

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137881.D
 Acq On : 10 May 2024 15:17
 Operator : CG\JU
 Sample : PB160847BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS

Manual Integrations
 APPROVED

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

Quant Time: May 11 00:35:17 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	164207	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	662141	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	382223	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	708935	20.000	ng	0.00
76) Chrysene-d12	14.245	240	444978	20.000	ng	0.00
86) Perylene-d12	15.809	264	360487	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1206166	122.983	ng	0.01
7) Phenol-d6	6.669	99	1494682	120.152	ng	0.00
23) Nitrobenzene-d5	7.616	82	919480	80.678	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	523351	134.103	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1955341	82.995	ng	-0.01
79) Terphenyl-d14	13.180	244	2440208	91.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	154232	34.922	ng	97
3) Pyridine	3.810	79	386199	36.131	ng	95
4) n-Nitrosodimethylamine	3.781	42	187336	38.921	ng	94
6) Aniline	6.710	93	391212m	31.729	ng	
8) 2-Chlorophenol	6.833	128	473933	44.342	ng	99
9) Benzaldehyde	6.604	77	198392	29.614	ng	98
10) Phenol	6.681	94	531053	41.662	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	414830	41.562	ng	99
12) 1,3-Dichlorobenzene	6.992	146	503825	41.802	ng	98
13) 1,4-Dichlorobenzene	7.069	146	511469	42.292	ng	98
14) 1,2-Dichlorobenzene	7.222	146	487109	42.764	ng	98
15) Benzyl Alcohol	7.186	79	375183	43.612	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	535243	38.152	ng	98
17) 2-Methylphenol	7.292	107	380112	44.074	ng	100
18) Hexachloroethane	7.563	117	176396	43.145	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	303688	40.850	ng	96
20) 3+4-Methylphenols	7.439	107	482997	42.568	ng	95
22) Acetophenone	7.457	105	633741	42.556	ng	99
24) Nitrobenzene	7.633	77	463276	39.440	ng	95
25) Isophorone	7.869	82	844915	41.118	ng	98
26) 2-Nitrophenol	7.945	139	255303	47.996	ng	93
27) 2,4-Dimethylphenol	7.975	122	345001	45.052	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	511983	41.151	ng	99
29) 2,4-Dichlorophenol	8.186	162	405382	43.797	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	426261	42.244	ng	99
31) Naphthalene	8.357	128	1391359	42.283	ng	100
32) Benzoic acid	8.086	122	284636	43.085	ng	93
33) 4-Chloroaniline	8.398	127	188031	15.410	ng	98
34) Hexachlorobutadiene	8.469	225	259651	41.913	ng	99
35) Caprolactam	8.769	113	134126m	45.735	ng	
36) 4-Chloro-3-methylphenol	8.875	107	426796	44.216	ng	95
37) 2-Methylnaphthalene	9.051	142	908479	42.652	ng	99
38) 1-Methylnaphthalene	9.151	142	853456	40.727	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	432711	42.744	ng	99
41) Hexachlorocyclopentadiene	9.198	237	470204	114.353	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	295537	42.887	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	325274	42.748	ng	97
46) 1,1'-Biphenyl	9.516	154	1122298	42.785	ng	98
47) 2-Chloronaphthalene	9.545	162	873080	41.226	ng	99
48) 2-Nitroaniline	9.633	65	252368	43.939	ng	99
49) Acenaphthylene	9.963	152	1400623	45.719	ng	100
50) Dimethylphthalate	9.810	163	1041130	43.148	ng	100
51) 2,6-Dinitrotoluene	9.874	165	234692	42.560	ng	99
52) Acenaphthene	10.133	154	937510	46.168	ng	99
53) 3-Nitroaniline	10.045	138	161874	28.032	ng	96
54) 2,4-Dinitrophenol	10.151	184	256901	94.815	ng	89
55) Dibenzofuran	10.304	168	1265525	42.826	ng	98
56) 4-Nitrophenol	10.204	139	397017	82.953	ng	93
57) 2,4-Dinitrotoluene	10.280	165	330241	45.841	ng	99
58) Fluorene	10.651	166	1012457	43.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	274367	44.414	ng	99
60) Diethylphthalate	10.516	149	1000297	43.649	ng	98
61) 4-Chlorophenyl-phenyle...	10.639	204	490338	42.315	ng	99
62) 4-Nitroaniline	10.669	138	241829	41.287	ng	95
63) Azobenzene	10.798	77	929130	41.949	ng	97
65) 4,6-Dinitro-2-methylph...	10.692	198	182663	44.891	ng	80
66) n-Nitrosodiphenylamine	10.757	169	886256	41.763	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	322966	42.567	ng	95
68) Hexachlorobenzene	11.198	284	354730	42.783	ng	96
69) Atrazine	11.280	200	309458	47.826	ng	98
70) Pentachlorophenol	11.392	266	445550	78.272	ng	99
71) Phenanthrene	11.621	178	1495439	43.277	ng	99
72) Anthracene	11.674	178	1527840	44.438	ng	100
73) Carbazole	11.821	167	1402166	42.317	ng	100
74) Di-n-butylphthalate	12.139	149	1609118	44.518	ng	99
75) Fluoranthene	12.815	202	1565026	41.433	ng	98
77) Benzidine	12.927	184	339917	33.029	ng	99
78) Pyrene	13.045	202	1577530	44.713	ng	100
80) Butylbenzylphthalate	13.651	149	582028	51.994	ng	96
81) Benzo(a)anthracene	14.233	228	1259404	44.251	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	266341	31.260	ng	98
83) Chrysene	14.274	228	1170176	43.912	ng	100
84) Bis(2-ethylhexyl)phtha...	14.204	149	740624	52.497	ng	99
85) Di-n-octyl phthalate	14.833	149	983815	51.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.450	276	1030999	50.305	ng	99
88) Benzo(b)fluoranthene	15.339	252	971544	43.317	ng	99
89) Benzo(k)fluoranthene	15.374	252	944942	43.590	ng	99
90) Benzo(a)pyrene	15.745	252	871220	47.613	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	831740	49.858	ng	100
92) Benzo(g,h,i)perylene	17.956	276	801400	45.825	ng	99

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

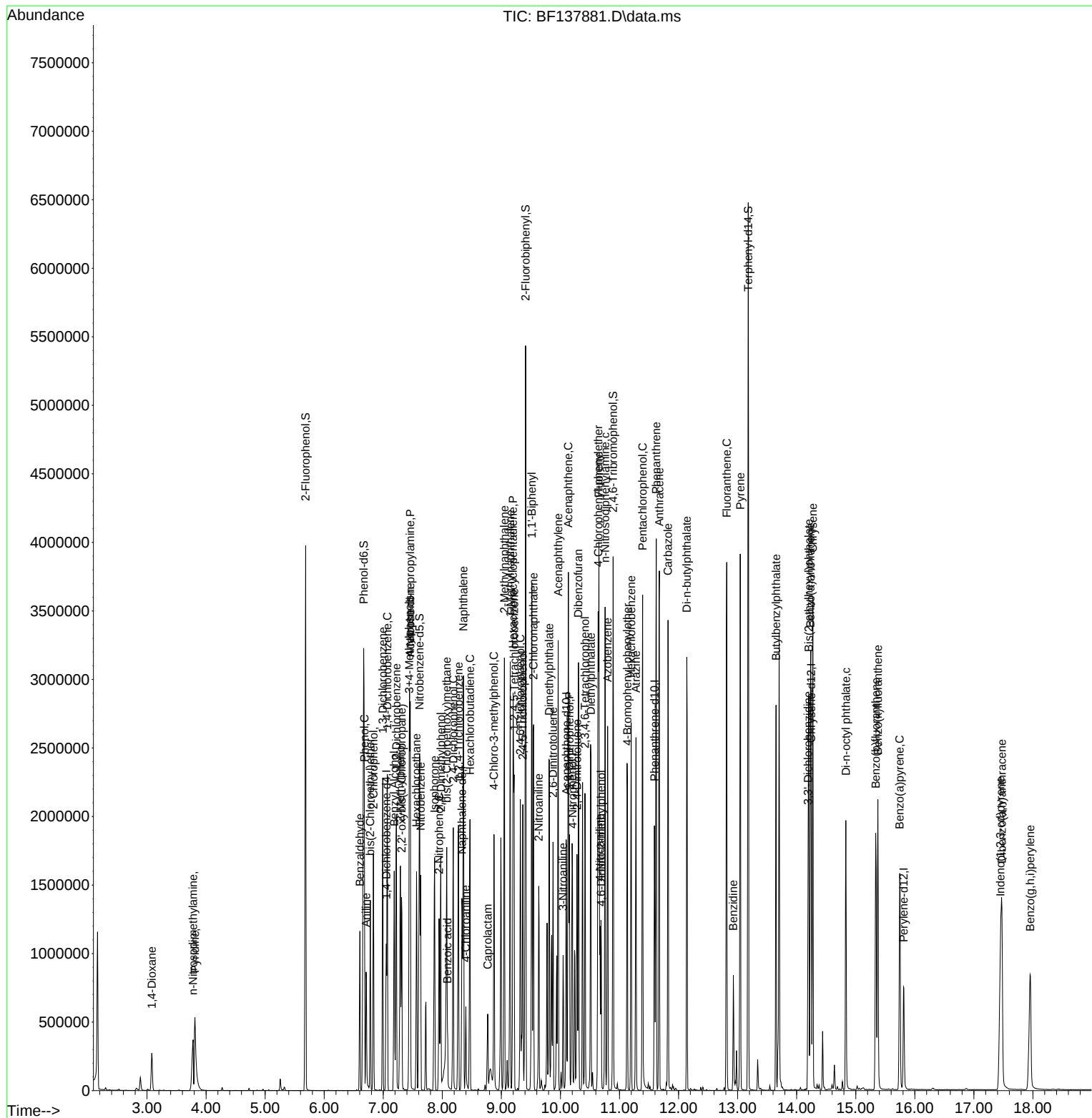
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
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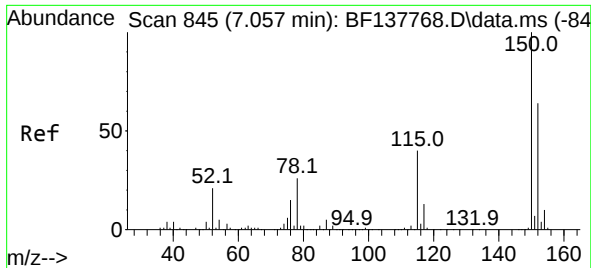
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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Supervised By :mohammad ahmed 05/13/2024

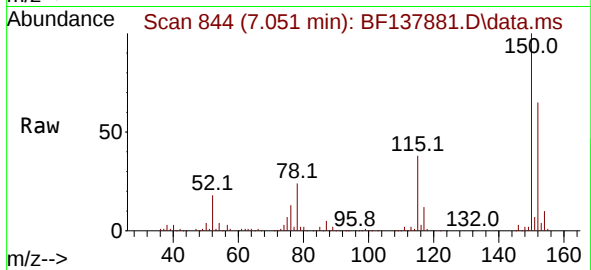
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

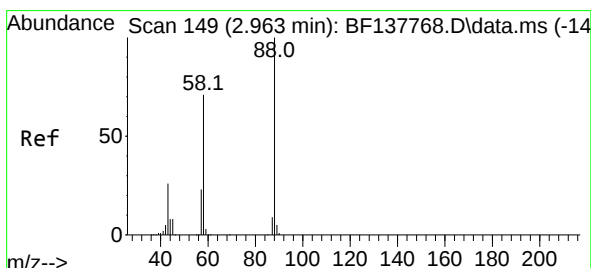
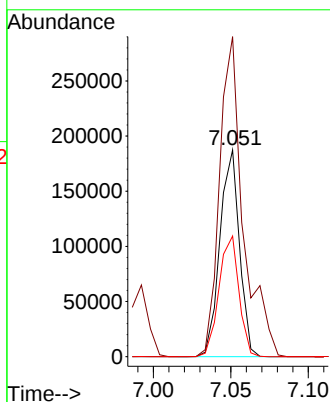
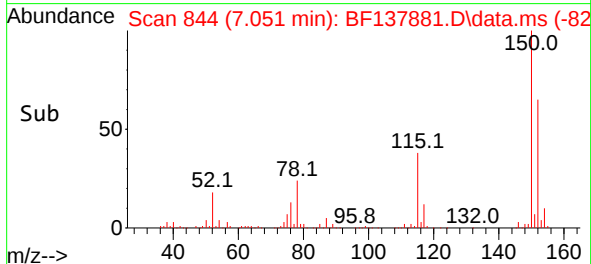
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:152 Resp: 16420
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 58.3 49.1 73.7

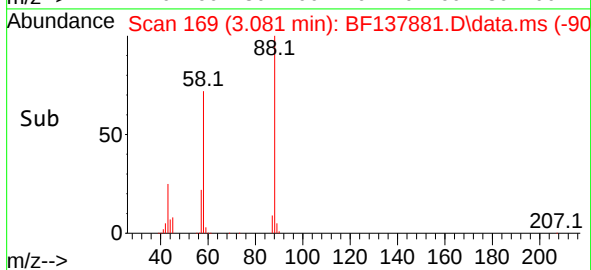
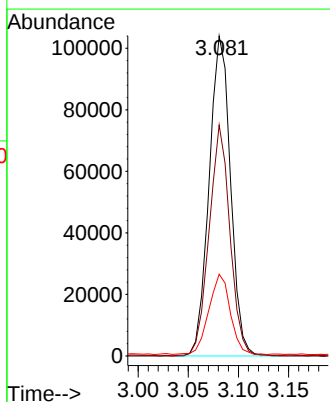
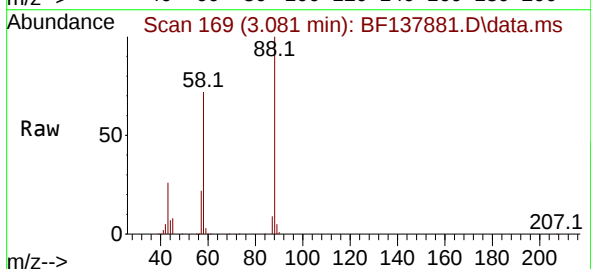
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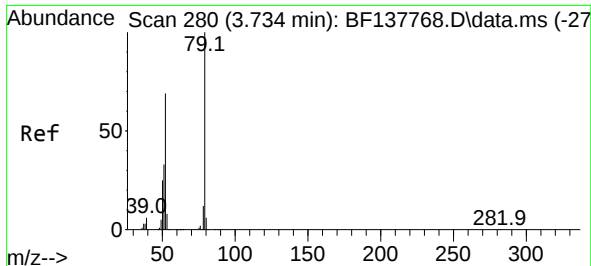
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 34.922 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.117 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 88 Resp: 154232
Ion Ratio Lower Upper
88 100
58 70.5 58.8 88.2
43 25.2 21.4 32.0





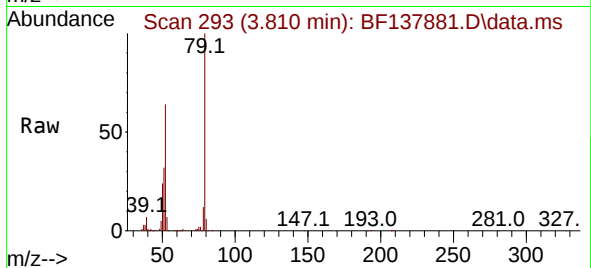
#3
Pyridine
Concen: 36.131 ng
RT: 3.810 min Scan# 293
Delta R.T. 0.076 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



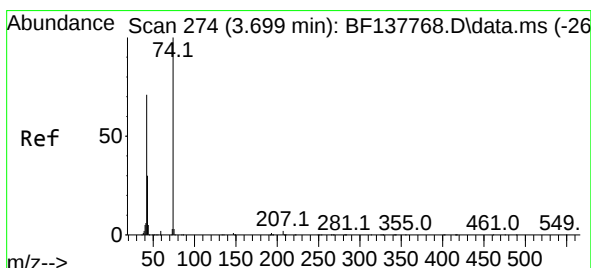
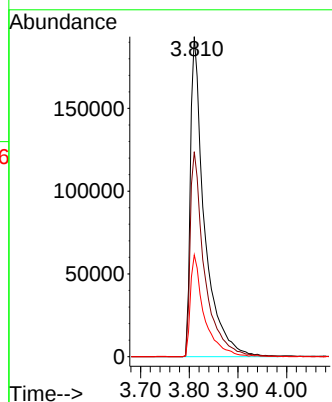
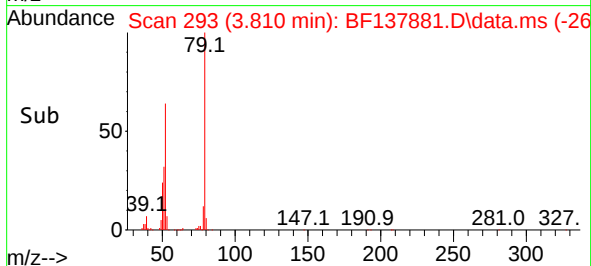
Tgt Ion: 79 Resp: 386199
Ion Ratio Lower Upper
79 100
52 64.0 55.5 83.3
51 31.8 26.9 40.3

Manual Integrations

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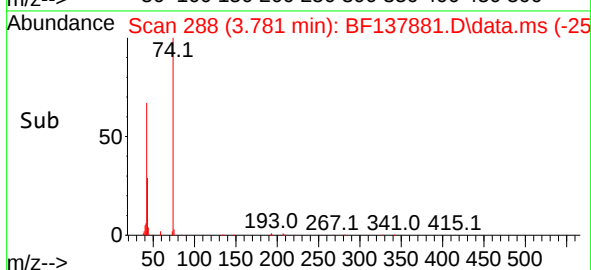
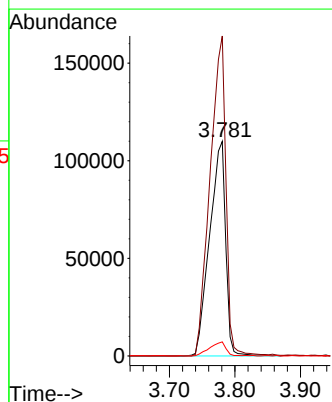
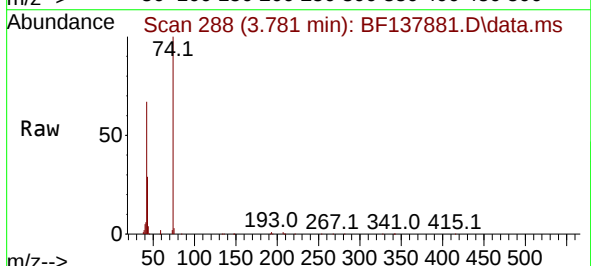
Reviewed By :Yogesh Patel 05/13/2024

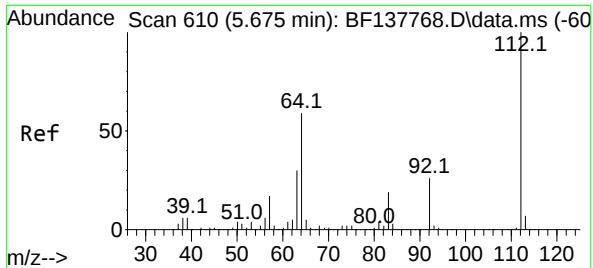
Supervised By :mohammad ahmed 05/13/2024



#4
n-Nitrosodimethylamine
Concen: 38.921 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.082 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 42 Resp: 187336
Ion Ratio Lower Upper
42 100
74 149.2 112.9 169.3
44 6.5 5.6 8.4





#5
2-Fluorophenol
Concen: 122.983 ng
RT: 5.686 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

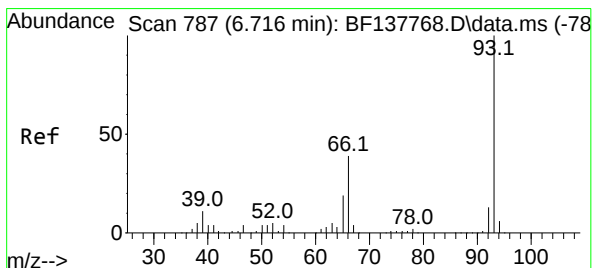
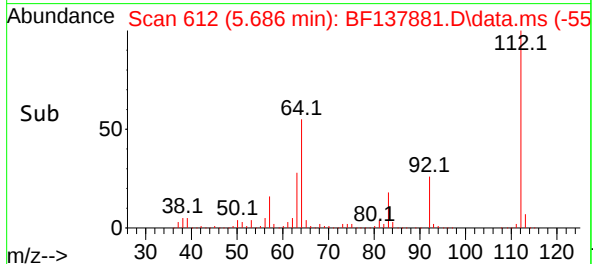
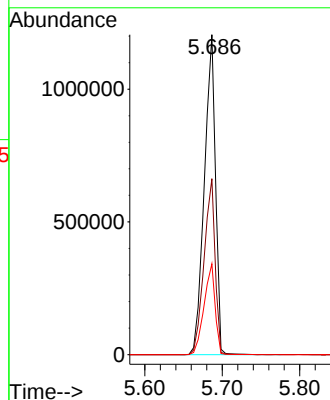
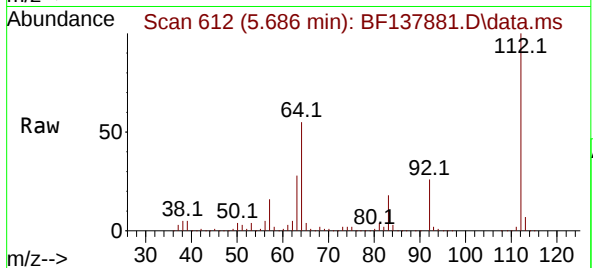
PB160847BS

Tgt Ion:112 Resp: 120616
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.4 23.7 35.5

Manual Integrations

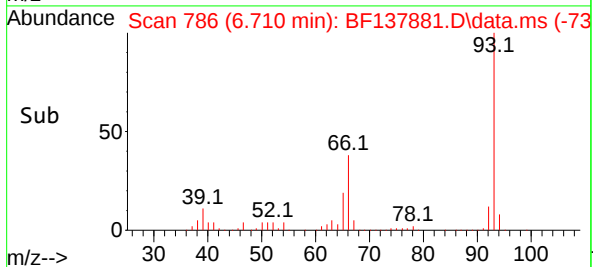
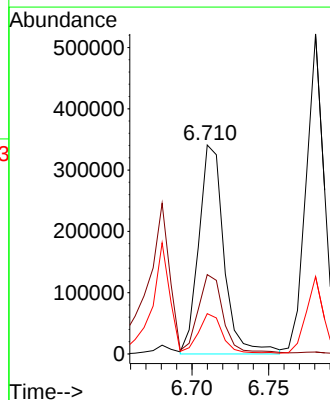
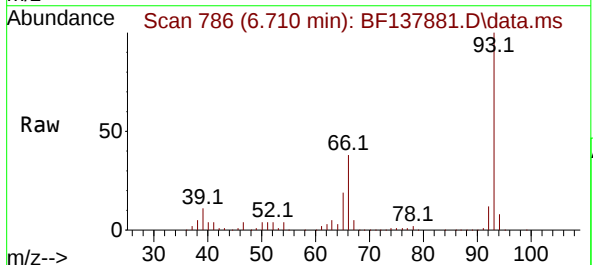
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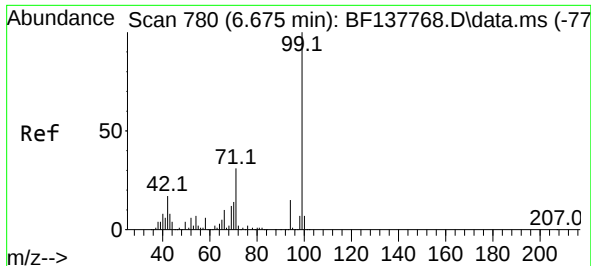
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 31.729 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

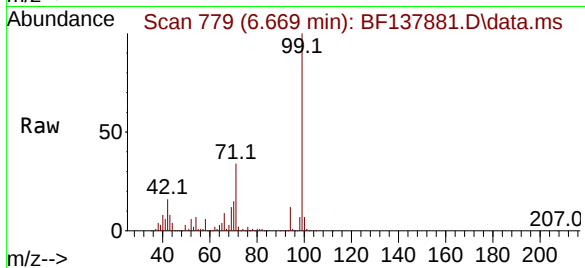
Tgt Ion: 93 Resp: 391212
Ion Ratio Lower Upper
93 100
66 38.0 31.8 47.6
65 19.3 15.4 23.2





#7
Phenol-d6
Concen: 120.152 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137881.D
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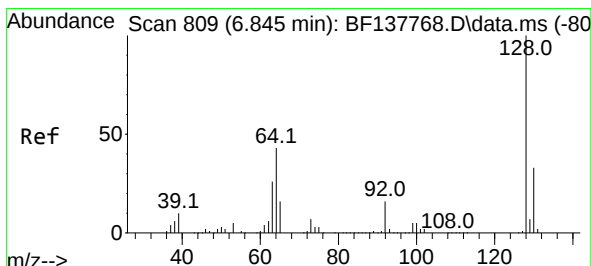
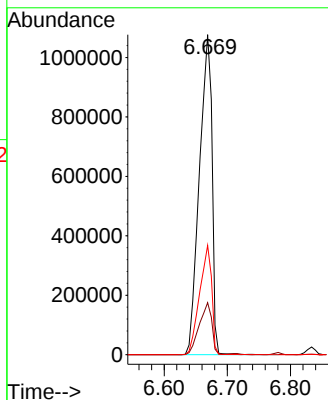
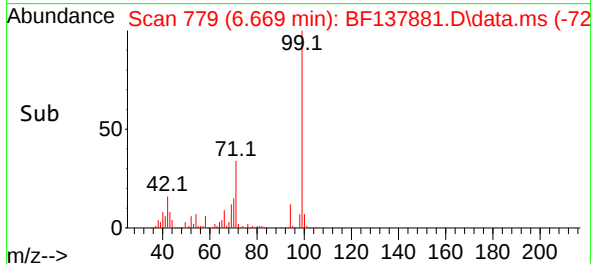


Tgt Ion: 99 Resp: 149468

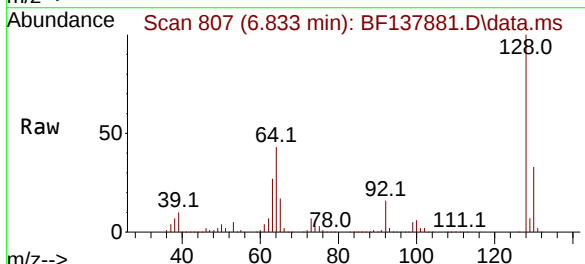
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	34.2	25.0	37.4

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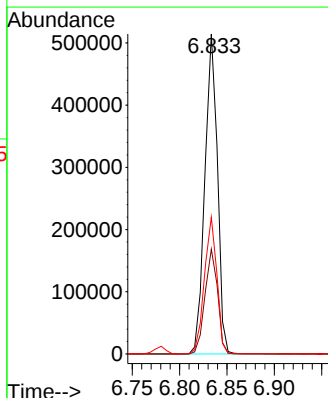
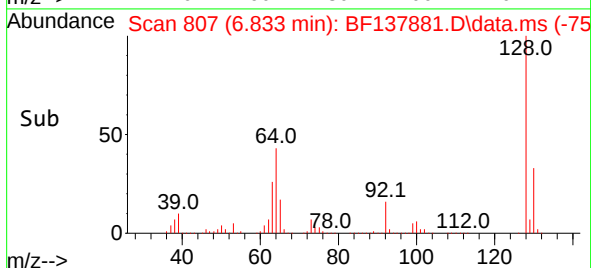


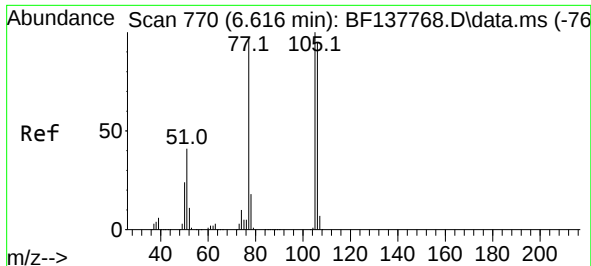
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2-Chlorophenol
Concen: 44.342 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:128 Resp: 473933

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	42.7	23.9	63.9





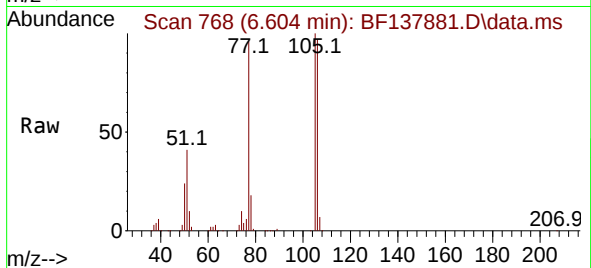
#9
Benzaldehyde
Concen: 29.614 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137881.D
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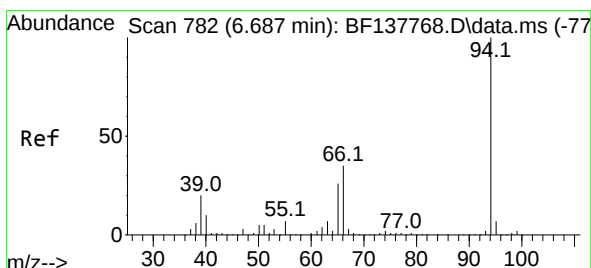
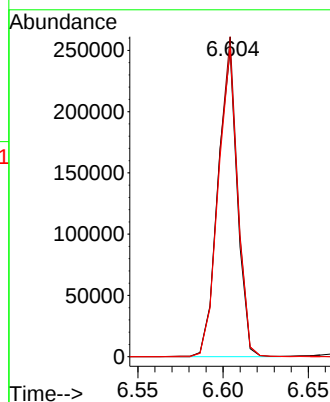
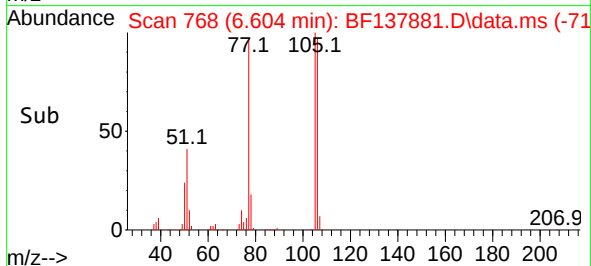
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Ion Ratio Lower Upper
77 100
105 104.5 83.2 123.2
106 100.9 77.7 117.7

Manual Integrations

APPROVED

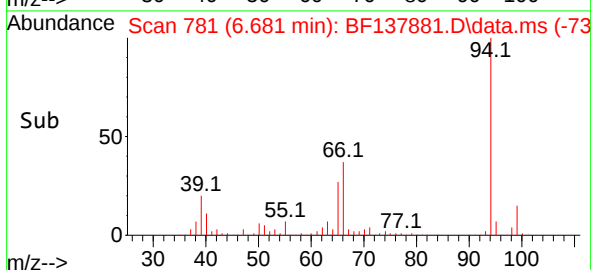
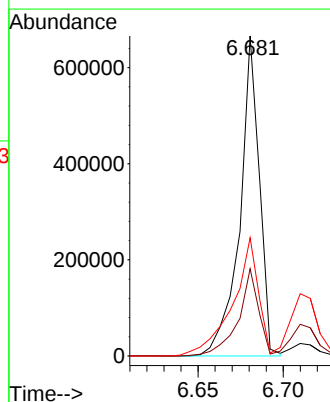
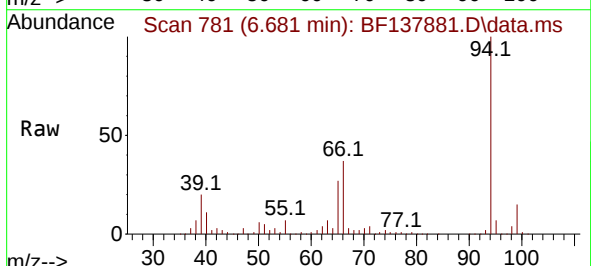
Reviewed By :Yogesh Patel 05/13/2024

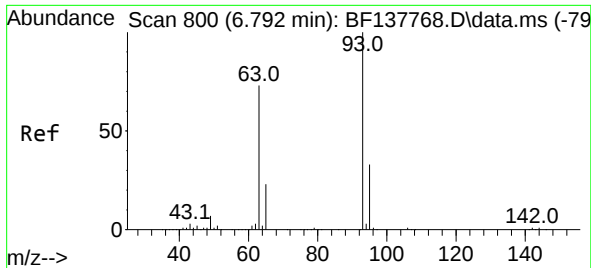
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 41.662 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 94 Resp: 531053
Ion Ratio Lower Upper
94 100
65 27.2 6.4 46.4
66 36.9 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 41.562 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

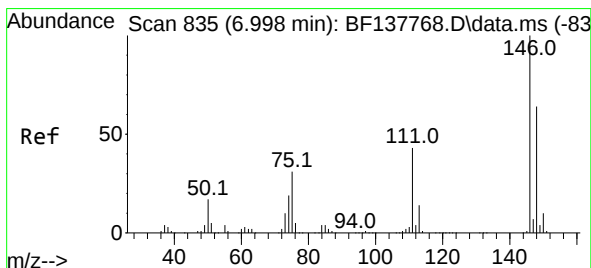
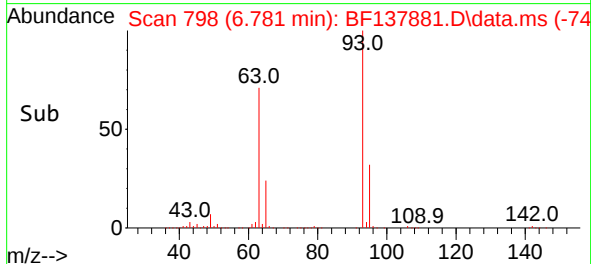
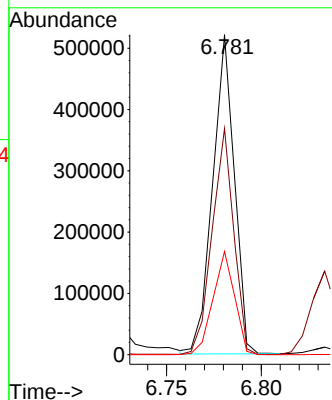
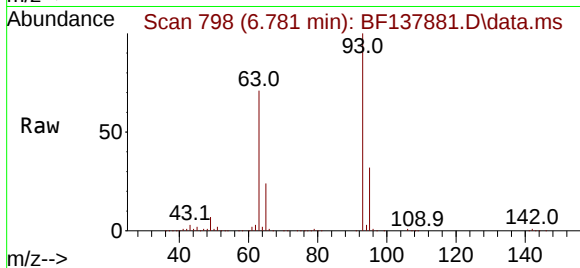
ClientSampleId :

PB160847BS

Tgt Ion: 93 Resp: 414830
Ion Ratio Lower Upper
93 100
63 70.7 51.6 91.6
95 32.2 12.1 52.1

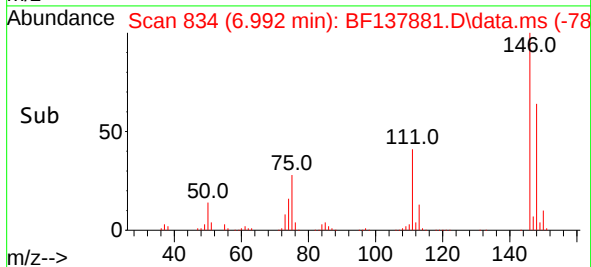
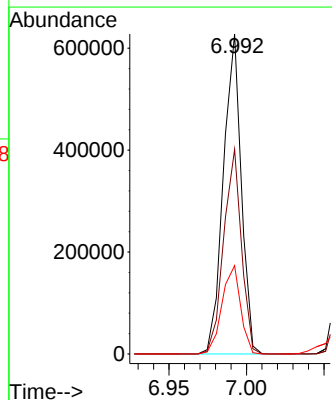
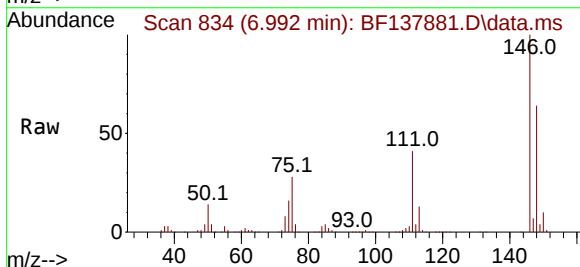
Manual Integrations
APPROVED

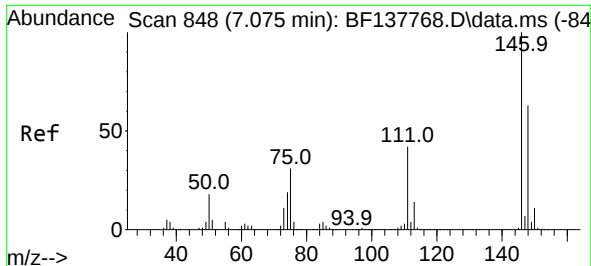
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#12
1,3-Dichlorobenzene
Concen: 41.802 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:146 Resp: 503825
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 27.6 25.1 37.7





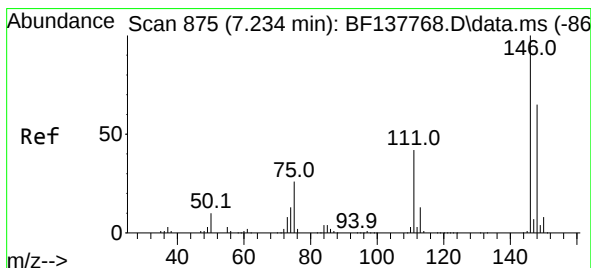
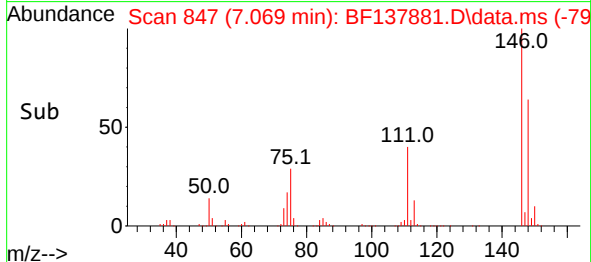
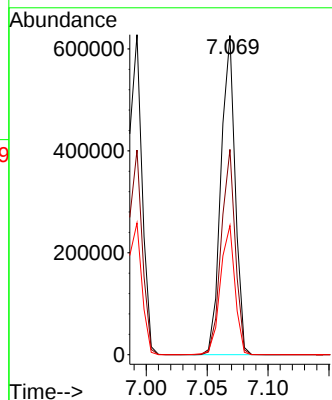
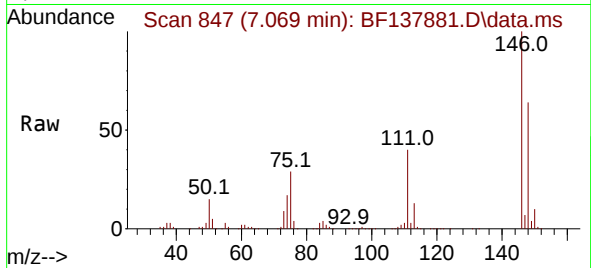
#13
1,4-Dichlorobenzene
Concen: 42.292 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB160847BS

Tgt Ion:146 Resp: 511469
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 40.4 33.8 50.8

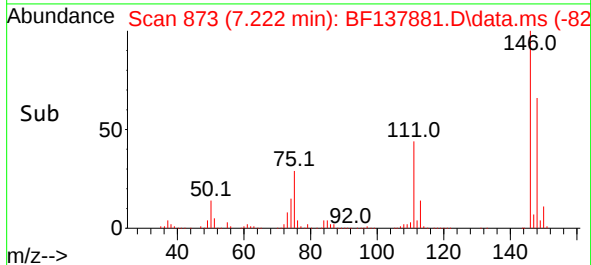
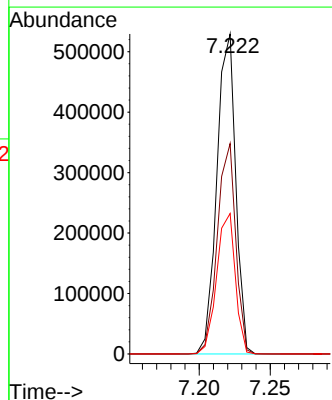
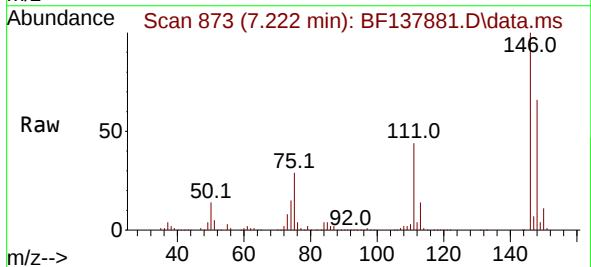
Manual Integrations
APPROVED

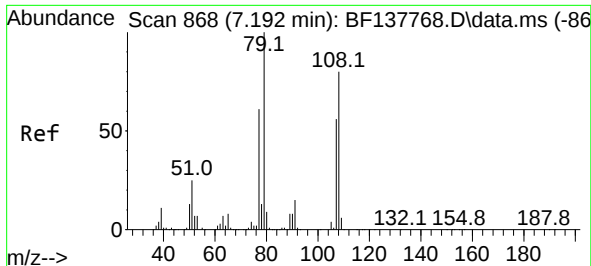
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 42.764 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:146 Resp: 487109
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
111 43.9 33.6 50.4





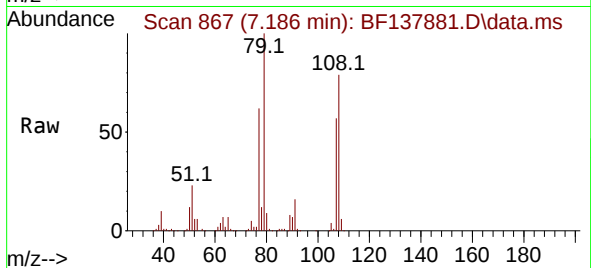
#15
Benzyl Alcohol
Concen: 43.612 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

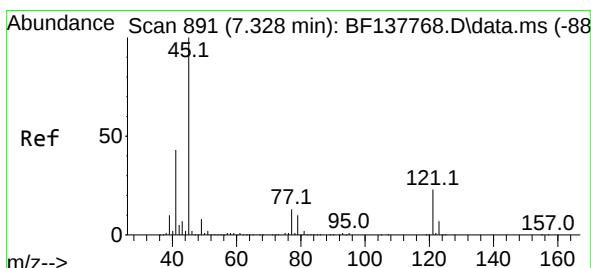
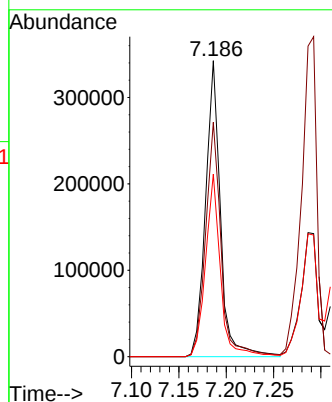
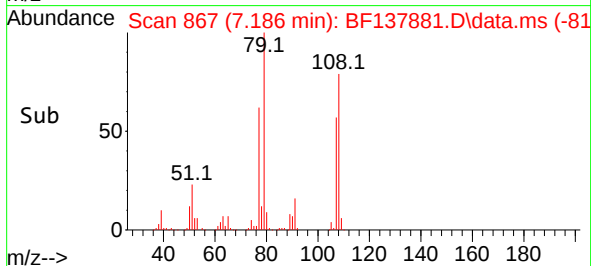


Tgt Ion: 79 Resp: 37518
Ion Ratio Lower Upper
79 100
108 79.2 64.2 96.2
77 61.7 48.5 72.7

Manual Integrations

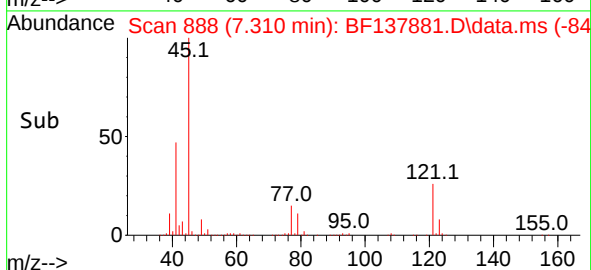
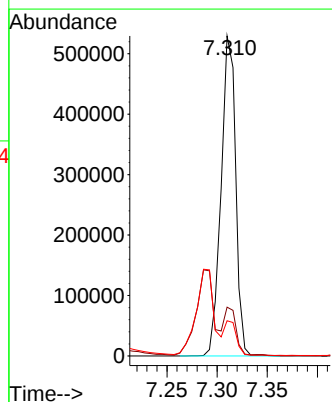
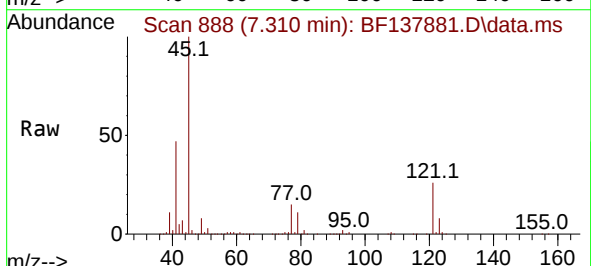
APPROVED

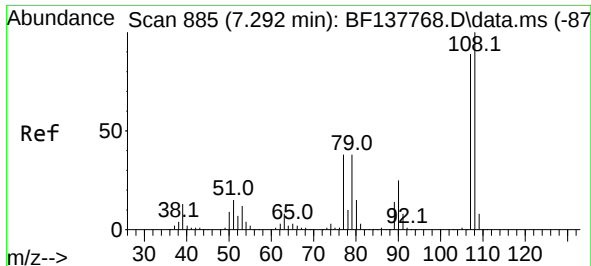
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.152 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 45 Resp: 535243
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.8
79 11.0 0.0 31.0





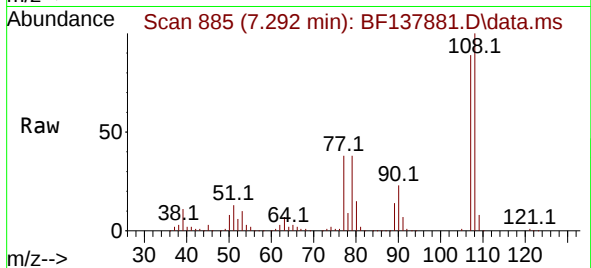
#17
2-Methylphenol
Concen: 44.074 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



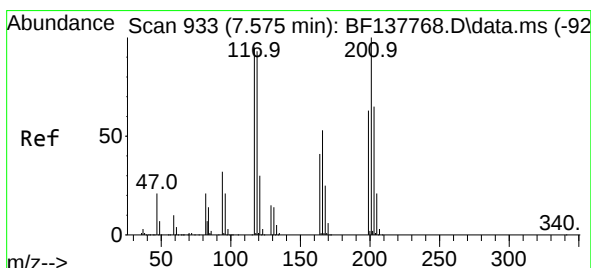
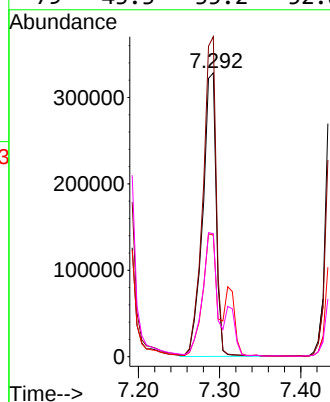
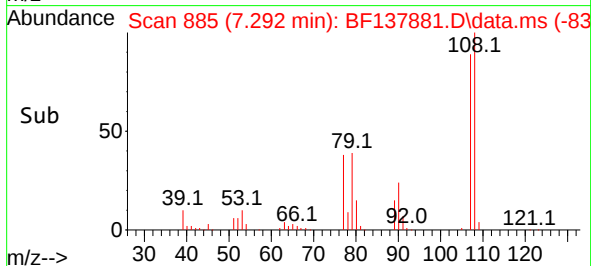
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.5	135.7
77	42.9	34.5	51.7
79	43.3	35.2	52.8

Manual Integrations

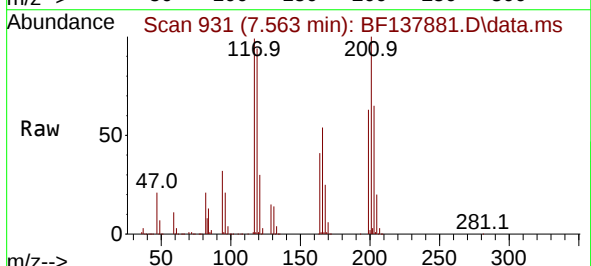
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

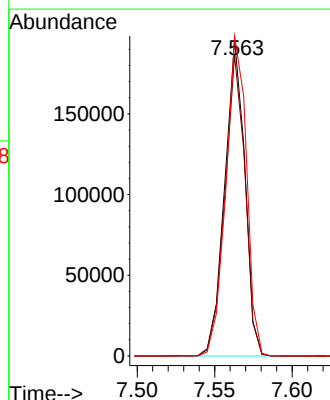
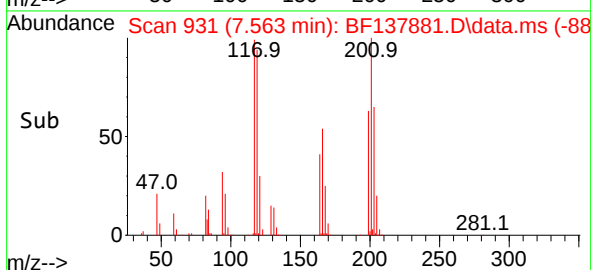
Supervised By :mohammad ahmed 05/13/2024

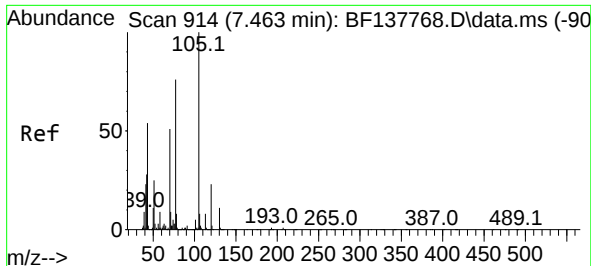


#18
Hexachloroethane
Concen: 43.145 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.6	116.4
201	101.1	83.8	125.8





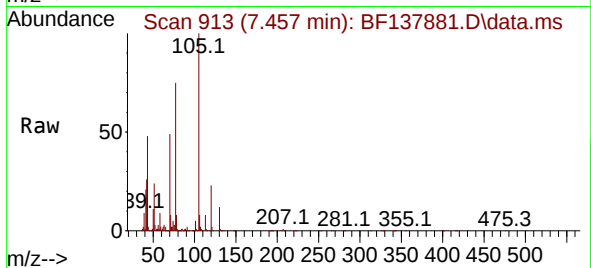
#19
n-Nitroso-di-n-propylamine
Concen: 40.850 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

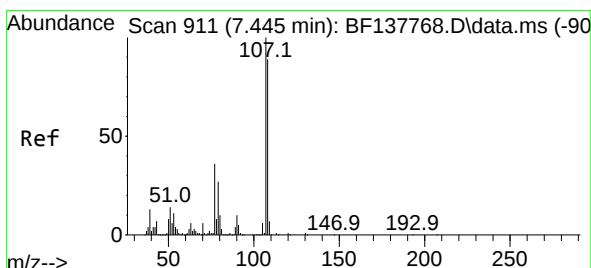
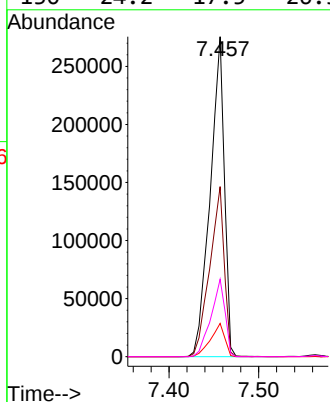
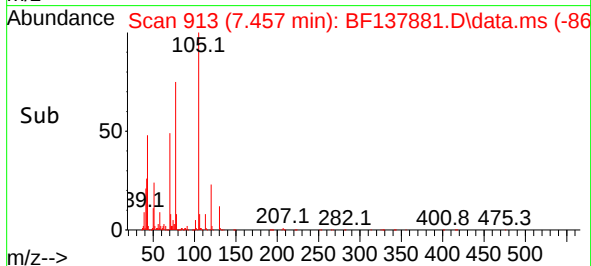
PB160847BS



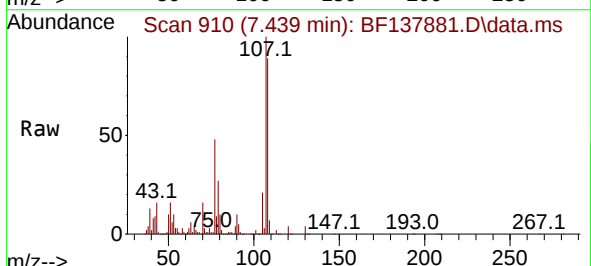
Tgt Ion: 70 Resp: 303688
Ion Ratio Lower Upper
70 100
42 53.2 44.6 66.8
101 10.4 7.8 11.6
130 24.2 17.5 26.3

Manual Integrations
APPROVED

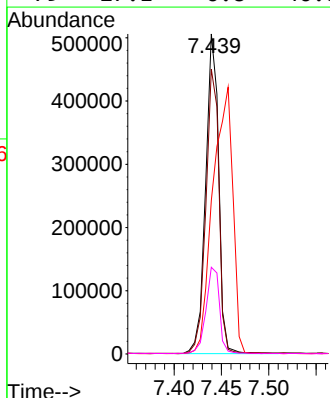
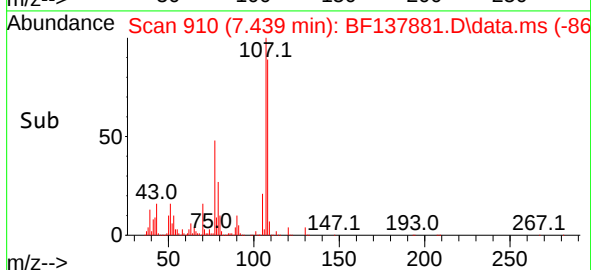
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

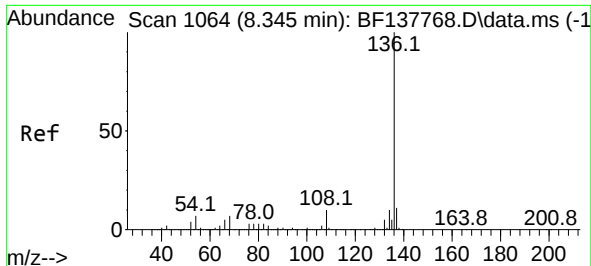


#20
3+4-Methylphenols
Concen: 42.568 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:107 Resp: 482997
Ion Ratio Lower Upper
107 100
108 89.0 69.3 109.3
77 47.9 15.7 55.7
79 27.1 6.8 46.8





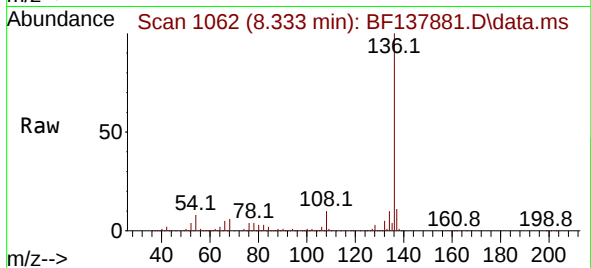
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

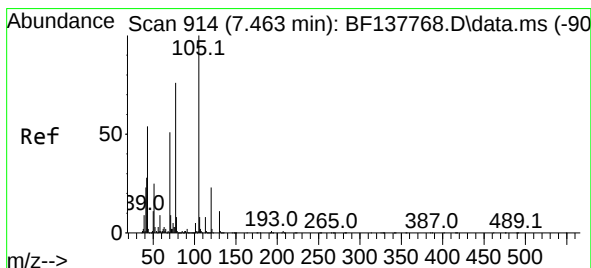
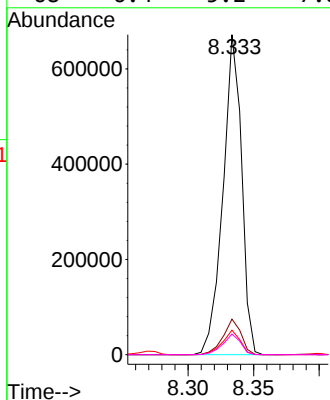
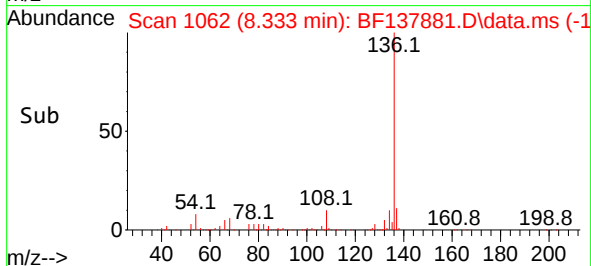


Tgt Ion:136 Resp: 66214
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 5.8 8.8
68 6.4 5.2 7.8

Manual Integrations

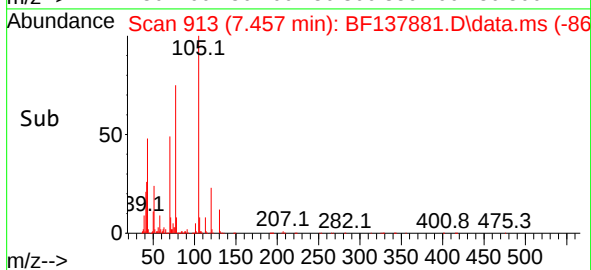
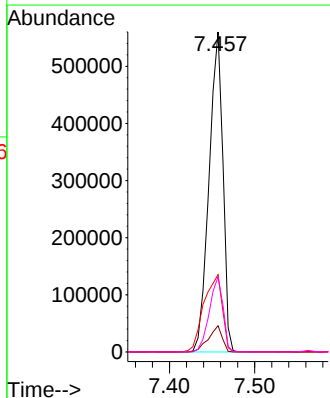
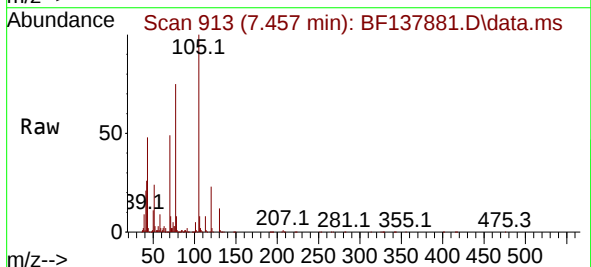
APPROVED

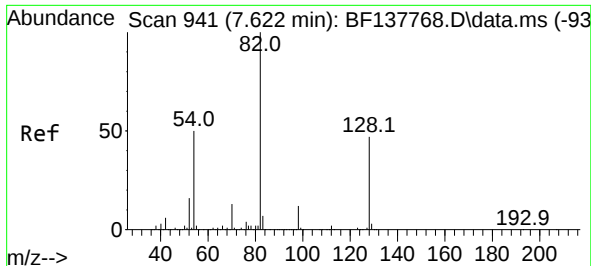
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 42.556 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:105 Resp: 633741
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 24.2 20.2 30.2
120 23.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 80.678 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

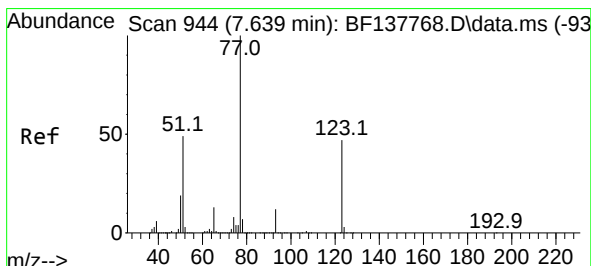
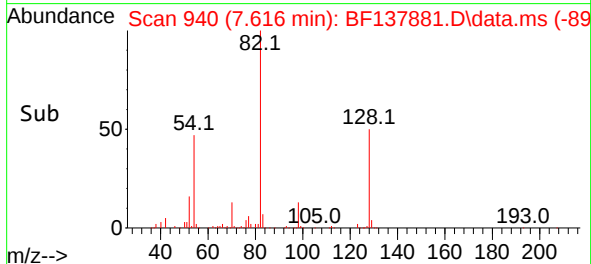
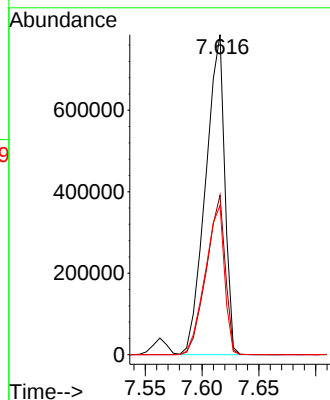
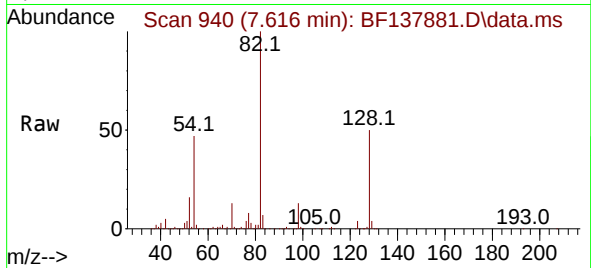
ClientSampleId :

PB160847BS

Tgt Ion: 82 Resp: 919480
Ion Ratio Lower Upper
82 100
128 49.9 37.5 56.3
54 46.6 39.8 59.6

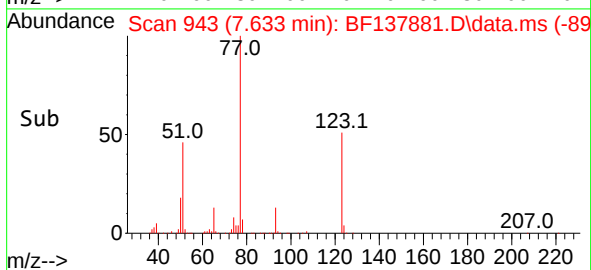
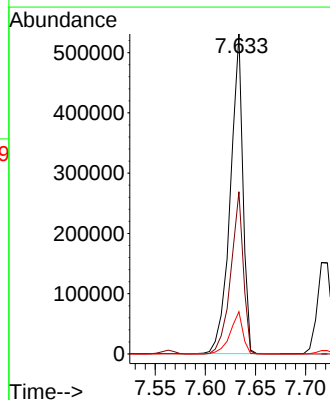
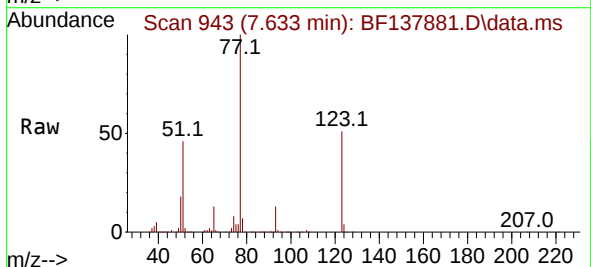
Manual Integrations
APPROVED

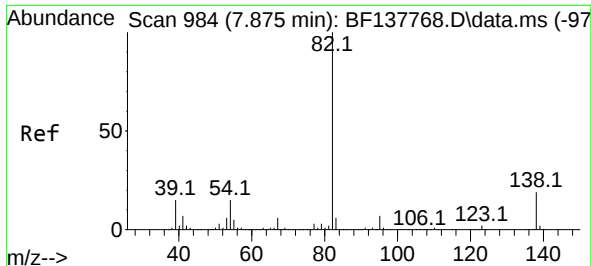
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#24
Nitrobenzene
Concen: 39.440 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

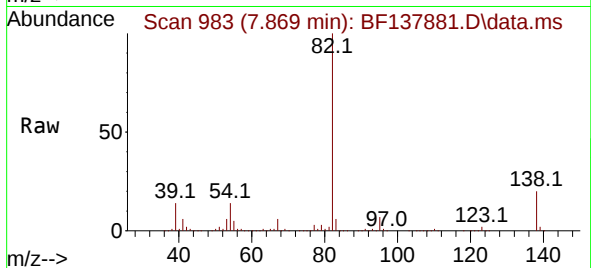
Tgt Ion: 77 Resp: 463276
Ion Ratio Lower Upper
77 100
123 50.7 37.4 56.2
65 13.2 10.7 16.1





#25
Isophorone
Concen: 41.118 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

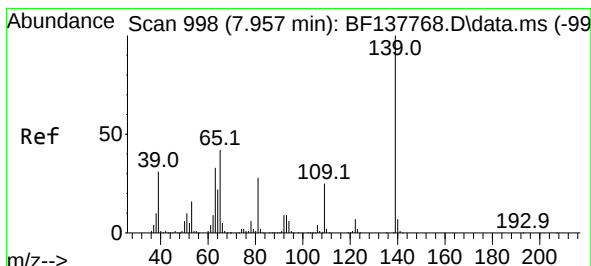
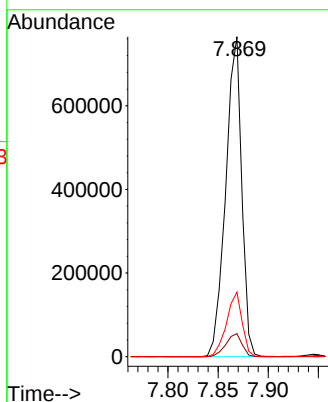
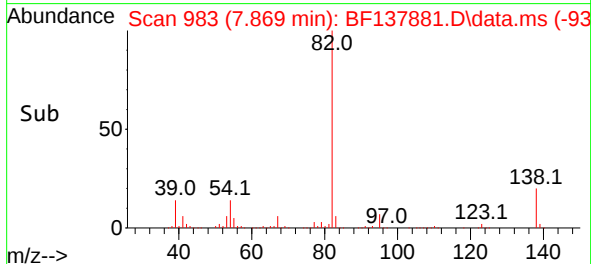
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion: 82 Resp: 844915
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 20.2 15.0 22.6

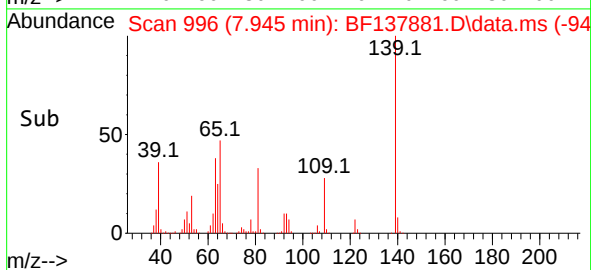
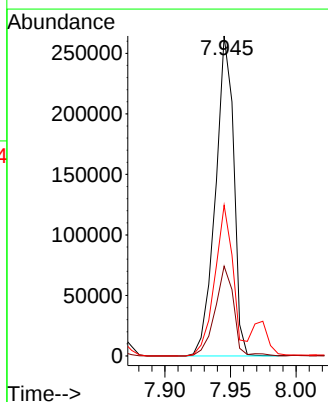
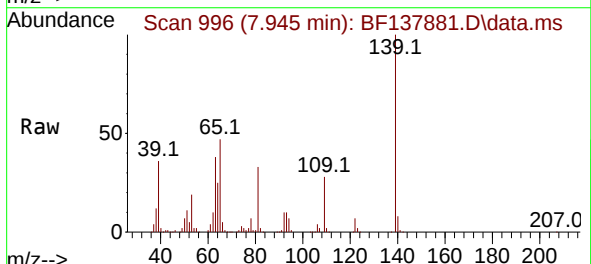
Manual Integrations
APPROVED

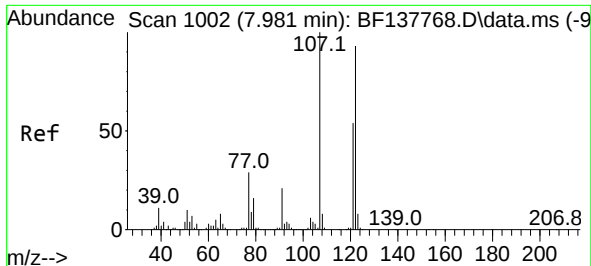
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 47.996 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:139 Resp: 255303
Ion Ratio Lower Upper
139 100
109 28.0 20.2 30.2
65 47.1 33.4 50.0





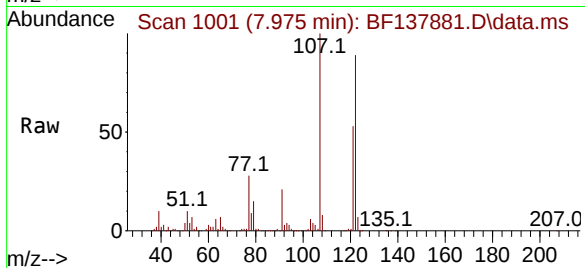
#27
2,4-Dimethylphenol
Concen: 45.052 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



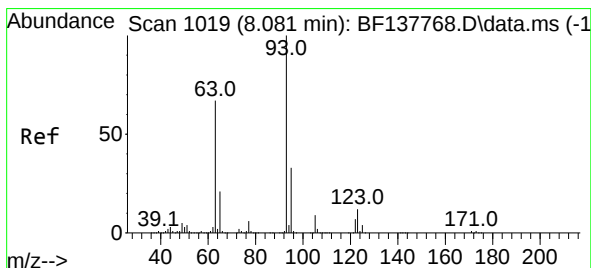
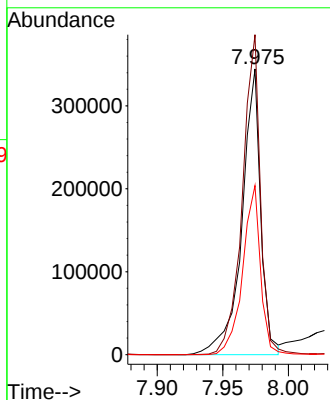
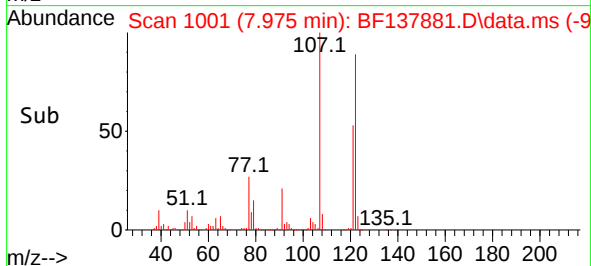
Tgt Ion:122 Resp: 34500
Ion Ratio Lower Upper
122 100
107 112.0 85.8 128.8
121 59.2 46.6 69.8

Manual Integrations

APPROVED

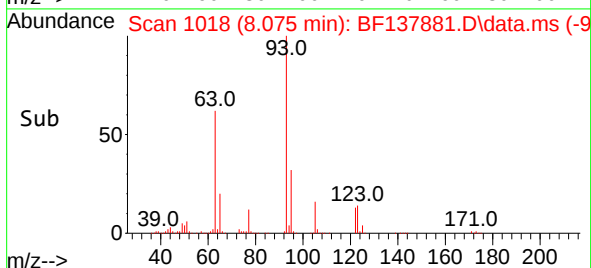
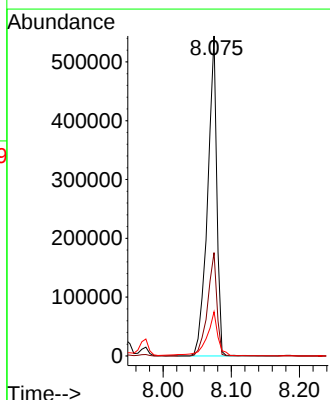
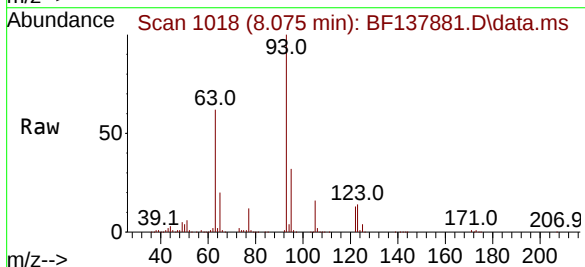
Reviewed By :Yogesh Patel 05/13/2024

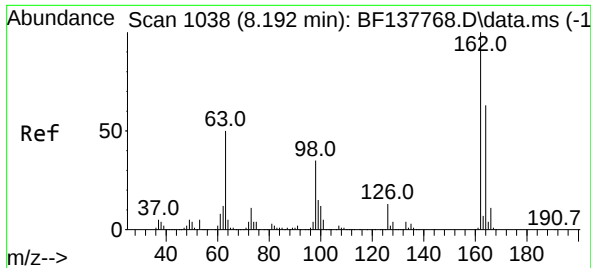
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.151 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion: 93 Resp: 511983
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 13.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.797 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

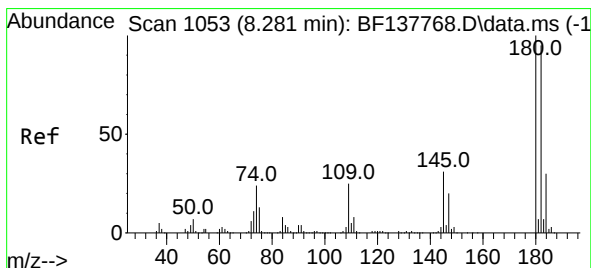
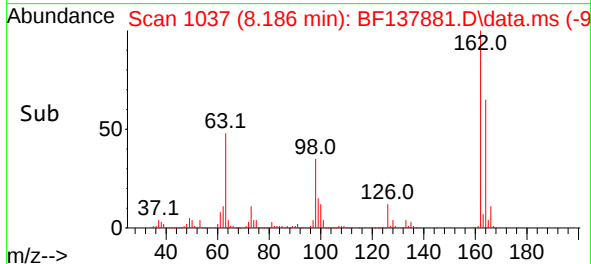
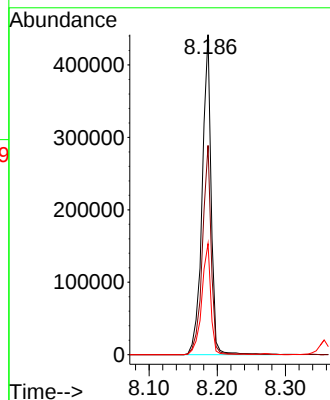
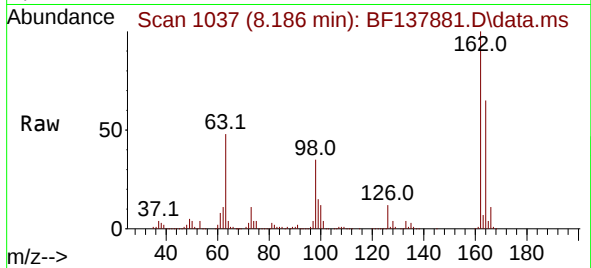
PB160847BS

Tgt Ion:162 Resp: 405382
 Ion Ratio Lower Upper
 162 100
 164 65.4 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: 42.244 ng

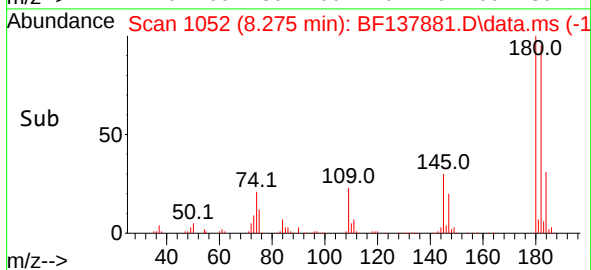
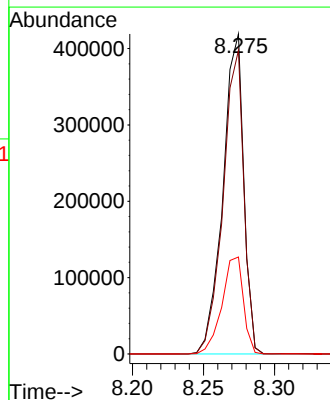
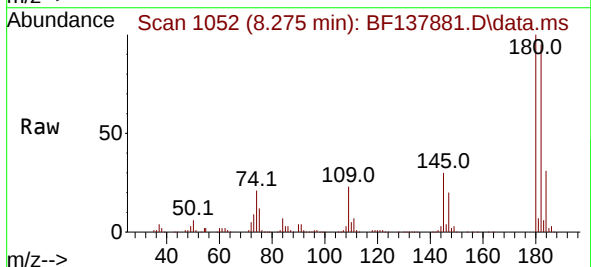
RT: 8.275 min Scan# 1052

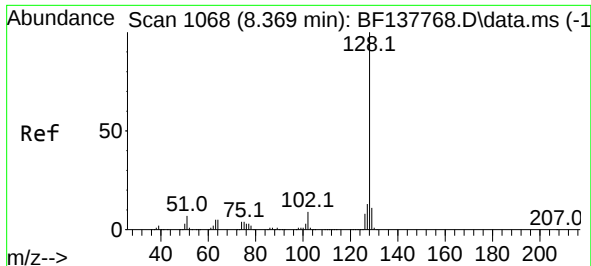
Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Tgt Ion:180 Resp: 426261
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.2
 145 30.3 25.1 37.7





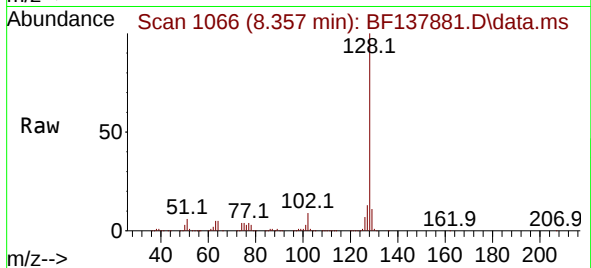
#31
Naphthalene
Concen: 42.283 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



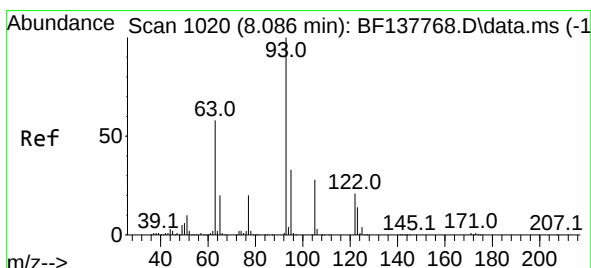
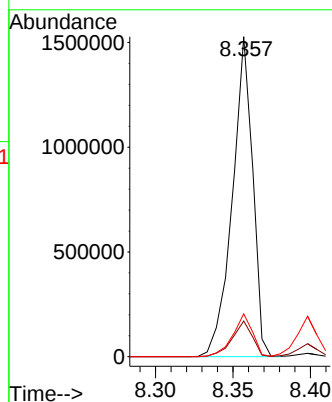
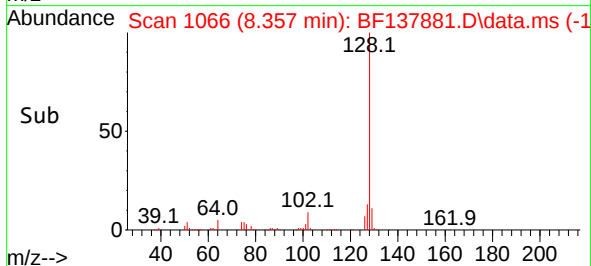
Tgt Ion:128 Resp: 1391359
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations

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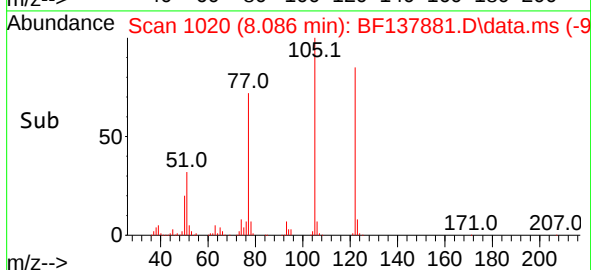
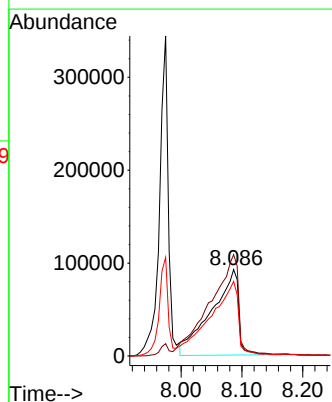
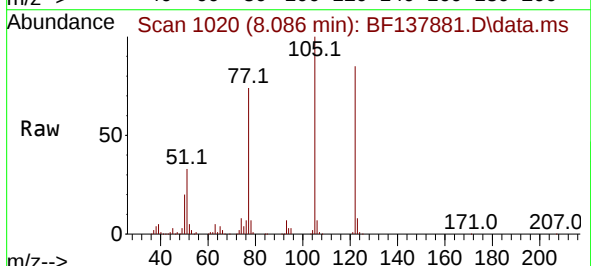
Reviewed By :Yogesh Patel 05/13/2024

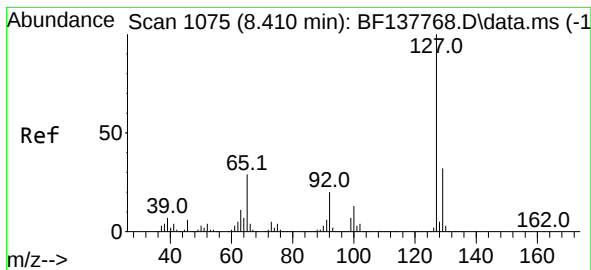
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 43.085 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:122 Resp: 284636
Ion Ratio Lower Upper
122 100
105 117.2 105.3 145.3
77 86.3 73.2 113.2





#33
4-Chloroaniline
Concen: 15.410 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

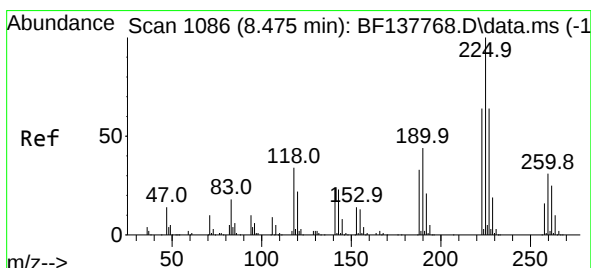
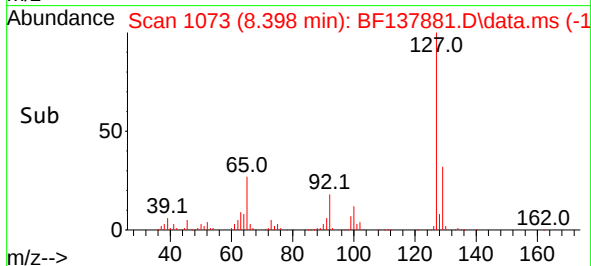
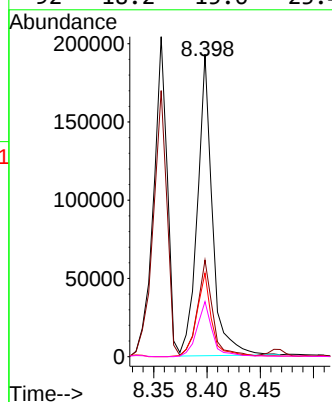
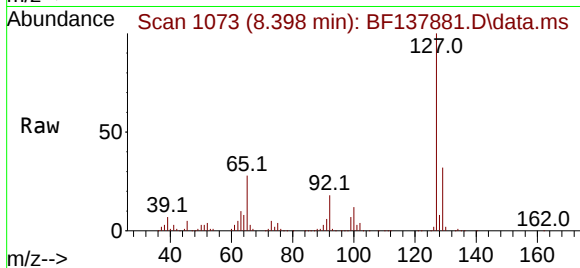
ClientSampleId :

PB160847BS

Tgt Ion:127 Resp: 18803
Ion Ratio Lower Upper
127 100
129 32.0 25.7 38.5
65 27.6 23.4 35.2
92 18.2 15.6 23.4

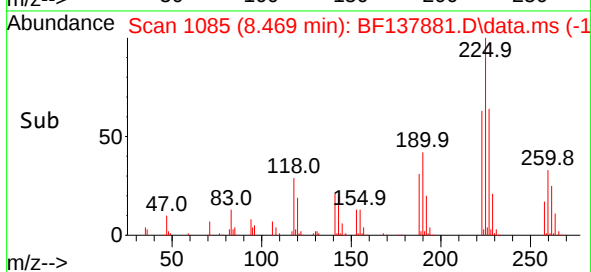
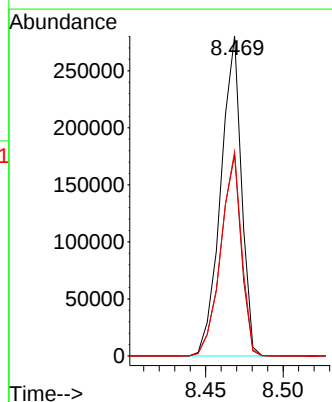
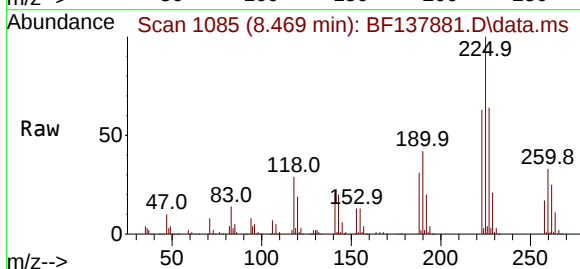
Manual Integrations
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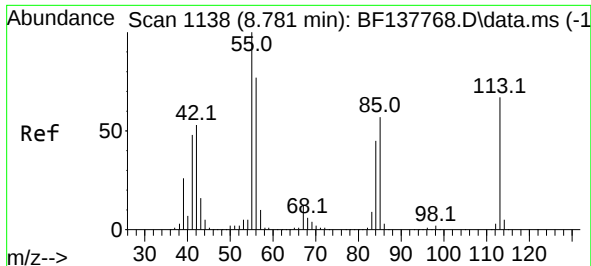
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 41.913 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:225 Resp: 259651
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 63.9 51.4 77.0





#35
 Caprolactam
 Concen: 45.735 ng m
 RT: 8.769 min Scan# 1136
 Delta R.T. -0.012 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Instrument :

BNA_F

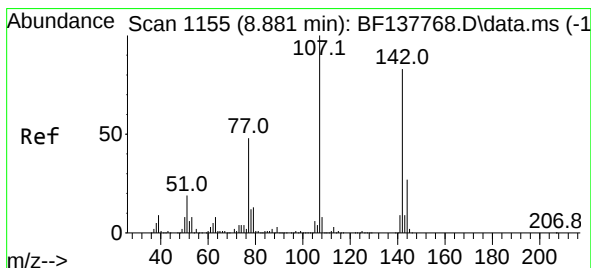
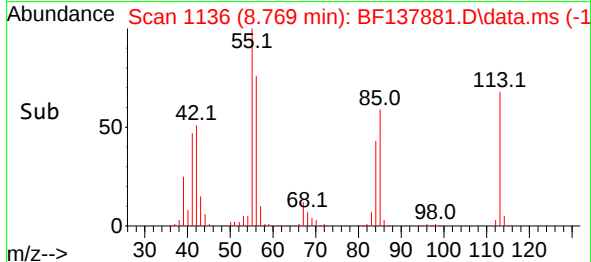
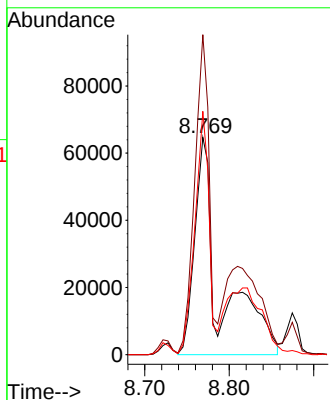
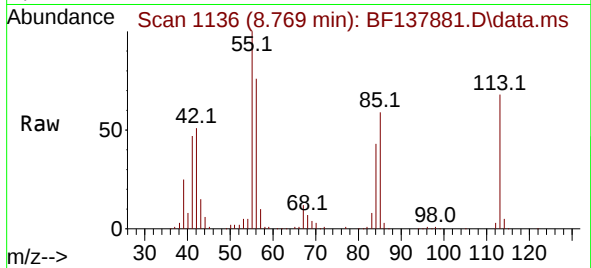
ClientSampleId :

PB160847BS

Tgt Ion:113 Resp: 134120
 Ion Ratio Lower Upper
 113 100
 55 147.3 128.7 168.7
 56 112.0 93.9 133.9

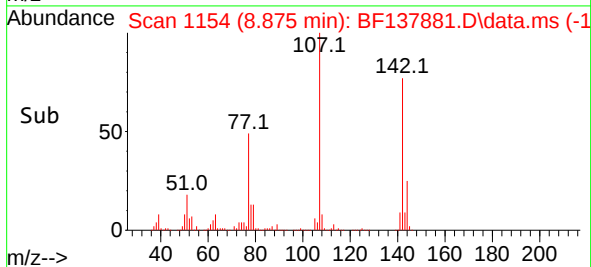
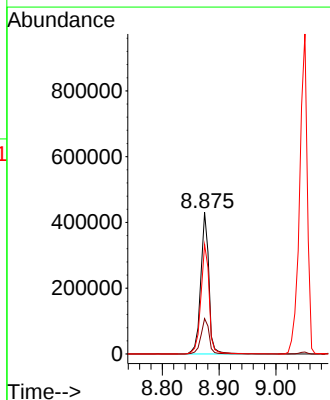
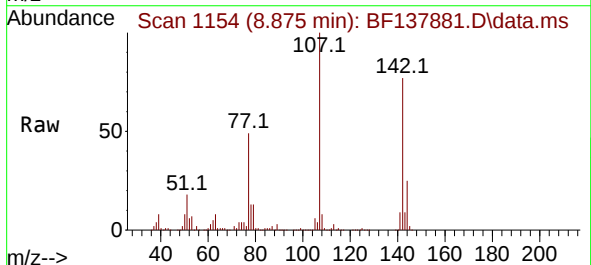
Manual Integrations
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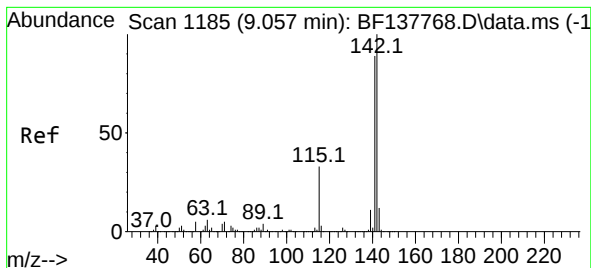
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024



#36
 4-Chloro-3-methylphenol
 Concen: 44.216 ng
 RT: 8.875 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion:107 Resp: 426796
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.4 32.0
 142 77.3 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.652 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

Tgt Ion:142 Resp: 908479

Ion Ratio Lower Upper

142 100

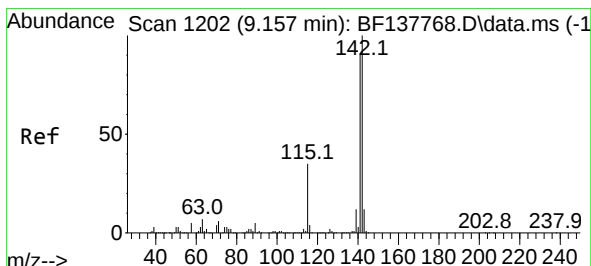
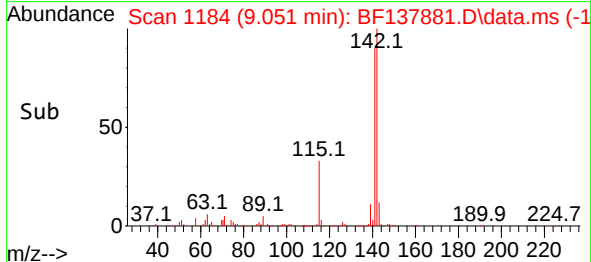
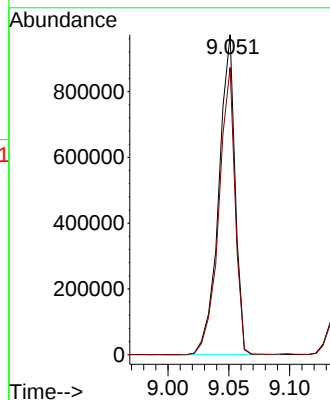
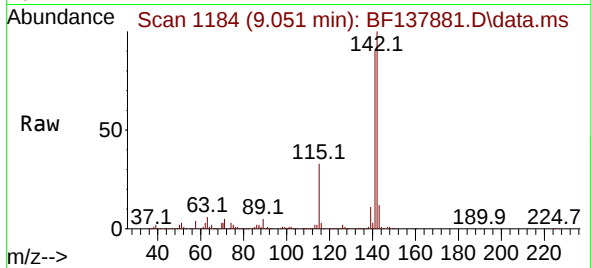
141 89.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

1-Methylnaphthalene

Concen: 40.727 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137881.D

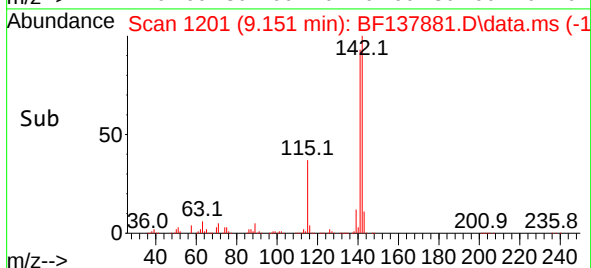
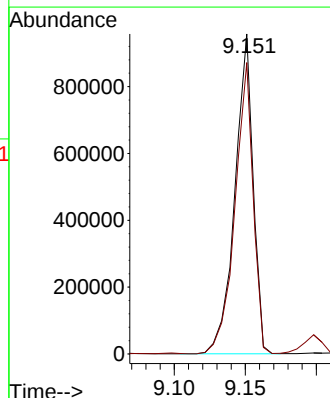
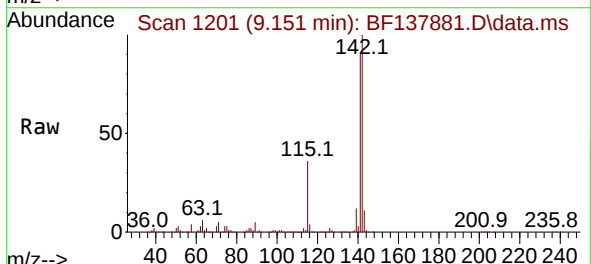
Acq: 10 May 2024 15:17

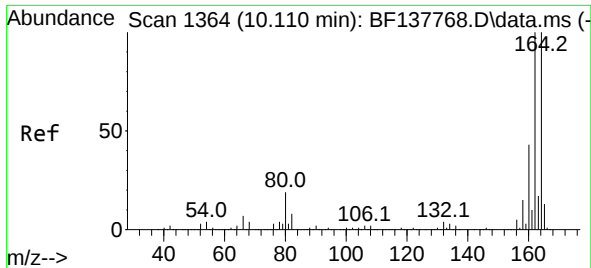
Tgt Ion:142 Resp: 853456

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7





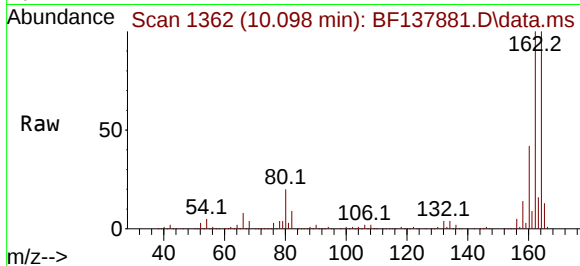
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



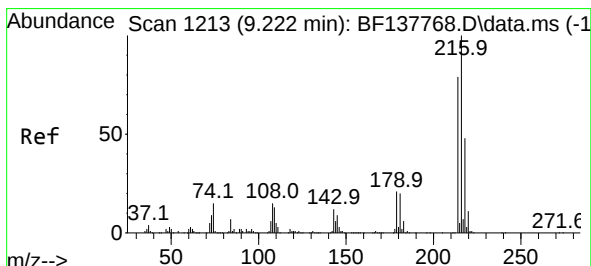
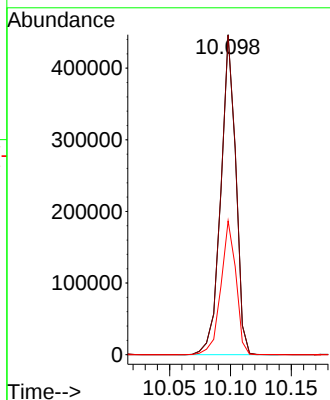
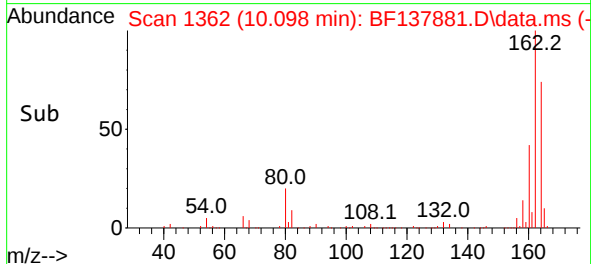
Tgt Ion:164 Resp: 382223
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.6
160 41.8 34.4 51.6

Manual Integrations

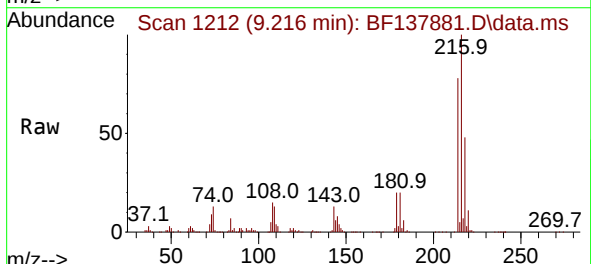
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

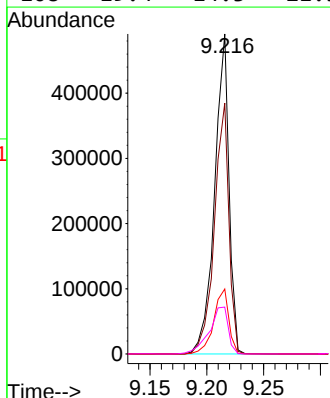
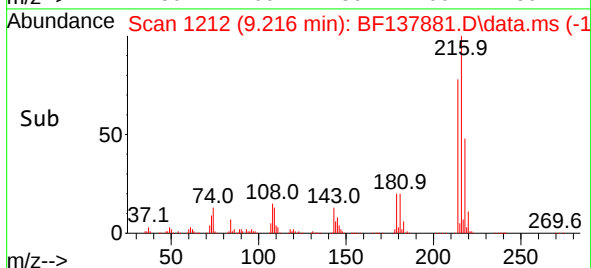
Supervised By :mohammad ahmed 05/13/2024

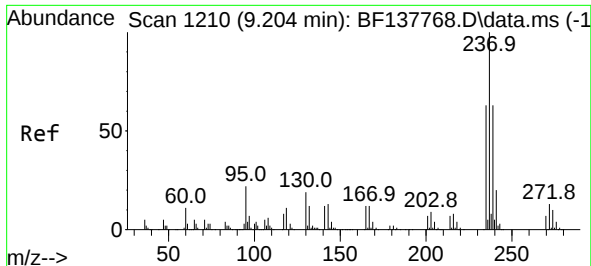


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.744 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



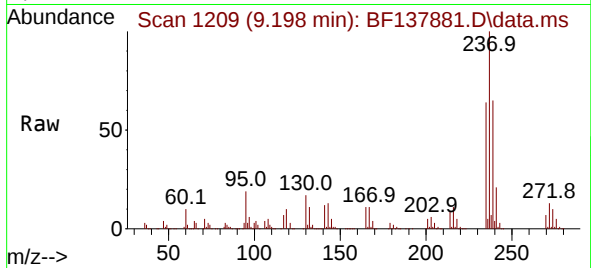
Tgt Ion:216 Resp: 432711
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 21.3 16.8 25.2
108 19.4 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 114.353 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

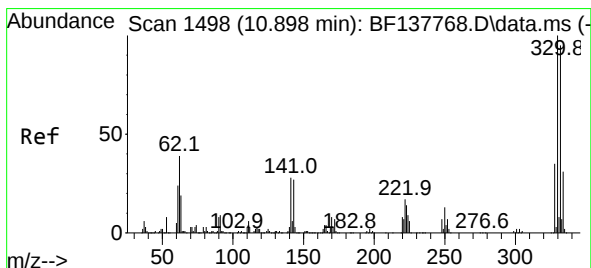
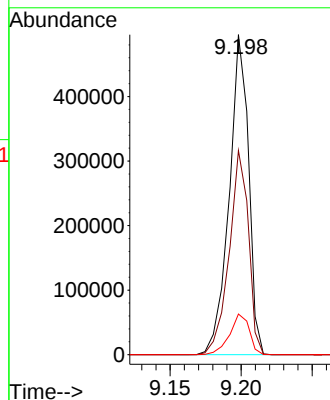
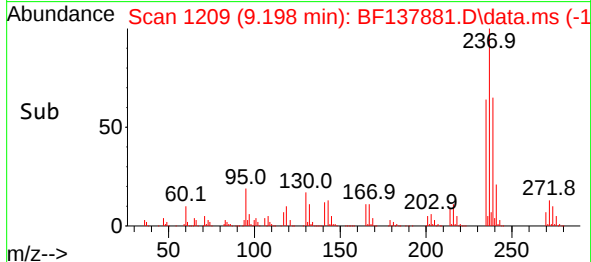
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:237 Resp: 470204
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 12.7 0.0 32.8

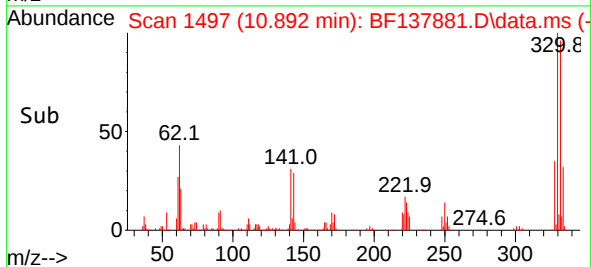
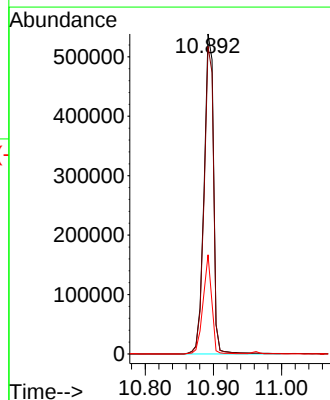
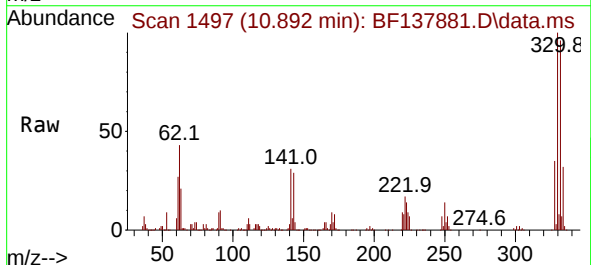
Manual Integrations
APPROVED

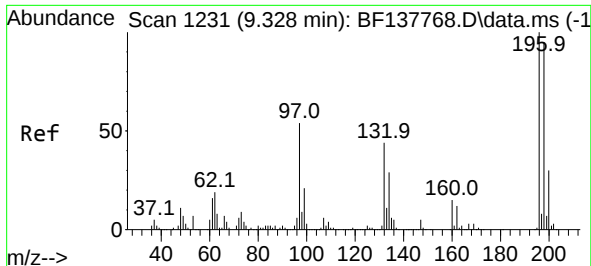
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#42
2,4,6-Tribromophenol
Concen: 134.103 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:330 Resp: 523351
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 28.1 23.8 35.6





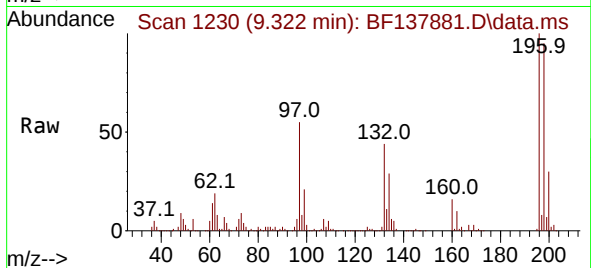
#43
2,4,6-Trichlorophenol
Concen: 42.887 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



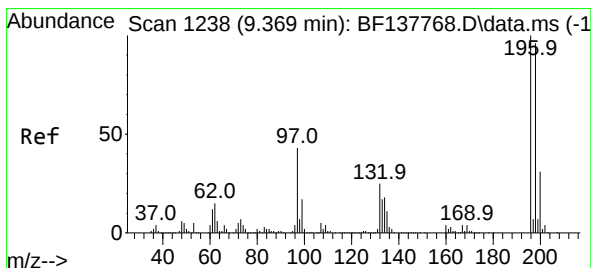
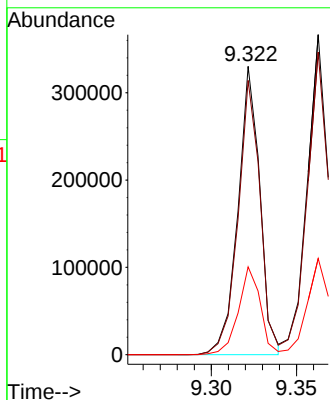
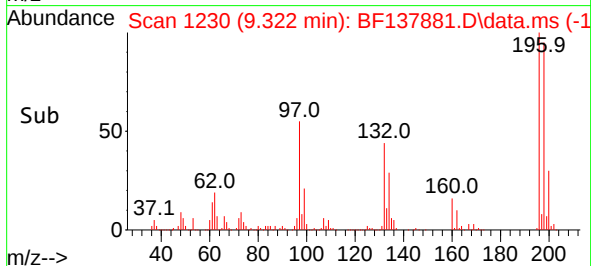
Tgt Ion:196 Resp: 29553
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.4
200 30.5 24.2 36.2

Manual Integrations

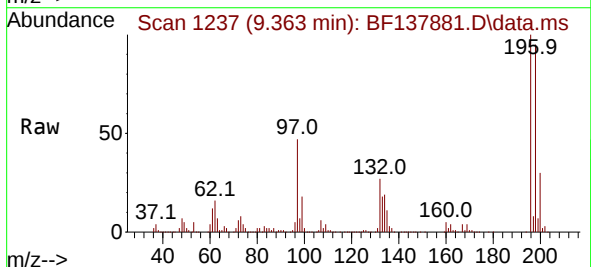
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

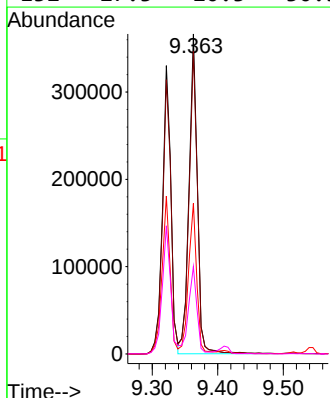
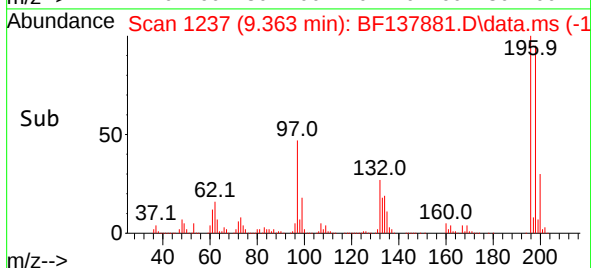
Supervised By :mohammad ahmed 05/13/2024

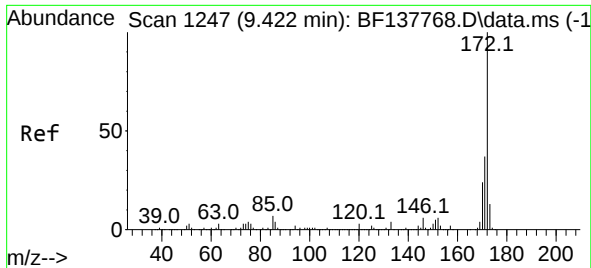


#44
2,4,5-Trichlorophenol
Concen: 42.748 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:196 Resp: 325274
Ion Ratio Lower Upper
196 100
198 94.5 76.6 114.8
97 47.0 34.5 51.7
132 27.3 20.3 30.5





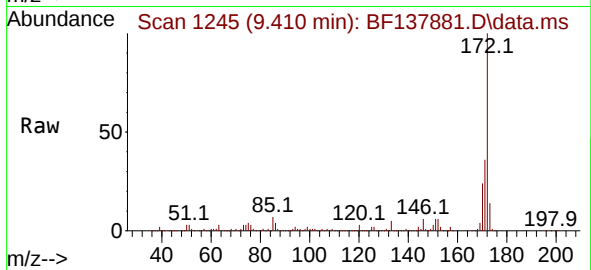
#45
2-Fluorobiphenyl
Concen: 82.995 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

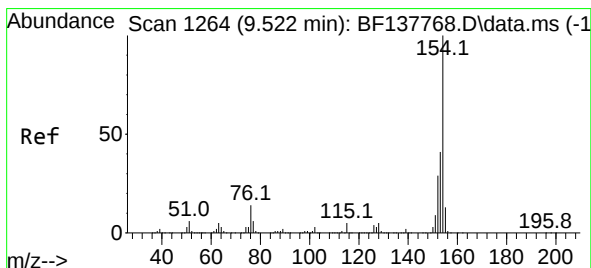
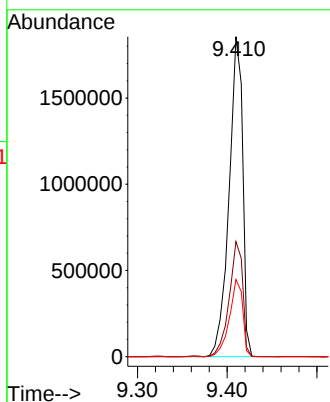
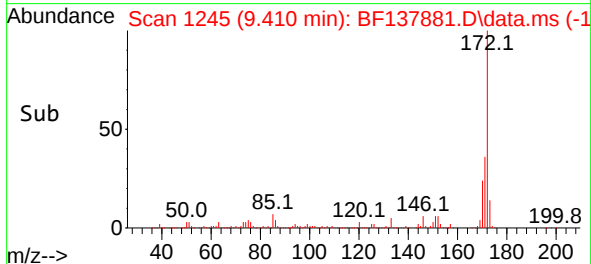


Tgt Ion:172 Resp: 195534
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.4 29.2

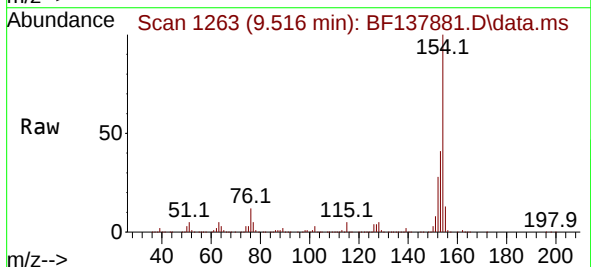
Manual Integrations

APPROVED

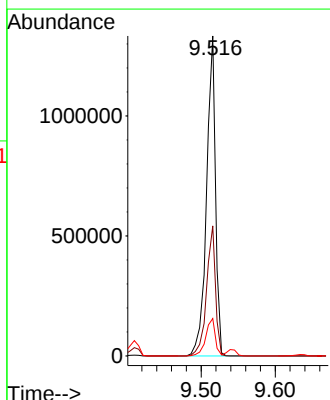
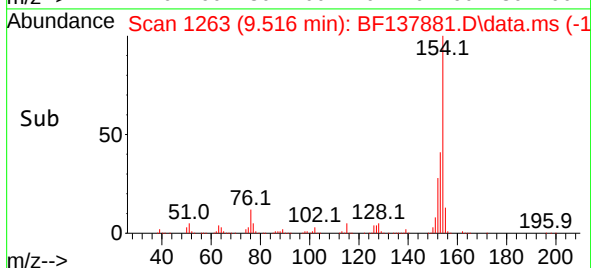
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

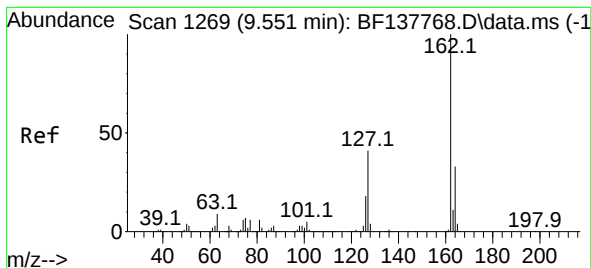


#46
1,1'-Biphenyl
Concen: 42.785 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:154 Resp: 1122298
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 11.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 41.226 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF137881.D

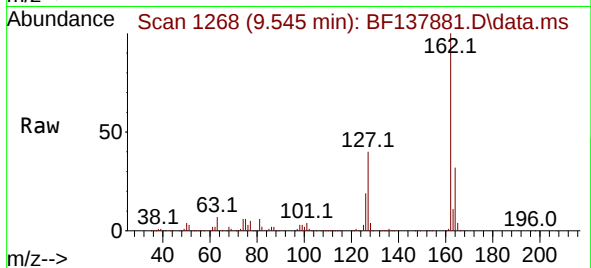
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



Tgt Ion:162 Resp: 873080

Ion Ratio Lower Upper

162 100

127 39.9 32.6 49.0

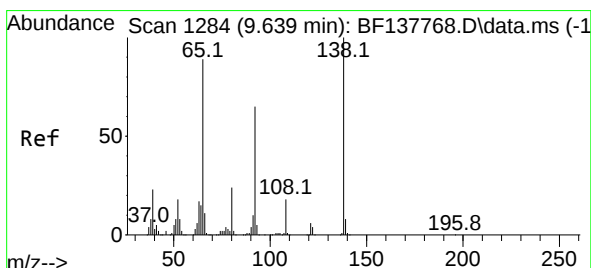
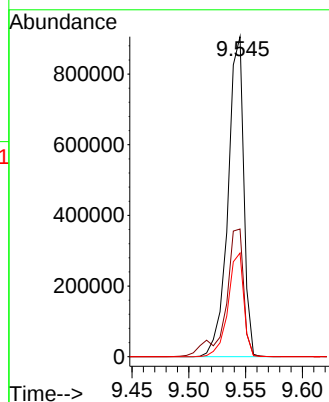
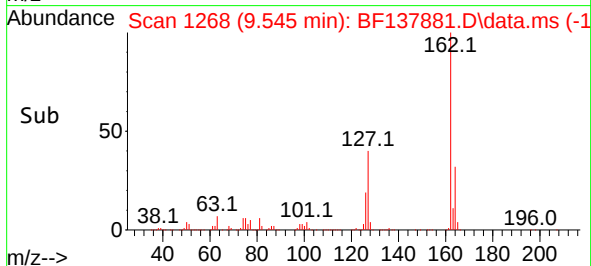
164 32.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#48

2-Nitroaniline

Concen: 43.939 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

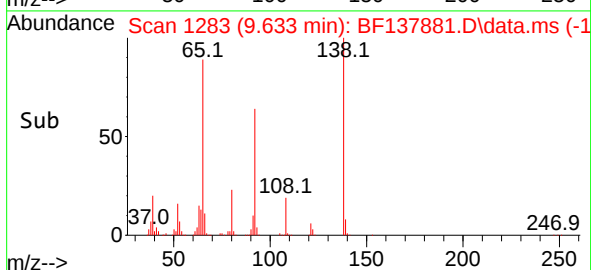
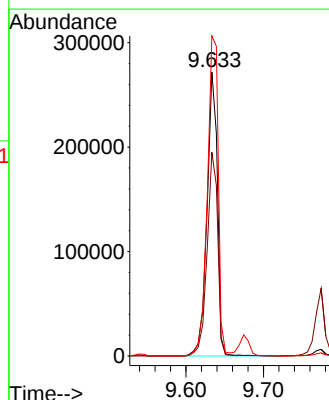
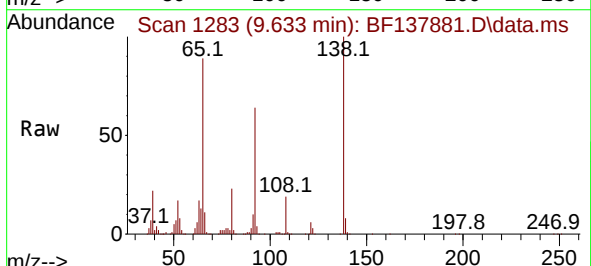
Tgt Ion: 65 Resp: 252368

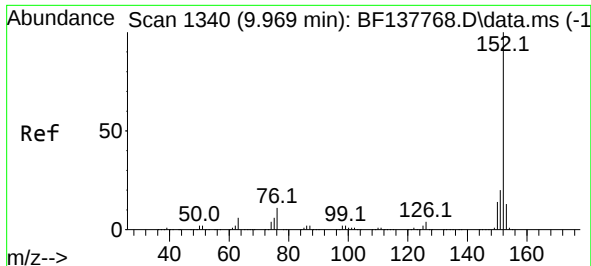
Ion Ratio Lower Upper

65 100

92 71.7 58.6 88.0

138 112.7 90.3 135.5





#49
Acenaphthylene
Concen: 45.719 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

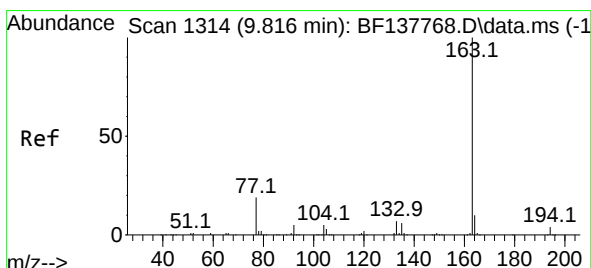
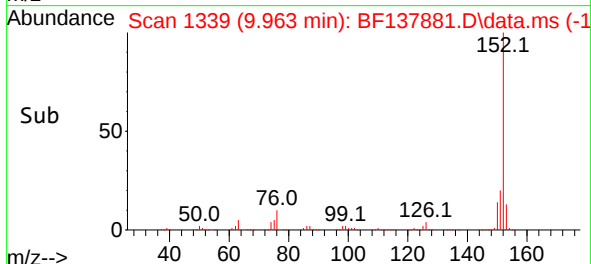
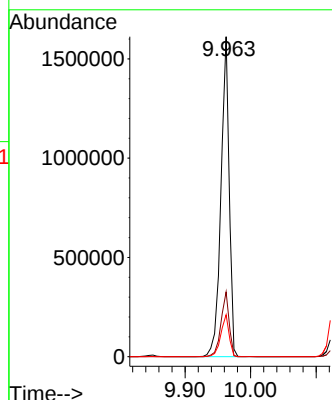
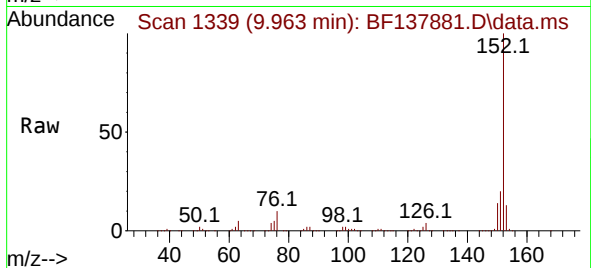
PB160847BS

Tgt Ion:152 Resp: 140062
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 10.8 16.2

Manual Integrations

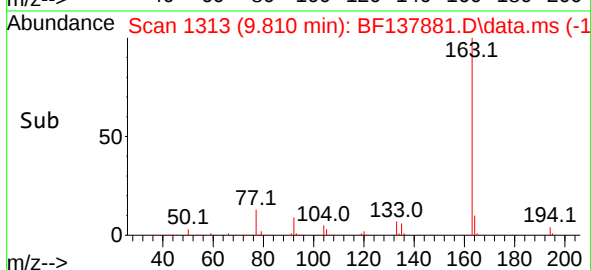
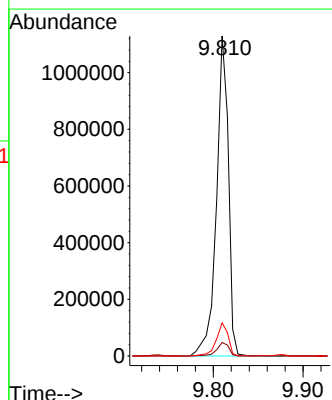
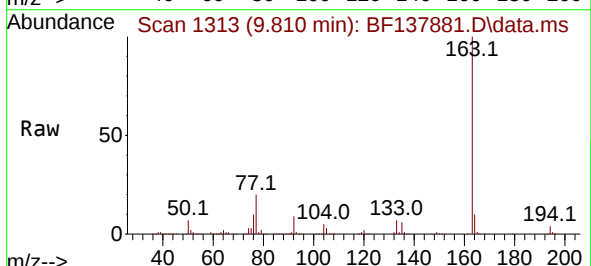
APPROVED

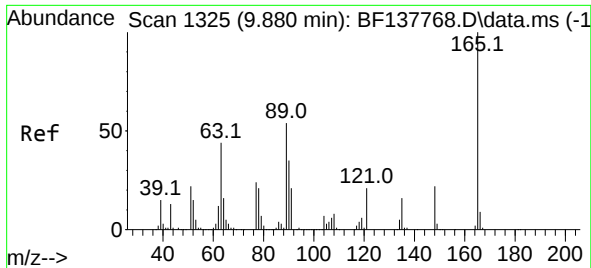
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#50
Dimethylphthalate
Concen: 43.148 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:163 Resp: 1041130
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.3 12.5





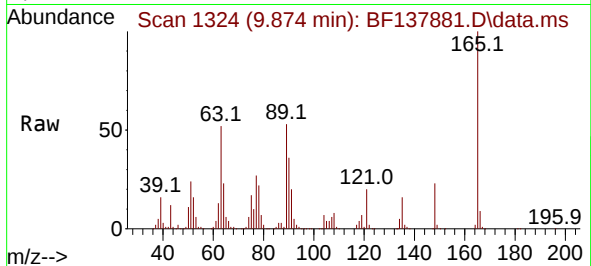
#51
2,6-Dinitrotoluene
Concen: 42.560 ng
RT: 9.874 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



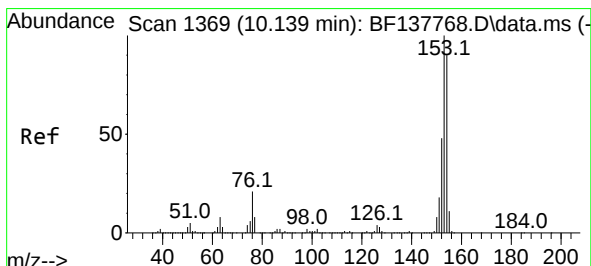
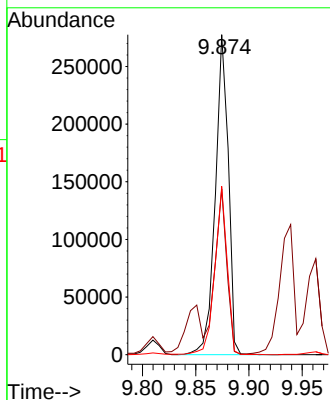
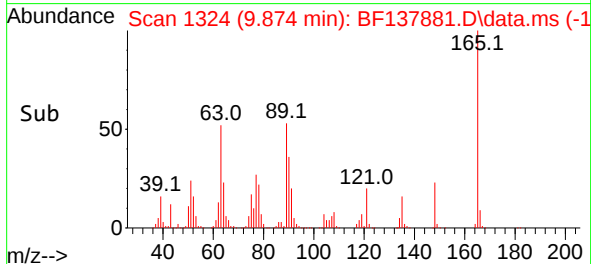
Tgt Ion:165 Resp: 234692
Ion Ratio Lower Upper
165 100
63 51.8 41.9 62.9
89 52.6 43.2 64.8

Manual Integrations

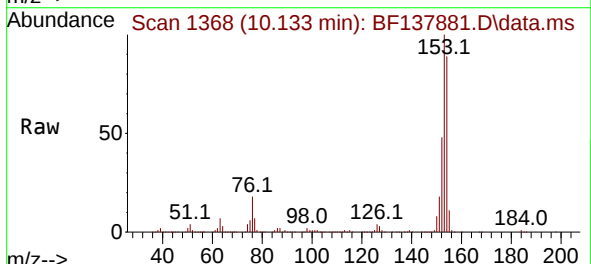
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

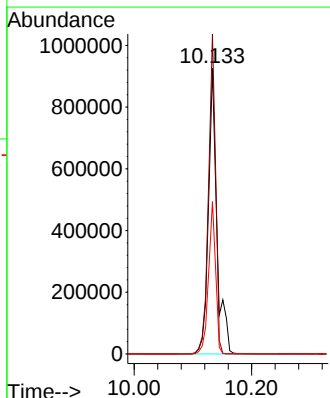
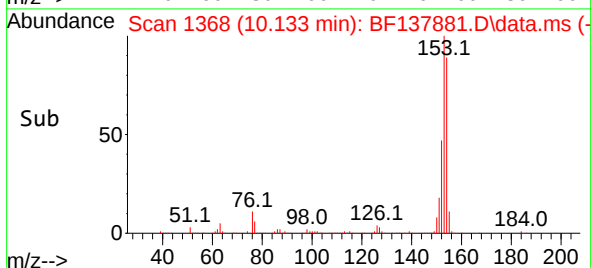
Supervised By :mohammad ahmed 05/13/2024

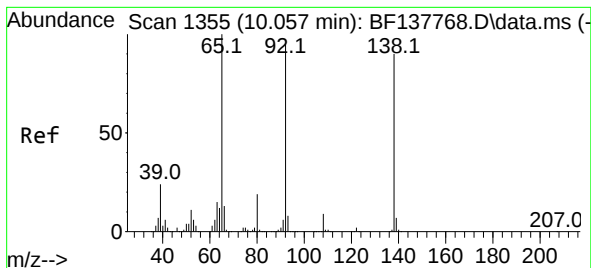


#52
Acenaphthene
Concen: 46.168 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:154 Resp: 937510
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 53.3 42.8 64.2





#53
3-Nitroaniline
Concen: 28.032 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

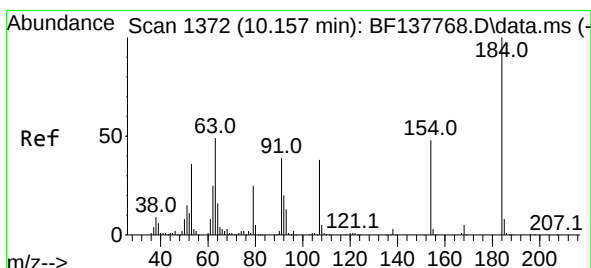
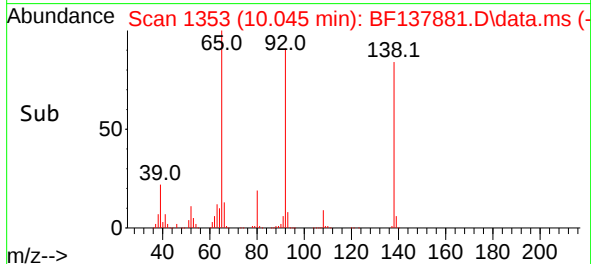
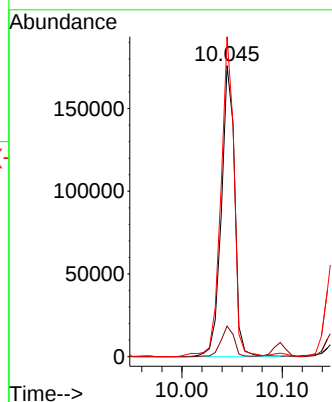
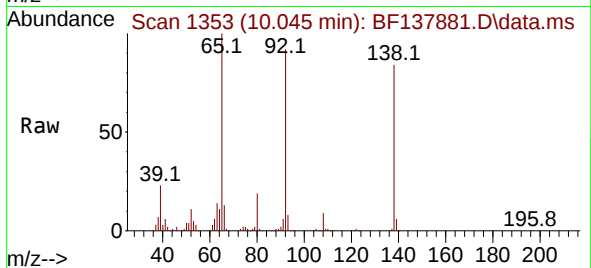
PB160847BS

Tgt Ion:138 Resp: 161874
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 109.9 84.6 126.8

Manual Integrations

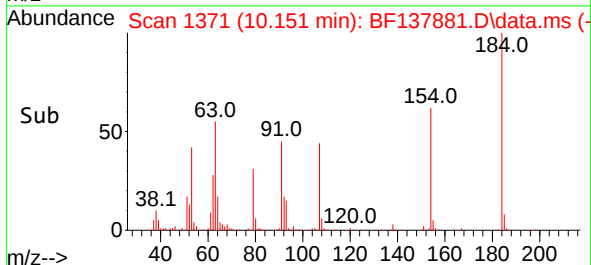
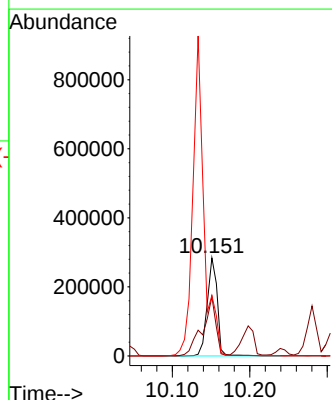
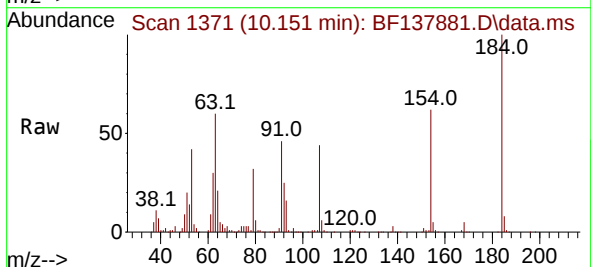
APPROVED

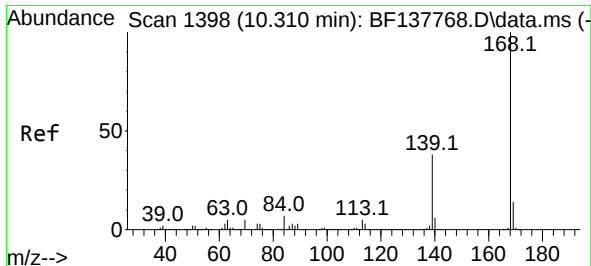
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#54
2,4-Dinitrophenol
Concen: 94.815 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

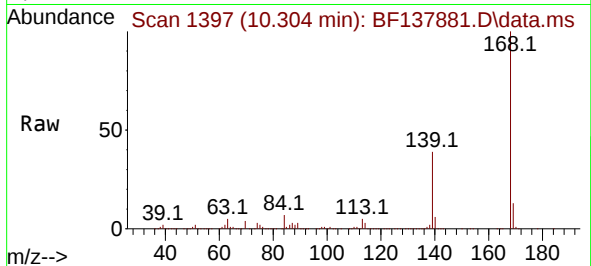
Tgt Ion:184 Resp: 256901
Ion Ratio Lower Upper
184 100
63 60.4 40.3 60.5
154 61.7 45.2 67.8





#55
Dibenzenofuran
Concen: 42.826 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

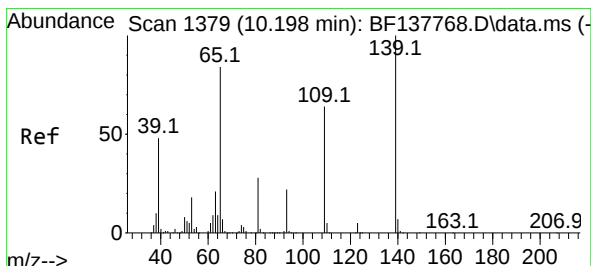
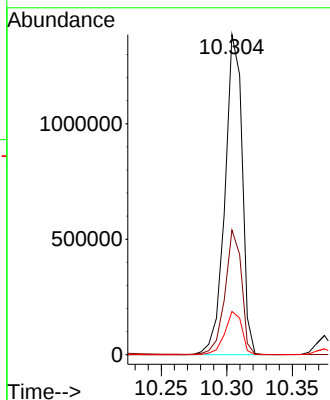
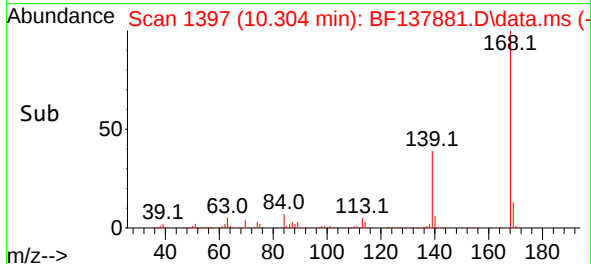
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:168 Resp: 126552
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 13.5 11.4 17.0

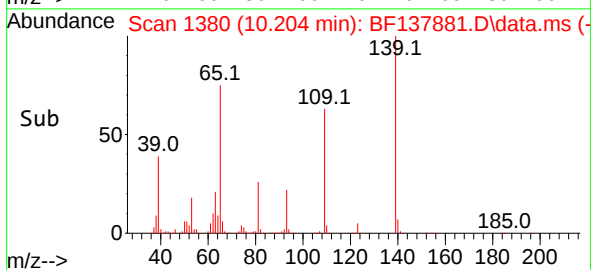
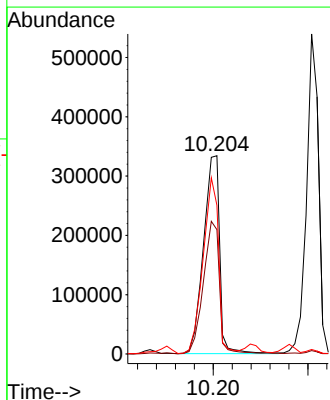
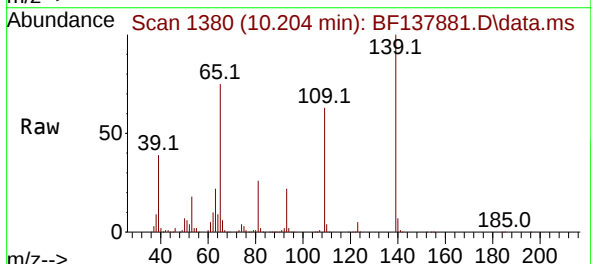
Manual Integrations
APPROVED

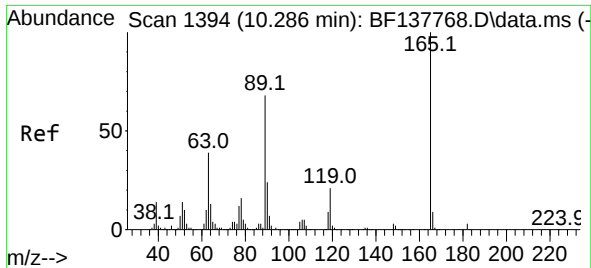
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 82.953 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:139 Resp: 397017
Ion Ratio Lower Upper
139 100
109 62.7 44.0 84.0
65 75.0 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 45.841 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

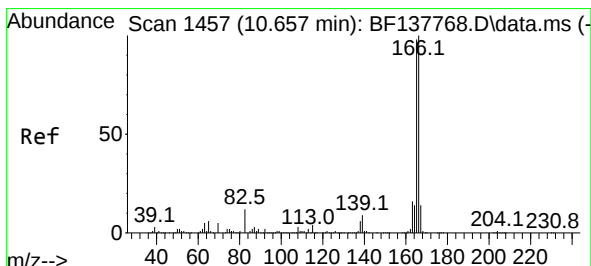
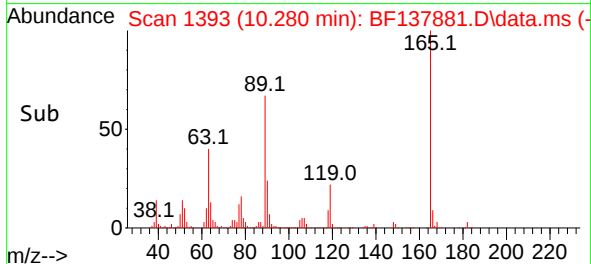
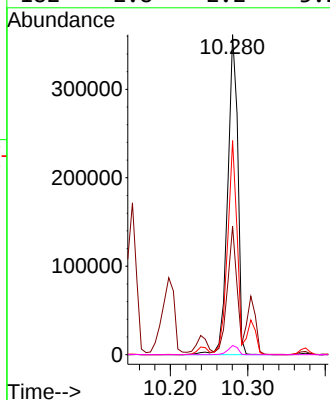
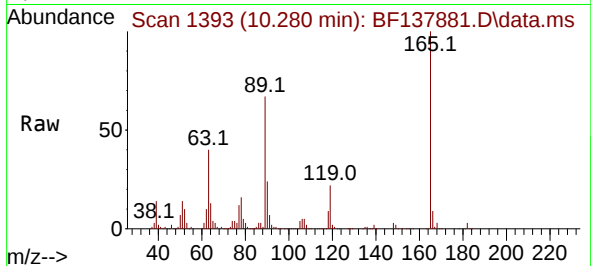
ClientSampleId :

PB160847BS

Tgt Ion:165 Resp: 33024
Ion Ratio Lower Upper
165 100
63 40.1 31.3 46.9
89 66.9 54.2 81.4
182 2.8 2.2 3.2

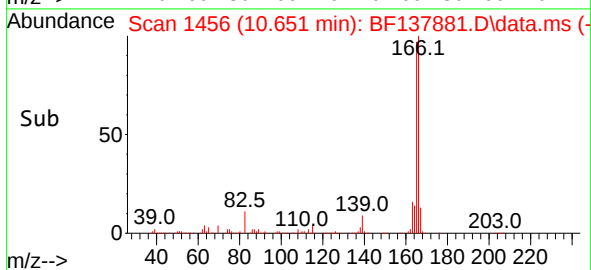
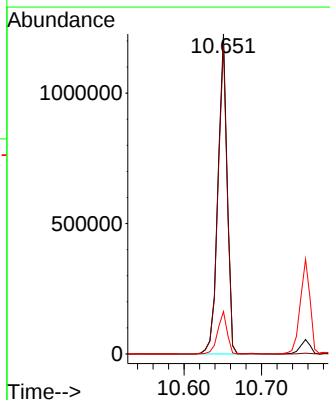
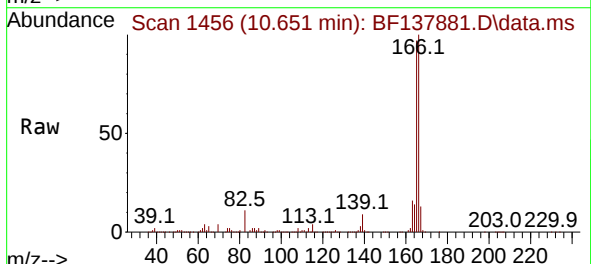
Manual Integrations
APPROVED

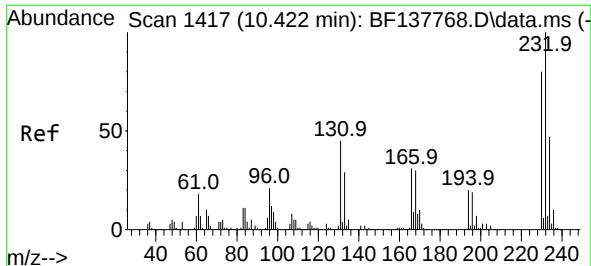
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#58
Fluorene
Concen: 43.050 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

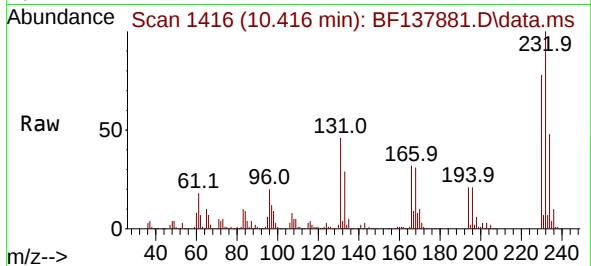
Tgt Ion:166 Resp: 1012457
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.2
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.414 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

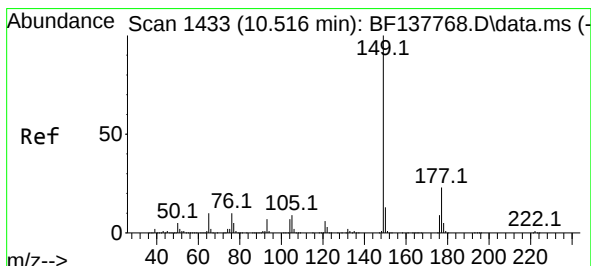
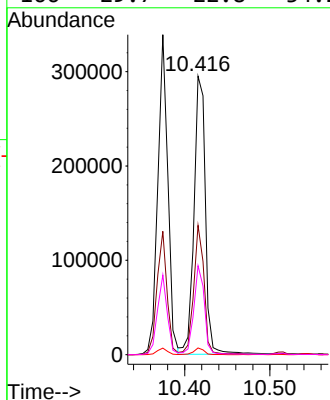
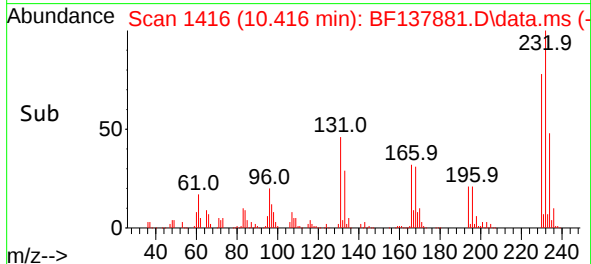
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:232 Resp: 274361
Ion Ratio Lower Upper
232 100
131 42.0 33.4 50.0
130 2.2 1.7 2.5
166 29.7 22.8 34.2

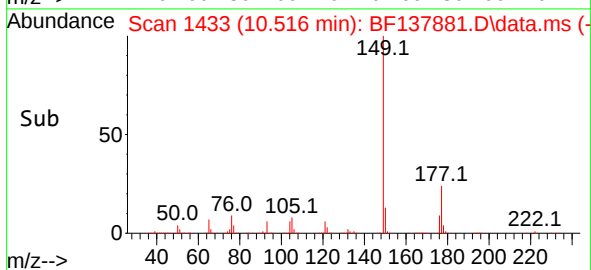
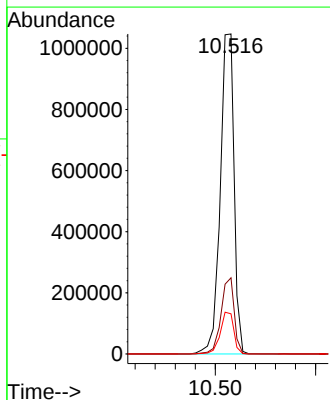
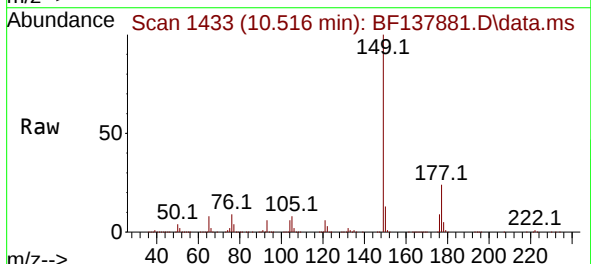
Manual Integrations
APPROVED

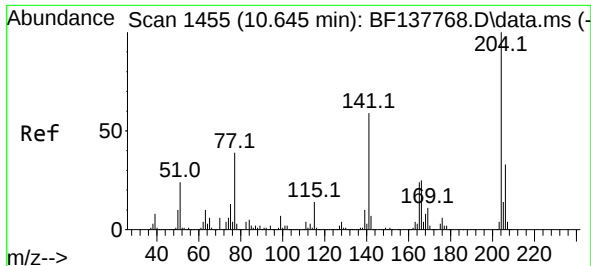
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 43.649 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:149 Resp: 1000297
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.6 10.5 15.7





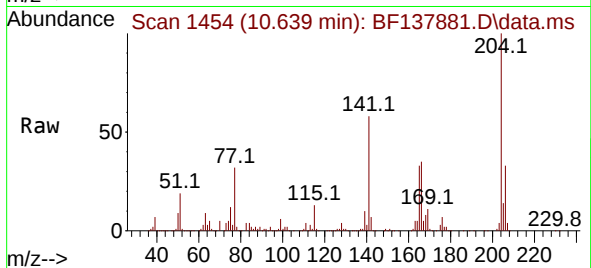
#61
4-Chlorophenyl-phenylether
Concen: 42.315 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



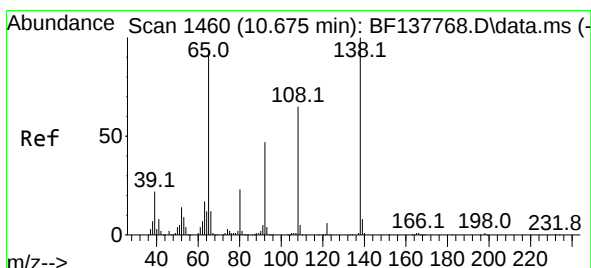
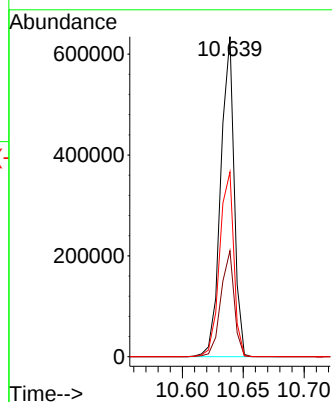
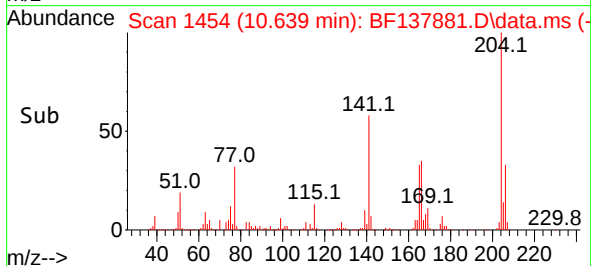
Tgt Ion:204 Resp: 490338
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.7 47.0 70.6

Manual Integrations

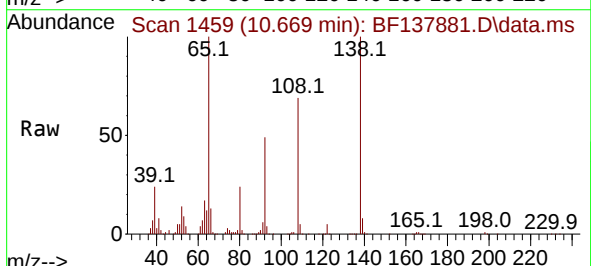
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

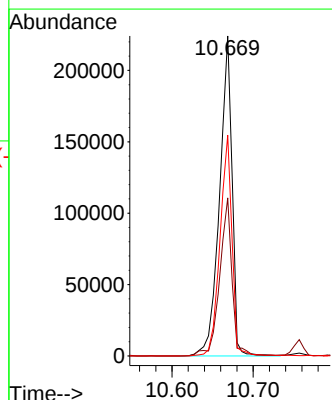
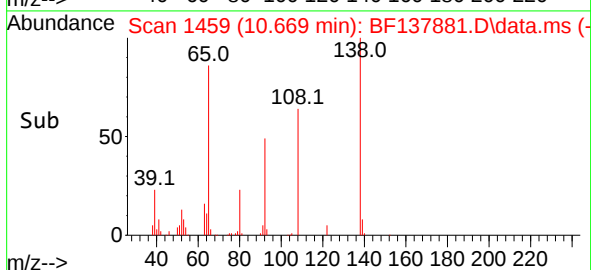
Supervised By :mohammad ahmed 05/13/2024

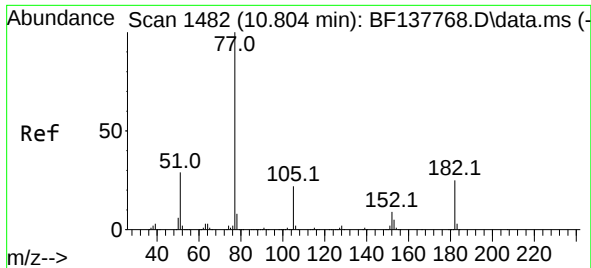


#62
4-Nitroaniline
Concen: 41.287 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:138 Resp: 241829
Ion Ratio Lower Upper
138 100
92 49.4 26.8 66.8
108 69.0 44.7 84.7





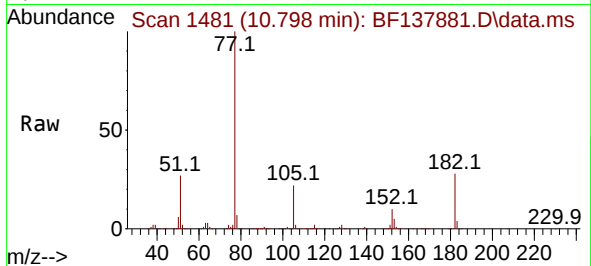
#63
Azobenzene
Concen: 41.949 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



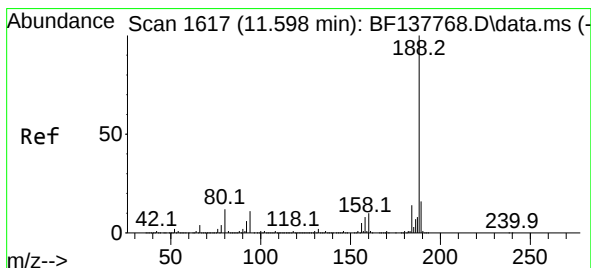
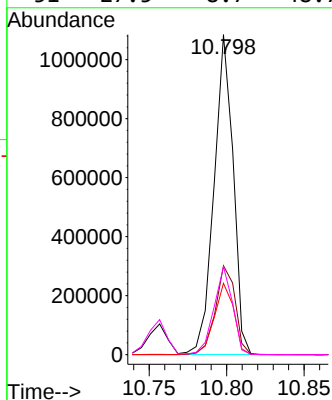
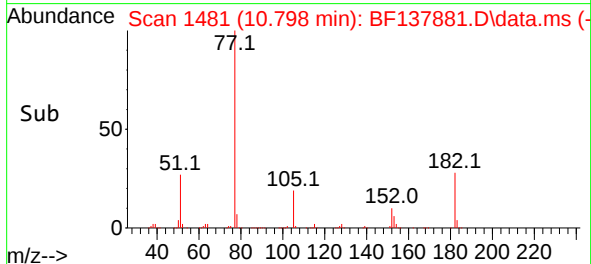
Tgt Ion: 77 Resp: 929130
Ion Ratio Lower Upper
77 100
182 27.8 5.1 45.1
105 22.3 2.2 42.2
51 27.5 8.7 48.7

Manual Integrations

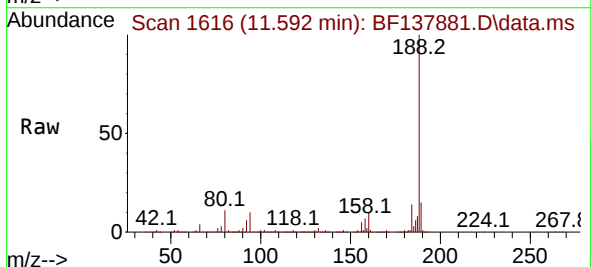
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

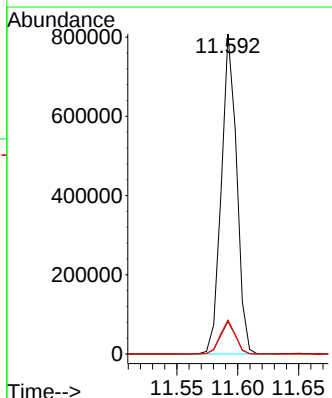
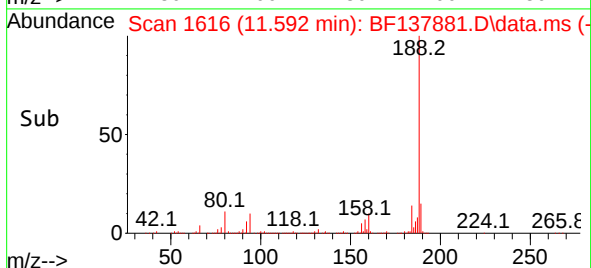
Supervised By :mohammad ahmed 05/13/2024

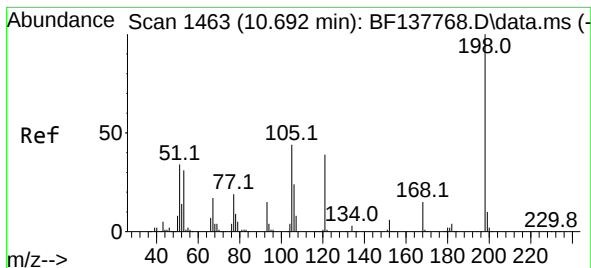


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



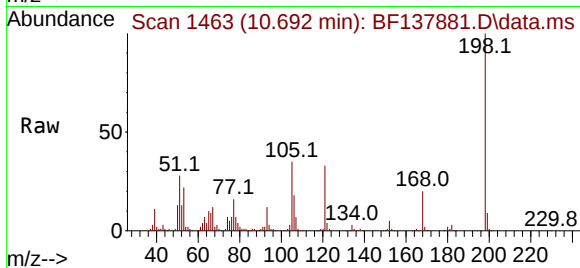
Tgt Ion:188 Resp: 708935
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 10.6 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 44.891 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

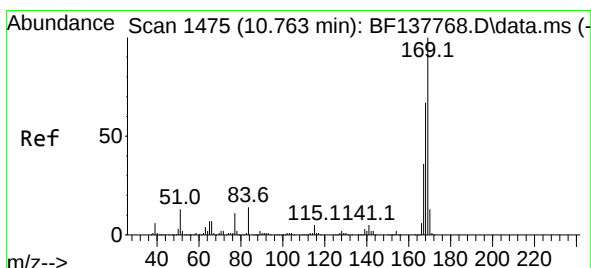
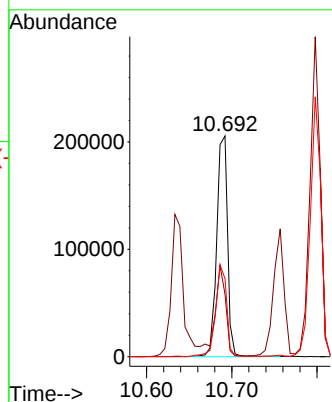
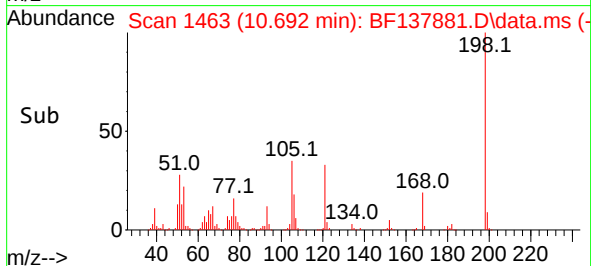
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:198 Resp: 182661
Ion Ratio Lower Upper
198 100
51 28.3 25.1 65.1
105 35.3 24.1 64.1

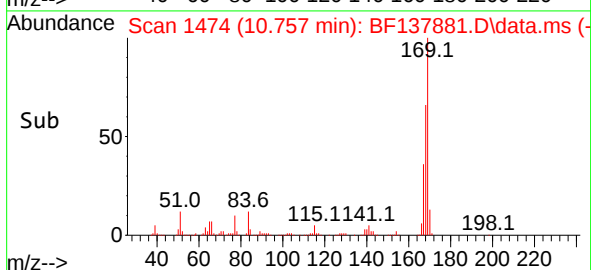
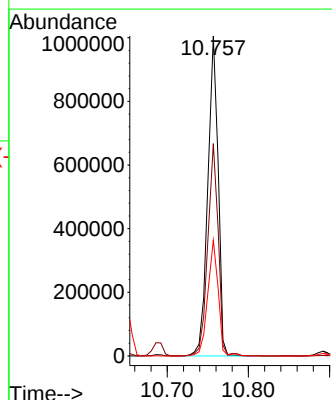
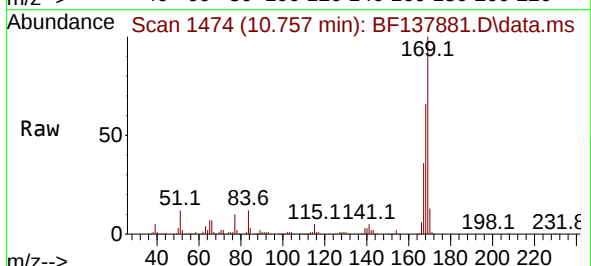
Manual Integrations
APPROVED

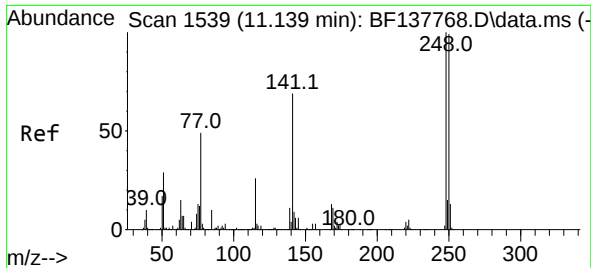
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#66
n-Nitrosodiphenylamine
Concen: 41.763 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:169 Resp: 886256
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 36.2 29.2 43.8





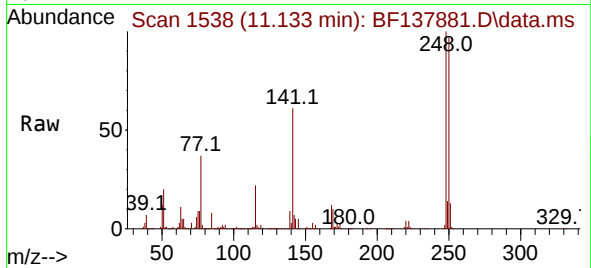
#67
4-Bromophenyl-phenylether
Concen: 42.567 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

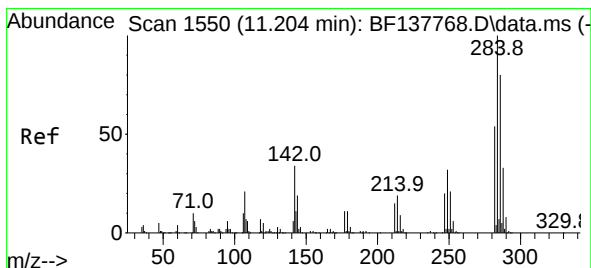
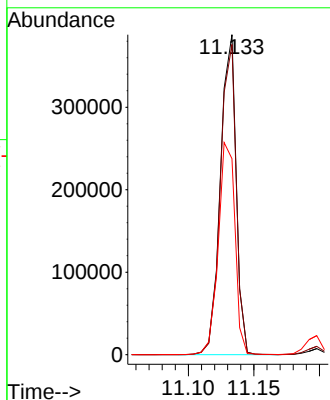
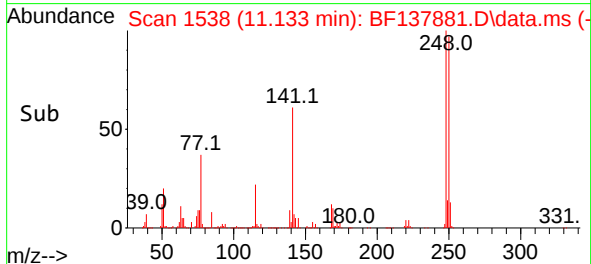


Tgt Ion:248 Resp: 322960
Ion Ratio Lower Upper
248 100
250 97.0 79.1 118.7
141 61.3 55.4 83.2

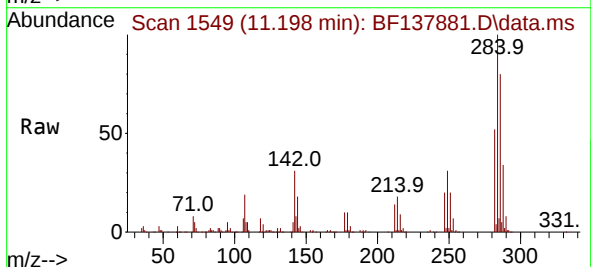
Manual Integrations

APPROVED

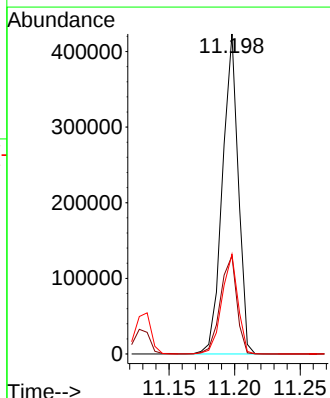
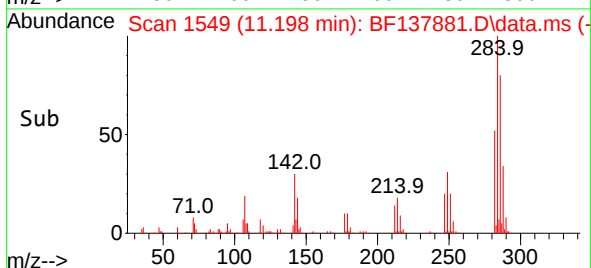
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

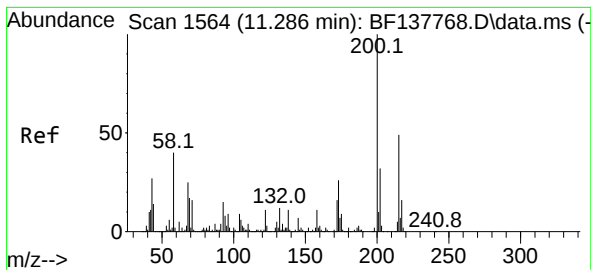


#68
Hexachlorobenzene
Concen: 42.783 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:284 Resp: 354730
Ion Ratio Lower Upper
284 100
142 30.7 27.3 40.9
249 31.1 25.6 38.4





#69

Atrazine

Concen: 47.826 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

Tgt Ion:200 Resp: 309458

Ion Ratio Lower Upper

200 100

173 27.5 5.9 45.9

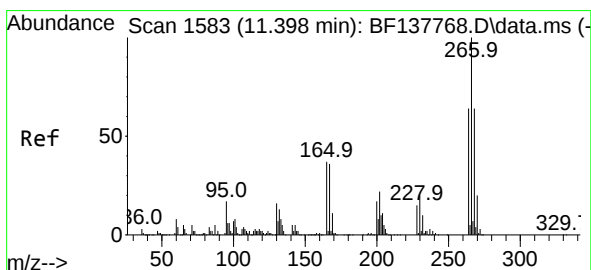
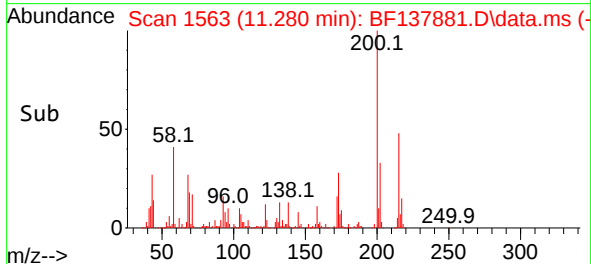
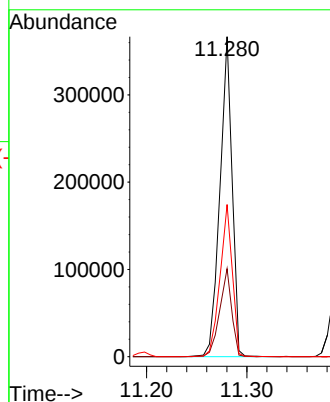
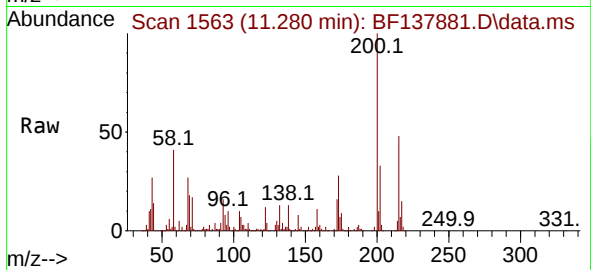
215 47.5 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 78.272 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

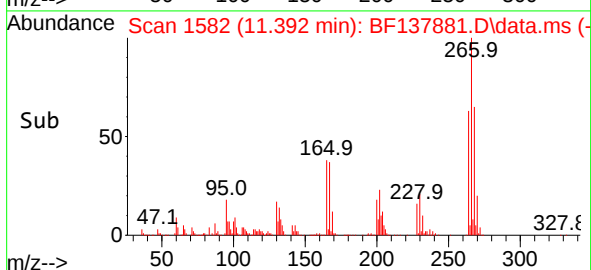
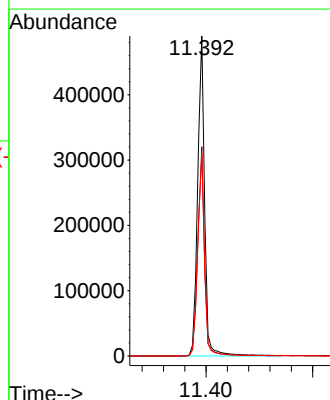
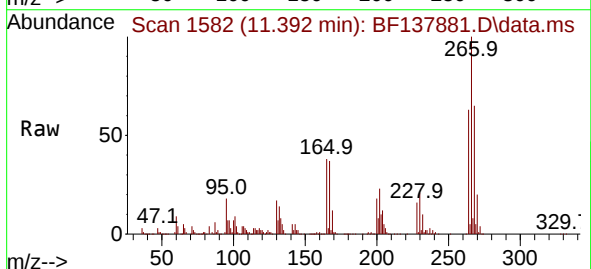
Tgt Ion:266 Resp: 445550

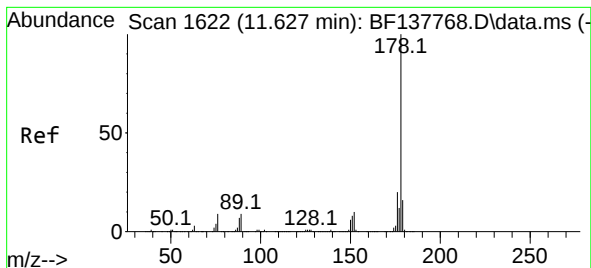
Ion Ratio Lower Upper

266 100

268 65.4 51.3 76.9

264 63.1 51.0 76.4





#71
Phenanthrene
Concen: 43.277 ng
RT: 11.621 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

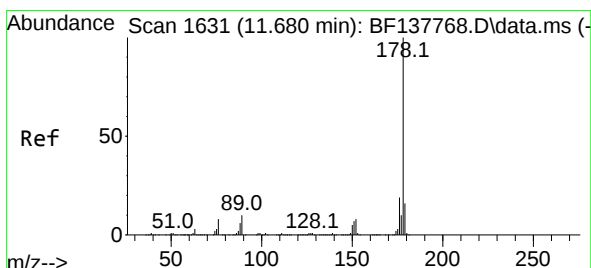
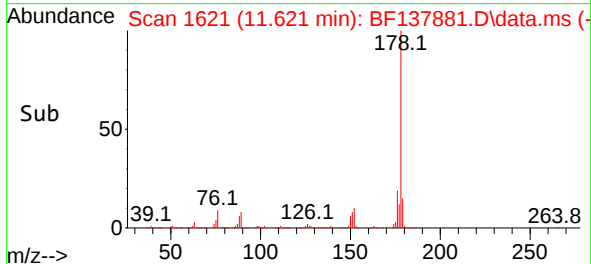
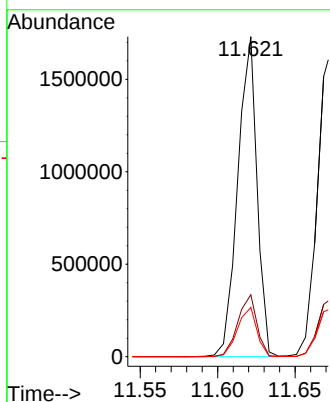
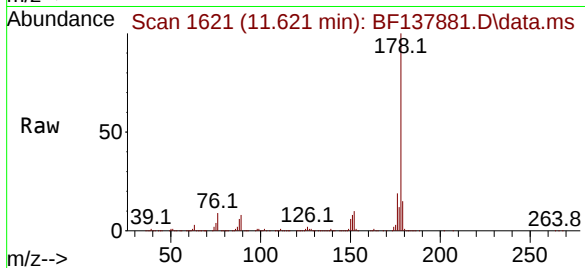
PB160847BS

Tgt Ion:178 Resp: 1495439
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.4 12.5 18.7

Manual Integrations

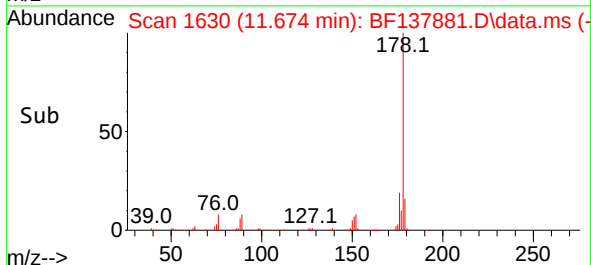
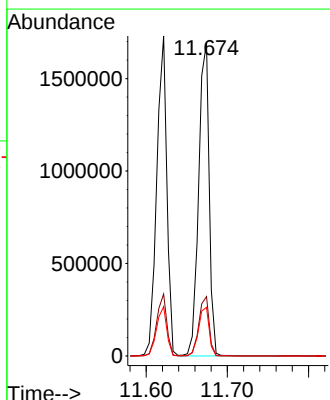
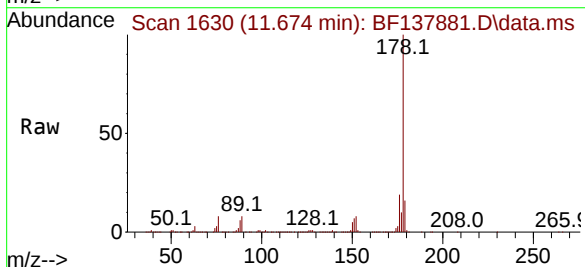
APPROVED

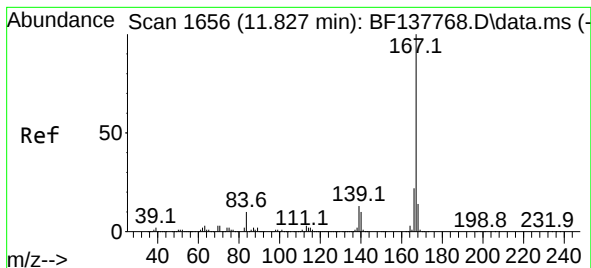
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 44.438 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

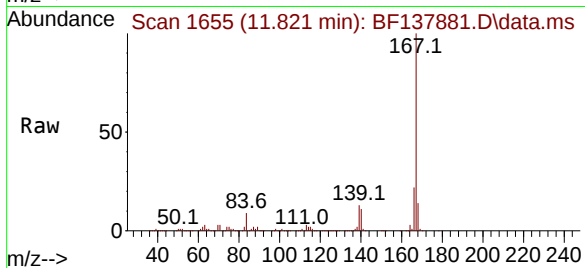
Tgt Ion:178 Resp: 1527840
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 42.317 ng
 RT: 11.821 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

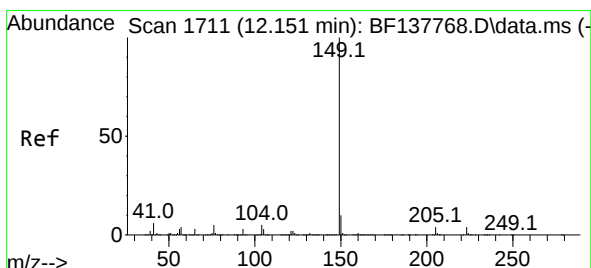
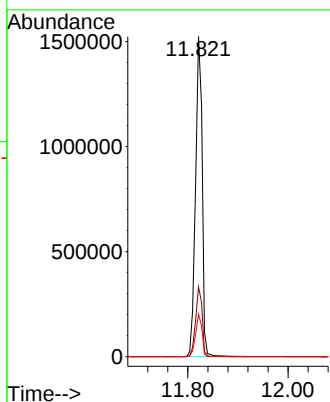
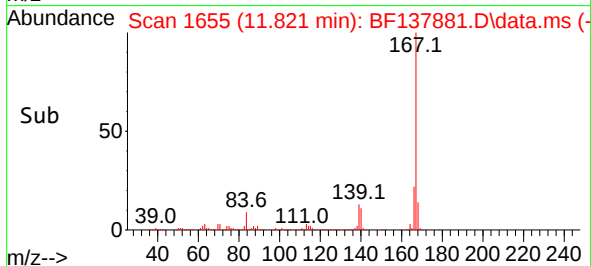
Instrument :
 BNA_F
 ClientSampleId :
 PB160847BS



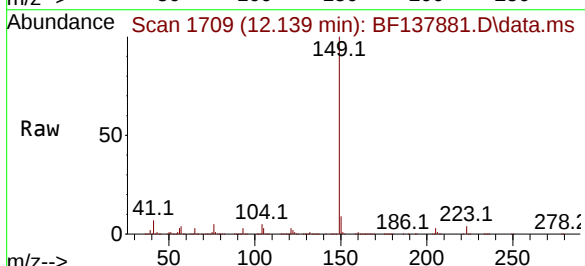
Tgt Ion:167 Resp: 1402160
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.5 15.7

Manual Integrations
 APPROVED

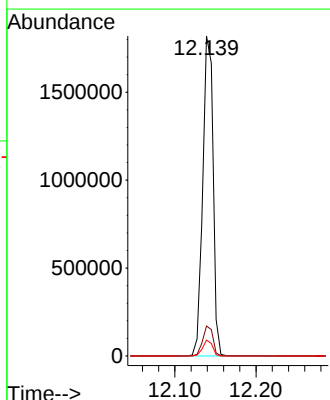
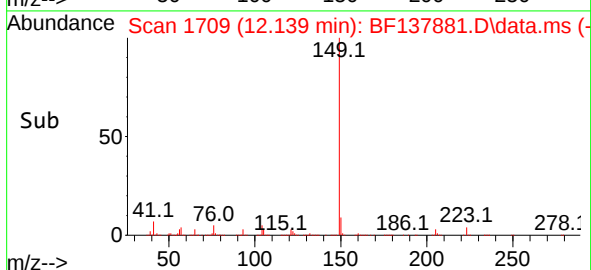
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

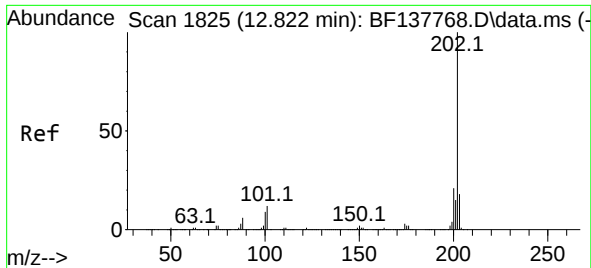


#74
 Di-n-butylphthalate
 Concen: 44.518 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17



Tgt Ion:149 Resp: 1609118
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.9 3.8 5.8





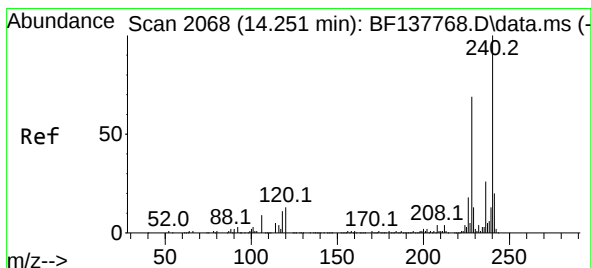
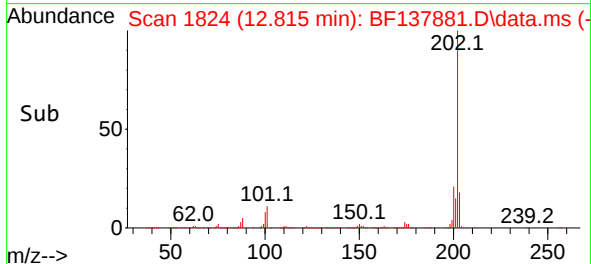
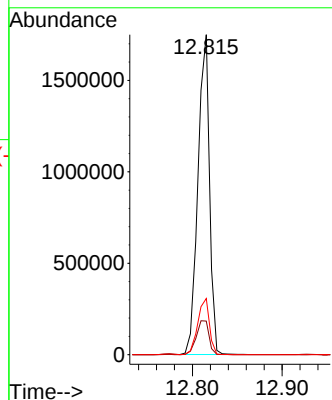
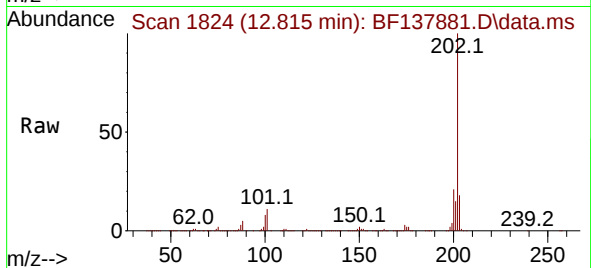
#75
Fluoranthene
Concen: 41.433 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB160847BS

Tgt Ion:202 Resp: 1565020
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.8
203 17.6 0.0 37.8

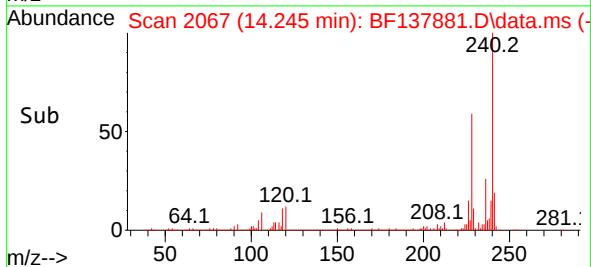
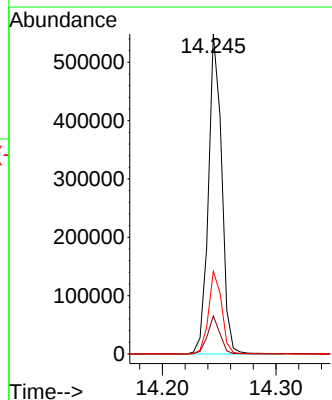
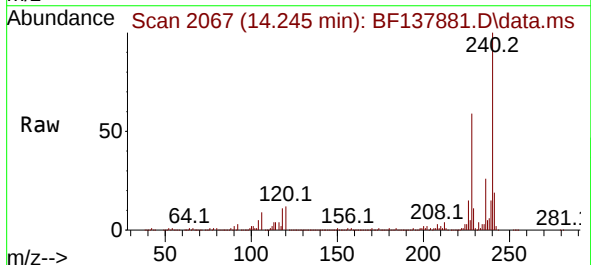
Manual Integrations
APPROVED

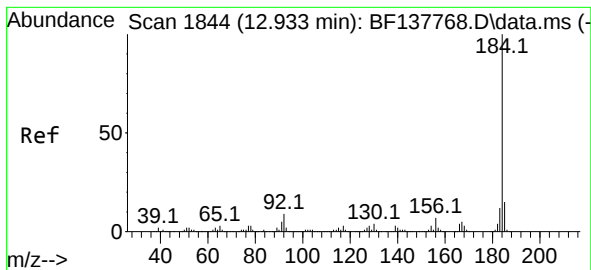
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:240 Resp: 444978
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 25.8 20.4 30.6





#77

Benzidine

Concen: 33.029 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

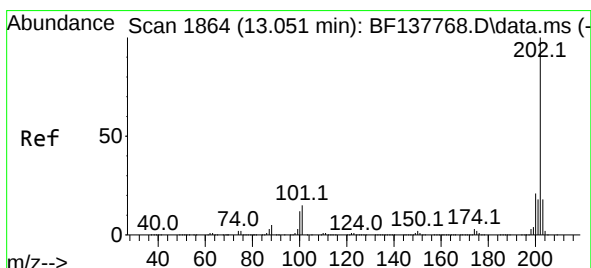
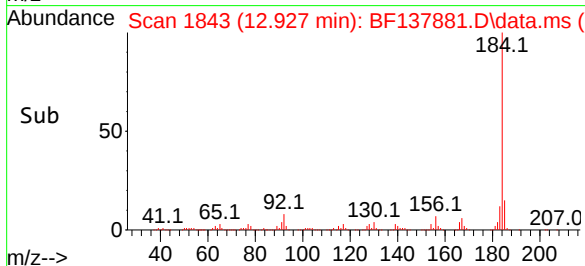
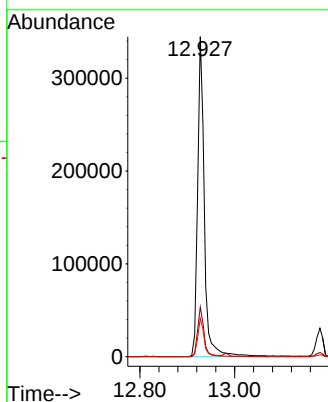
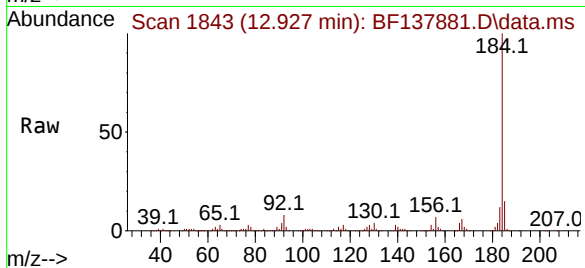
Tgt Ion:184	Resp: 33991
Ion Ratio	Lower Upper
184	100
185	15.5 12.3 18.5
183	11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#78

Pyrene

Concen: 44.713 ng

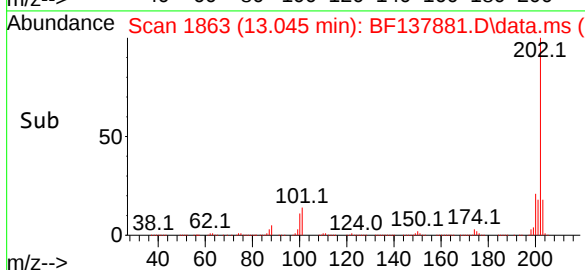
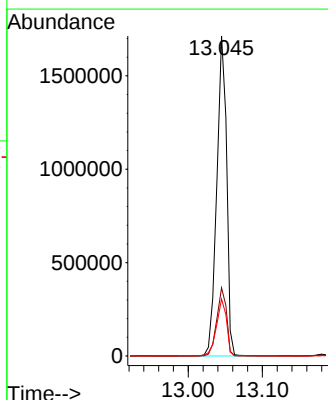
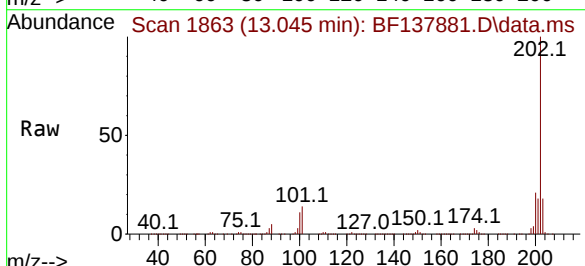
RT: 13.045 min Scan# 1863

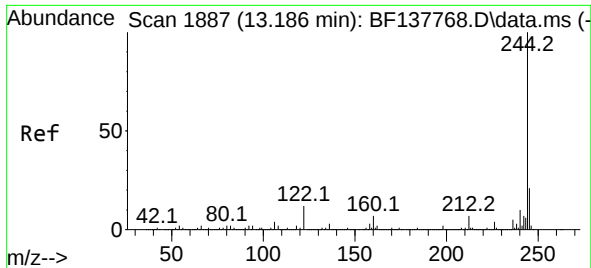
Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Tgt Ion:202	Resp: 1577530
Ion Ratio	Lower Upper
202	100
200	21.3 17.2 25.8
203	17.8 14.4 21.6





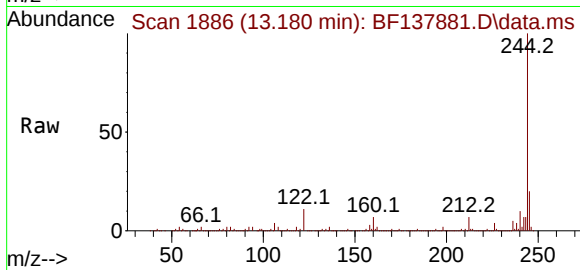
#79
 Terphenyl-d14
 Concen: 91.902 ng
 RT: 13.180 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS



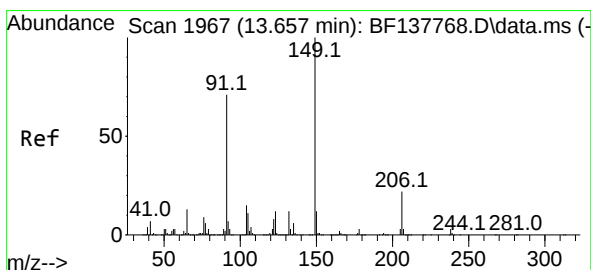
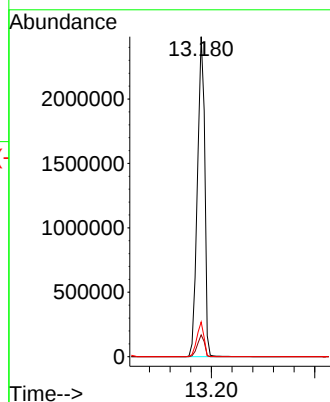
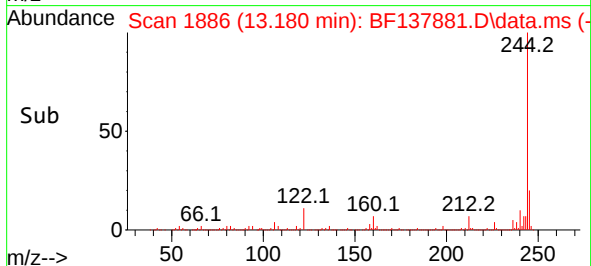
Tgt Ion:244 Resp: 2440208
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.8 9.4 14.2

Manual Integrations

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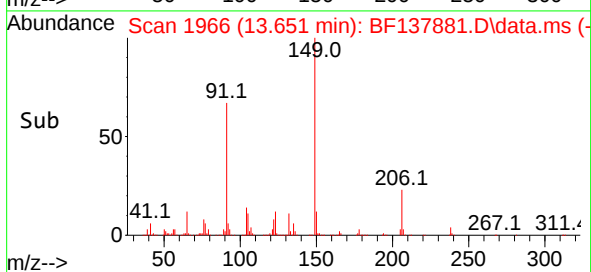
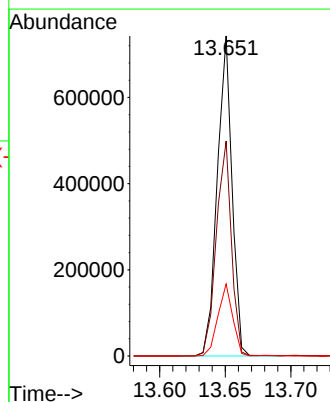
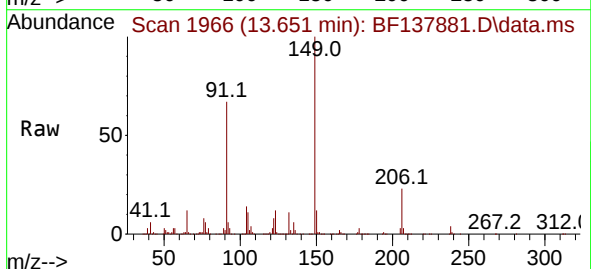
Reviewed By :Yogesh Patel 05/13/2024

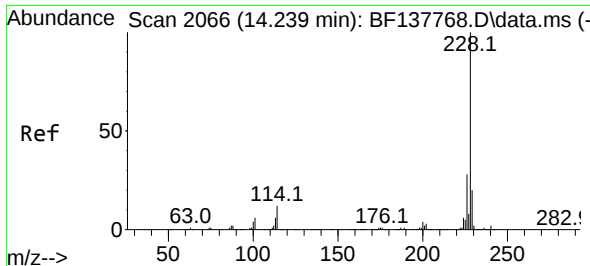
Supervised By :mohammad ahmed 05/13/2024



#80
 Butylbenzylphthalate
 Concen: 51.994 ng
 RT: 13.651 min Scan# 1966
 Delta R.T. -0.006 min
 Lab File: BF137881.D
 Acq: 10 May 2024 15:17

Tgt Ion:149 Resp: 582028
 Ion Ratio Lower Upper
 149 100
 91 67.1 56.8 85.2
 206 22.5 17.8 26.8





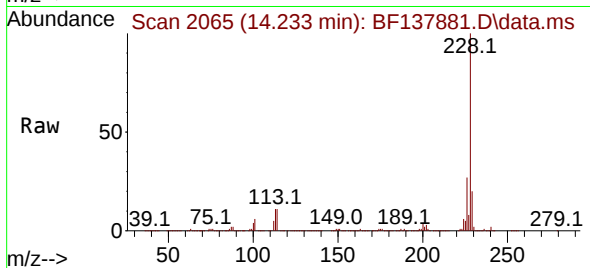
#81
Benzo(a)anthracene
Concen: 44.251 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

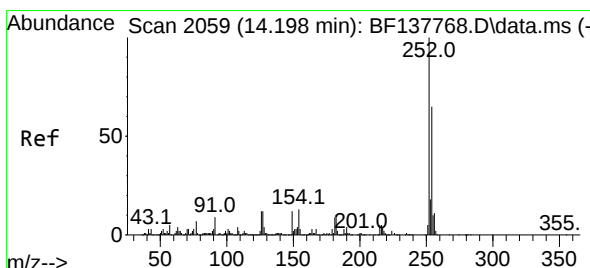
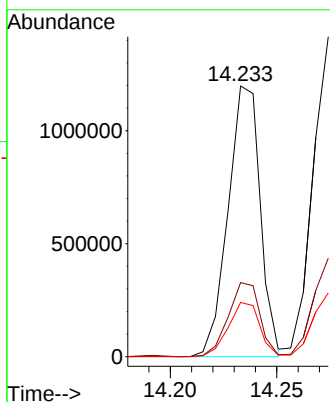
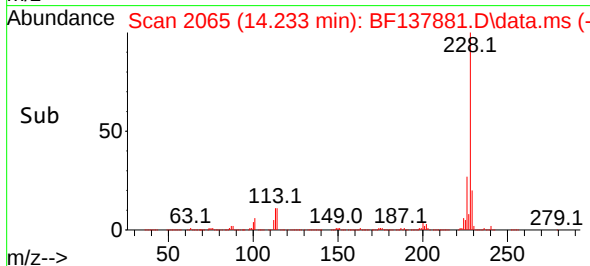


Tgt Ion:228 Resp: 1259404
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.1 16.3 24.5

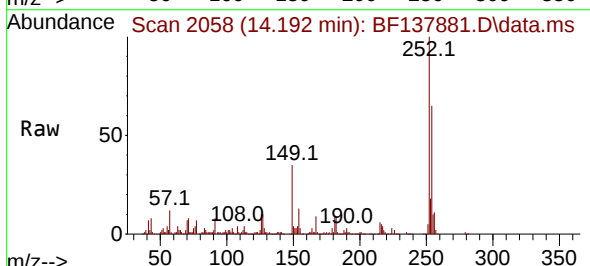
Manual Integrations

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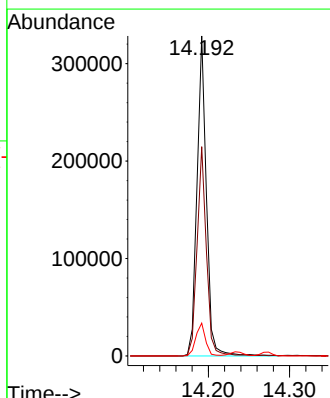
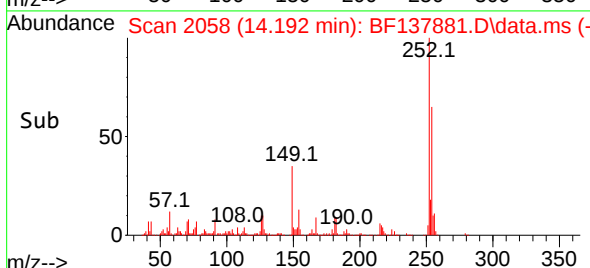
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

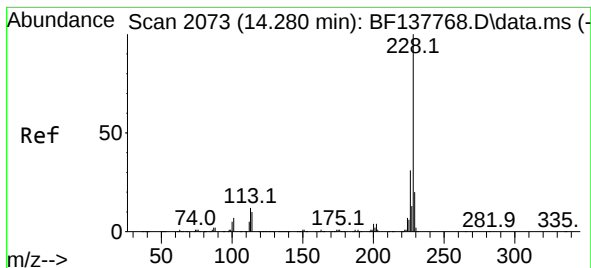


#82
3,3'-Dichlorobenzidine
Concen: 31.260 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:252 Resp: 266341
Ion Ratio Lower Upper
252 100
254 65.4 51.7 77.5
126 10.3 9.7 14.5





#83

Chrysene

Concen: 43.912 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

Tgt Ion:228 Resp: 1170170

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

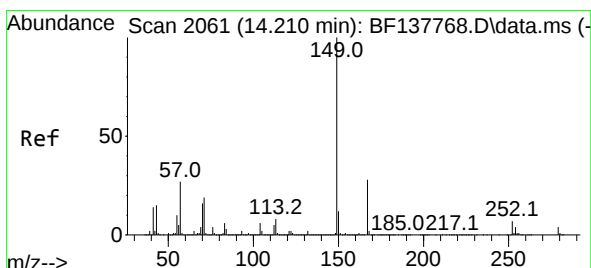
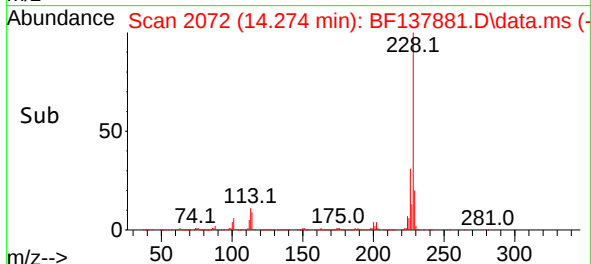
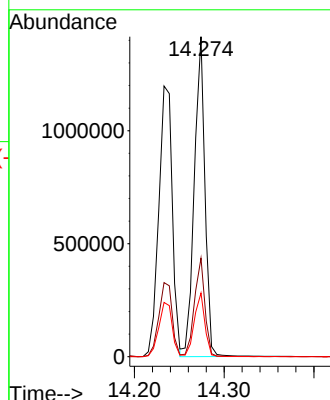
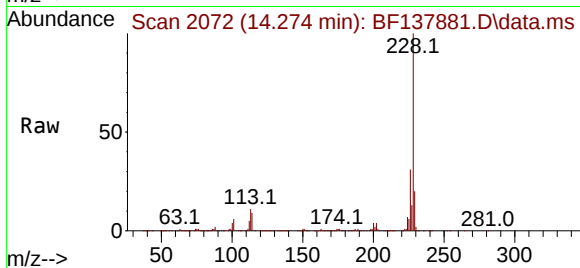
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.497 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

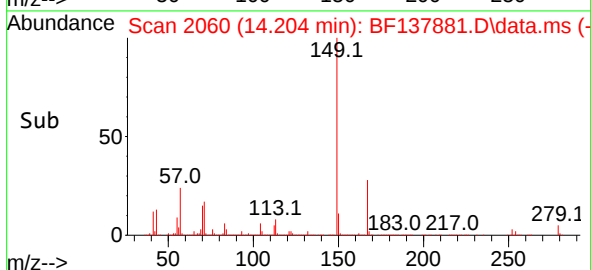
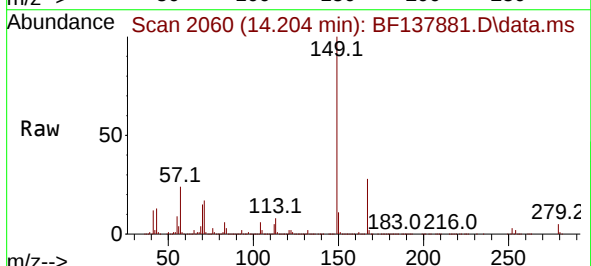
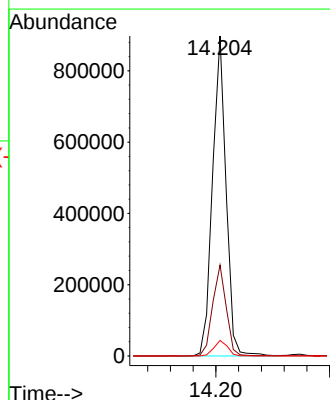
Tgt Ion:149 Resp: 740624

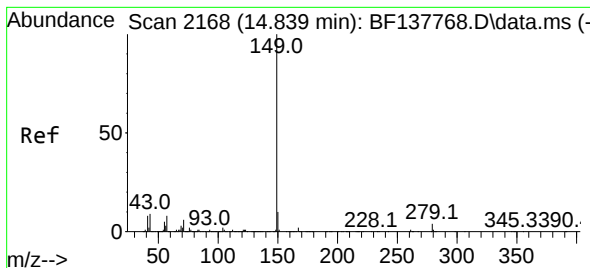
Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

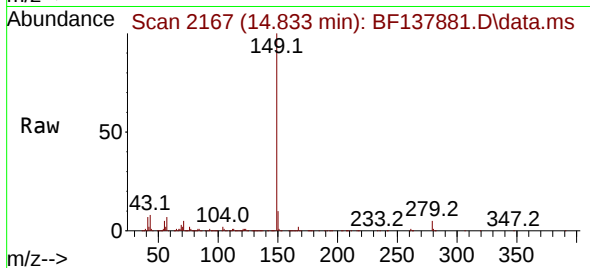
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.817 ng
RT: 14.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

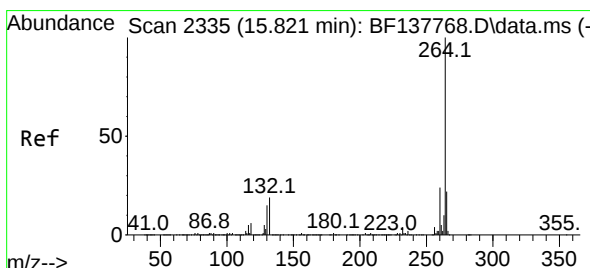
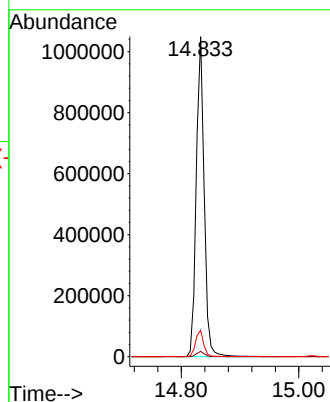
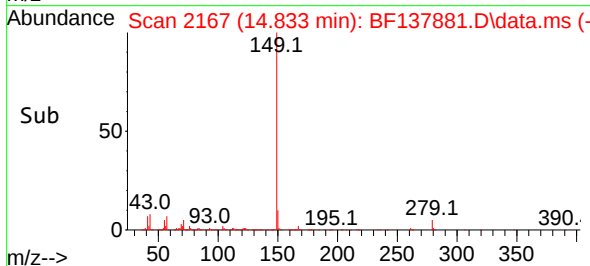
Instrument :
BNA_F
ClientSampleId :
PB160847BS



Tgt Ion:149 Resp: 983815
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 7.5 11.3

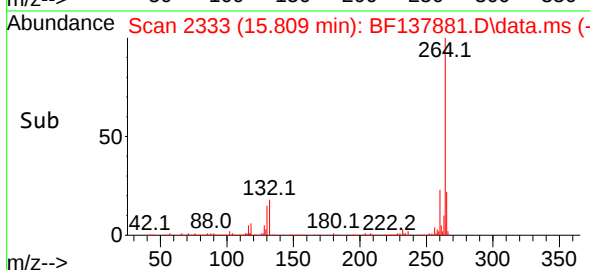
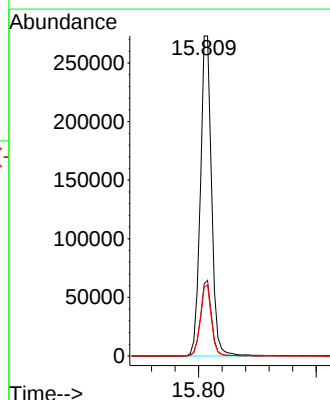
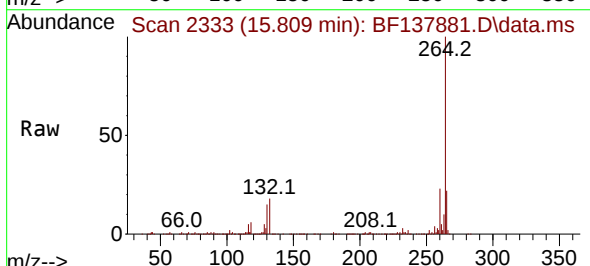
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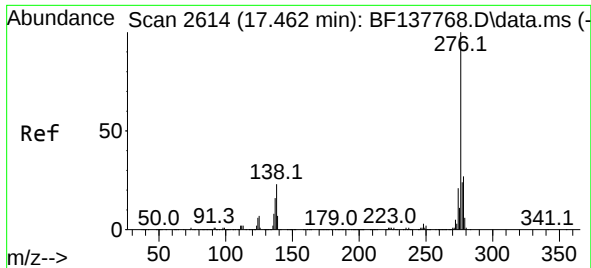
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.809 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:264 Resp: 360487
Ion Ratio Lower Upper
264 100
260 22.6 18.9 28.3
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.305 ng
RT: 17.450 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

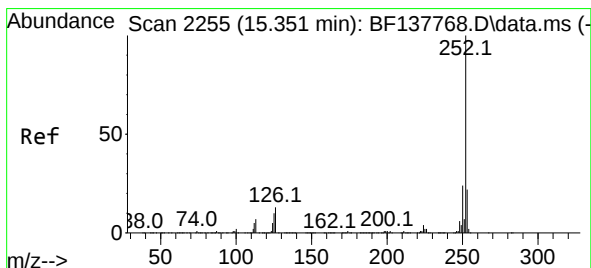
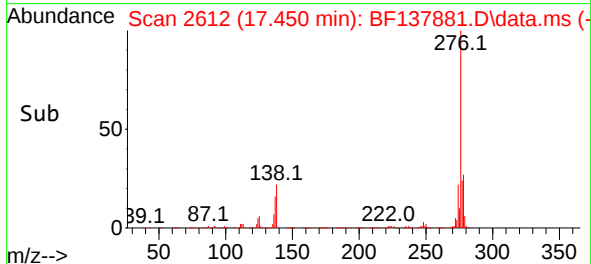
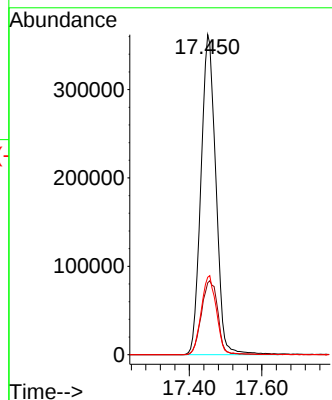
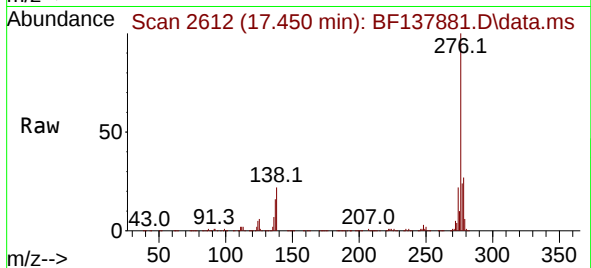
PB160847BS

Tgt Ion:276 Resp: 1030999
Ion Ratio Lower Upper
276 100
138 25.4 21.4 32.0
277 25.2 20.1 30.1

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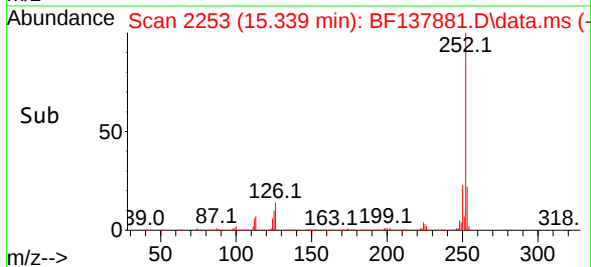
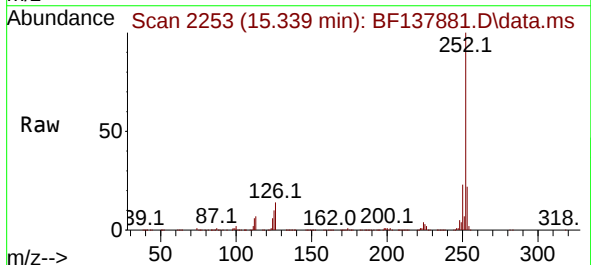
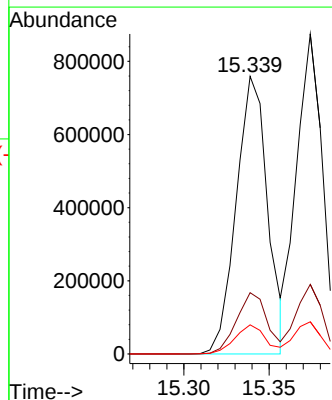
APPROVED

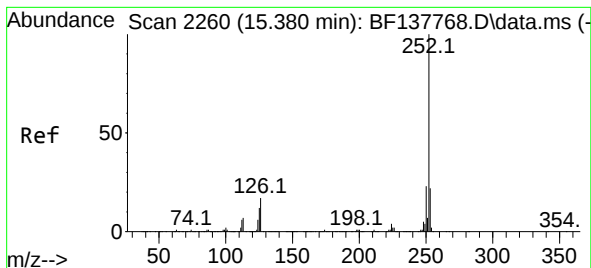
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#88
Benzo(b)fluoranthene
Concen: 43.317 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Tgt Ion:252 Resp: 971544
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.590 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

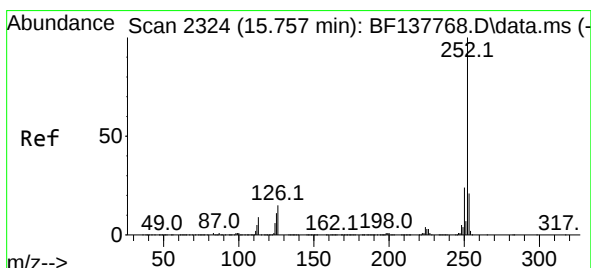
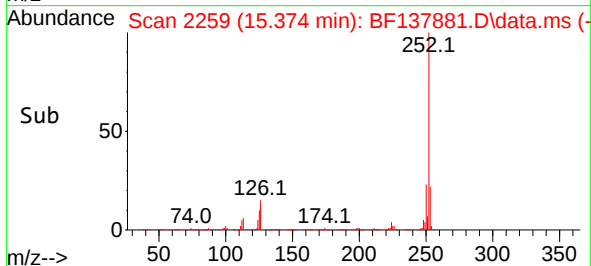
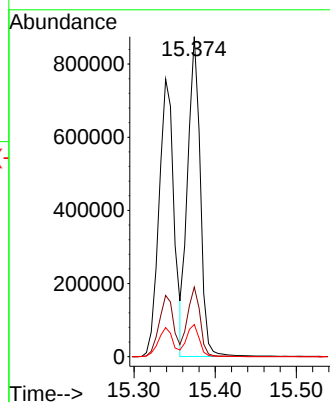
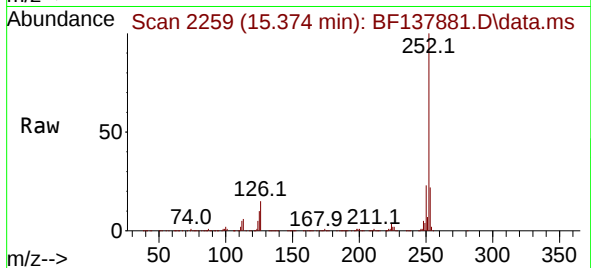
PB160847BS

Tgt Ion:252 Resp: 94494
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.0 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: 47.613 ng

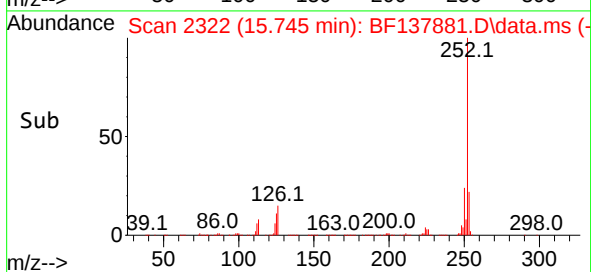
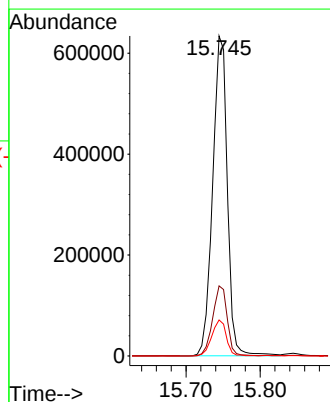
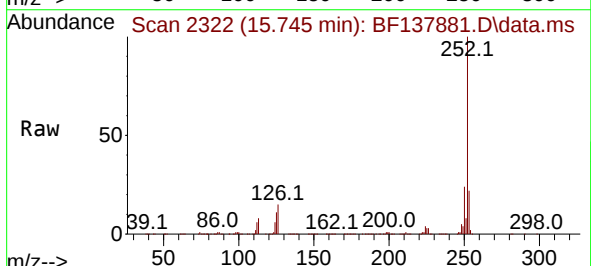
RT: 15.745 min Scan# 2322

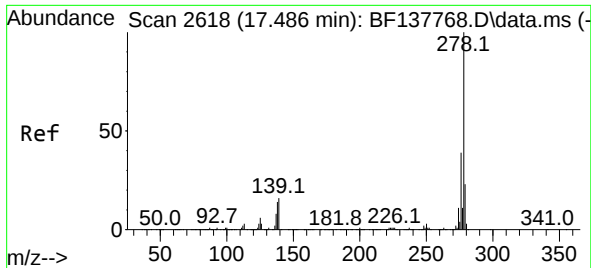
Delta R.T. -0.012 min

Lab File: BF137881.D

Acq: 10 May 2024 15:17

Tgt Ion:252 Resp: 871220
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.1 25.7
 125 11.2 9.0 13.6





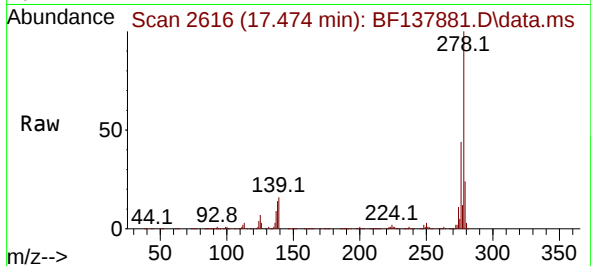
#91
Dibenzo(a,h)anthracene
Concen: 49.858 ng
RT: 17.474 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB160847BS

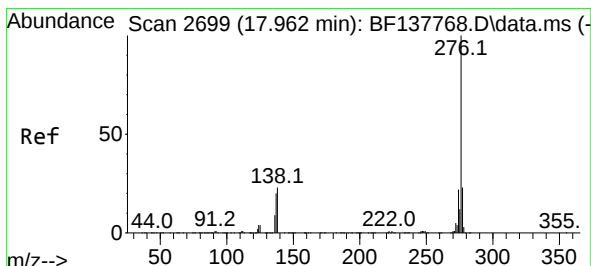
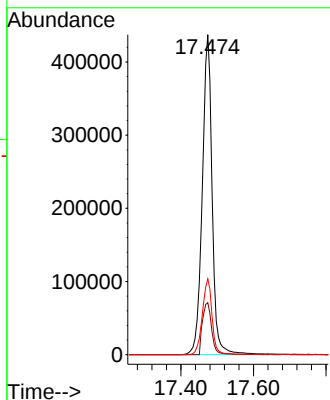
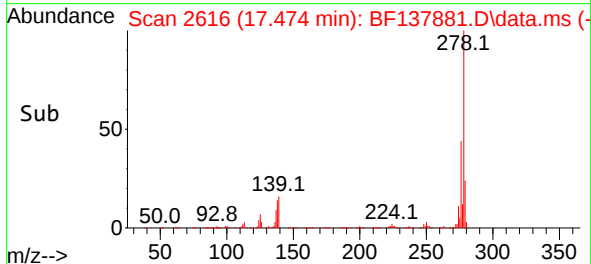


Tgt Ion:278 Resp: 831740
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 23.7 18.7 28.1

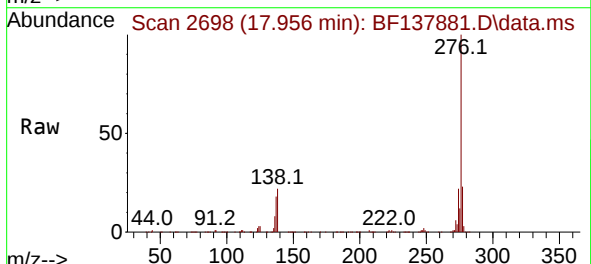
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.825 ng
RT: 17.956 min Scan# 2698
Delta R.T. -0.006 min
Lab File: BF137881.D
Acq: 10 May 2024 15:17



Tgt Ion:276 Resp: 801400
Ion Ratio Lower Upper
276 100
277 22.7 18.0 27.0
138 22.1 18.1 27.1

