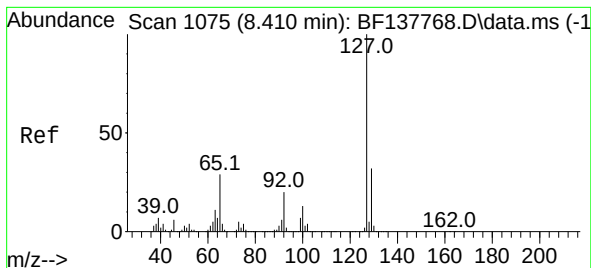
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 32.076 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

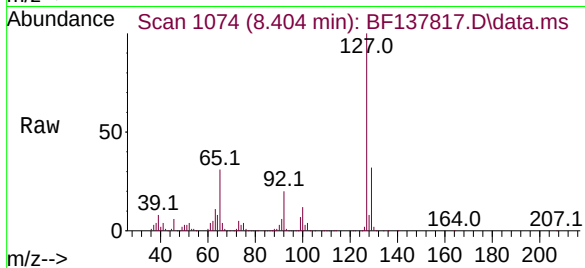
Tgt Ion:122 Resp: 282721
Ion Ratio Lower Upper
122 100
105 119.8 105.3 145.3
77 90.4 73.2 113.2





#33
4-Chloroaniline
Concen: 30.906 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

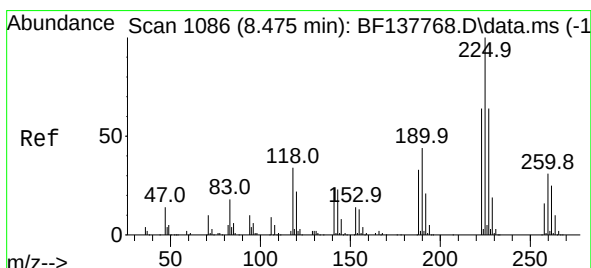
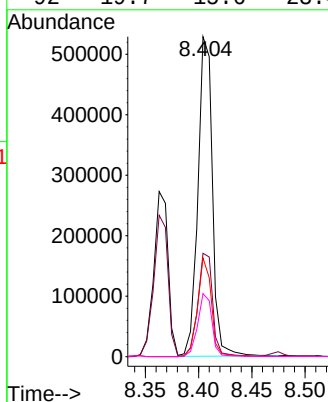
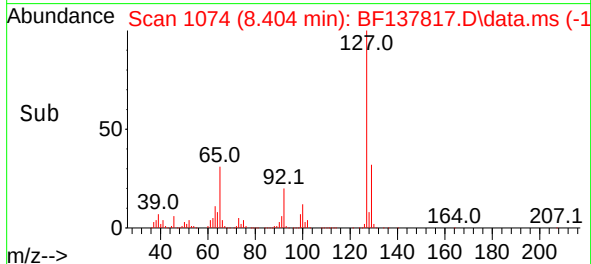
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:127 Resp: 50314
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 30.9 23.4 35.2
92 19.7 15.6 23.4

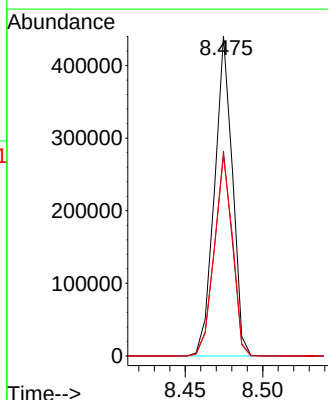
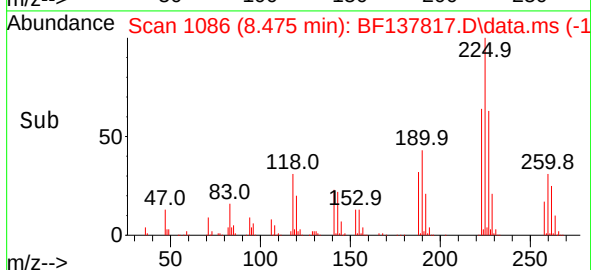
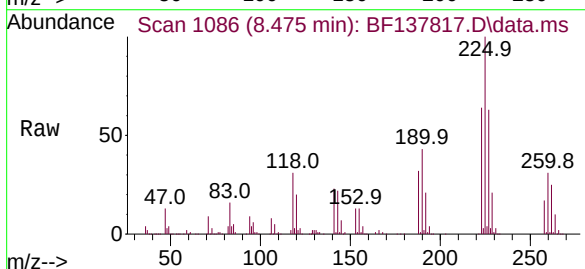
Manual Integrations
APPROVED

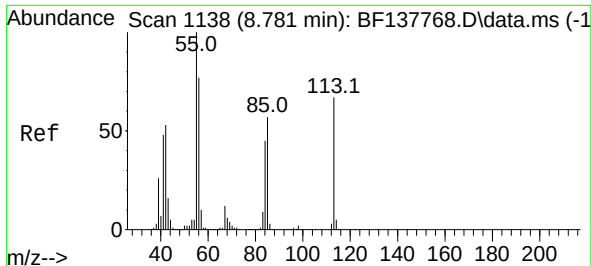
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#34
Hexachlorobutadiene
Concen: 42.820 ng
RT: 8.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

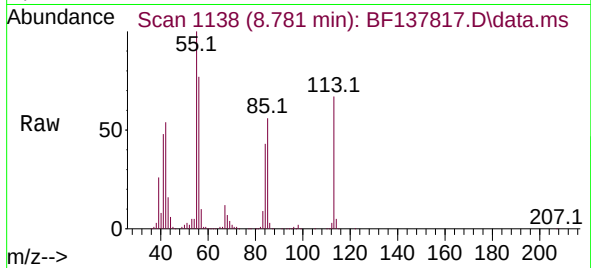
Tgt Ion:225 Resp: 353924
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 62.6 51.4 77.0





#35
Caprolactam
Concen: 51.080 ng m
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

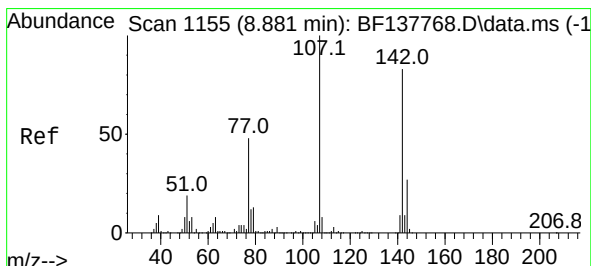
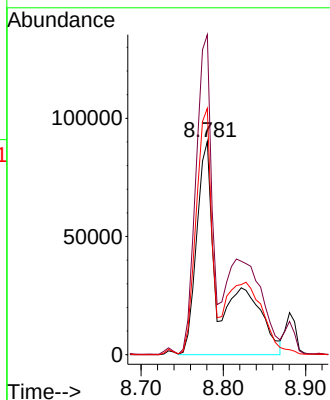
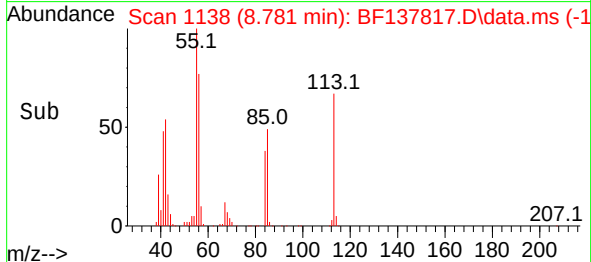
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:113 Resp: 199860
Ion Ratio Lower Upper
113 100
55 150.0 128.7 168.7
56 115.5 93.9 133.9

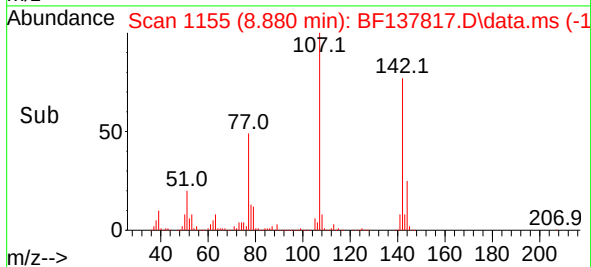
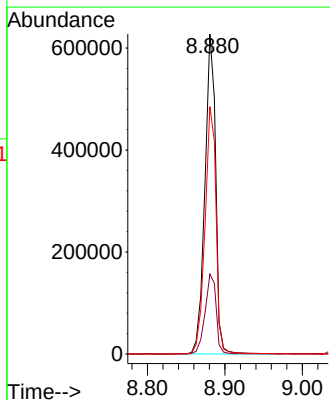
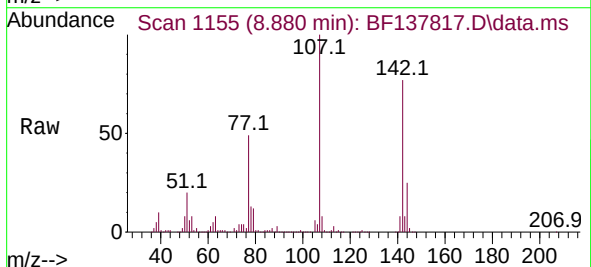
Manual Integrations
APPROVED

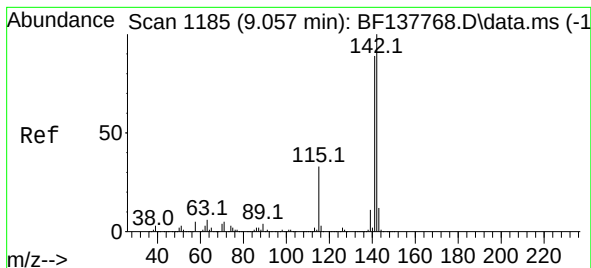
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#36
4-Chloro-3-methylphenol
Concen: 46.946 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

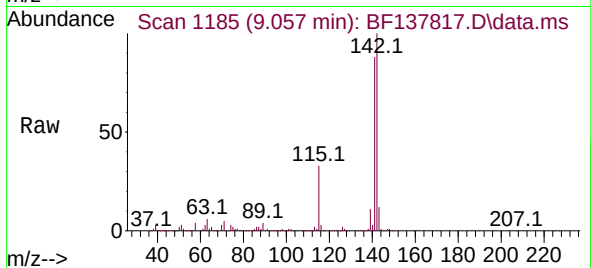
Tgt Ion:107 Resp: 604584
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 77.3 66.2 99.2





#37
2-Methylnaphthalene
Concen: 41.396 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

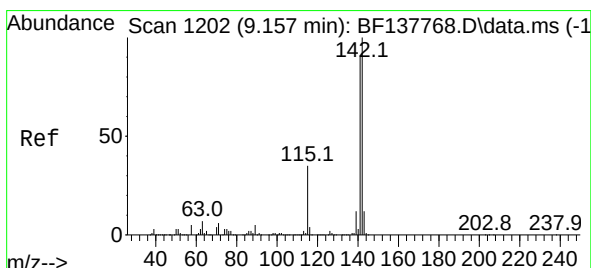
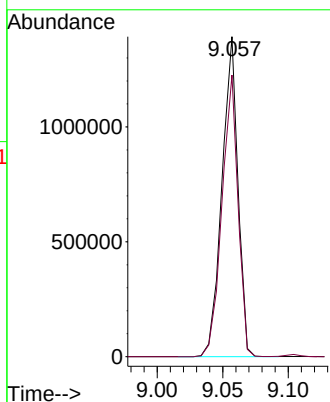
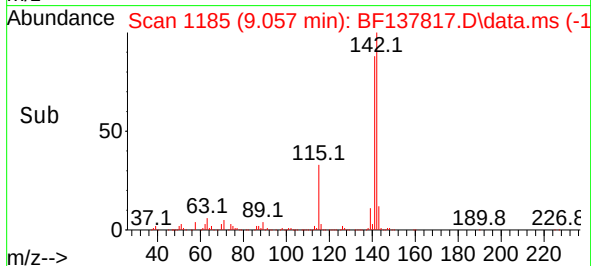
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



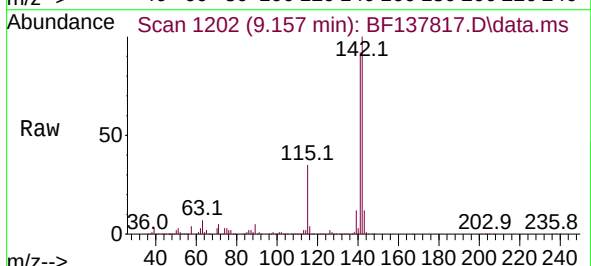
Tgt Ion:142 Resp: 1176414
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2

Manual Integrations
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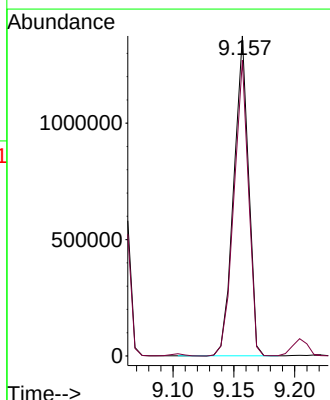
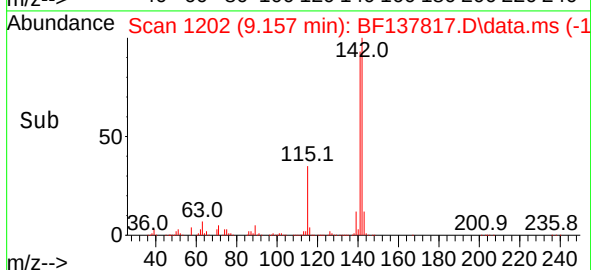
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

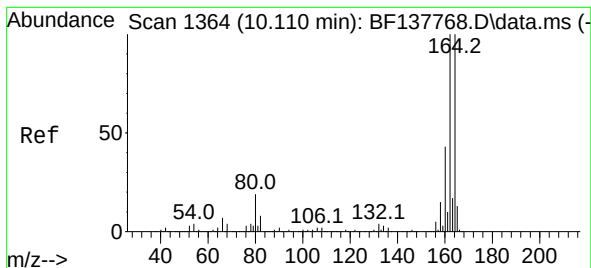


#38
1-Methylnaphthalene
Concen: 41.466 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



Tgt Ion:142 Resp: 1159316
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

Tgt Ion:164 Resp: 529200

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.6

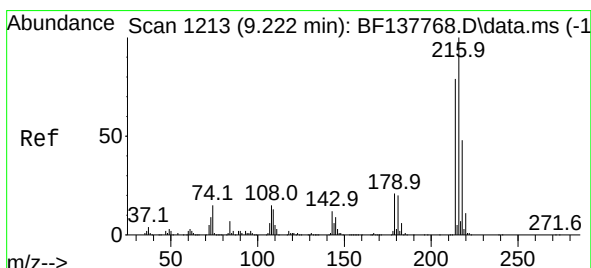
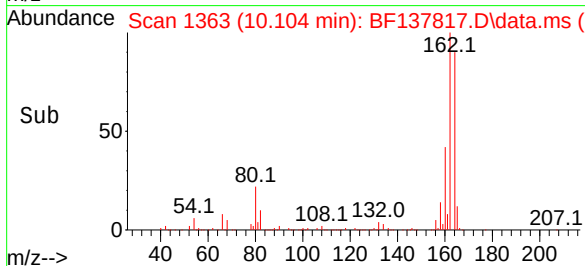
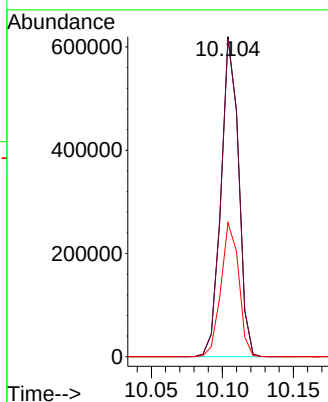
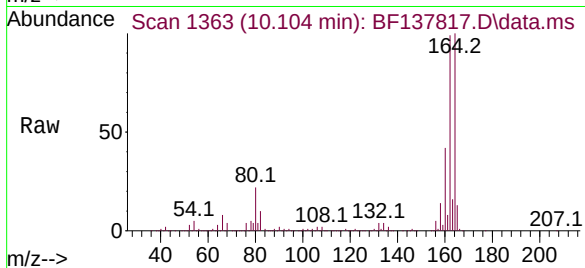
160 41.9 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.417 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Tgt Ion:216 Resp: 594534

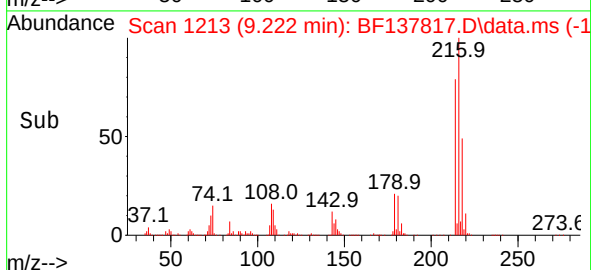
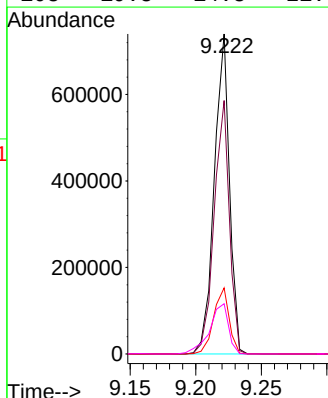
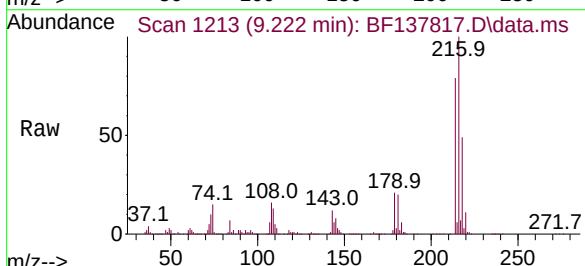
Ion Ratio Lower Upper

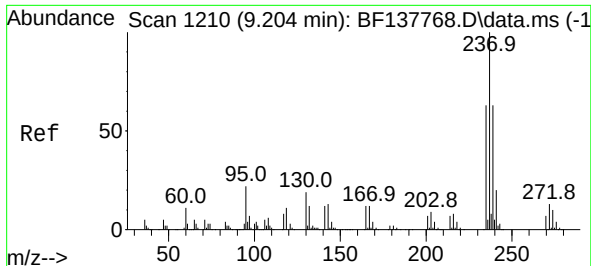
216 100

214 79.5 63.3 94.9

179 21.1 16.8 25.2

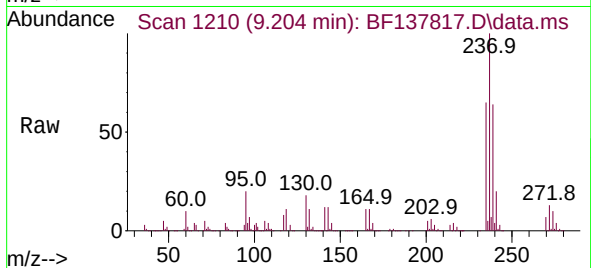
108 19.8 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 102.963 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

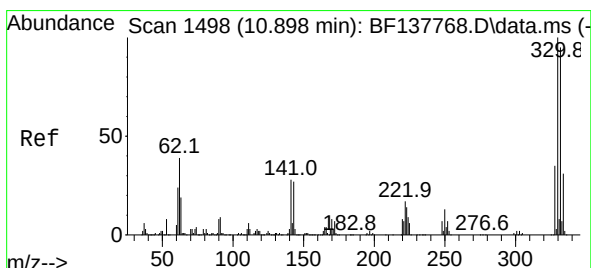
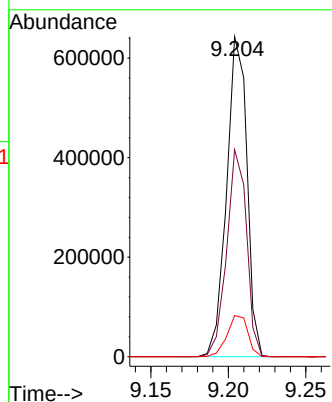
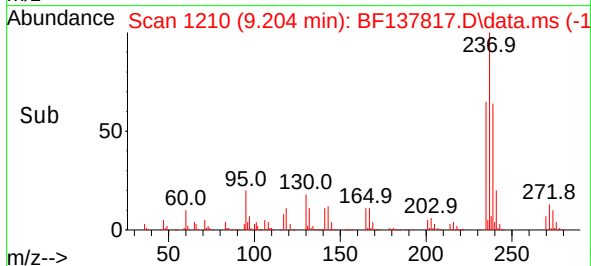
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



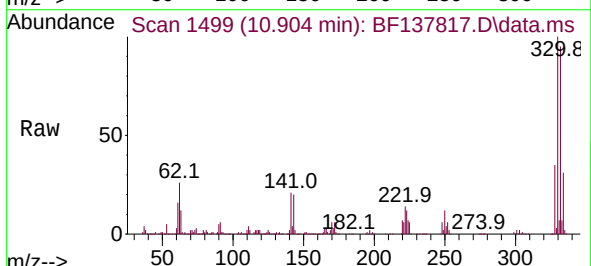
Tgt Ion:237 Resp: 586178
Ion Ratio Lower Upper
237 100
235 64.7 43.0 83.0
272 12.9 0.0 32.8

Manual Integrations
APPROVED

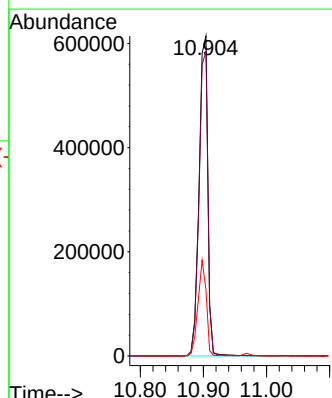
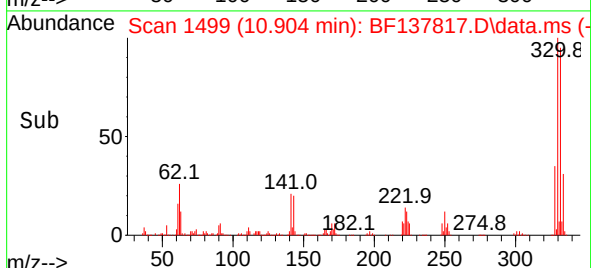
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

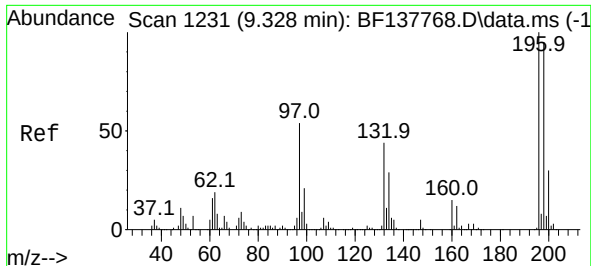


#42
2,4,6-Tribromophenol
Concen: 109.011 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



Tgt Ion:330 Resp: 589022
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 28.7 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 43.938 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF137817.D

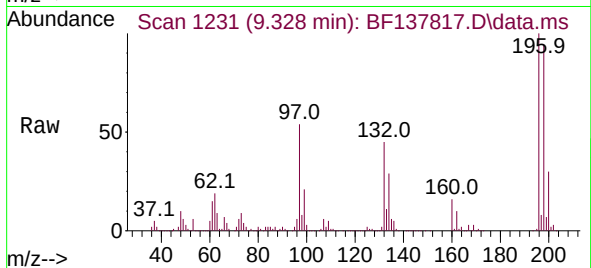
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:196 Resp: 419208

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.4

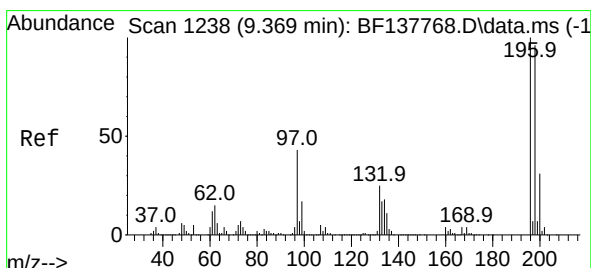
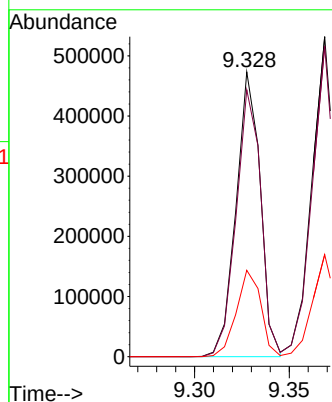
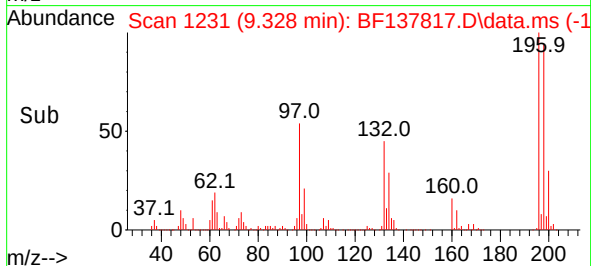
200 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 43.930 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Tgt Ion:196 Resp: 462801

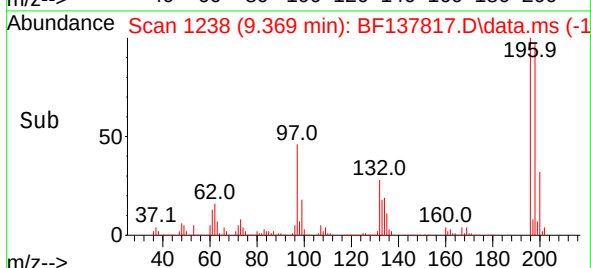
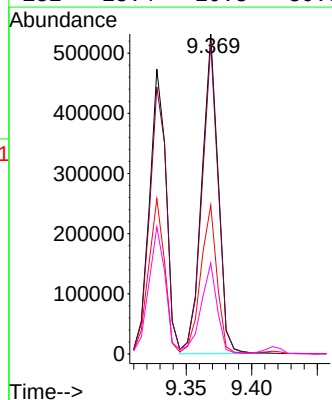
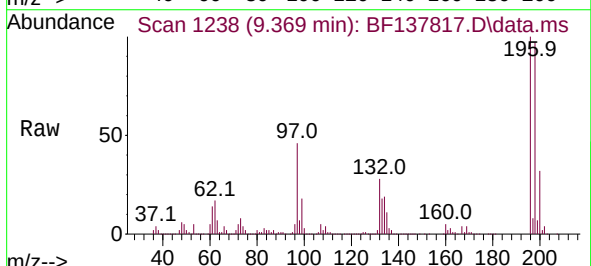
Ion Ratio Lower Upper

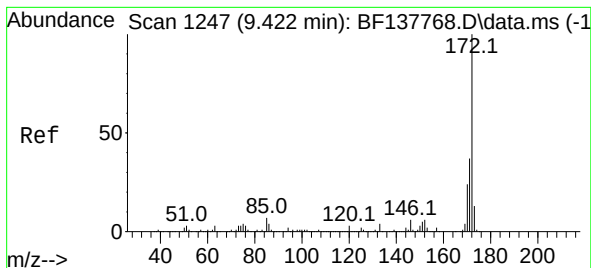
196 100

198 97.1 76.6 114.8

97 46.5 34.5 51.7

132 28.4 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 70.831 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

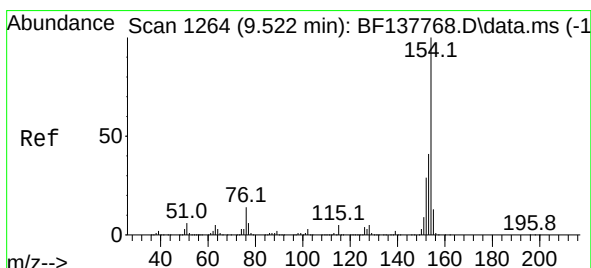
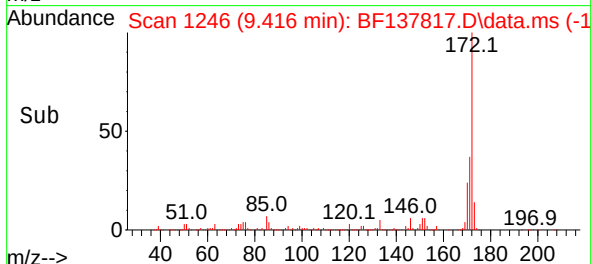
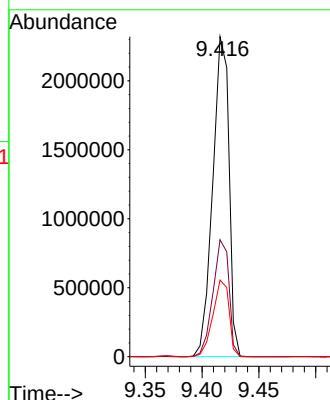
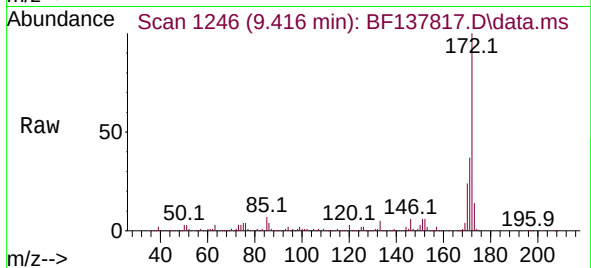
Tgt Ion:172 Resp: 231045
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 40.587 ng

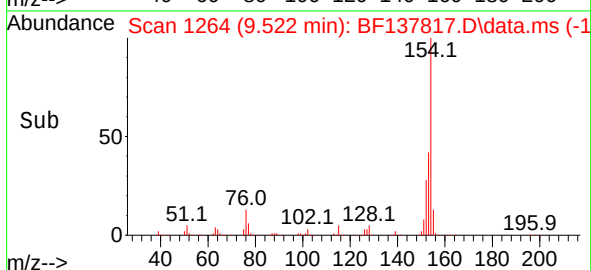
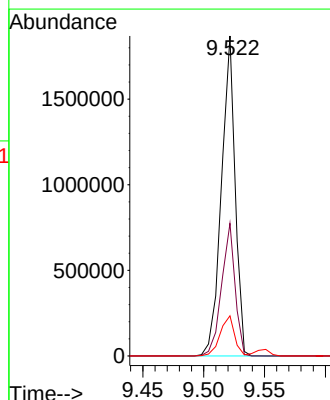
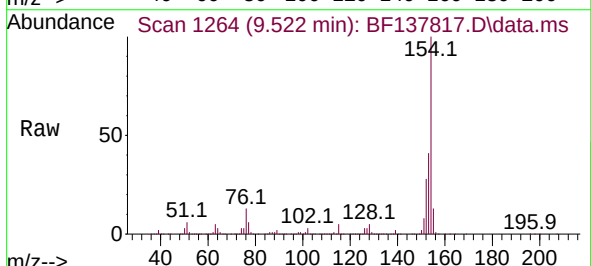
RT: 9.522 min Scan# 1264

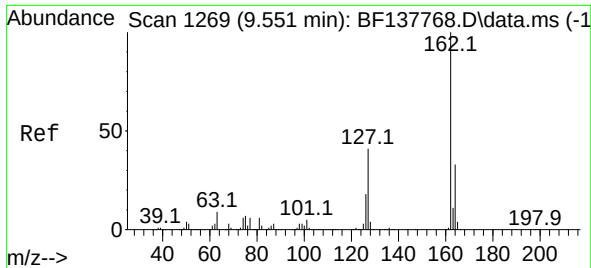
Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Tgt Ion:154 Resp: 1474054
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.4 61.4
 76 12.5 0.0 33.5





#47

2-Chloronaphthalene

Concen: 39.154 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF137817.D

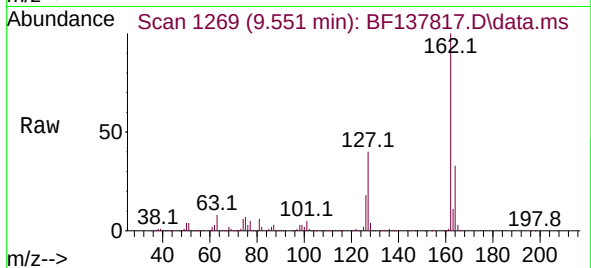
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:162 Resp: 114806

Ion Ratio Lower Upper

162 100

127 40.0 32.6 49.0

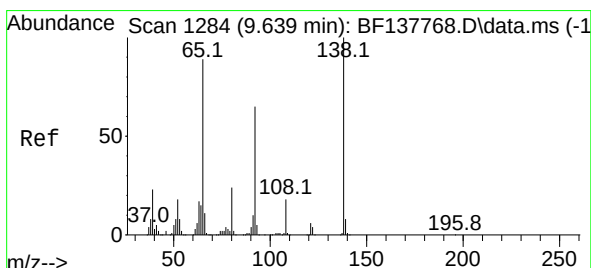
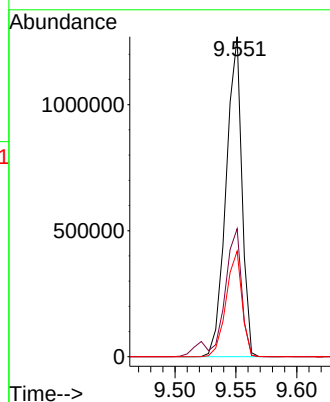
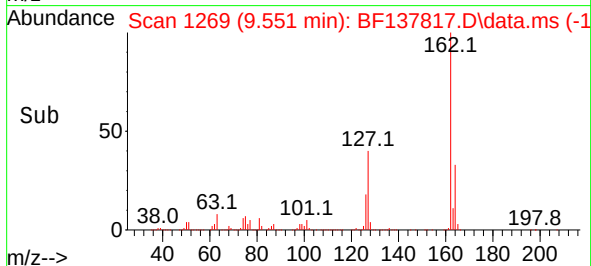
164 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#48

2-Nitroaniline

Concen: 46.531 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

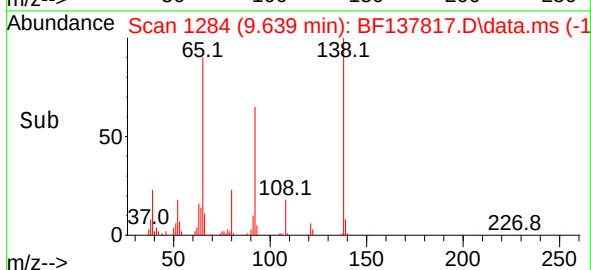
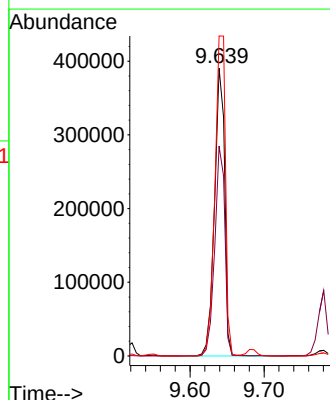
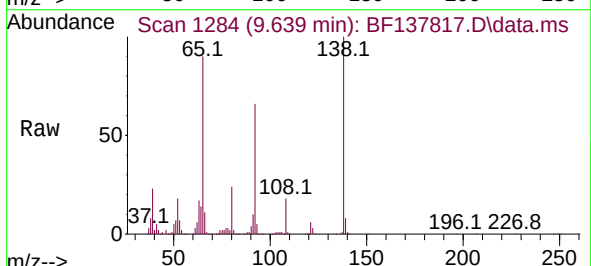
Tgt Ion: 65 Resp: 370024

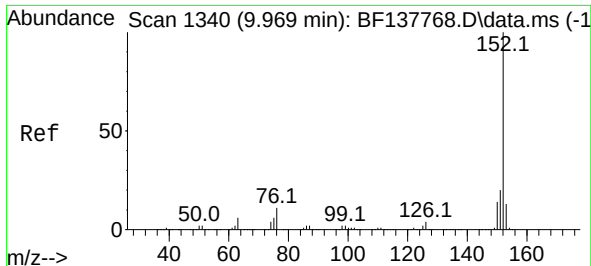
Ion Ratio Lower Upper

65 100

92 72.9 58.6 88.0

138 111.2 90.3 135.5





#49

Acenaphthylene

Concen: 46.969 ng

RT: 9.969 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF137817.D

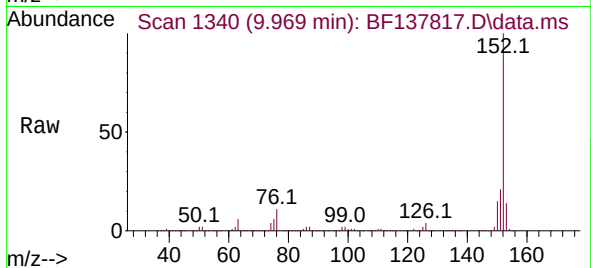
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:152 Resp: 199224

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

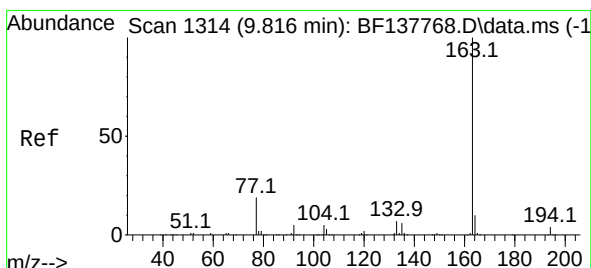
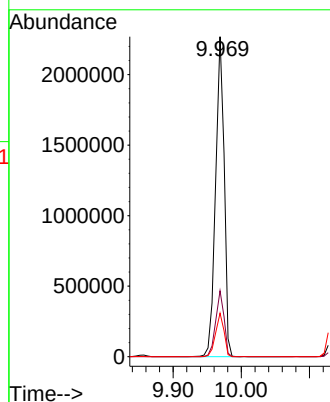
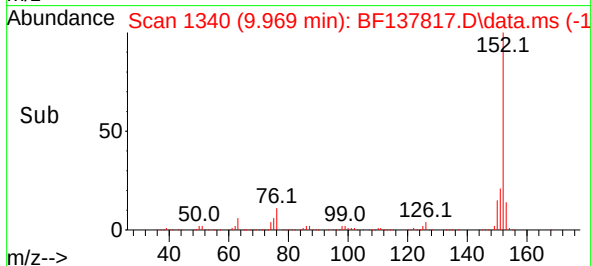
153 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 42.864 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

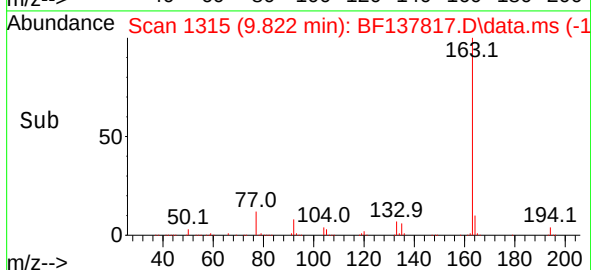
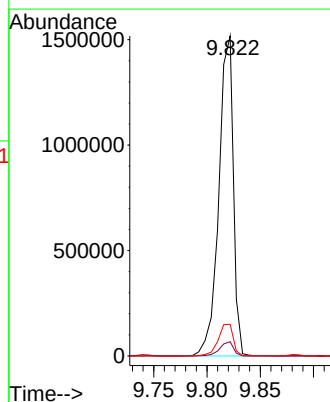
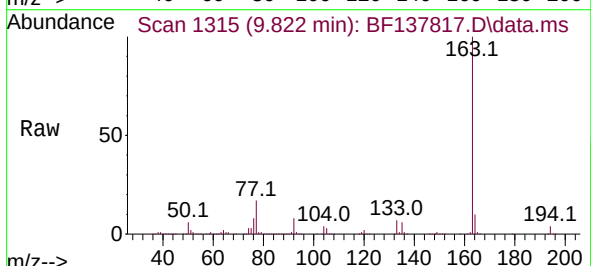
Tgt Ion:163 Resp: 1432009

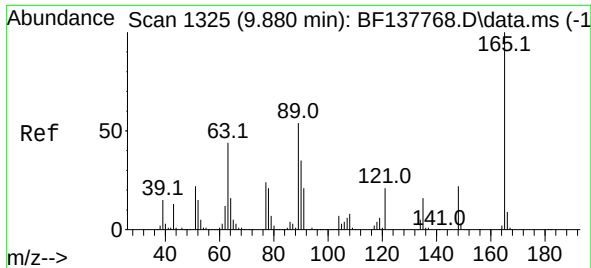
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

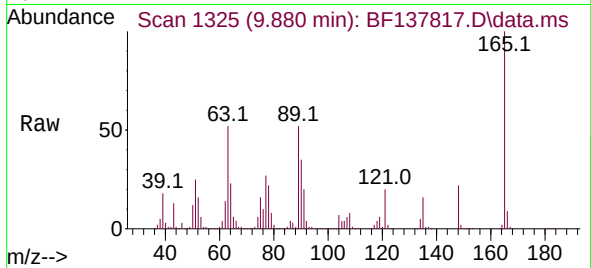
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 45.782 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

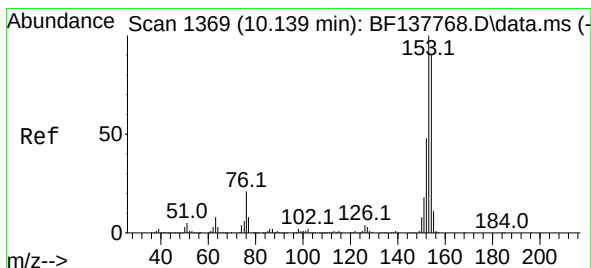
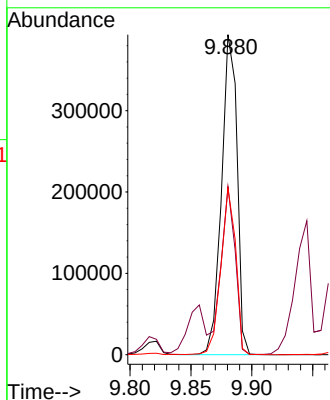
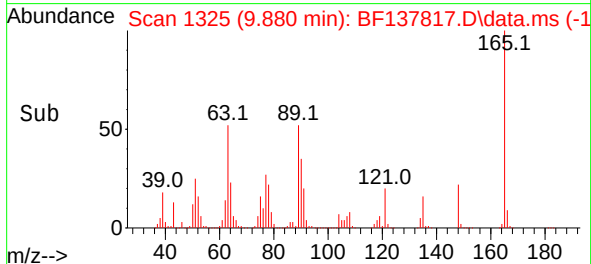
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



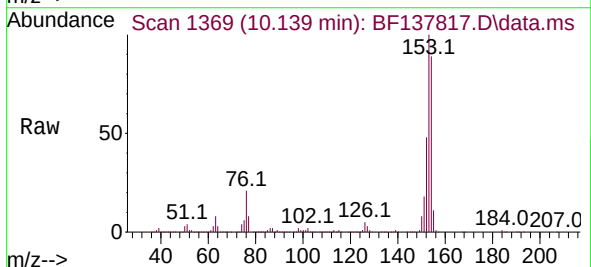
Tgt Ion:165 Resp: 349538
Ion Ratio Lower Upper
165 100
63 52.5 41.9 62.9
89 52.0 43.2 64.8

Manual Integrations
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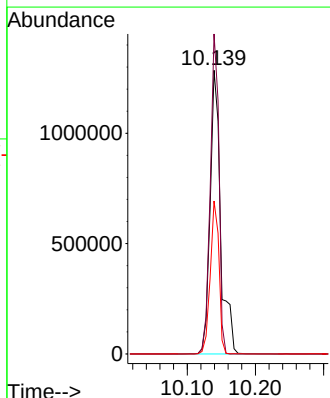
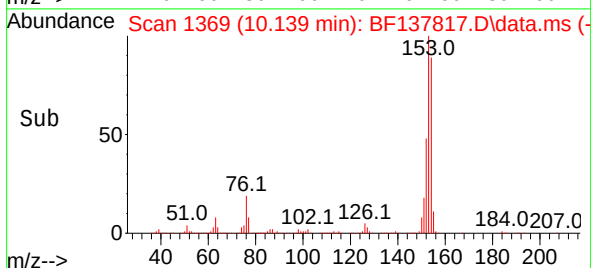
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

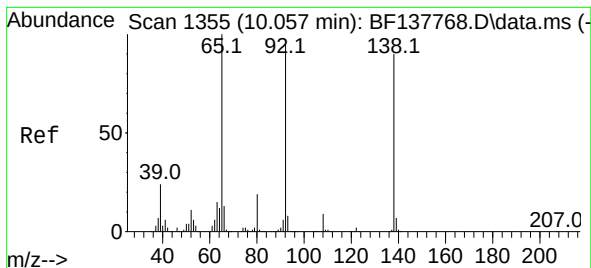


#52
Acenaphthene
Concen: 49.218 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



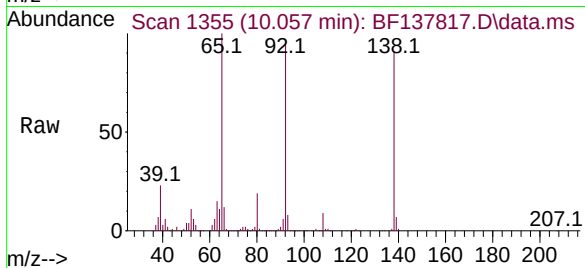
Tgt Ion:154 Resp: 1383768
Ion Ratio Lower Upper
154 100
153 112.8 88.7 133.1
152 53.9 42.8 64.2





#53
3-Nitroaniline
Concen: 36.168 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

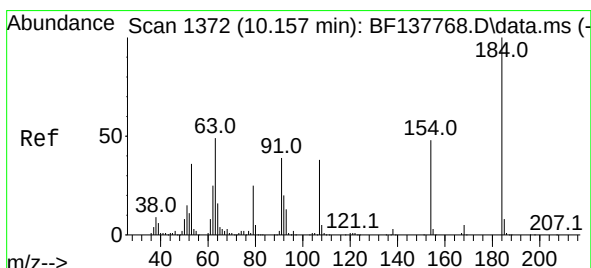
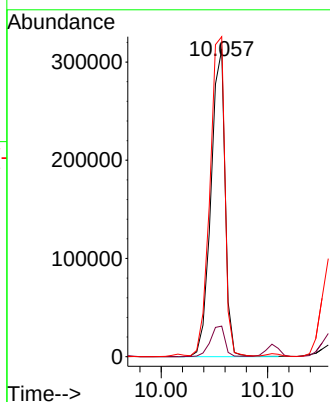
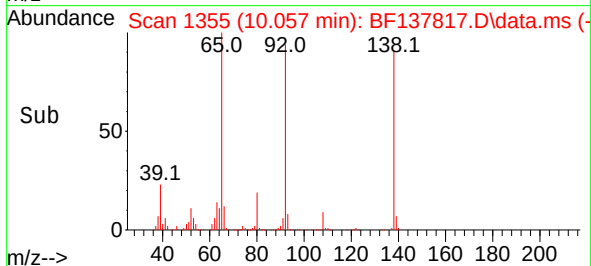
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



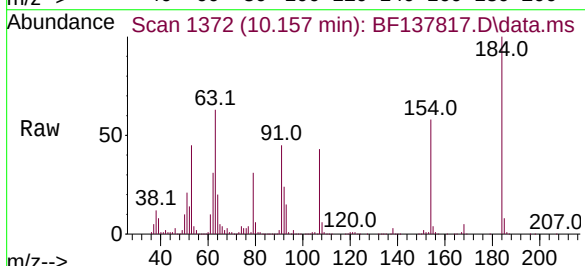
Tgt Ion:138 Resp: 289168
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 104.2 84.6 126.8

Manual Integrations
APPROVED

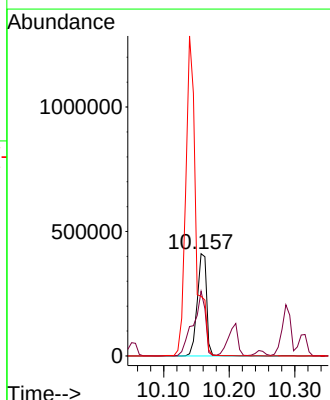
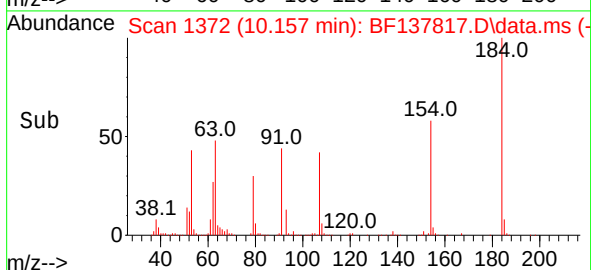
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

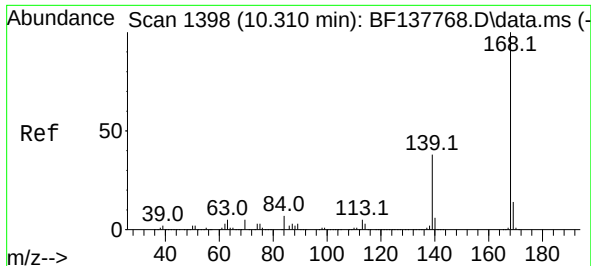


#54
2,4-Dinitrophenol
Concen: 109.641 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



Tgt Ion:184 Resp: 411309
Ion Ratio Lower Upper
184 100
63 63.2 40.3 60.5#
154 58.4 45.2 67.8





#55

Dibenzenofuran

Concen: 44.883 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

Tgt Ion:168 Resp: 183634

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.4

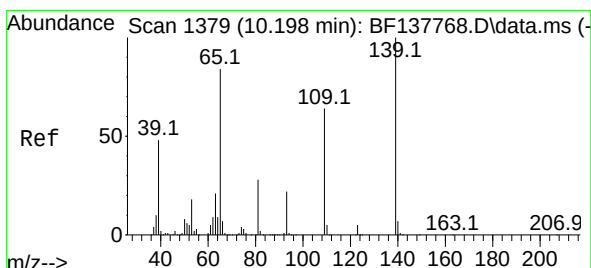
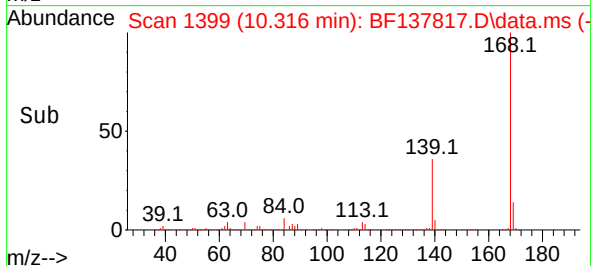
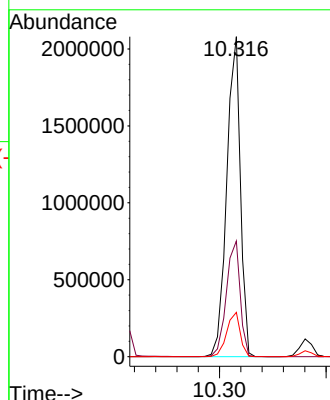
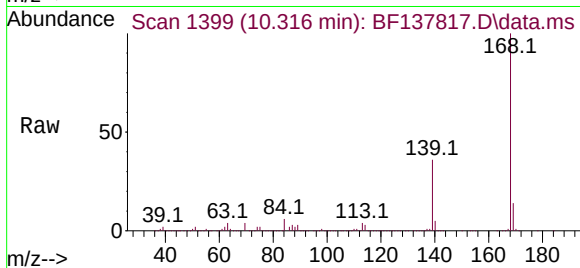
169 13.9 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#56

4-Nitrophenol

Concen: 80.324 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

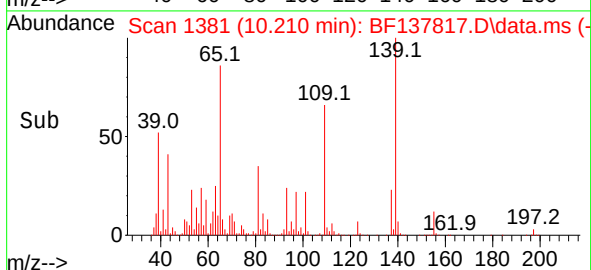
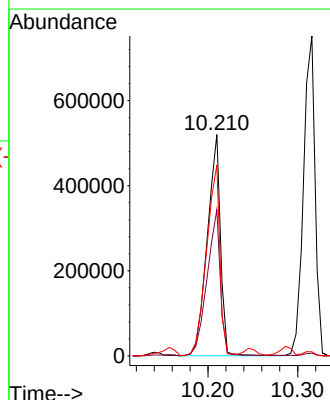
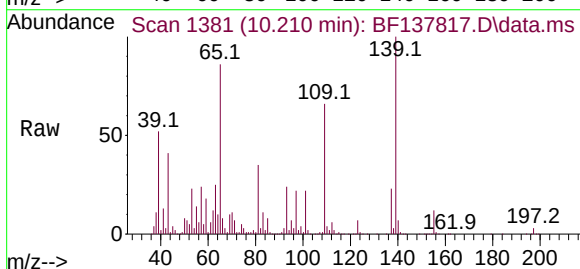
Tgt Ion:139 Resp: 532270

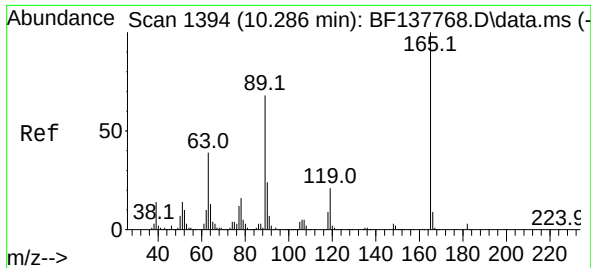
Ion Ratio Lower Upper

139 100

109 66.1 44.0 84.0

65 86.3 64.3 104.3





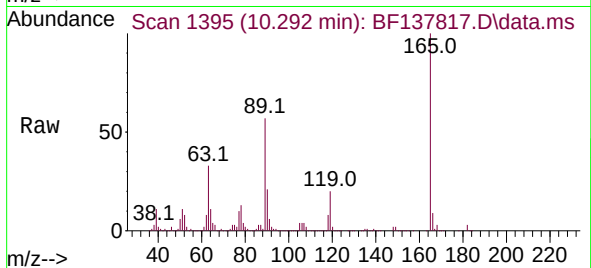
#57
2,4-Dinitrotoluene
Concen: 48.274 ng
RT: 10.292 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

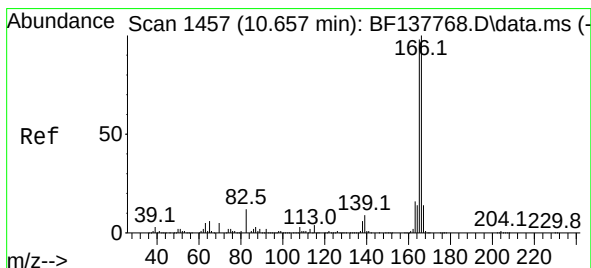
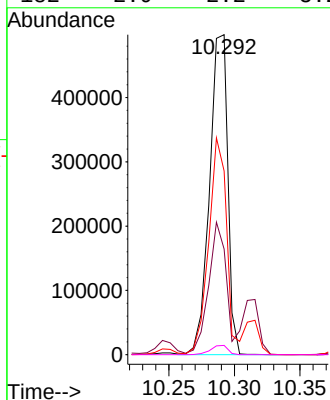
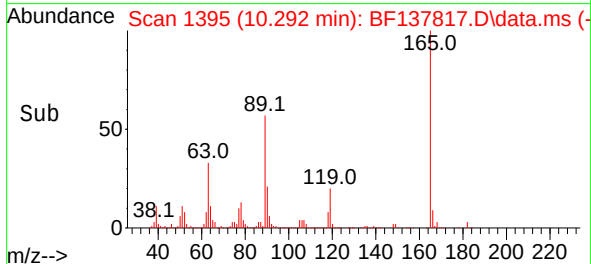


Tgt Ion:165 Resp: 481500
Ion Ratio Lower Upper
165 100
63 33.0 31.3 46.9
89 57.4 54.2 81.4
182 2.9 2.2 3.2

Manual Integrations

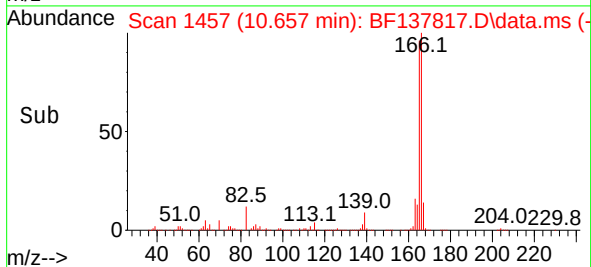
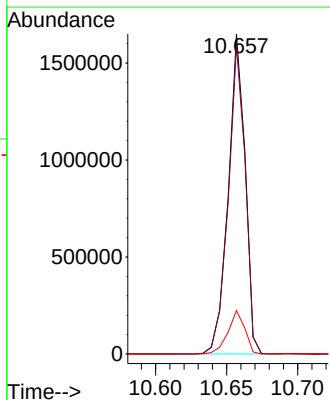
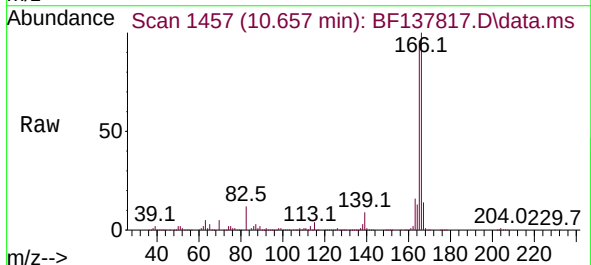
APPROVED

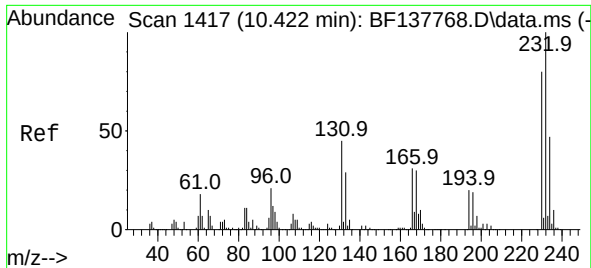
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 41.896 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

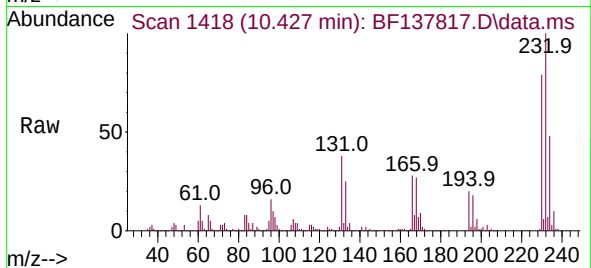
Tgt Ion:166 Resp: 1364194
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.530 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

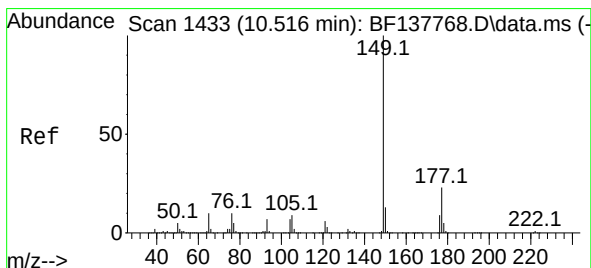
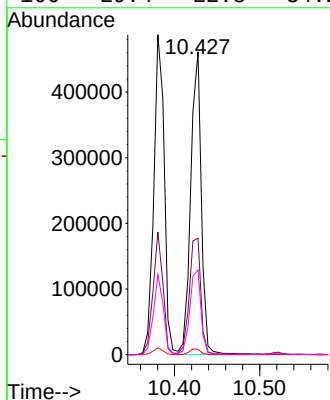
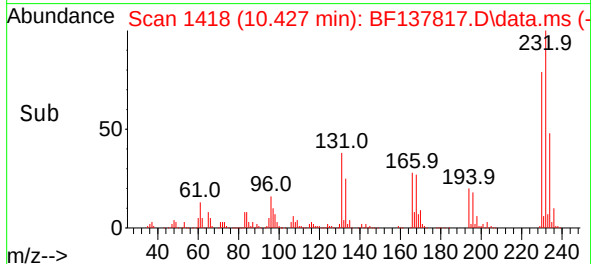
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:232 Resp: 397970
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.0 1.7 2.5
166 29.4 22.8 34.2

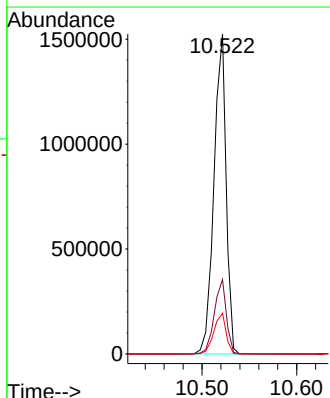
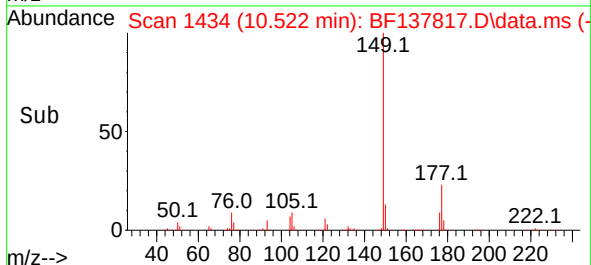
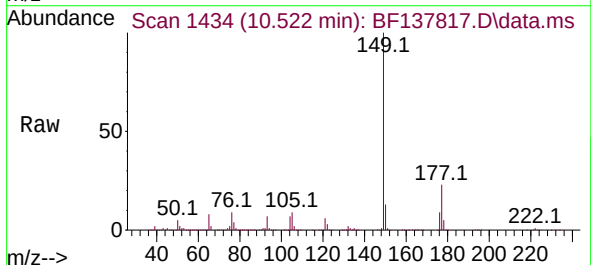
Manual Integrations
APPROVED

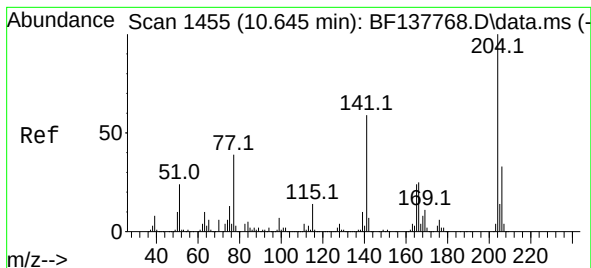
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 43.033 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

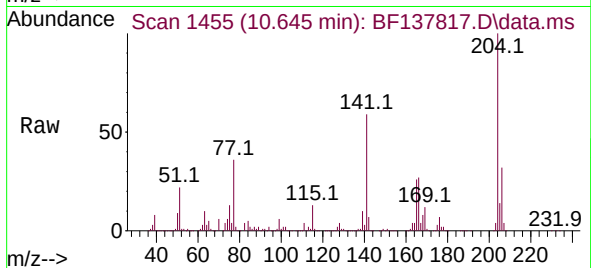
Tgt Ion:149 Resp: 1365418
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.8 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 40.571 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

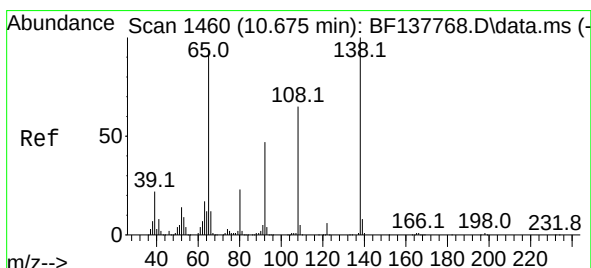
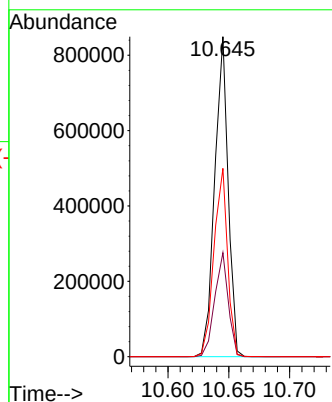
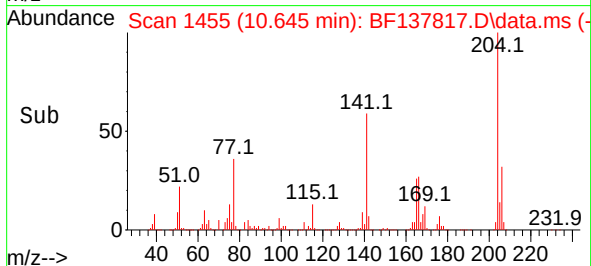
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:204 Resp: 650923
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 58.8 47.0 70.6

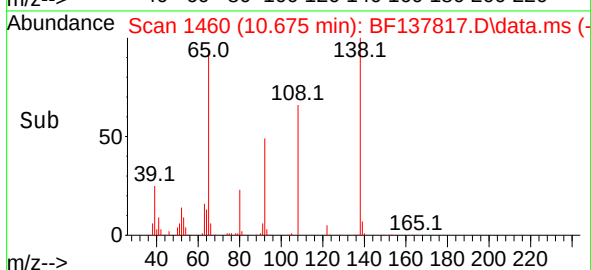
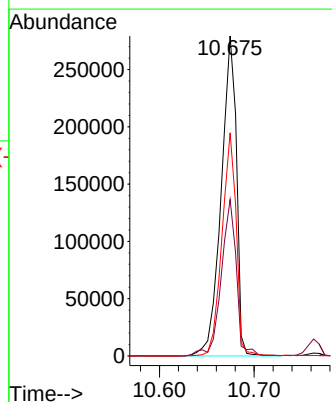
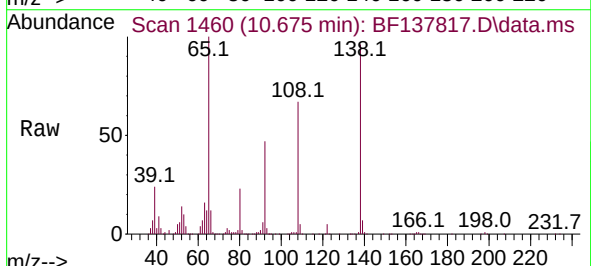
Manual Integrations
APPROVED

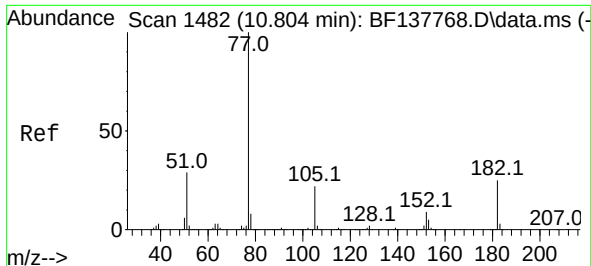
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#62
4-Nitroaniline
Concen: 38.733 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

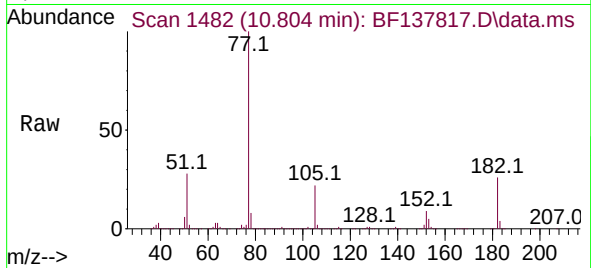
Tgt Ion:138 Resp: 314110
Ion Ratio Lower Upper
138 100
92 48.9 26.8 66.8
108 69.8 44.7 84.7





#63
Azobenzene
Concen: 45.574 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

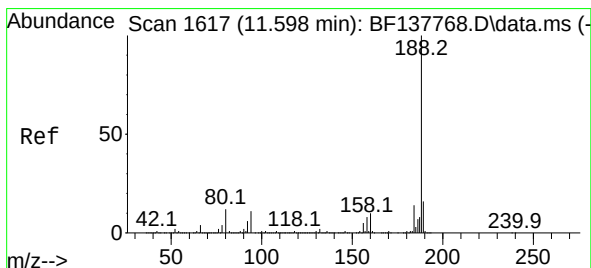
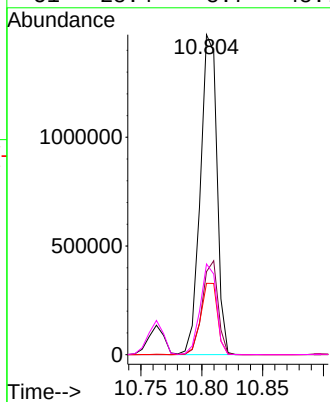
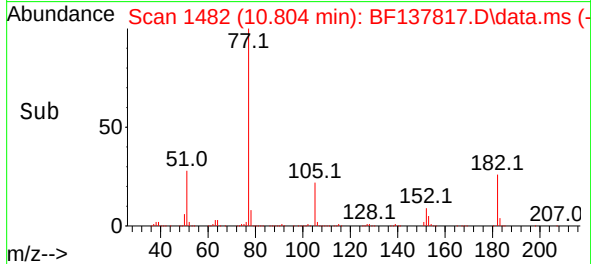
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion: 77 Resp: 1397594
Ion Ratio Lower Upper
77 100
182 26.0 5.1 45.1
105 22.3 2.2 42.2
51 28.4 8.7 48.7

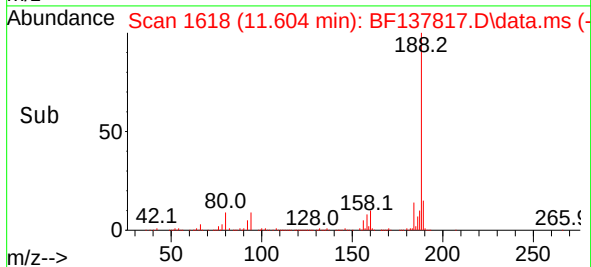
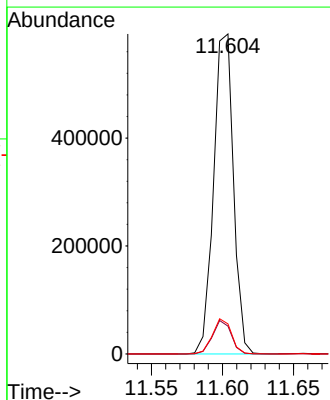
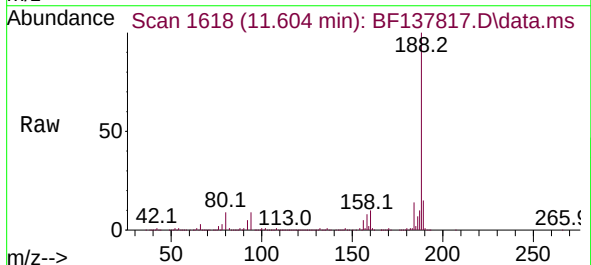
Manual Integrations
APPROVED

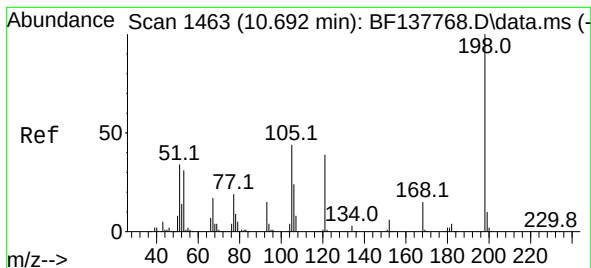
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

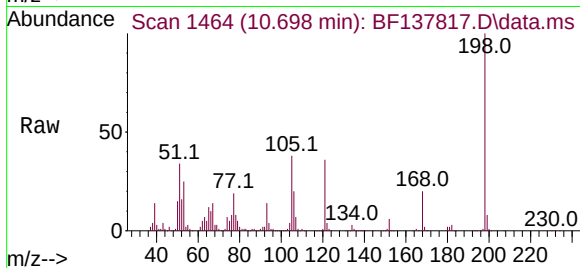
Tgt Ion:188 Resp: 576511
Ion Ratio Lower Upper
188 100
94 8.7 8.8 13.2#
80 9.4 9.6 14.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 78.978 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

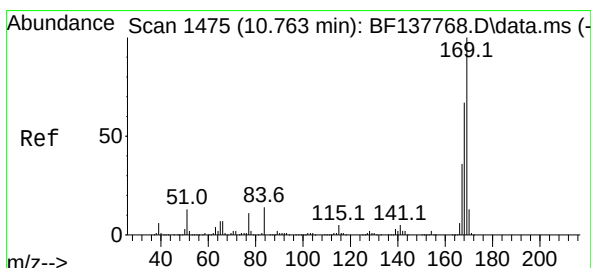
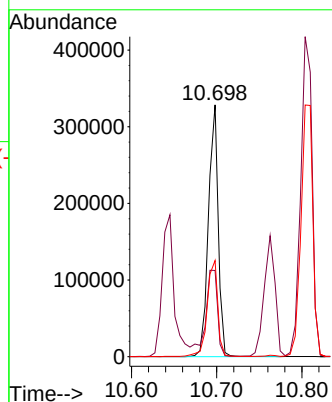
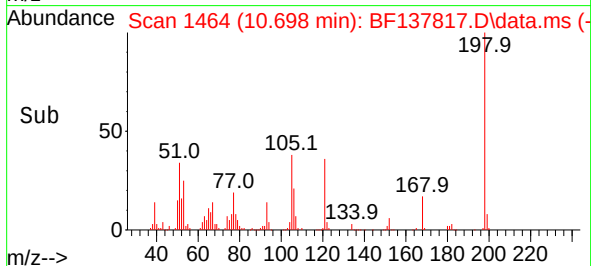
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:198 Resp: 261338
Ion Ratio Lower Upper
198 100
51 34.2 25.1 65.1
105 38.2 24.1 64.1

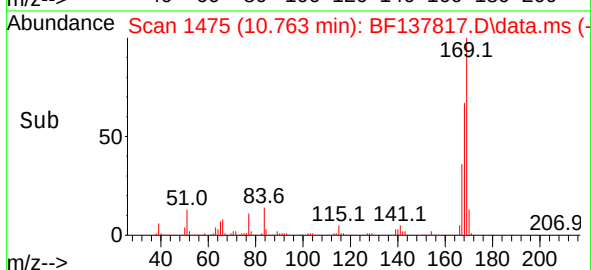
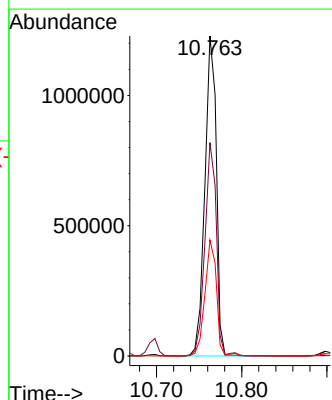
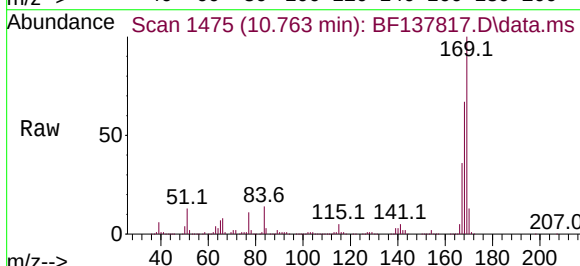
Manual Integrations
APPROVED

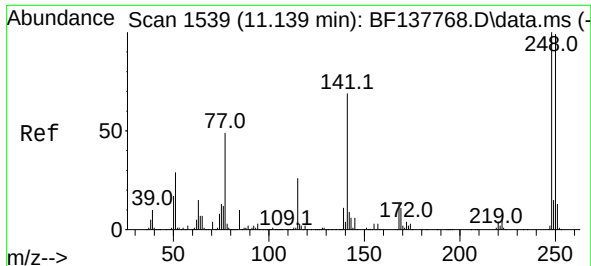
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 66.353 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

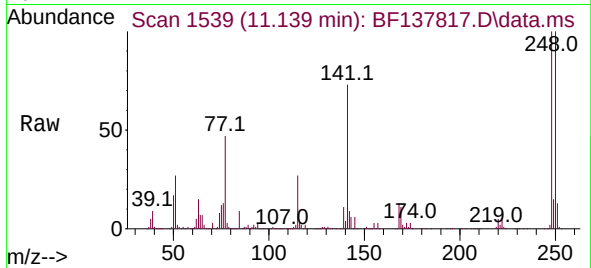
Tgt Ion:169 Resp: 1145063
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.352 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

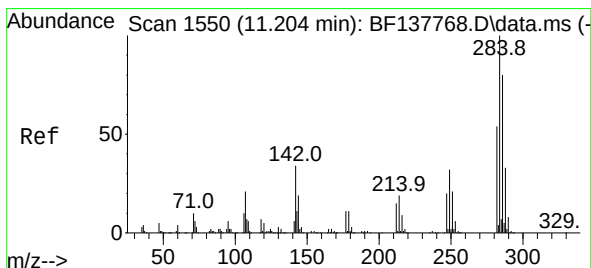
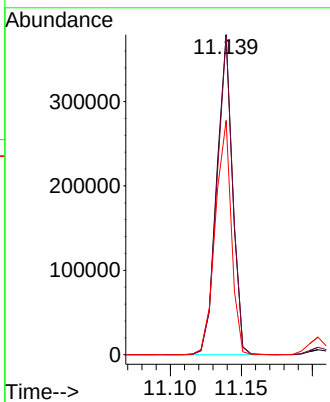
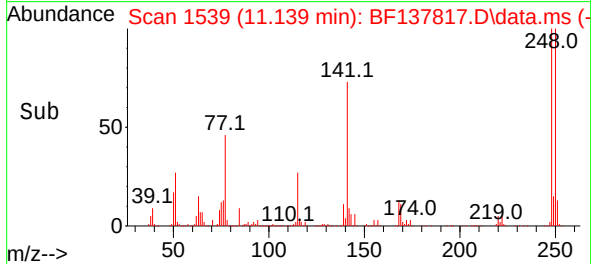
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:248 Resp: 292160
Ion Ratio Lower Upper
248 100
250 99.5 79.1 118.7
141 73.2 55.4 83.2

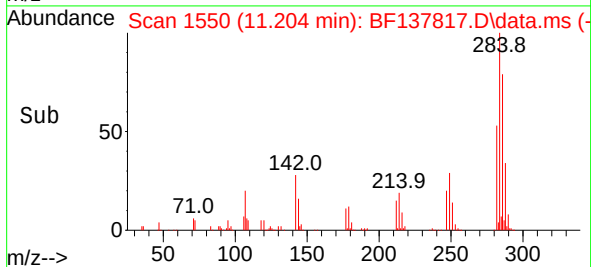
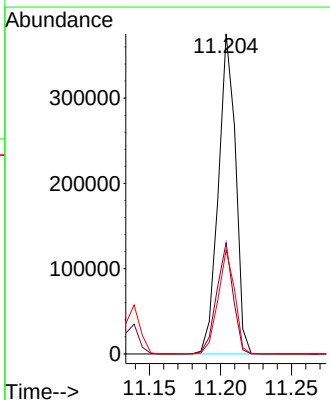
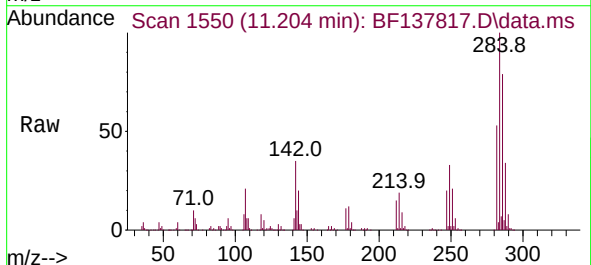
Manual Integrations
APPROVED

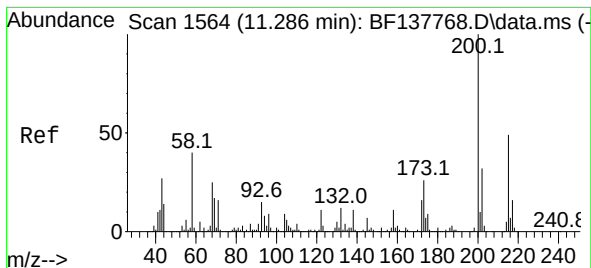
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#68
Hexachlorobenzene
Concen: 46.780 ng
RT: 11.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:284 Resp: 315418
Ion Ratio Lower Upper
284 100
142 34.7 27.3 40.9
249 32.5 25.6 38.4





#69

Atrazine

Concen: 54.106 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.000 min

Lab File: BF137817.D

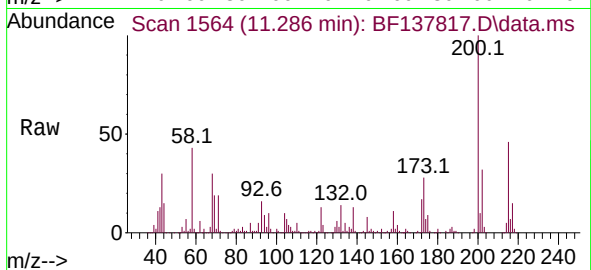
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:200 Resp: 284703

Ion Ratio Lower Upper

200 100

173 28.3 5.9 45.9

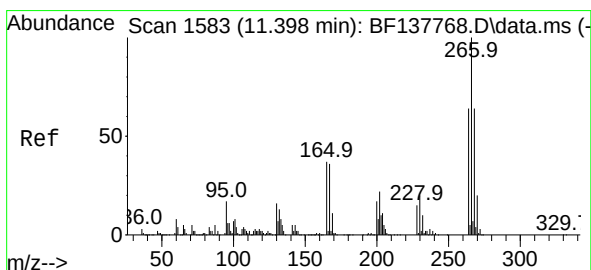
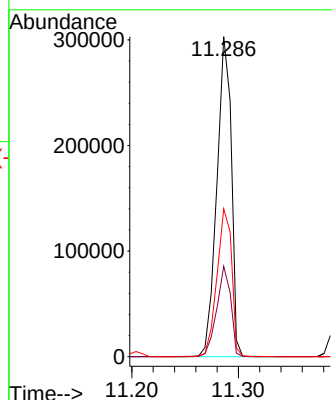
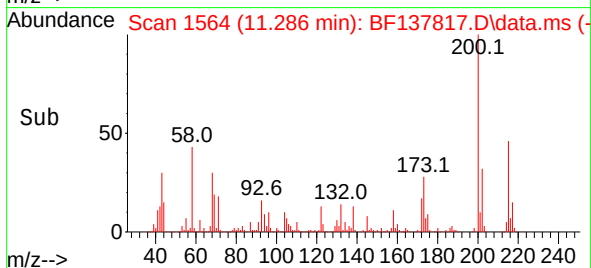
215 46.2 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 86.830 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

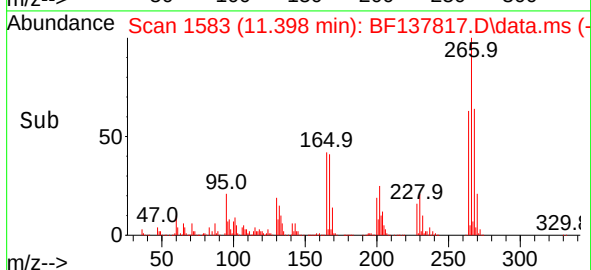
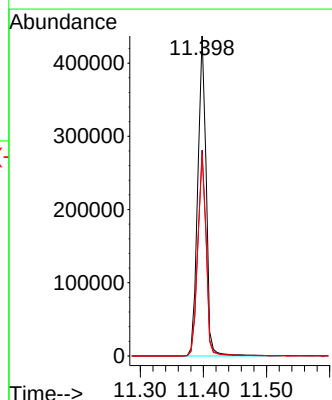
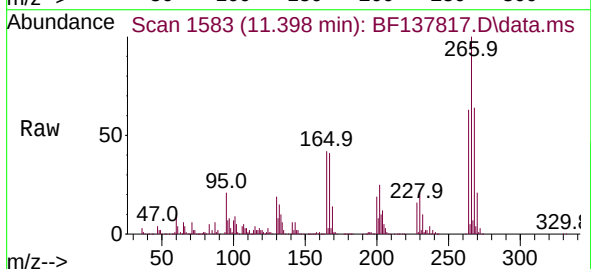
Tgt Ion:266 Resp: 401942

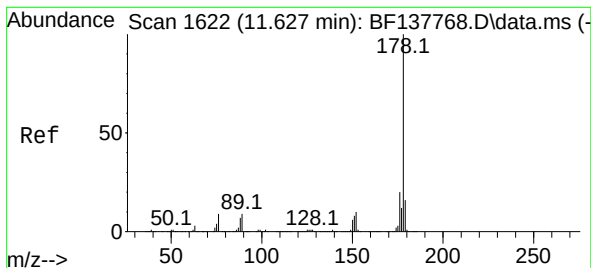
Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

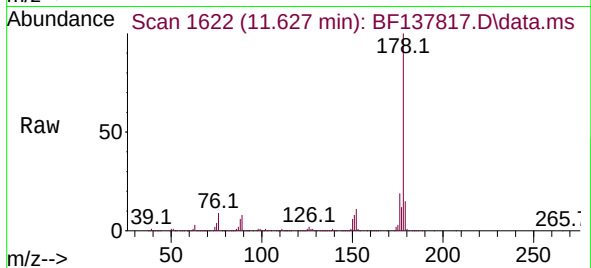
264 62.7 51.0 76.4





#71
Phenanthrene
Concen: 47.544 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

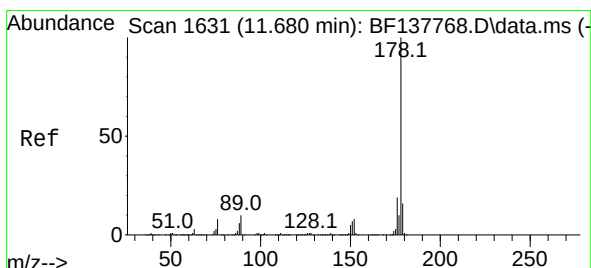
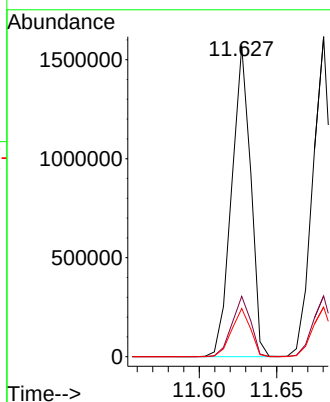
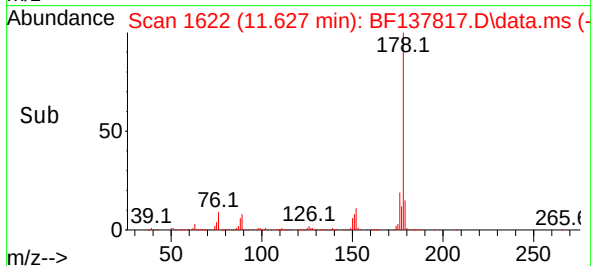
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



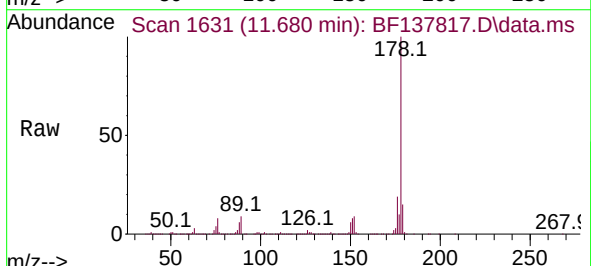
Tgt Ion:178 Resp: 1336004
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.5 18.7

Manual Integrations
APPROVED

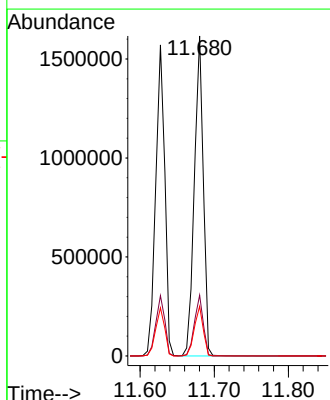
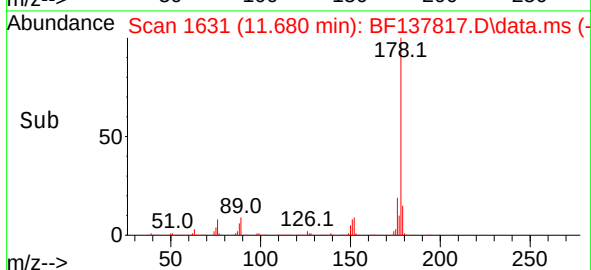
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

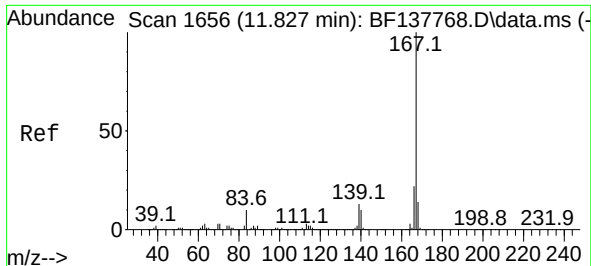


#72
Anthracene
Concen: 48.526 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15



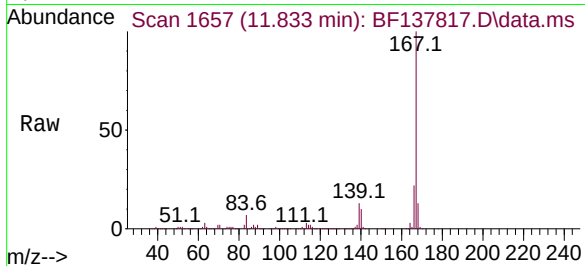
Tgt Ion:178 Resp: 1356766
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 44.341 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137817.D
 Acq: 02 May 2024 16:15

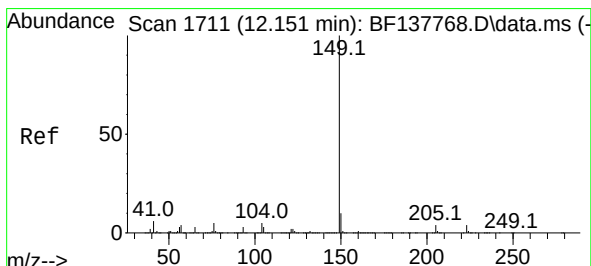
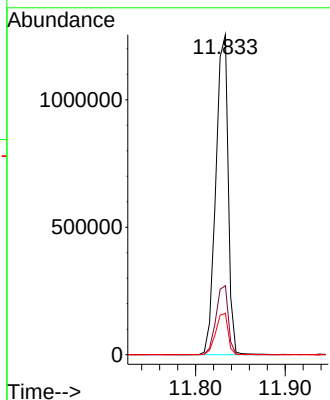
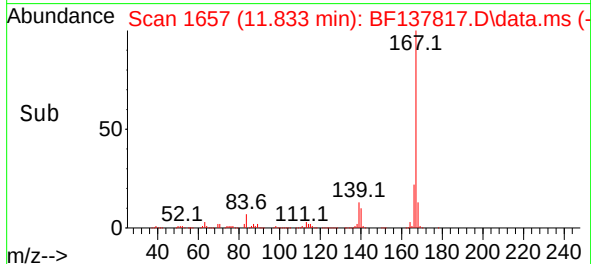
Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMSD



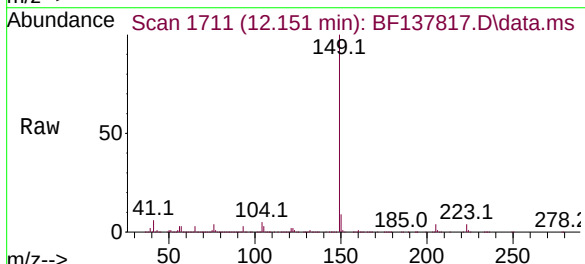
Tgt Ion:167 Resp: 1194793
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

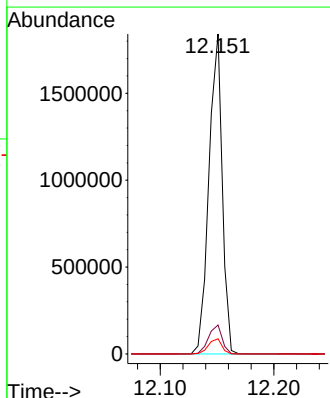
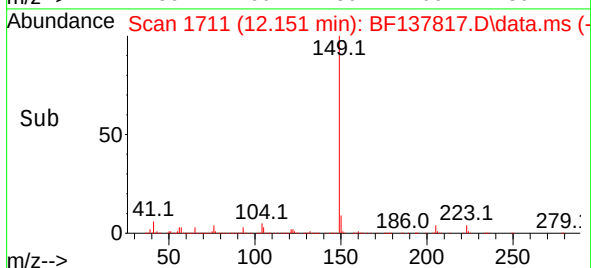
Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

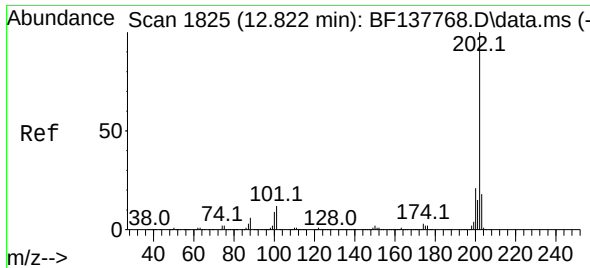


#74
 Di-n-butylphthalate
 Concen: 50.796 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. -0.000 min
 Lab File: BF137817.D
 Acq: 02 May 2024 16:15



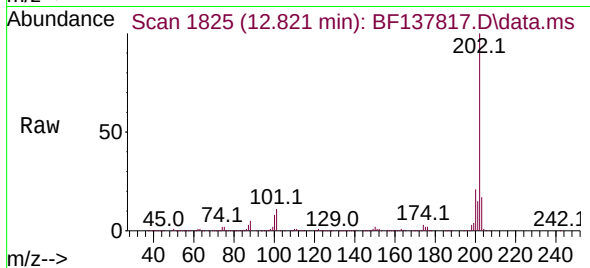
Tgt Ion:149 Resp: 1493069
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 42.536 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

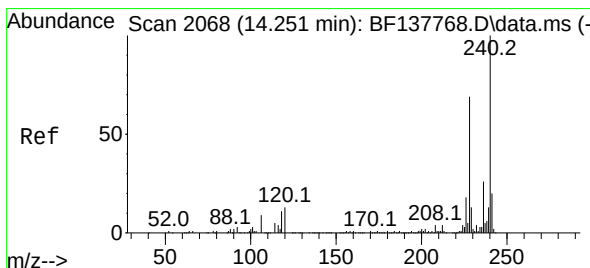
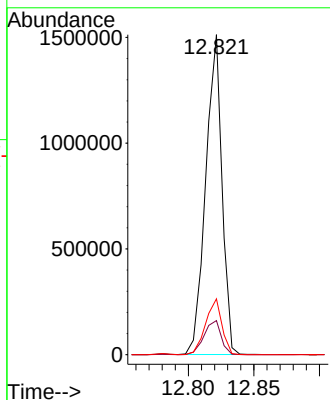
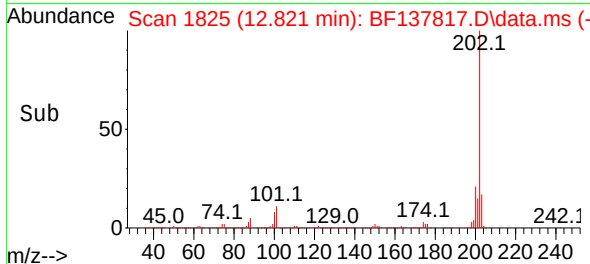
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:202 Resp: 130656
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.5 0.0 37.8

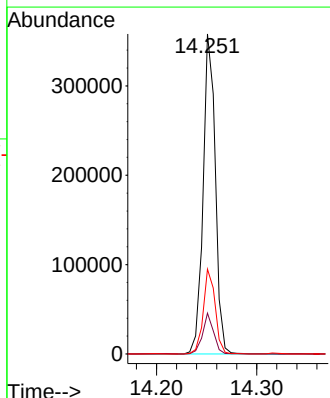
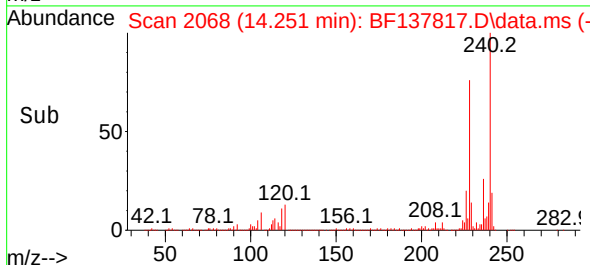
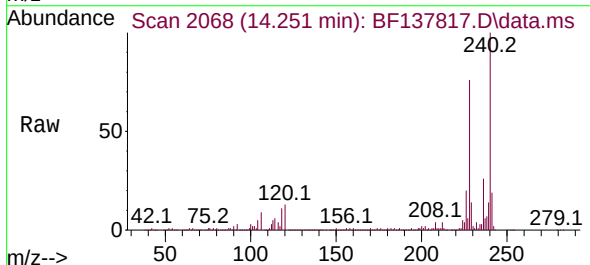
Manual Integrations
APPROVED

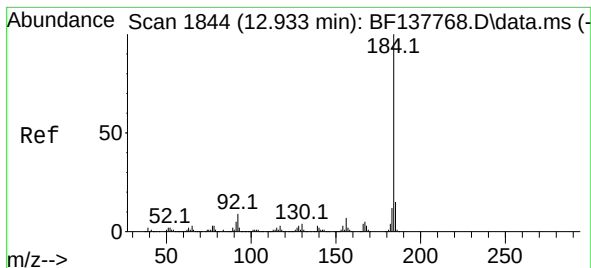
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:240 Resp: 304625
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 26.5 20.4 30.6





#77

Benzidine

Concen: 72.974 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD

Tgt Ion:184 Resp: 514119

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

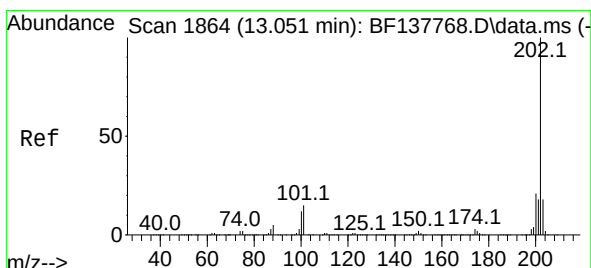
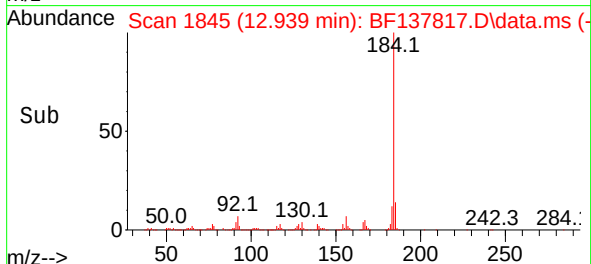
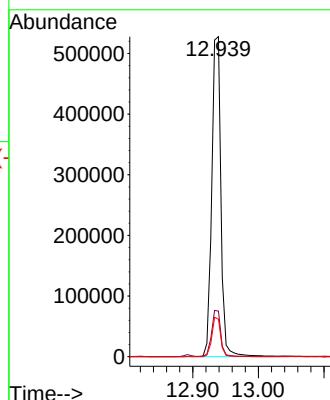
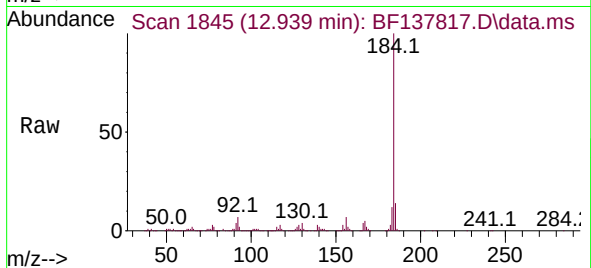
183 11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 53.678 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

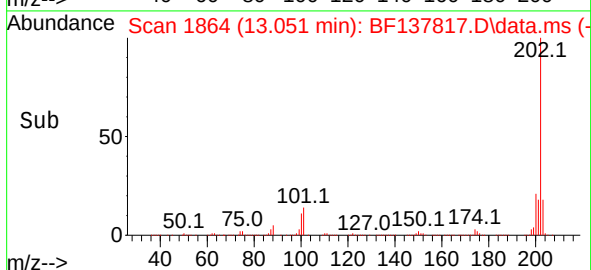
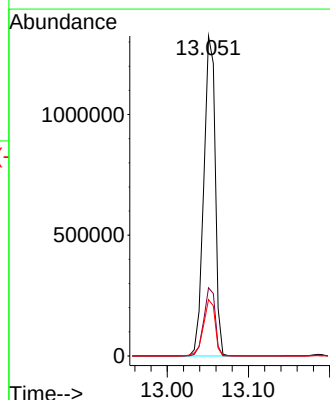
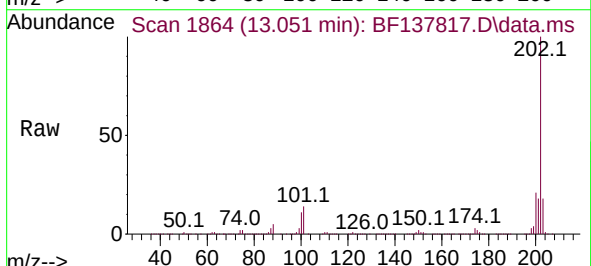
Tgt Ion:202 Resp: 1296482

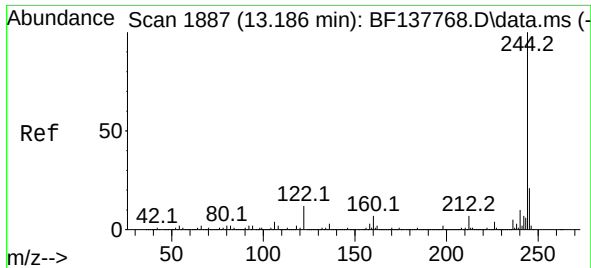
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

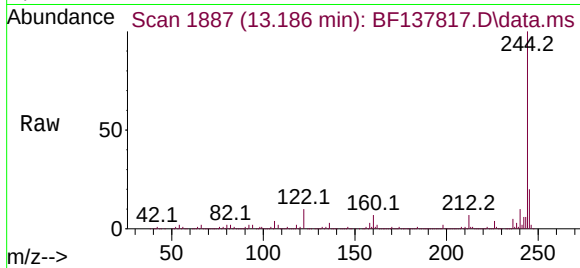
203 17.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 98.150 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137817.D
 Acq: 02 May 2024 16:15

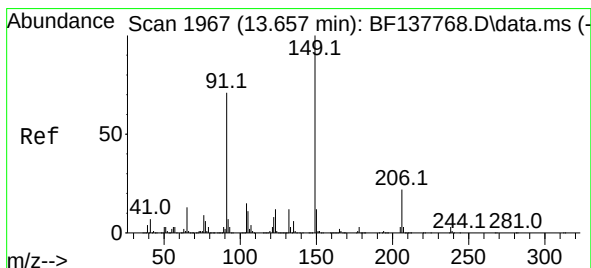
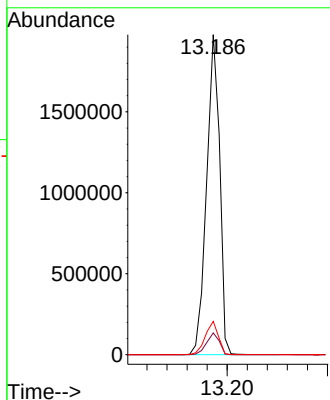
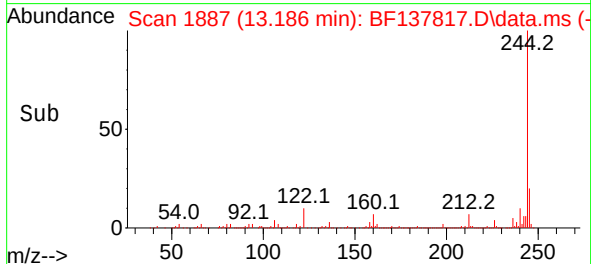
Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMSD



Tgt Ion:244 Resp: 1784090
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.4 9.4 14.2

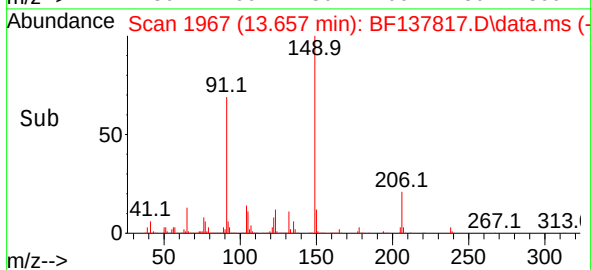
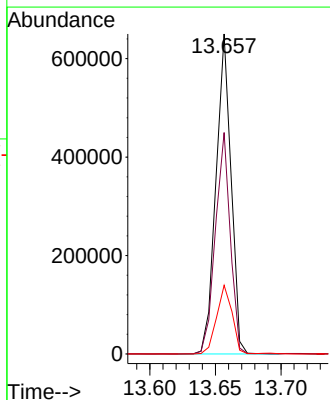
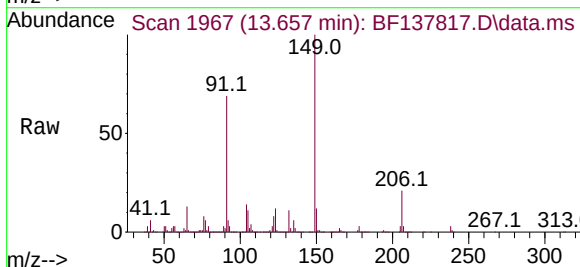
Manual Integrations
 APPROVED

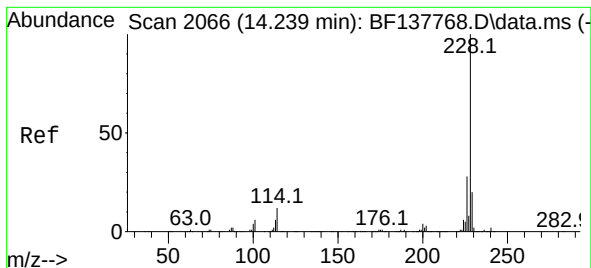
Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024



#80
 Butylbenzylphthalate
 Concen: 67.720 ng
 RT: 13.657 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: BF137817.D
 Acq: 02 May 2024 16:15

Tgt Ion:149 Resp: 518963
 Ion Ratio Lower Upper
 149 100
 91 69.2 56.8 85.2
 206 21.4 17.8 26.8





#81

Benzo(a)anthracene

Concen: 49.760 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.000 min

Lab File: BF137817.D

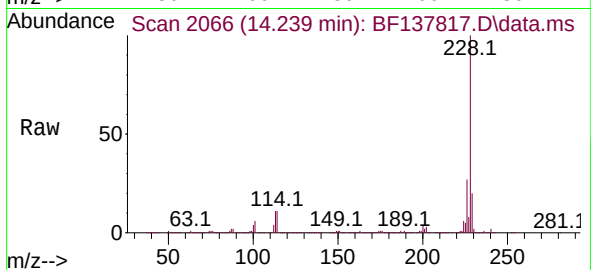
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



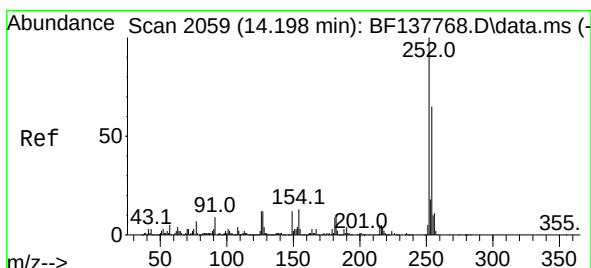
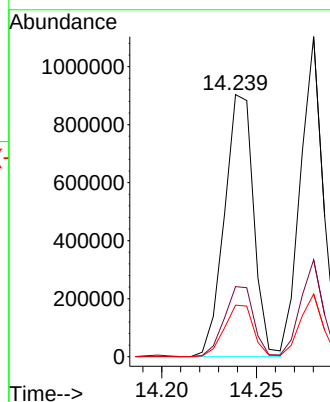
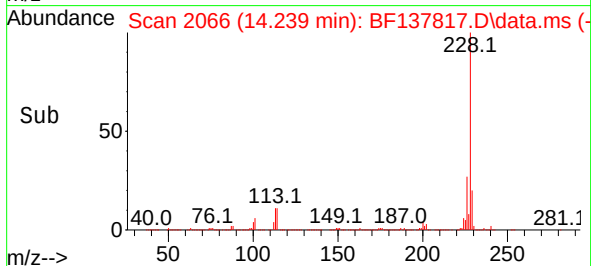
Tgt Ion:	228	Resp:	96949
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.2	33.2
229	19.6	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.192 ng

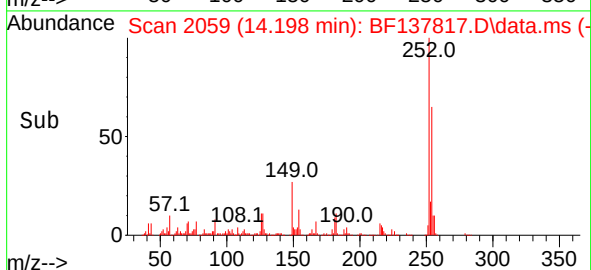
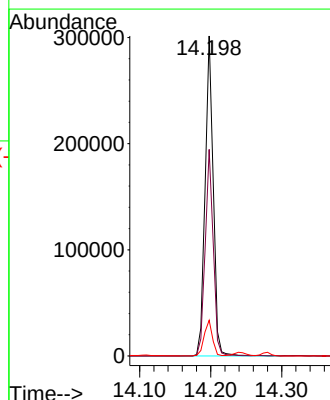
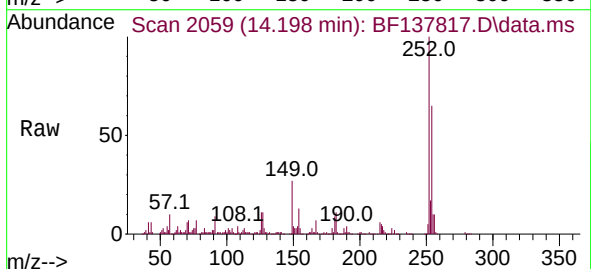
RT: 14.198 min Scan# 2059

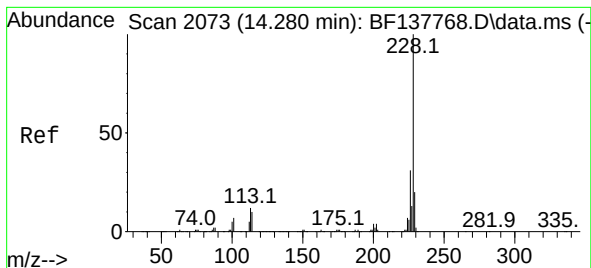
Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

Tgt Ion:	252	Resp:	240261
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.7	77.5
126	11.2	9.7	14.5





#83

Chrysene

Concen: 49.282 ng

RT: 14.280 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BF137817.D

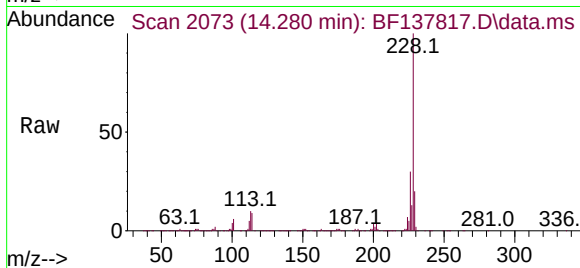
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:228 Resp: 899052

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

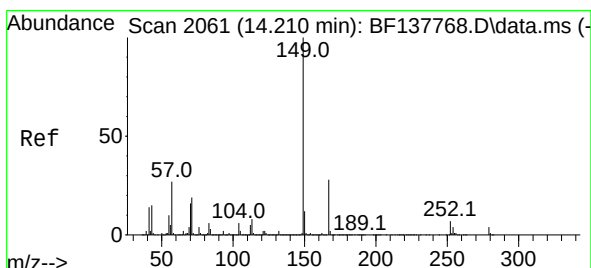
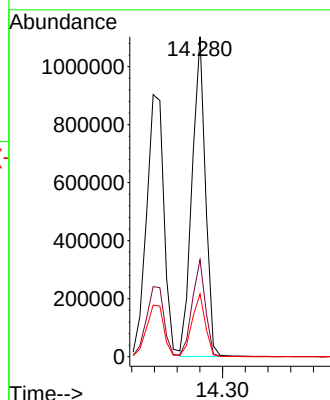
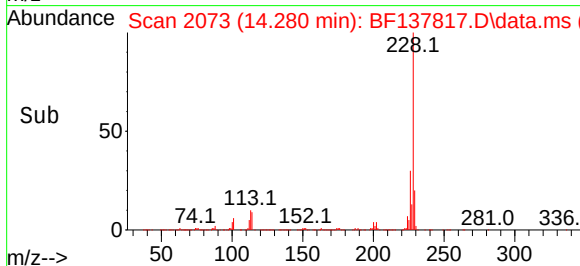
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.873 ng

RT: 14.210 min Scan# 2061

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

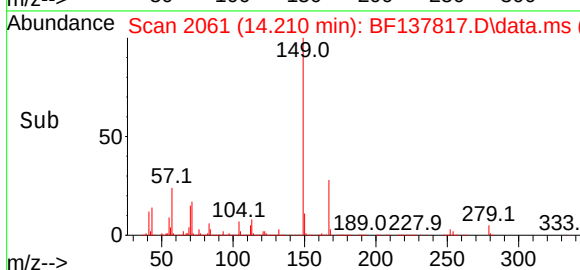
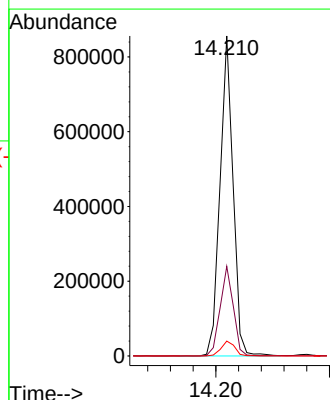
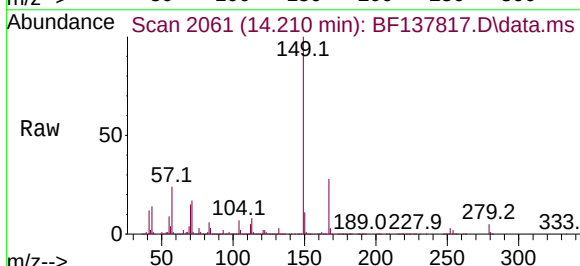
Tgt Ion:149 Resp: 684494

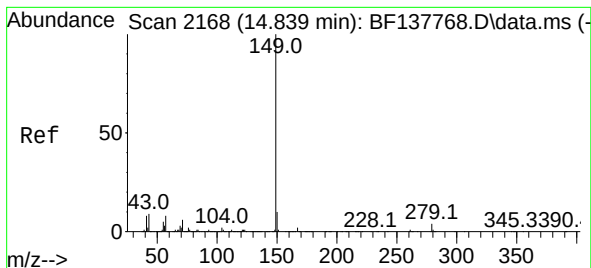
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

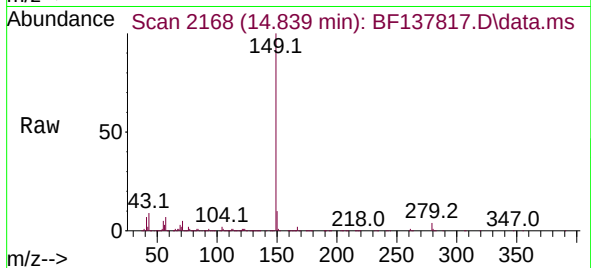
279 4.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 75.882 ng
RT: 14.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

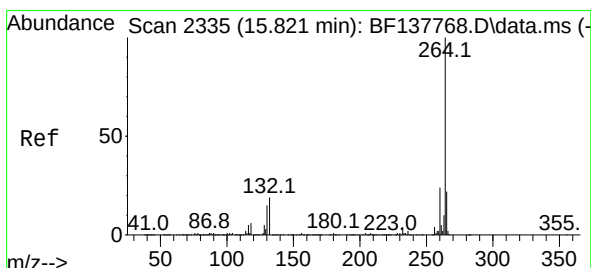
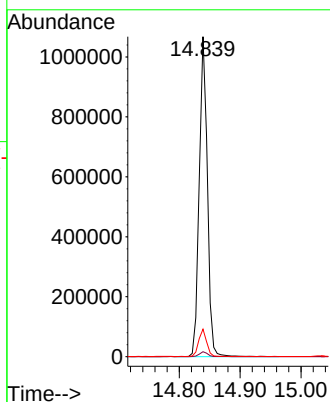
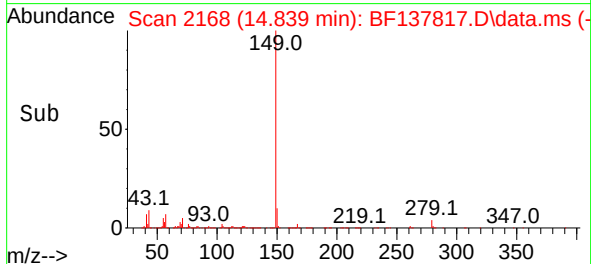
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:149 Resp: 98629
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 7.5 11.3

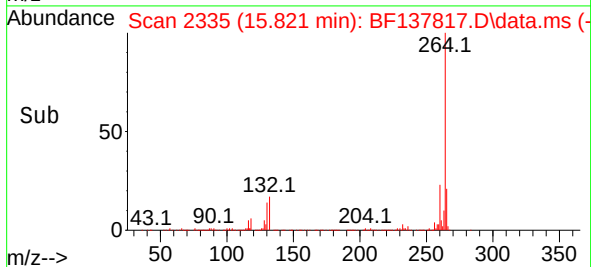
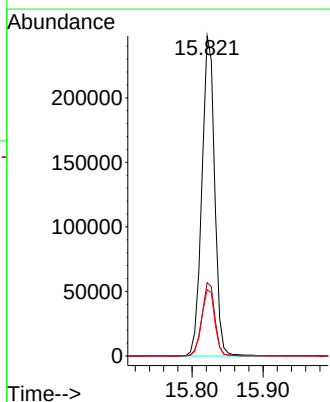
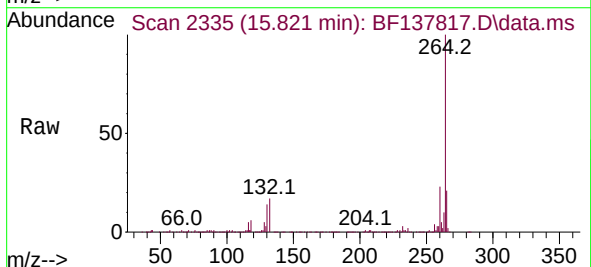
Manual Integrations
APPROVED

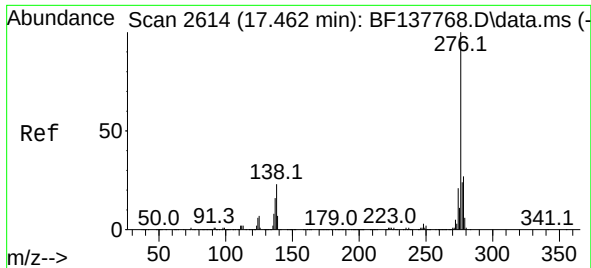
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

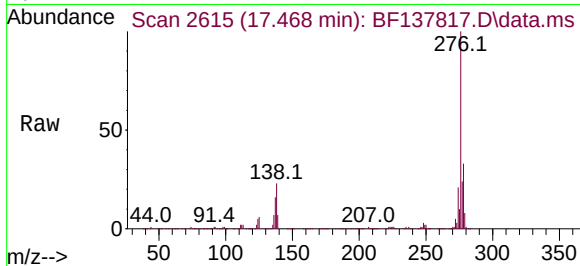
Tgt Ion:264 Resp: 310304
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 20.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.210 ng
RT: 17.468 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

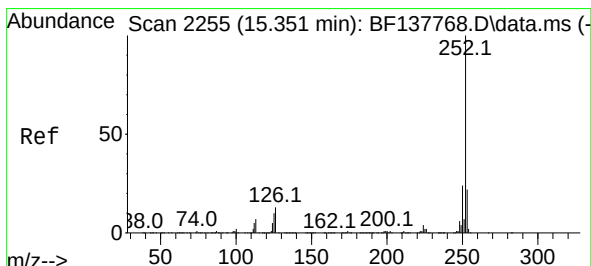
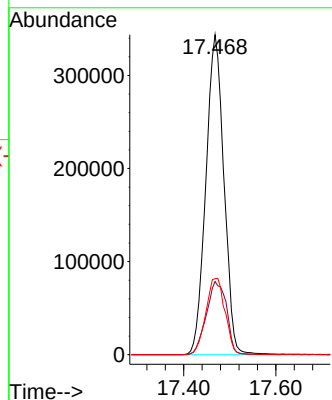
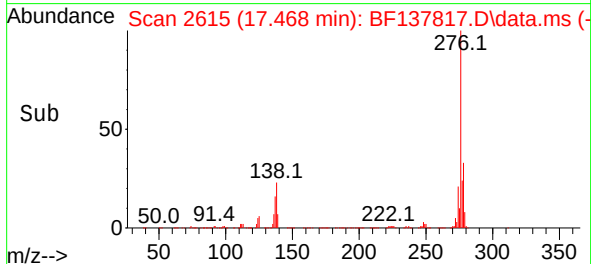
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:276 Resp: 938713
Ion Ratio Lower Upper
276 100
138 25.5 21.4 32.0
277 25.5 20.1 30.1

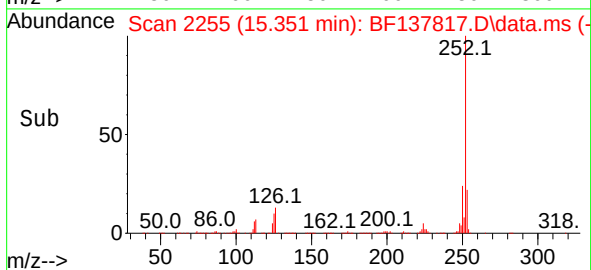
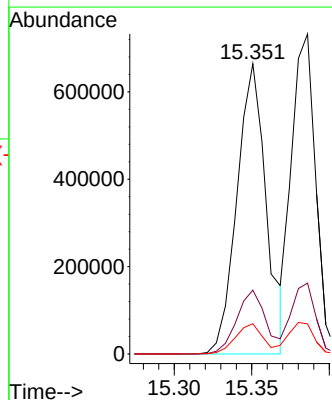
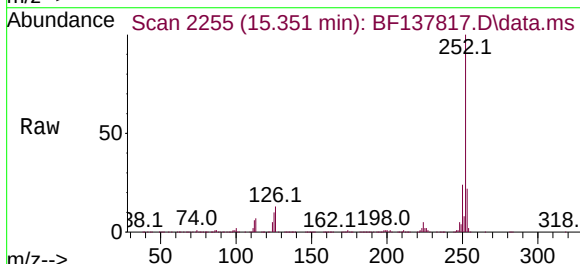
Manual Integrations
APPROVED

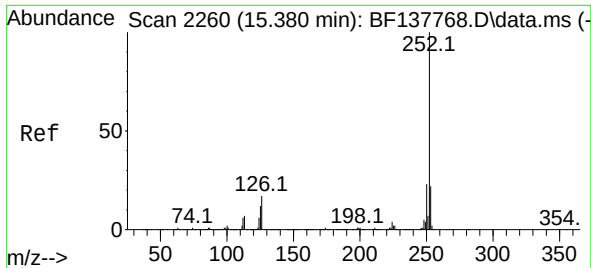
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#88
Benzo(b)fluoranthene
Concen: 45.216 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:252 Resp: 872961
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 42.588 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF137817.D

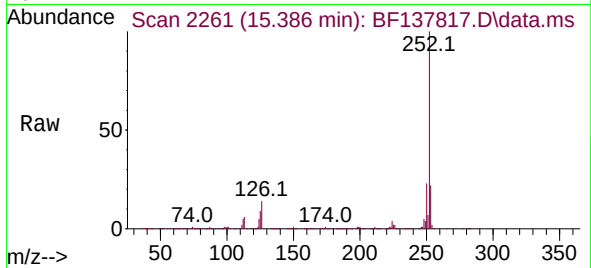
Acq: 02 May 2024 16:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMSD



Tgt Ion:252 Resp: 79469

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

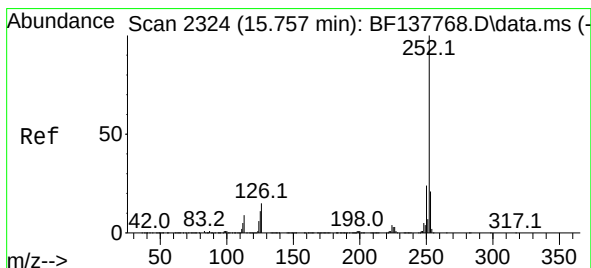
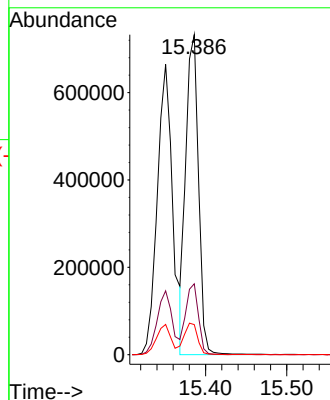
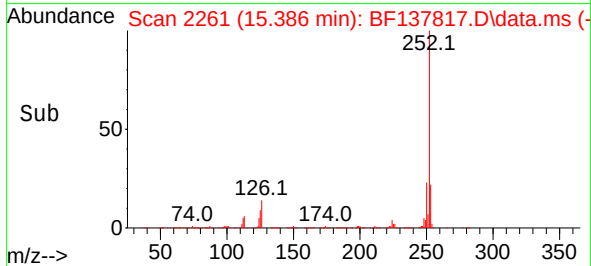
125 9.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 49.888 ng

RT: 15.757 min Scan# 2324

Delta R.T. -0.000 min

Lab File: BF137817.D

Acq: 02 May 2024 16:15

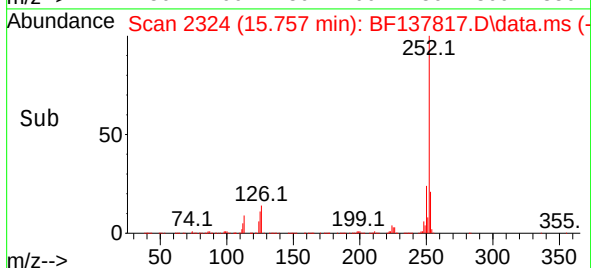
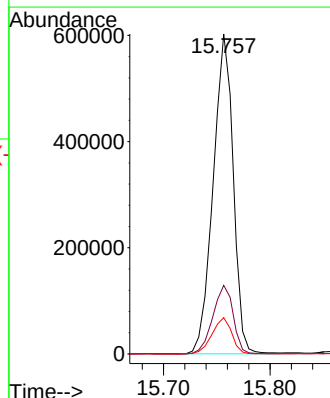
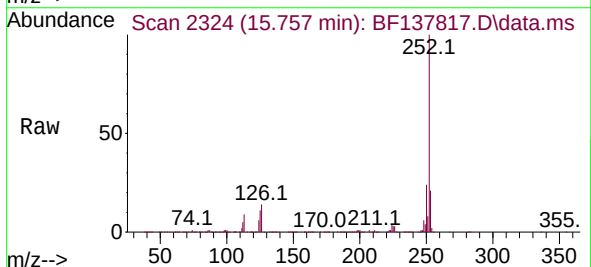
Tgt Ion:252 Resp: 785768

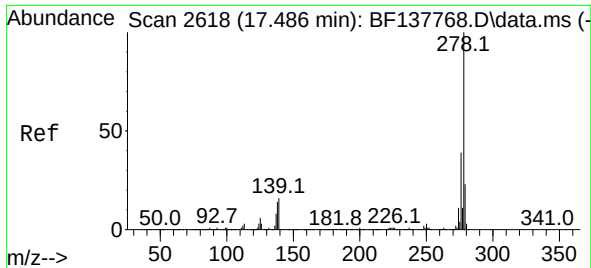
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

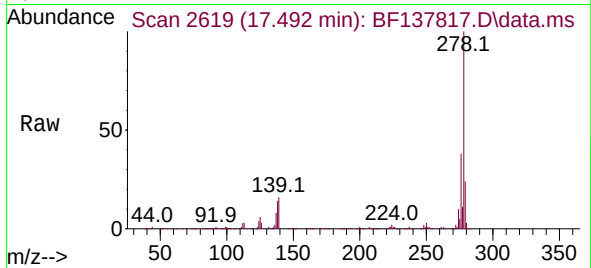
125 11.4 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 52.470 ng
RT: 17.492 min Scan# 2701
Delta R.T. 0.006 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

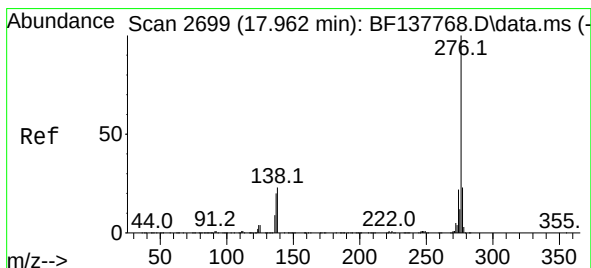
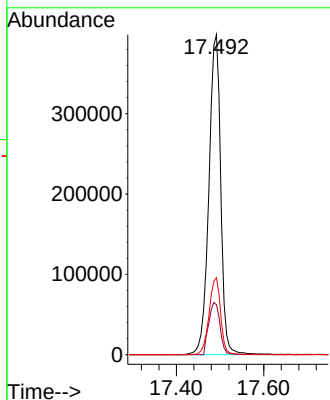
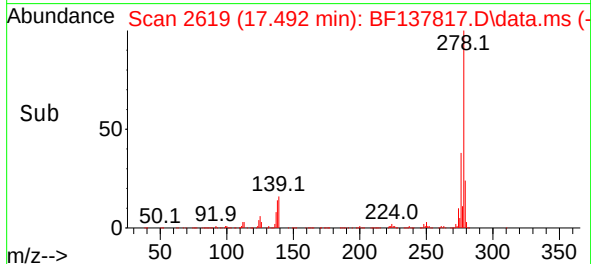
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMSD



Tgt Ion:278 Resp: 753458
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.6
279 24.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 47.609 ng
RT: 17.974 min Scan# 2701
Delta R.T. 0.012 min
Lab File: BF137817.D
Acq: 02 May 2024 16:15

Tgt Ion:276 Resp: 716693
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 21.2 18.1 27.1

