

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137879.D
 Acq On : 10 May 2024 14:18
 Operator : CG\JU
 Sample : PB160807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160807BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:33:46 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	7.051	152	161071	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	655174	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	385404	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	682186	20.000	ng	0.00
76) Chrysene-d12	14.245	240	408092	20.000	ng	0.00
86) Perylene-d12	15.815	264	358120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1174211	122.056	ng	0.01
7) Phenol-d6	6.669	99	1466564	120.187	ng	0.00
23) Nitrobenzene-d5	7.616	82	913645	81.018	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	527000	133.924	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1945263	81.886	ng	-0.01
79) Terphenyl-d14	13.180	244	2283125	93.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	152847	35.282	ng	96
3) Pyridine	3.799	79	383174	36.546	ng	96
4) n-Nitrosodimethylamine	3.769	42	186258	39.450	ng	98
6) Aniline	6.710	93	399145m	33.003	ng	
8) 2-Chlorophenol	6.834	128	471813	45.003	ng	99
9) Benzaldehyde	6.604	77	197371	30.035	ng	98
10) Phenol	6.681	94	526832	42.135	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	405025	41.370	ng	99
12) 1,3-Dichlorobenzene	6.992	146	500377	42.324	ng	98
13) 1,4-Dichlorobenzene	7.069	146	506694	42.713	ng	99
14) 1,2-Dichlorobenzene	7.222	146	481945	43.134	ng	99
15) Benzyl Alcohol	7.187	79	369631	43.803	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	539799	39.226	ng	97
17) 2-Methylphenol	7.292	107	372715	44.058	ng	98
18) Hexachloroethane	7.563	117	171425	42.745	ng	99
19) n-Nitroso-di-n-propyla...	7.457	70	299633	41.089	ng	96
20) 3+4-Methylphenols	7.439	107	471226	42.339	ng	95
22) Acetophenone	7.457	105	628705	42.667	ng	99
24) Nitrobenzene	7.634	77	462940	39.831	ng	95
25) Isophorone	7.869	82	839621	41.295	ng	98
26) 2-Nitrophenol	7.945	139	255890	48.618	ng	92
27) 2,4-Dimethylphenol	7.975	122	341235	45.034	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	500874	40.686	ng	98
29) 2,4-Dichlorophenol	8.186	162	398357	43.495	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	424607	42.528	ng	100
31) Naphthalene	8.357	128	1370011	42.077	ng	99
32) Benzoic acid	8.086	122	279584	42.770	ng	99
33) 4-Chloroaniline	8.398	127	183672	15.212	ng	99
34) Hexachlorobutadiene	8.469	225	259614	42.353	ng	100
35) Caprolactam	8.769	113	130397m	44.936	ng	
36) 4-Chloro-3-methylphenol	8.875	107	416928	43.653	ng	94
37) 2-Methylnaphthalene	9.051	142	936947	44.456	ng	100
38) 1-Methylnaphthalene	9.151	142	866809	41.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	438819	42.989	ng	99
41) Hexachlorocyclopentadiene	9.198	237	484707	116.907	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	299525	43.107	ng	99

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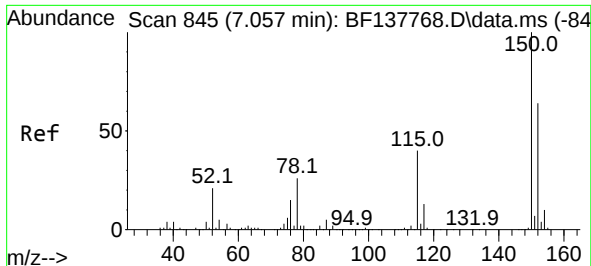
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	323558	42.172	ng	96
46) 1,1'-Biphenyl	9.516	154	1123687	42.484	ng	98
47) 2-Chloronaphthalene	9.545	162	874639	40.959	ng	99
48) 2-Nitroaniline	9.633	65	252000	43.513	ng	98
49) Acenaphthylene	9.963	152	1394779	45.153	ng	100
50) Dimethylphthalate	9.810	163	1051508	43.218	ng	100
51) 2,6-Dinitrotoluene	9.875	165	235867	42.421	ng	96
52) Acenaphthene	10.133	154	944759	46.141	ng	99
53) 3-Nitroaniline	10.045	138	162622	27.929	ng	97
54) 2,4-Dinitrophenol	10.151	184	262736	96.168	ng	90
55) Dibenzofuran	10.304	168	1283236	43.067	ng	99
56) 4-Nitrophenol	10.198	139	408065	84.558	ng	96
57) 2,4-Dinitrotoluene	10.280	165	331976	45.701	ng	98
58) Fluorene	10.651	166	1006319	42.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	268802	43.154	ng	99
60) Diethylphthalate	10.510	149	974815	42.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	491069	42.028	ng	98
62) 4-Nitroaniline	10.669	138	244583	41.413	ng	95
63) Azobenzene	10.798	77	905586	40.548	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	183581	46.886	ng	81
66) n-Nitrosodiphenylamine	10.757	169	852977	41.771	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	311826	42.711	ng	96
68) Hexachlorobenzene	11.198	284	339405	42.540	ng	97
69) Atrazine	11.280	200	300284	48.227	ng	98
70) Pentachlorophenol	11.392	266	431083	78.700	ng	99
71) Phenanthrene	11.622	178	1447923	43.545	ng	99
72) Anthracene	11.674	178	1452598	43.906	ng	99
73) Carbazole	11.822	167	1345798	42.208	ng	100
74) Di-n-butylphthalate	12.139	149	1521839	43.754	ng	100
75) Fluoranthene	12.816	202	1521626	41.864	ng	98
77) Benzidine	12.927	184	331766	35.151	ng	99
78) Pyrene	13.045	202	1516883	46.880	ng	99
80) Butylbenzylphthalate	13.651	149	540586	52.657	ng	97
81) Benzo(a)anthracene	14.233	228	1150516	44.079	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	251321	32.163	ng	99
83) Chrysene	14.274	228	1059136	43.337	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	662267	51.186	ng	99
85) Di-n-octyl phthalate	14.833	149	944440	54.239	ng	98
87) Indeno(1,2,3-cd)pyrene	17.451	276	1020561	50.125	ng	99
88) Benzo(b)fluoranthene	15.345	252	946505	42.480	ng	100
89) Benzo(k)fluoranthene	15.374	252	949500	44.090	ng	98
90) Benzo(a)pyrene	15.745	252	852352	46.890	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	830224	50.096	ng	99
92) Benzo(g,h,i)perylene	17.956	276	790867	45.522	ng	98

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



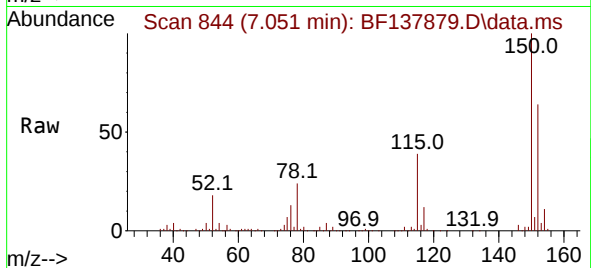
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

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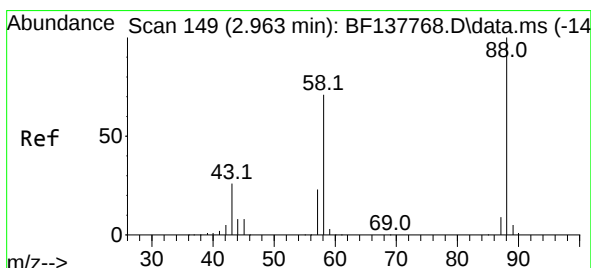
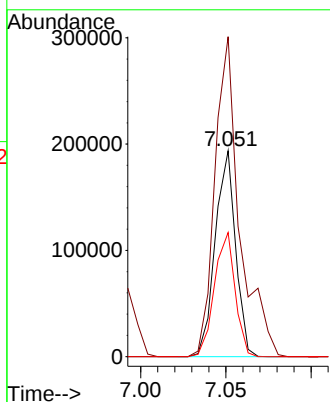
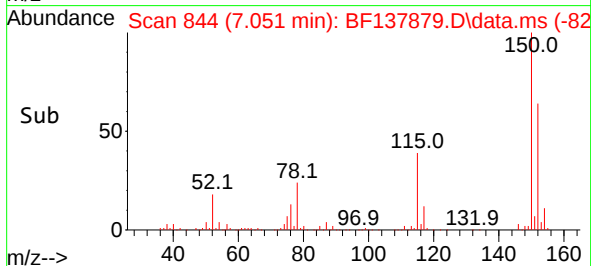
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Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.3 49.1 73.7

Manual Integrations

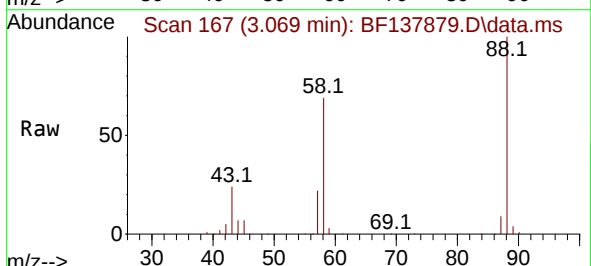
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Reviewed By :Yogesh Patel 05/13/2024

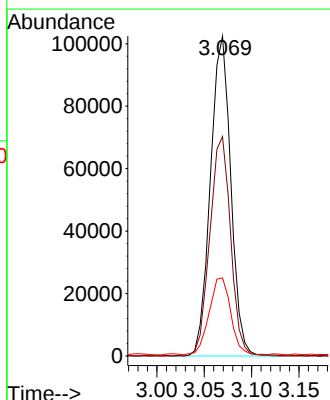
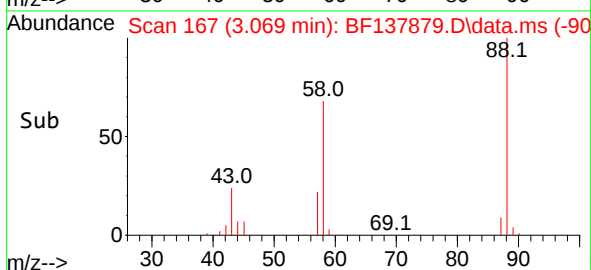
Supervised By :mohammad ahmed 05/13/2024

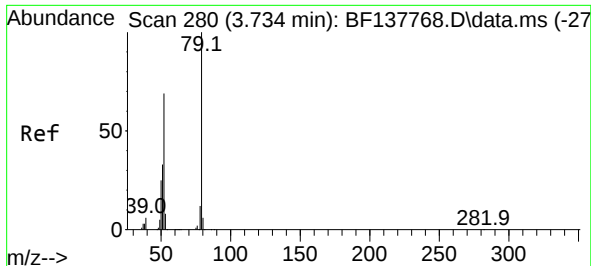


#2
1,4-Dioxane
Concen: 35.282 ng
RT: 3.069 min Scan# 167
Delta R.T. 0.106 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion: 88 Resp: 152847
Ion Ratio Lower Upper
88 100
58 70.3 58.8 88.2
43 25.3 21.4 32.0





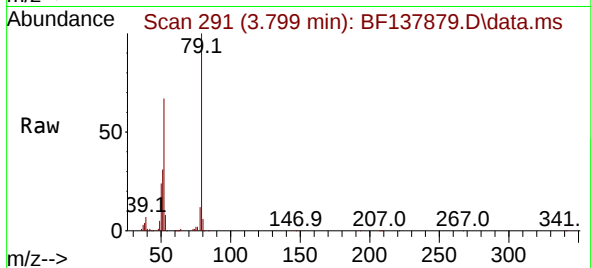
#3
Pyridine
Concen: 36.546 ng
RT: 3.799 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

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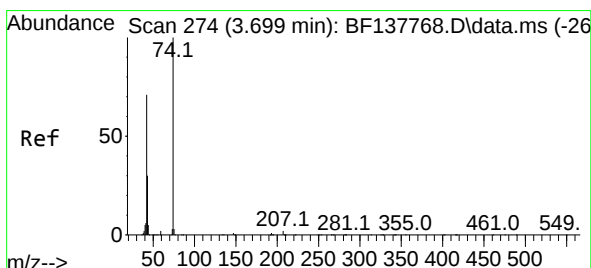
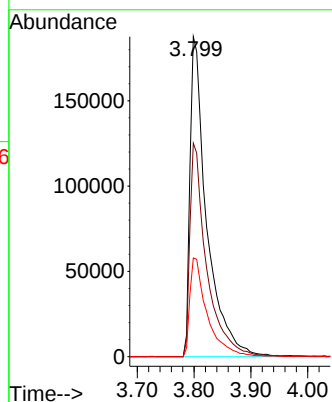
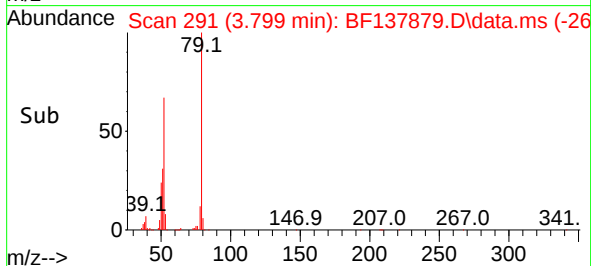


Tgt Ion: 79 Resp: 383174
Ion Ratio Lower Upper
79 100
52 66.7 55.5 83.3
51 30.9 26.9 40.3

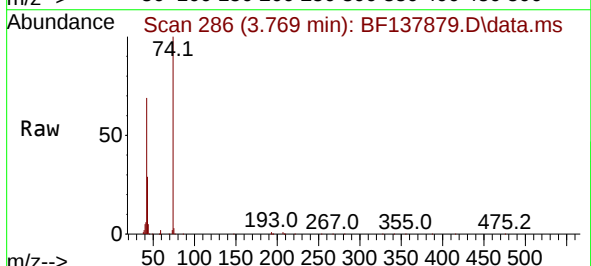
Manual Integrations

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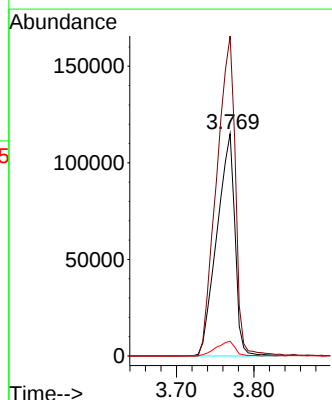
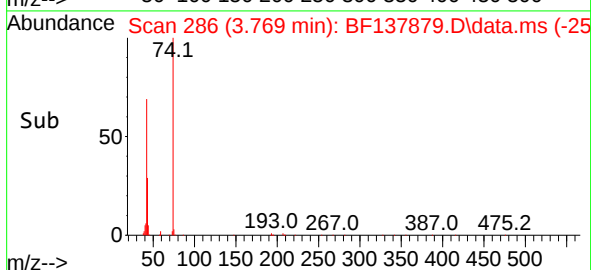
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

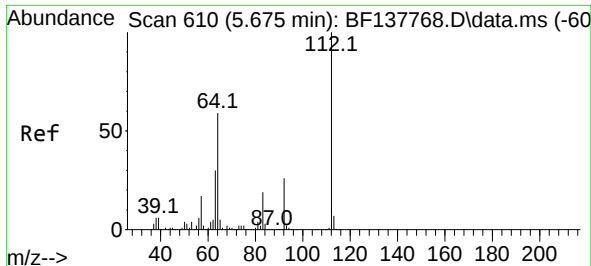


#4
n-Nitrosodimethylamine
Concen: 39.450 ng
RT: 3.769 min Scan# 286
Delta R.T. 0.071 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion: 42 Resp: 186258
Ion Ratio Lower Upper
42 100
74 144.0 112.9 169.3
44 6.7 5.6 8.4





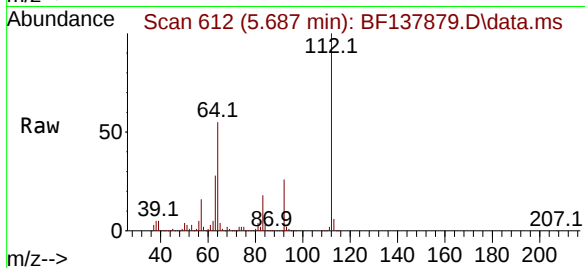
#5
2-Fluorophenol
Concen: 122.056 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

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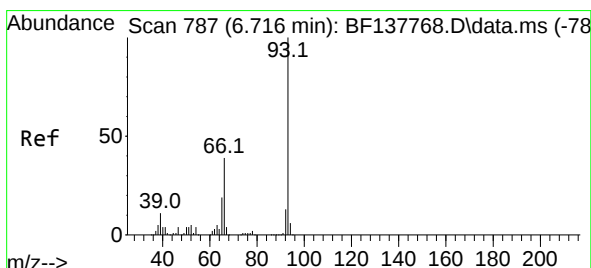
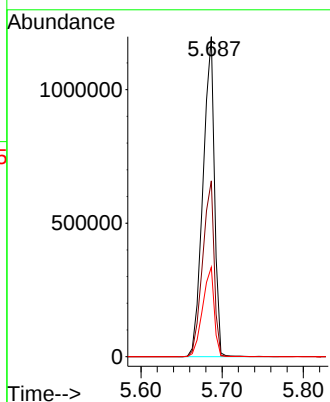
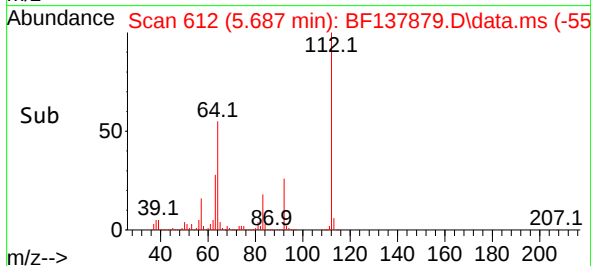
Tgt Ion:112 Resp: 117421
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.0 23.7 35.5

Manual Integrations

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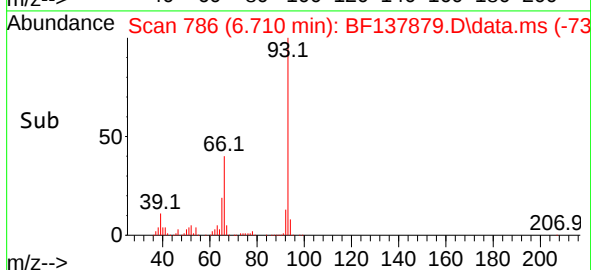
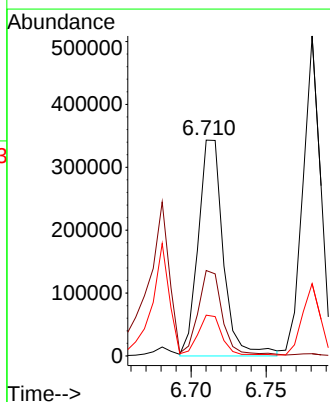
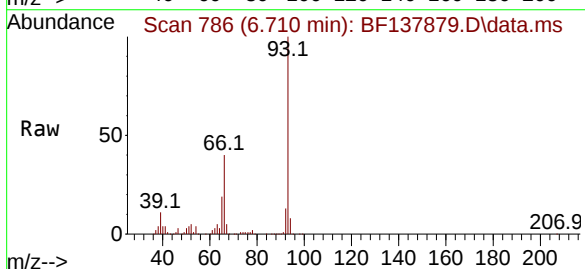
Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 33.003 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

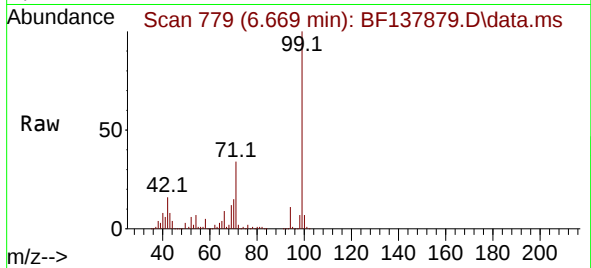
Tgt Ion: 93 Resp: 399145
Ion Ratio Lower Upper
93 100
66 39.6 31.8 47.6
65 18.9 15.4 23.2





#7
Phenol-d6
Concen: 120.187 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

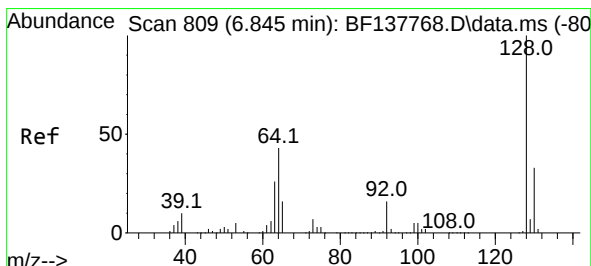
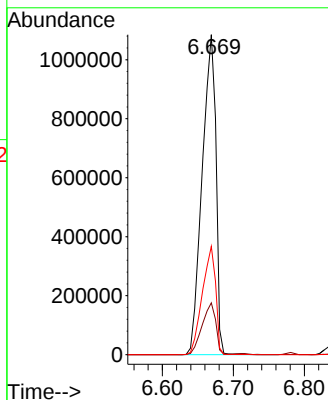
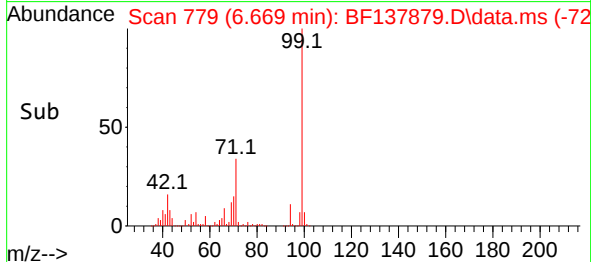
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Tgt Ion: 99 Resp: 1466564
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 33.8 25.0 37.4

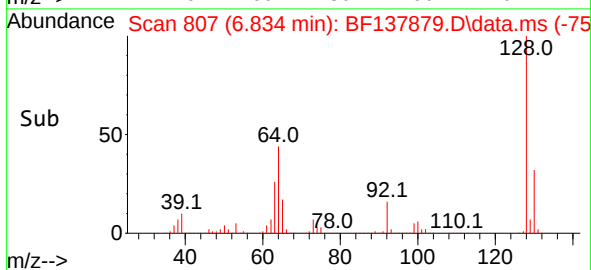
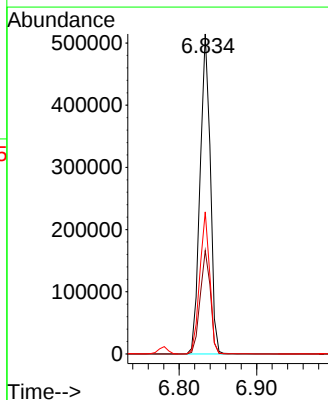
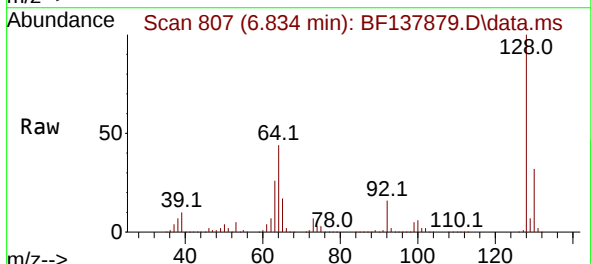
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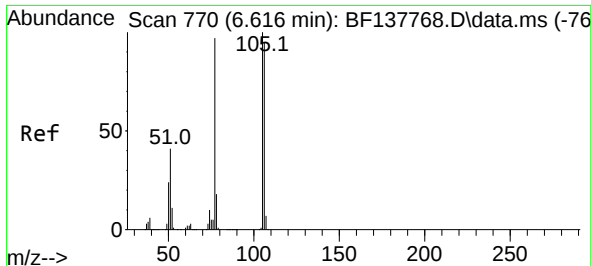
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
2-Chlorophenol
Concen: 45.003 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137879.D
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Tgt Ion:128 Resp: 471813
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 44.4 23.9 63.9





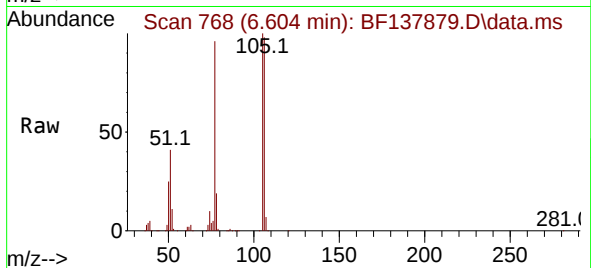
#9
Benzaldehyde
Concen: 30.035 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

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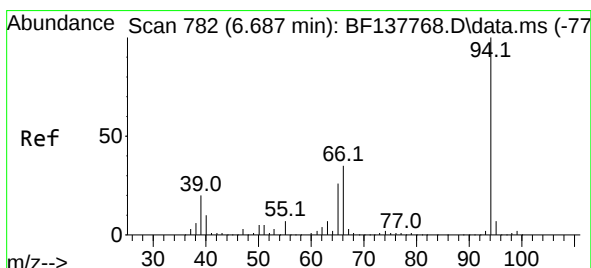
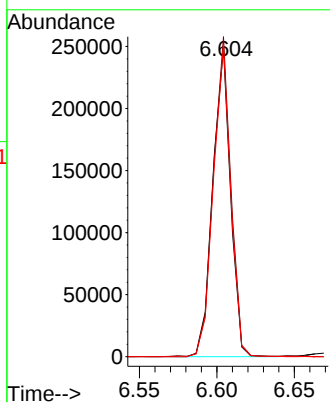
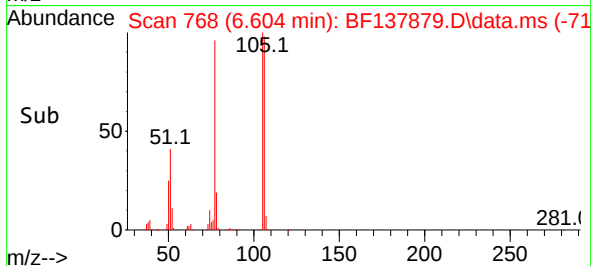


Tgt Ion: 77 Resp: 19737
Ion Ratio Lower Upper
77 100
105 103.8 83.2 123.2
106 101.2 77.7 117.7

Manual Integrations

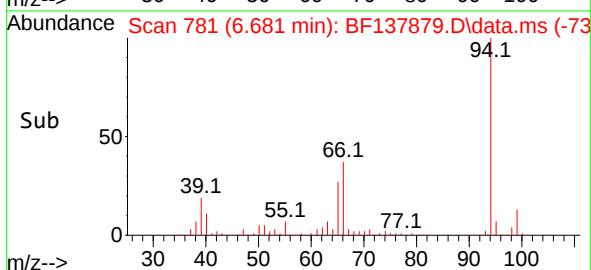
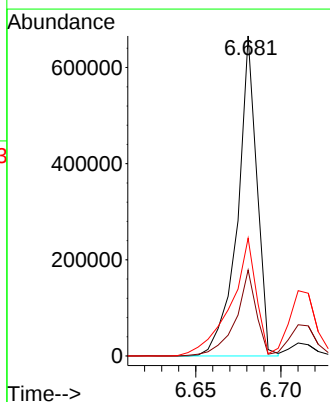
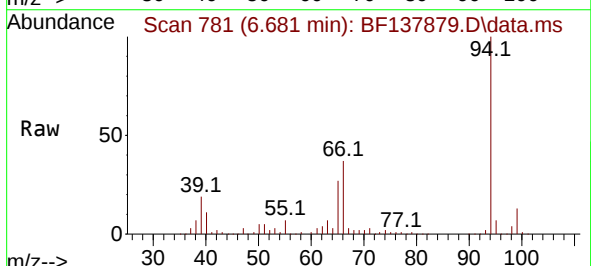
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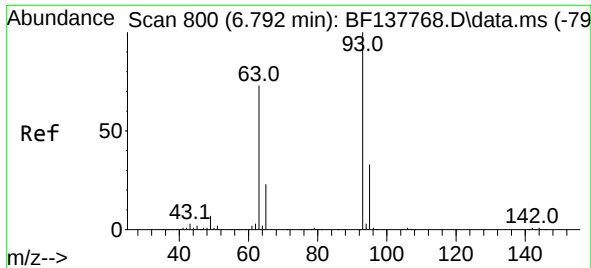
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 42.135 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion: 94 Resp: 526832
Ion Ratio Lower Upper
94 100
65 26.9 6.4 46.4
66 36.8 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 41.370 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

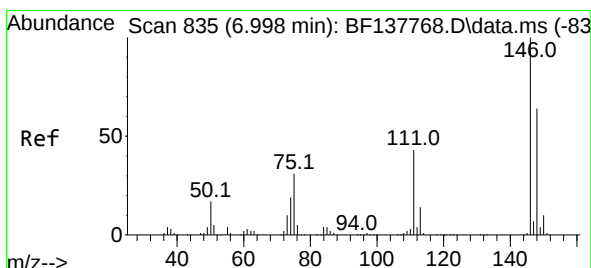
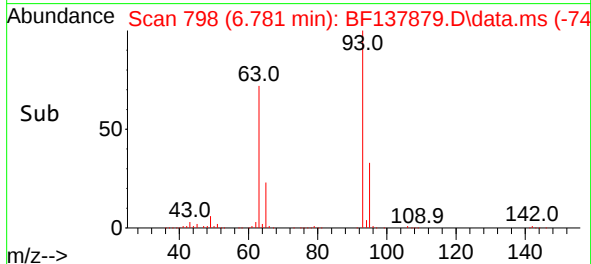
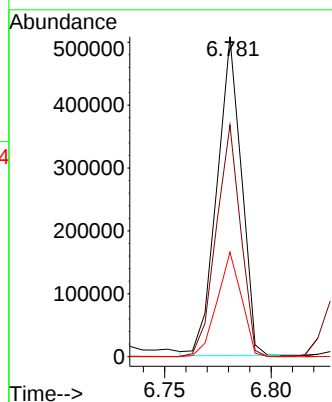
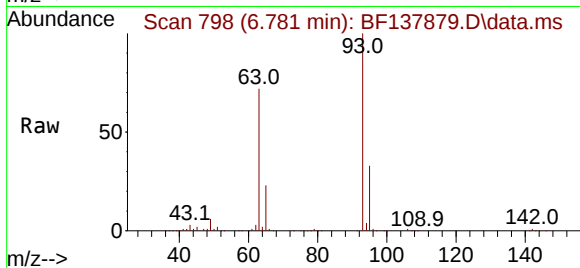
ClientSampleId :

PB160807BS

Tgt Ion: 93 Resp: 405029
Ion Ratio Lower Upper
93 100
63 72.4 51.6 91.6
95 32.7 12.1 52.1

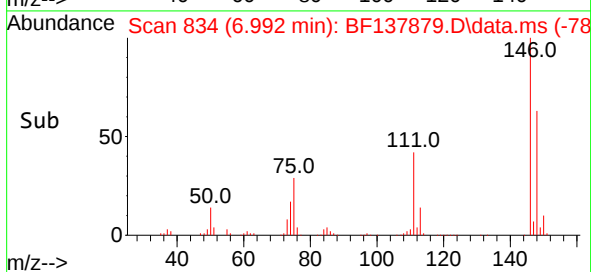
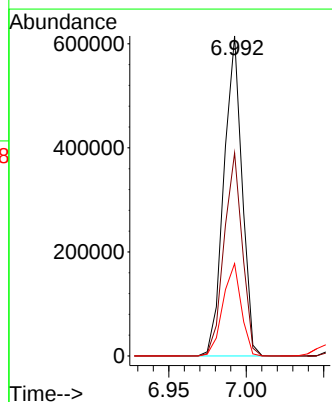
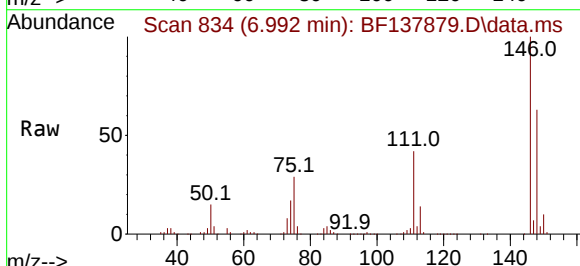
Manual Integrations
APPROVED

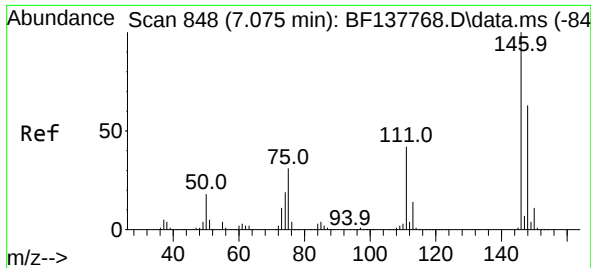
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#12
1,3-Dichlorobenzene
Concen: 42.324 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:146 Resp: 500377
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 28.9 25.1 37.7





#13
1,4-Dichlorobenzene
Concen: 42.713 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

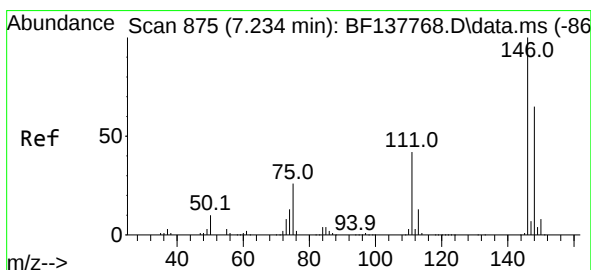
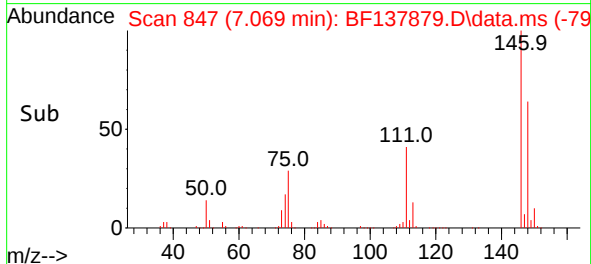
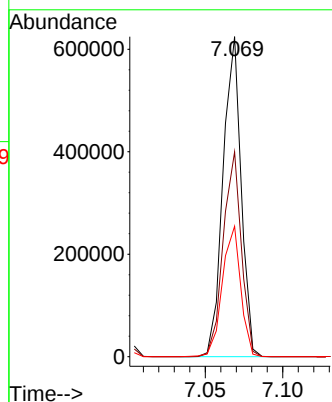
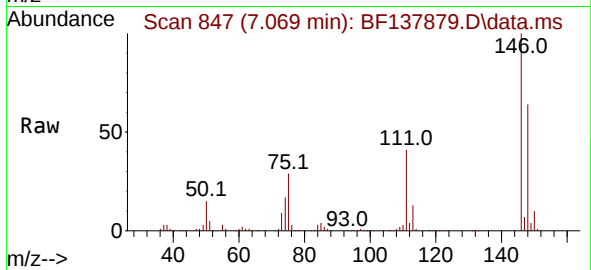
PB160807BS

Tgt Ion:146 Resp: 506694
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
111 40.7 33.8 50.8

Manual Integrations

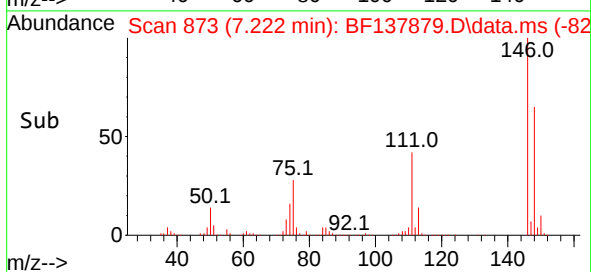
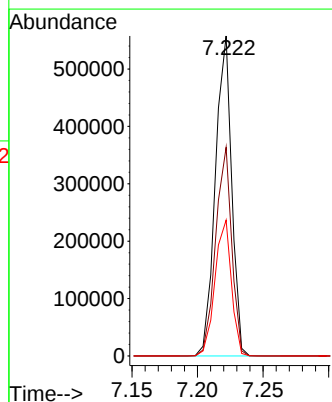
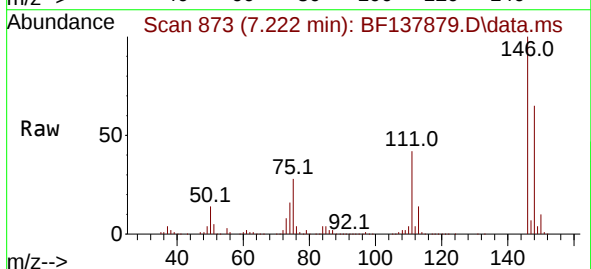
APPROVED

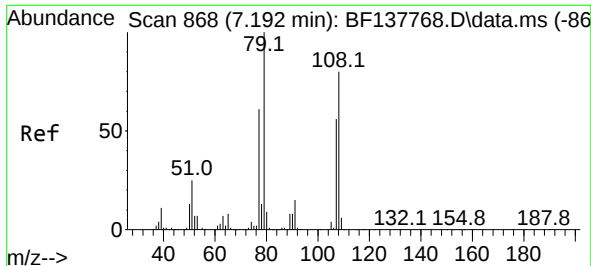
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 43.134 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:146 Resp: 481945
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
111 42.4 33.6 50.4





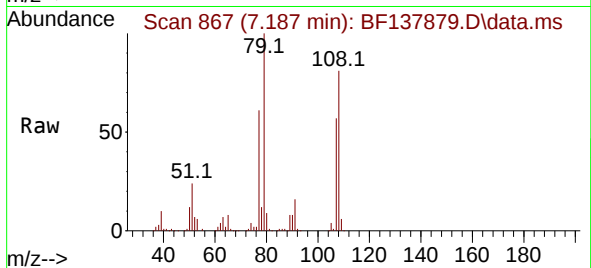
#15
Benzyl Alcohol
Concen: 43.803 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

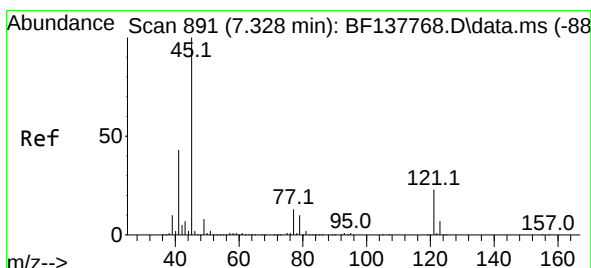
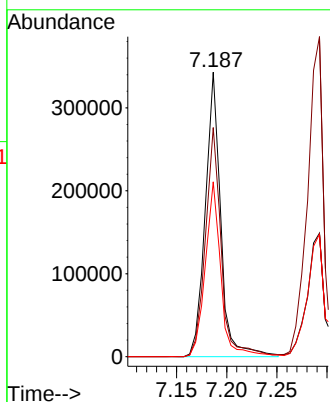
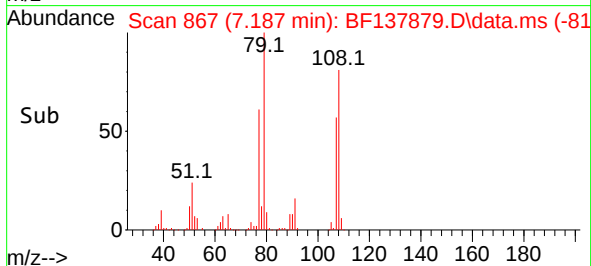
PB160807BS



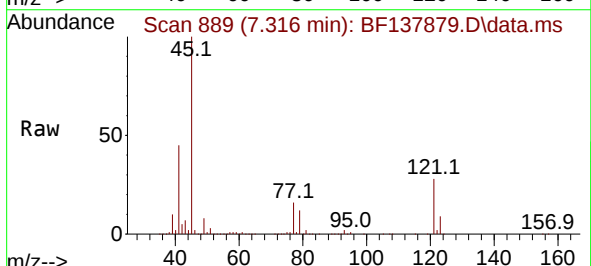
Tgt Ion: 79 Resp: 36963
Ion Ratio Lower Upper
79 100
108 80.5 64.2 96.2
77 61.5 48.5 72.7

Manual Integrations
APPROVED

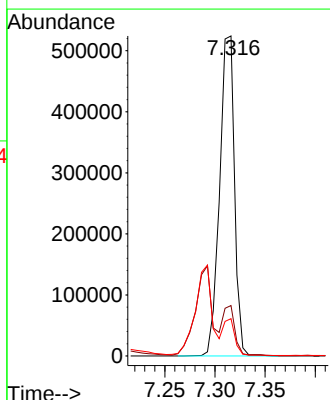
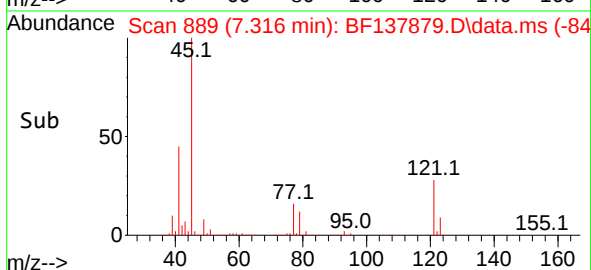
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

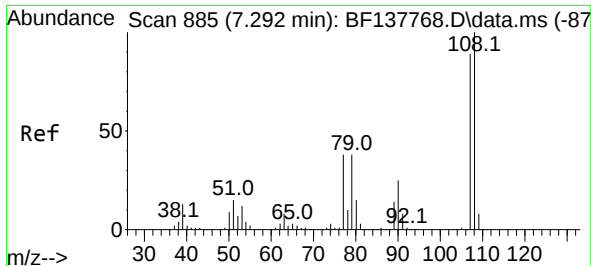


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.226 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion: 45 Resp: 539799
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.8
79 11.6 0.0 31.0





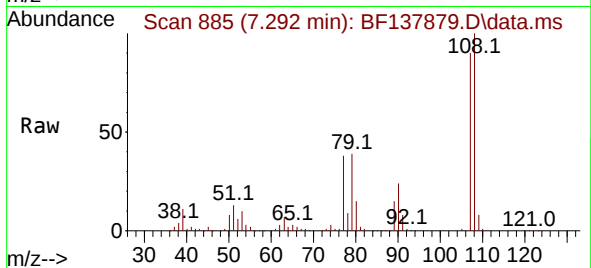
#17
2-Methylphenol
Concen: 44.058 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

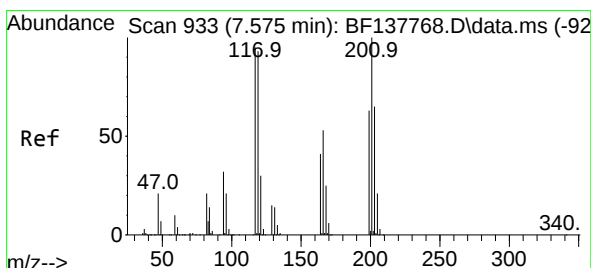
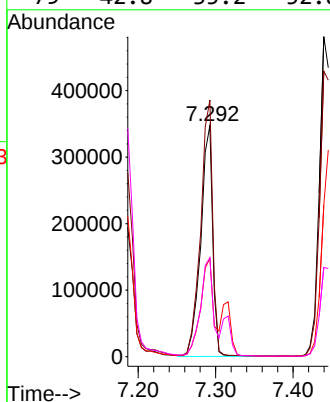
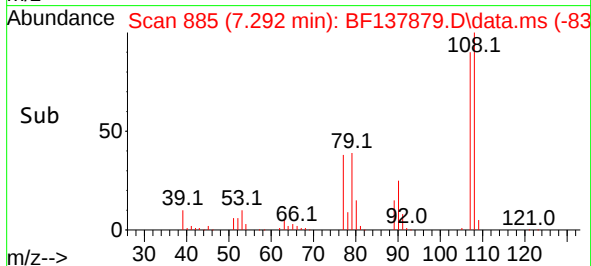


Tgt Ion:107 Resp: 372715
Ion Ratio Lower Upper
107 100
108 111.1 90.5 135.7
77 42.5 34.5 51.7
79 42.8 35.2 52.8

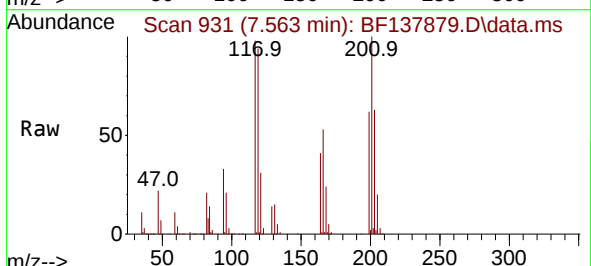
Manual Integrations

APPROVED

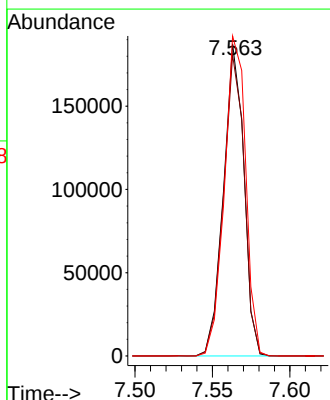
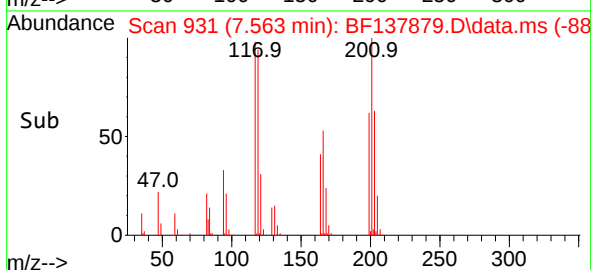
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#18
Hexachloroethane
Concen: 42.745 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



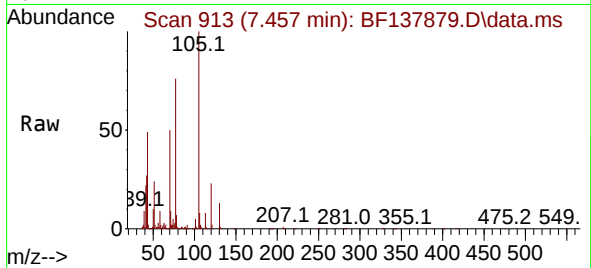
Tgt Ion:117 Resp: 171425
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4
201 102.5 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.089 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

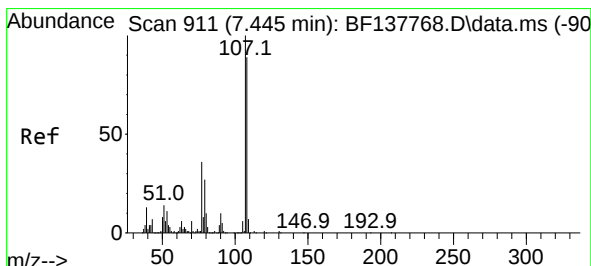
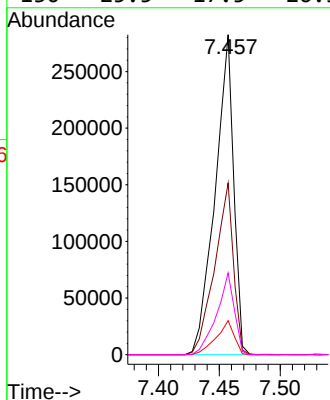
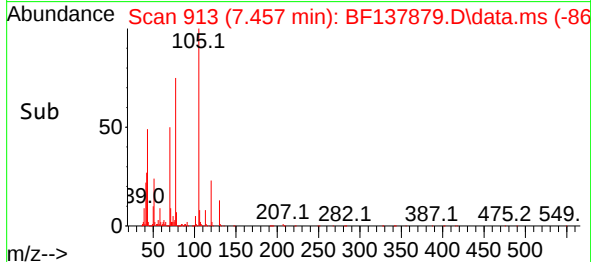
Instrument :
BNA_F
ClientSampleId :
PB160807BS



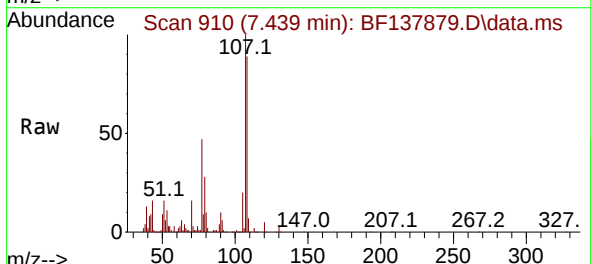
Tgt Ion: 70 Resp: 29963
Ion Ratio Lower Upper
70 100
42 53.6 44.6 66.8
101 10.7 7.8 11.6
130 25.5 17.5 26.3

Manual Integrations
APPROVED

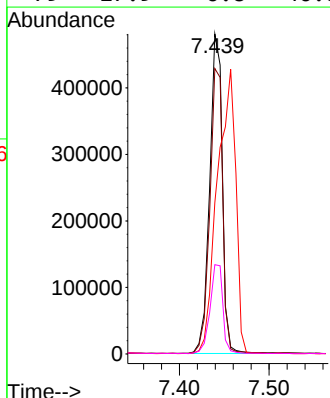
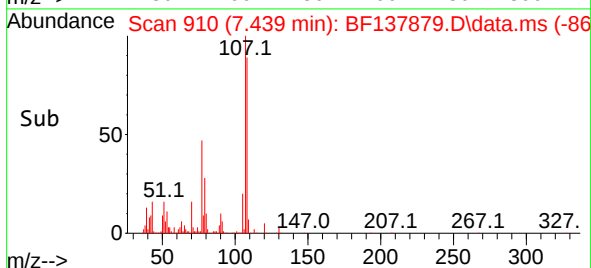
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

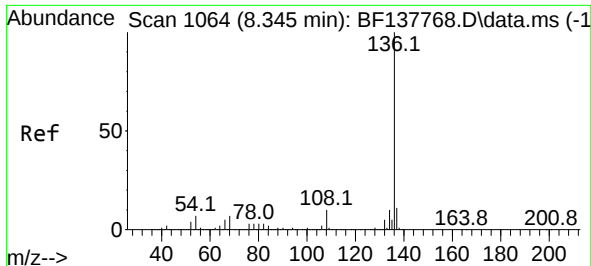


#20
3+4-Methylphenols
Concen: 42.339 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:107 Resp: 471226
Ion Ratio Lower Upper
107 100
108 89.2 69.3 109.3
77 47.3 15.7 55.7
79 27.9 6.8 46.8





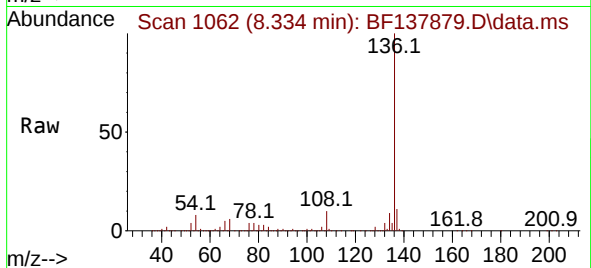
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

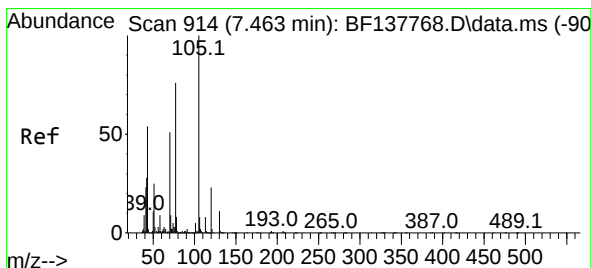
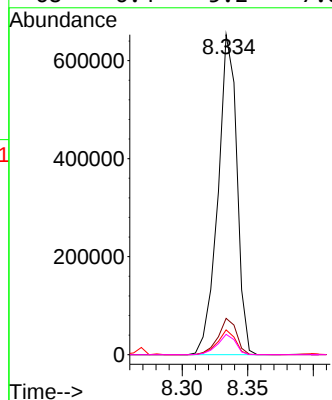
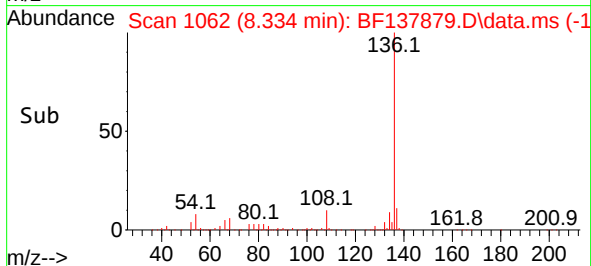


Tgt Ion:136 Resp: 655174
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 5.8 8.8
68 6.4 5.2 7.8

Manual Integrations

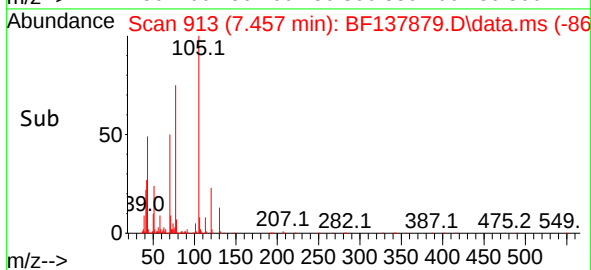
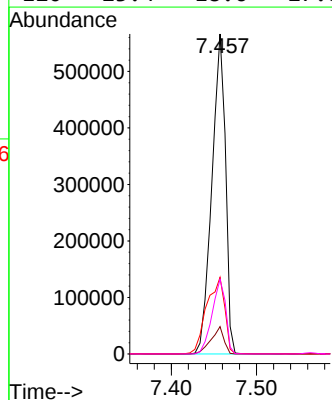
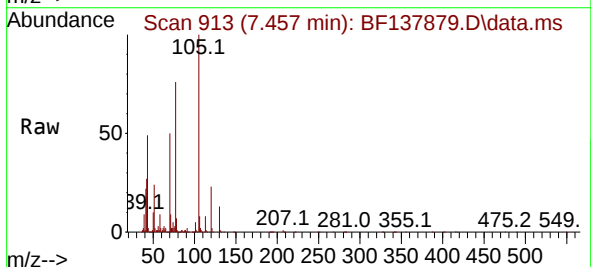
APPROVED

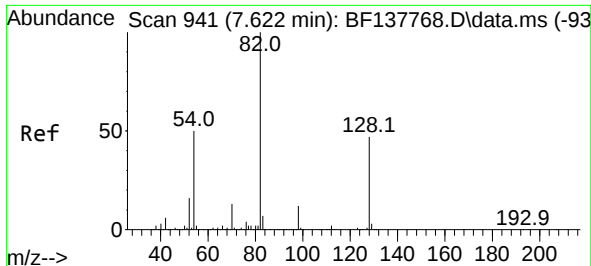
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 42.667 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

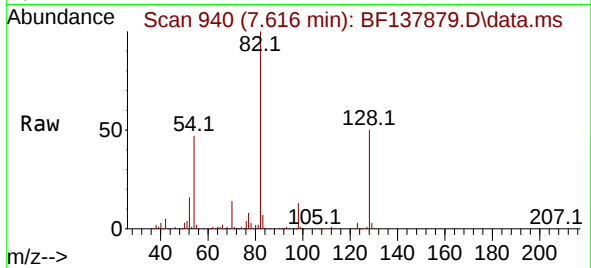
Tgt Ion:105 Resp: 628705
Ion Ratio Lower Upper
105 100
71 8.6 6.9 10.3
51 24.0 20.2 30.2
120 23.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 81.018 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

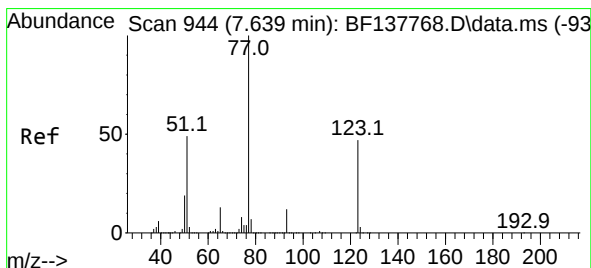
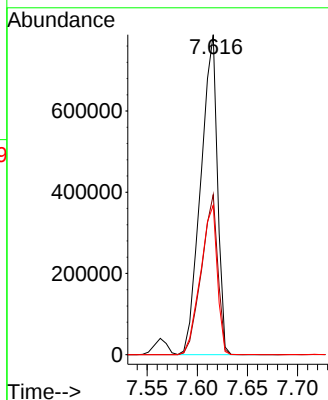
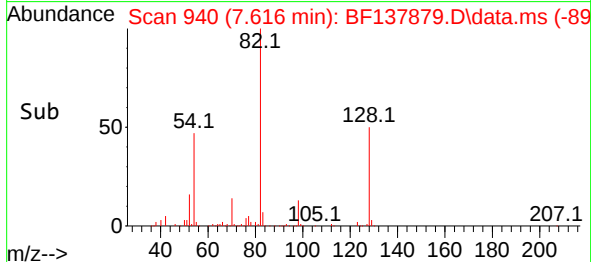
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion: 82 Resp: 91364
Ion Ratio Lower Upper
82 100
128 50.0 37.5 56.3
54 46.7 39.8 59.6

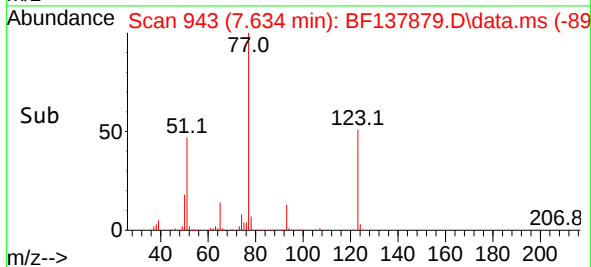
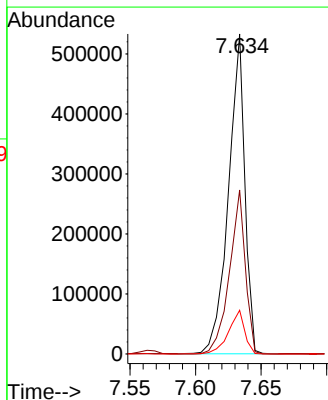
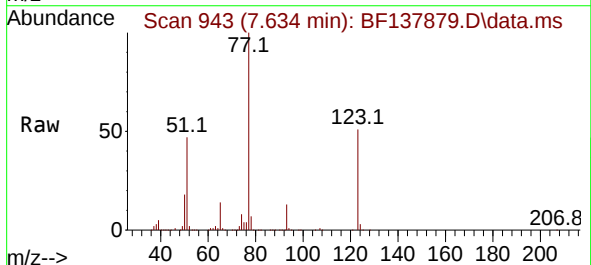
Manual Integrations
APPROVED

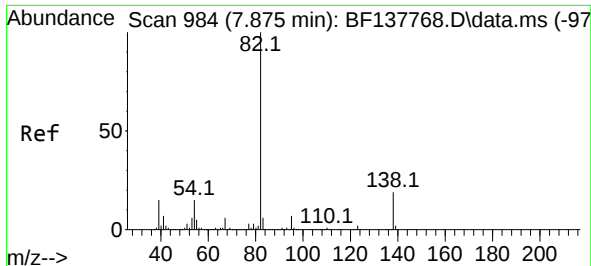
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#24
Nitrobenzene
Concen: 39.831 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion: 77 Resp: 462940
Ion Ratio Lower Upper
77 100
123 51.3 37.4 56.2
65 13.7 10.7 16.1





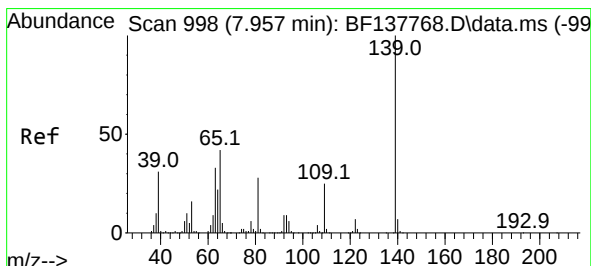
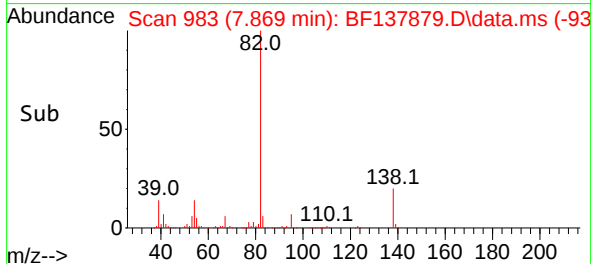
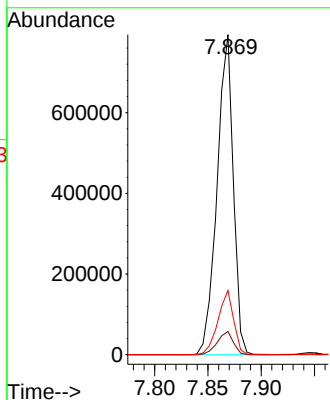
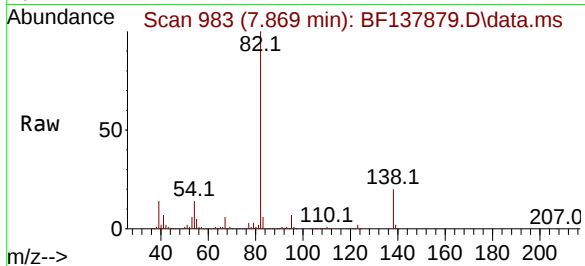
#25
Isophorone
Concen: 41.295 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :
BNA_F
ClientSampleId :
PB160807BS

Tgt Ion: 82 Resp: 83962
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 20.1 15.0 22.6

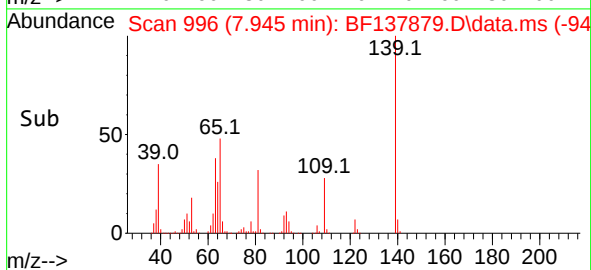
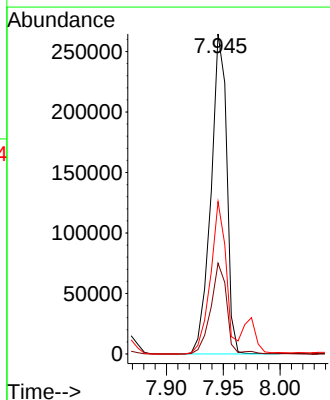
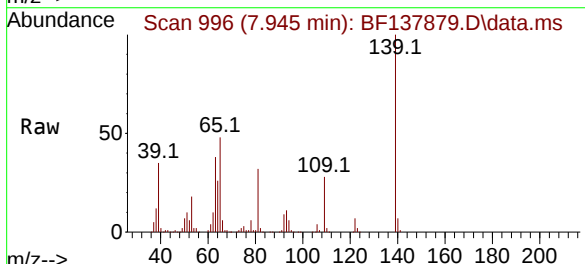
Manual Integrations
APPROVED

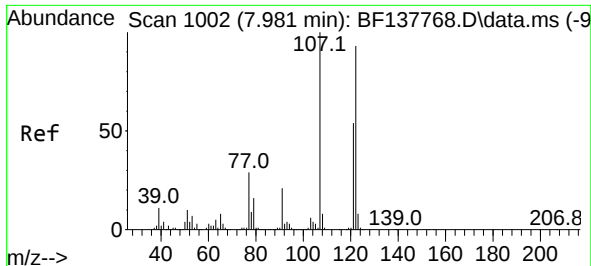
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 48.618 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:139 Resp: 255890
Ion Ratio Lower Upper
139 100
109 28.3 20.2 30.2
65 47.6 33.4 50.0





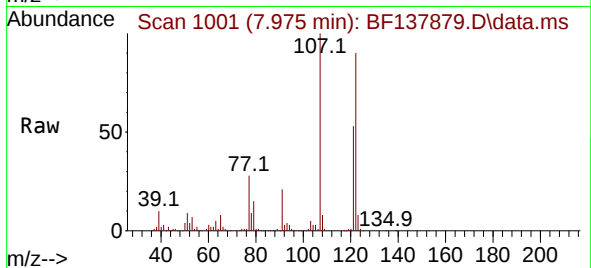
#27
2,4-Dimethylphenol
Concen: 45.034 ng
RT: 7.975 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



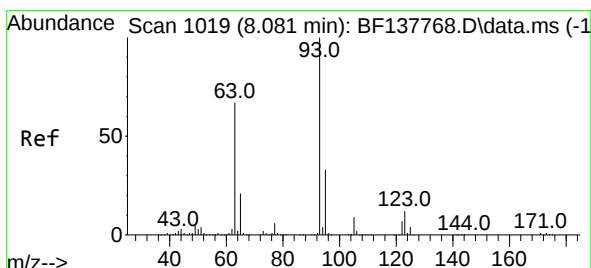
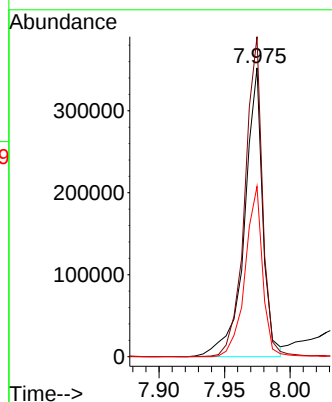
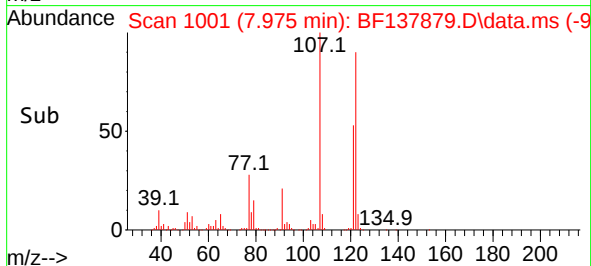
Tgt Ion:122 Resp: 341235
Ion Ratio Lower Upper
122 100
107 110.8 85.8 128.8
121 59.0 46.6 69.8

Manual Integrations

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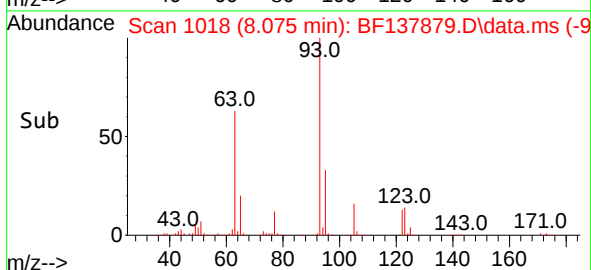
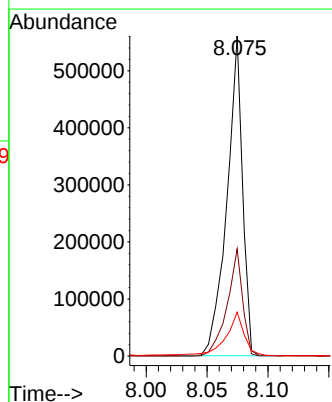
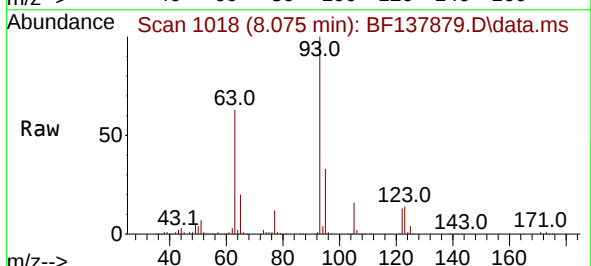
Reviewed By :Yogesh Patel 05/13/2024

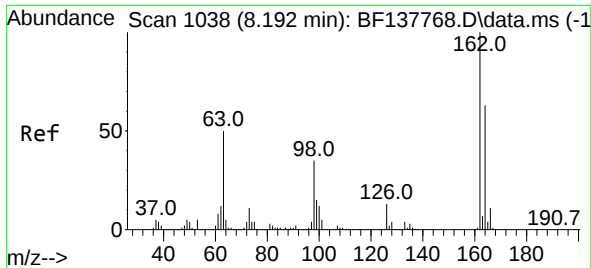
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.686 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion: 93 Resp: 500874
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 13.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.495 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

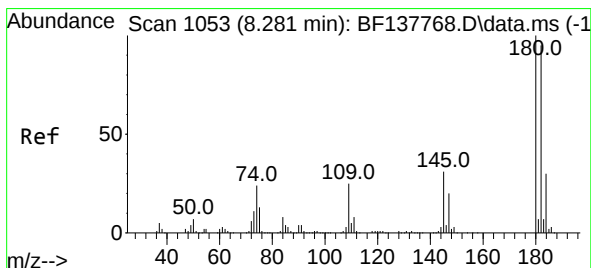
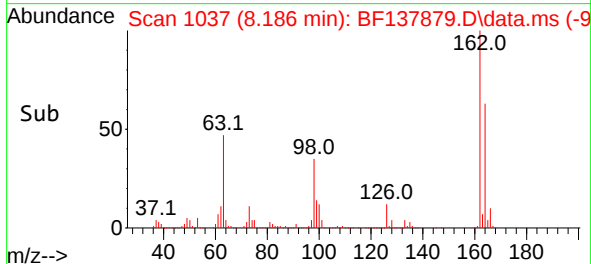
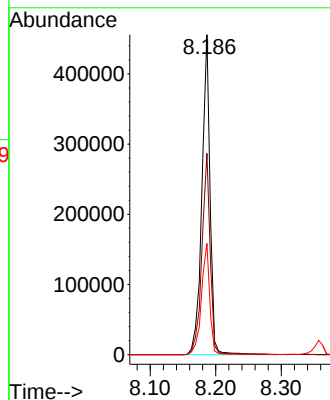
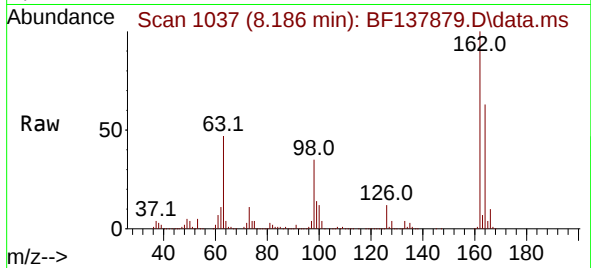
Tgt Ion:162 Resp: 39835
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.5 83.5
 98 34.7 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.528 ng

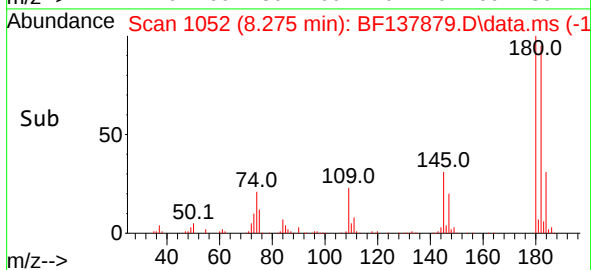
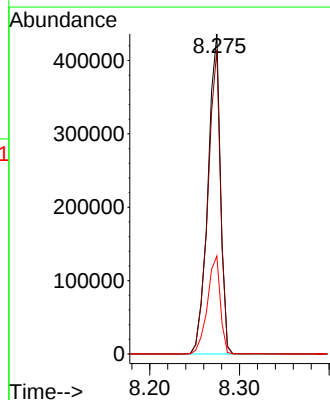
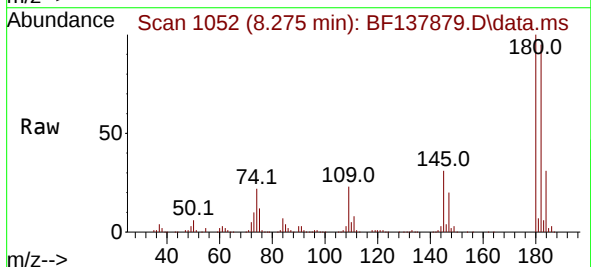
RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

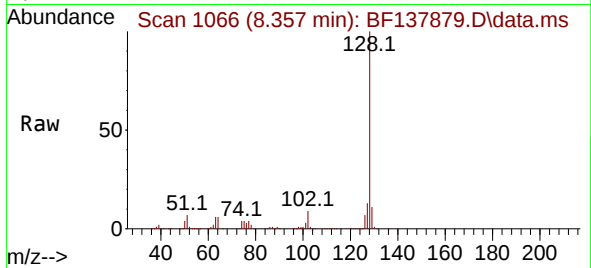
Tgt Ion:180 Resp: 424607
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 30.6 25.1 37.7





#31
Naphthalene
Concen: 42.077 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

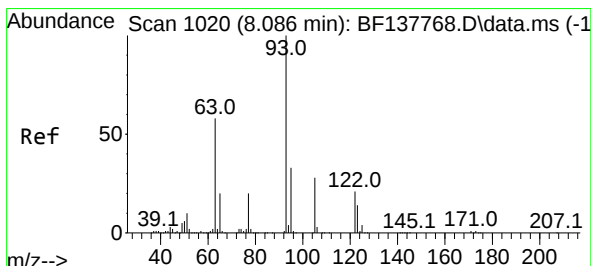
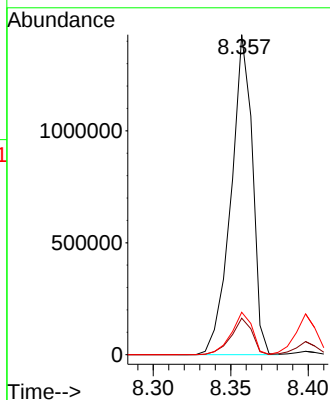
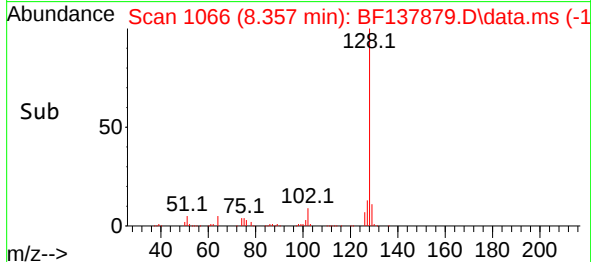
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:128 Resp: 137001
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.6 16.0

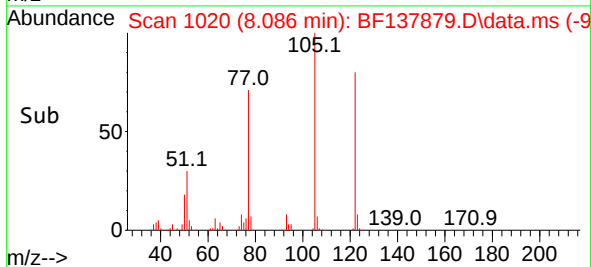
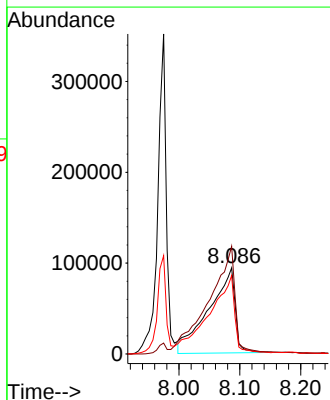
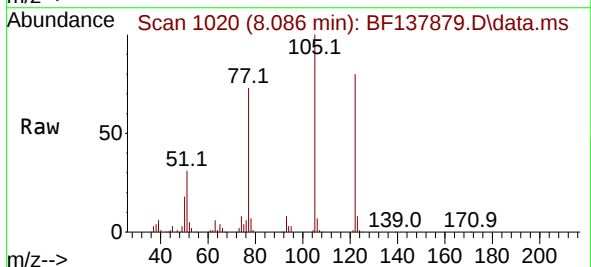
Manual Integrations
APPROVED

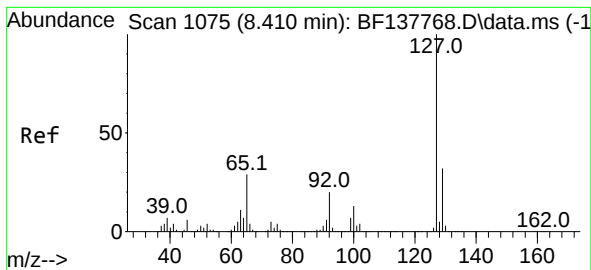
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 42.770 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:122 Resp: 279584
Ion Ratio Lower Upper
122 100
105 124.9 105.3 145.3
77 91.0 73.2 113.2





#33
4-Chloroaniline
Concen: 15.212 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

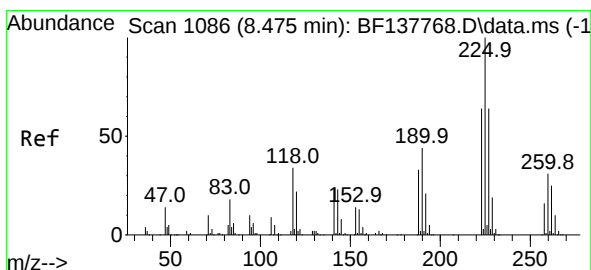
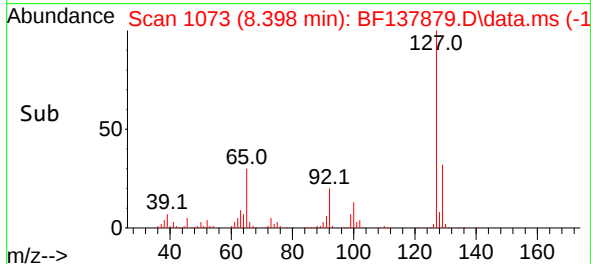
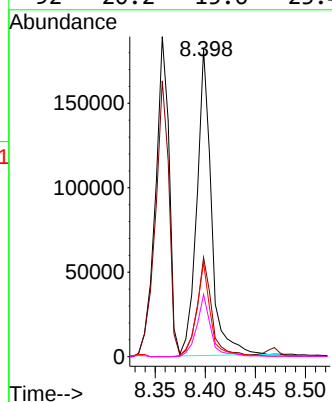
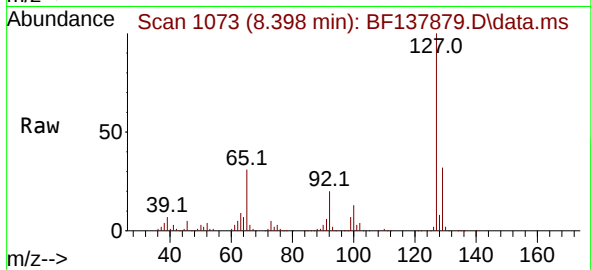
PB160807BS

Tgt Ion:127 Resp: 183672
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 30.5 23.4 35.2
92 20.2 15.6 23.4

Manual Integrations

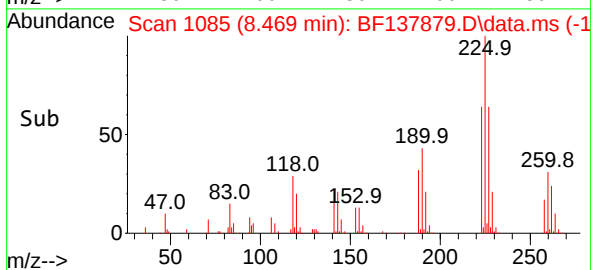
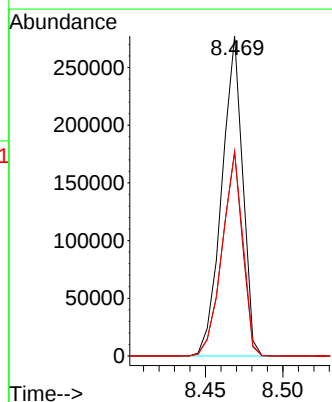
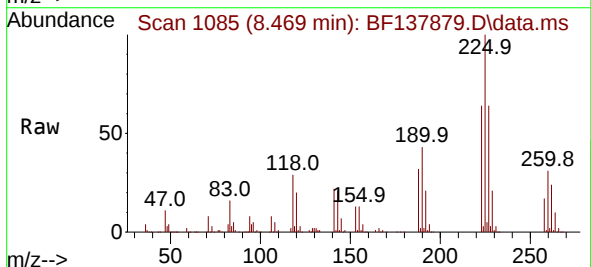
APPROVED

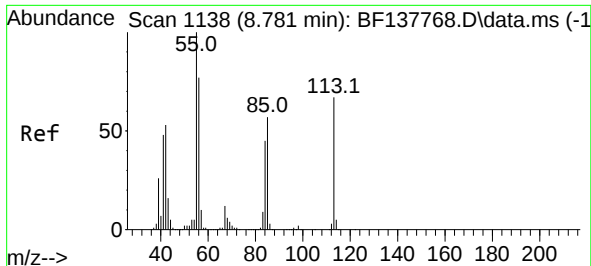
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 42.353 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:225 Resp: 259614
Ion Ratio Lower Upper
225 100
223 63.8 51.1 76.7
227 63.8 51.4 77.0





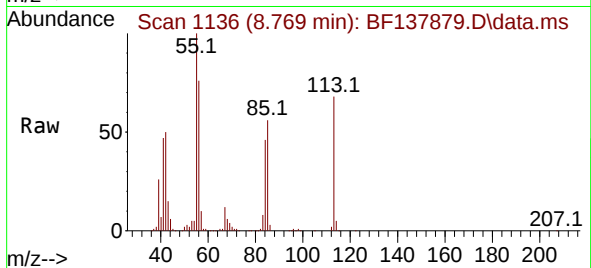
#35
Caprolactam
Concen: 44.936 ng m
RT: 8.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



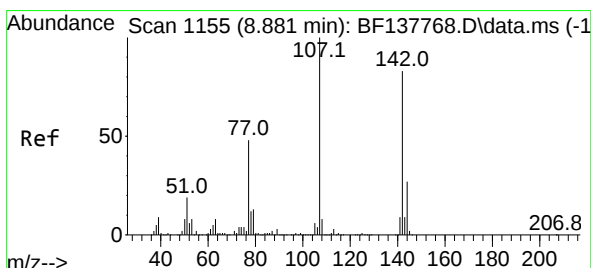
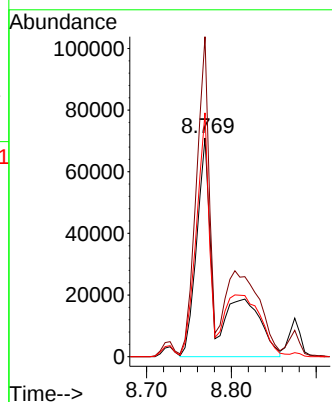
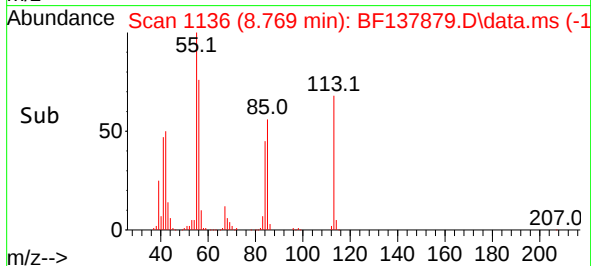
Tgt Ion:113 Resp: 130397
Ion Ratio Lower Upper
113 100
55 146.3 128.7 168.7
56 111.5 93.9 133.9

Manual Integrations

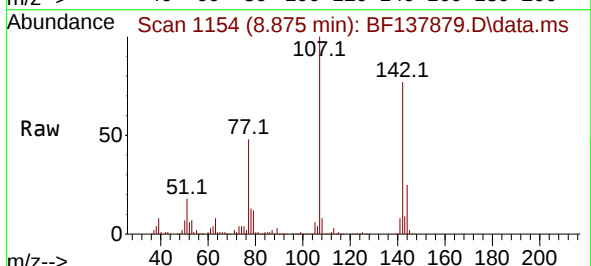
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

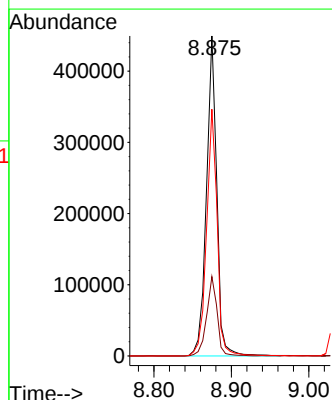
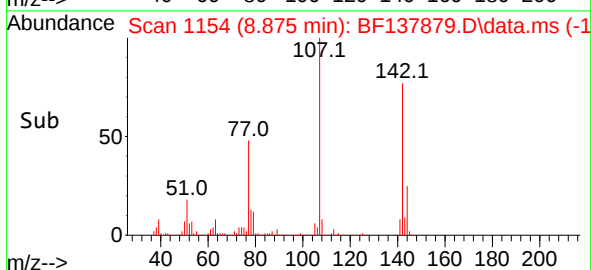
Supervised By :mohammad ahmed 05/13/2024

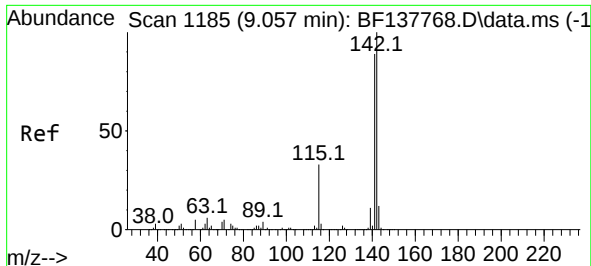


#36
4-Chloro-3-methylphenol
Concen: 43.653 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:107 Resp: 416928
Ion Ratio Lower Upper
107 100
144 24.8 21.4 32.0
142 77.1 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.456 ng

RT: 9.051 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

Tgt Ion:142 Resp: 93694

Ion Ratio Lower Upper

142 100

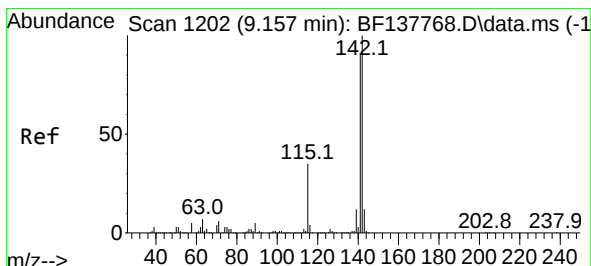
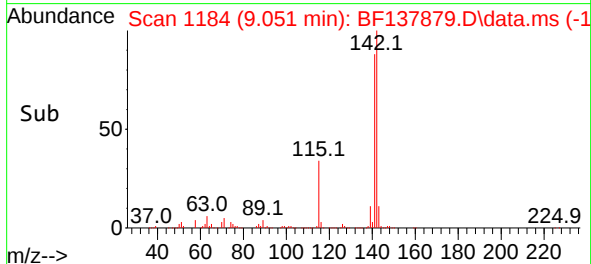
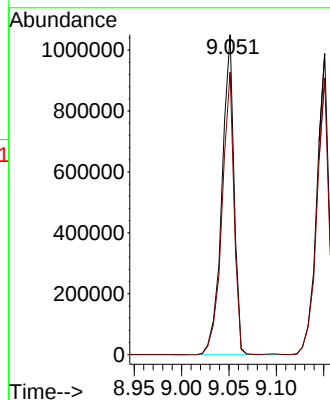
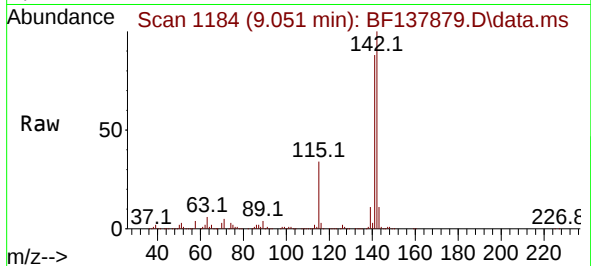
141 88.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

1-Methylnaphthalene

Concen: 41.804 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137879.D

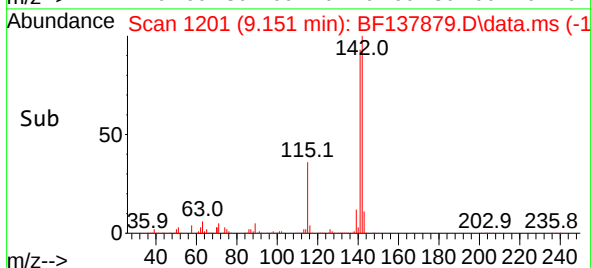
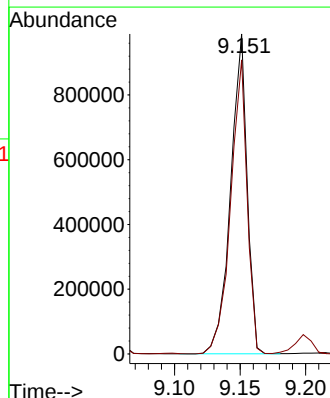
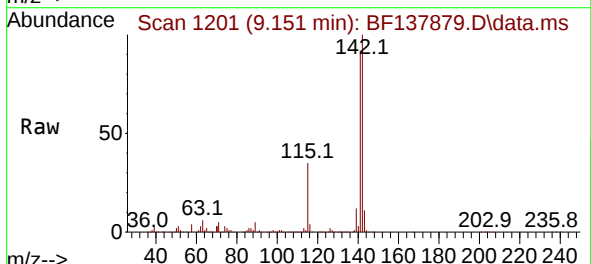
Acq: 10 May 2024 14:18

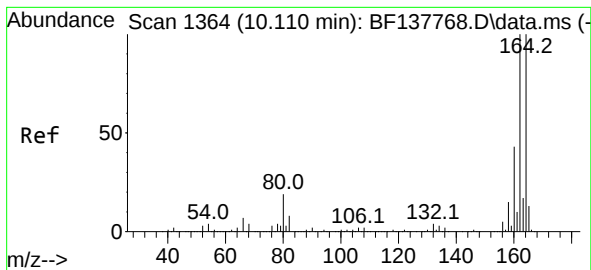
Tgt Ion:142 Resp: 866809

Ion Ratio Lower Upper

142 100

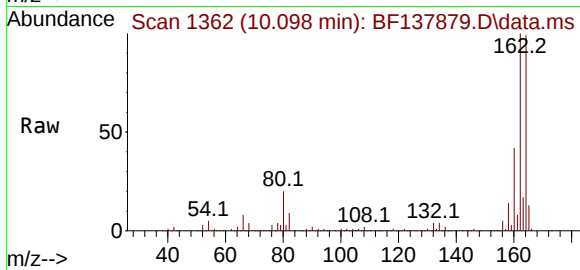
141 91.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

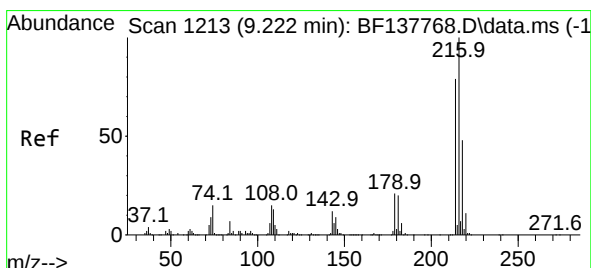
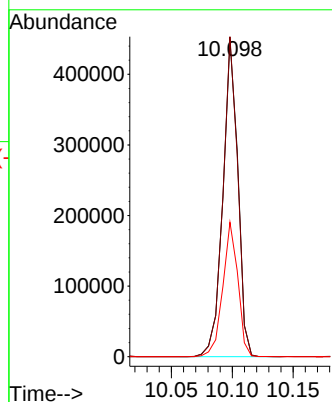
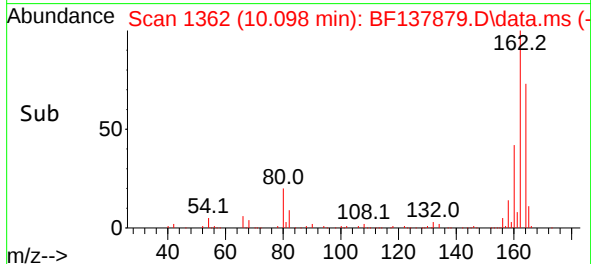
Instrument :
BNA_F
ClientSampleId :
PB160807BS



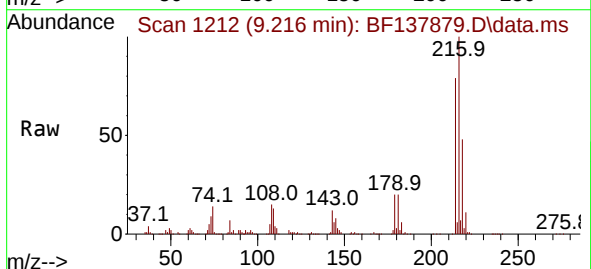
Tgt Ion:164 Resp: 385404
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.6
160 42.4 34.4 51.6

Manual Integrations
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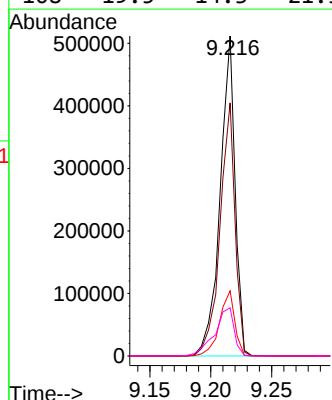
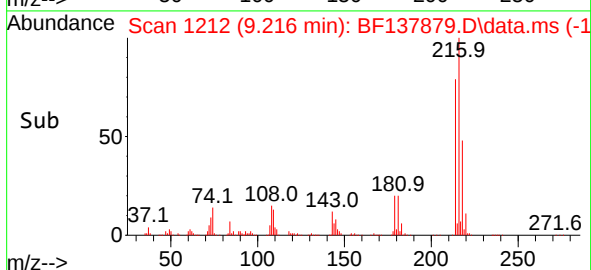
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

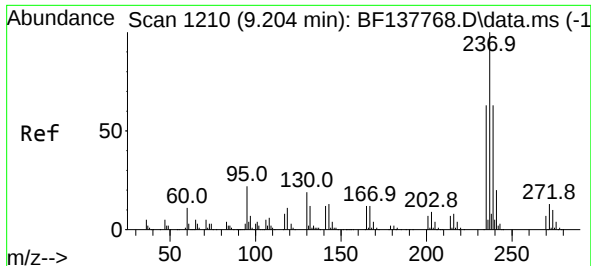


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.989 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



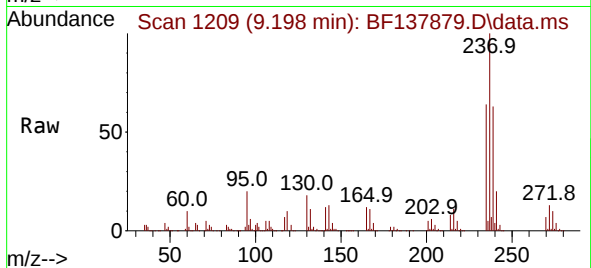
Tgt Ion:216 Resp: 438819
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 20.8 16.8 25.2
108 19.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 116.907 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

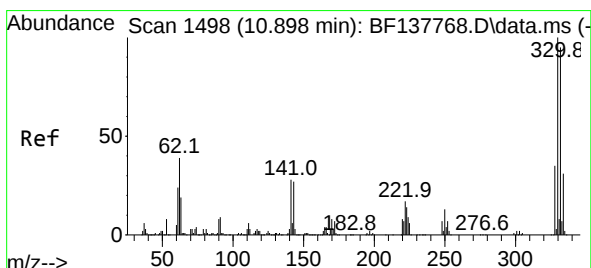
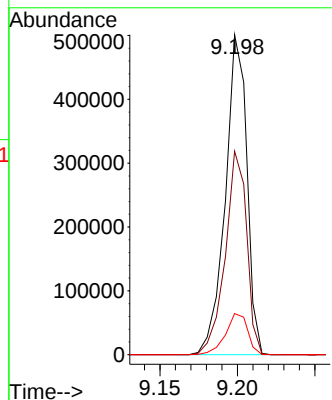
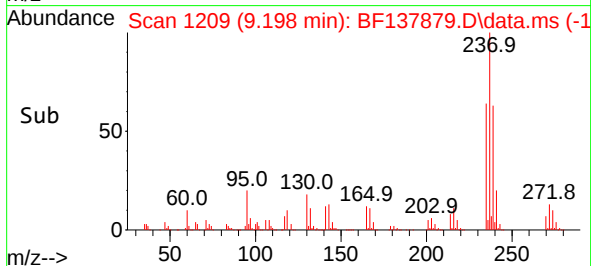
Instrument :
BNA_F
ClientSampleId :
PB160807BS



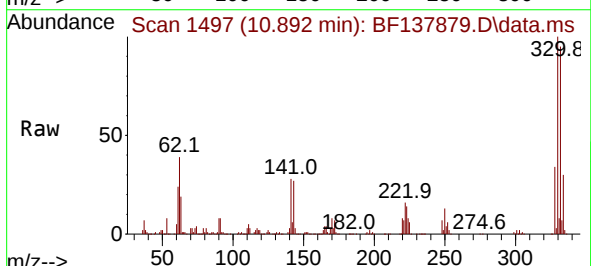
Tgt Ion:237 Resp: 48470
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 12.9 0.0 32.8

Manual Integrations
APPROVED

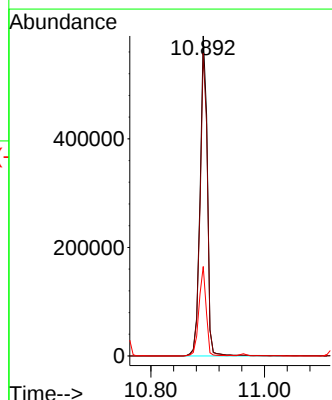
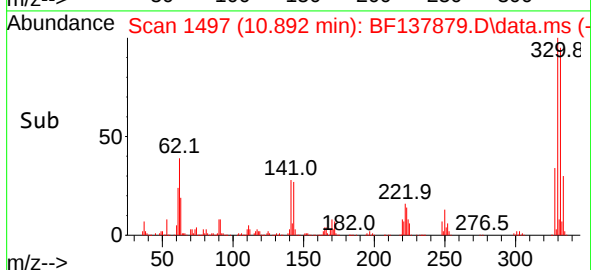
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

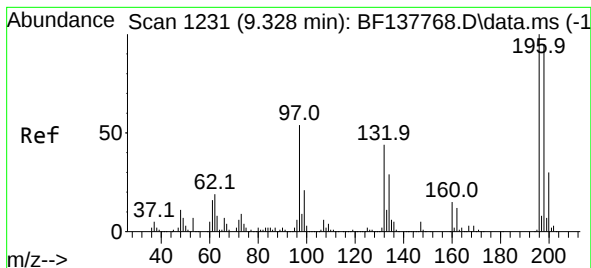


#42
2,4,6-Tribromophenol
Concen: 133.924 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:330 Resp: 527000
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 27.8 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 43.107 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

Tgt Ion:196 Resp: 29952

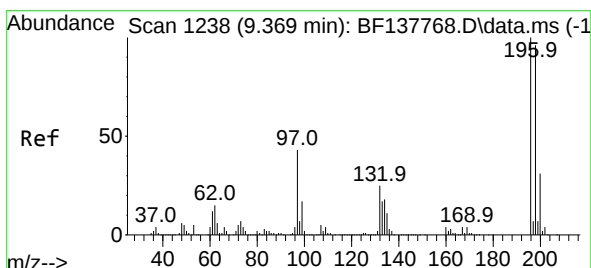
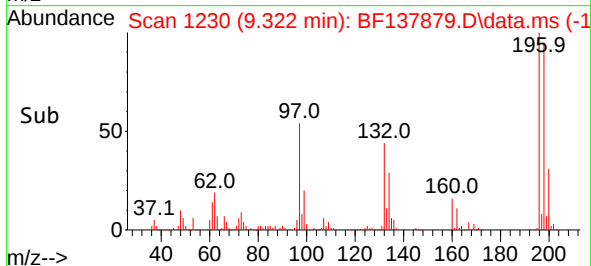
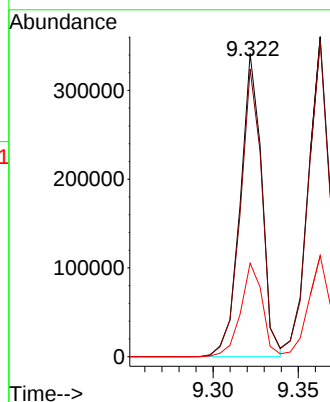
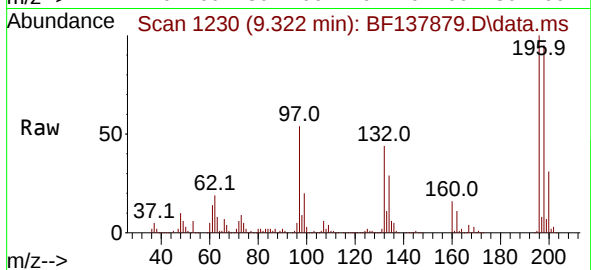
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.4
200	30.8	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#44

2,4,5-Trichlorophenol

Concen: 42.172 ng

RT: 9.363 min Scan# 1237

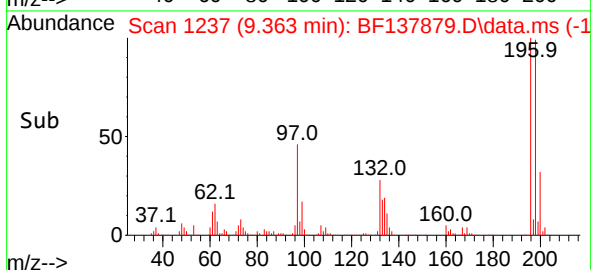
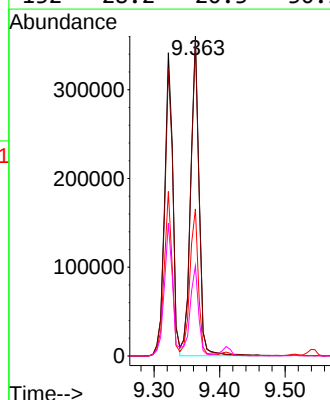
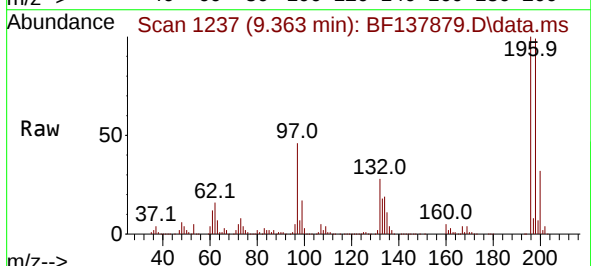
Delta R.T. -0.006 min

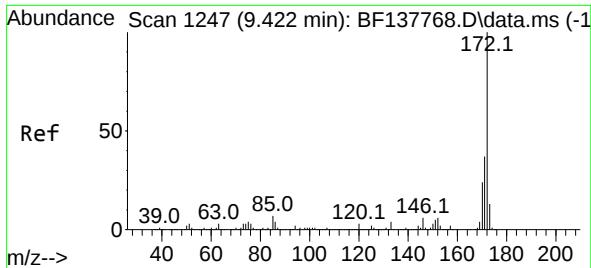
Lab File: BF137879.D

Acq: 10 May 2024 14:18

Tgt Ion:196 Resp: 323558

Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.6	114.8
97	45.9	34.5	51.7
132	28.2	20.3	30.5





#45
2-Fluorobiphenyl
Concen: 81.886 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

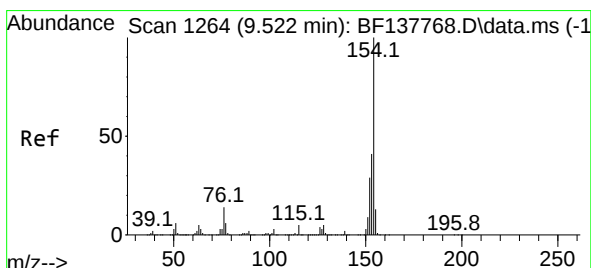
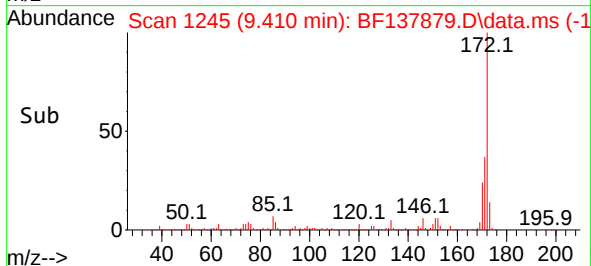
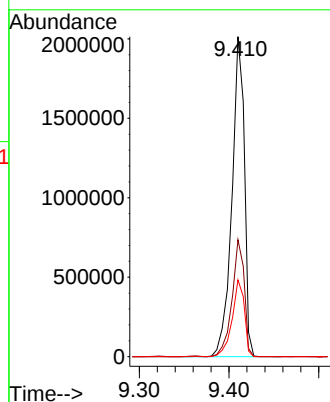
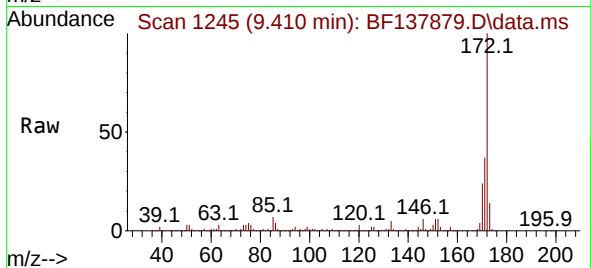
PB160807BS

Tgt Ion:172 Resp: 194526
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.4 29.2

Manual Integrations

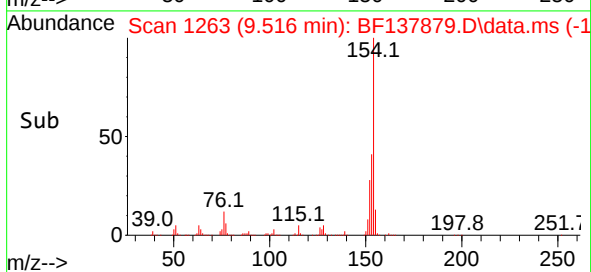
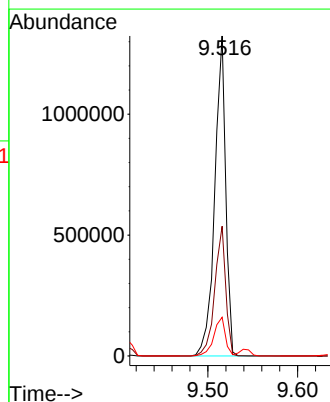
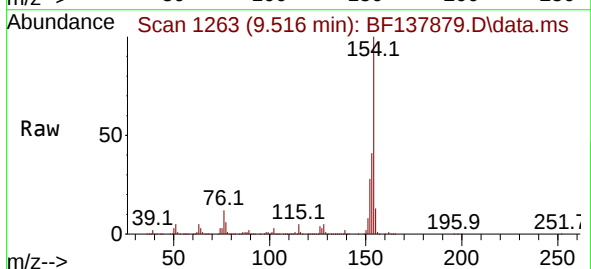
APPROVED

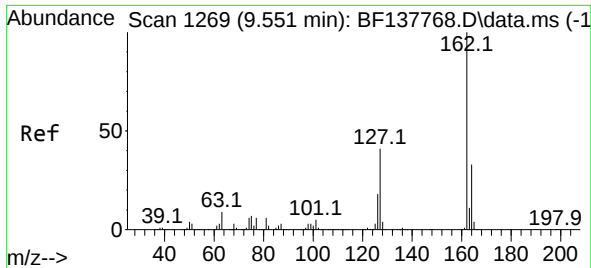
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#46
1,1'-Biphenyl
Concen: 42.484 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:154 Resp: 1123687
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 12.1 0.0 33.5





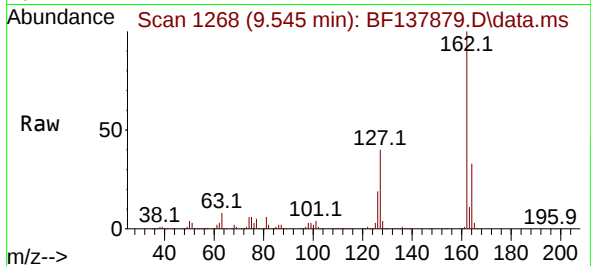
#47
2-Chloronaphthalene
Concen: 40.959 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



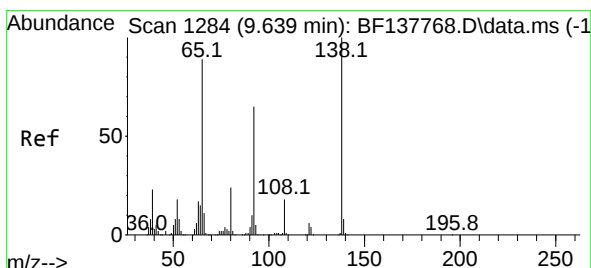
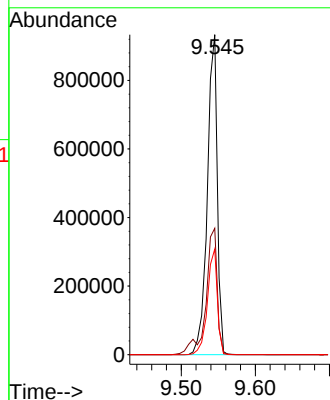
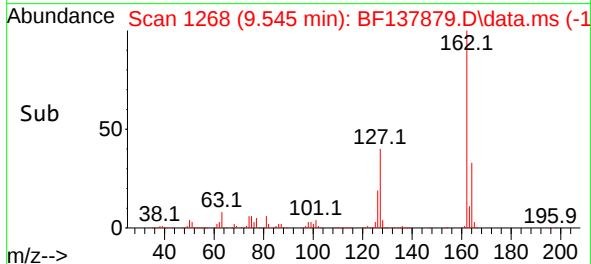
Tgt Ion:162 Resp: 874639
Ion Ratio Lower Upper
162 100
127 39.5 32.6 49.0
164 33.0 26.5 39.7

Manual Integrations

APPROVED

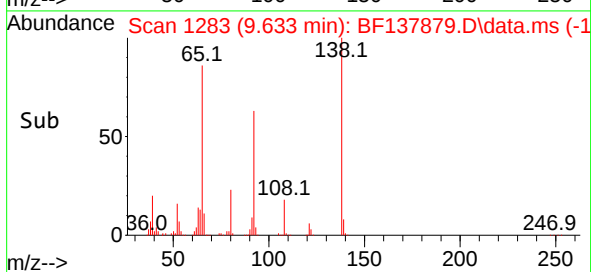
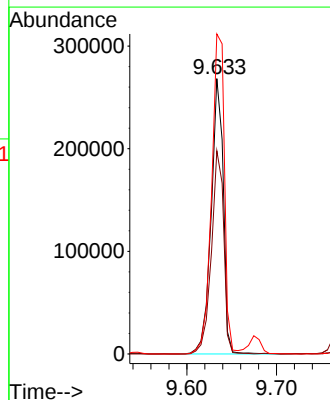
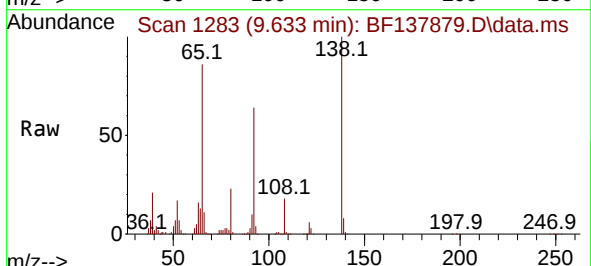
Reviewed By :Yogesh Patel 05/13/2024

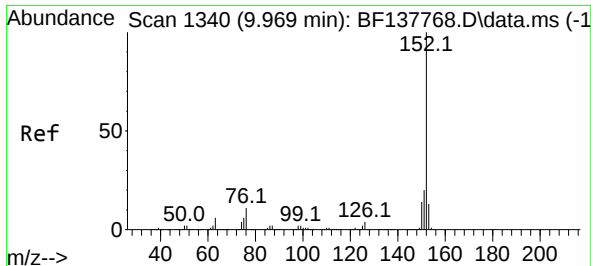
Supervised By :mohammad ahmed 05/13/2024



#48
2-Nitroaniline
Concen: 43.513 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion: 65 Resp: 252000
Ion Ratio Lower Upper
65 100
92 73.8 58.6 88.0
138 116.2 90.3 135.5





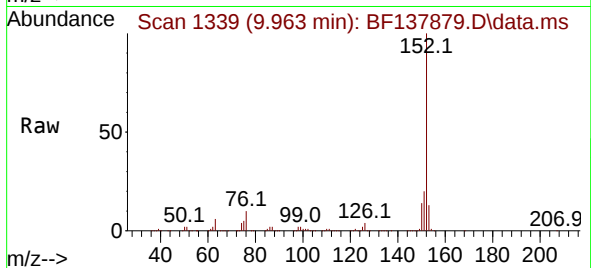
#49
Acenaphthylene
Concen: 45.153 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



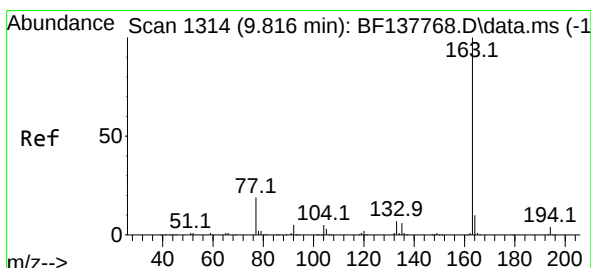
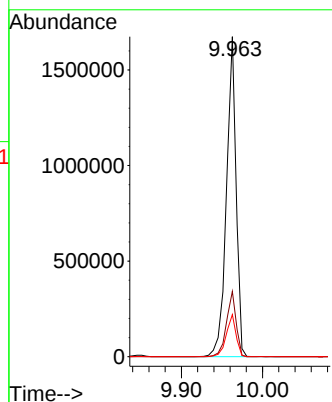
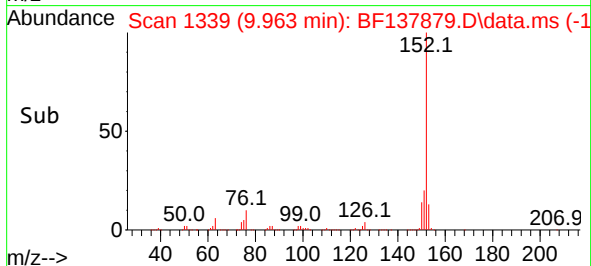
Tgt Ion:152 Resp: 1394779
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.8 16.2

Manual Integrations

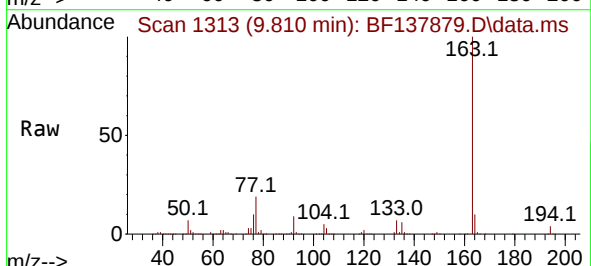
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

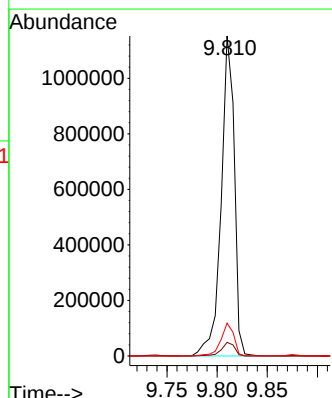
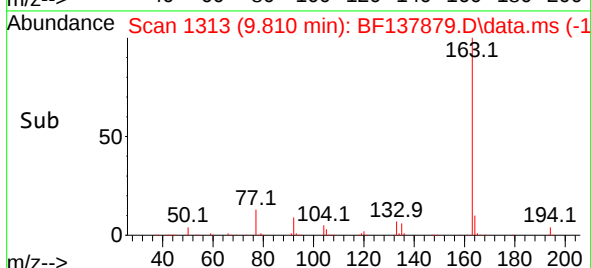
Supervised By :mohammad ahmed 05/13/2024

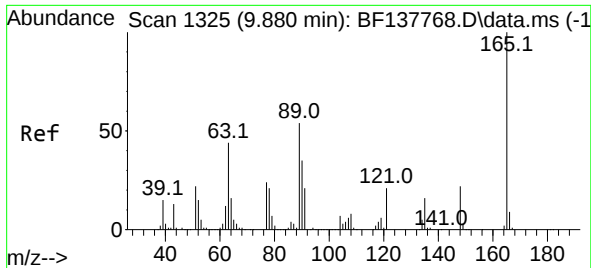


#50
Dimethylphthalate
Concen: 43.218 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:163 Resp: 1051508
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.421 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

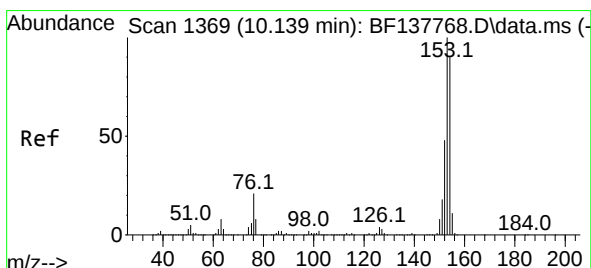
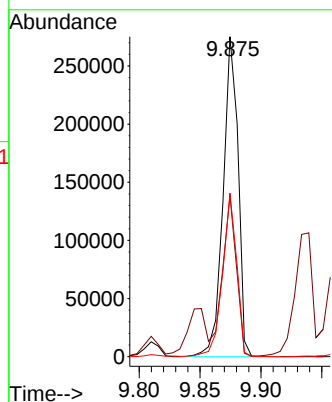
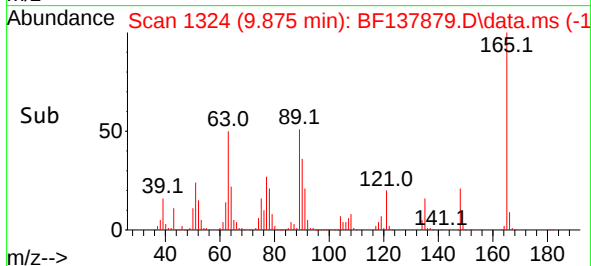
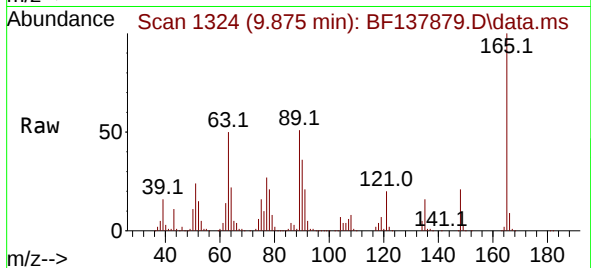
PB160807BS

Tgt Ion:165 Resp: 23586
Ion Ratio Lower Upper
165 100
63 50.3 41.9 62.9
89 51.1 43.2 64.8

Manual Integrations

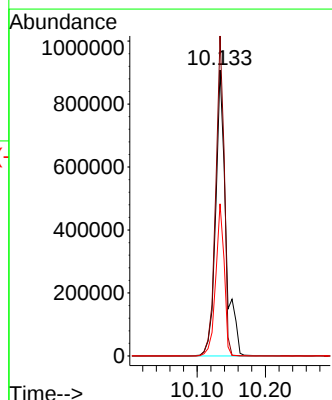
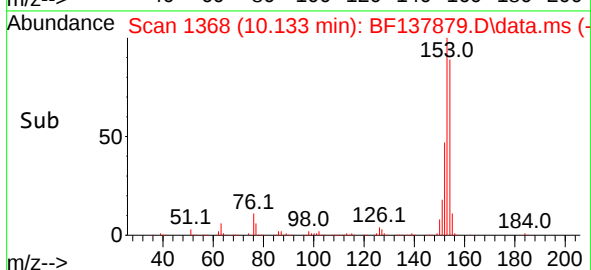
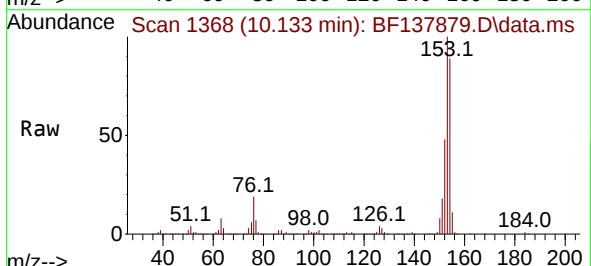
APPROVED

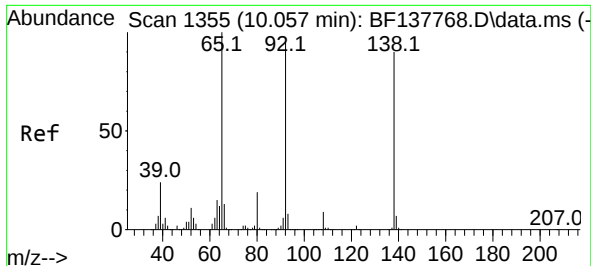
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#52
Acenaphthene
Concen: 46.141 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:154 Resp: 944759
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 53.2 42.8 64.2





#53
3-Nitroaniline
Concen: 27.929 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

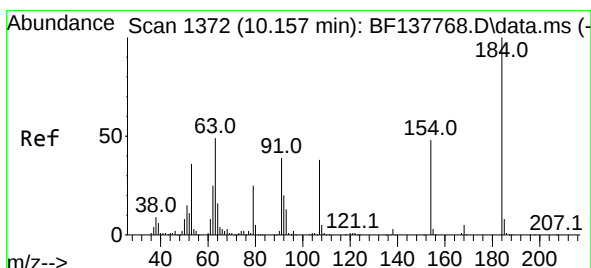
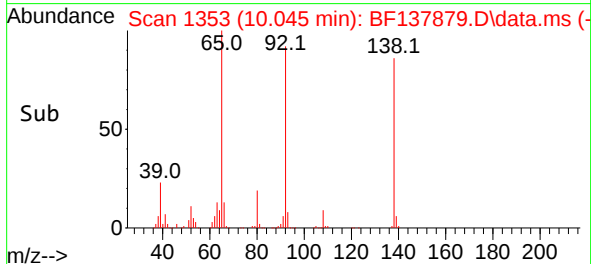
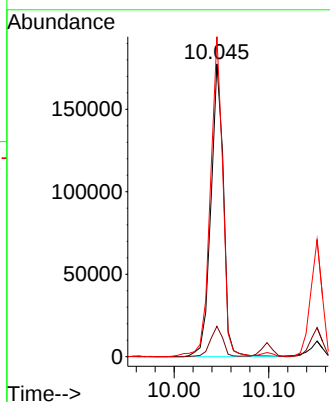
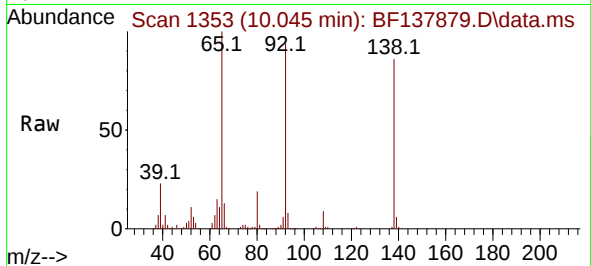
ClientSampleId :

PB160807BS

Tgt Ion:138 Resp: 16262
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 109.3 84.6 126.8

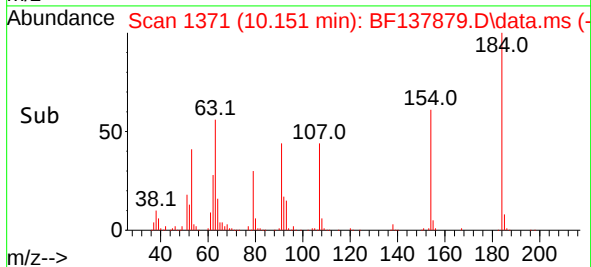
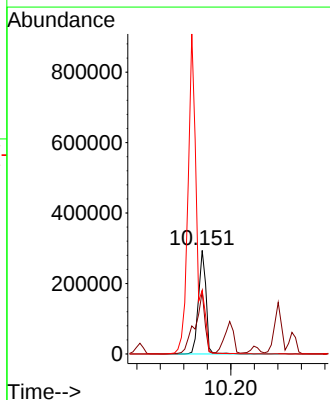
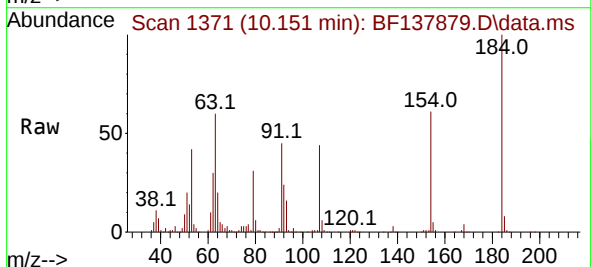
Manual Integrations
APPROVED

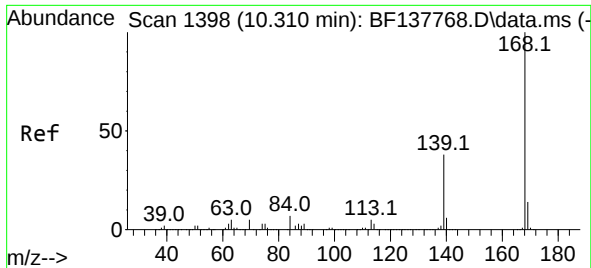
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#54
2,4-Dinitrophenol
Concen: 96.168 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

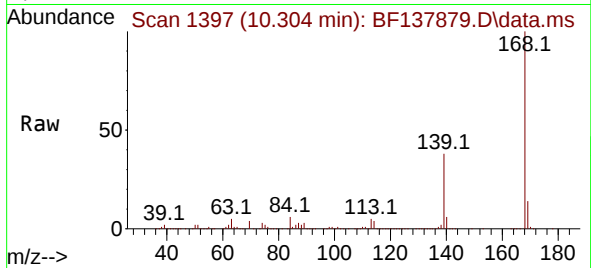
Tgt Ion:184 Resp: 262736
Ion Ratio Lower Upper
184 100
63 60.3 40.3 60.5
154 61.3 45.2 67.8





#55
Dibenzenofuran
Concen: 43.067 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

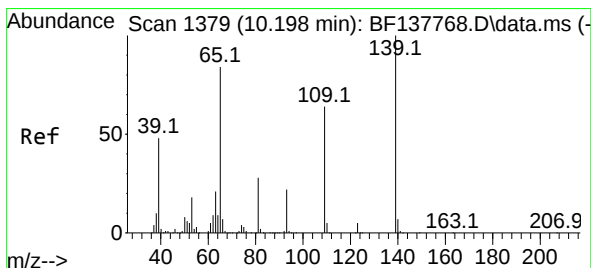
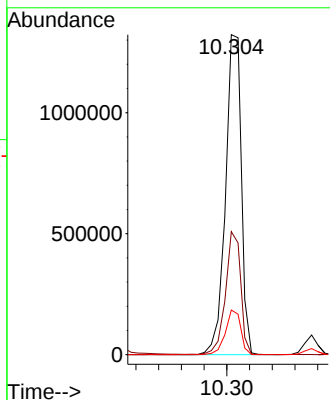
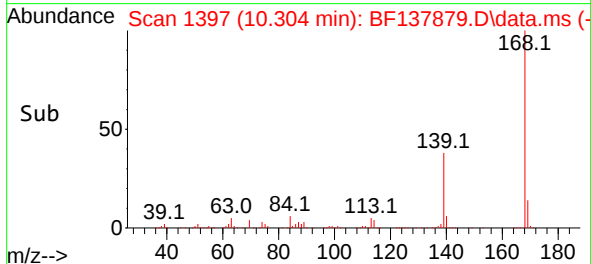
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:168 Resp: 1283230
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.4
169 13.9 11.4 17.0

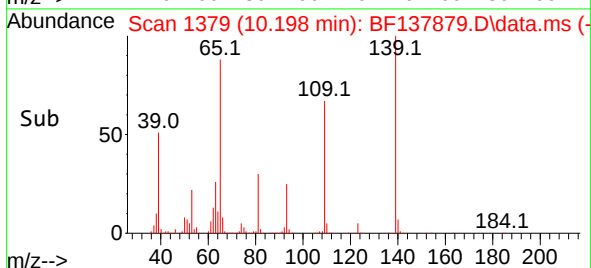
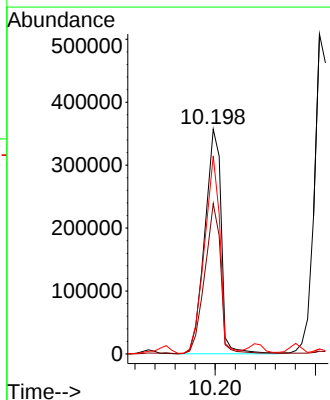
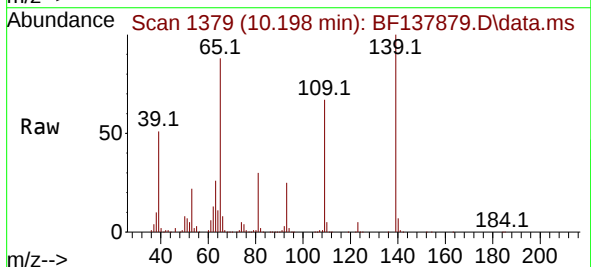
Manual Integrations
APPROVED

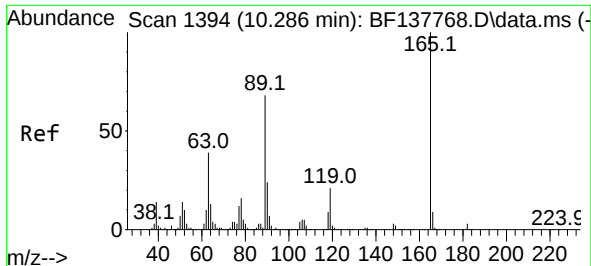
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 84.558 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:139 Resp: 408065
Ion Ratio Lower Upper
139 100
109 66.9 44.0 84.0
65 88.1 64.3 104.3





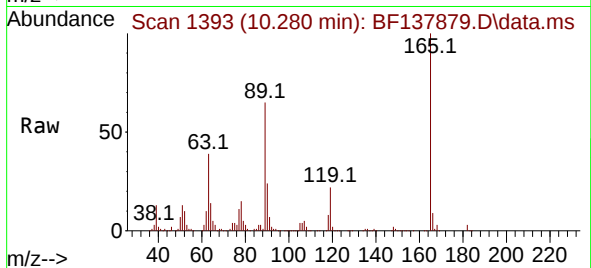
#57
2,4-Dinitrotoluene
Concen: 45.701 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

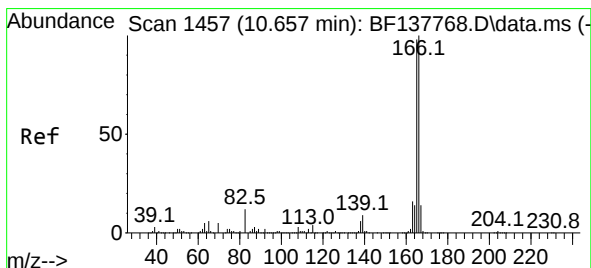
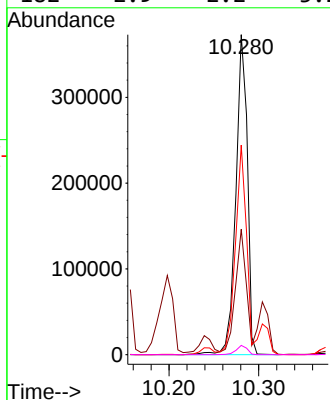
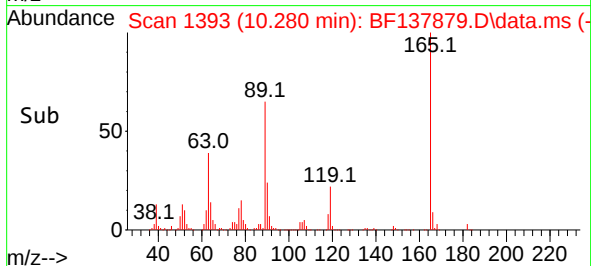


Tgt Ion:165 Resp: 331970
Ion Ratio Lower Upper
165 100
63 39.2 31.3 46.9
89 65.5 54.2 81.4
182 2.9 2.2 3.2

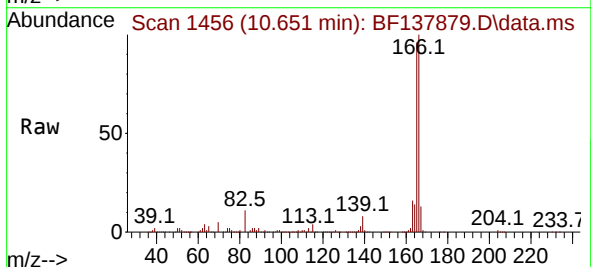
Manual Integrations

APPROVED

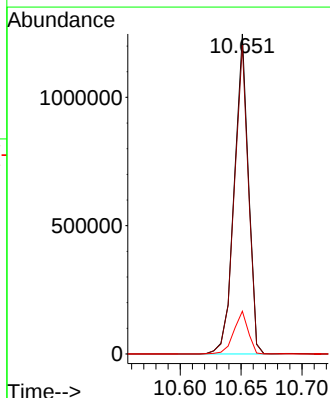
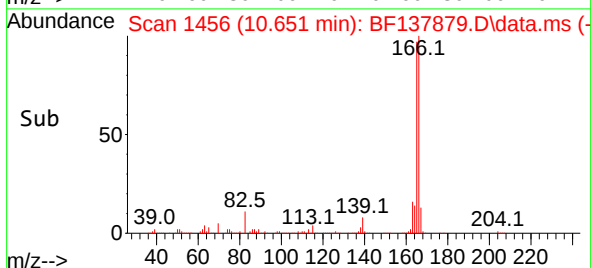
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

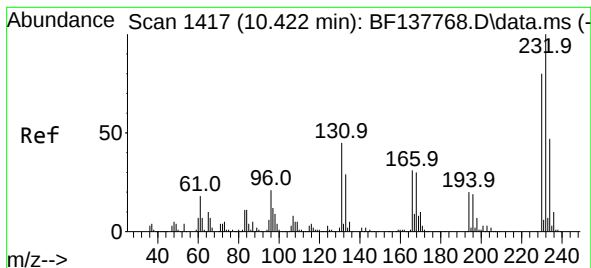


#58
Fluorene
Concen: 42.436 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



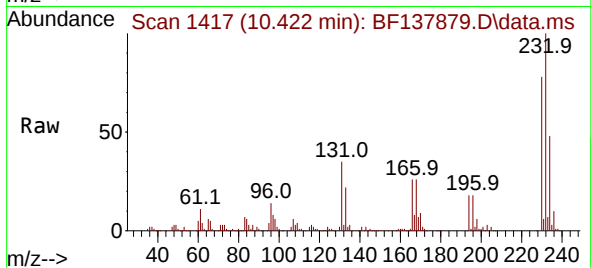
Tgt Ion:166 Resp: 1006319
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.2
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.154 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

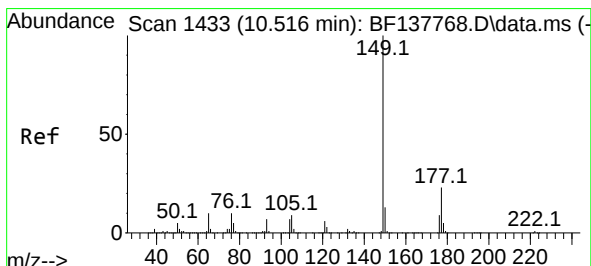
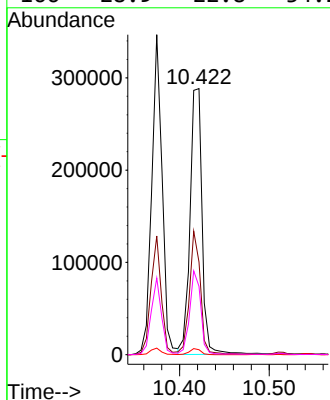
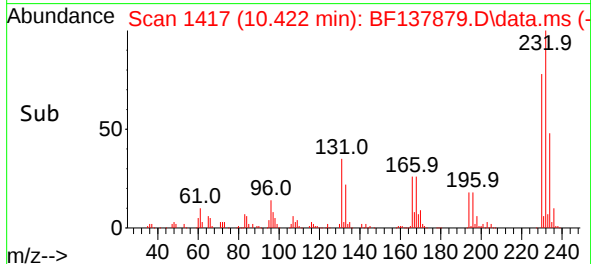
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:232 Resp: 268801
Ion Ratio Lower Upper
232 100
131 42.1 33.4 50.0
130 2.1 1.7 2.5
166 28.9 22.8 34.2

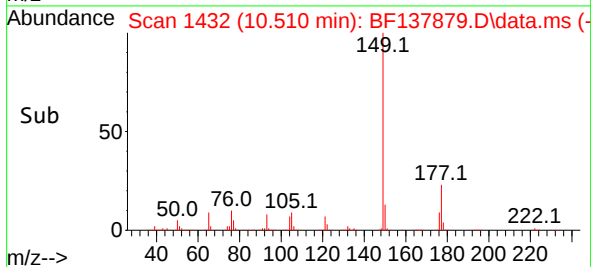
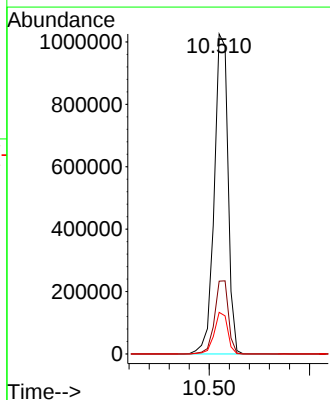
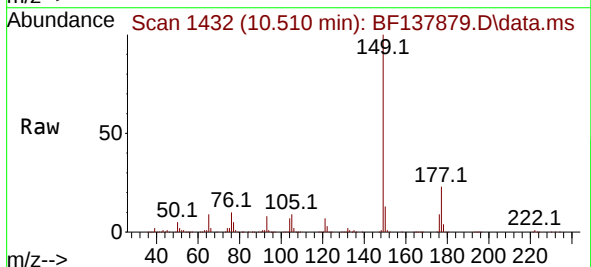
Manual Integrations
APPROVED

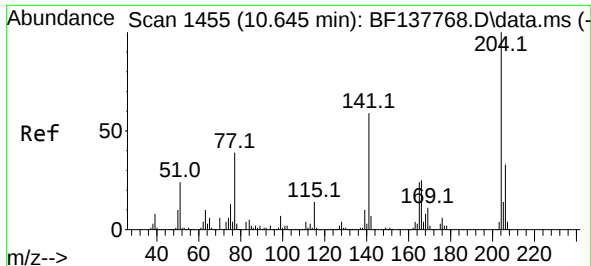
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 42.186 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

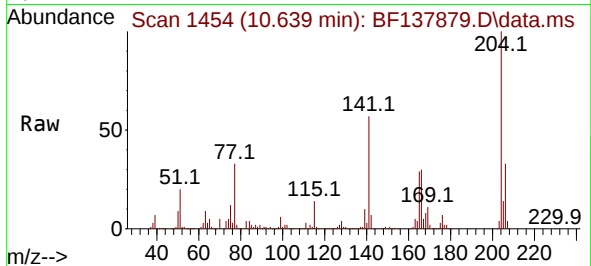
Tgt Ion:149 Resp: 974815
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 13.0 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.028 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

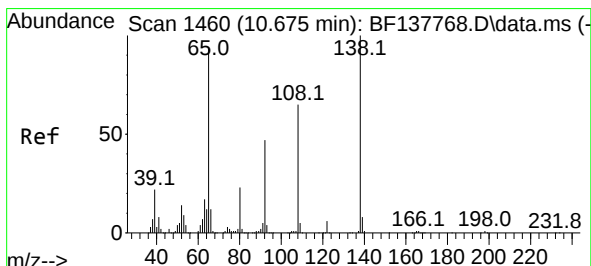
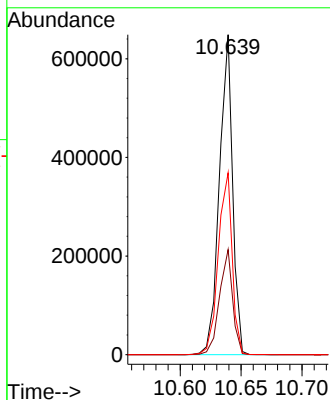
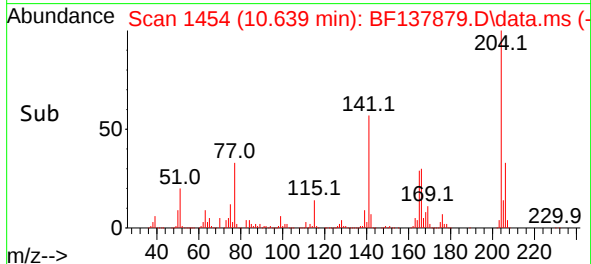
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:204 Resp: 491069
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 56.8 47.0 70.6

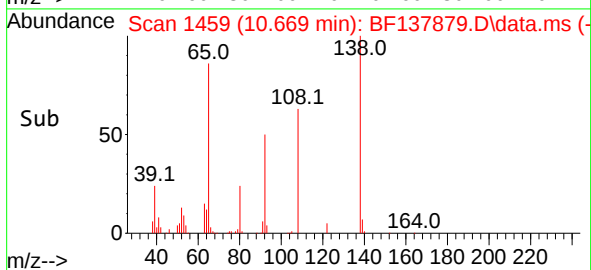
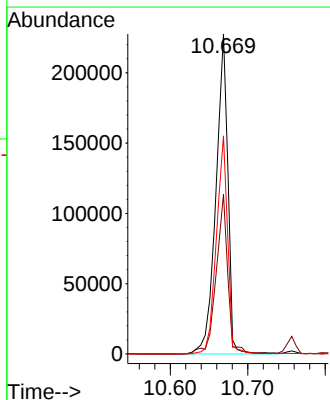
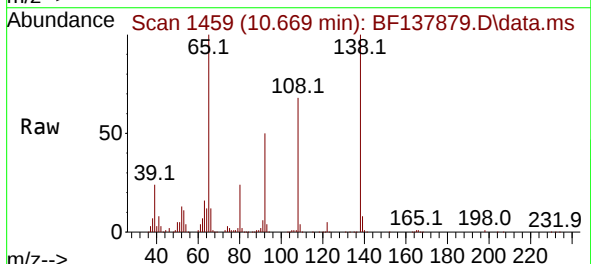
Manual Integrations
APPROVED

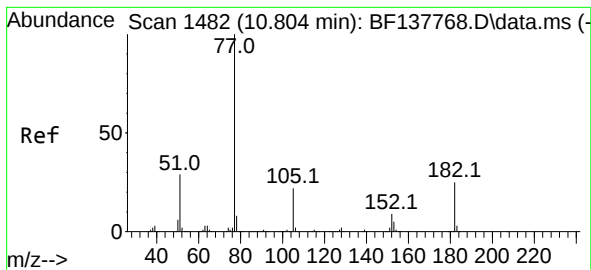
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#62
4-Nitroaniline
Concen: 41.413 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:138 Resp: 244583
Ion Ratio Lower Upper
138 100
92 49.9 26.8 66.8
108 68.2 44.7 84.7





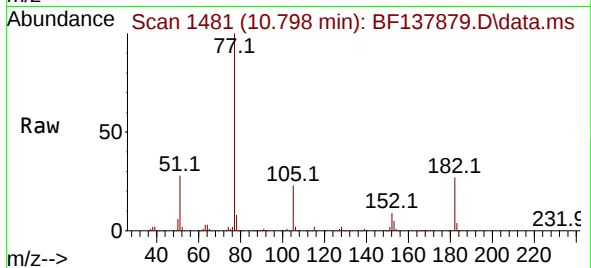
#63
Azobenzene
Concen: 40.548 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



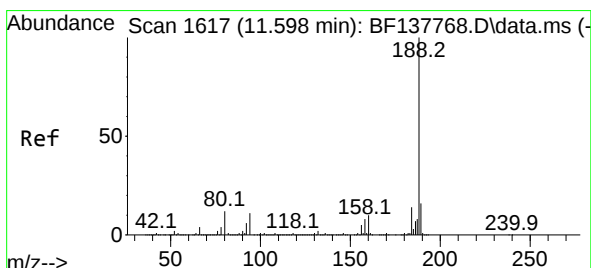
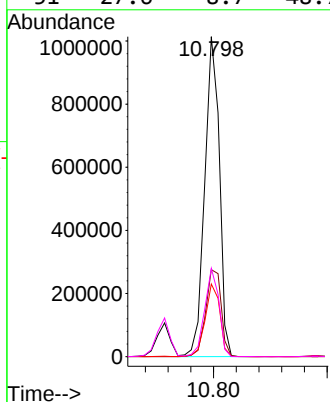
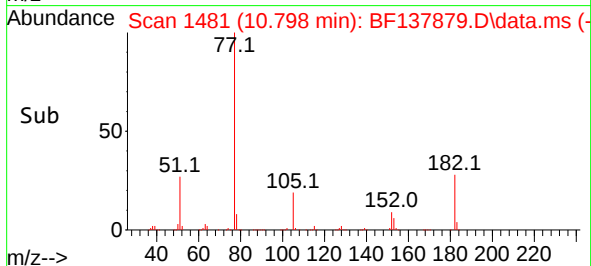
Tgt Ion: 77 Resp: 905580
Ion Ratio Lower Upper
77 100
182 27.2 5.1 45.1
105 22.7 2.2 42.2
51 27.6 8.7 48.7

Manual Integrations

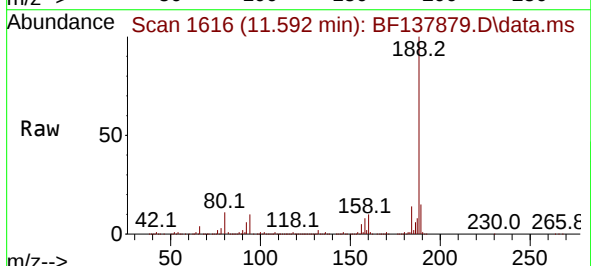
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

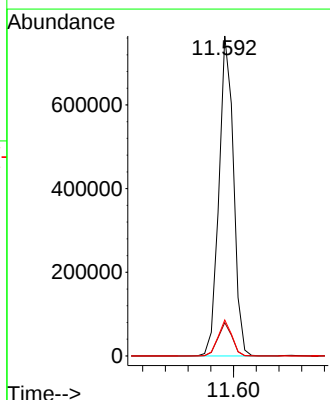
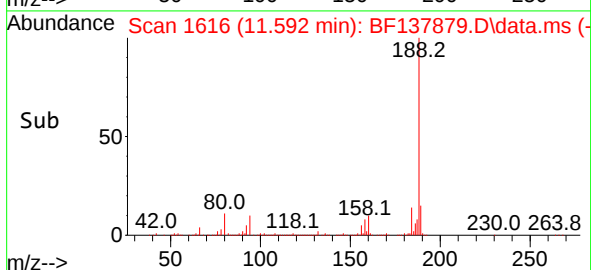
Supervised By :mohammad ahmed 05/13/2024

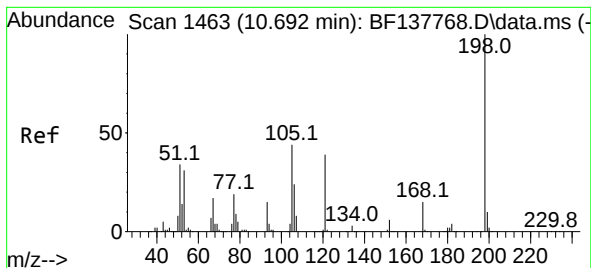


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



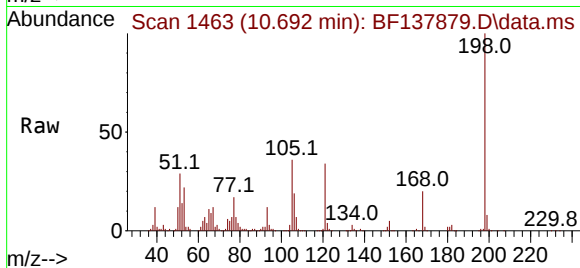
Tgt Ion:188 Resp: 682186
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 11.2 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.886 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

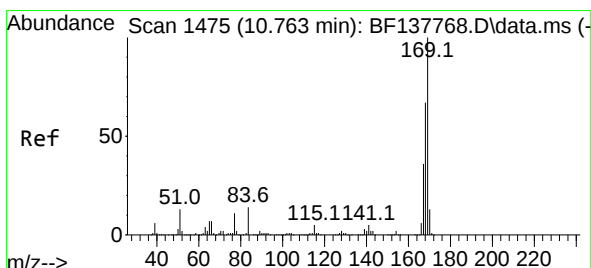
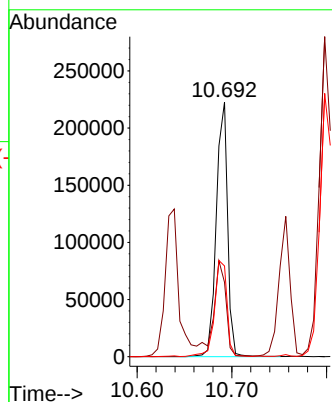
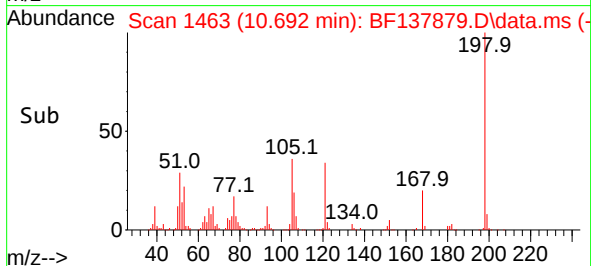
Instrument :
BNA_F
ClientSampleId :
PB160807BS



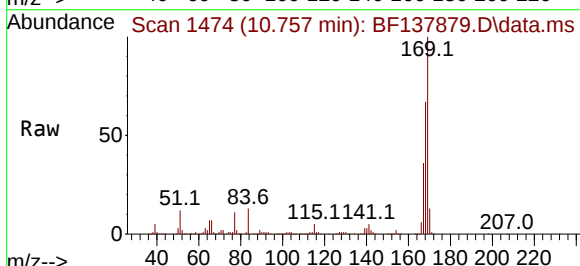
Tgt Ion:198 Resp: 18358
Ion Ratio Lower Upper
198 100
51 29.2 25.1 65.1
105 35.7 24.1 64.1

Manual Integrations
APPROVED

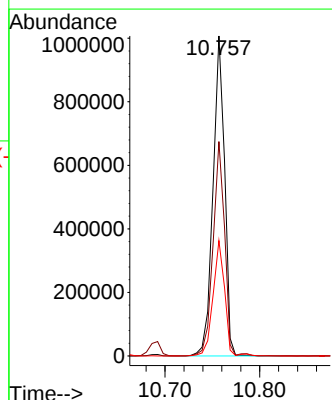
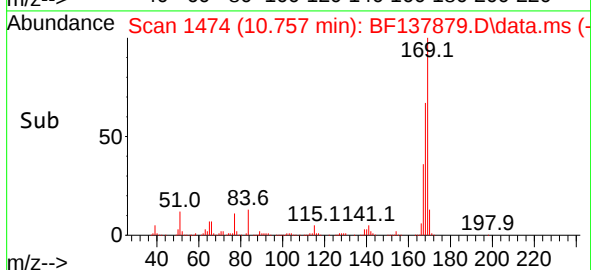
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

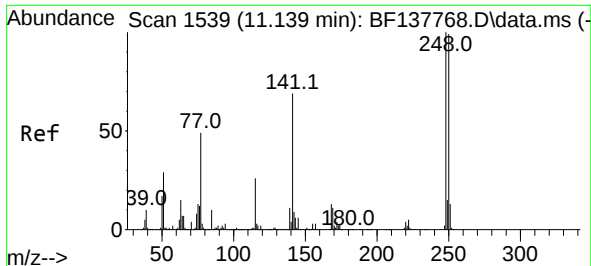


#66
n-Nitrosodiphenylamine
Concen: 41.771 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:169 Resp: 852977
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.711 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

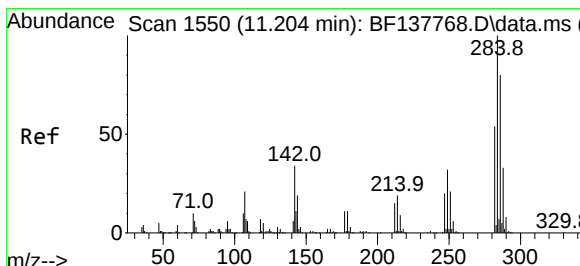
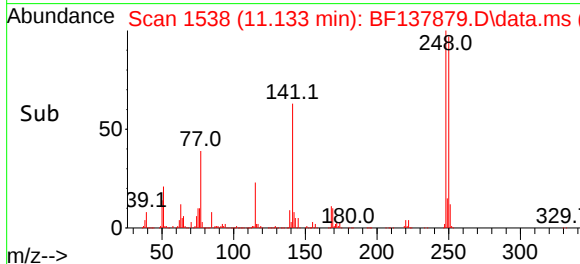
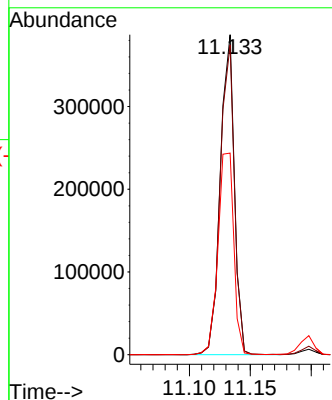
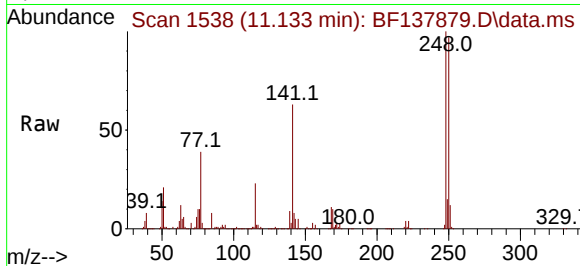
ClientSampleId :

PB160807BS

Tgt Ion:248 Resp: 311820
Ion Ratio Lower Upper
248 100
250 96.9 79.1 118.7
141 63.0 55.4 83.2

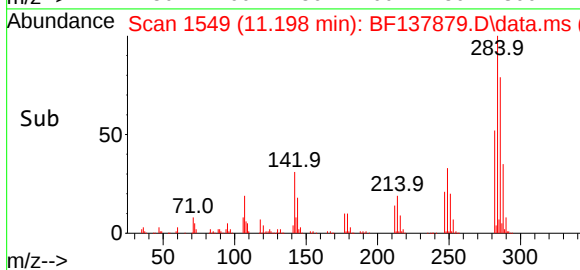
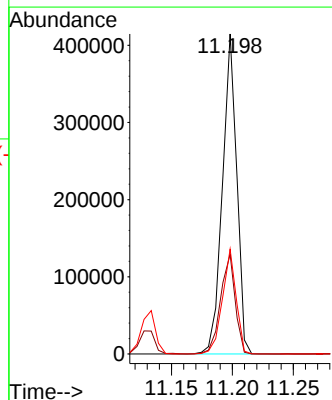
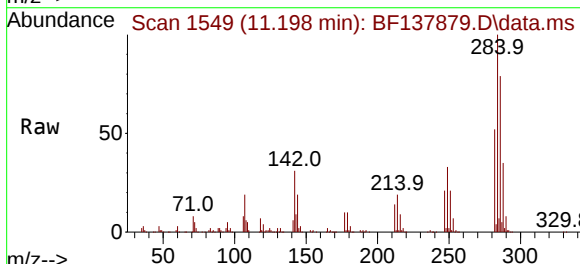
Manual Integrations
APPROVED

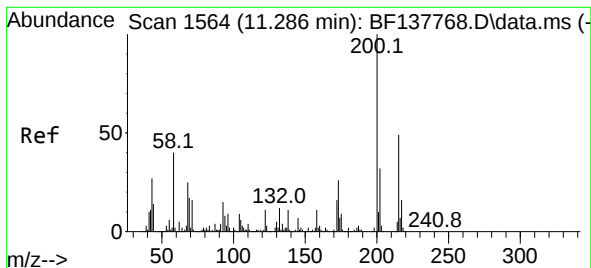
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#68
Hexachlorobenzene
Concen: 42.540 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:284 Resp: 339405
Ion Ratio Lower Upper
284 100
142 31.1 27.3 40.9
249 32.7 25.6 38.4





#69

Atrazine

Concen: 48.227 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF137879.D

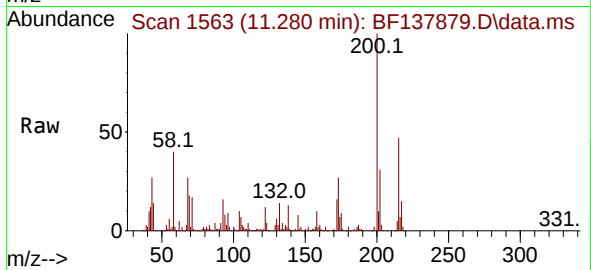
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



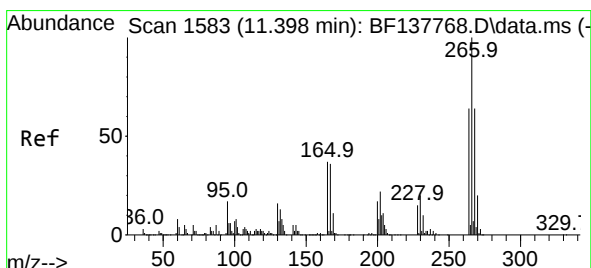
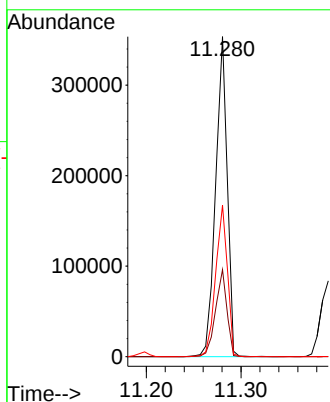
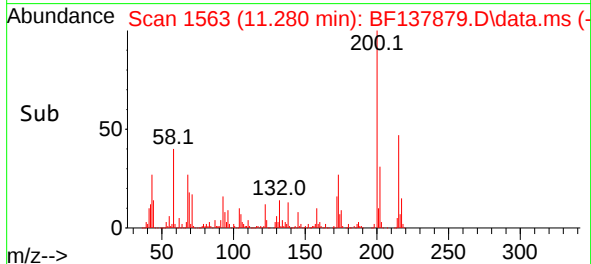
Tgt Ion:	200	Resp:	300284
Ion Ratio	Lower	Upper	
200	100		
173	27.2	5.9	45.9
215	47.3	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 78.700 ng

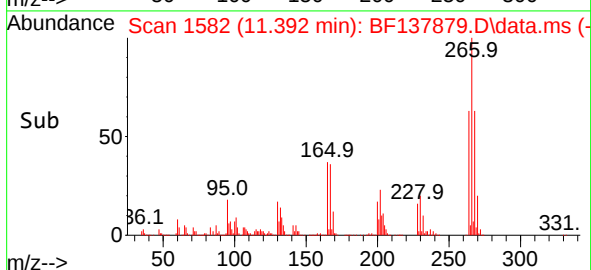
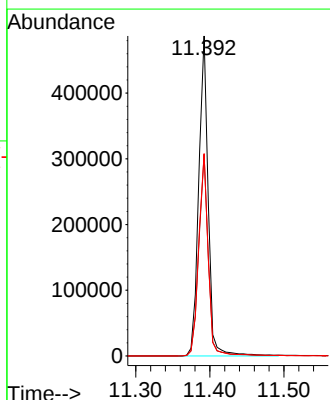
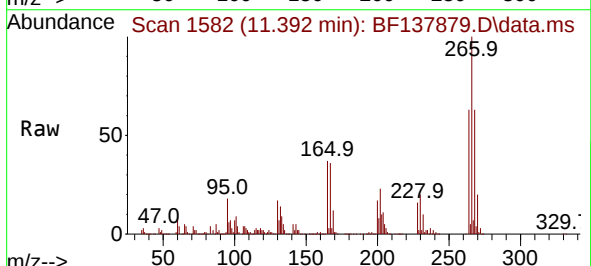
RT: 11.392 min Scan# 1582

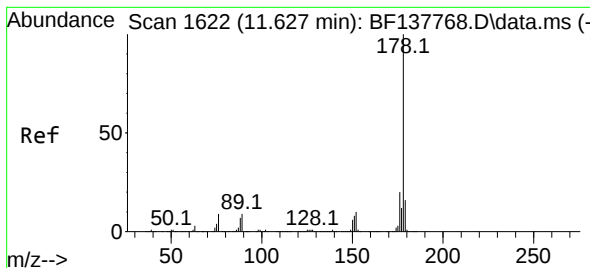
Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

Tgt Ion:	266	Resp:	431083
Ion Ratio	Lower	Upper	
266	100		
268	63.0	51.3	76.9
264	63.3	51.0	76.4





#71
Phenanthrene
Concen: 43.545 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

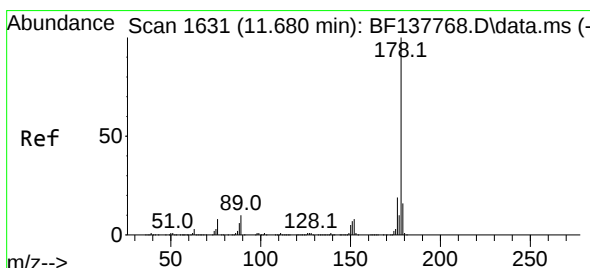
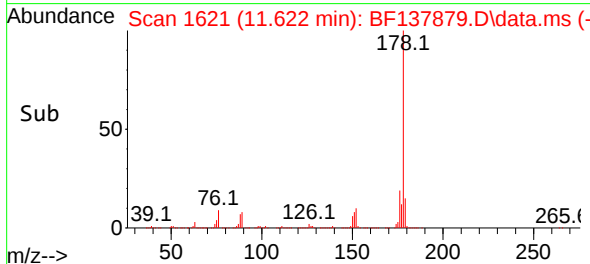
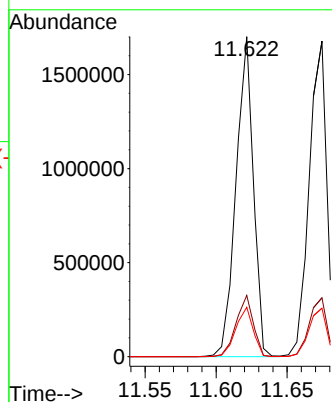
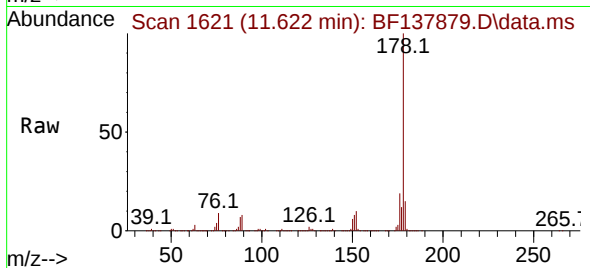
PB160807BS

Tgt Ion:178 Resp: 1447923
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.4 12.5 18.7

Manual Integrations

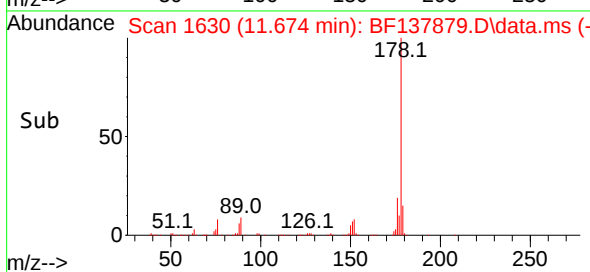
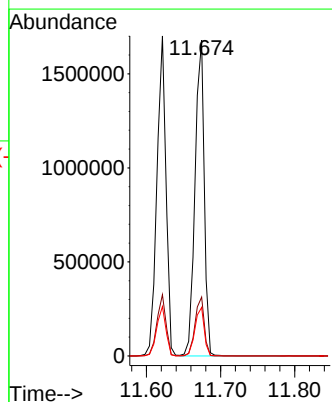
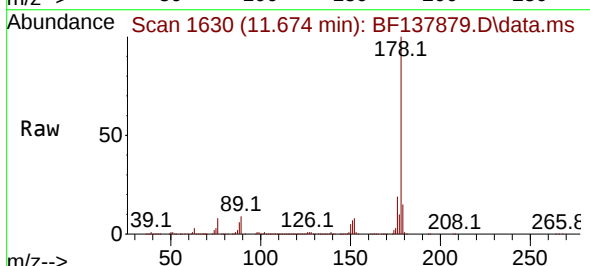
APPROVED

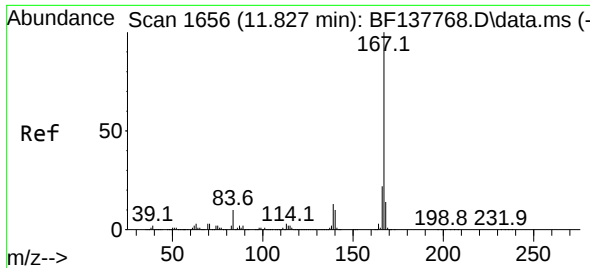
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 43.906 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:178 Resp: 1452598
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.4 12.6 18.8





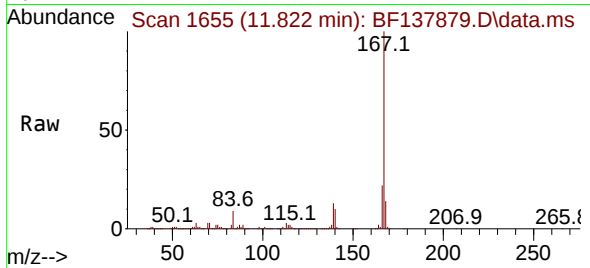
#73
 Carbazole
 Concen: 42.208 ng
 RT: 11.822 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF137879.D
 Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



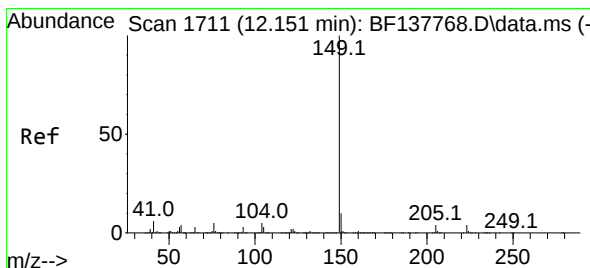
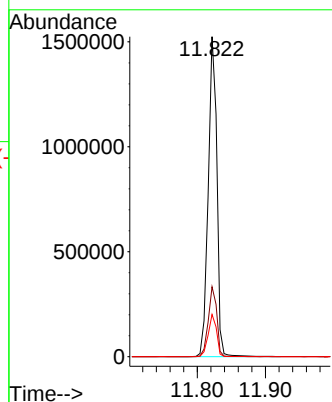
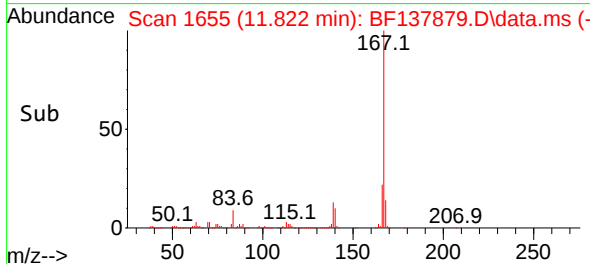
Tgt Ion:167 Resp: 1345798
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.5 15.7

Manual Integrations

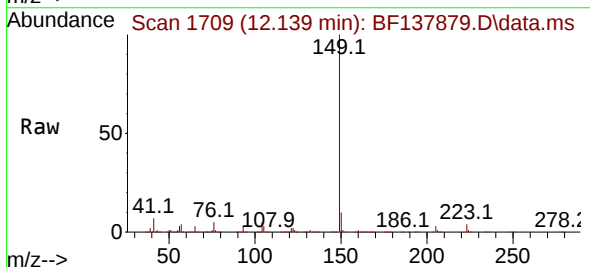
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

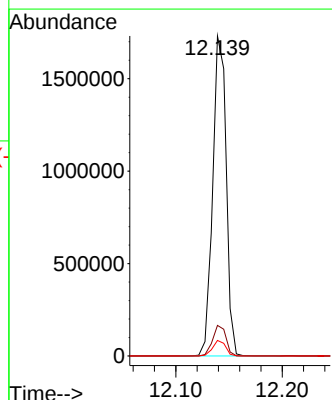
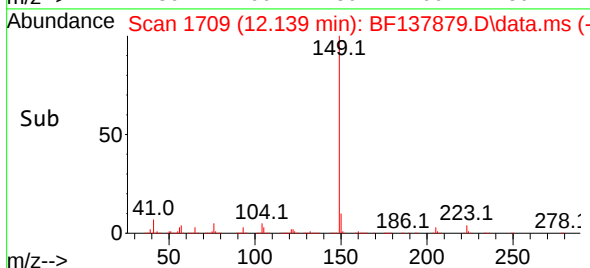
Supervised By :mohammad ahmed 05/13/2024

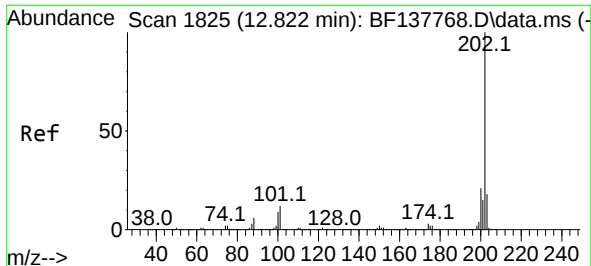


#74
 Di-n-butylphthalate
 Concen: 43.754 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137879.D
 Acq: 10 May 2024 14:18



Tgt Ion:149 Resp: 1521839
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 3.8 5.8





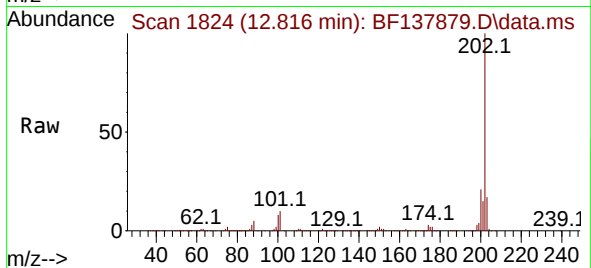
#75
Fluoranthene
Concen: 41.864 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



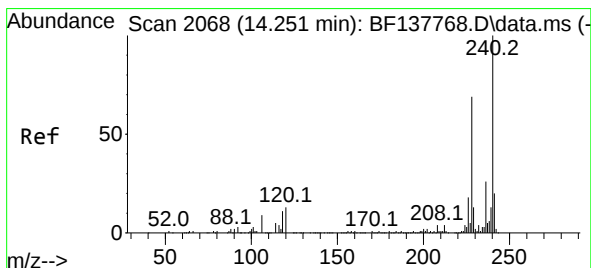
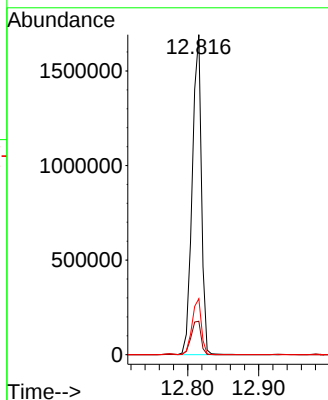
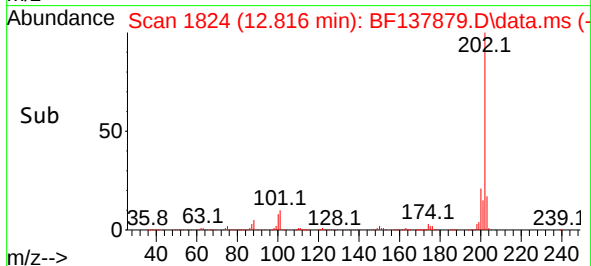
Tgt Ion:202 Resp: 1521620
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.8
203 17.5 0.0 37.8

Manual Integrations

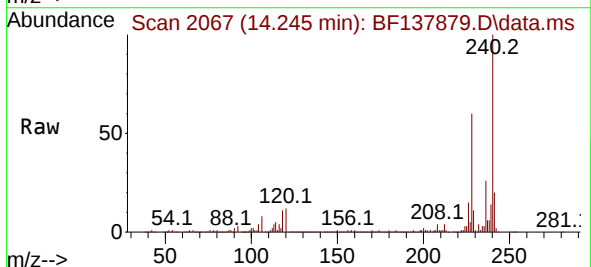
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

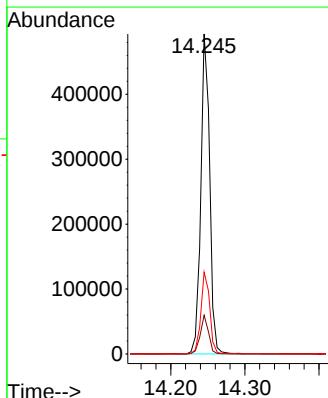
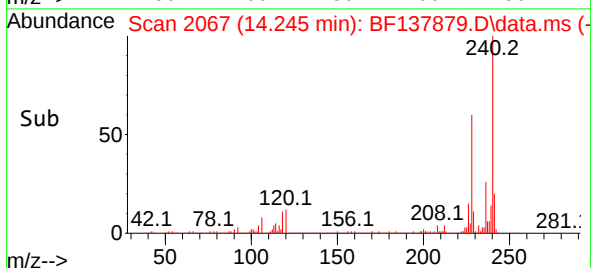
Supervised By :mohammad ahmed 05/13/2024

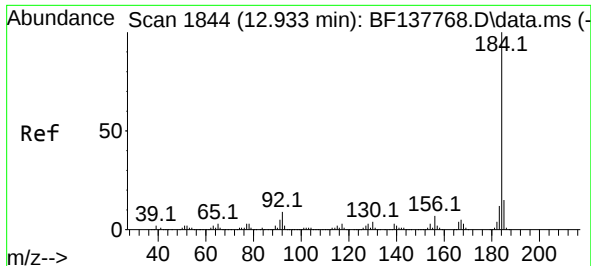


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:240 Resp: 408092
Ion Ratio Lower Upper
240 100
120 12.1 10.4 15.6
236 25.6 20.4 30.6





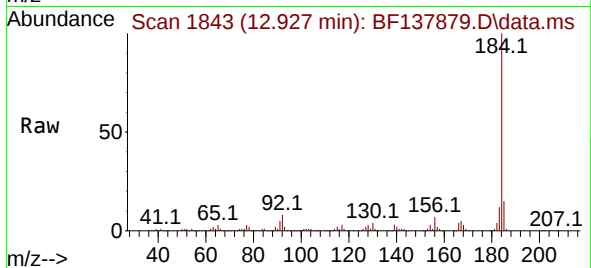
#77
Benzidine
Concen: 35.151 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



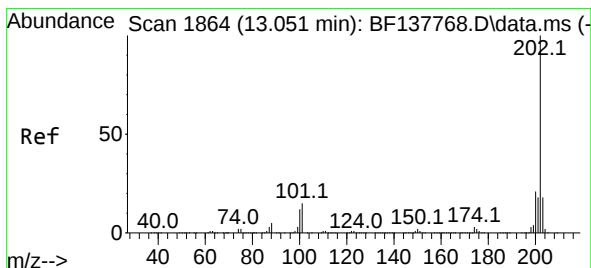
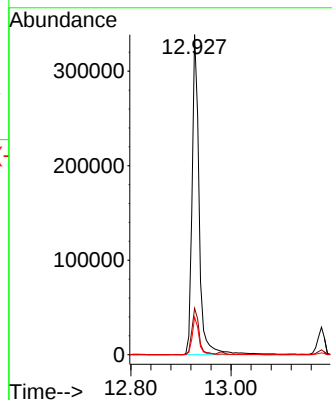
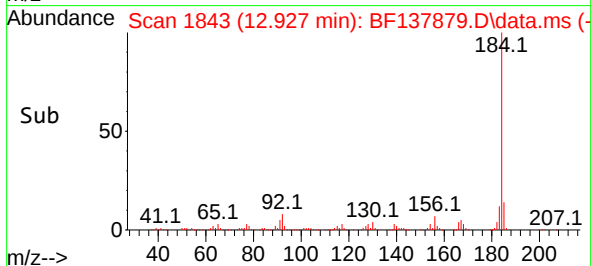
Tgt Ion:184 Resp: 331760
Ion Ratio Lower Upper
184 100
185 14.5 12.3 18.5
183 11.7 9.2 13.8

Manual Integrations

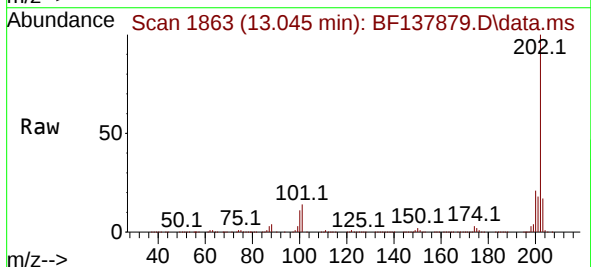
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

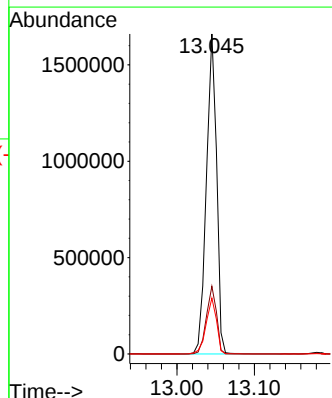
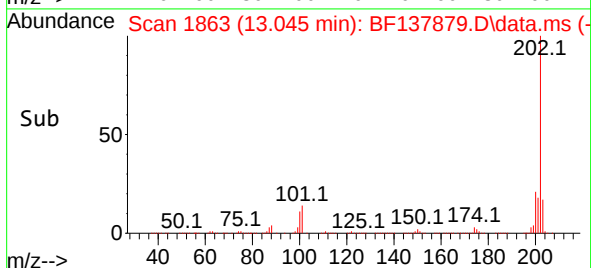
Supervised By :mohammad ahmed 05/13/2024

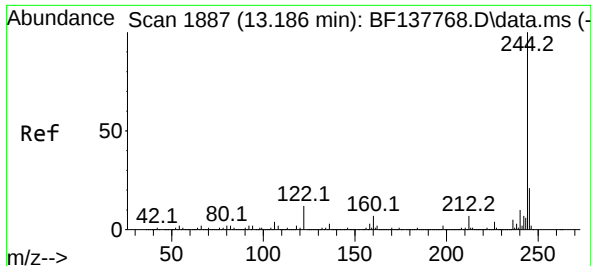


#78
Pyrene
Concen: 46.880 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18



Tgt Ion:202 Resp: 1516883
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.4 21.6





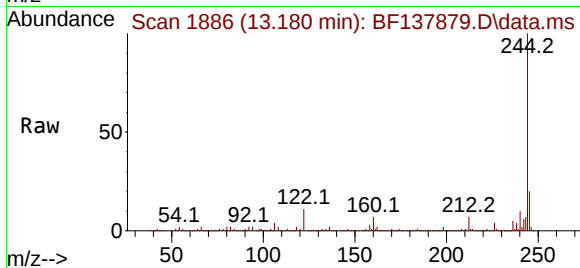
#79
Terphenyl-d14
Concen: 93.758 ng
RT: 13.180 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



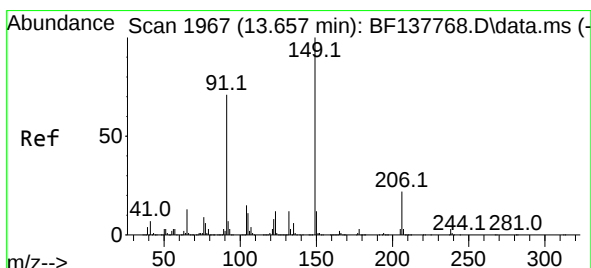
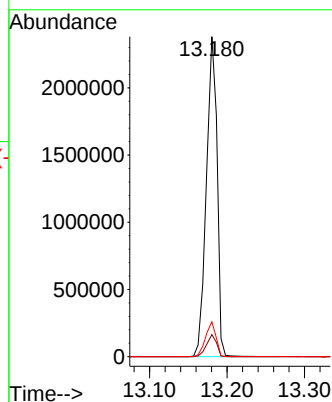
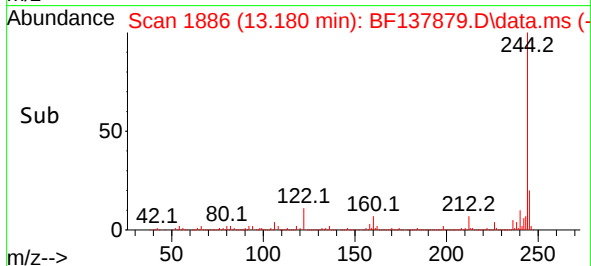
Tgt Ion:244 Resp: 2283125
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.9 9.4 14.2

Manual Integrations

APPROVED

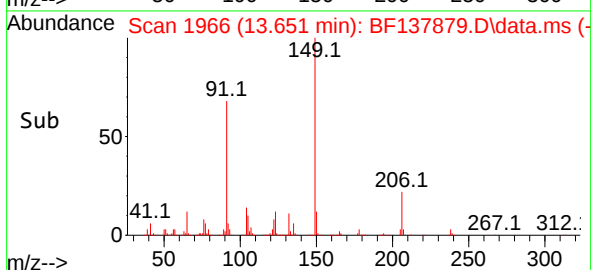
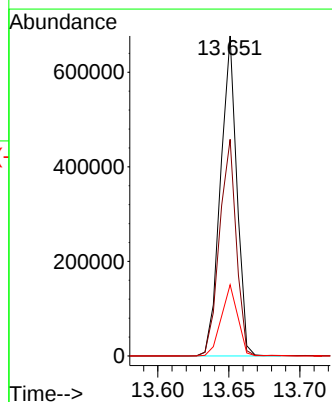
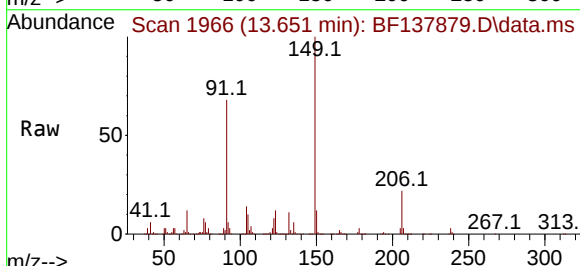
Reviewed By :Yogesh Patel 05/13/2024

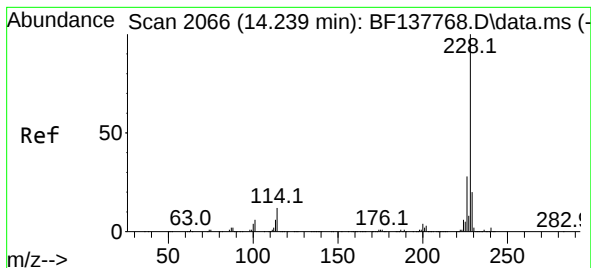
Supervised By :mohammad ahmed 05/13/2024



#80
Butylbenzylphthalate
Concen: 52.657 ng
RT: 13.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:149 Resp: 540586
Ion Ratio Lower Upper
149 100
91 67.7 56.8 85.2
206 22.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 44.079 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137879.D

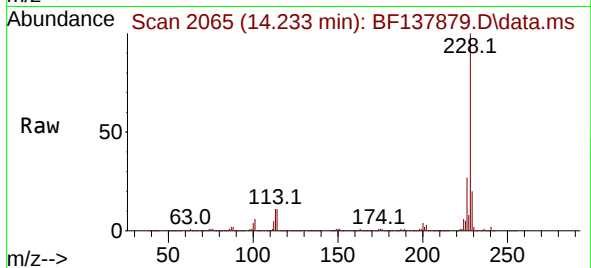
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS



Tgt Ion:228 Resp: 1150510

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

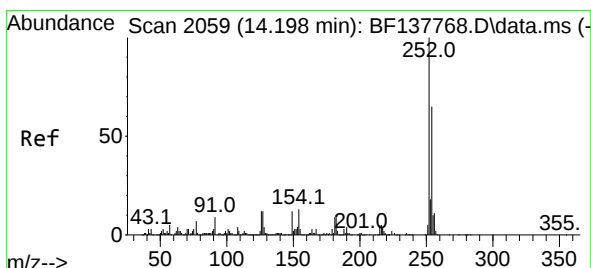
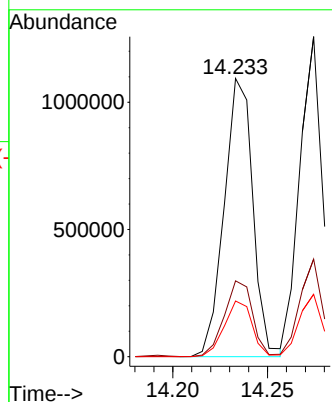
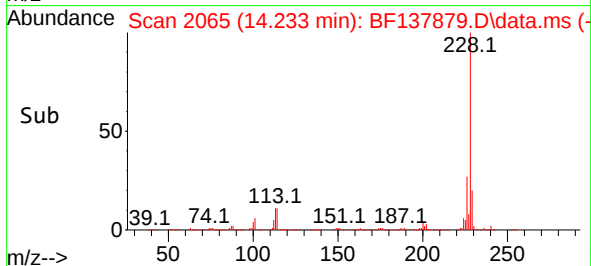
229 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.163 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137879.D

Acq: 10 May 2024 14:18

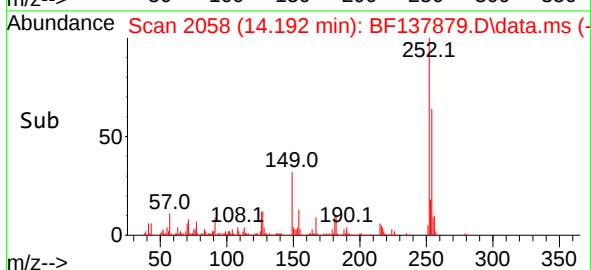
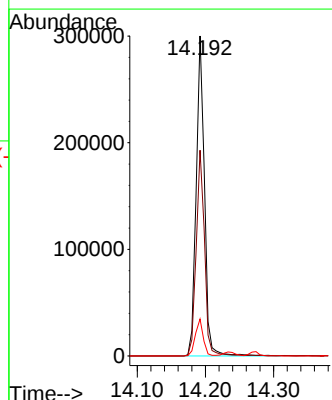
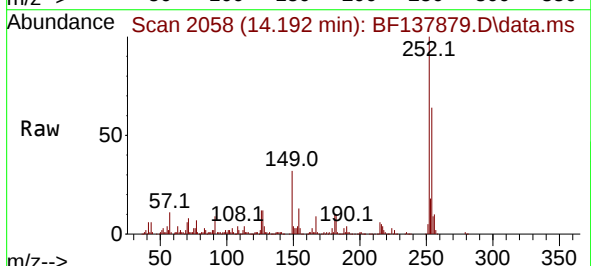
Tgt Ion:252 Resp: 251321

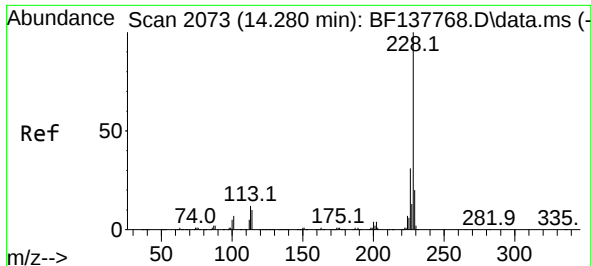
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.6 9.7 14.5





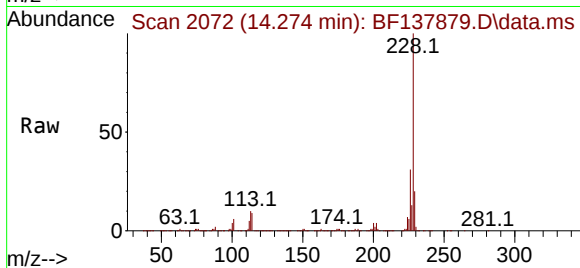
#83
Chrysene
Concen: 43.337 ng
RT: 14.274 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

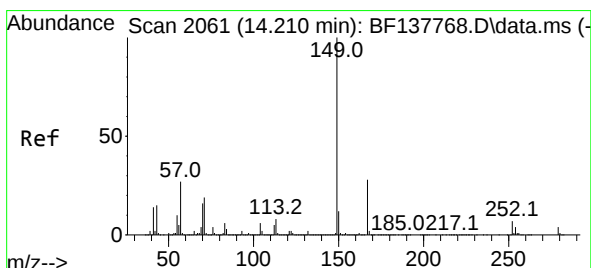
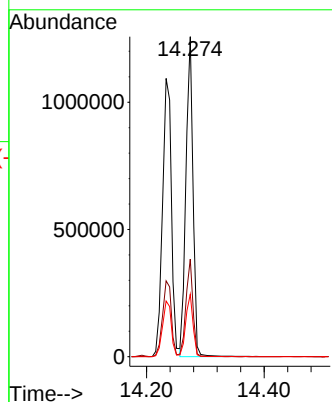
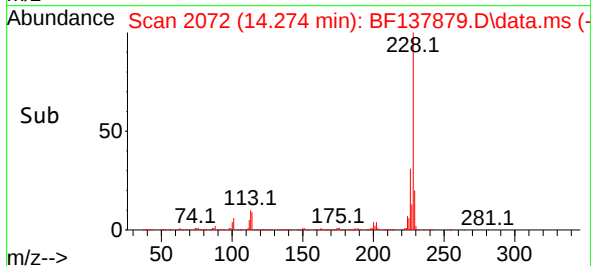


Tgt Ion:228 Resp: 1059130
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 19.5 16.0 24.0

Manual Integrations

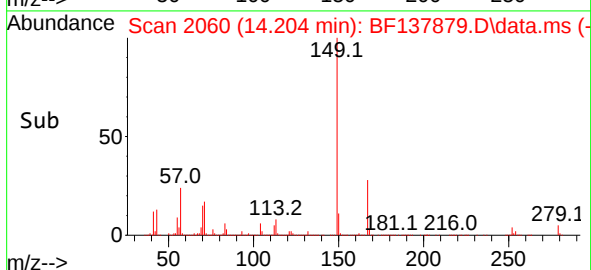
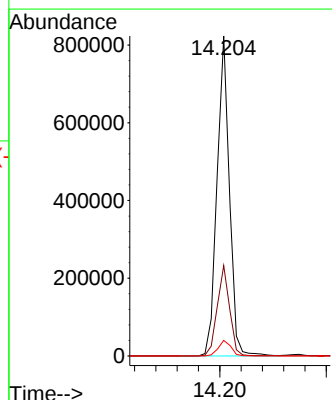
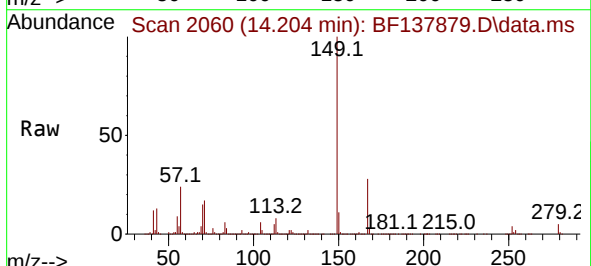
APPROVED

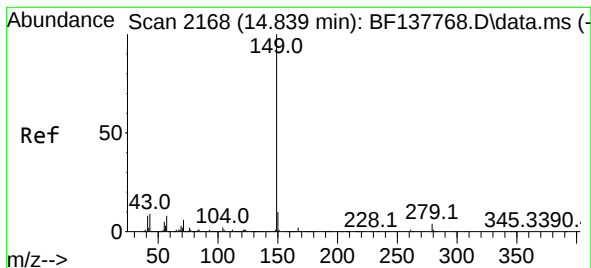
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.186 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

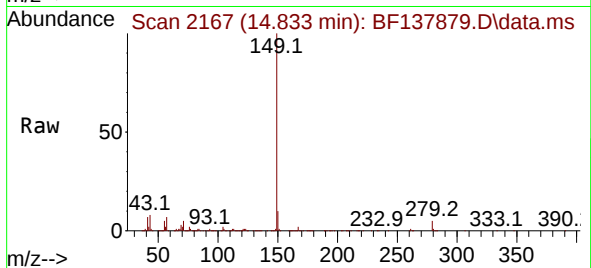
Tgt Ion:149 Resp: 662267
Ion Ratio Lower Upper
149 100
167 28.3 22.4 33.6
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.239 ng
RT: 14.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

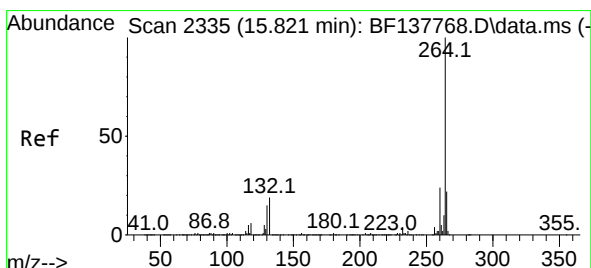
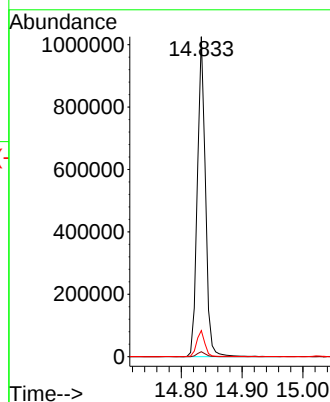
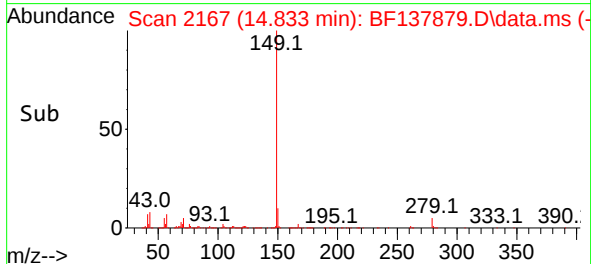
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:149 Resp: 944440
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.5 11.3

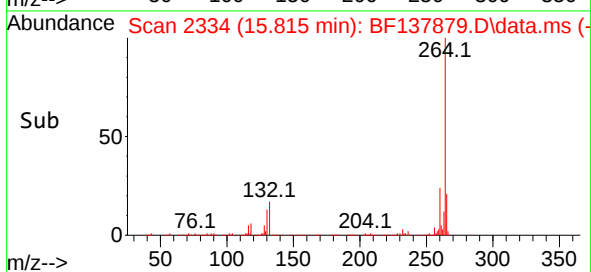
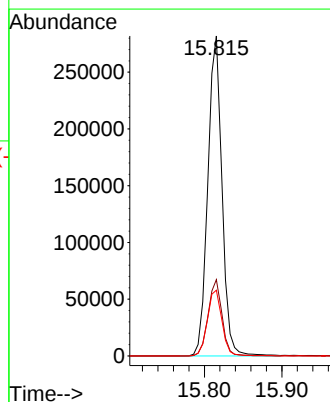
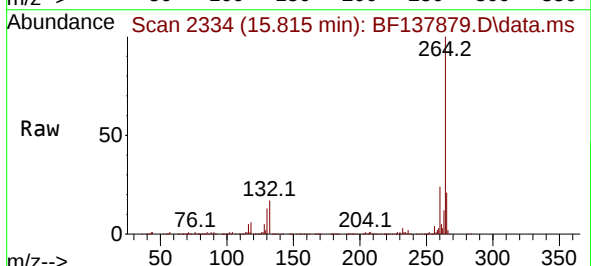
Manual Integrations
APPROVED

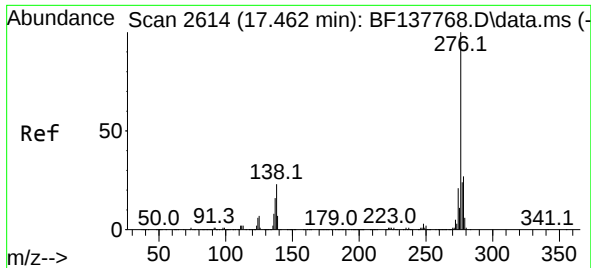
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.815 min Scan# 2334
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:264 Resp: 358120
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 20.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.125 ng
RT: 17.451 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

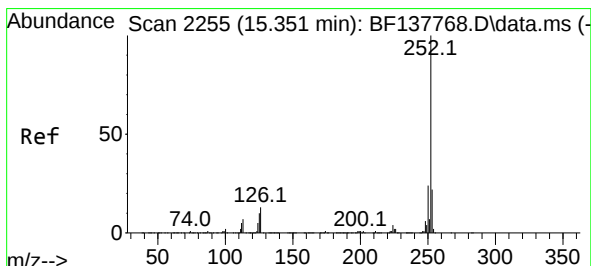
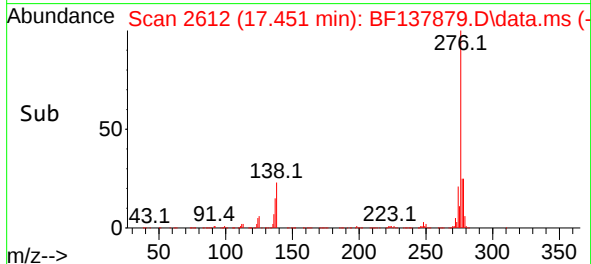
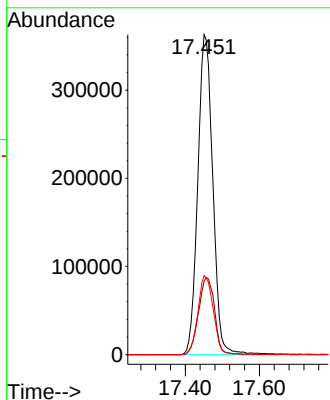
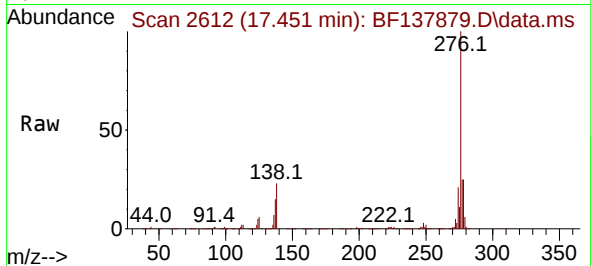
ClientSampleId :

PB160807BS

Tgt Ion:276 Resp: 102056
Ion Ratio Lower Upper
276 100
138 25.7 21.4 32.0
277 25.3 20.1 30.1

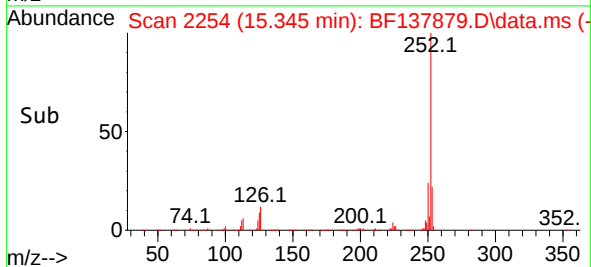
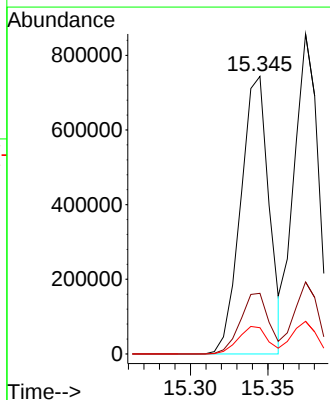
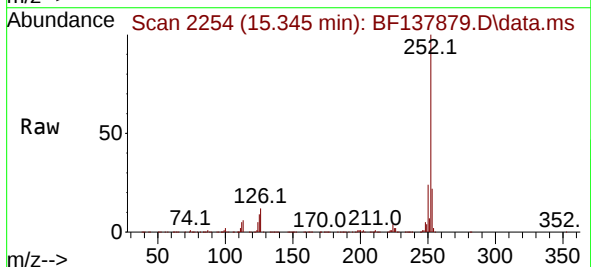
Manual Integrations
APPROVED

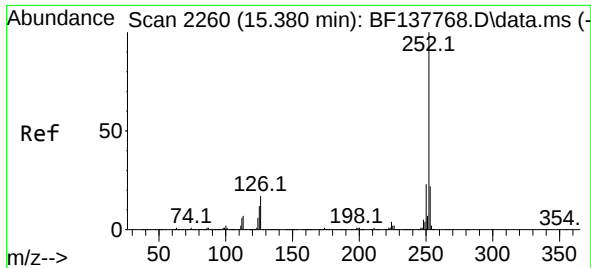
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#88
Benzo(b)fluoranthene
Concen: 42.480 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:252 Resp: 946505
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 7.9 11.9





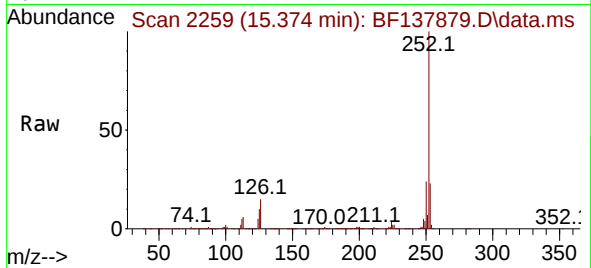
#89
Benzo(k)fluoranthene
Concen: 44.090 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Instrument :

BNA_F

ClientSampleId :

PB160807BS

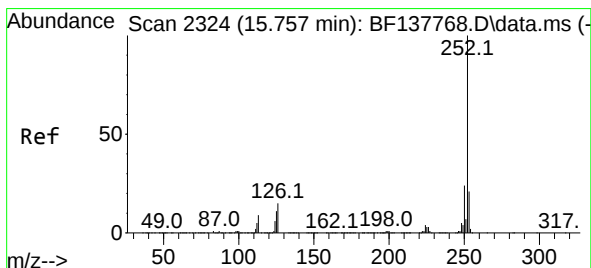
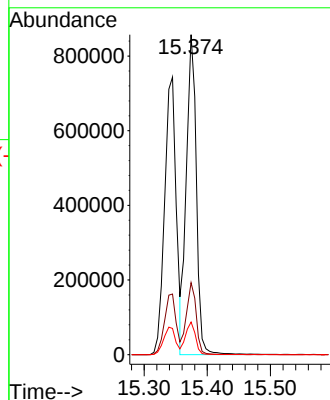
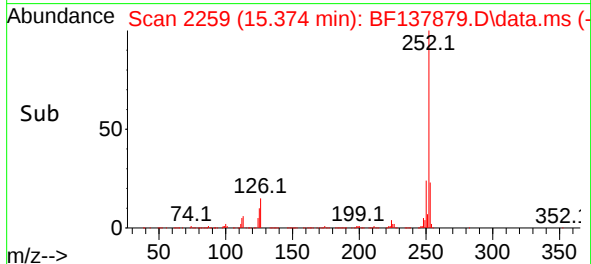


Tgt Ion:252 Resp: 949500
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.2 9.0 13.4

Manual Integrations

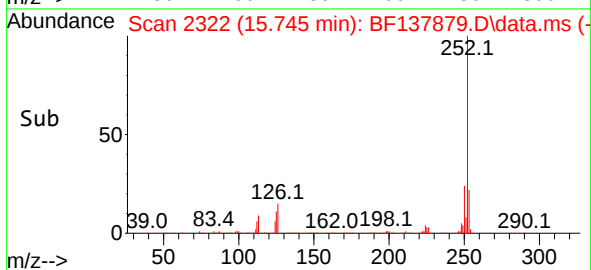
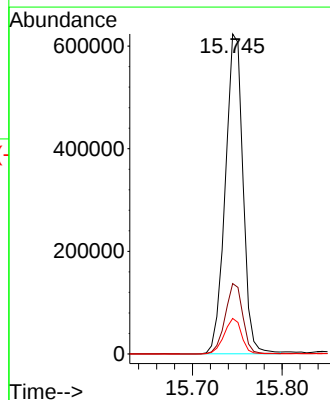
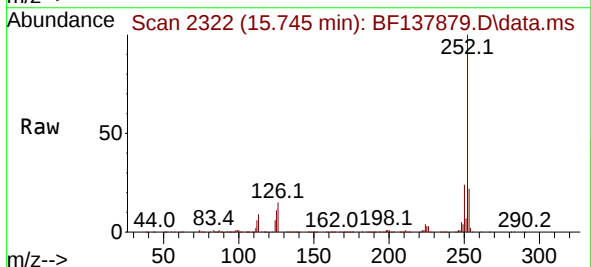
APPROVED

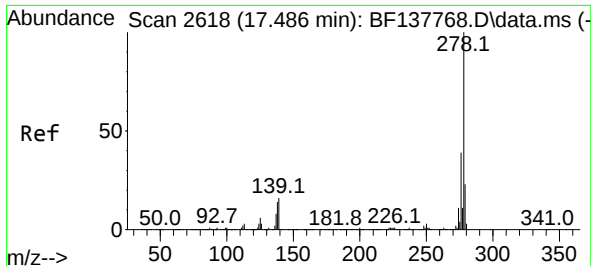
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#90
Benzo(a)pyrene
Concen: 46.890 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

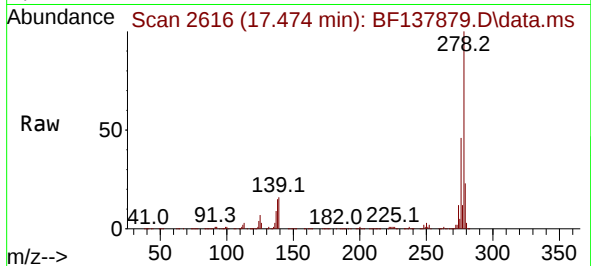
Tgt Ion:252 Resp: 852352
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 11.1 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.096 ng
RT: 17.474 min Scan# 2616
Delta R.T. -0.012 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

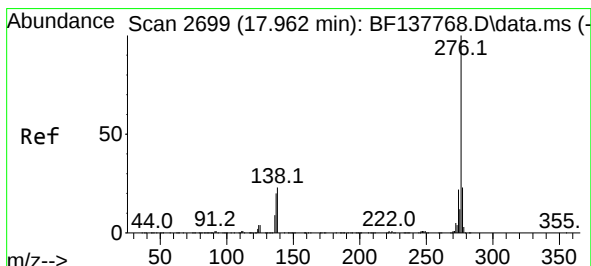
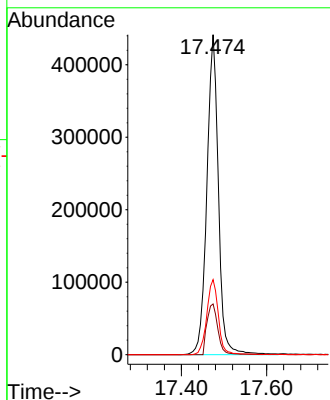
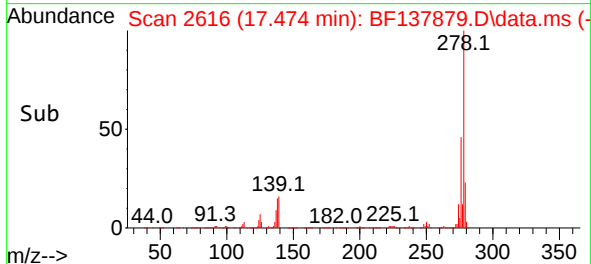
Instrument :
BNA_F
ClientSampleId :
PB160807BS



Tgt Ion:278 Resp: 830224
Ion Ratio Lower Upper
278 100
139 15.8 13.0 19.6
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#92
Benzo(g,h,i)perylene
Concen: 45.522 ng
RT: 17.956 min Scan# 2698
Delta R.T. -0.006 min
Lab File: BF137879.D
Acq: 10 May 2024 14:18

Tgt Ion:276 Resp: 790867
Ion Ratio Lower Upper
276 100
277 22.9 18.0 27.0
138 20.9 18.1 27.1

