

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137816.D
 Acq On : 02 May 2024 15:45
 Operator : CG\JU
 Sample : P2322-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMS

Manual Integrations
 APPROVED

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

Quant Time: May 02 16:25:25 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	150603	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	596286	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	484769	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	725570	20.000	ng	0.00
76) Chrysene-d12	14.251	240	254457	20.000	ng	0.00
86) Perylene-d12	15.821	264	320443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	996216	110.752	ng	0.01
7) Phenol-d6	6.675	99	1226556	107.505	ng	0.00
23) Nitrobenzene-d5	7.622	82	767246	74.755	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	553877	111.903	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1588651	53.167	ng	0.00
79) Terphenyl-d14	13.186	244	1825959	120.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	202275	49.938	ng	99
3) Pyridine	3.787	79	505265	51.540	ng	97
4) n-Nitrosodimethylamine	3.746	42	257672	58.370	ng	97
6) Aniline	6.722	93	462227	40.875	ng	98
8) 2-Chlorophenol	6.840	128	437576	44.638	ng	99
9) Benzaldehyde	6.610	77	213969	34.824	ng	100
10) Phenol	6.687	94	492586	42.134	ng	94
11) bis(2-Chloroethyl)ether	6.787	93	384255	41.977	ng	99
12) 1,3-Dichlorobenzene	6.998	146	460718	41.678	ng	99
13) 1,4-Dichlorobenzene	7.075	146	466120	42.024	ng	100
14) 1,2-Dichlorobenzene	7.228	146	446080	42.699	ng	98
15) Benzyl Alcohol	7.192	79	354229	44.895	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	497051	38.631	ng	96
17) 2-Methylphenol	7.298	107	348317	44.036	ng	98
18) Hexachloroethane	7.569	117	161752	43.137	ng	95
19) n-Nitroso-di-n-propyla...	7.463	70	285127	41.817	ng	97
20) 3+4-Methylphenols	7.445	107	446044	42.862	ng	97
22) Acetophenone	7.463	105	588306	43.868	ng	100
24) Nitrobenzene	7.640	77	435087	41.131	ng	97
25) Isophorone	7.875	82	793180	42.863	ng	98
26) 2-Nitrophenol	7.951	139	236516	49.375	ng	90
27) 2,4-Dimethylphenol	7.981	122	322456	46.759	ng	96
28) bis(2-Chloroethoxy)met...	8.081	93	471059	42.043	ng	100
29) 2,4-Dichlorophenol	8.192	162	373064	44.756	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	390433	42.967	ng	98
31) Naphthalene	8.363	128	1269524	42.842	ng	99
32) Benzoic acid	8.092	122	256701	43.148	ng	95
33) 4-Chloroaniline	8.404	127	306224	27.868	ng	98
34) Hexachlorobutadiene	8.475	225	237287	42.533	ng	99
35) Caprolactam	8.781	113	116070m	43.949	ng	
36) 4-Chloro-3-methylphenol	8.881	107	386956	44.516	ng	95
37) 2-Methylnaphthalene	9.057	142	828460	43.190	ng	100
38) 1-Methylnaphthalene	9.157	142	772995	40.962	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	391005	30.454	ng	99
41) Hexachlorocyclopentadiene	9.204	237	431210	82.686	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	271982	31.120	ng	99

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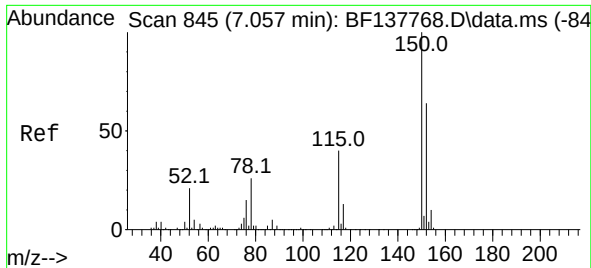
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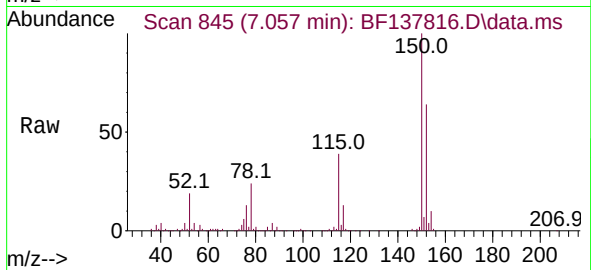
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	289561	30.005	ng	98
46) 1,1'-Biphenyl	9.522	154	1019434	30.642	ng	98
47) 2-Chloronaphthalene	9.551	162	787730	29.328	ng	100
48) 2-Nitroaniline	9.639	65	218337	29.973	ng	98
49) Acenaphthylene	9.969	152	1248832	32.141	ng	99
50) Dimethylphthalate	9.816	163	945742	30.904	ng	99
51) 2,6-Dinitrotoluene	9.881	165	209890	30.011	ng	99
52) Acenaphthene	10.139	154	1219416	47.348	ng	99
53) 3-Nitroaniline	10.051	138	216589	29.573	ng	94
54) 2,4-Dinitrophenol	10.157	184	328132	95.486	ng	92
55) Dibenzofuran	10.316	168	1627709	43.430	ng	97
56) 4-Nitrophenol	10.204	139	413336	68.094	ng	94
57) 2,4-Dinitrotoluene	10.286	165	400766	43.863	ng	99
58) Fluorene	10.657	166	1313912	44.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	330354	42.165	ng	100
60) Diethylphthalate	10.516	149	1322330	45.495	ng	100
61) 4-Chlorophenyl-phenyle...	10.645	204	655661	44.612	ng	98
62) 4-Nitroaniline	10.675	138	269671	36.301	ng	99
63) Azobenzene	10.804	77	1249021	44.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	235113	56.456	ng	99
66) n-Nitrosodiphenylamine	10.763	169	1133284	52.179	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	379304	48.847	ng	96
68) Hexachlorobenzene	11.204	284	388556	45.789	ng	99
69) Atrazine	11.286	200	339005	51.191	ng	98
70) Pentachlorophenol	11.398	266	497921	85.467	ng	99
71) Phenanthrene	11.628	178	1559076	44.085	ng	100
72) Anthracene	11.680	178	1731119	49.196	ng	100
73) Carbazole	11.827	167	1383297	40.790	ng	99
74) Di-n-butylphthalate	12.145	149	1666399	45.046	ng	100
75) Fluoranthene	12.816	202	1529387	39.562	ng	99
77) Benzidine	12.933	184	564370	95.900	ng	99
78) Pyrene	13.051	202	1365938	67.703	ng	99
80) Butylbenzylphthalate	13.657	149	354805	55.427	ng	94
81) Benzo(a)anthracene	14.239	228	758280	46.592	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	202585	41.580	ng	98
83) Chrysene	14.274	228	716677	47.030	ng	98
84) Bis(2-ethylhexyl)phtha...	14.210	149	477492	59.188	ng	99
85) Di-n-octyl phthalate	14.839	149	784041	72.214	ng	97
87) Indeno(1,2,3-cd)pyrene	17.468	276	911407	50.027	ng	98
88) Benzo(b)fluoranthene	15.351	252	782071	39.227	ng	99
89) Benzo(k)fluoranthene	15.386	252	797574	41.389	ng	98
90) Benzo(a)pyrene	15.757	252	757421	46.567	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	727200	49.039	ng	99
92) Benzo(g,h,i)perylene	17.974	276	693317	44.599	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: BF137816.D
Acq: 02 May 2024 15:45

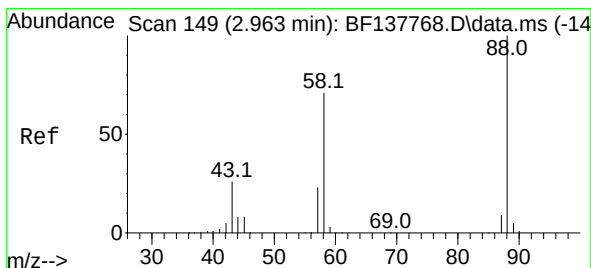
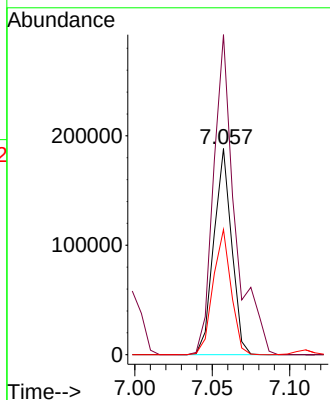
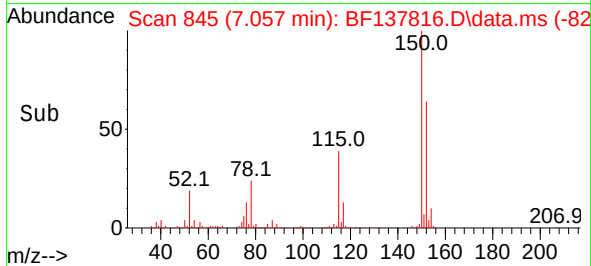
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:152 Resp: 150600
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 60.7 49.1 73.7

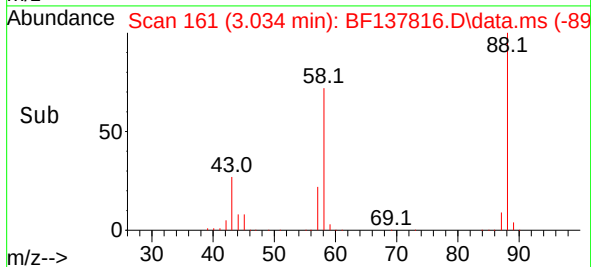
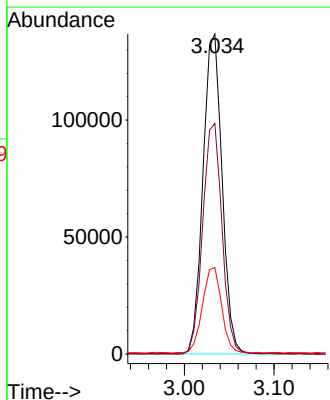
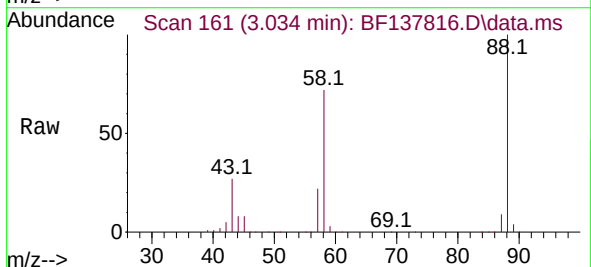
Manual Integrations
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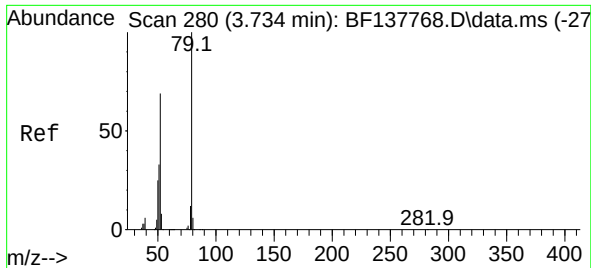
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#2
1,4-Dioxane
Concen: 49.938 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.071 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

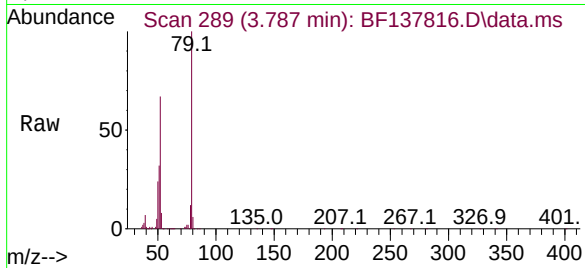
Tgt Ion: 88 Resp: 202275
Ion Ratio Lower Upper
88 100
58 72.9 58.8 88.2
43 26.9 21.4 32.0





#3
Pyridine
Concen: 51.540 ng
RT: 3.787 min Scan# 20
Delta R.T. 0.053 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

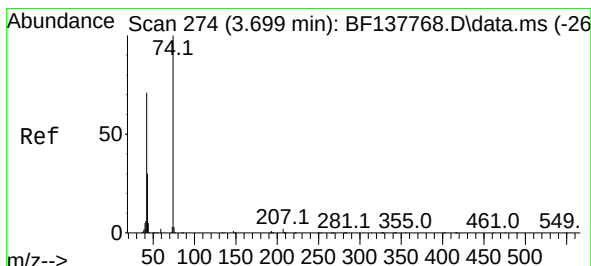
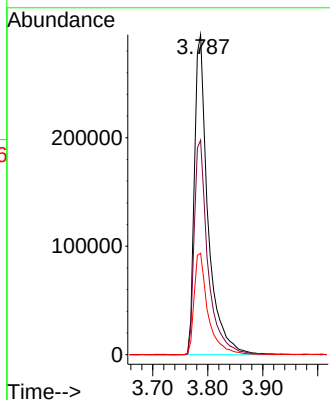
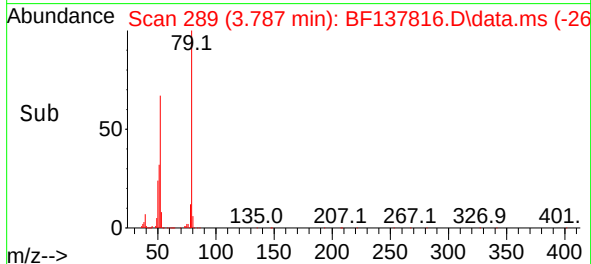
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



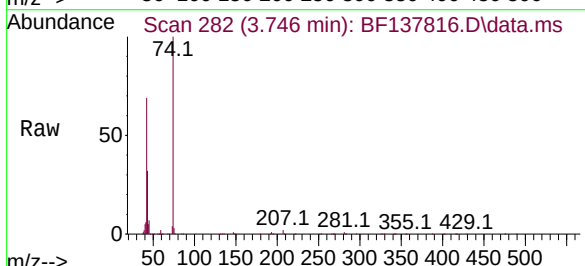
Tgt Ion: 79 Resp: 50526
Ion Ratio Lower Upper
79 100
52 67.1 55.5 83.3
51 31.7 26.9 40.3

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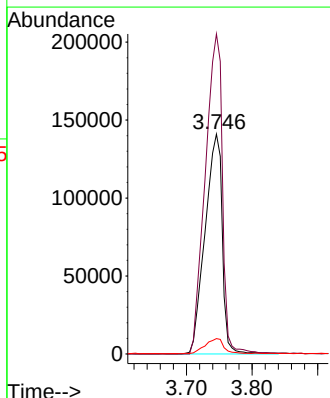
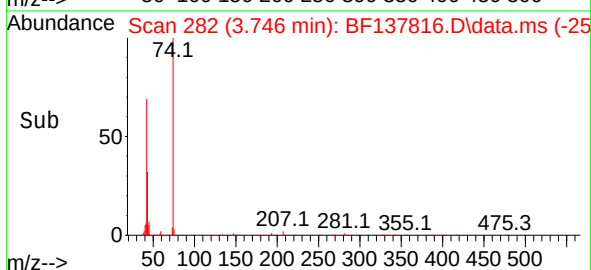
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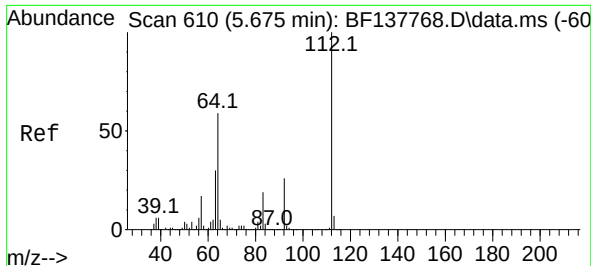


#4
n-Nitrosodimethylamine
Concen: 58.370 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.047 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



Tgt Ion: 42 Resp: 257672
Ion Ratio Lower Upper
42 100
74 145.5 112.9 169.3
44 7.0 5.6 8.4





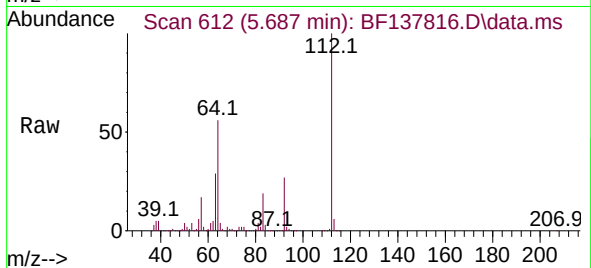
#5
2-Fluorophenol
Concen: 110.752 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

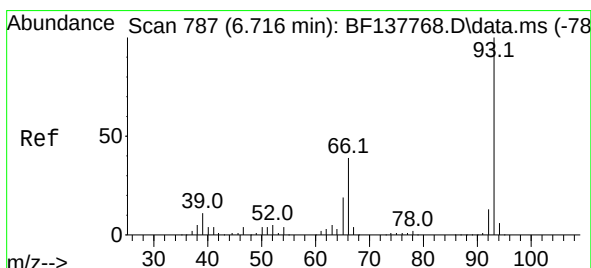
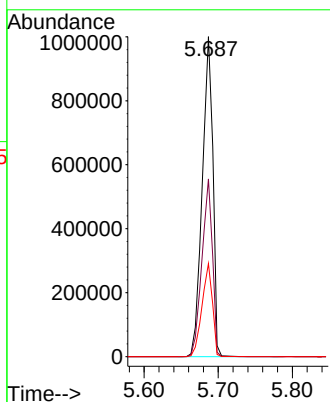
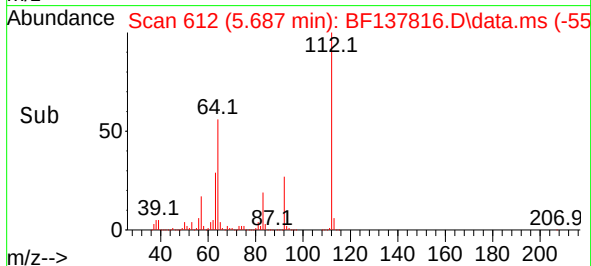


Tgt Ion:112 Resp: 996210
Ion Ratio Lower Upper
112 100
64 55.5 47.3 70.9
63 29.1 23.7 35.5

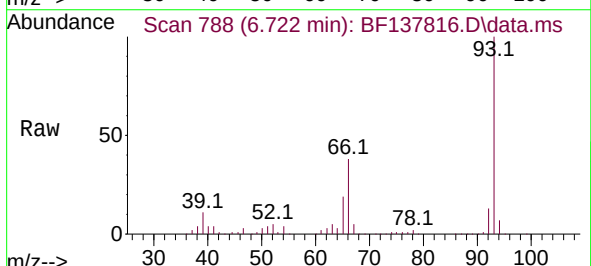
Manual Integrations

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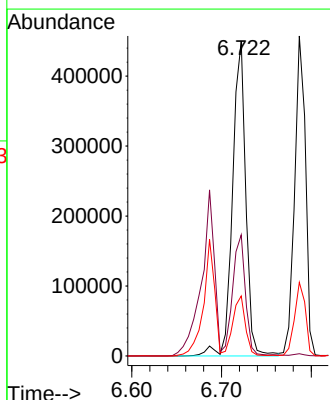
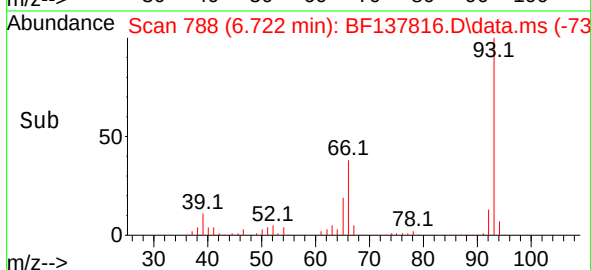
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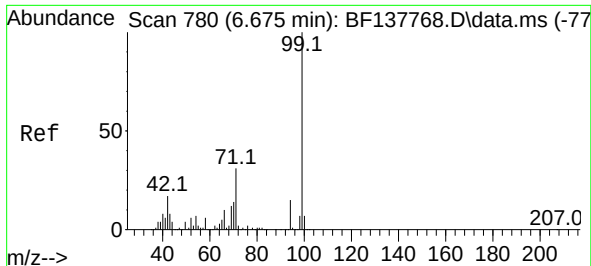


#6
Aniline
Concen: 40.875 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



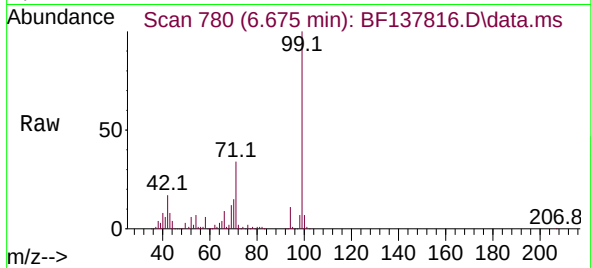
Tgt Ion: 93 Resp: 462227
Ion Ratio Lower Upper
93 100
66 38.5 31.8 47.6
65 19.1 15.4 23.2





#7
Phenol-d6
Concen: 107.505 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

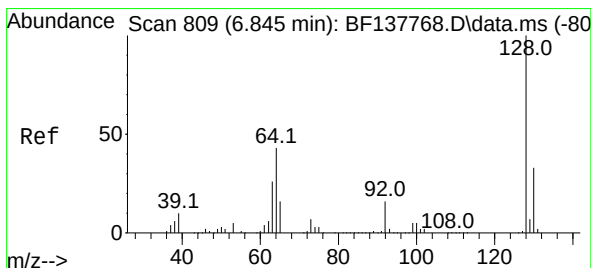
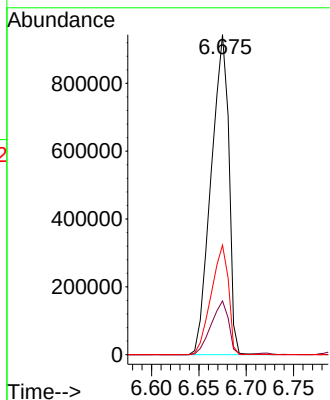
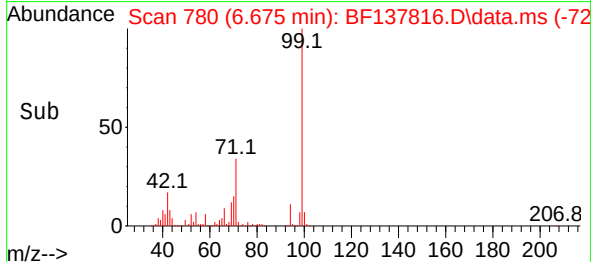
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion: 99 Resp: 122655
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 34.2 25.0 37.4

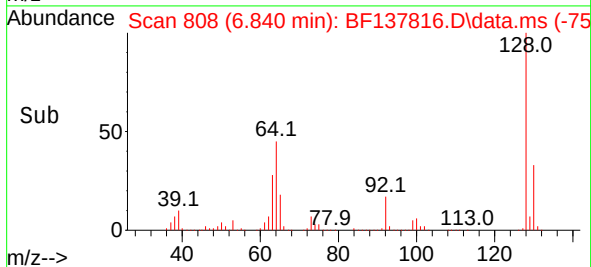
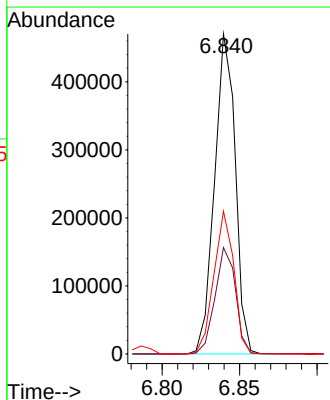
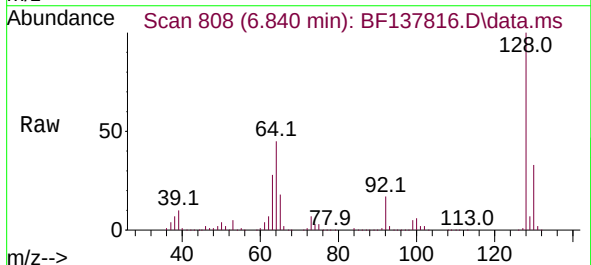
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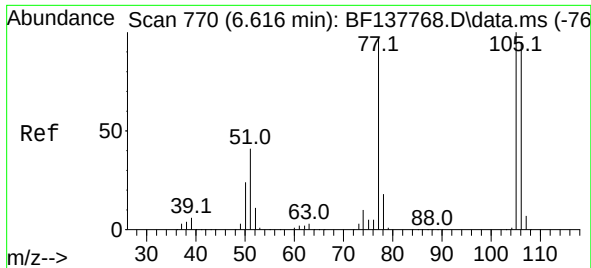
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#8
2-Chlorophenol
Concen: 44.638 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

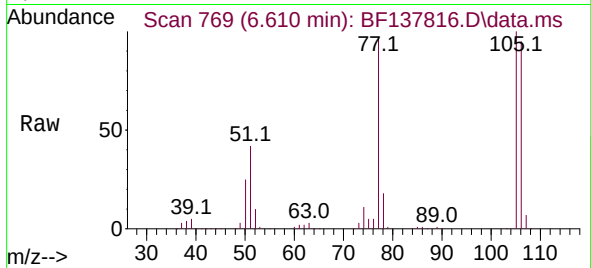
Tgt Ion:128 Resp: 437576
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 44.6 23.9 63.9





#9
Benzaldehyde
Concen: 34.824 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

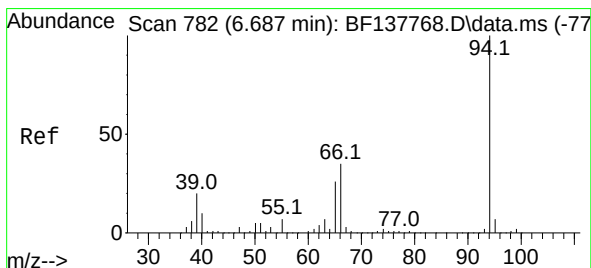
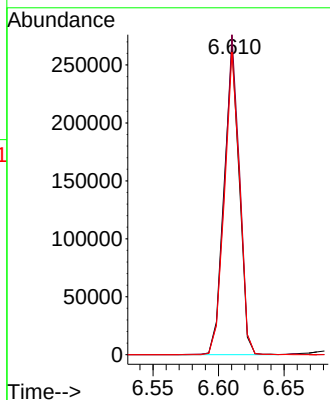
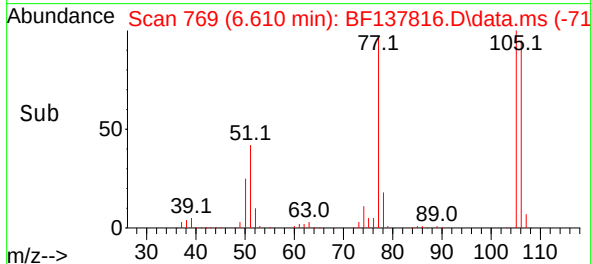
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion: 77 Resp: 21396
Ion Ratio Lower Upper
77 100
105 103.4 83.2 123.2
106 97.8 77.7 117.7

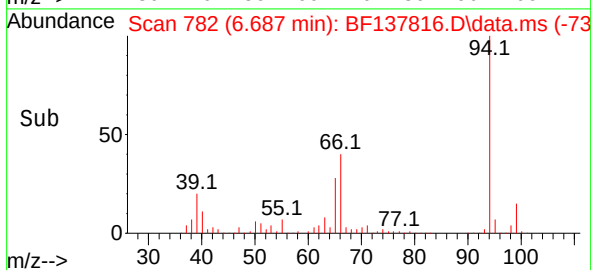
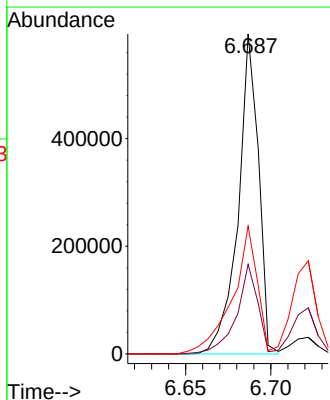
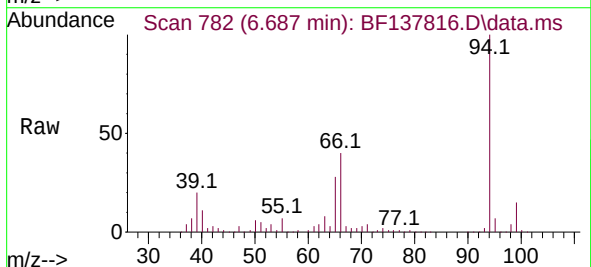
Manual Integrations
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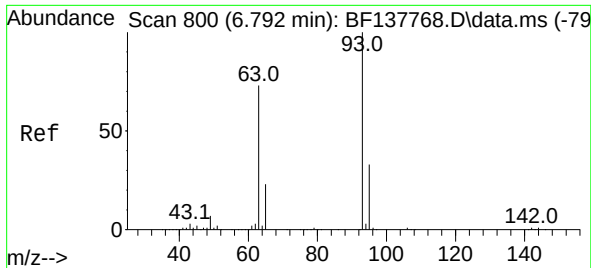
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#10
Phenol
Concen: 42.134 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

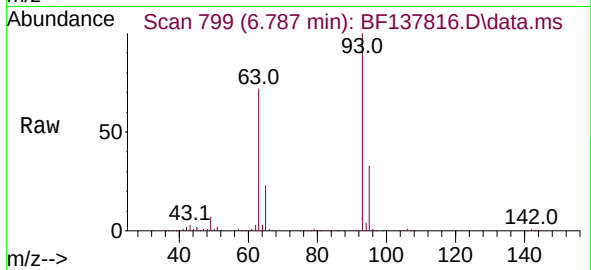
Tgt Ion: 94 Resp: 492586
Ion Ratio Lower Upper
94 100
65 28.0 6.4 46.4
66 39.9 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 41.977 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

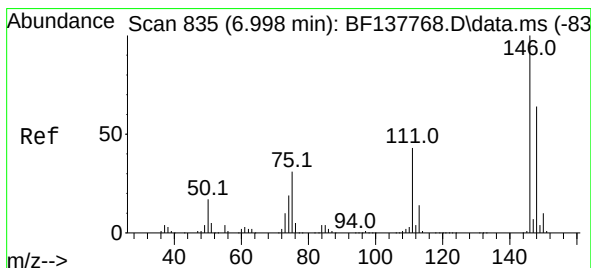
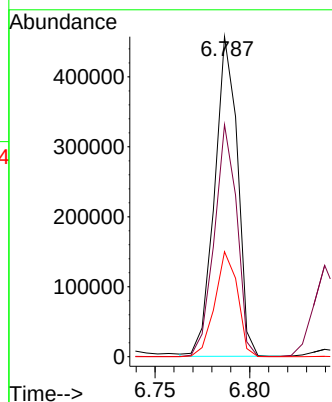
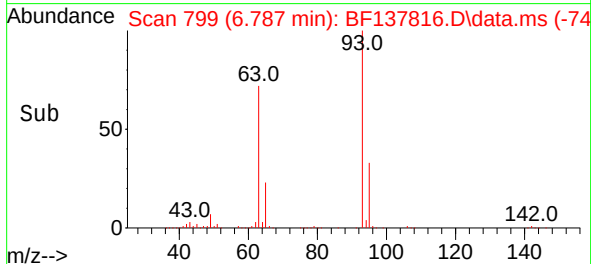
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion: 93 Resp: 38425
Ion Ratio Lower Upper
93 100
63 72.5 51.6 91.6
95 32.8 12.1 52.1

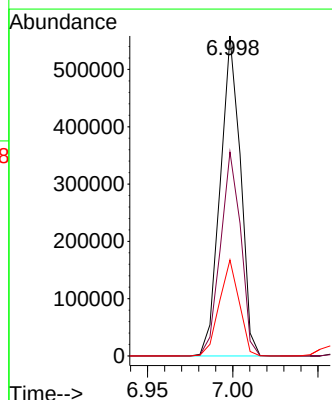
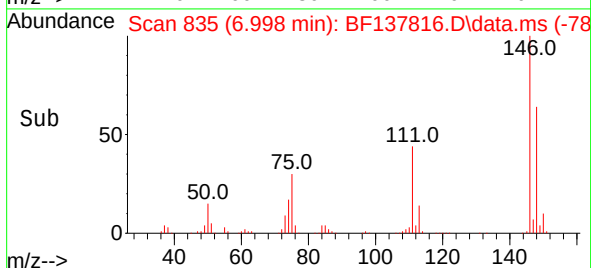
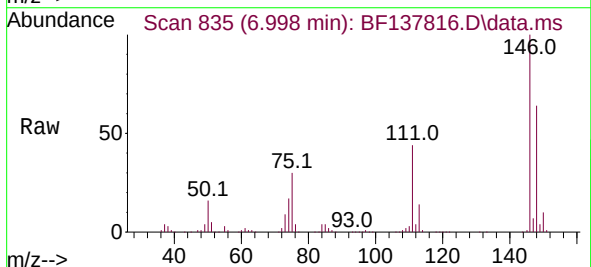
Manual Integrations
APPROVED

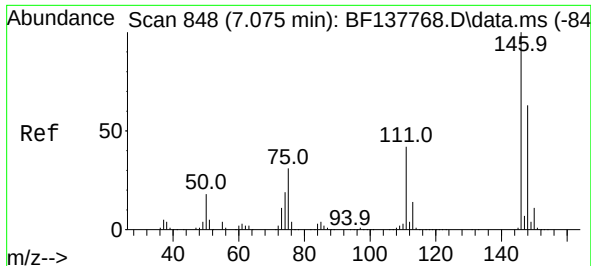
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 41.678 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:146 Resp: 460718
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 30.0 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.024 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137816.D

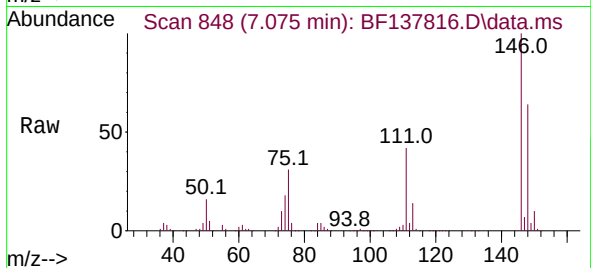
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:146 Resp: 466120

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

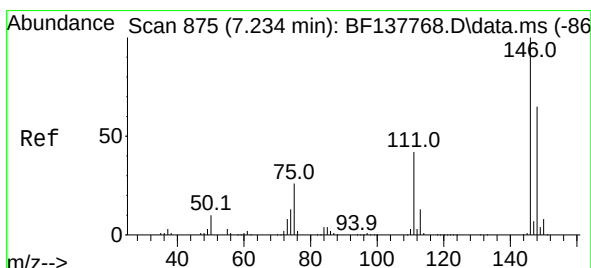
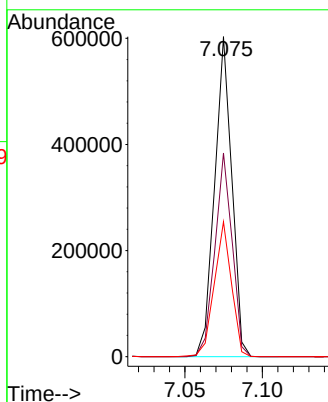
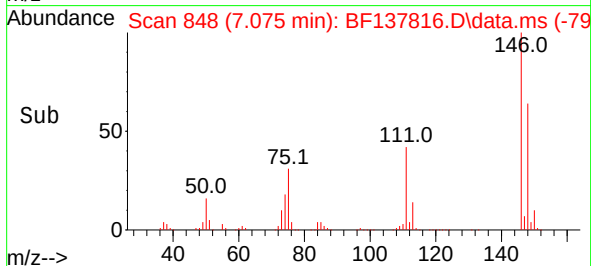
111 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#14

1,2-Dichlorobenzene

Concen: 42.699 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

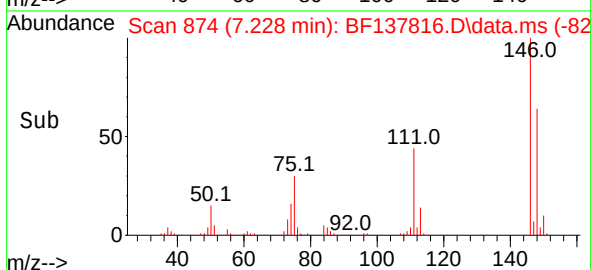
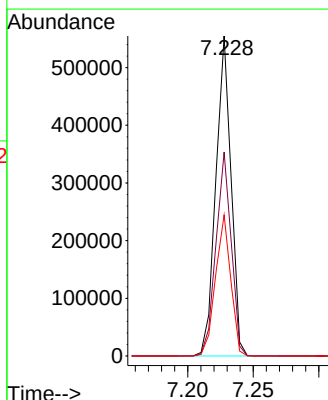
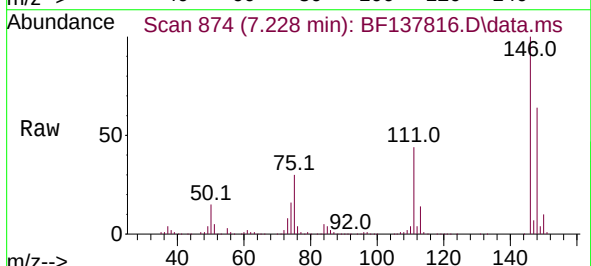
Tgt Ion:146 Resp: 446080

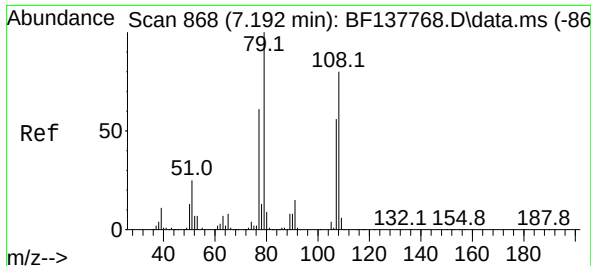
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 44.0 33.6 50.4





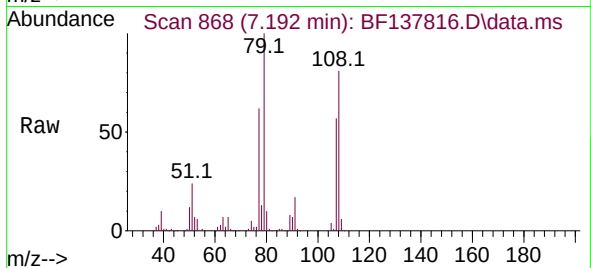
#15
Benzyl Alcohol
Concen: 44.895 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



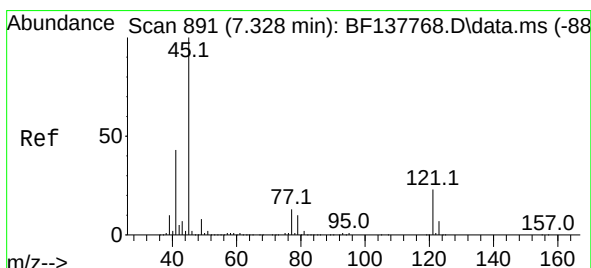
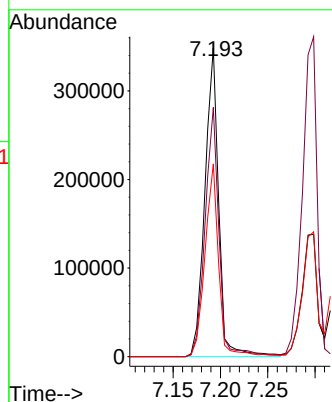
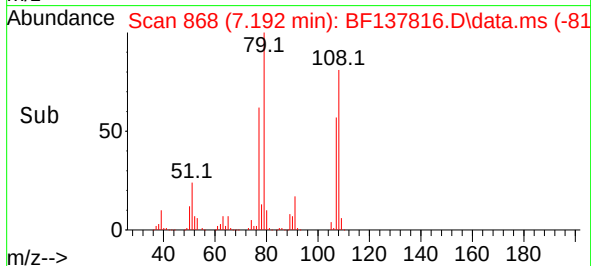
Tgt Ion: 79 Resp: 354229
Ion Ratio Lower Upper
79 100
108 80.7 64.2 96.2
77 62.4 48.5 72.7

Manual Integrations

APPROVED

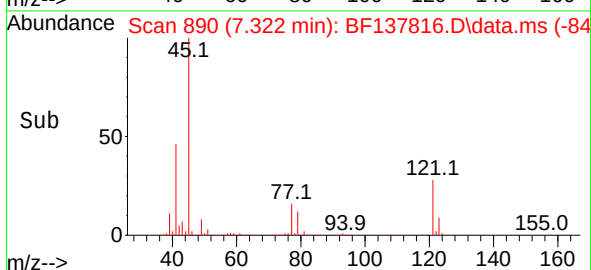
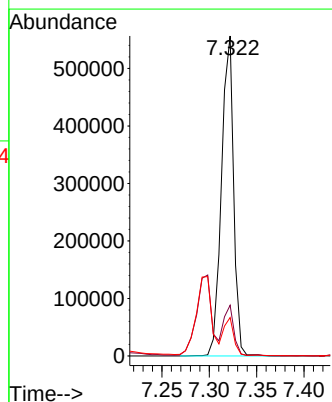
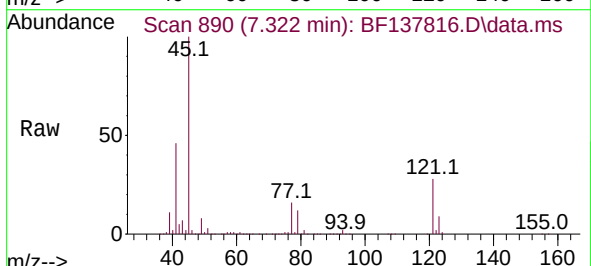
Reviewed By :Yogesh Patel 05/03/2024

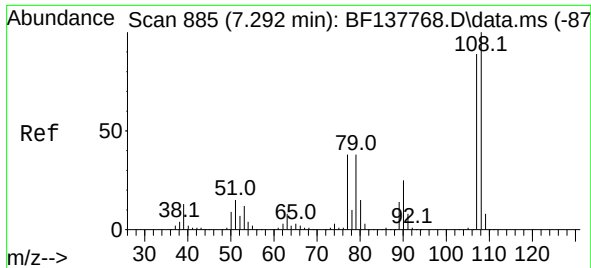
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.631 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion: 45 Resp: 497051
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 12.0 0.0 31.0





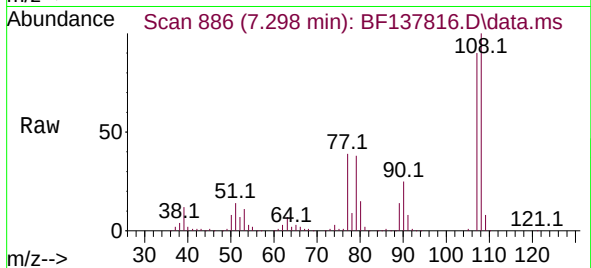
#17
2-Methylphenol
Concen: 44.036 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

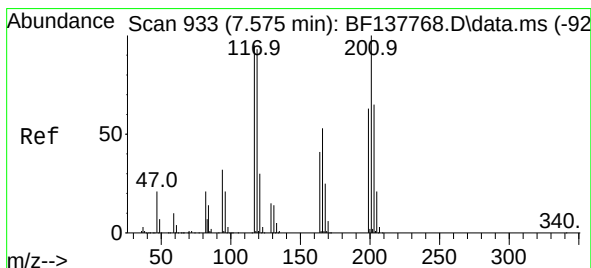
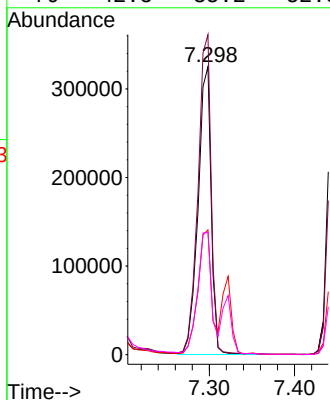
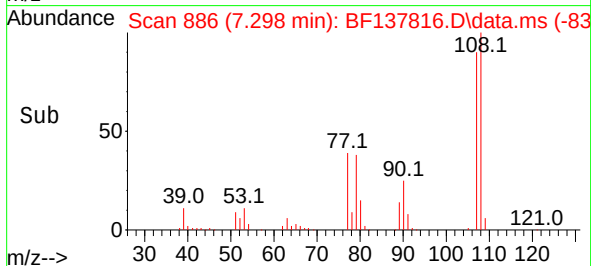


Tgt Ion:107 Resp: 34831
Ion Ratio Lower Upper
107 100
108 111.1 90.5 135.7
77 43.3 34.5 51.7
79 42.5 35.2 52.8

Manual Integrations

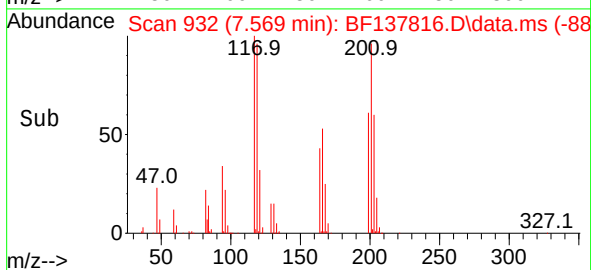
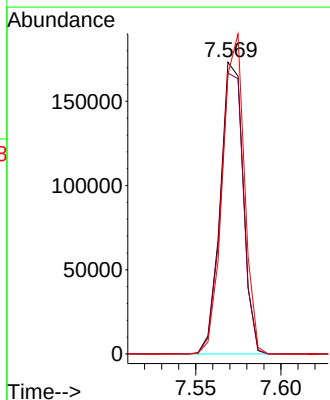
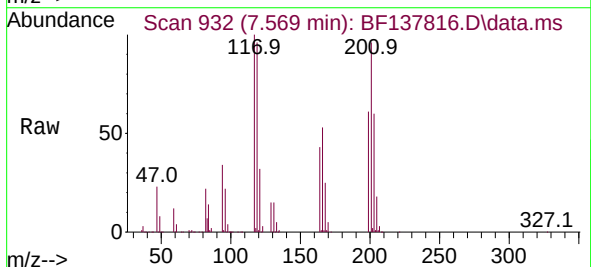
APPROVED

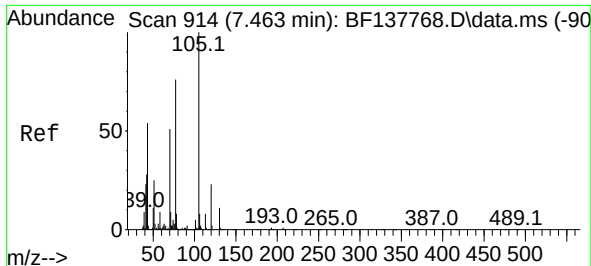
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 43.137 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:117 Resp: 161752
Ion Ratio Lower Upper
117 100
119 96.3 77.6 116.4
201 95.9 83.8 125.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.817 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF137816.D

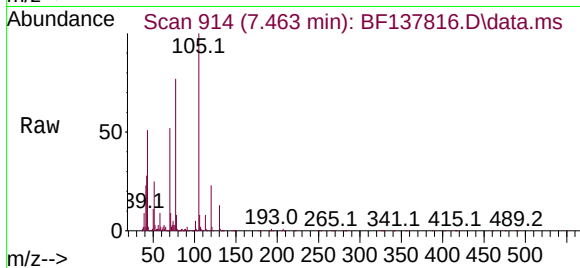
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion: 70 Resp: 28512

Ion Ratio Lower Upper

70 100

42 53.9 44.6 66.8

101 10.5 7.8 11.6

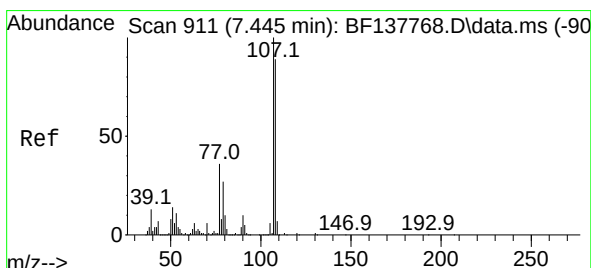
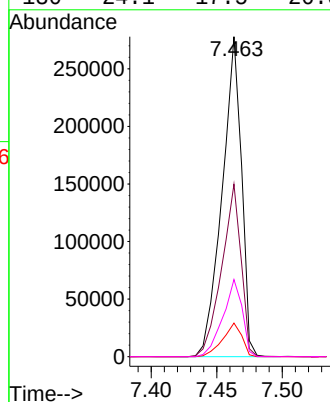
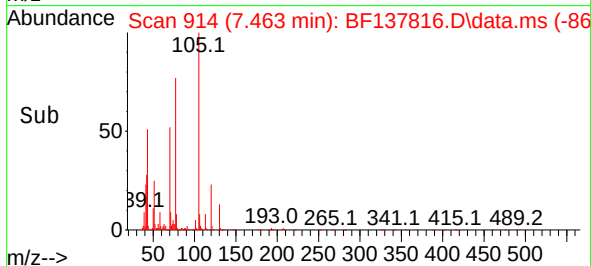
130 24.1 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#20

3+4-Methylphenols

Concen: 42.862 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:107 Resp: 446044

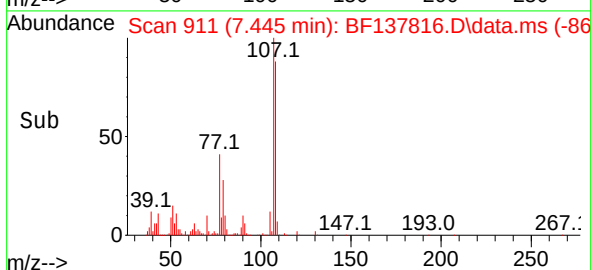
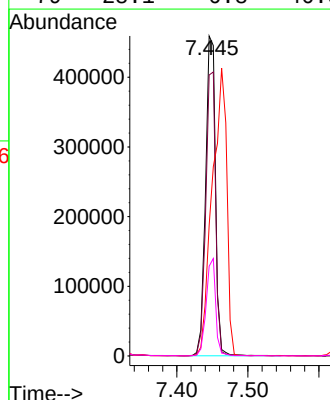
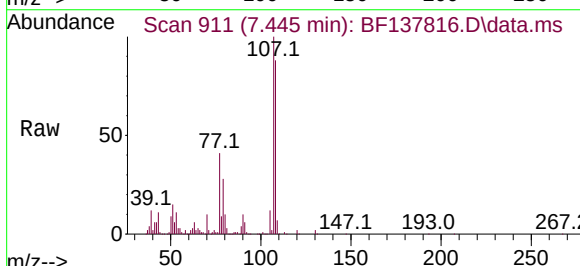
Ion Ratio Lower Upper

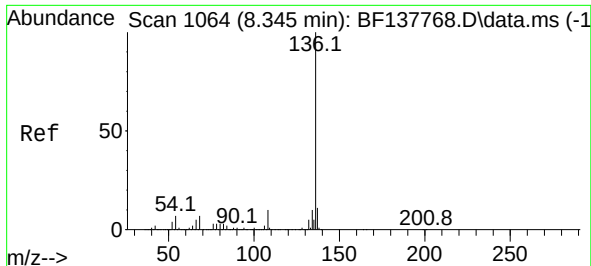
107 100

108 87.8 69.3 109.3

77 40.8 15.7 55.7

79 28.1 6.8 46.8





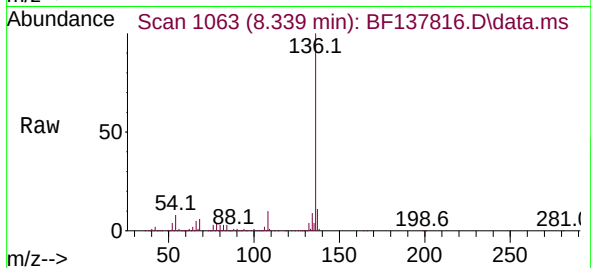
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



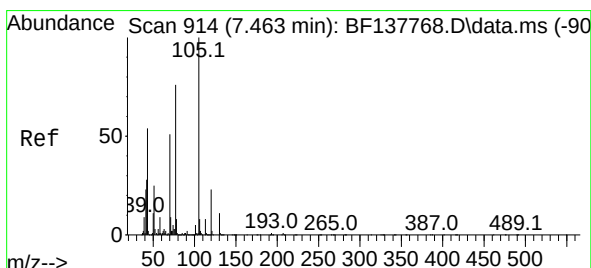
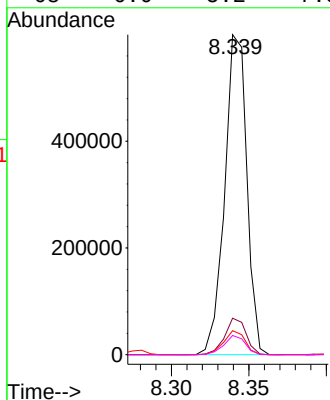
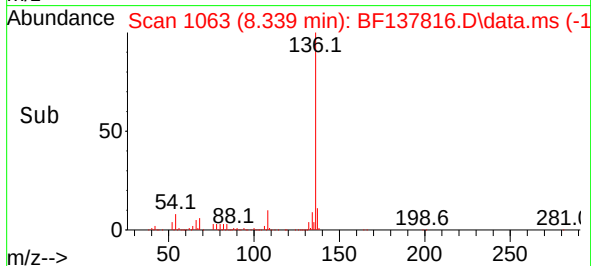
Tgt Ion:136 Resp: 596280
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.5 5.8 8.8
68 6.0 5.2 7.8

Manual Integrations

APPROVED

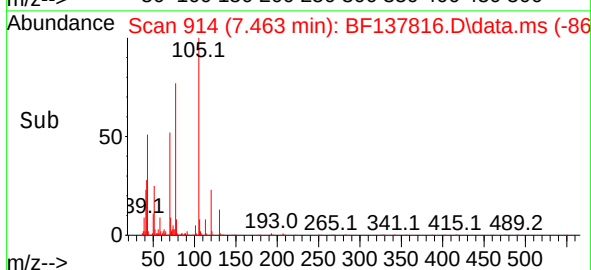
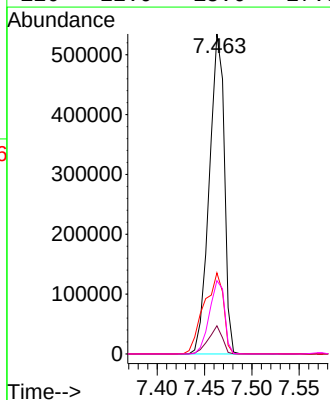
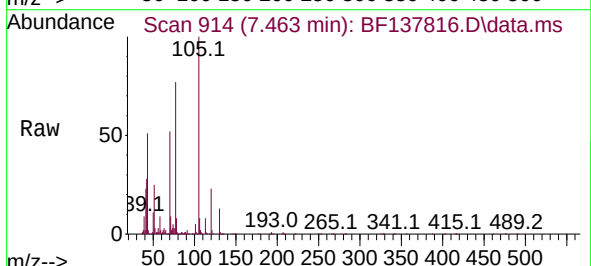
Reviewed By :Yogesh Patel 05/03/2024

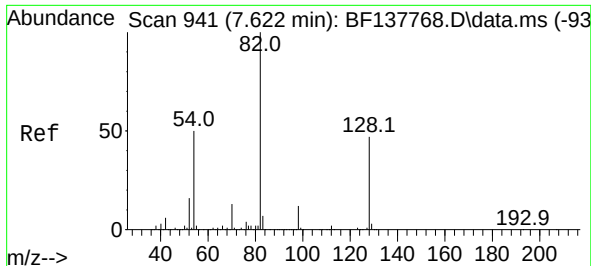
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 43.868 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:105 Resp: 588306
Ion Ratio Lower Upper
105 100
71 8.8 6.9 10.3
51 25.4 20.2 30.2
120 22.9 18.6 27.8





#23

Nitrobenzene-d5

Concen: 74.755 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137816.D

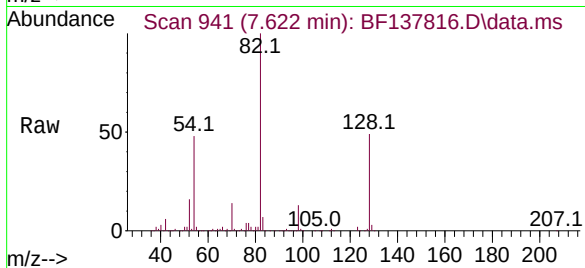
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



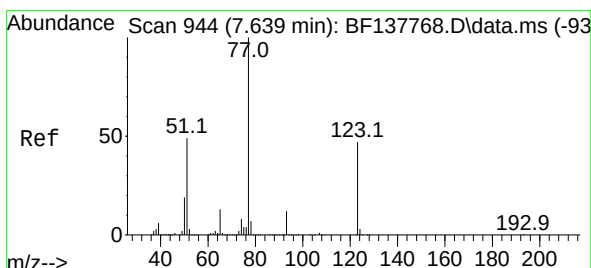
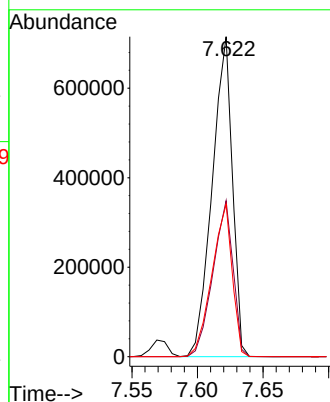
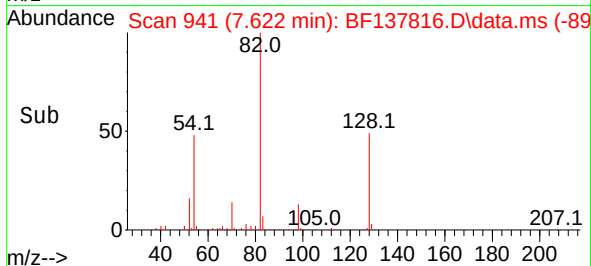
Tgt Ion:	82	Resp:	767240
Ion Ratio	Lower	Upper	
82	100		
128	48.8	37.5	56.3
54	47.6	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 41.131 ng

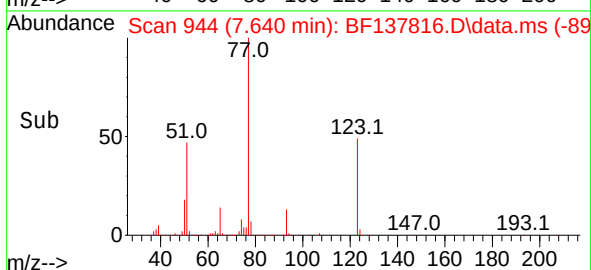
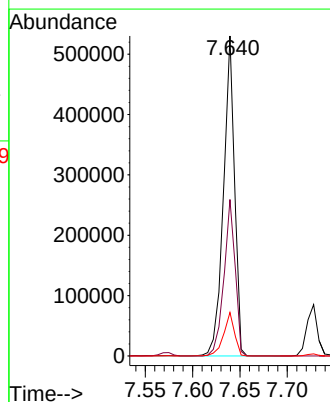
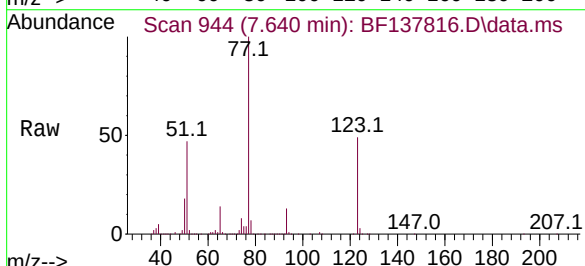
RT: 7.640 min Scan# 944

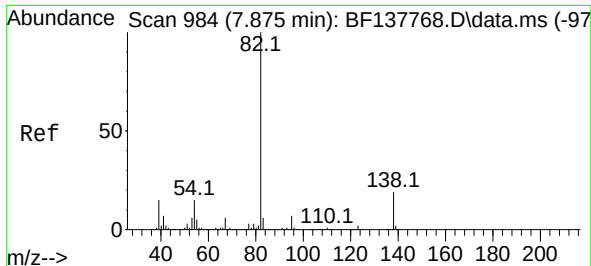
Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

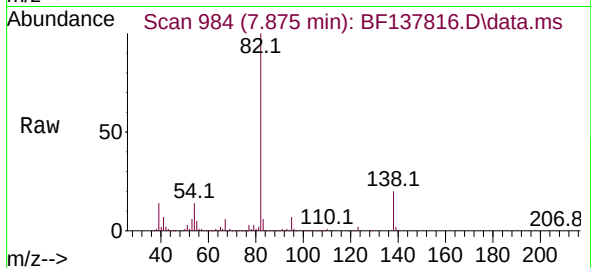
Tgt Ion:	77	Resp:	435087
Ion Ratio	Lower	Upper	
77	100		
123	48.9	37.4	56.2
65	13.6	10.7	16.1





#25
Isophorone
Concen: 42.863 ng
RT: 7.875 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

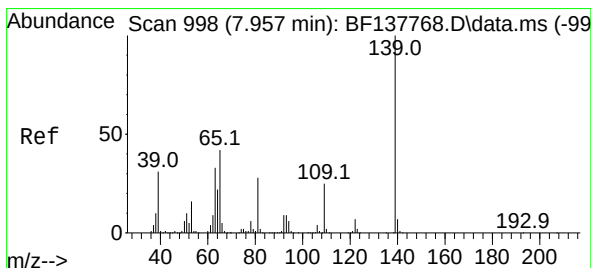
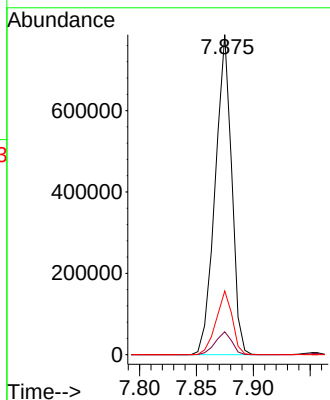
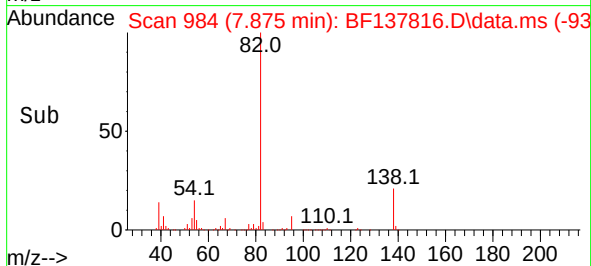
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



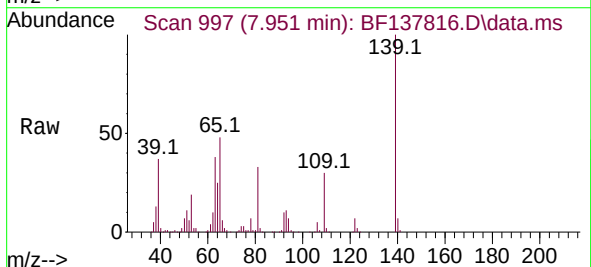
Tgt Ion: 82 Resp: 793180
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.9 15.0 22.6

Manual Integrations
APPROVED

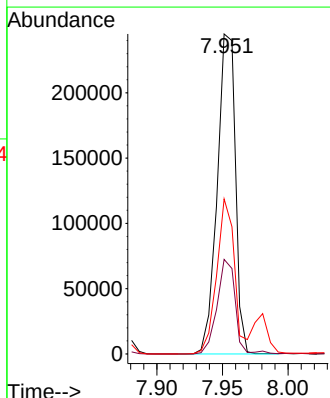
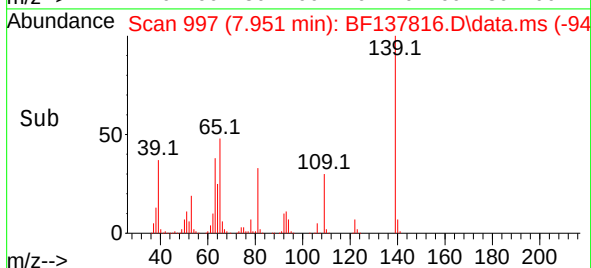
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

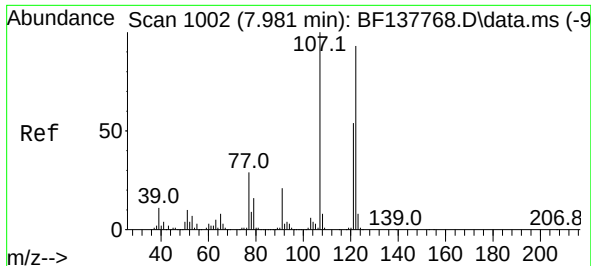


#26
2-Nitrophenol
Concen: 49.375 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



Tgt Ion:139 Resp: 236516
Ion Ratio Lower Upper
139 100
109 29.5 20.2 30.2
65 48.4 33.4 50.0





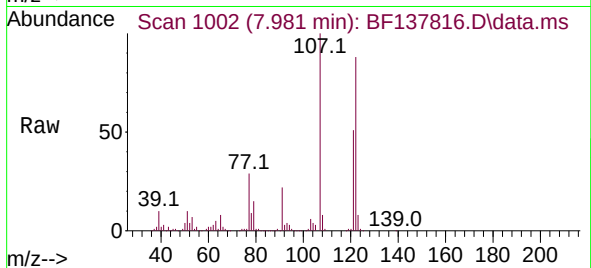
#27
2,4-Dimethylphenol
Concen: 46.759 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



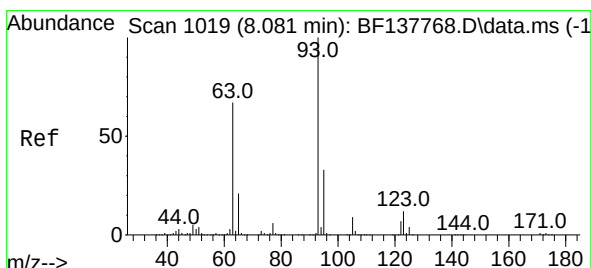
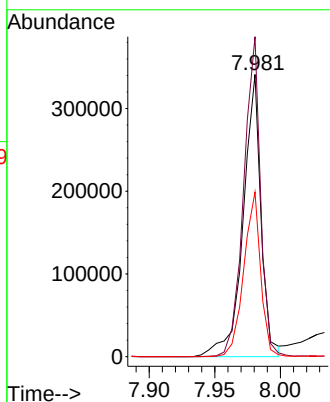
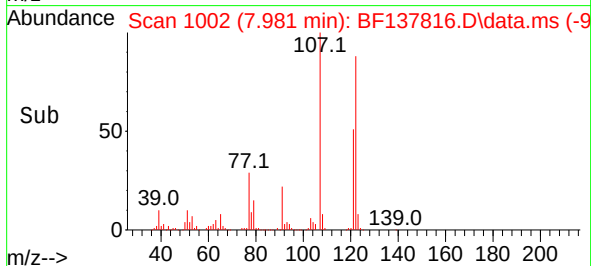
Tgt Ion:122 Resp: 322450
Ion Ratio Lower Upper
122 100
107 113.4 85.8 128.8
121 58.3 46.6 69.8

Manual Integrations

APPROVED

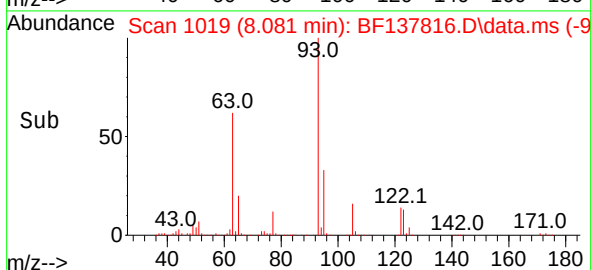
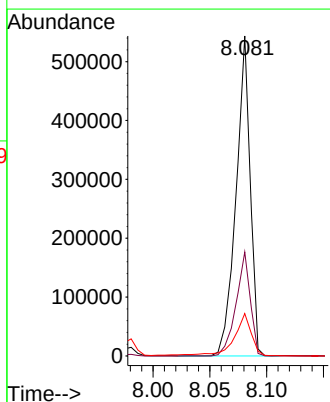
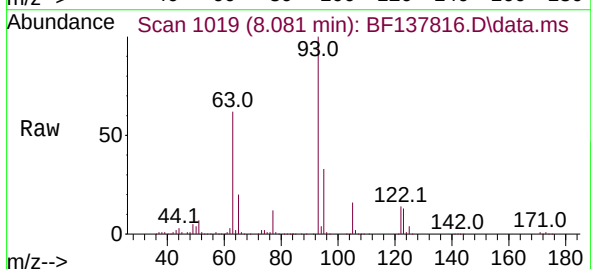
Reviewed By :Yogesh Patel 05/03/2024

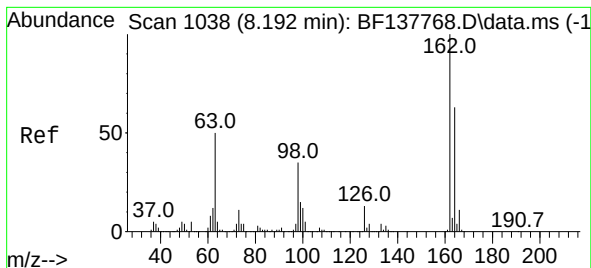
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.043 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion: 93 Resp: 471059
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 13.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.756 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

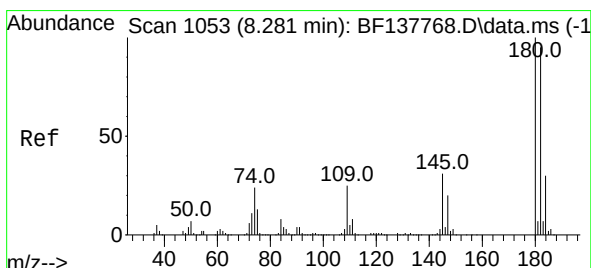
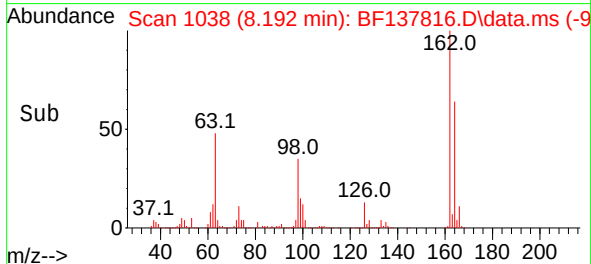
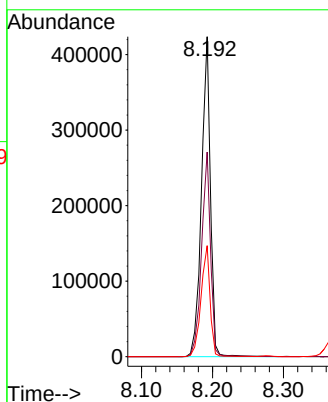
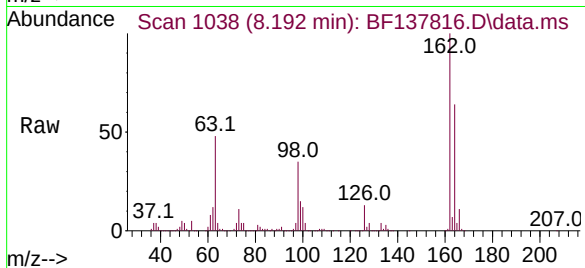
Tgt Ion:162 Resp: 373064
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.5 83.5
 98 34.7 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.967 ng

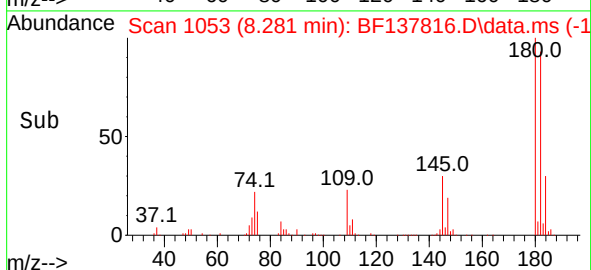
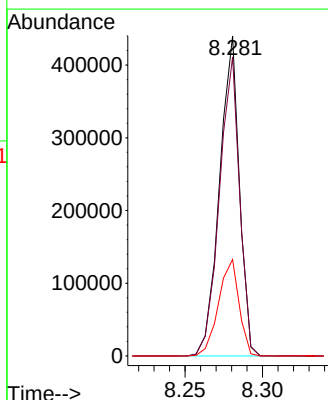
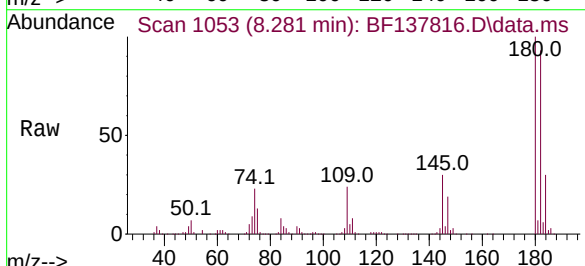
RT: 8.281 min Scan# 1053

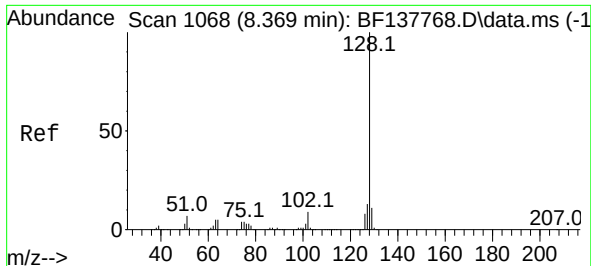
Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:180 Resp: 390433
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.2 114.2
 145 30.1 25.1 37.7





#31

Naphthalene

Concen: 42.842 ng

RT: 8.363 min Scan# 1068

Delta R.T. -0.006 min

Lab File: BF137816.D

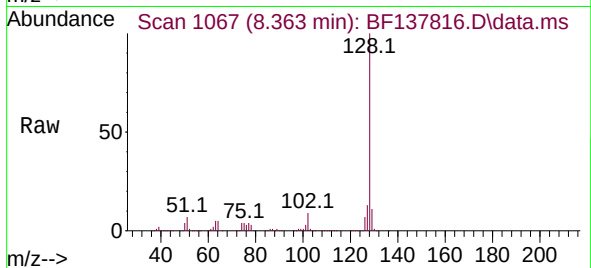
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:128 Resp: 1269524

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

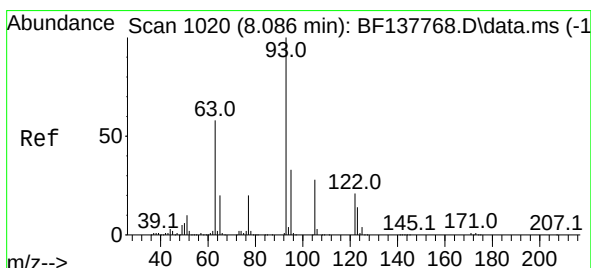
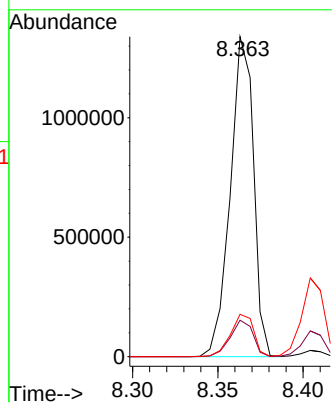
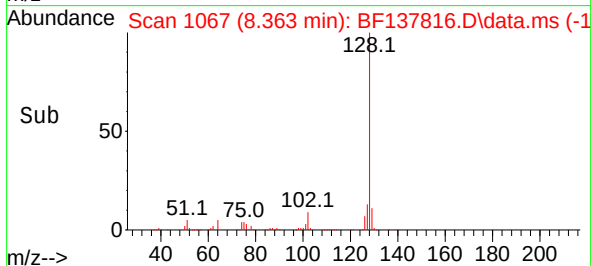
127 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#32

Benzoic acid

Concen: 43.148 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

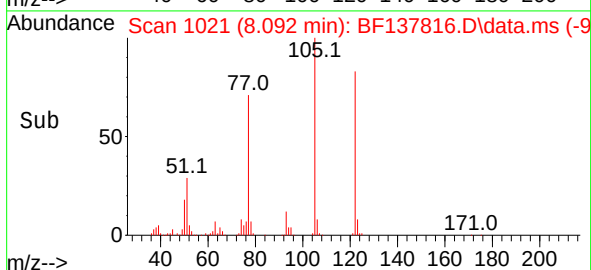
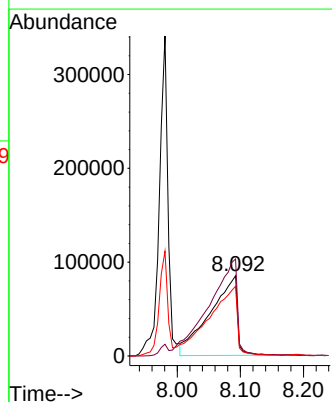
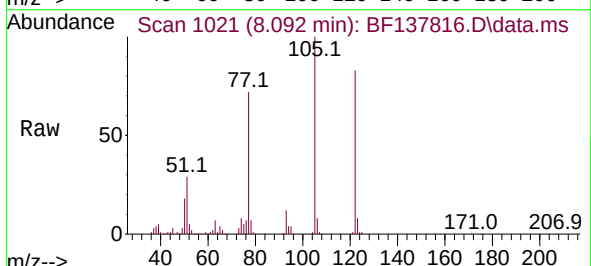
Tgt Ion:122 Resp: 256701

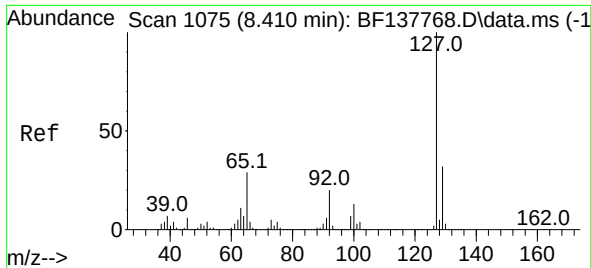
Ion Ratio Lower Upper

122 100

105 121.0 105.3 145.3

77 87.1 73.2 113.2





#33

4-Chloroaniline

Concen: 27.868 ng

RT: 8.404 min Scan# 1075

Delta R.T. -0.006 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

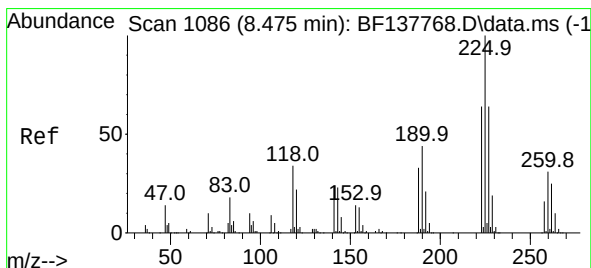
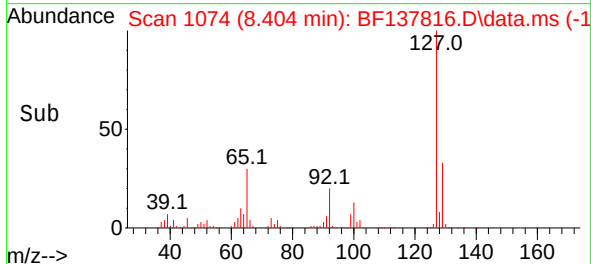
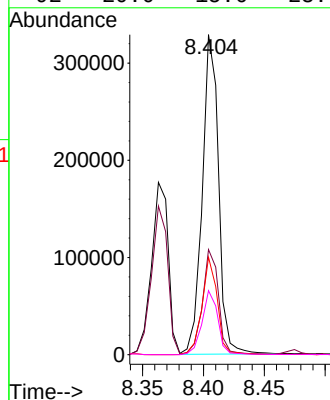
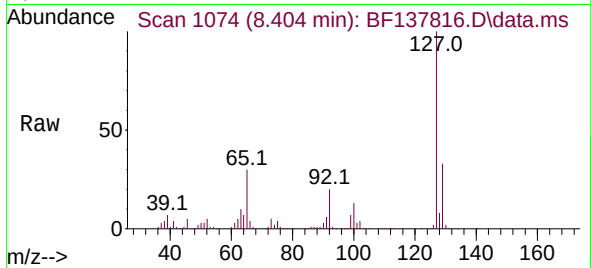
Tgt Ion:	127	Resp:	306224
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.7	38.5
65	30.5	23.4	35.2
92	20.0	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 42.533 ng

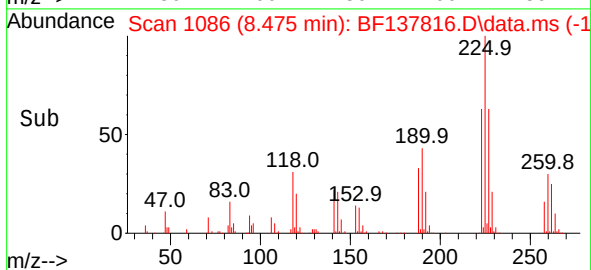
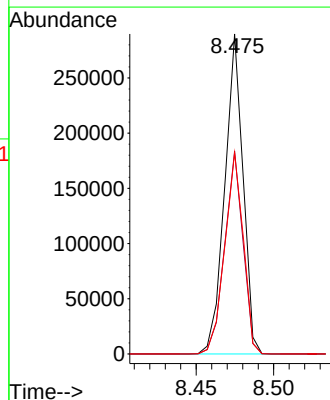
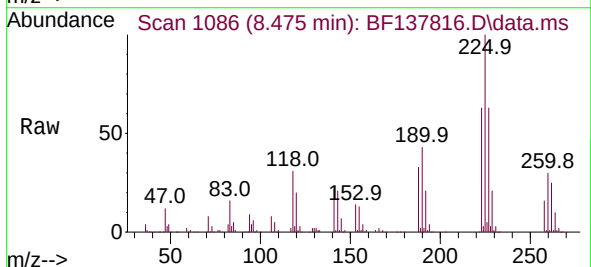
RT: 8.475 min Scan# 1086

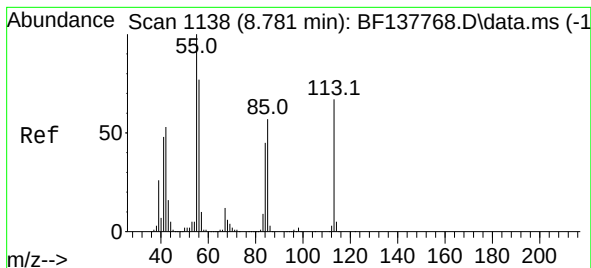
Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:	225	Resp:	237287
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.1	76.7
227	62.9	51.4	77.0





#35

Caprolactam

Concen: 43.949 ng m

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF137816.D

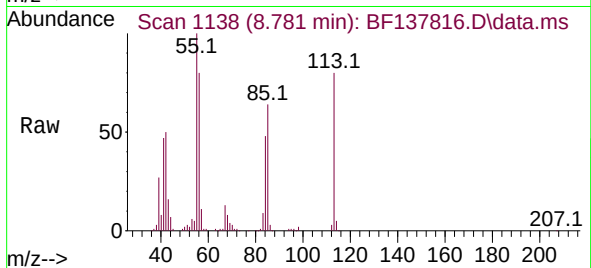
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:113 Resp: 116070

Ion Ratio Lower Upper

113 100

55 124.4 128.7 168.7

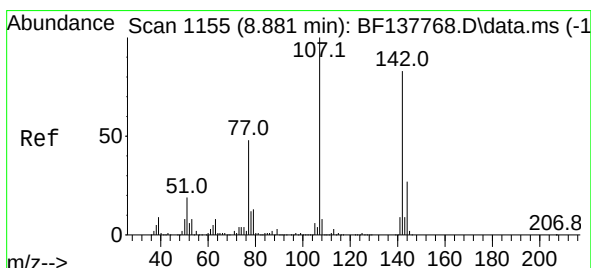
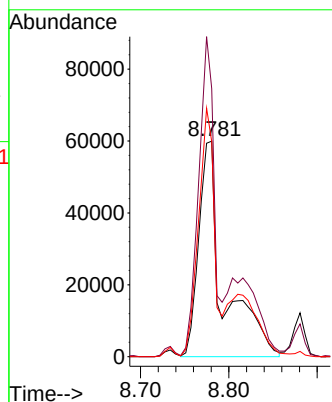
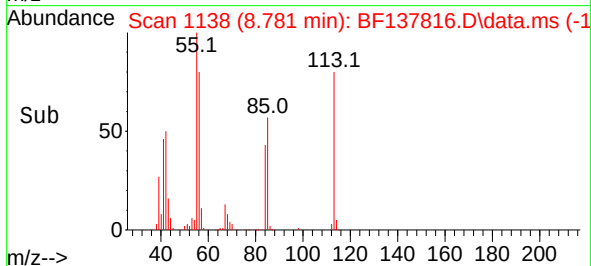
56 99.8 93.9 133.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#36

4-Chloro-3-methylphenol

Concen: 44.516 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

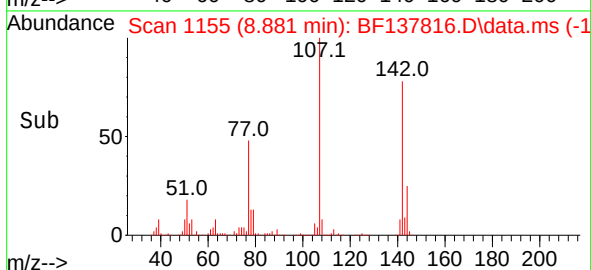
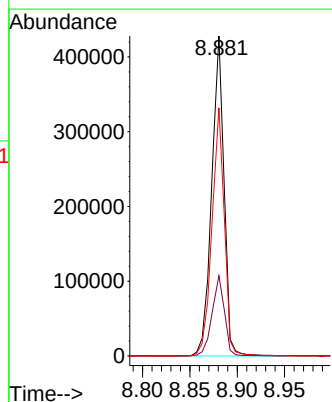
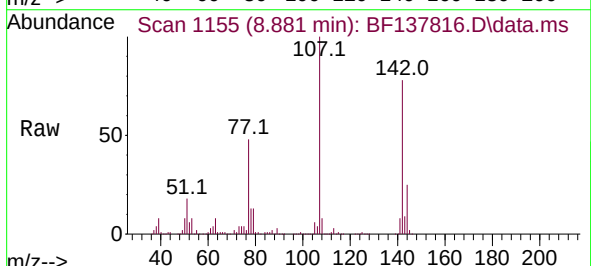
Tgt Ion:107 Resp: 386956

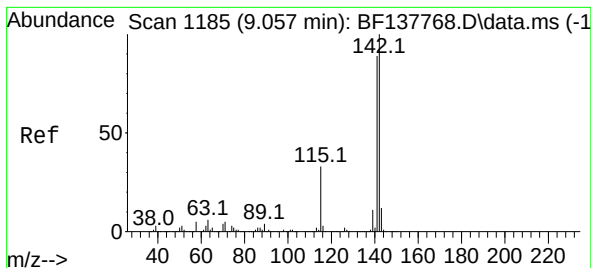
Ion Ratio Lower Upper

107 100

144 25.1 21.4 32.0

142 77.6 66.2 99.2





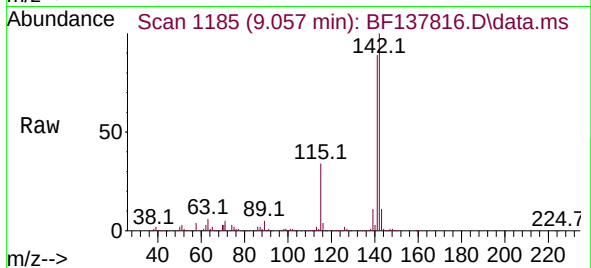
#37
2-Methylnaphthalene
Concen: 43.190 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



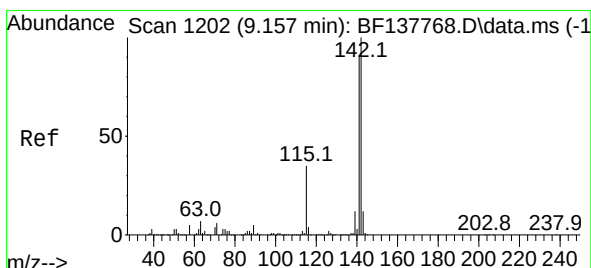
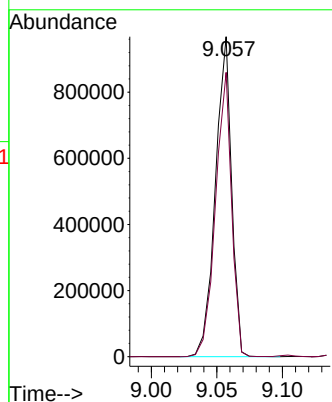
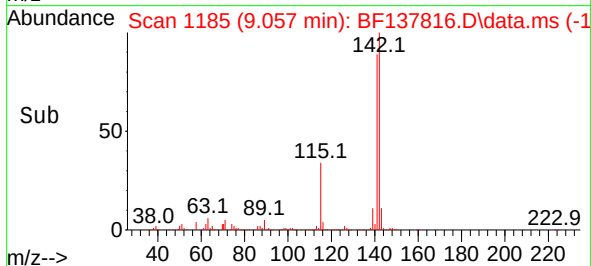
Tgt Ion:142 Resp: 828460
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2

Manual Integrations

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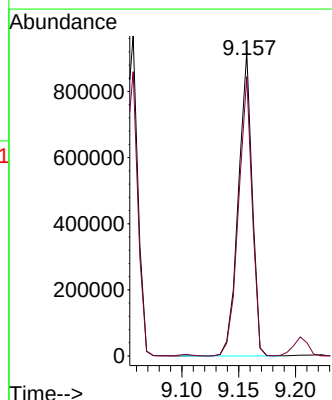
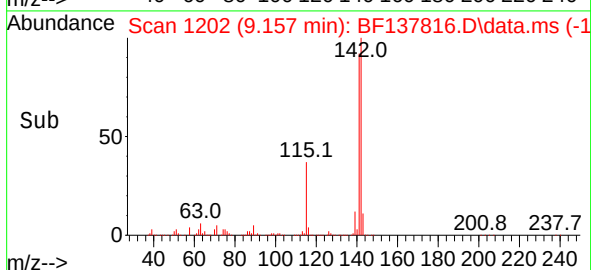
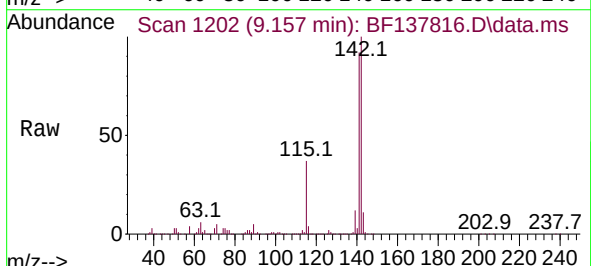
Reviewed By :Yogesh Patel 05/03/2024

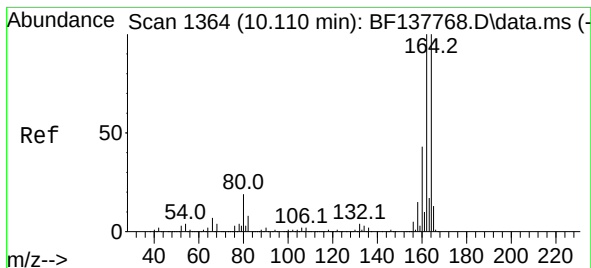
Supervised By :mohammad ahmed 05/03/2024



#38
1-Methylnaphthalene
Concen: 40.962 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:142 Resp: 772995
Ion Ratio Lower Upper
142 100
141 91.9 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: BF137816.D

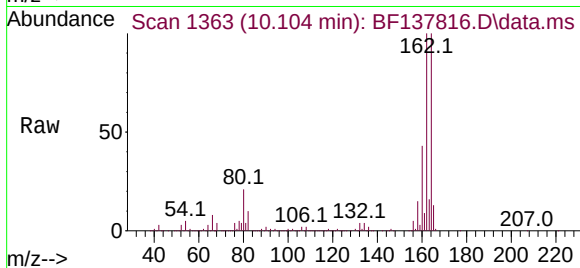
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:164 Resp: 484769

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

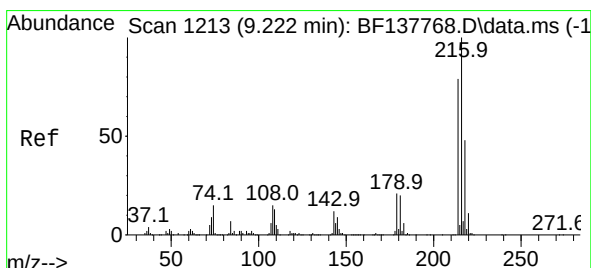
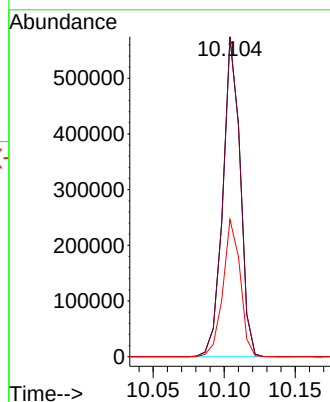
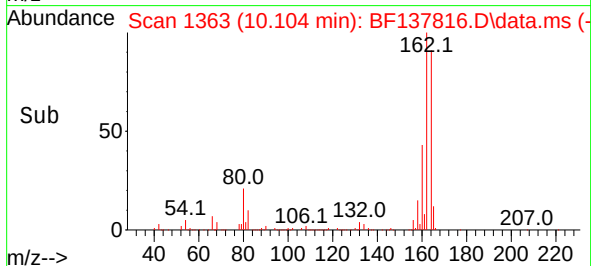
160 42.9 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.454 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:216 Resp: 391005

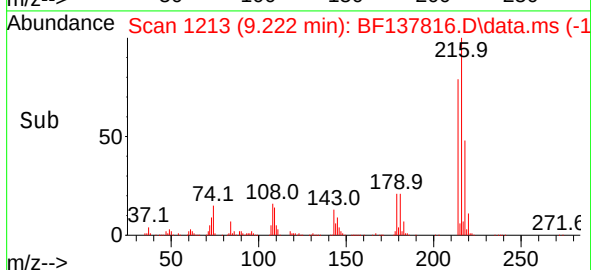
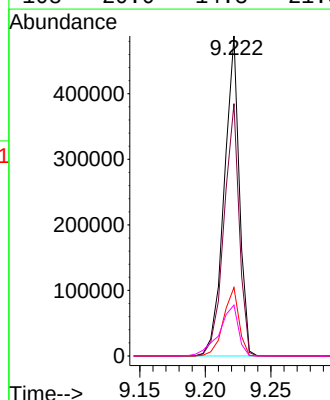
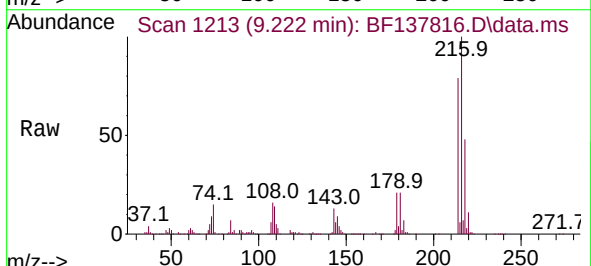
Ion Ratio Lower Upper

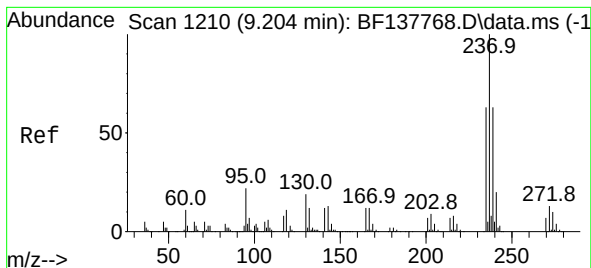
216 100

214 79.1 63.3 94.9

179 21.6 16.8 25.2

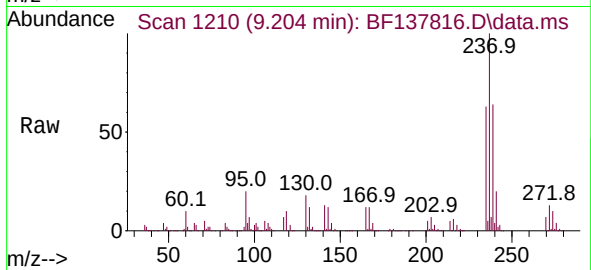
108 20.0 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 82.686 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

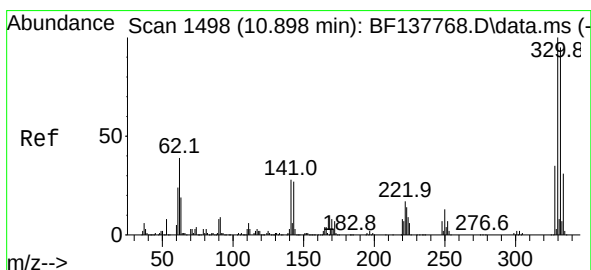
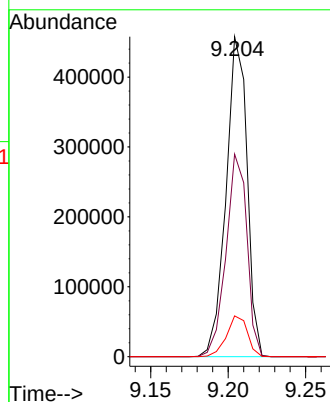
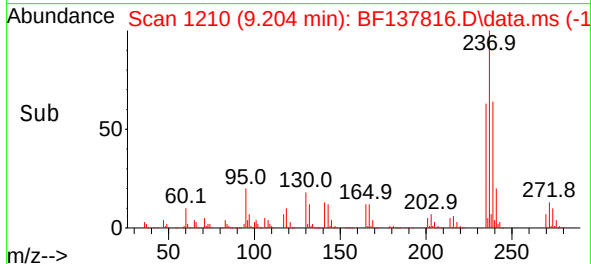
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



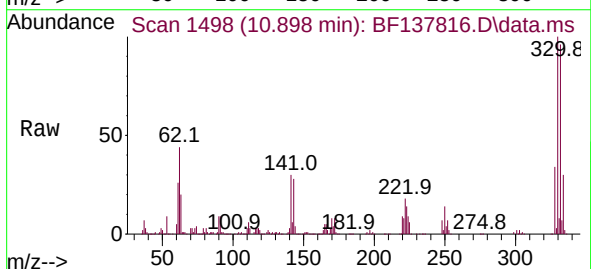
Tgt Ion:237 Resp: 431210
Ion Ratio Lower Upper
237 100
235 63.3 43.0 83.0
272 12.8 0.0 32.8

Manual Integrations
APPROVED

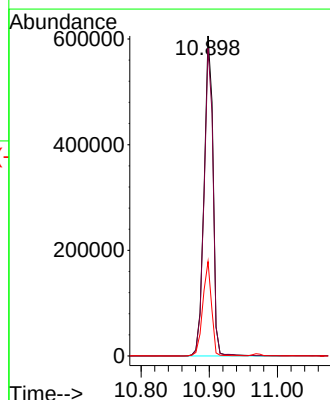
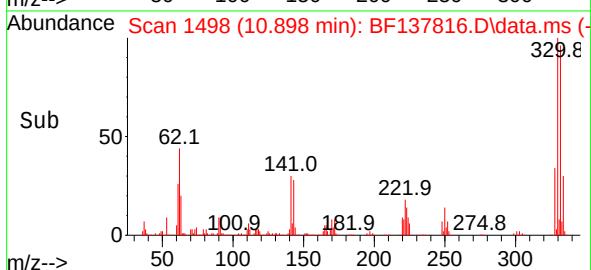
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

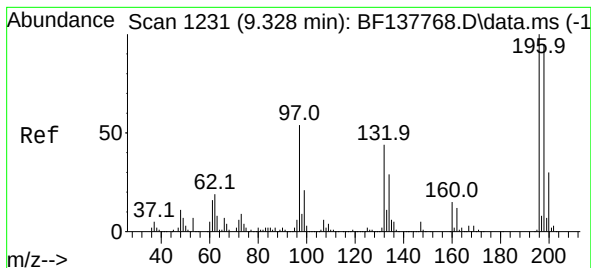


#42
2,4,6-Tribromophenol
Concen: 111.903 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



Tgt Ion:330 Resp: 553877
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.7 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 31.120 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF137816.D

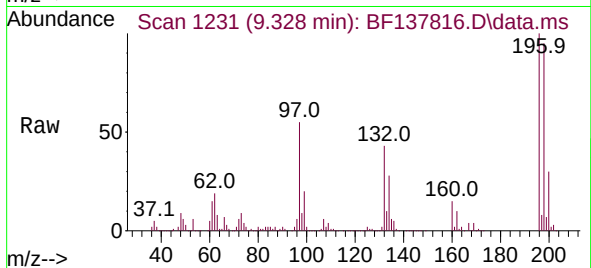
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:196 Resp: 271982

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.4

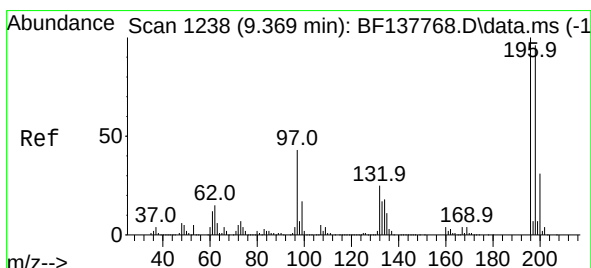
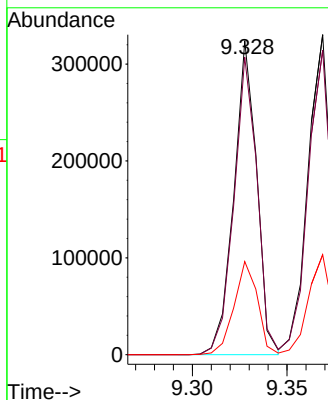
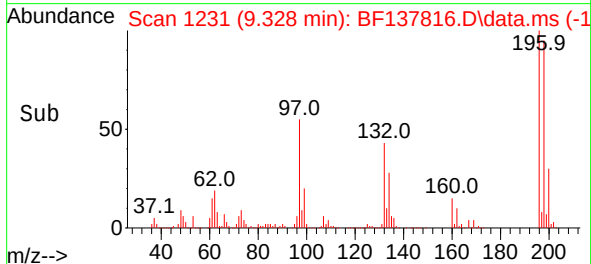
200 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 30.005 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:196 Resp: 289561

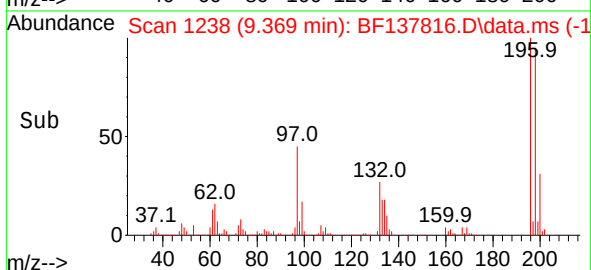
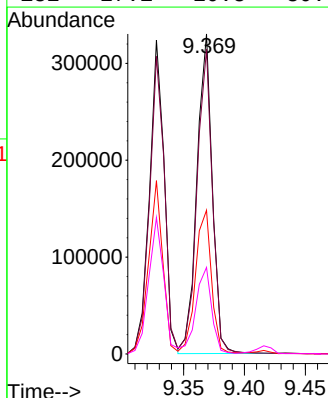
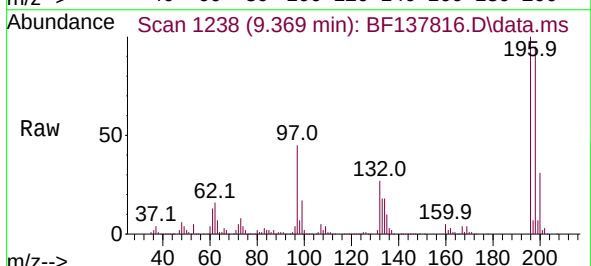
Ion Ratio Lower Upper

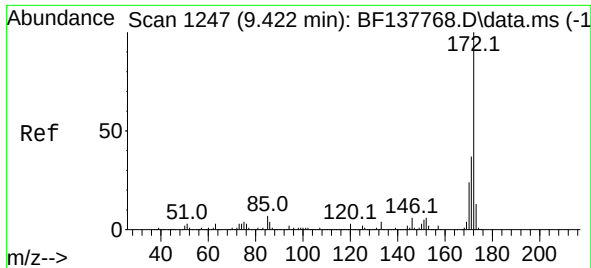
196 100

198 95.2 76.6 114.8

97 44.9 34.5 51.7

132 27.1 20.3 30.5





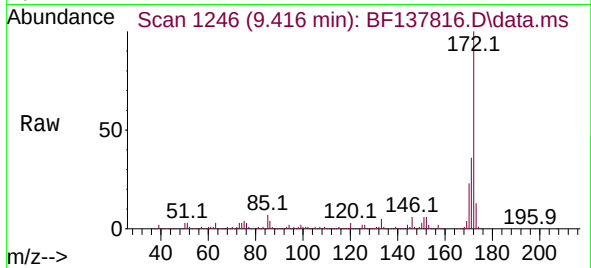
#45
2-Fluorobiphenyl
Concen: 53.167 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

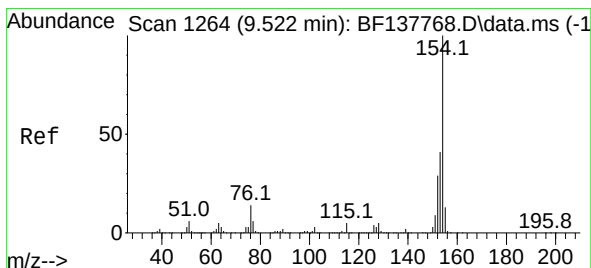
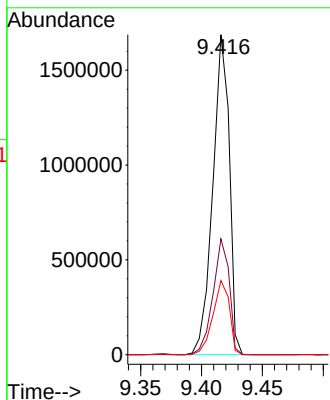
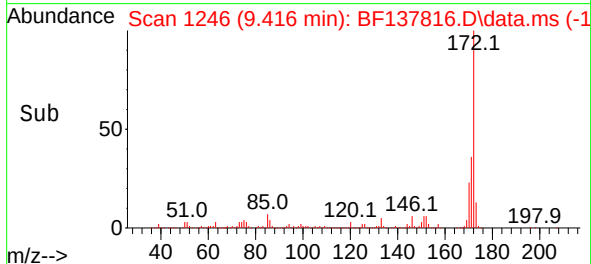


Tgt Ion:172 Resp: 158865
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.1 19.4 29.2

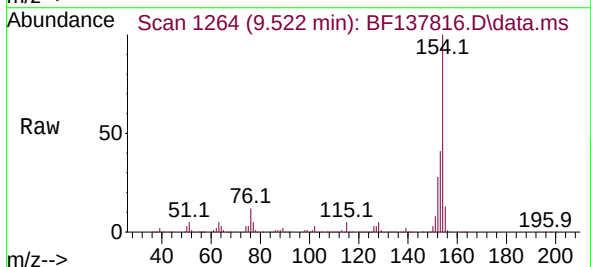
Manual Integrations

APPROVED

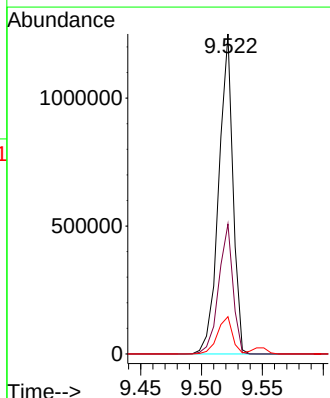
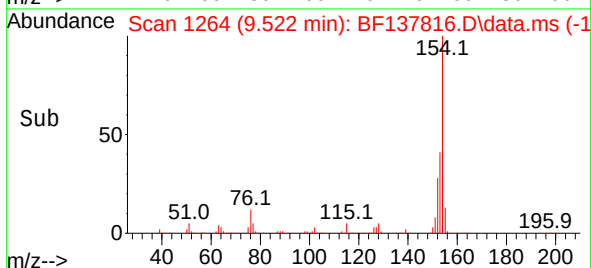
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

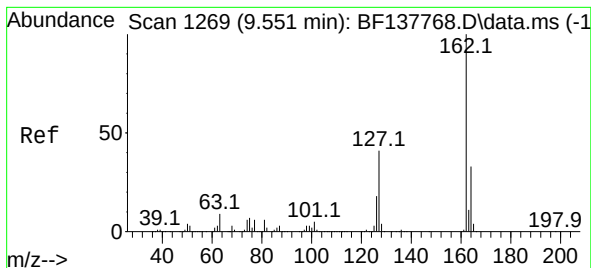


#46
1,1'-Biphenyl
Concen: 30.642 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



Tgt Ion:154 Resp: 1019434
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 11.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 29.328 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

Tgt Ion:162 Resp: 787730

Ion Ratio Lower Upper

162 100

127 40.8 32.6 49.0

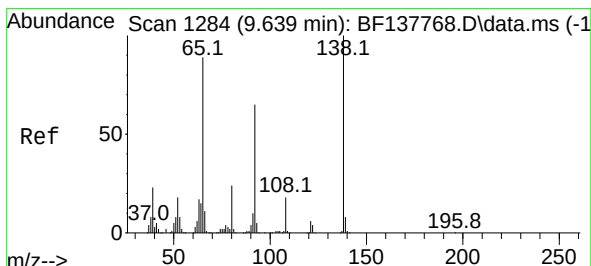
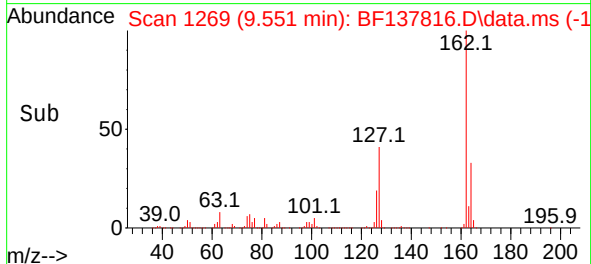
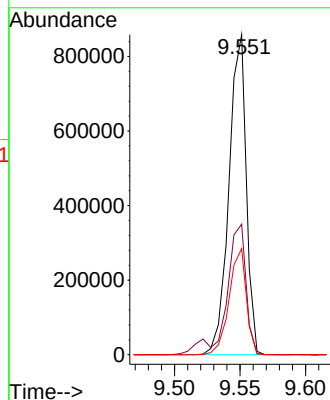
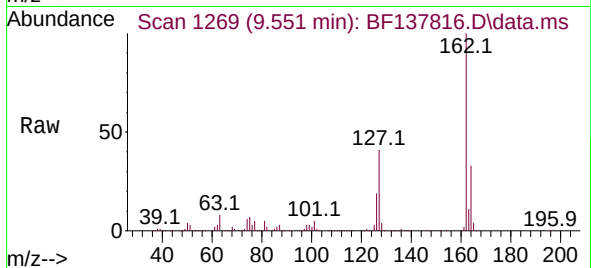
164 33.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#48

2-Nitroaniline

Concen: 29.973 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

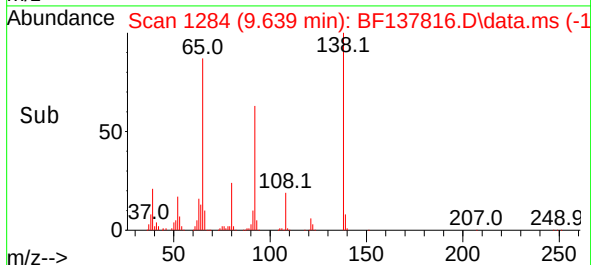
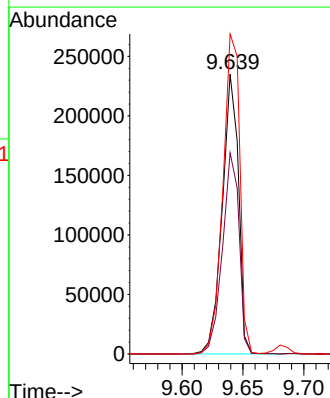
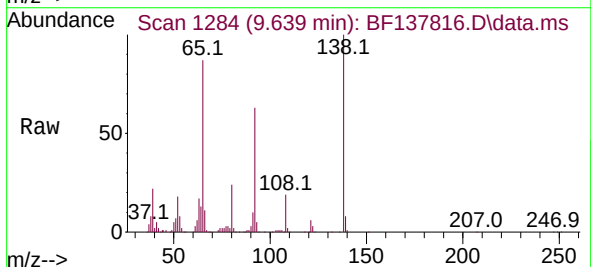
Tgt Ion: 65 Resp: 218337

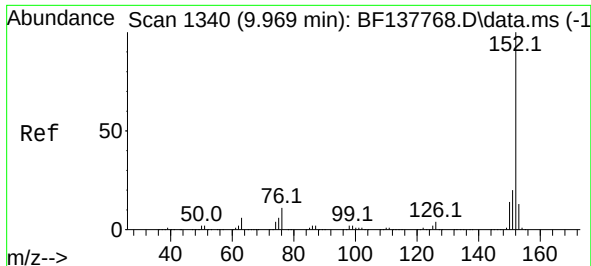
Ion Ratio Lower Upper

65 100

92 71.9 58.6 88.0

138 114.4 90.3 135.5





#49

Acenaphthylene

Concen: 32.141 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF137816.D

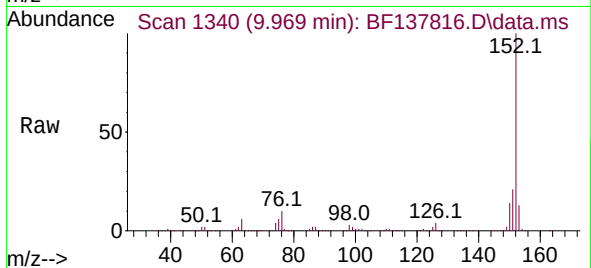
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:152 Resp: 124883

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

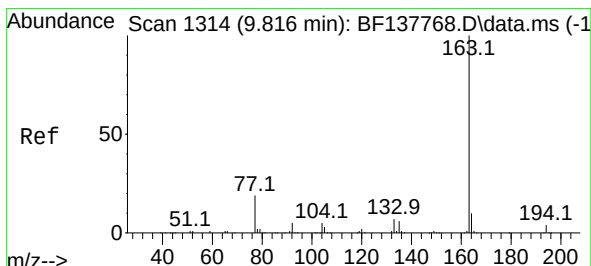
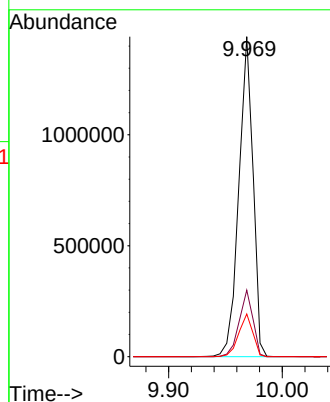
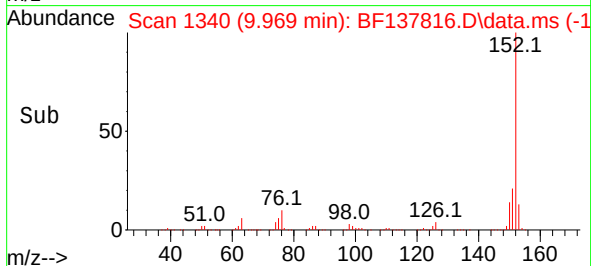
153 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 30.904 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

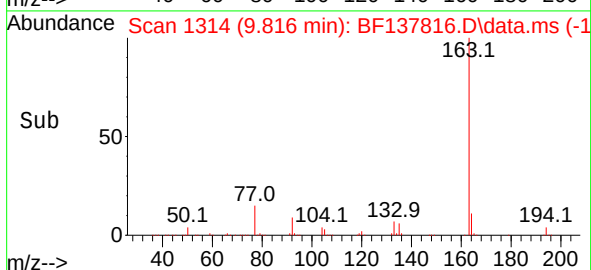
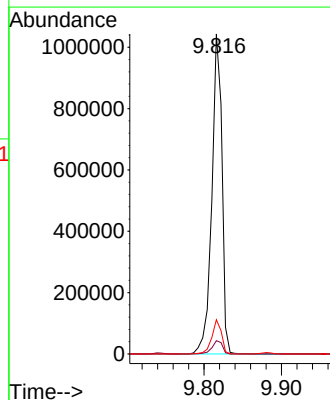
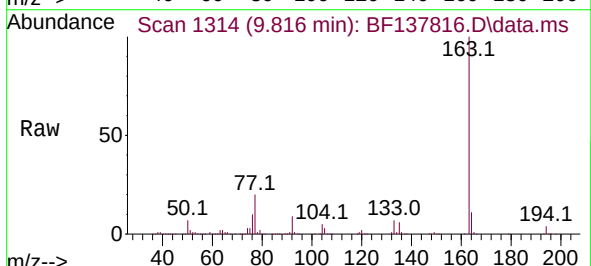
Tgt Ion:163 Resp: 945742

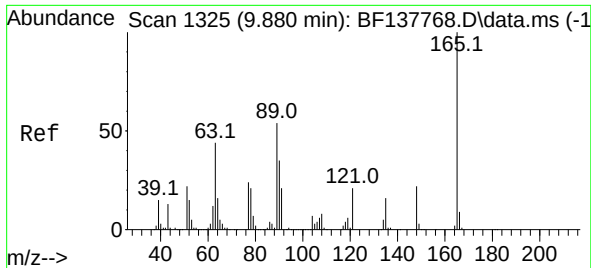
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.7 8.3 12.5





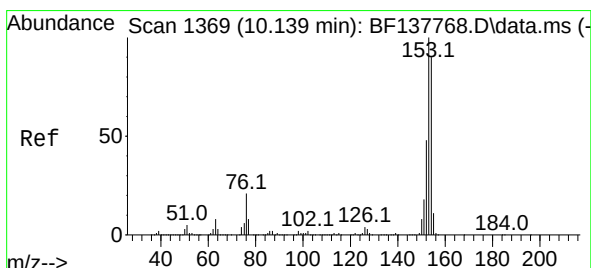
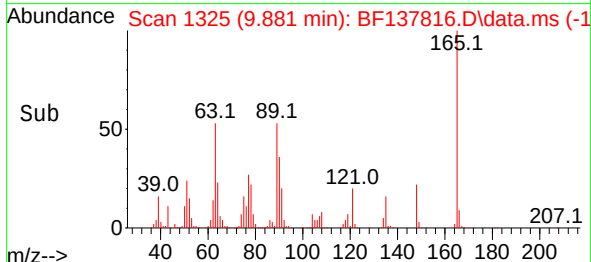
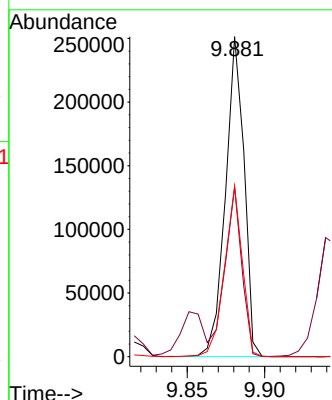
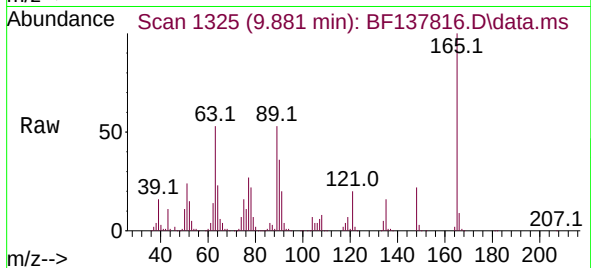
#51
2,6-Dinitrotoluene
Concen: 30.011 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS

Tgt Ion:165 Resp: 209890
Ion Ratio Lower Upper
165 100
63 53.0 41.9 62.9
89 53.3 43.2 64.8

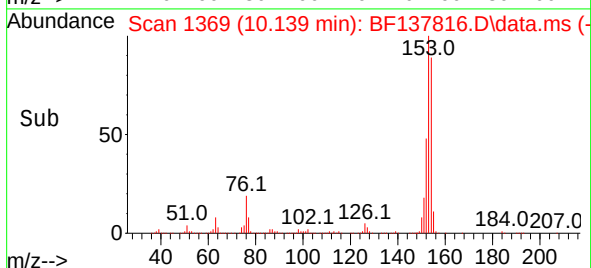
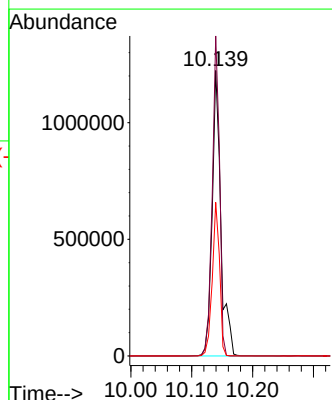
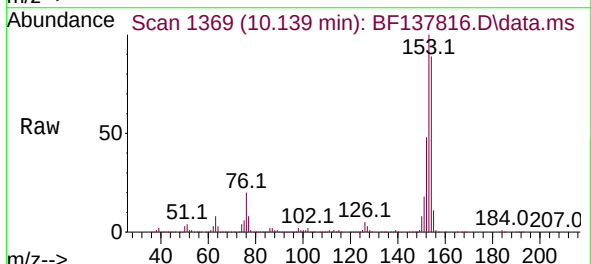
Manual Integrations
APPROVED

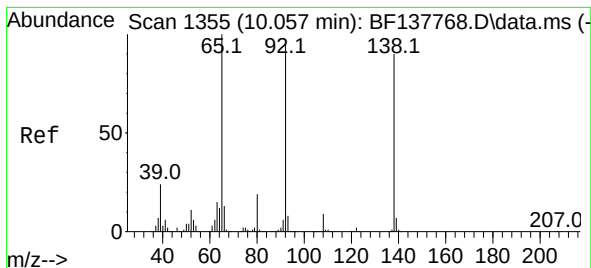
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 47.348 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

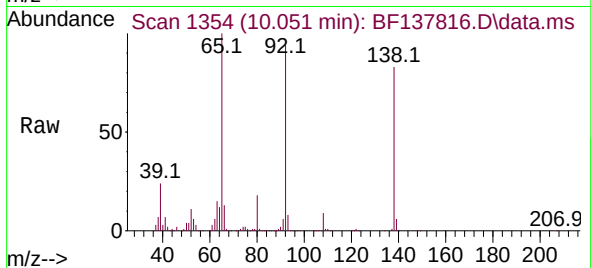
Tgt Ion:154 Resp: 1219416
Ion Ratio Lower Upper
154 100
153 112.1 88.7 133.1
152 53.8 42.8 64.2





#53
3-Nitroaniline
Concen: 29.573 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

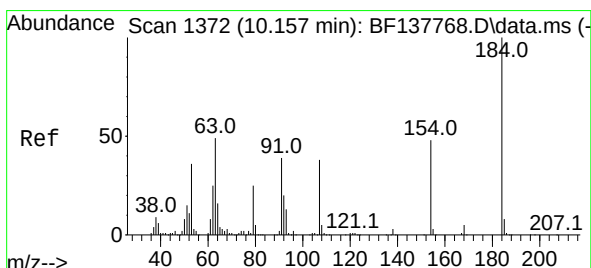
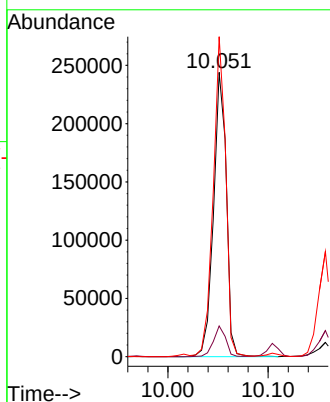
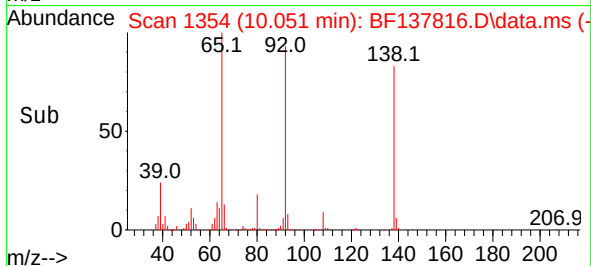
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:138 Resp: 216589
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.6
92 112.6 84.6 126.8

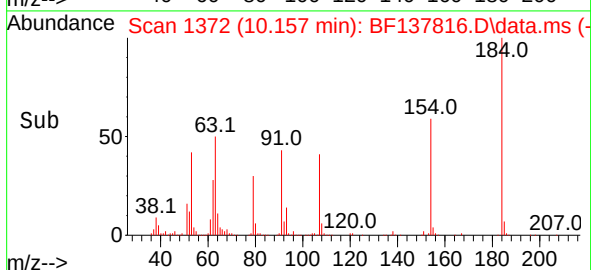
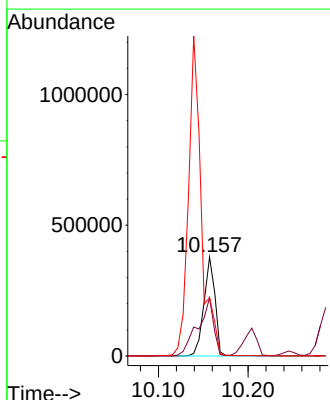
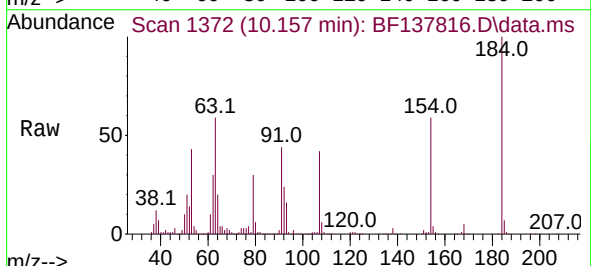
Manual Integrations
APPROVED

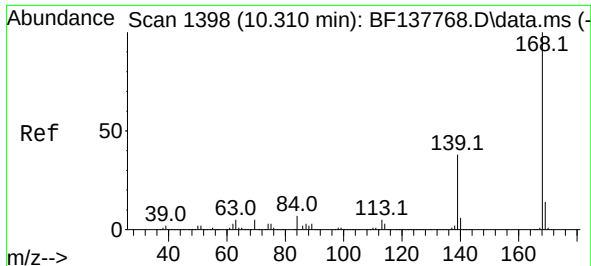
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#54
2,4-Dinitrophenol
Concen: 95.486 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

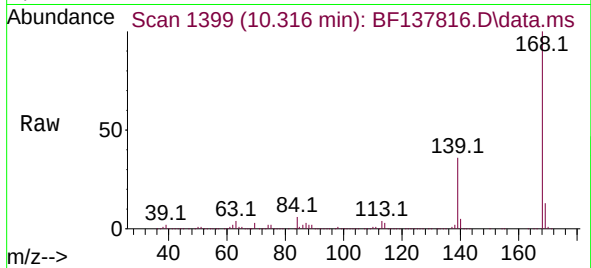
Tgt Ion:184 Resp: 328132
Ion Ratio Lower Upper
184 100
63 58.8 40.3 60.5
154 59.2 45.2 67.8





#55
Dibenzenofuran
Concen: 43.430 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

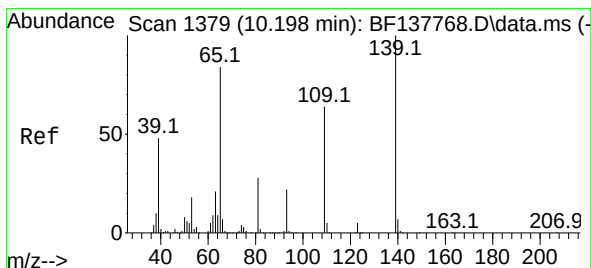
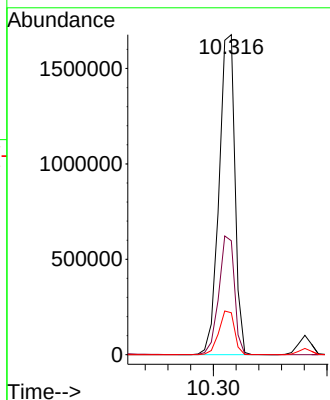
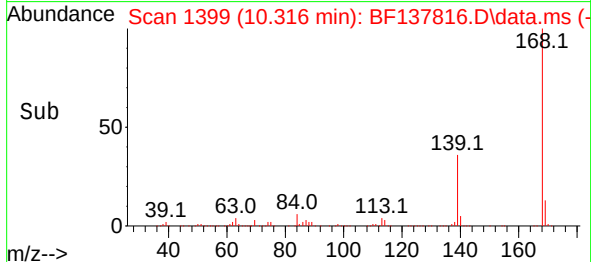
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:168 Resp: 1627709
Ion Ratio Lower Upper
168 100
139 35.6 30.2 45.4
169 13.1 11.4 17.0

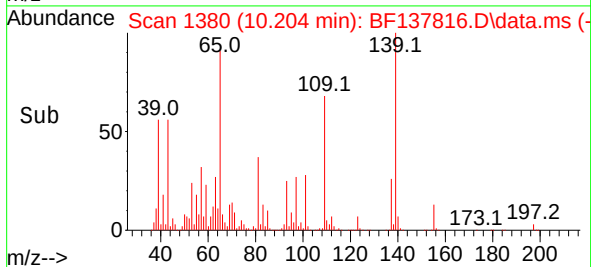
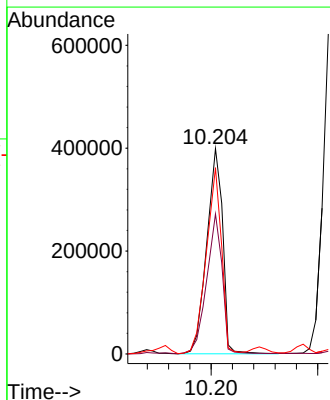
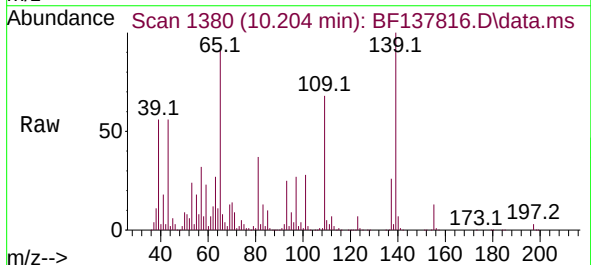
Manual Integrations
APPROVED

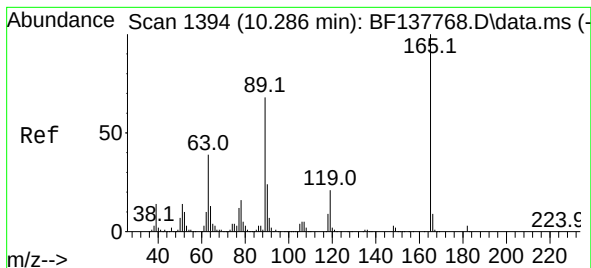
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#56
4-Nitrophenol
Concen: 68.094 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:139 Resp: 413336
Ion Ratio Lower Upper
139 100
109 68.1 44.0 84.0
65 90.6 64.3 104.3





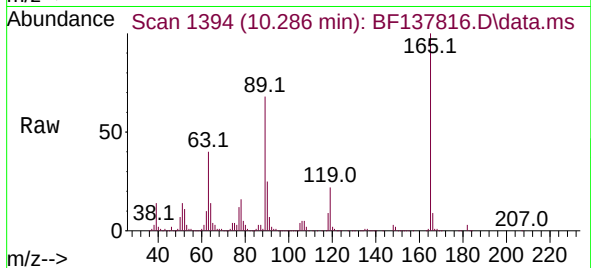
#57
2,4-Dinitrotoluene
Concen: 43.863 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

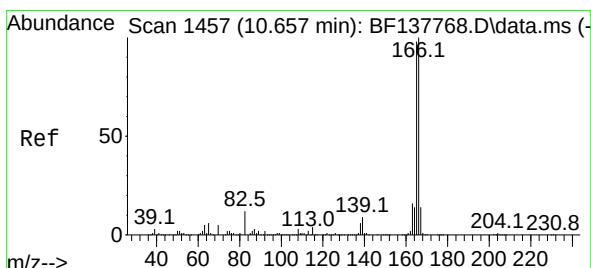
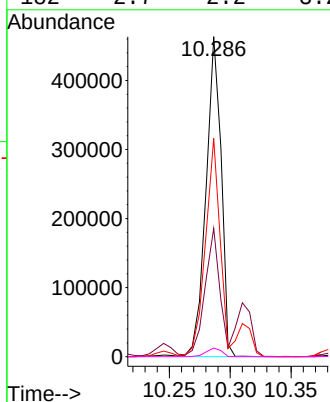
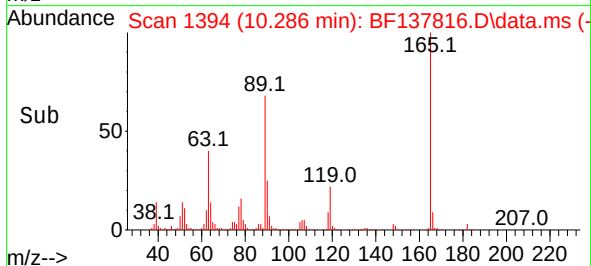


Tgt Ion:165 Resp: 400760
Ion Ratio Lower Upper
165 100
63 40.1 31.3 46.9
89 68.2 54.2 81.4
182 2.7 2.2 3.2

Manual Integrations

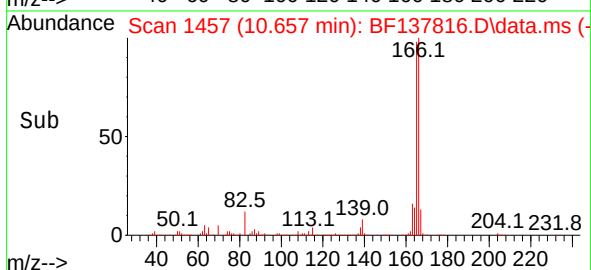
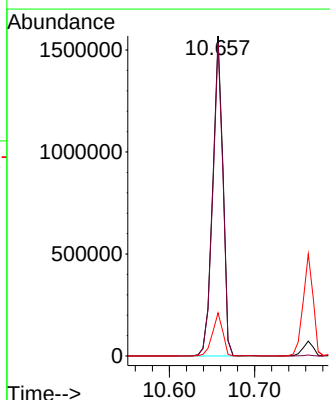
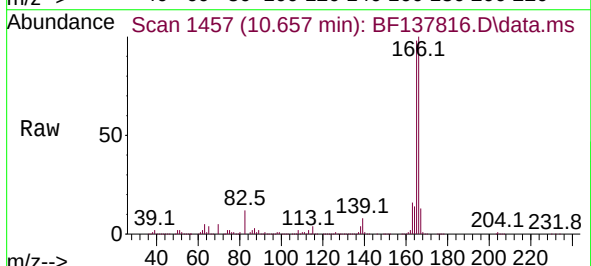
APPROVED

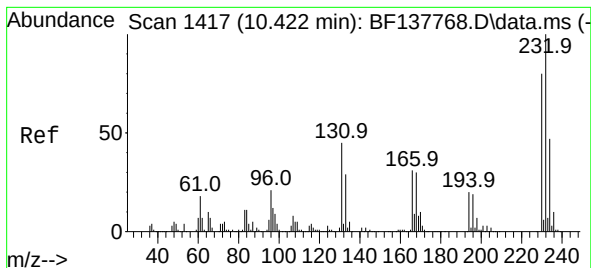
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 44.050 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:166 Resp: 1313912
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.5 10.9 16.3





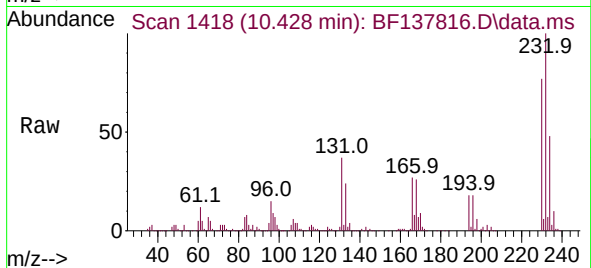
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.165 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

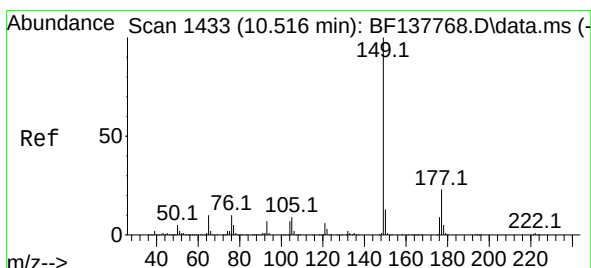
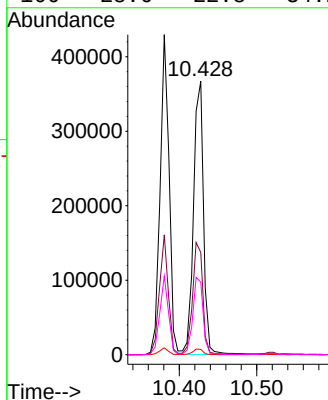
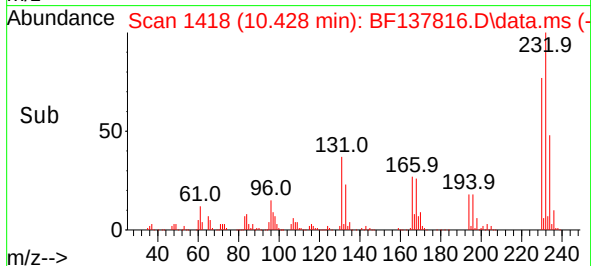


Tgt Ion:232 Resp: 330354
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.2 1.7 2.5
166 28.6 22.8 34.2

Manual Integrations

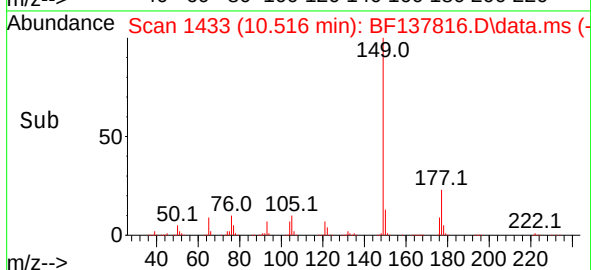
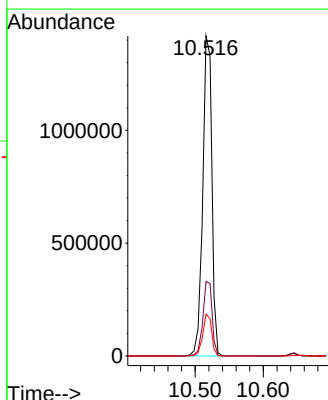
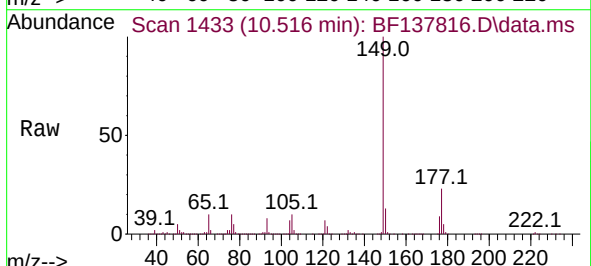
APPROVED

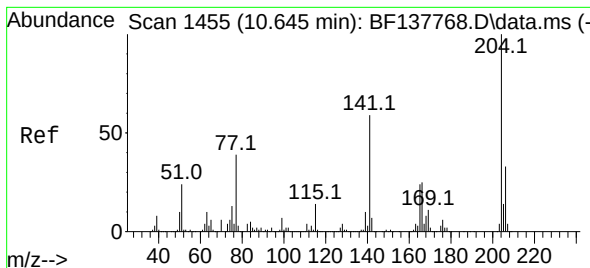
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 45.495 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

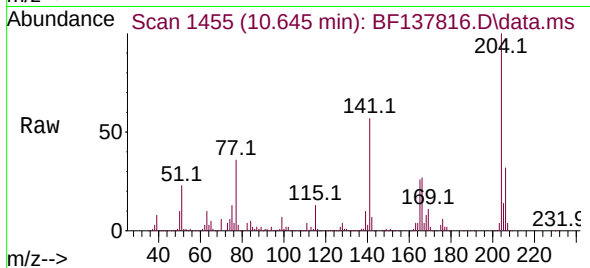
Tgt Ion:149 Resp: 1322330
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 13.1 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 44.612 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

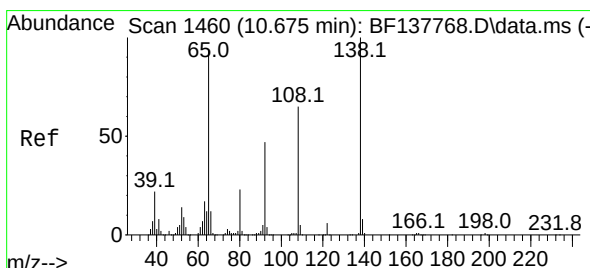
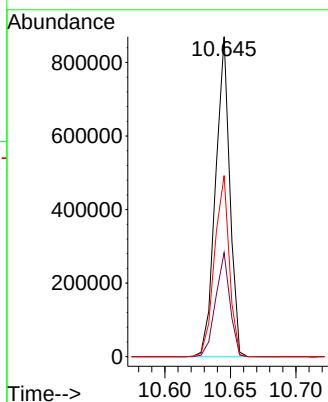
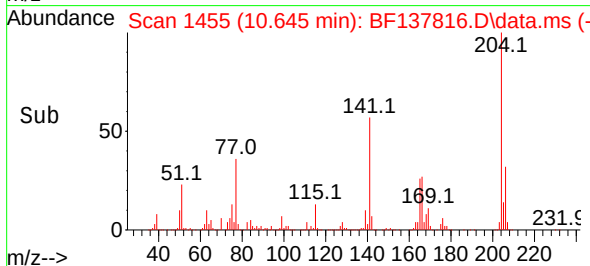
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:204 Resp: 65566
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 56.6 47.0 70.6

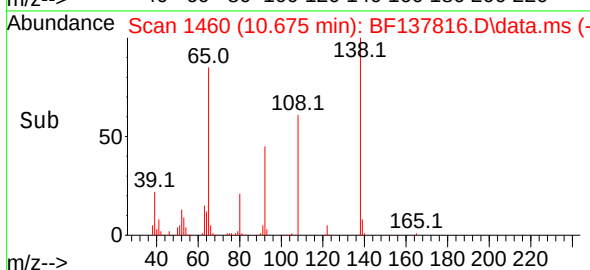
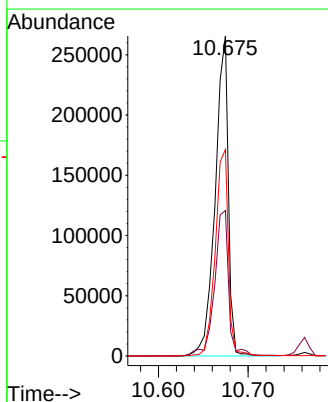
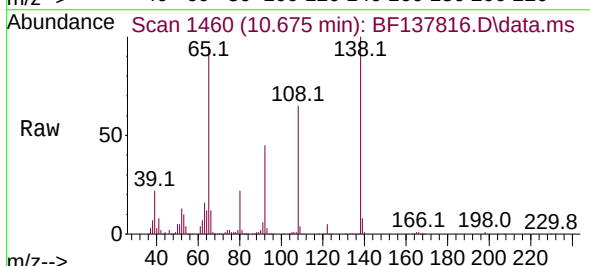
Manual Integrations
APPROVED

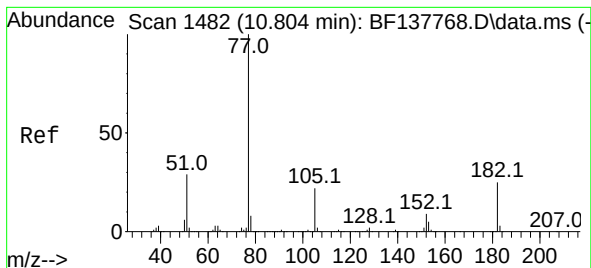
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#62
4-Nitroaniline
Concen: 36.301 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:138 Resp: 269671
Ion Ratio Lower Upper
138 100
92 45.4 26.8 66.8
108 64.5 44.7 84.7





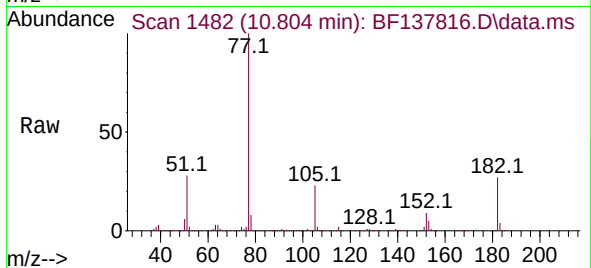
#63
Azobenzene
Concen: 44.463 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

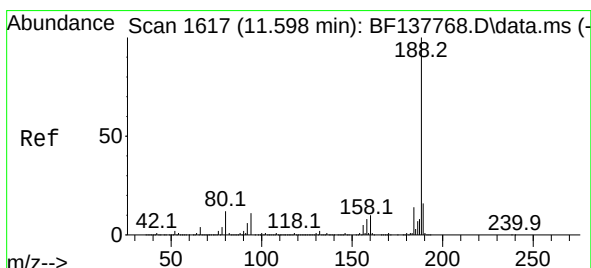
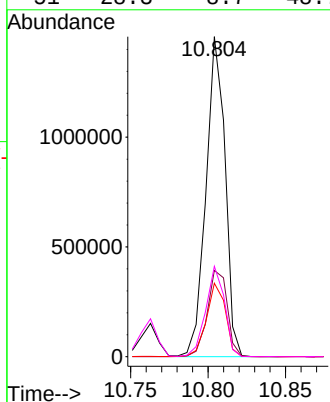
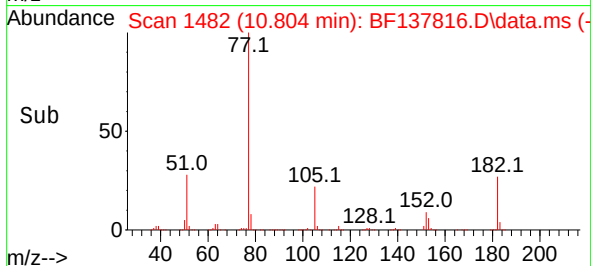


Tgt Ion: 77 Resp: 124902
Ion Ratio Lower Upper
77 100
182 27.0 5.1 45.1
105 22.9 2.2 42.2
51 28.3 8.7 48.7

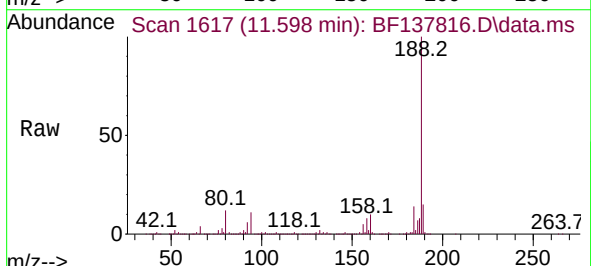
Manual Integrations

APPROVED

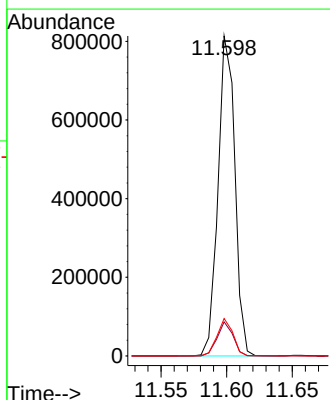
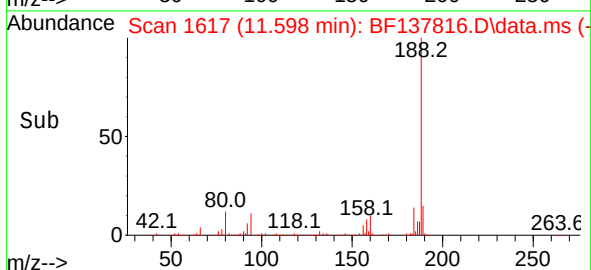
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

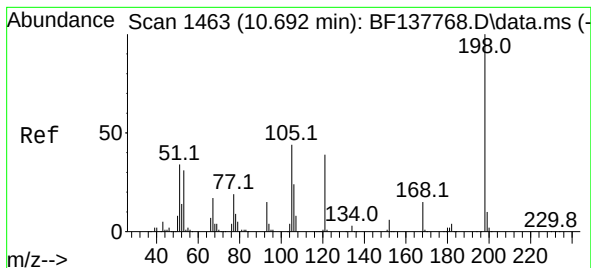


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



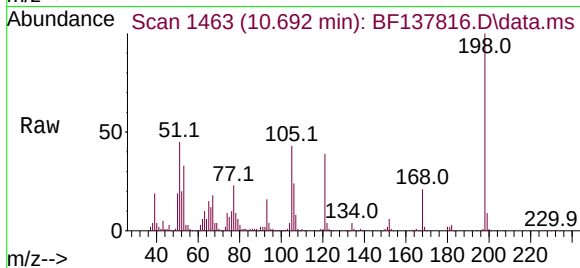
Tgt Ion:188 Resp: 725570
Ion Ratio Lower Upper
188 100
94 10.7 8.8 13.2
80 11.7 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.456 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

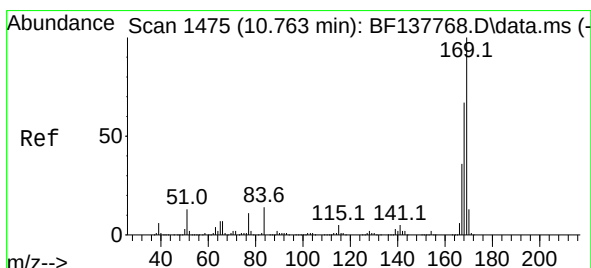
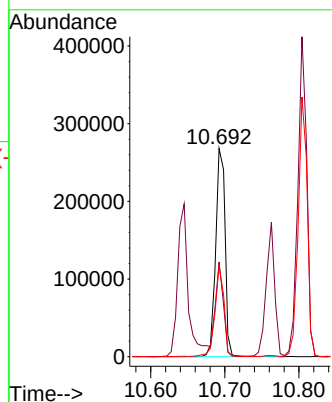
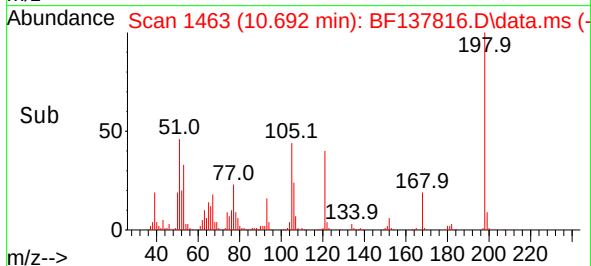
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



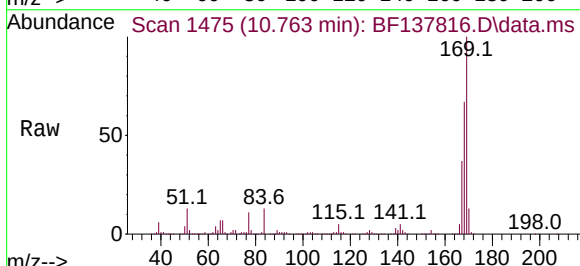
Tgt Ion:198 Resp: 235111
Ion Ratio Lower Upper
198 100
51 45.4 25.1 65.1
105 43.5 24.1 64.1

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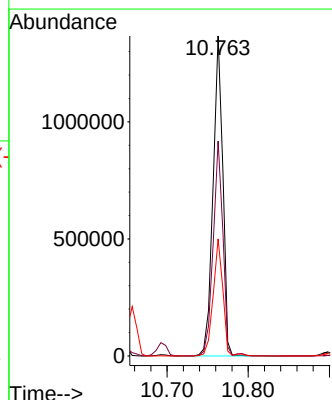
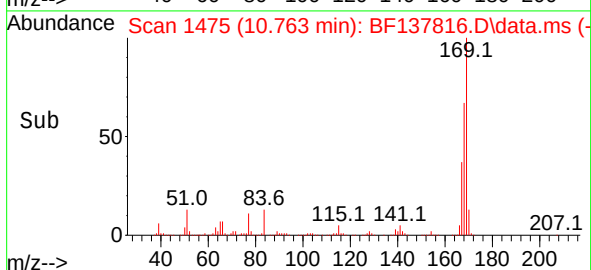
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

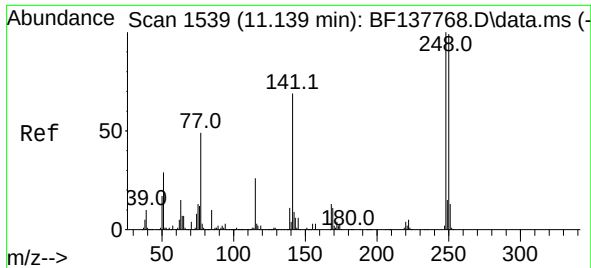


#66
n-Nitrosodiphenylamine
Concen: 52.179 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



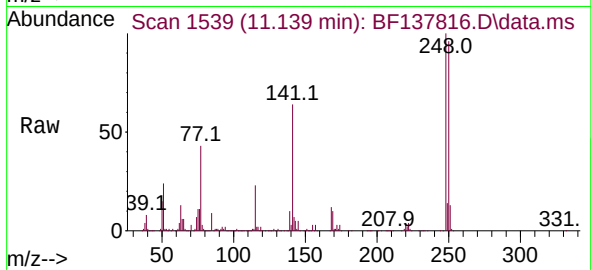
Tgt Ion:169 Resp: 1133284
Ion Ratio Lower Upper
169 100
168 67.1 53.3 79.9
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.847 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

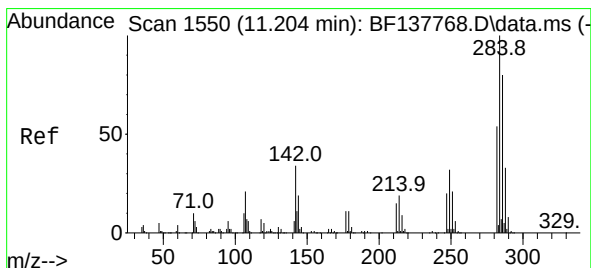
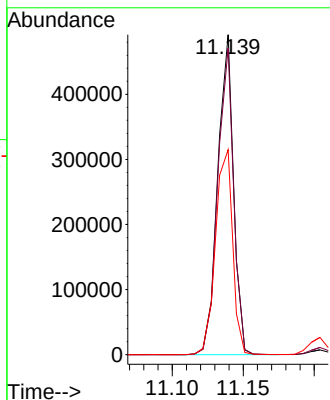
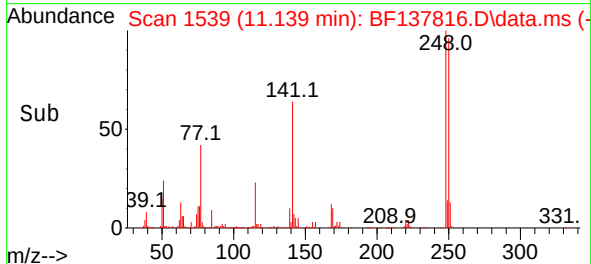
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:248 Resp: 379304
Ion Ratio Lower Upper
248 100
250 95.8 79.1 118.7
141 64.0 55.4 83.2

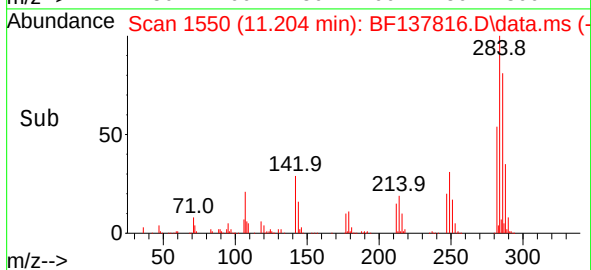
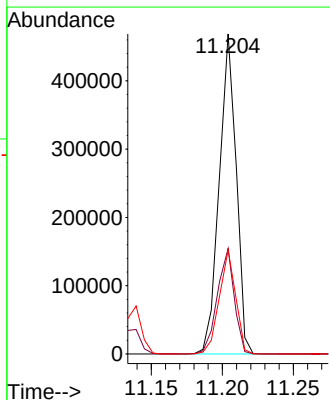
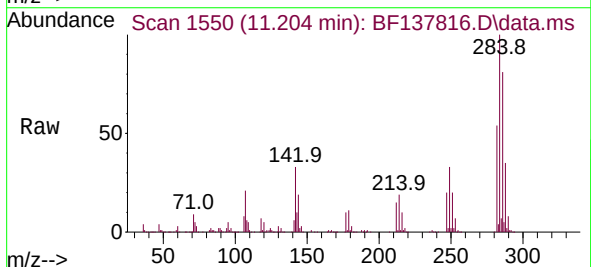
Manual Integrations
APPROVED

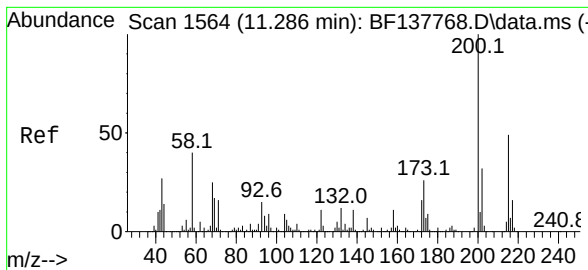
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#68
Hexachlorobenzene
Concen: 45.789 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

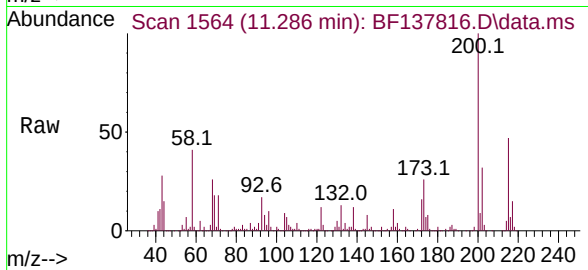
Tgt Ion:284 Resp: 388556
Ion Ratio Lower Upper
284 100
142 33.0 27.3 40.9
249 32.5 25.6 38.4





#69
Atrazine
Concen: 51.191 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

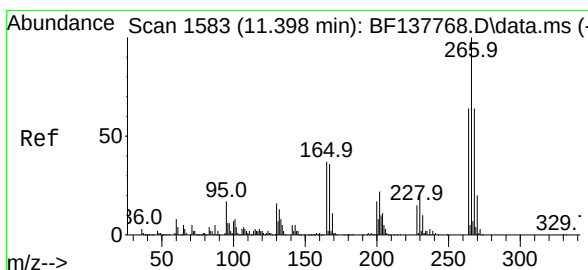
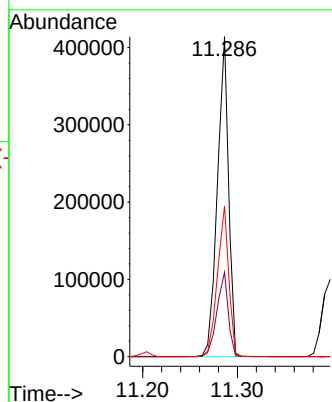
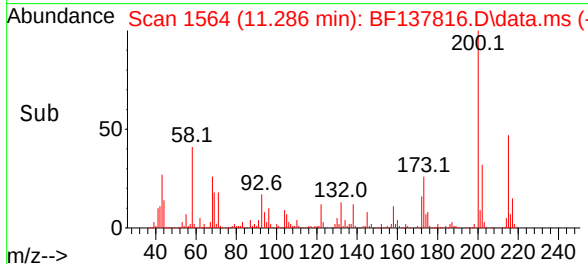
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



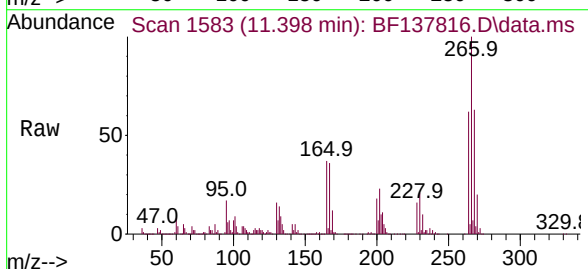
Tgt Ion:200 Resp: 339000
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 47.1 28.8 68.8

Manual Integrations
APPROVED

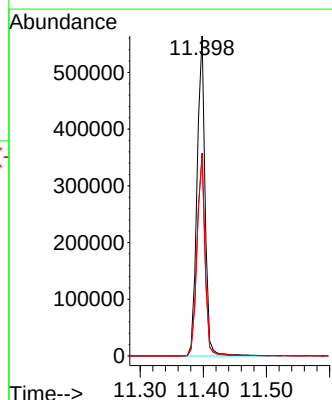
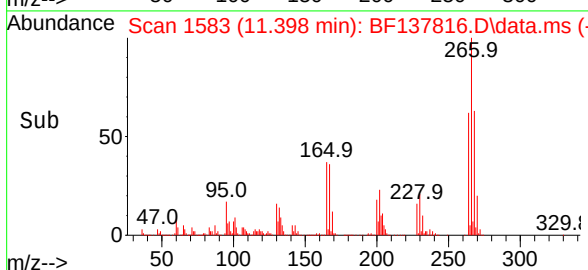
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

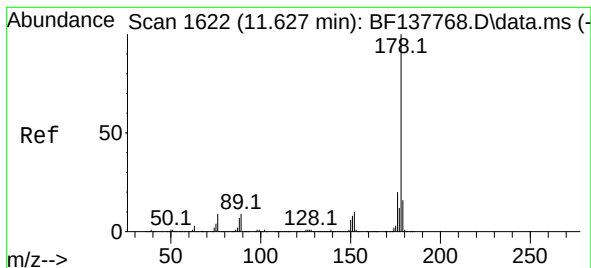


#70
Pentachlorophenol
Concen: 85.467 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45



Tgt Ion:266 Resp: 497921
Ion Ratio Lower Upper
266 100
268 63.4 51.3 76.9
264 62.4 51.0 76.4





#71

Phenanthrene

Concen: 44.085 ng

RT: 11.628 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

Tgt Ion:178 Resp: 1559070

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

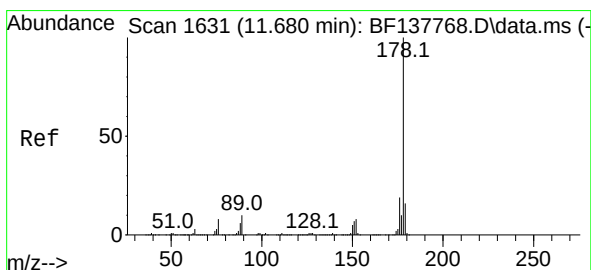
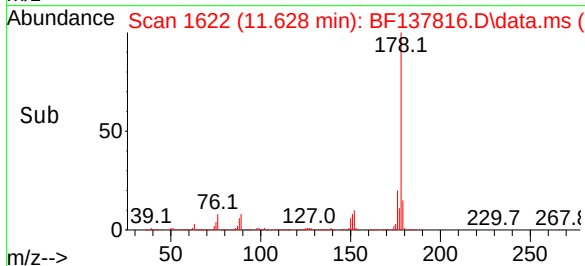
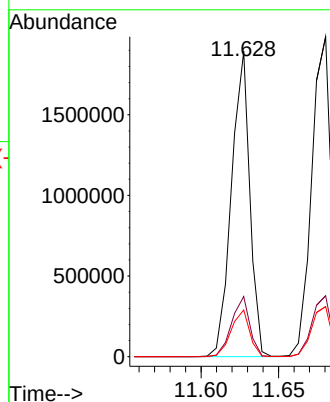
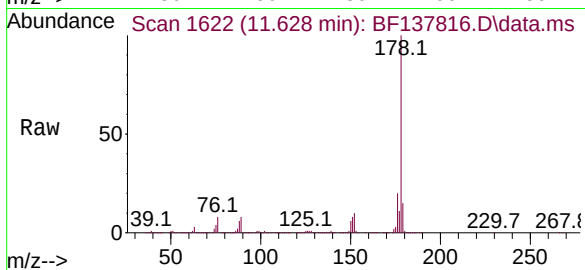
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#72

Anthracene

Concen: 49.196 ng

RT: 11.680 min Scan# 1631

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

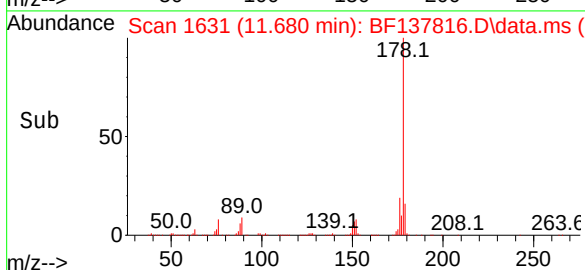
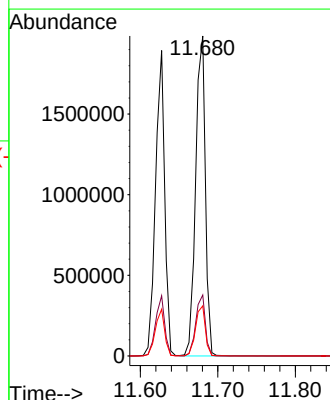
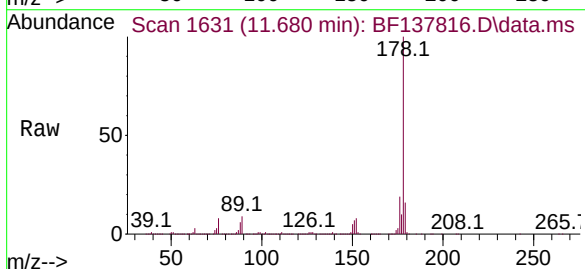
Tgt Ion:178 Resp: 1731119

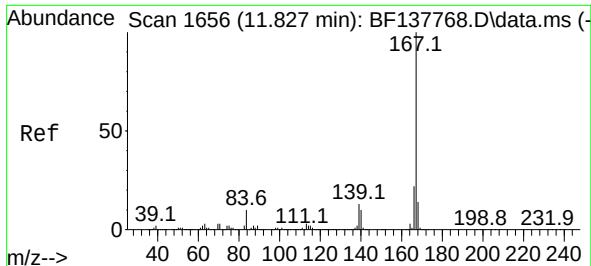
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.6 12.6 18.8





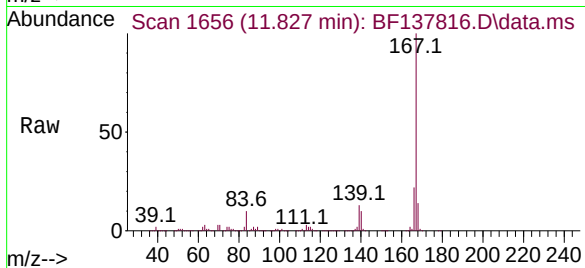
#73
 Carbazole
 Concen: 40.790 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF137816.D
 Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



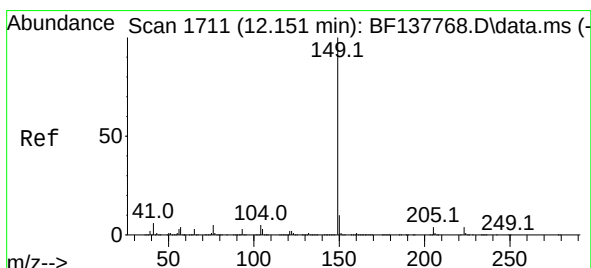
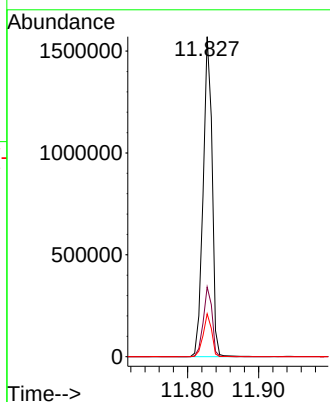
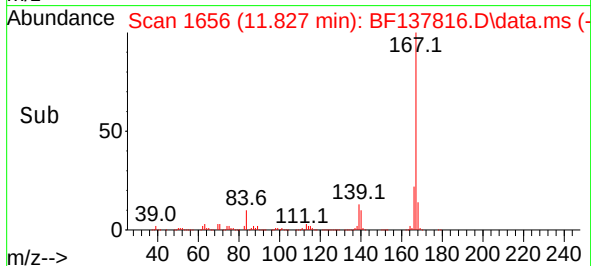
Tgt Ion:167 Resp: 138329
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 10.5 15.7

Manual Integrations

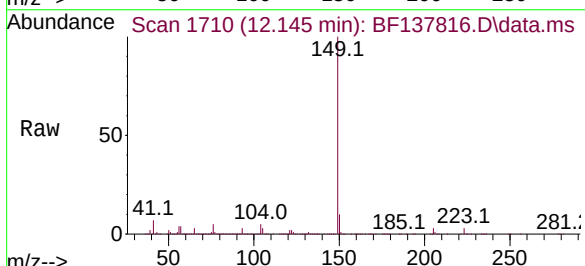
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

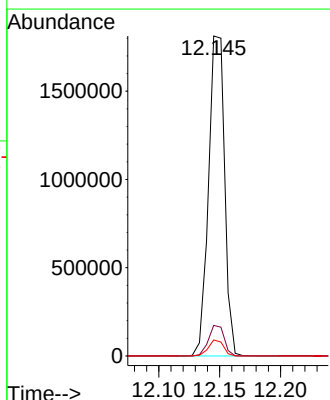
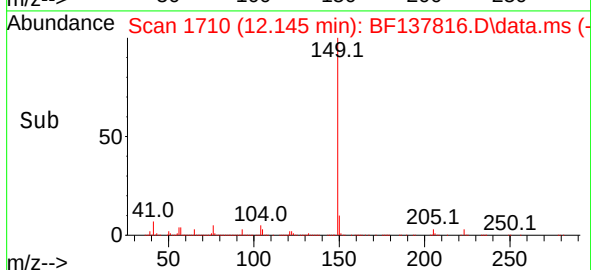
Supervised By :mohammad ahmed 05/03/2024

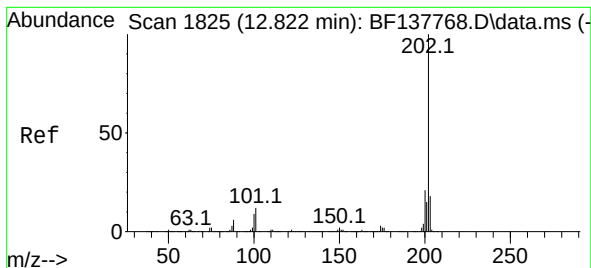


#74
 Di-n-butylphthalate
 Concen: 45.046 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137816.D
 Acq: 02 May 2024 15:45



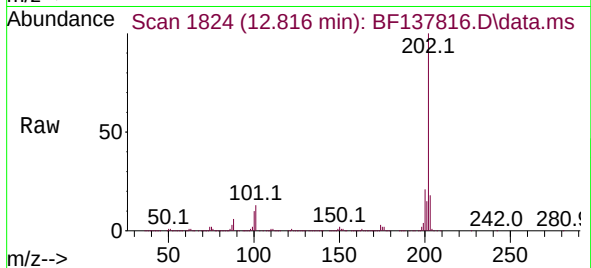
Tgt Ion:149 Resp: 1666399
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 39.562 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

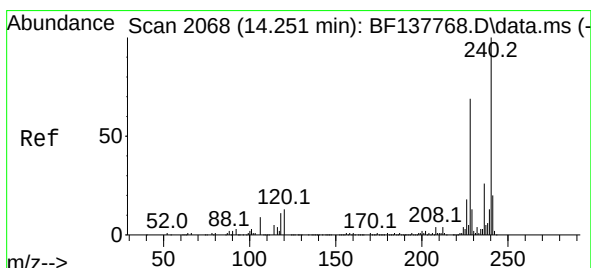
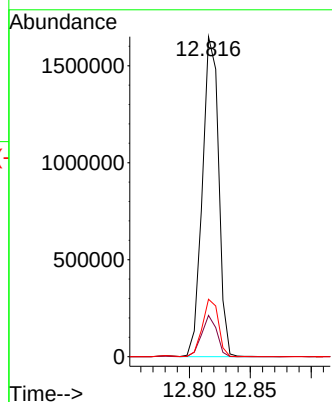
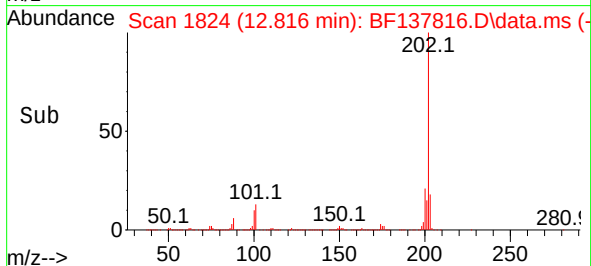
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:202 Resp: 152938
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.8
203 18.0 0.0 37.8

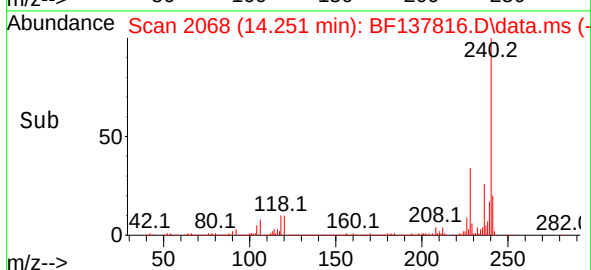
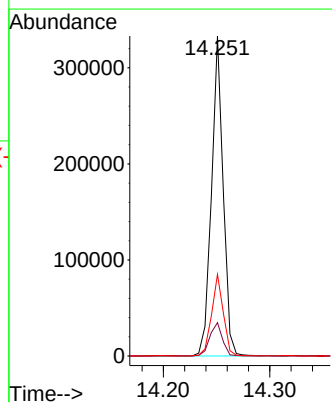
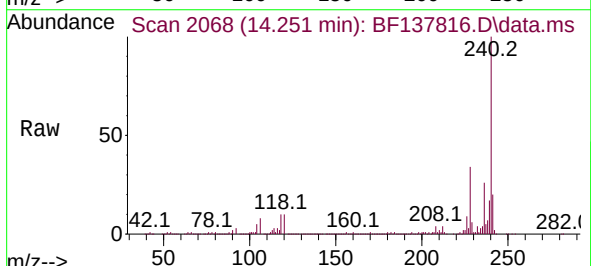
Manual Integrations
APPROVED

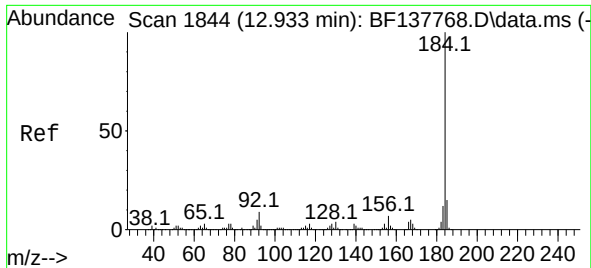
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

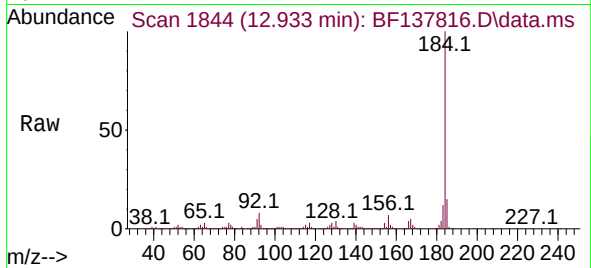
Tgt Ion:240 Resp: 254457
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6
236 25.5 20.4 30.6





#77
Benzidine
Concen: 95.900 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

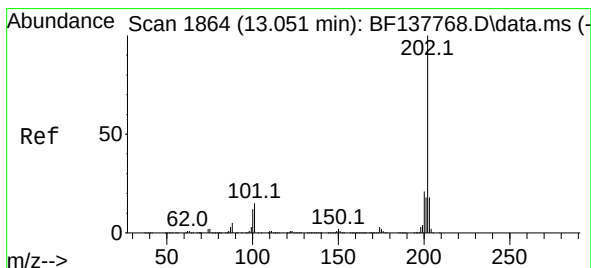
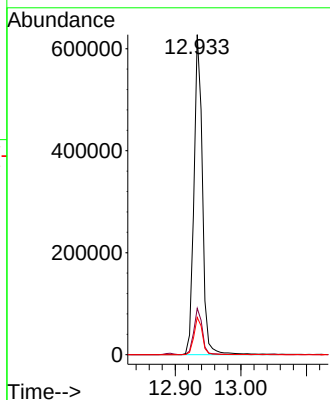
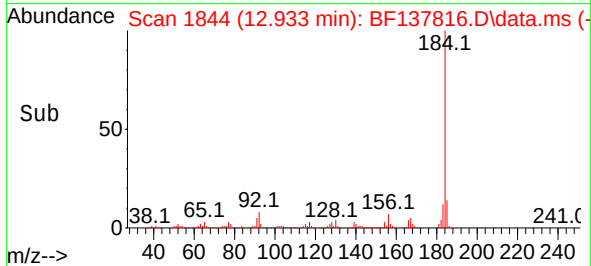
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:184 Resp: 564370
Ion Ratio Lower Upper
184 100
185 14.5 12.3 18.5
183 11.7 9.2 13.8

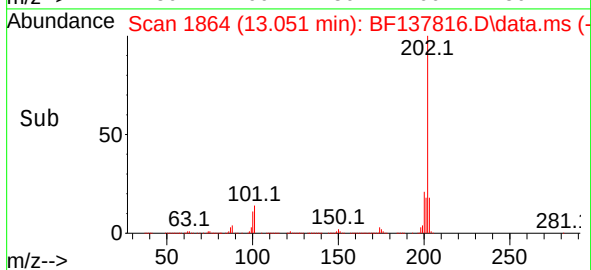
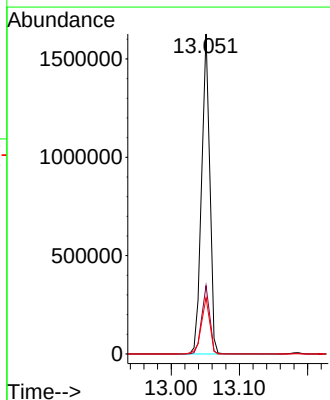
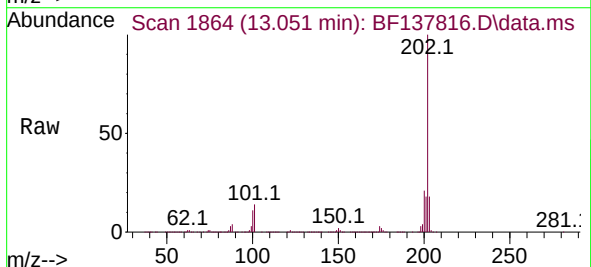
Manual Integrations
APPROVED

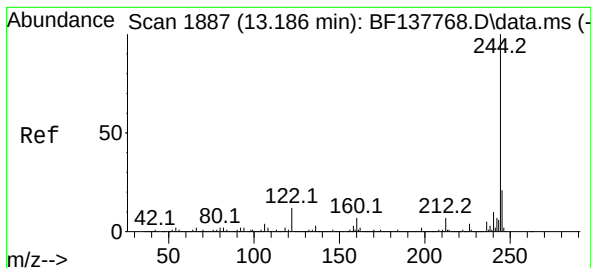
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#78
Pyrene
Concen: 67.703 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:202 Resp: 1365938
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 120.258 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137816.D

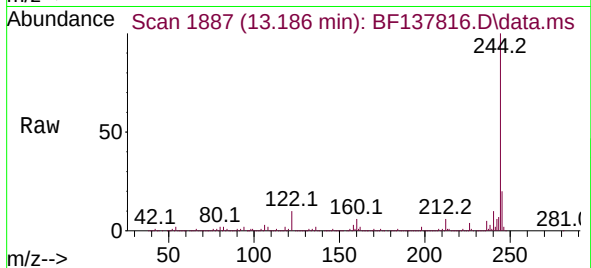
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:244 Resp: 182595

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

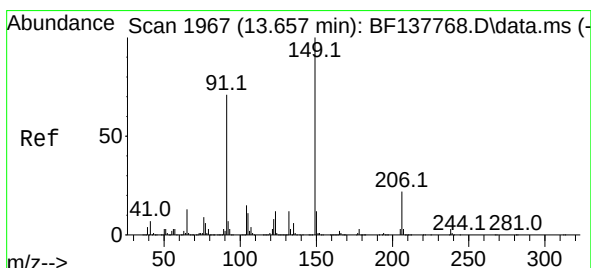
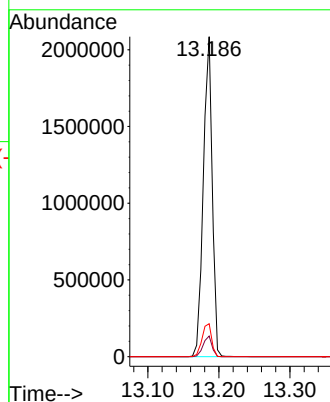
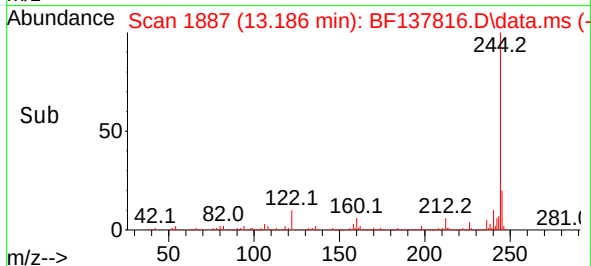
122 10.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 55.427 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

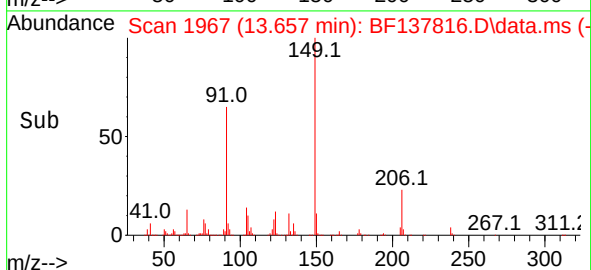
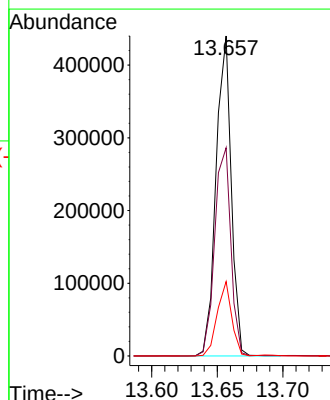
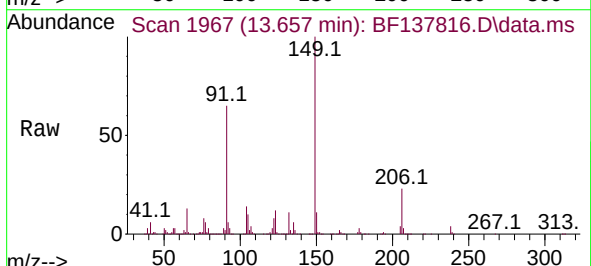
Tgt Ion:149 Resp: 354805

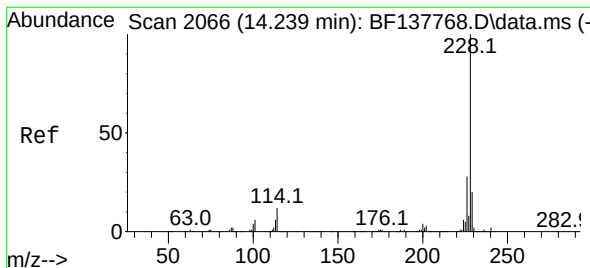
Ion Ratio Lower Upper

149 100

91 65.0 56.8 85.2

206 23.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 46.592 ng

RT: 14.239 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BF137816.D

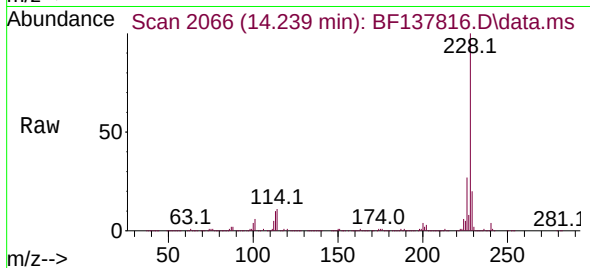
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:228 Resp: 758280

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

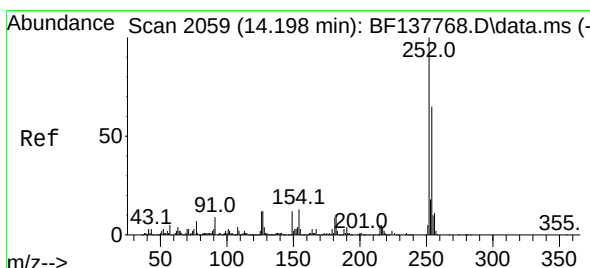
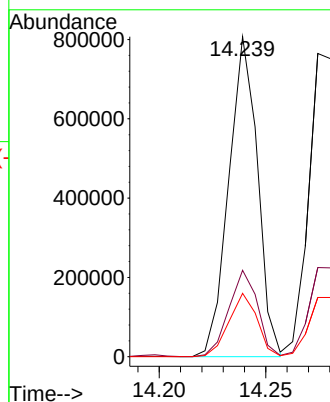
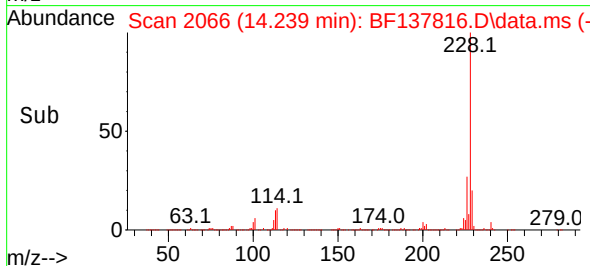
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.580 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

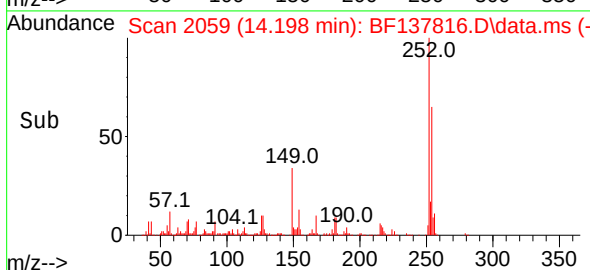
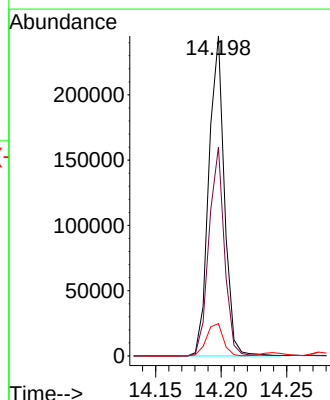
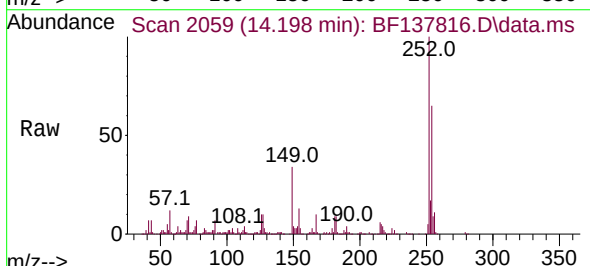
Tgt Ion:252 Resp: 202585

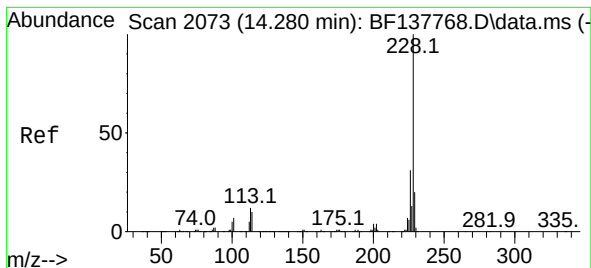
Ion Ratio Lower Upper

252 100

254 65.3 51.7 77.5

126 10.1 9.7 14.5





#83

Chrysene

Concen: 47.030 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137816.D

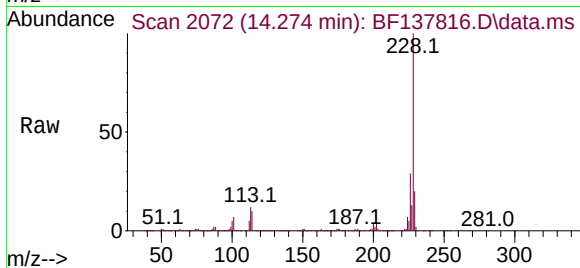
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



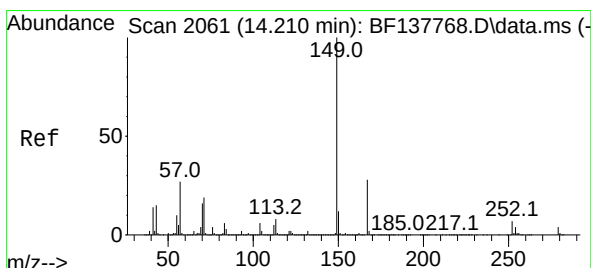
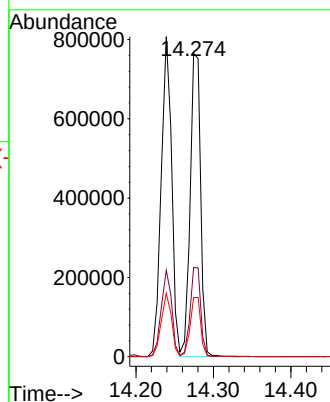
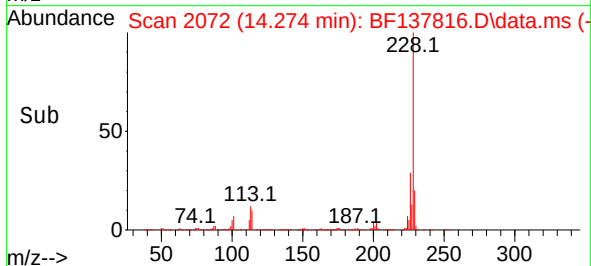
Tgt Ion:	228	Resp:	71667
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.8	37.2
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.188 ng

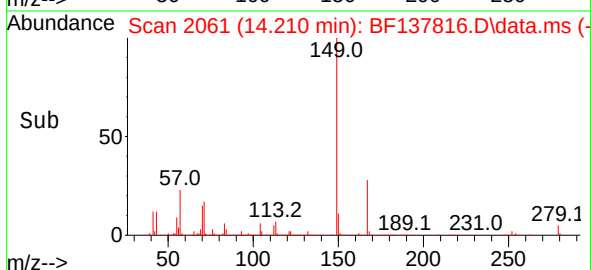
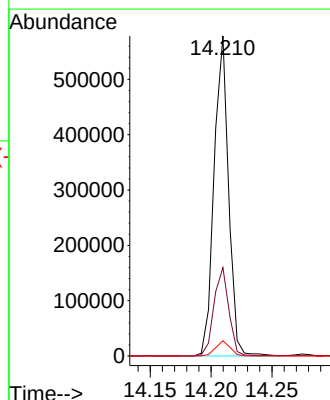
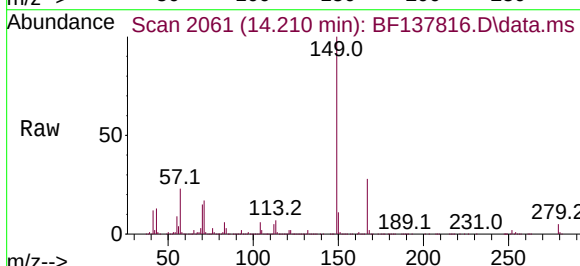
RT: 14.210 min Scan# 2061

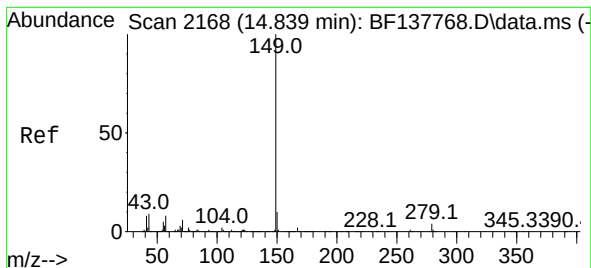
Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:	149	Resp:	477492
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.4	33.6
279	4.8	3.6	5.4





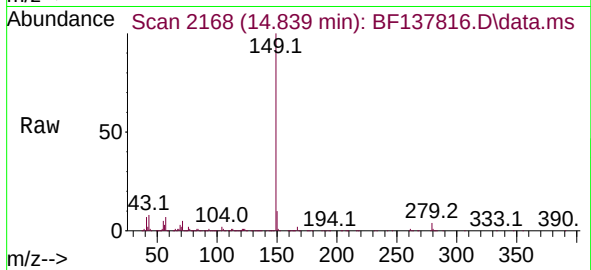
#85
Di-n-octyl phthalate
Concen: 72.214 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS

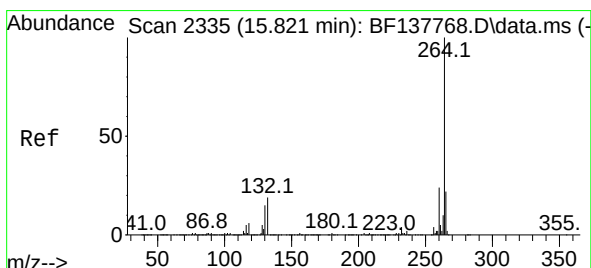
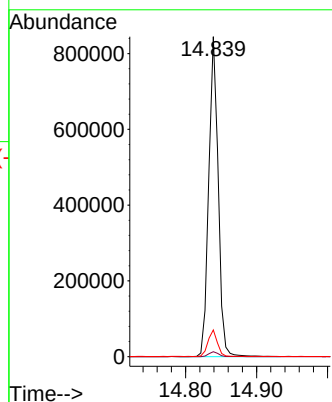
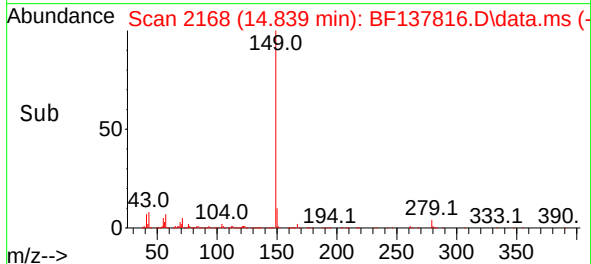


Tgt Ion:149 Resp: 78404
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.5 11.3

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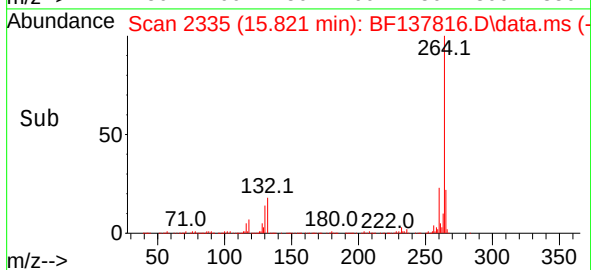
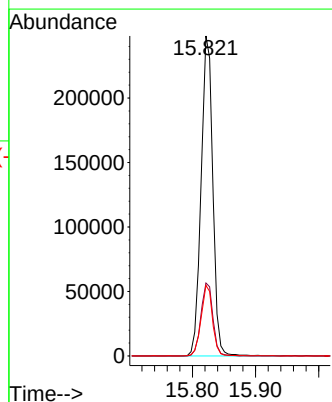
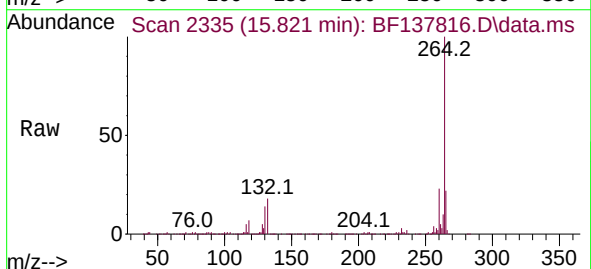
APPROVED

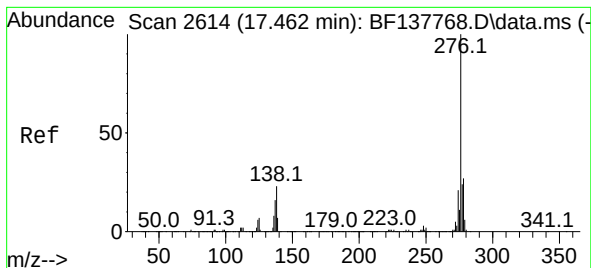
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:264 Resp: 320443
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.027 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF137816.D

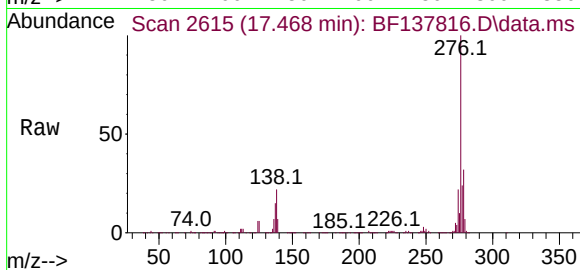
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:276 Resp: 91140

Ion Ratio Lower Upper

276 100

138 25.3 21.4 32.0

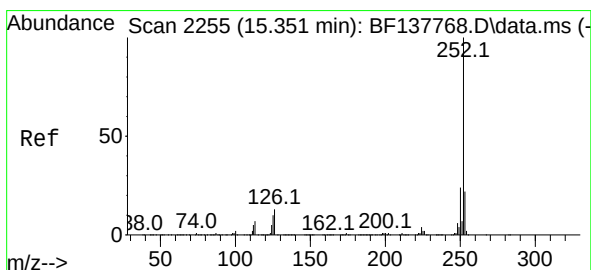
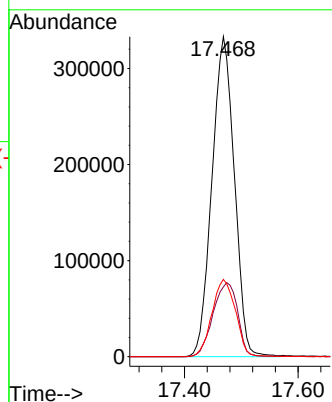
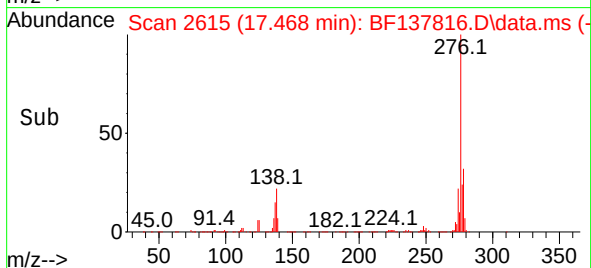
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 39.227 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF137816.D

Acq: 02 May 2024 15:45

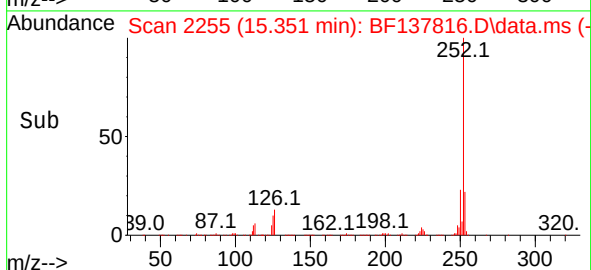
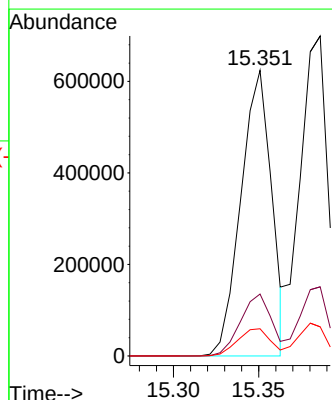
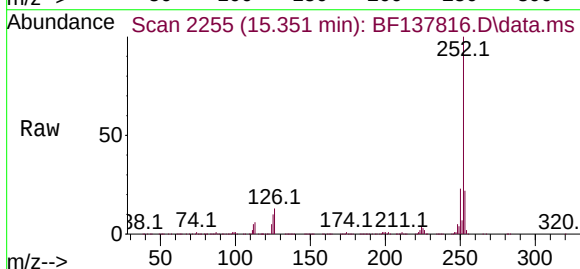
Tgt Ion:252 Resp: 782071

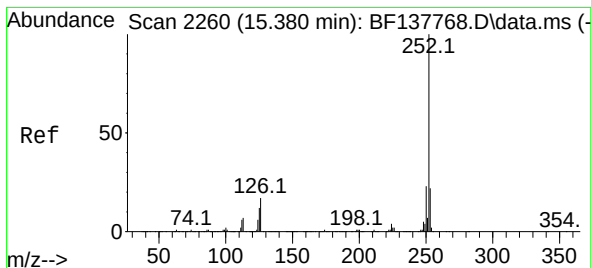
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 41.389 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF137816.D

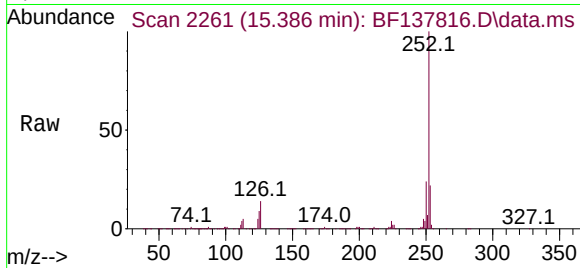
Acq: 02 May 2024 15:45

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MSMS



Tgt Ion:252 Resp: 797574

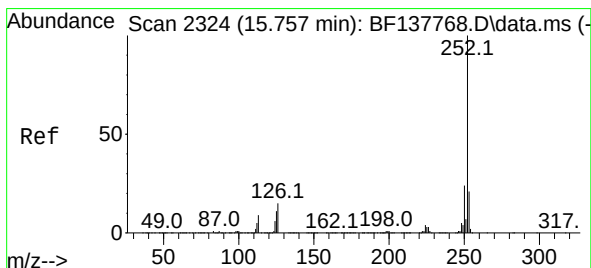
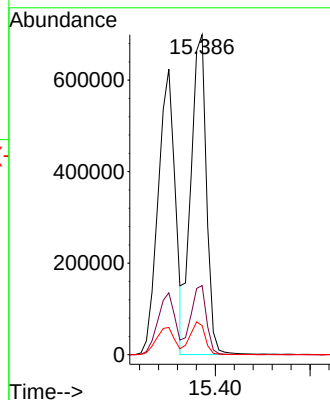
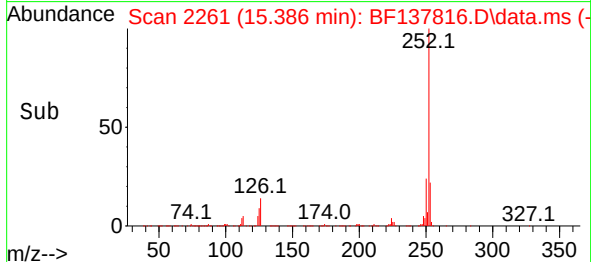
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 46.567 ng

RT: 15.757 min Scan# 2324

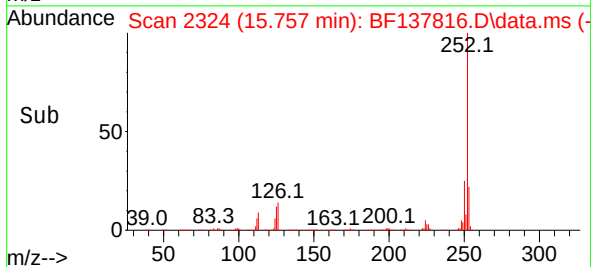
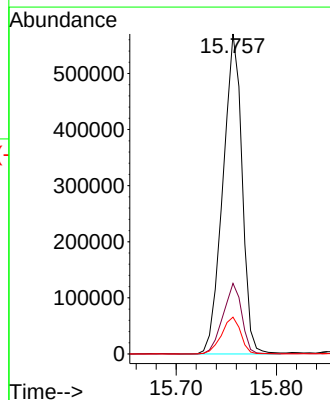
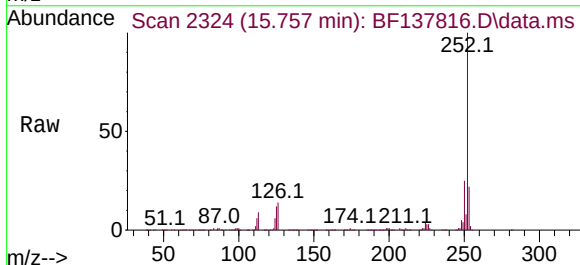
Delta R.T. 0.000 min

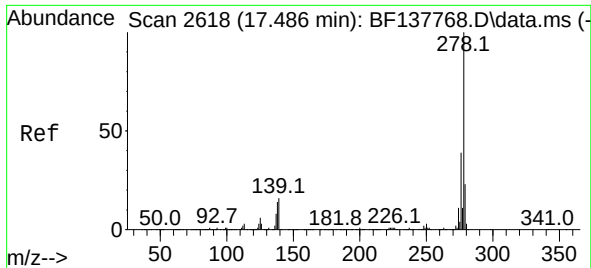
Lab File: BF137816.D

Acq: 02 May 2024 15:45

Tgt Ion:252 Resp: 757421

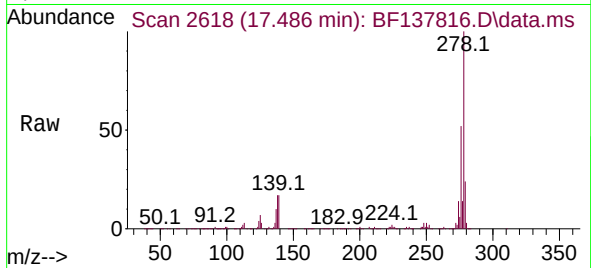
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.5	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 49.039 ng
RT: 17.486 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

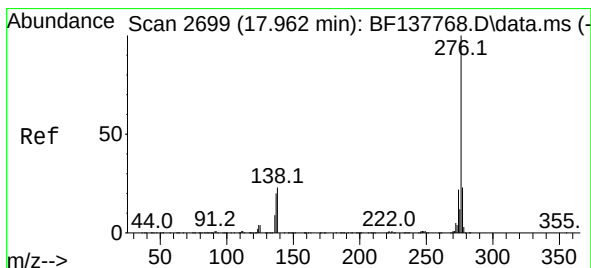
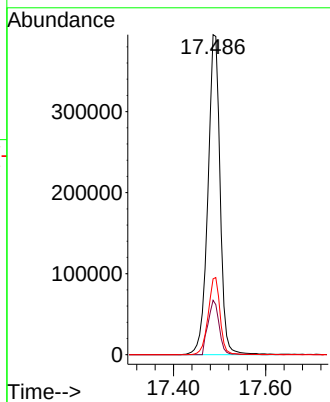
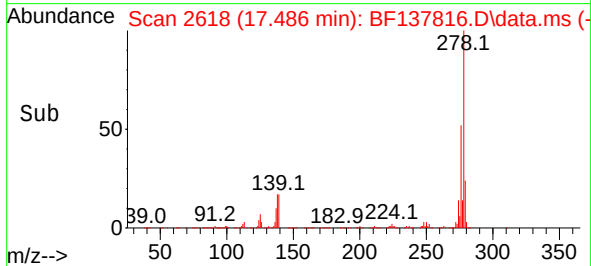
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MSMS



Tgt Ion:278 Resp: 727200
Ion Ratio Lower Upper
278 100
139 17.0 13.0 19.6
279 23.7 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: 44.599 ng
RT: 17.974 min Scan# 2701
Delta R.T. 0.012 min
Lab File: BF137816.D
Acq: 02 May 2024 15:45

Tgt Ion:276 Resp: 693317
Ion Ratio Lower Upper
276 100
277 23.8 18.0 27.0
138 22.0 18.1 27.1

