

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137829.D
 Acq On : 03 May 2024 15:04
 Operator : CG\JU
 Sample : PB160706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 15:34:07 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	149761	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	582210	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	321580	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	721812	20.000	ng	0.00
76) Chrysene-d12	14.245	240	286595	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	292898	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1381169	154.411	ng	0.01
7) Phenol-d6	6.669	99	1226294	108.086	ng	0.00
23) Nitrobenzene-d5	7.616	82	780682	77.903	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	554638	168.921	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1653283	83.408	ng	-0.01
79) Terphenyl-d14	13.180	244	2148553	125.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	123371	30.629	ng	98
3) Pyridine	3.799	79	313392	32.148	ng	95
4) n-Nitrosodimethylamine	3.763	42	160386	36.536	ng	99
6) Aniline	6.716	93	352785	31.372	ng	99
8) 2-Chlorophenol	6.840	128	398346	40.865	ng	97
9) Benzaldehyde	6.604	77	175089	28.657	ng	97
10) Phenol	6.687	94	446035	38.367	ng	100
11) bis(2-Chloroethyl)ether	6.787	93	348491	38.284	ng	98
12) 1,3-Dichlorobenzene	6.992	146	420571	38.260	ng	100
13) 1,4-Dichlorobenzene	7.069	146	433159	39.271	ng	100
14) 1,2-Dichlorobenzene	7.222	146	416264	40.069	ng	98
15) Benzyl Alcohol	7.187	79	328624	41.884	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	457777	35.778	ng	96
17) 2-Methylphenol	7.292	107	316346	40.219	ng	99
18) Hexachloroethane	7.569	117	152174	40.811	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	262150	38.664	ng	96
20) 3+4-Methylphenols	7.445	107	404053	39.045	ng	# 86
22) Acetophenone	7.457	105	541755	41.374	ng	99
24) Nitrobenzene	7.634	77	395463	38.289	ng	99
25) Isophorone	7.869	82	724608	40.104	ng	100
26) 2-Nitrophenol	7.951	139	211884	45.302	ng	97
27) 2,4-Dimethylphenol	7.975	122	293652	43.611	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	432503	39.535	ng	99
29) 2,4-Dichlorophenol	8.186	162	339460	41.709	ng	100
30) 1,2,4-Trichlorobenzene	8.275	180	361610	40.757	ng	100
31) Naphthalene	8.357	128	1179678	40.772	ng	100
32) Benzoic acid	8.086	122	242341	41.719	ng	98
33) 4-Chloroaniline	8.398	127	188590	17.577	ng	99
34) Hexachlorobutadiene	8.469	225	222532	40.853	ng	99
35) Caprolactam	8.769	113	104062m	40.355	ng	
36) 4-Chloro-3-methylphenol	8.875	107	351310	41.393	ng	95
37) 2-Methylnaphthalene	9.051	142	774117	41.333	ng	100
38) 1-Methylnaphthalene	9.151	142	711408	38.609	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	360350	42.308	ng	99
41) Hexachlorocyclopentadiene	9.204	237	450343	130.176	ng	98
43) 2,4,6-Trichlorophenol	9.322	196	249026	42.952	ng	100

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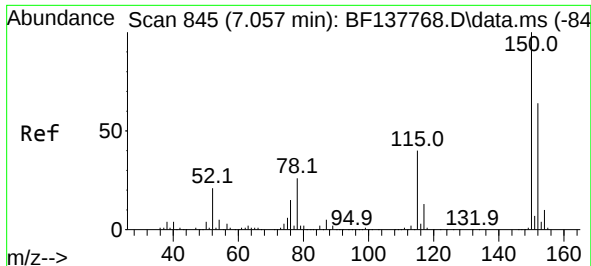
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	261976	40.922	ng	97
46) 1,1'-Biphenyl	9.516	154	943445	42.749	ng	99
47) 2-Chloronaphthalene	9.545	162	722615	40.556	ng	100
48) 2-Nitroaniline	9.633	65	200572	41.506	ng	98
49) Acenaphthylene	9.963	152	1150055	44.620	ng	100
50) Dimethylphthalate	9.810	163	864812	42.600	ng	100
51) 2,6-Dinitrotoluene	9.875	165	190634	41.090	ng	98
52) Acenaphthene	10.133	154	766663	44.875	ng	99
53) 3-Nitroaniline	10.045	138	116840	24.049	ng	94
54) 2,4-Dinitrophenol	10.151	184	199230	87.396	ng	# 86
55) Dibenzofuran	10.310	168	1035204	41.638	ng	98
56) 4-Nitrophenol	10.198	139	298987	74.251	ng	92
57) 2,4-Dinitrotoluene	10.280	165	256437	42.309	ng	97
58) Fluorene	10.651	166	850737	42.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	219177	42.171	ng	97
60) Diethylphthalate	10.516	149	814922	42.266	ng	98
61) 4-Chlorophenyl-phenyle...	10.639	204	404480	41.488	ng	98
62) 4-Nitroaniline	10.669	138	240637	48.831	ng	99
63) Azobenzene	10.798	77	1059646	56.863	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	191027	46.109	ng	97
66) n-Nitrosodiphenylamine	10.757	169	970259	44.906	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	359001	46.473	ng	97
68) Hexachlorobenzene	11.198	284	369143	43.728	ng	97
69) Atrazine	11.280	200	326020	49.486	ng	98
70) Pentachlorophenol	11.392	266	442711	76.386	ng	99
71) Phenanthrene	11.622	178	1532042	43.546	ng	100
72) Anthracene	11.674	178	1523735	43.528	ng	99
73) Carbazole	11.822	167	1346071	39.899	ng	100
74) Di-n-butylphthalate	12.139	149	1559146	42.366	ng	100
75) Fluoranthene	12.816	202	1468970	38.196	ng	99
77) Benzidine	12.927	184	447238	67.474	ng	99
78) Pyrene	13.045	202	1528143	67.249	ng	100
80) Butylbenzylphthalate	13.651	149	517155	71.730	ng	95
81) Benzo(a)anthracene	14.233	228	831025	45.336	ng	98
82) 3,3'-Dichlorobenzidine	14.192	252	165656	30.188	ng	# 98
83) Chrysene	14.268	228	769440	44.831	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	511732	56.319	ng	98
85) Di-n-octyl phthalate	14.833	149	787783	64.422	ng	97
87) Indeno(1,2,3-cd)pyrene	17.451	276	902589	54.203	ng	98
88) Benzo(b)fluoranthene	15.339	252	729212	40.015	ng	100
89) Benzo(k)fluoranthene	15.374	252	689960	39.172	ng	99
90) Benzo(a)pyrene	15.745	252	669300	45.019	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	739353	54.547	ng	100
92) Benzo(g,h,i)perylene	17.956	276	707296	49.777	ng	98

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



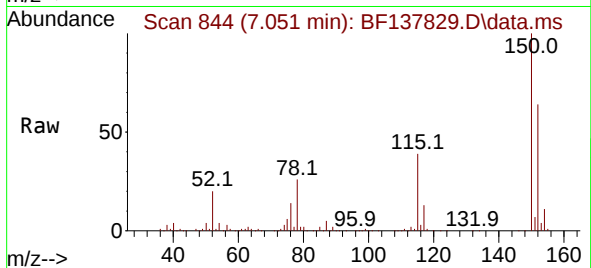
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

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PB160706BS



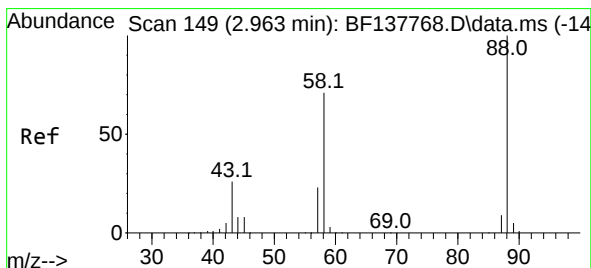
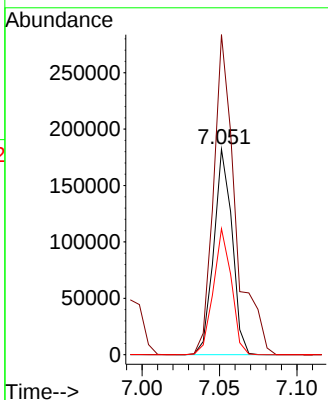
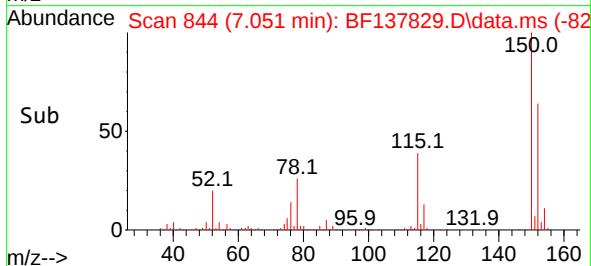
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Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 61.3 49.1 73.7

Manual Integrations

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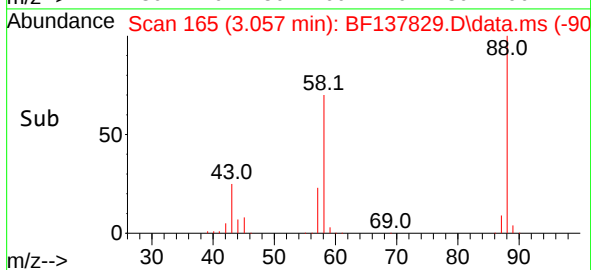
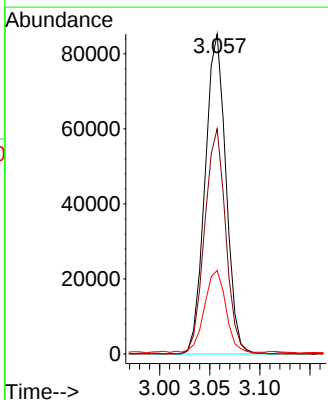
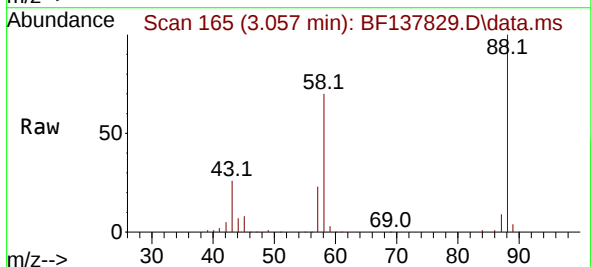
Reviewed By :Yogesh Patel 05/04/2024

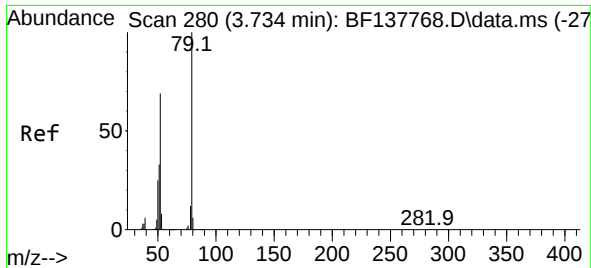
Supervised By :mohammad ahmed 05/06/2024



#2
1,4-Dioxane
Concen: 30.629 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.094 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

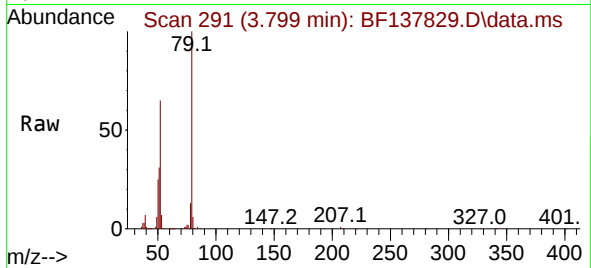
Tgt Ion: 88 Resp: 123371
Ion Ratio Lower Upper
88 100
58 71.2 58.8 88.2
43 26.1 21.4 32.0





#3
Pyridine
Concen: 32.148 ng
RT: 3.799 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

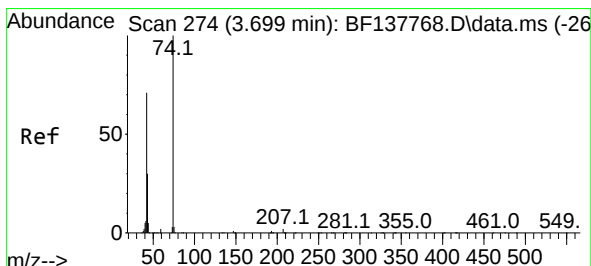
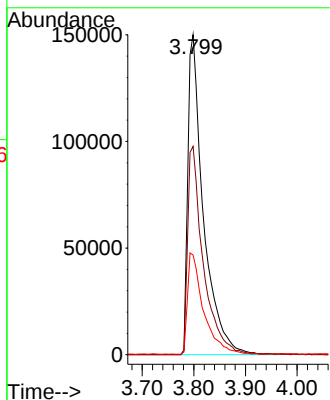
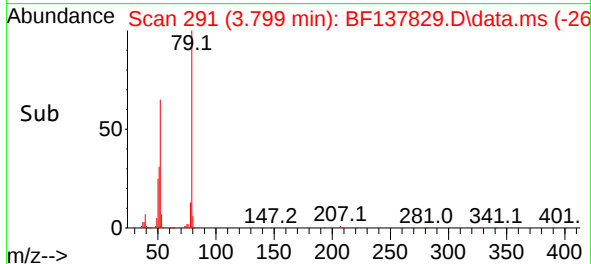
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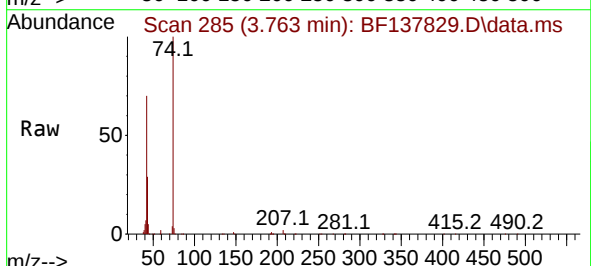
Tgt Ion: 79 Resp: 31339
Ion Ratio Lower Upper
79 100
52 65.1 55.5 83.3
51 31.1 26.9 40.3

Manual Integrations
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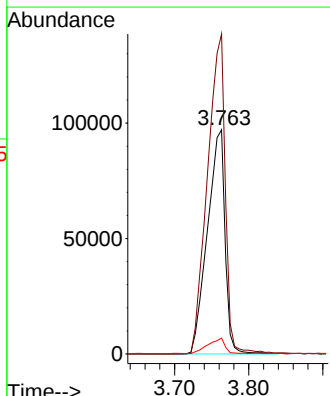
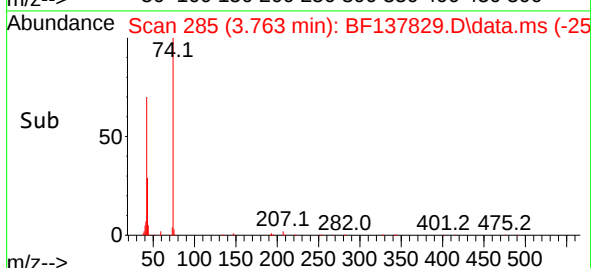
Reviewed By :Yogesh Patel 05/04/2024
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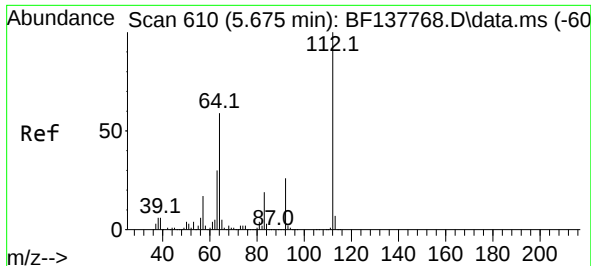


#4
n-Nitrosodimethylamine
Concen: 36.536 ng
RT: 3.763 min Scan# 285
Delta R.T. 0.065 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion: 42 Resp: 160386
Ion Ratio Lower Upper
42 100
74 142.7 112.9 169.3
44 7.1 5.6 8.4





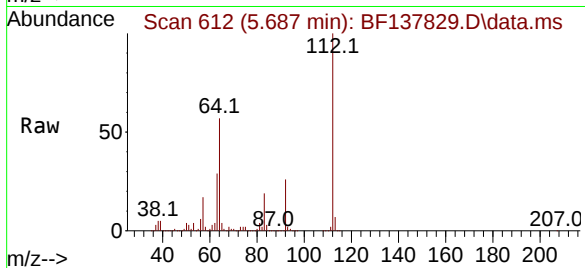
#5
2-Fluorophenol
Concen: 154.411 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



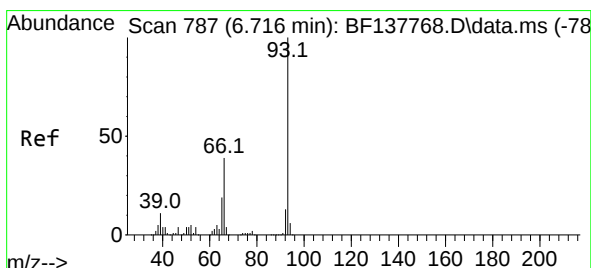
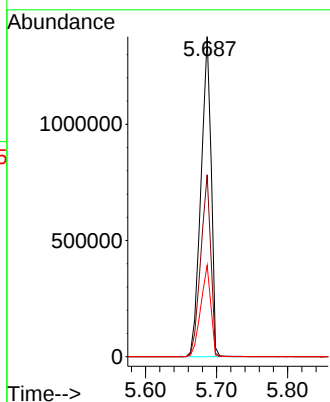
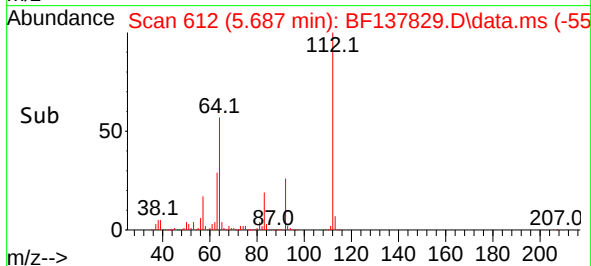
Tgt Ion:112 Resp: 1381169
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 28.6 23.7 35.5

Manual Integrations

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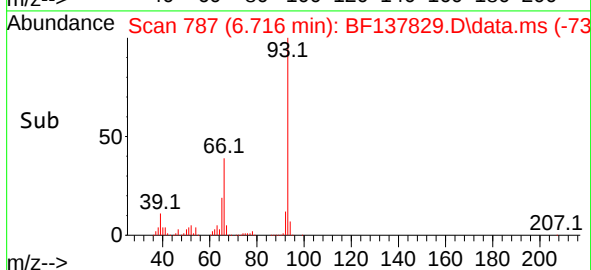
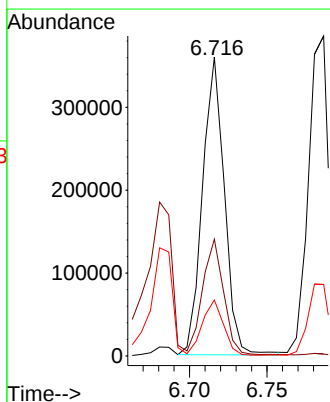
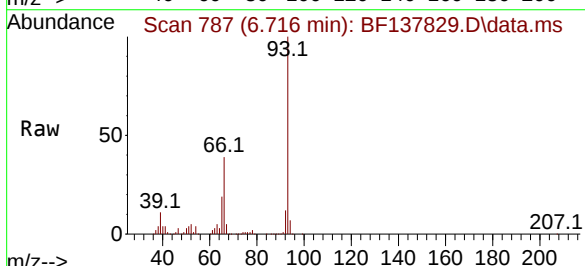
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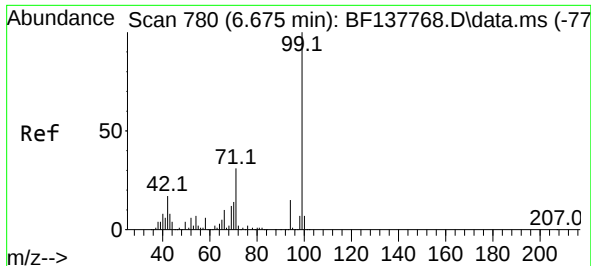
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 31.372 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

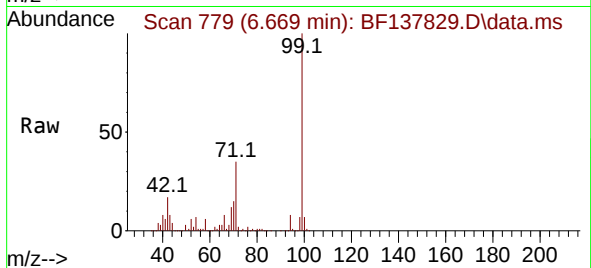
Tgt Ion: 93 Resp: 352785
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.6
65 18.7 15.4 23.2





#7
Phenol-d6
Concen: 108.086 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

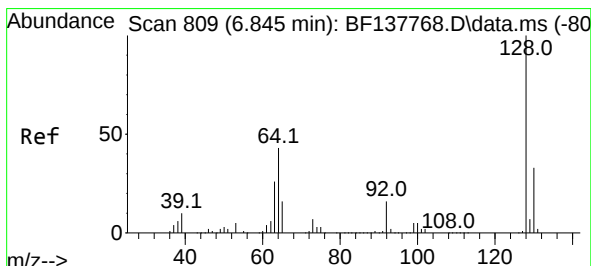
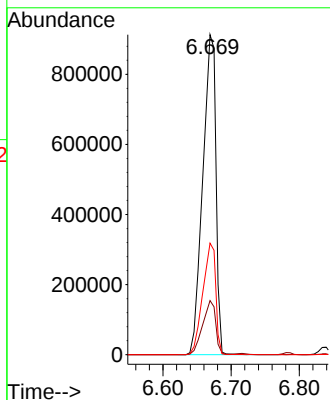
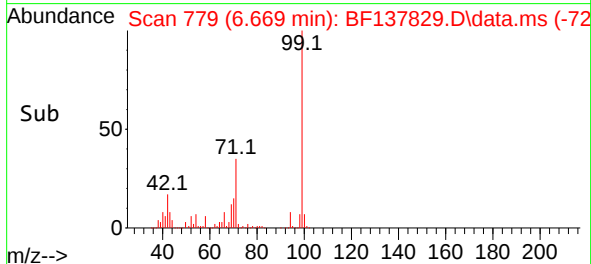
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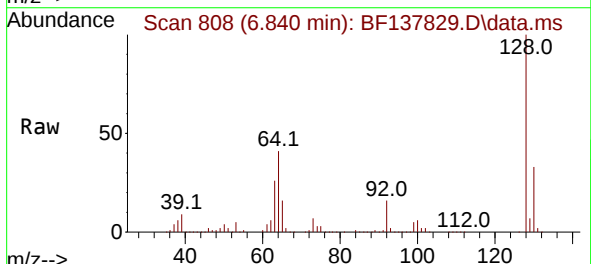
Tgt Ion: 99 Resp: 1226294
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 34.9 25.0 37.4

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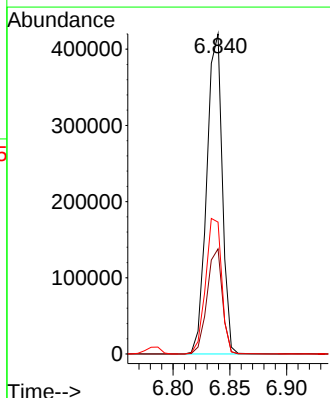
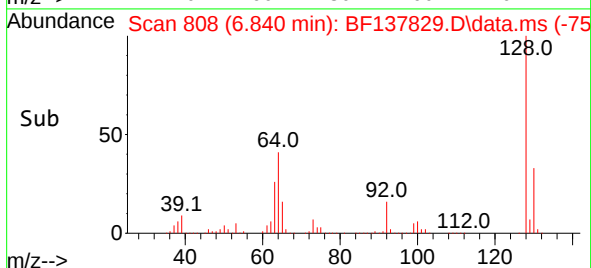
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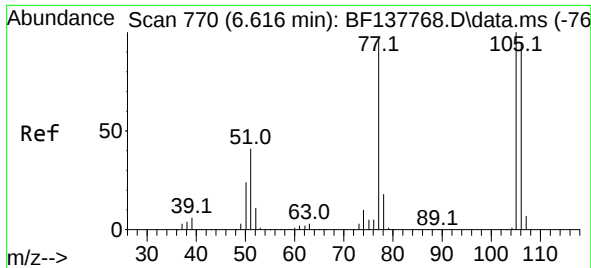


#8
2-Chlorophenol
Concen: 40.865 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:128 Resp: 398346
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 41.2 23.9 63.9





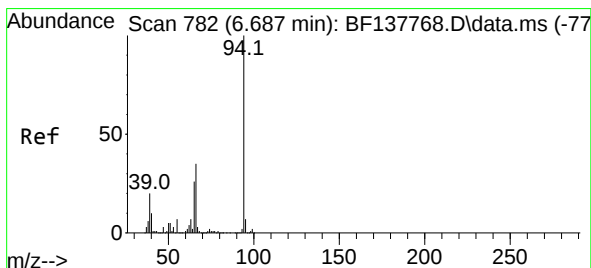
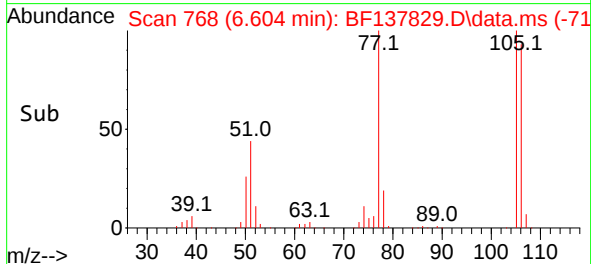
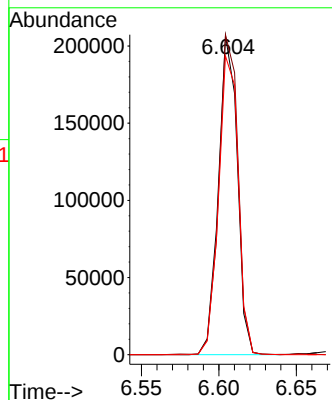
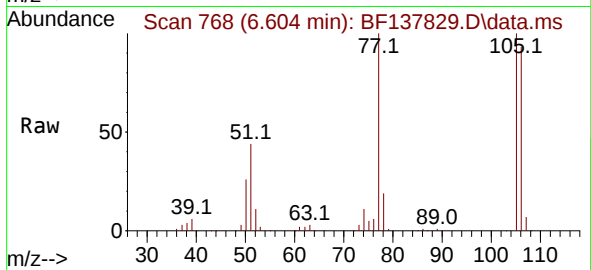
#9
Benzaldehyde
Concen: 28.657 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion: 77 Resp: 175089
Ion Ratio Lower Upper
77 100
105 100.4 83.2 123.2
106 93.7 77.7 117.7

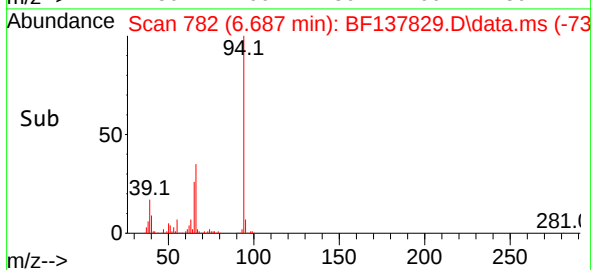
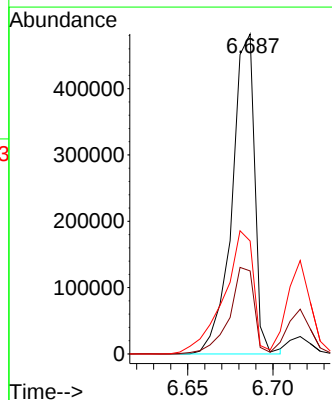
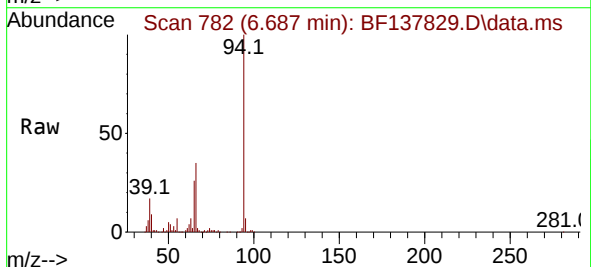
Manual Integrations
APPROVED

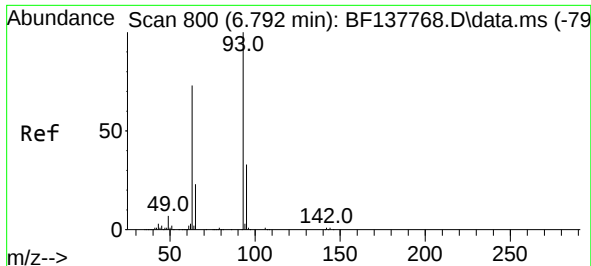
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Phenol
Concen: 38.367 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

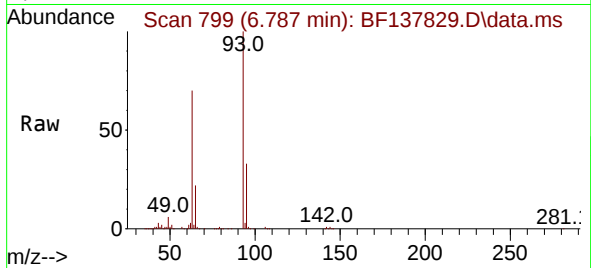
Tgt Ion: 94 Resp: 446035
Ion Ratio Lower Upper
94 100
65 26.0 6.4 46.4
66 35.3 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

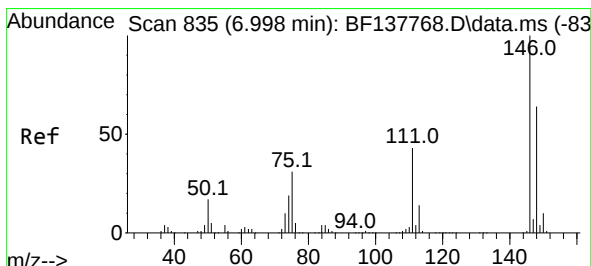
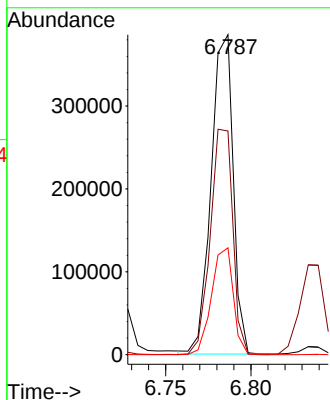
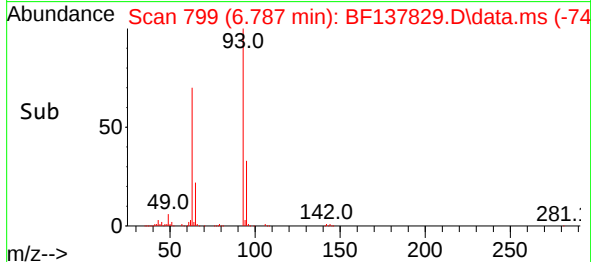
Instrument :
BNA_F
ClientSampleId :
PB160706BS



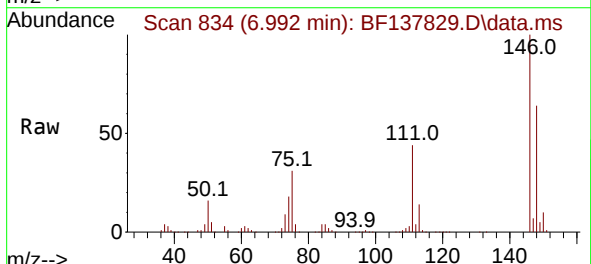
Tgt Ion: 93 Resp: 34849
Ion Ratio Lower Upper
93 100
63 69.9 51.6 91.6
95 33.4 12.1 52.1

Manual Integrations
APPROVED

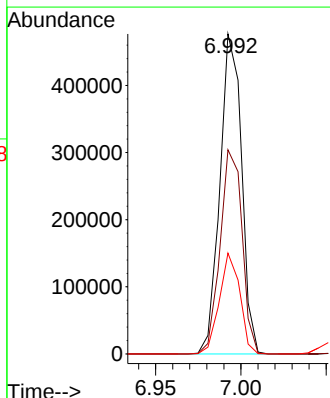
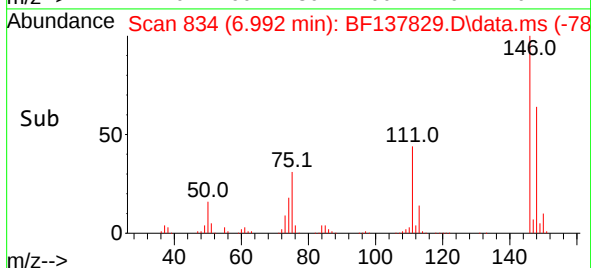
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

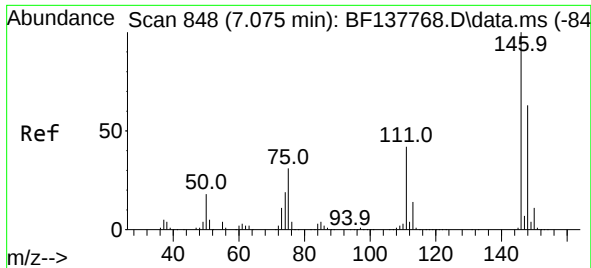


#12
1,3-Dichlorobenzene
Concen: 38.260 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:146 Resp: 420571
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 31.5 25.1 37.7





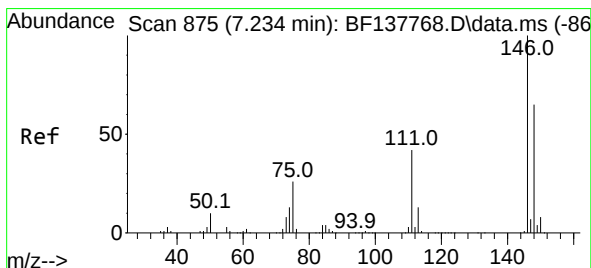
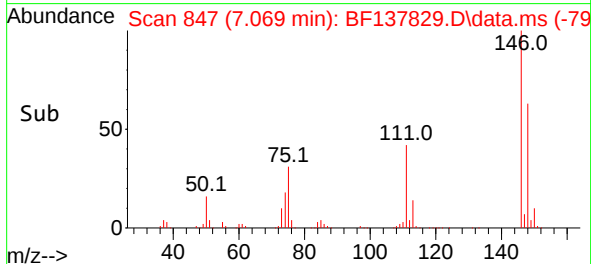
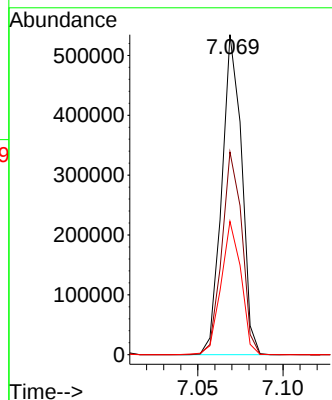
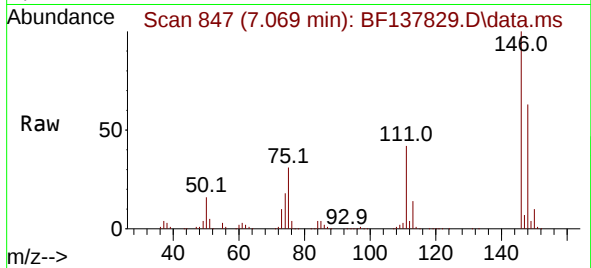
#13
1,4-Dichlorobenzene
Concen: 39.271 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion:146 Resp: 43315
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 41.7 33.8 50.8

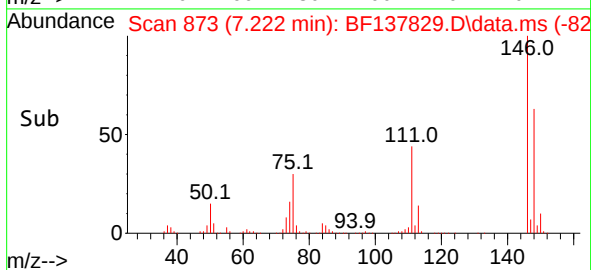
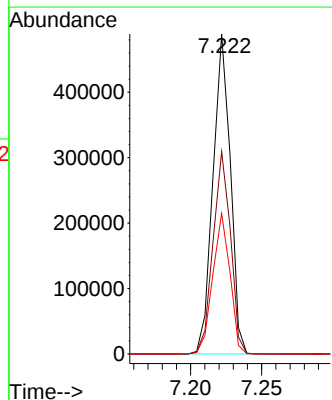
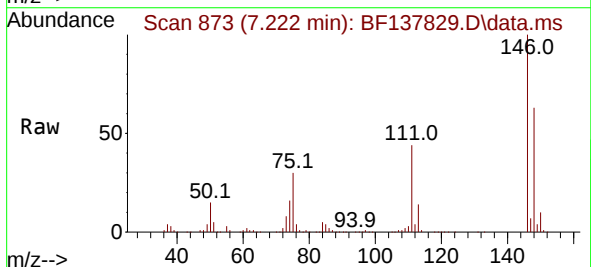
Manual Integrations
APPROVED

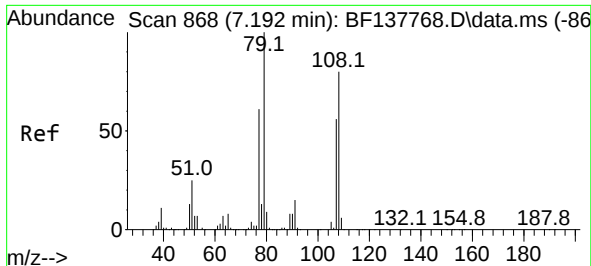
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#14
1,2-Dichlorobenzene
Concen: 40.069 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:146 Resp: 416264
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 43.9 33.6 50.4





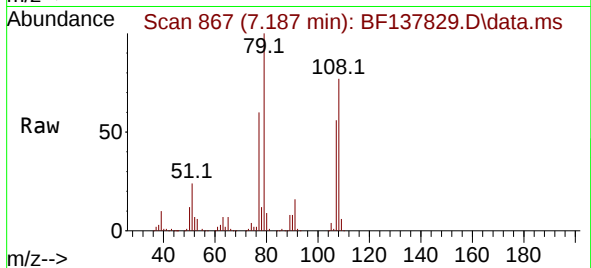
#15
Benzyl Alcohol
Concen: 41.884 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

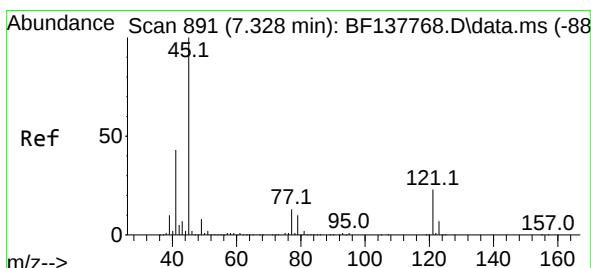
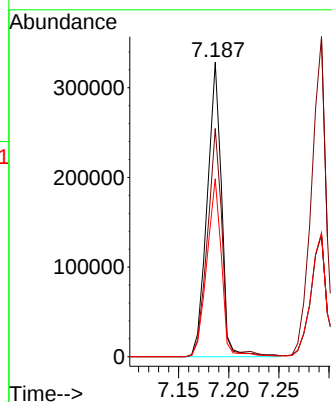
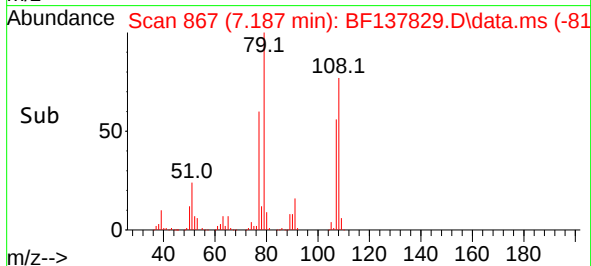


Tgt Ion: 79 Resp: 328624
Ion Ratio Lower Upper
79 100
108 77.5 64.2 96.2
77 60.5 48.5 72.7

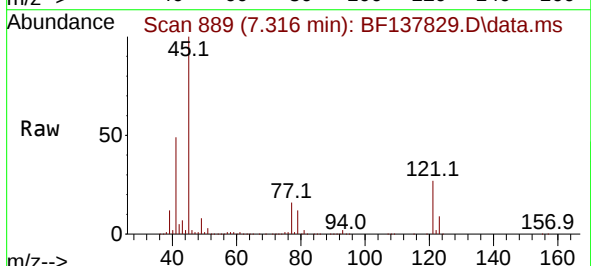
Manual Integrations

APPROVED

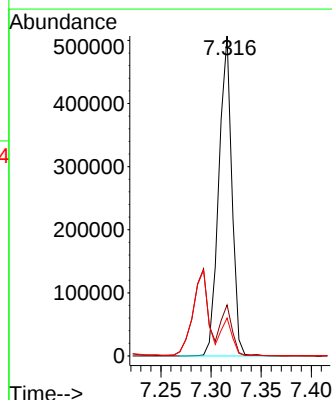
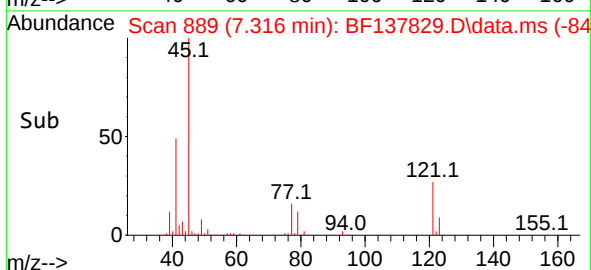
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

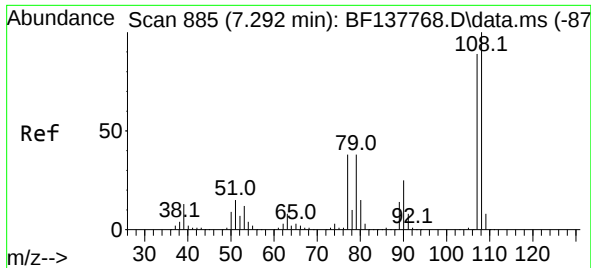


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.778 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion: 45 Resp: 457777
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 11.8 0.0 31.0





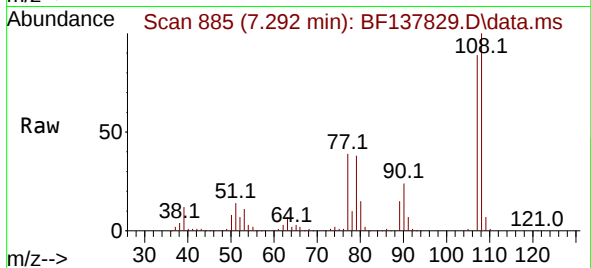
#17
2-Methylphenol
Concen: 40.219 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

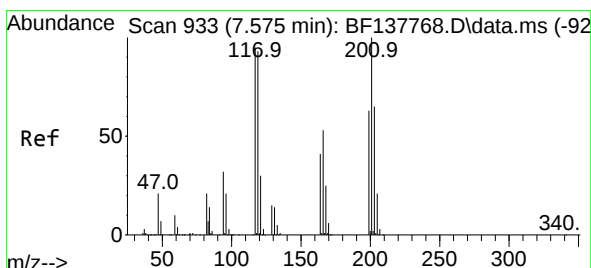
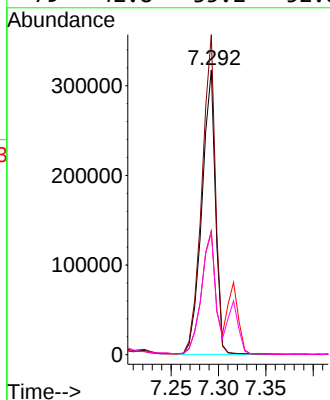
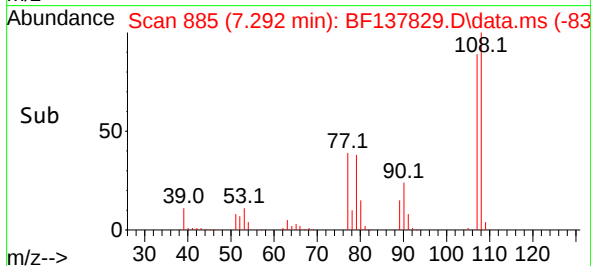


Tgt Ion:107 Resp: 316340
Ion Ratio Lower Upper
107 100
108 112.4 90.5 135.7
77 43.5 34.5 51.7
79 42.8 35.2 52.8

Manual Integrations

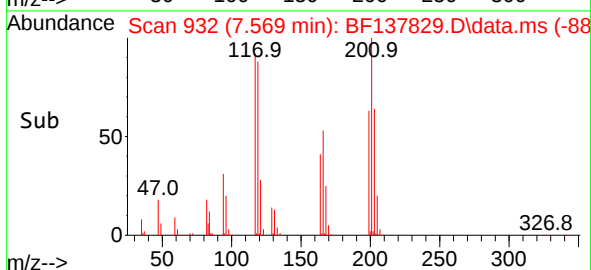
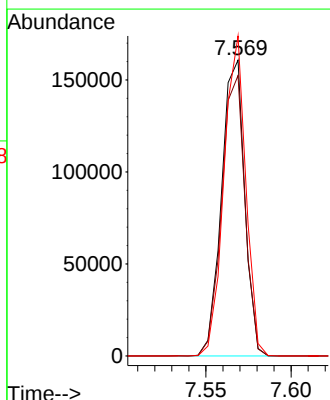
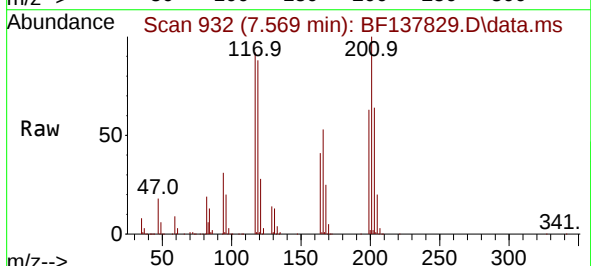
APPROVED

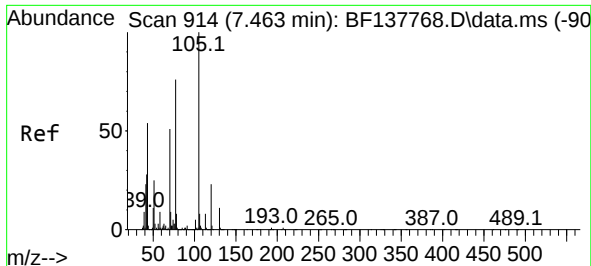
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 40.811 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:117 Resp: 152174
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
201 108.2 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.664 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

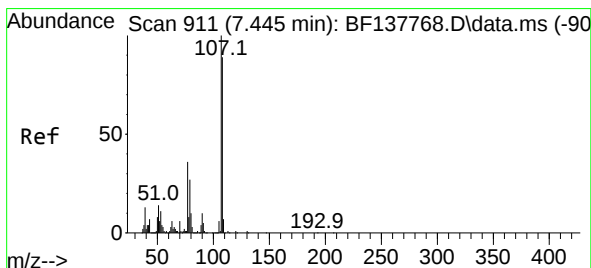
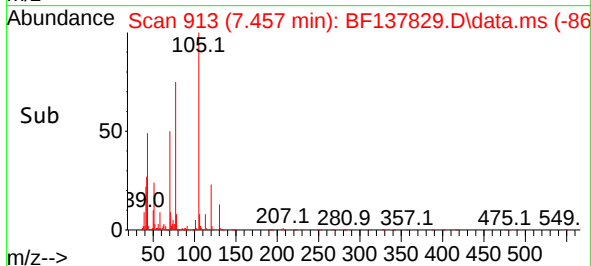
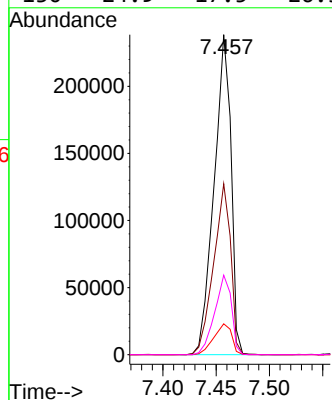
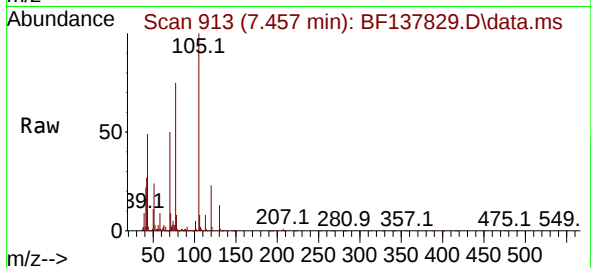
PB160706BS

Tgt Ion: 70 Resp: 262150
Ion Ratio Lower Upper
70 100
42 53.4 44.6 66.8
101 9.6 7.8 11.6
130 24.9 17.5 26.3

Manual Integrations

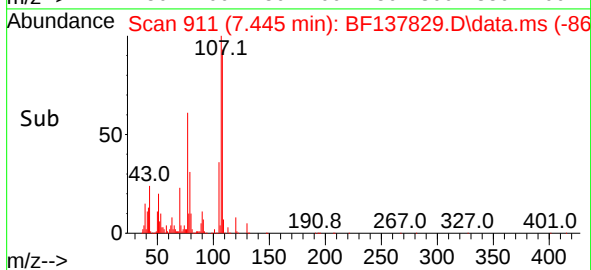
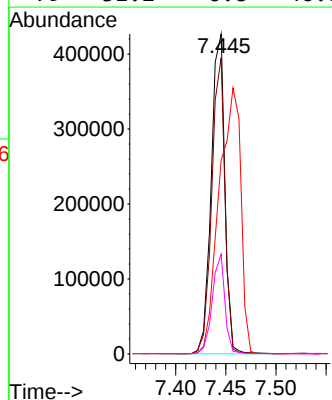
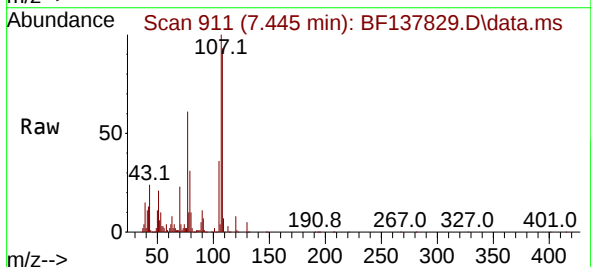
APPROVED

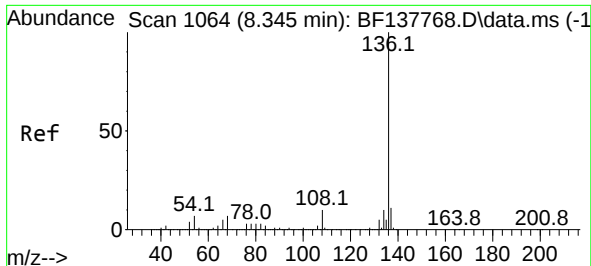
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#20
3+4-Methylphenols
Concen: 39.045 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:107 Resp: 404053
Ion Ratio Lower Upper
107 100
108 92.6 69.3 109.3
77 60.6 15.7 55.7#
79 31.2 6.8 46.8





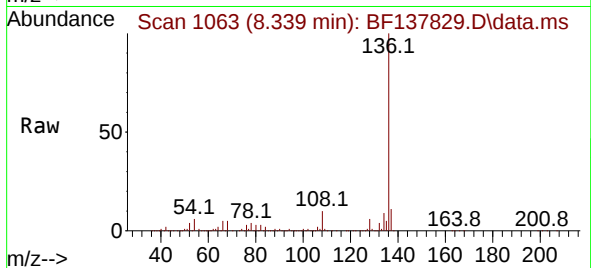
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



Tgt Ion:136 Resp: 582210

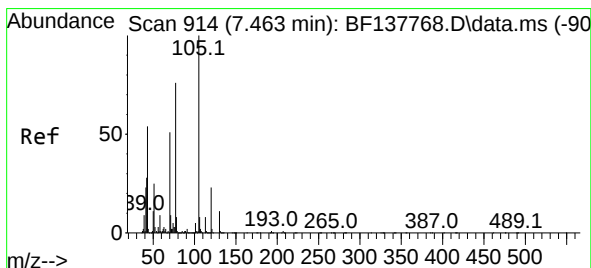
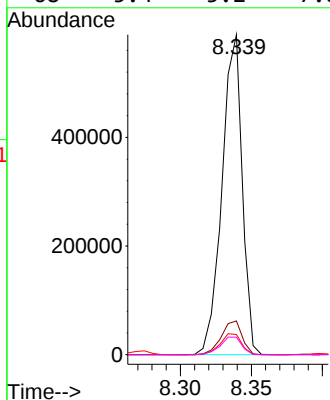
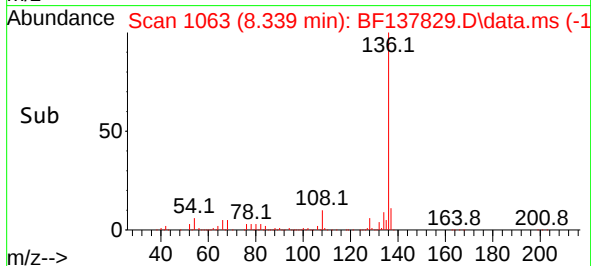
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.3	5.8	8.8
68	5.4	5.2	7.8

Manual Integrations

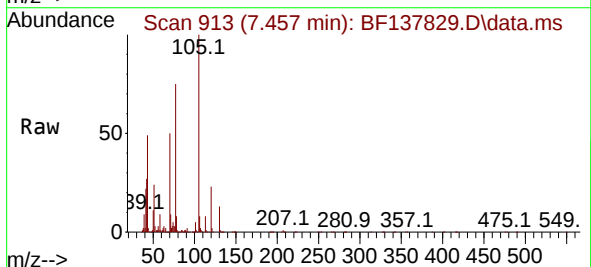
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024

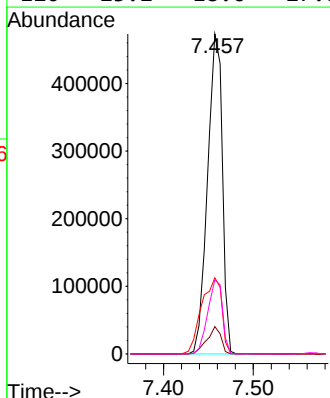
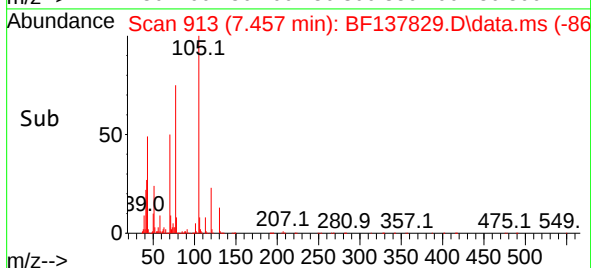


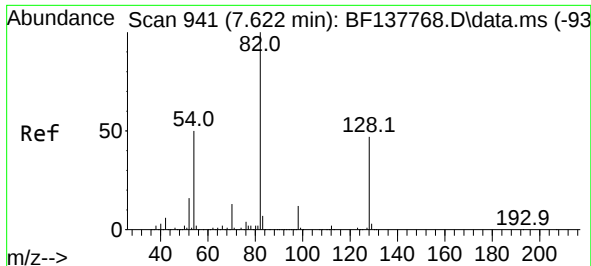
#22
Acetophenone
Concen: 41.374 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:105 Resp: 541755

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.9	10.3
51	23.8	20.2	30.2
120	23.2	18.6	27.8





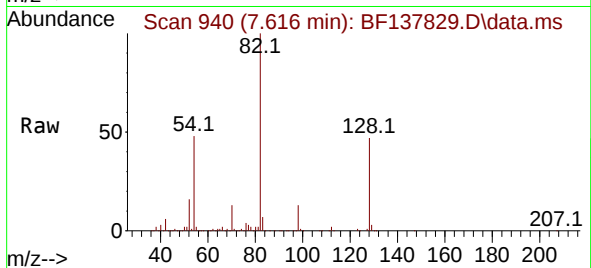
#23
Nitrobenzene-d5
Concen: 77.903 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

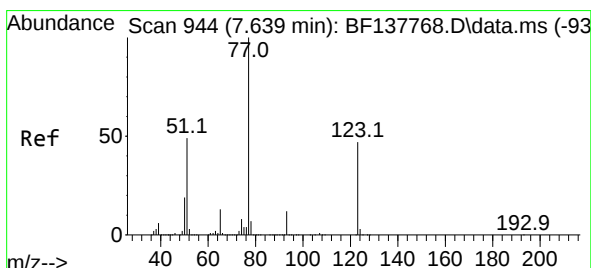
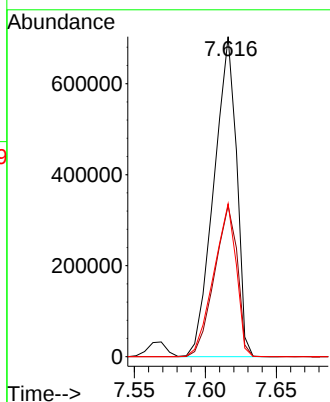
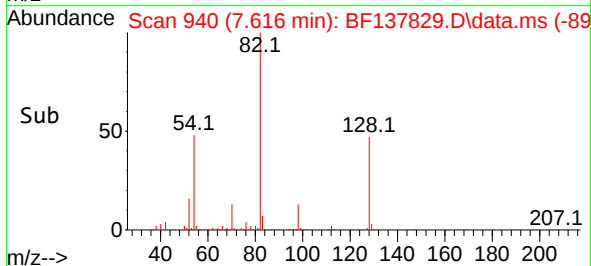
PB160706BS



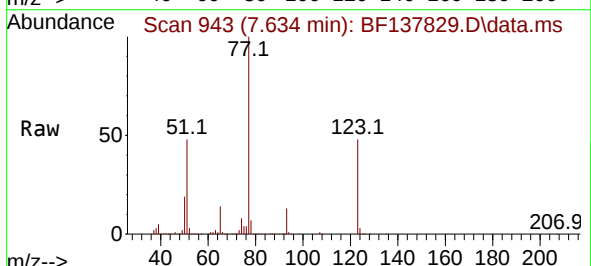
Tgt Ion: 82 Resp: 780682
Ion Ratio Lower Upper
82 100
128 47.2 37.5 56.3
54 47.8 39.8 59.6

Manual Integrations
APPROVED

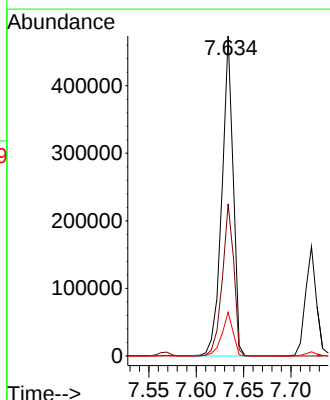
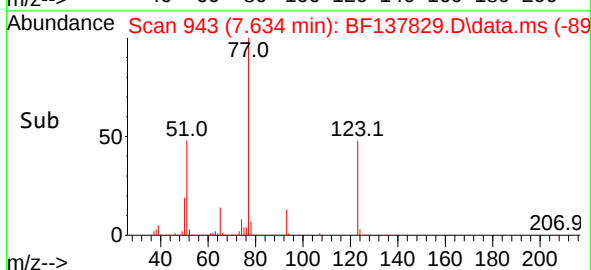
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

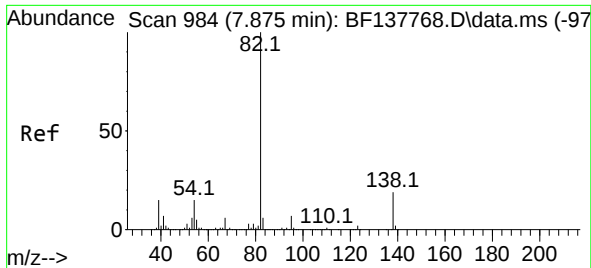


#24
Nitrobenzene
Concen: 38.289 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion: 77 Resp: 395463
Ion Ratio Lower Upper
77 100
123 47.5 37.4 56.2
65 13.7 10.7 16.1





#25
Isophorone
Concen: 40.104 ng
RT: 7.869 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

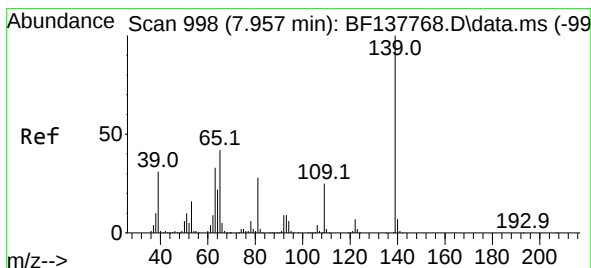
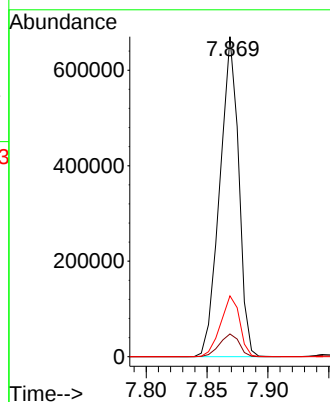
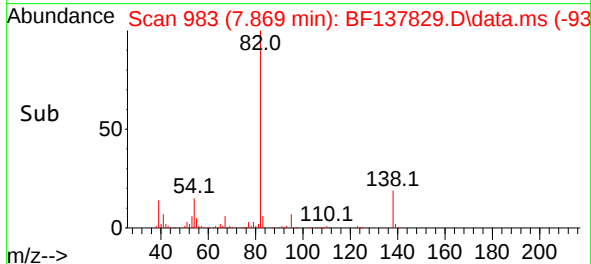
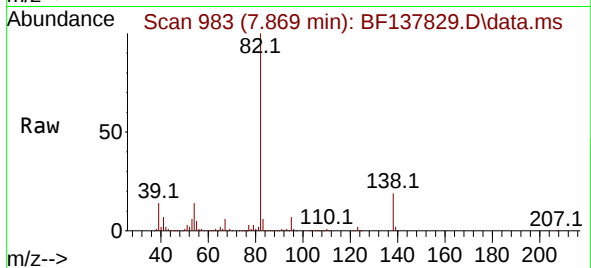
PB160706BS

Tgt Ion: 82 Resp: 724608
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 15.0 22.6

Manual Integrations

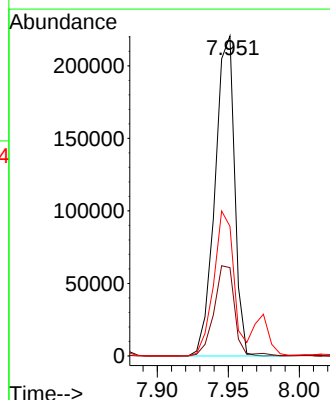
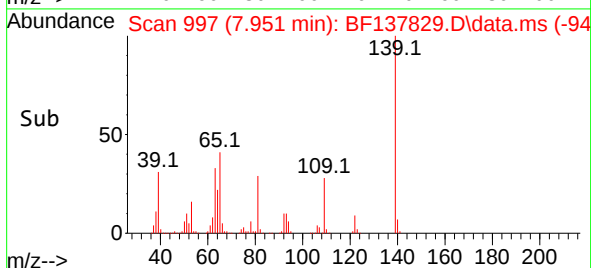
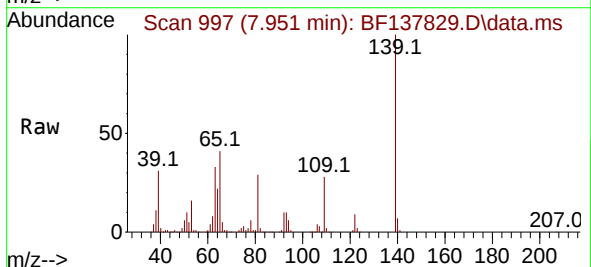
APPROVED

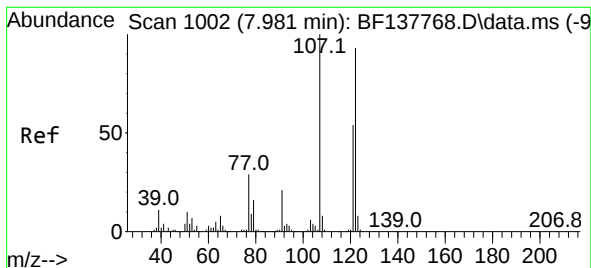
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#26
2-Nitrophenol
Concen: 45.302 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:139 Resp: 211884
Ion Ratio Lower Upper
139 100
109 27.6 20.2 30.2
65 40.5 33.4 50.0





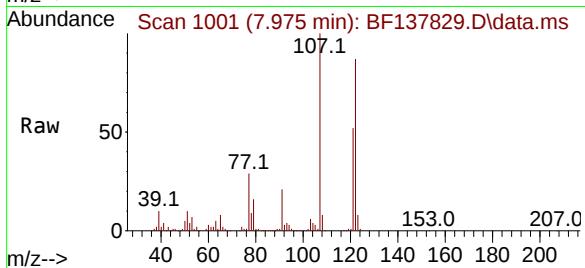
#27
2,4-Dimethylphenol
Concen: 43.611 ng
RT: 7.975 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



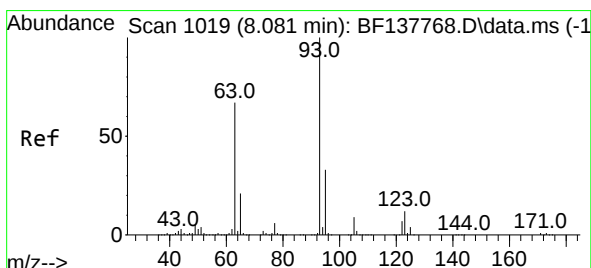
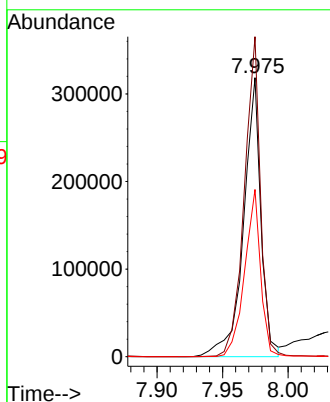
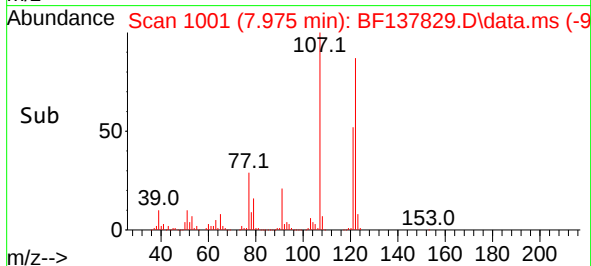
Tgt Ion:122 Resp: 293652
Ion Ratio Lower Upper
122 100
107 114.7 85.8 128.8
121 59.9 46.6 69.8

Manual Integrations

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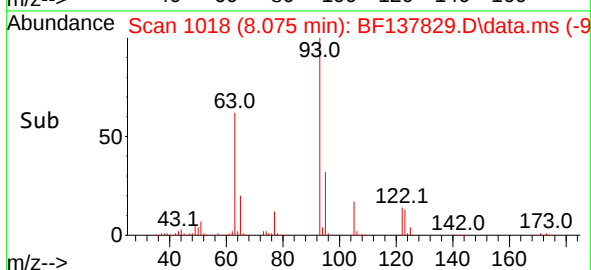
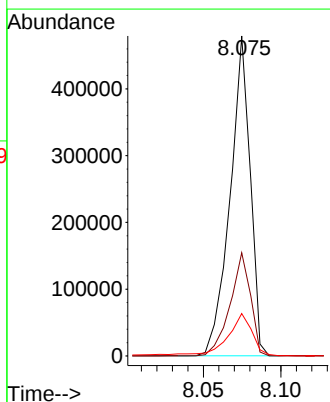
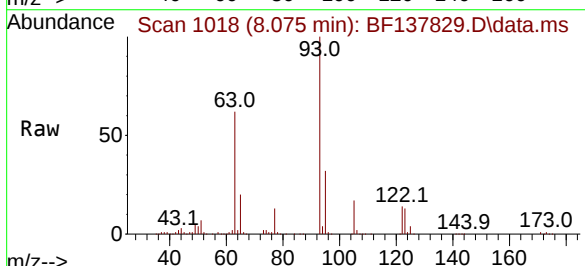
Reviewed By :Yogesh Patel 05/04/2024

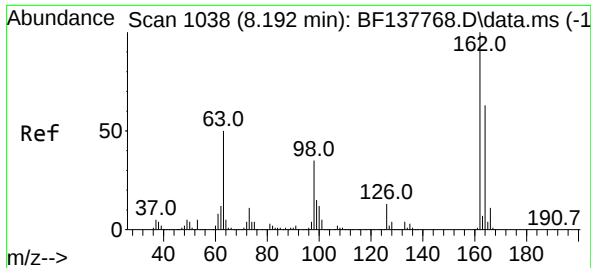
Supervised By :mohammad ahmed 05/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.535 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 93 Resp: 432503
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.709 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

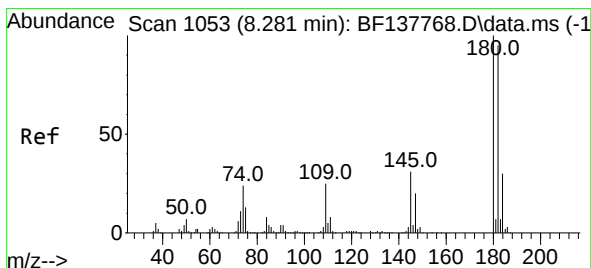
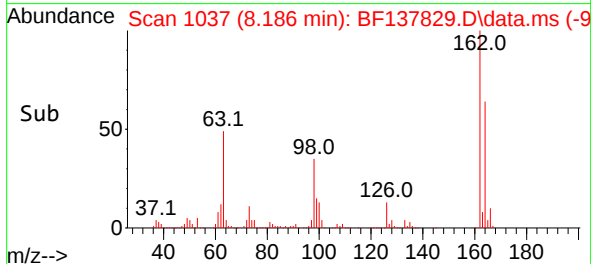
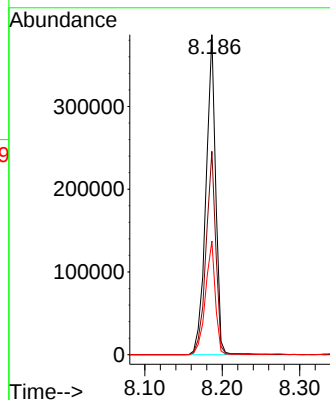
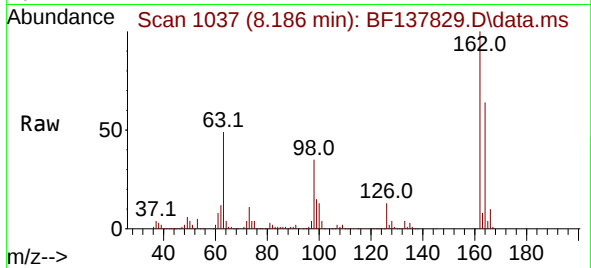
Tgt Ion:162 Resp: 339460
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.5 83.5
 98 35.5 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.757 ng

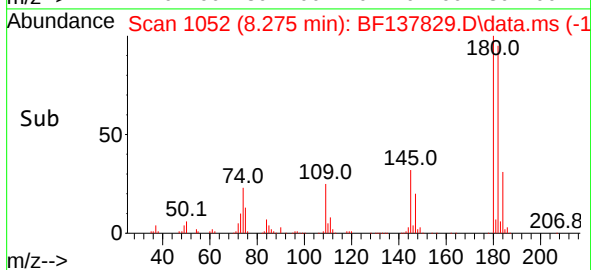
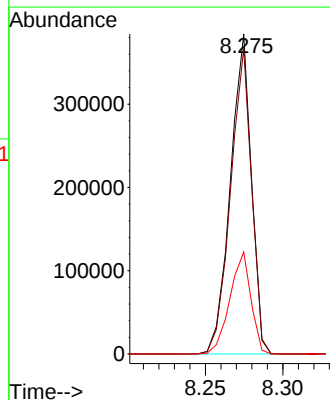
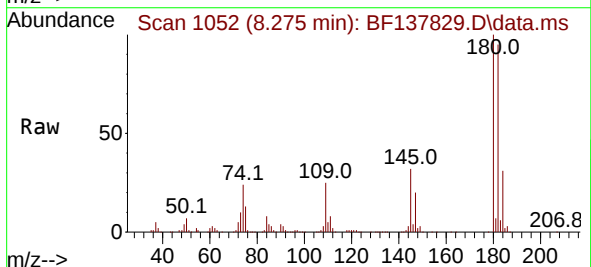
RT: 8.275 min Scan# 1052

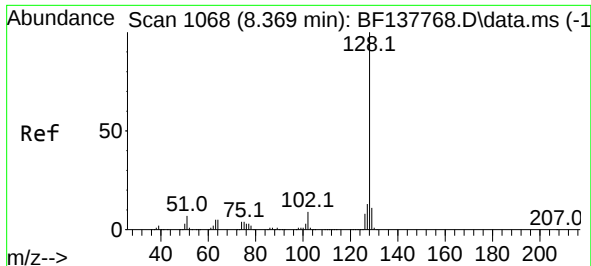
Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:180 Resp: 361610
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.2
 145 31.9 25.1 37.7





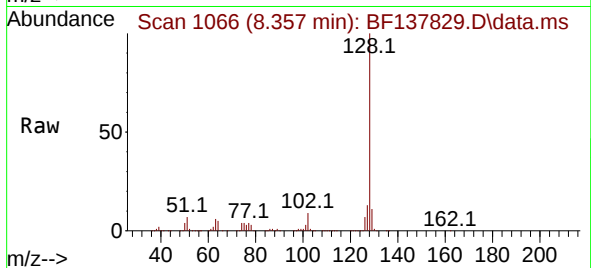
#31
Naphthalene
Concen: 40.772 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



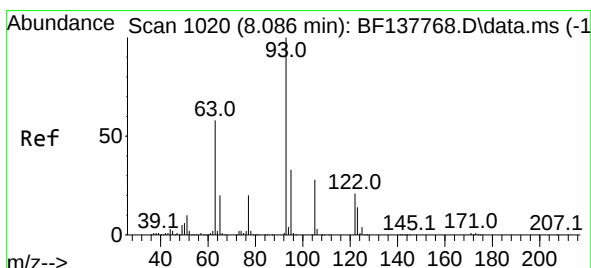
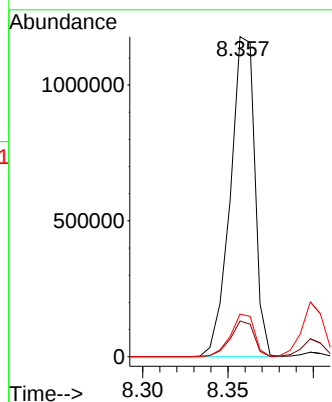
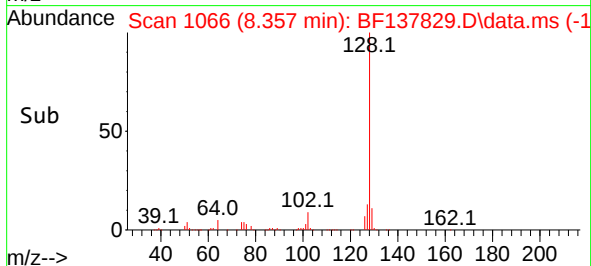
Tgt Ion:128 Resp: 1179678
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0

Manual Integrations

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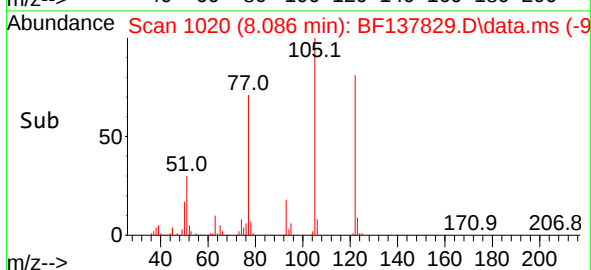
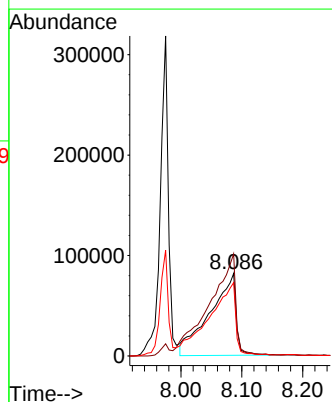
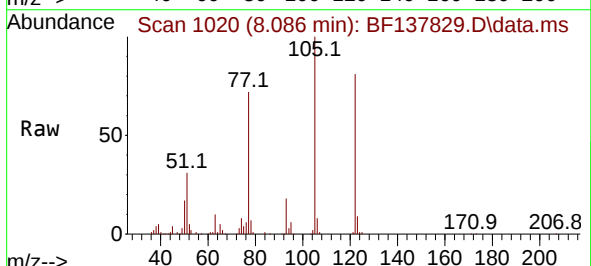
Reviewed By :Yogesh Patel 05/04/2024

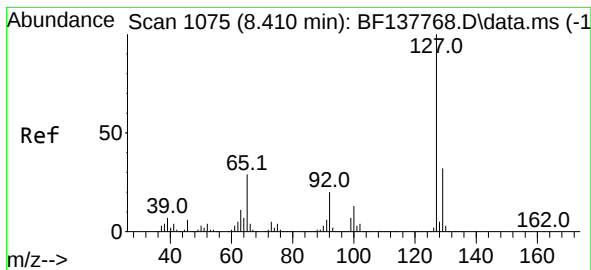
Supervised By :mohammad ahmed 05/06/2024



#32
Benzoic acid
Concen: 41.719 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:122 Resp: 242341
Ion Ratio Lower Upper
122 100
105 124.0 105.3 145.3
77 89.1 73.2 113.2





#33
4-Chloroaniline
Concen: 17.577 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

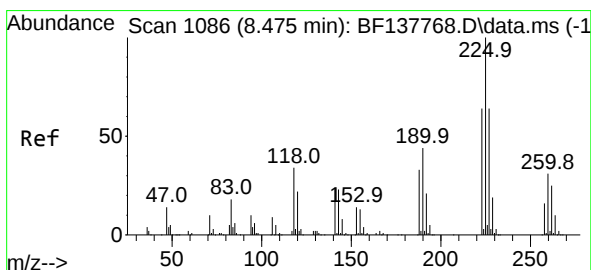
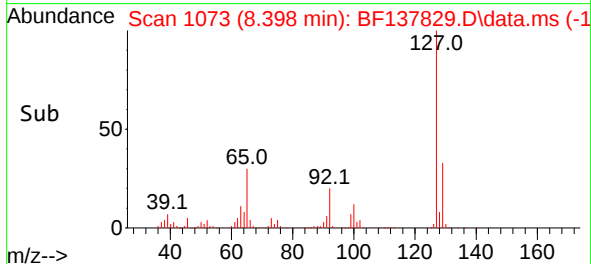
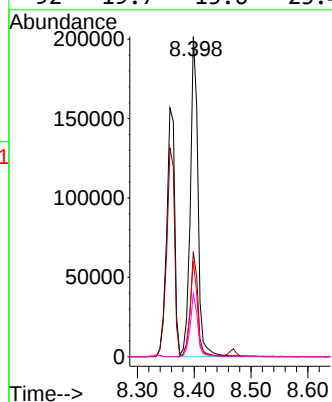
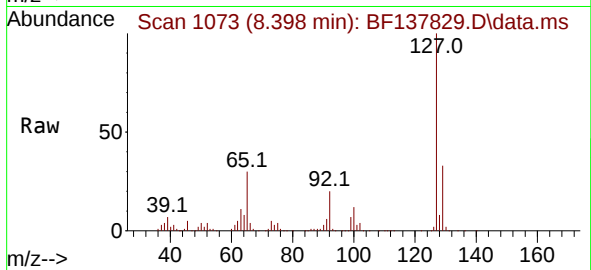
PB160706BS

Tgt Ion:127 Resp: 188590
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 29.9 23.4 35.2
92 19.7 15.6 23.4

Manual Integrations

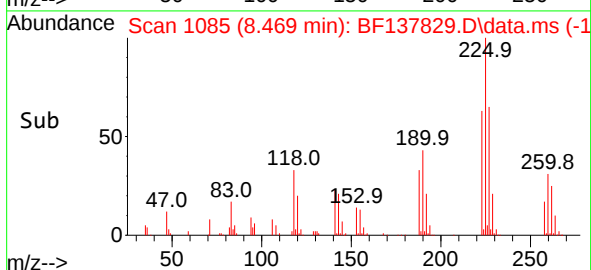
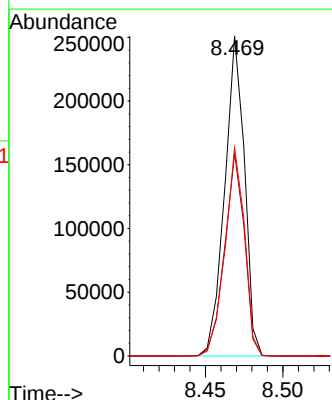
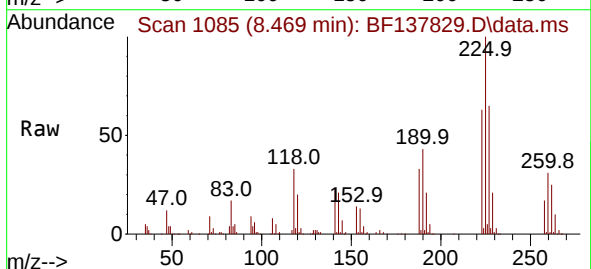
APPROVED

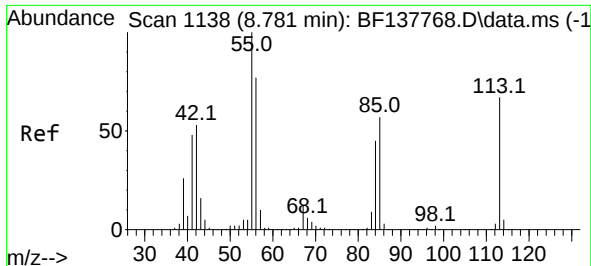
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#34
Hexachlorobutadiene
Concen: 40.853 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:225 Resp: 222532
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 65.1 51.4 77.0





#35
Caprolactam
Concen: 40.355 ng m
RT: 8.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

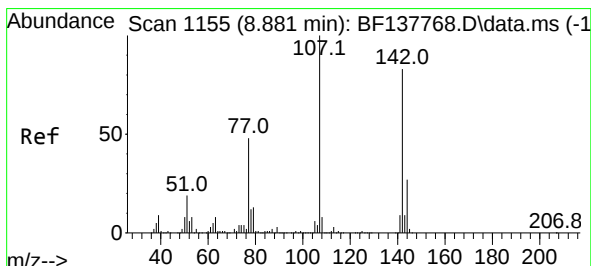
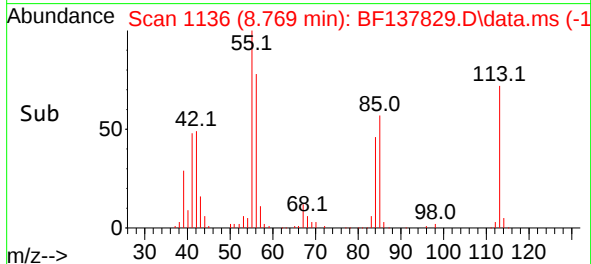
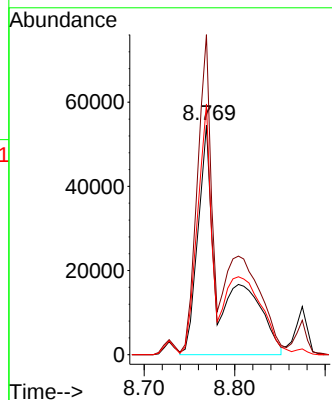
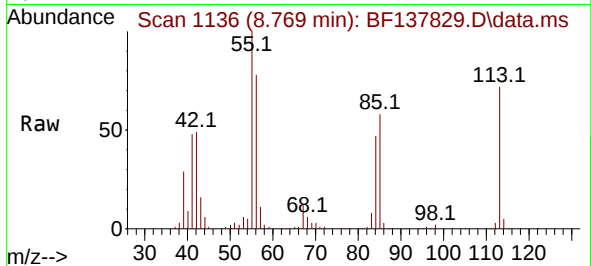
ClientSampleId :

PB160706BS

Tgt Ion:113 Resp: 104062
Ion Ratio Lower Upper
113 100
55 139.4 128.7 168.7
56 109.2 93.9 133.9

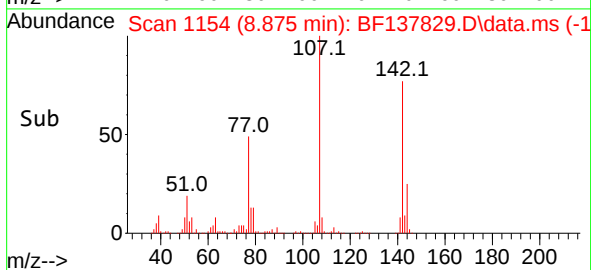
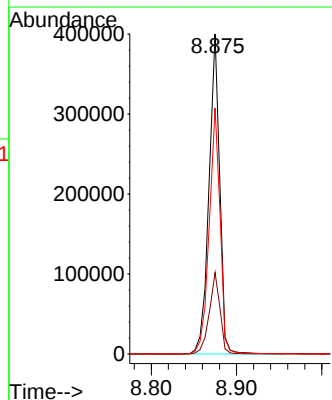
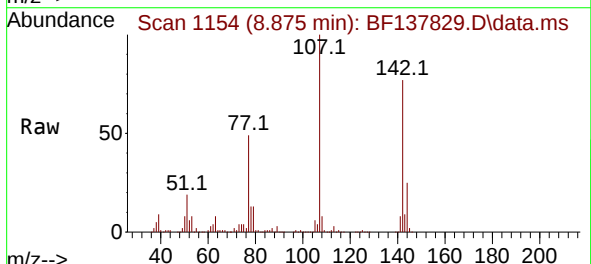
Manual Integrations
APPROVED

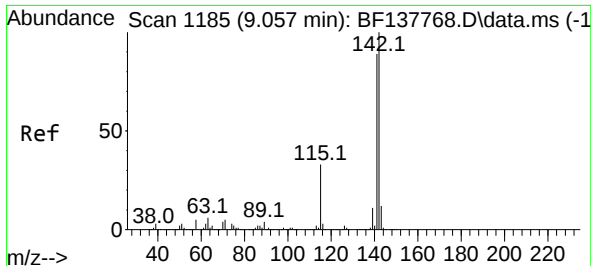
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#36
4-Chloro-3-methylphenol
Concen: 41.393 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:107 Resp: 351310
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.0
142 76.9 66.2 99.2





#37

2-Methylnaphthalene

Concen: 41.333 ng

RT: 9.051 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:142 Resp: 77411

Ion Ratio Lower Upper

142 100

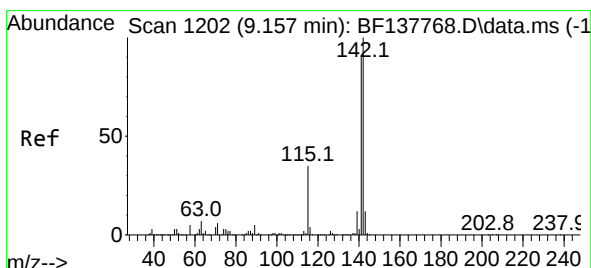
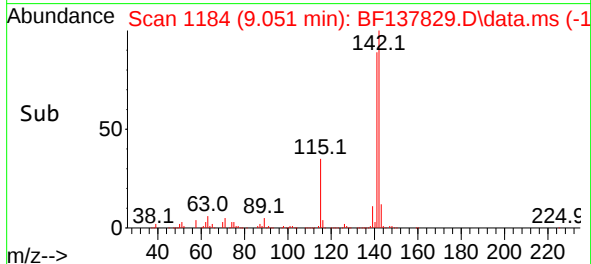
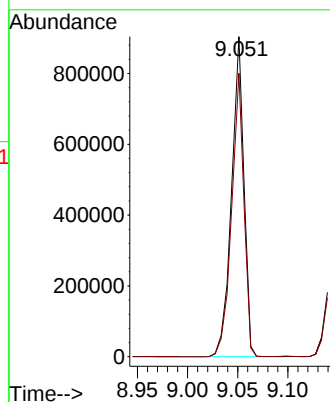
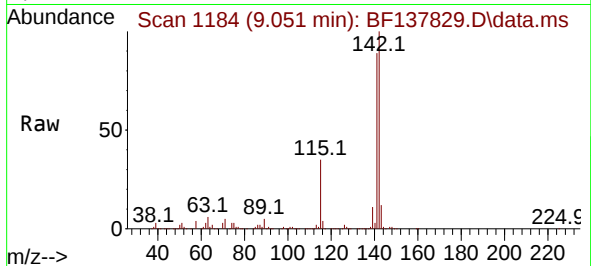
141 88.5 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#38

1-Methylnaphthalene

Concen: 38.609 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137829.D

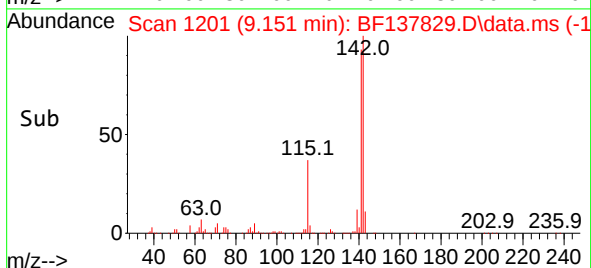
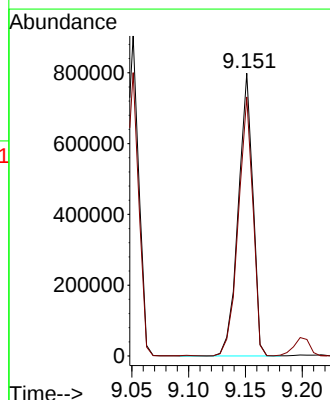
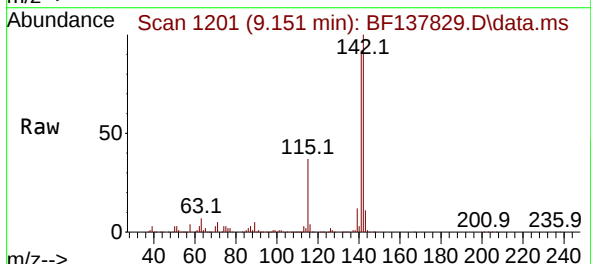
Acq: 03 May 2024 15:04

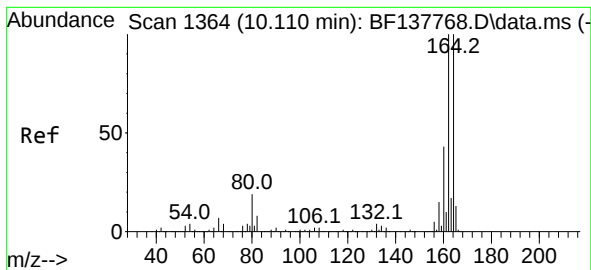
Tgt Ion:142 Resp: 711408

Ion Ratio Lower Upper

142 100

141 91.7 73.1 109.7





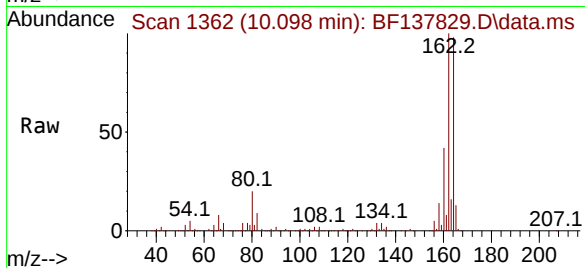
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

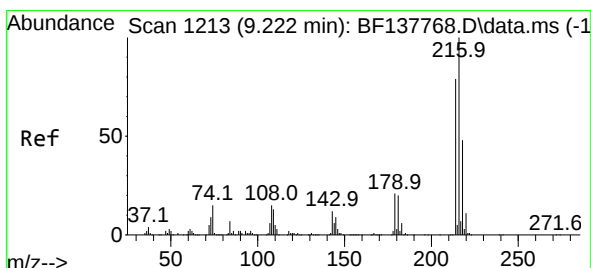
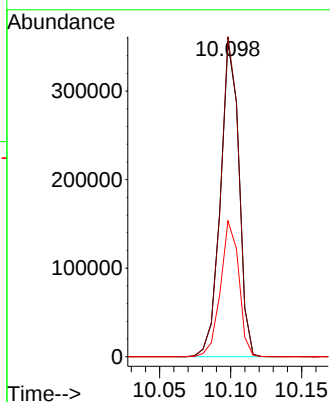
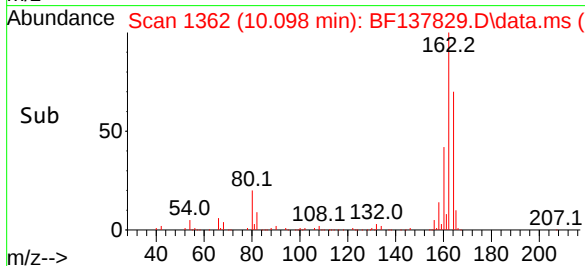


Tgt Ion:164 Resp: 321580
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.6
160 43.2 34.4 51.6

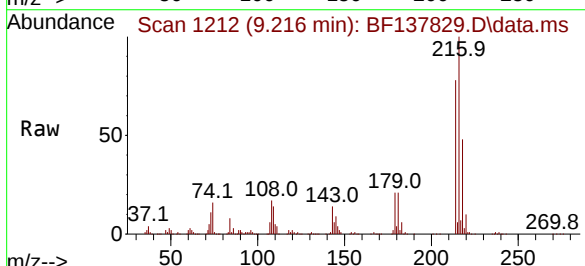
Manual Integrations

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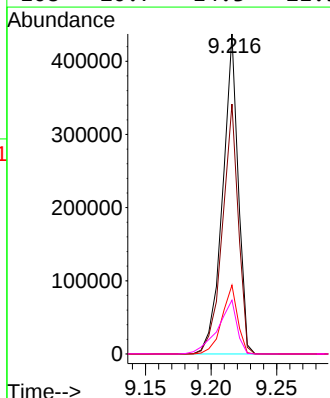
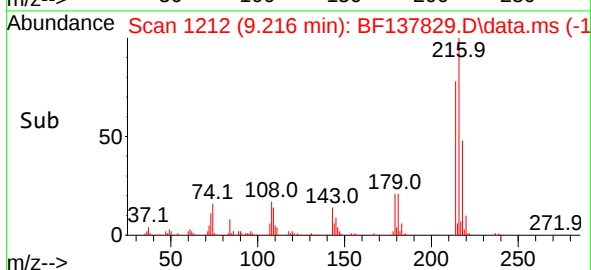
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

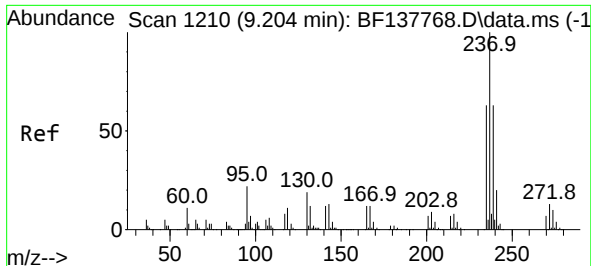


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.308 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:216 Resp: 360350
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 21.5 16.8 25.2
108 20.7 14.3 21.5





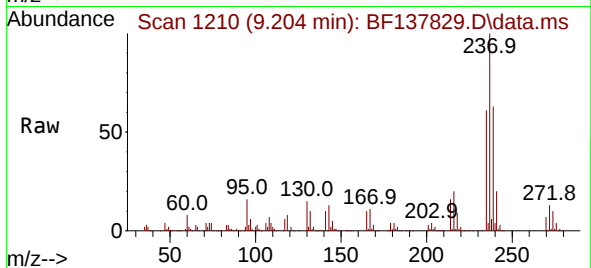
#41
Hexachlorocyclopentadiene
Concen: 130.176 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

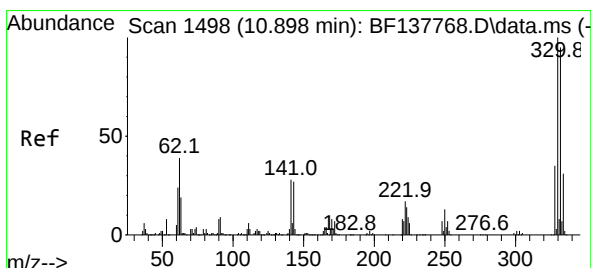
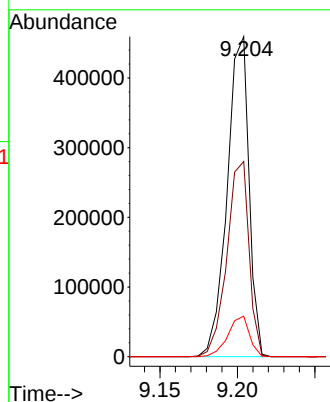
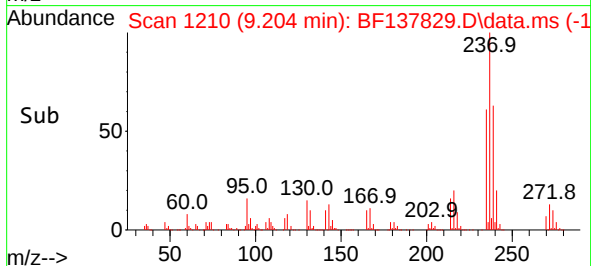


Tgt Ion:237 Resp: 45034
Ion Ratio Lower Upper
237 100
235 61.0 43.0 83.0
272 12.7 0.0 32.8

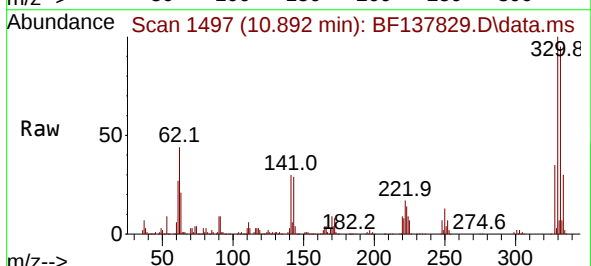
Manual Integrations

APPROVED

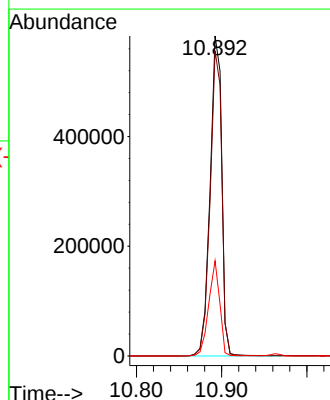
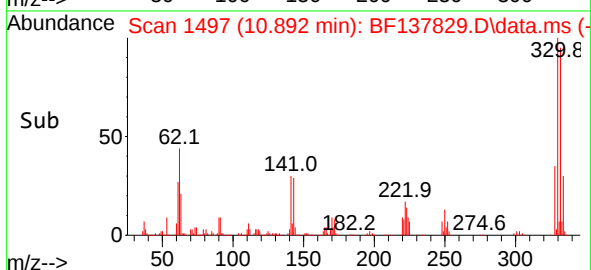
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

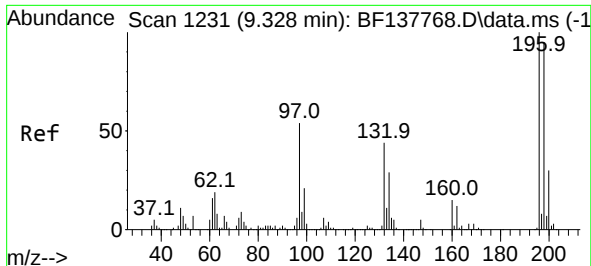


#42
2,4,6-Tribromophenol
Concen: 168.921 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:330 Resp: 554638
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 28.0 23.8 35.6





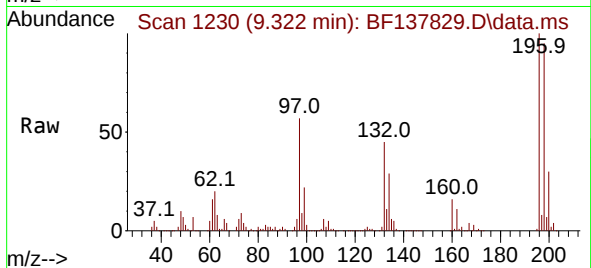
#43
2,4,6-Trichlorophenol
Concen: 42.952 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

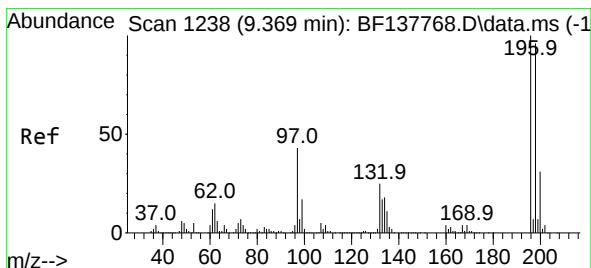
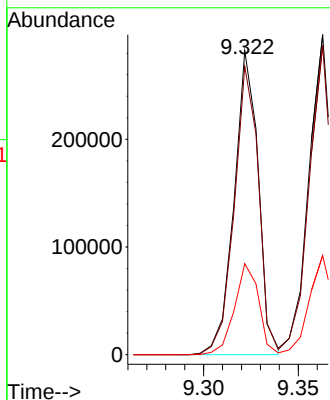
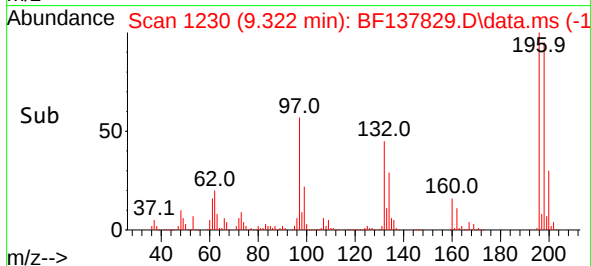


Tgt Ion:196 Resp: 249020
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.4
200 30.0 24.2 36.2

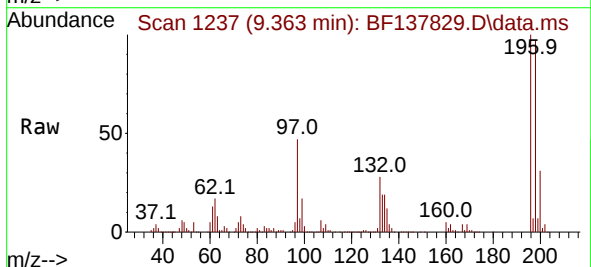
Manual Integrations

APPROVED

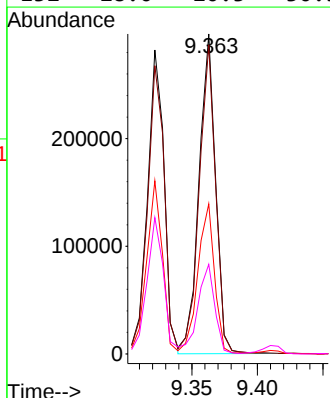
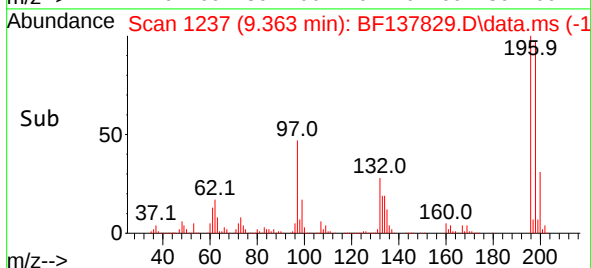
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

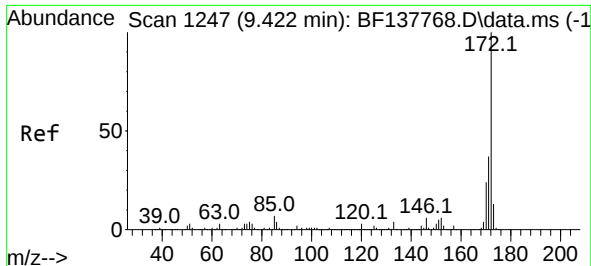


#44
2,4,5-Trichlorophenol
Concen: 40.922 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:196 Resp: 261976
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
97 46.9 34.5 51.7
132 28.0 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 83.408 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

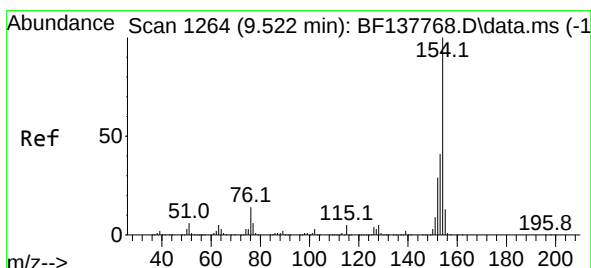
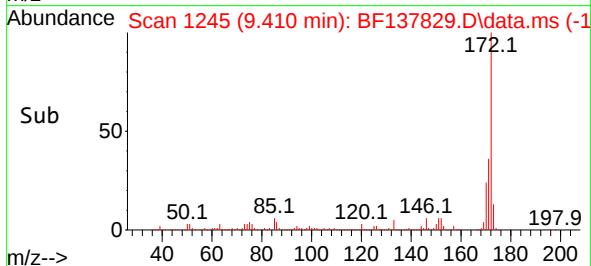
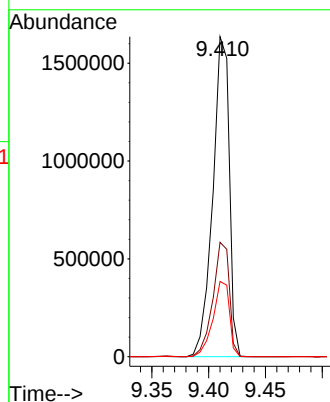
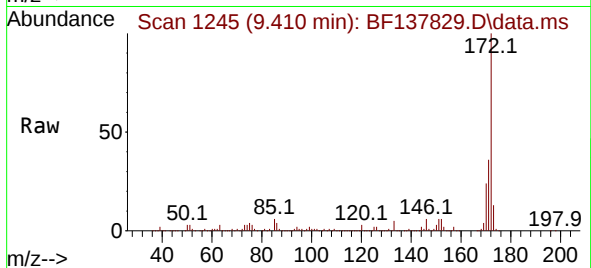
PB160706BS

Tgt Ion:172 Resp: 165328
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.4 29.2

Manual Integrations

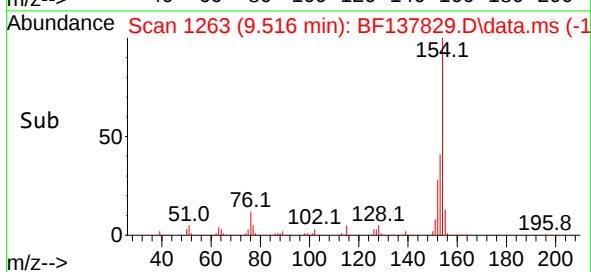
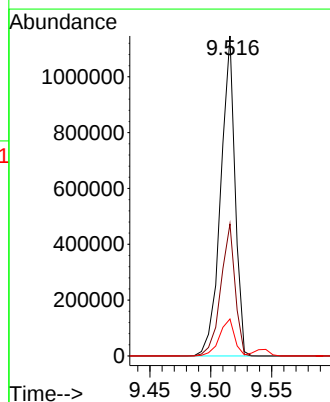
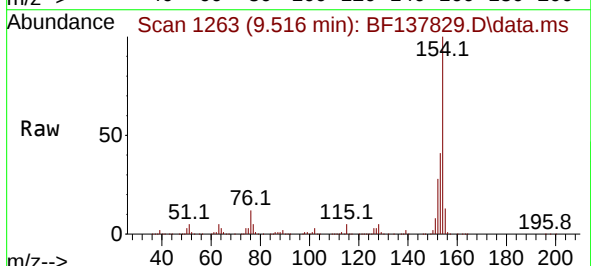
APPROVED

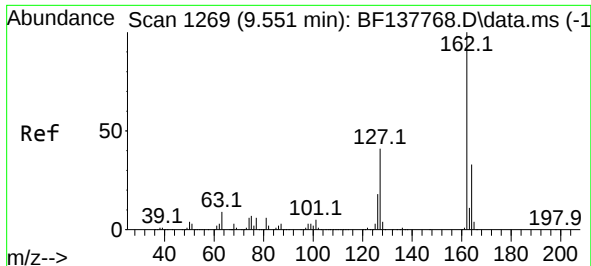
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#46
1,1'-Biphenyl
Concen: 42.749 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:154 Resp: 943445
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 11.5 0.0 33.5





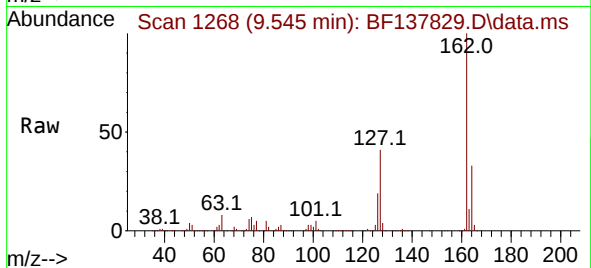
#47
2-Chloronaphthalene
Concen: 40.556 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



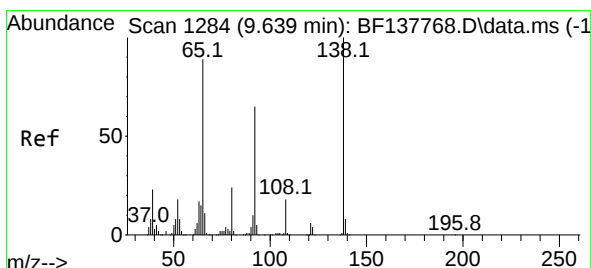
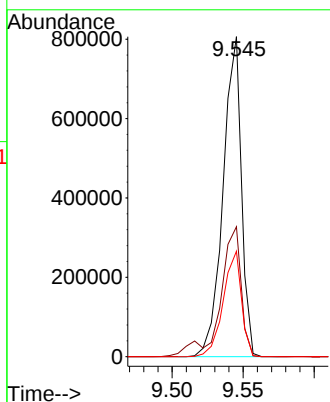
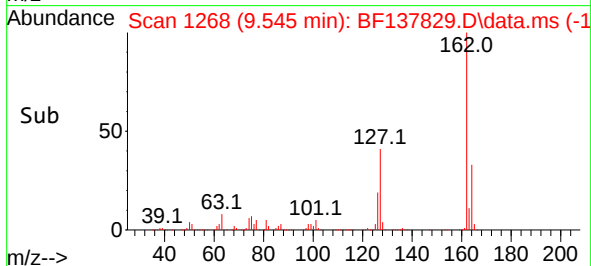
Tgt Ion:162 Resp: 722615
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 33.0 26.5 39.7

Manual Integrations

APPROVED

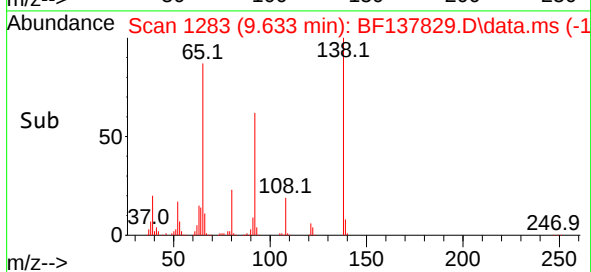
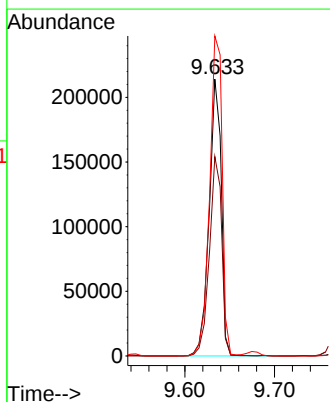
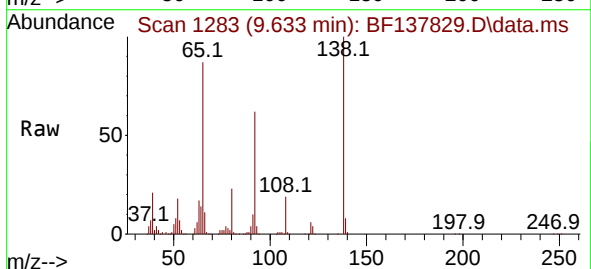
Reviewed By :Yogesh Patel 05/04/2024

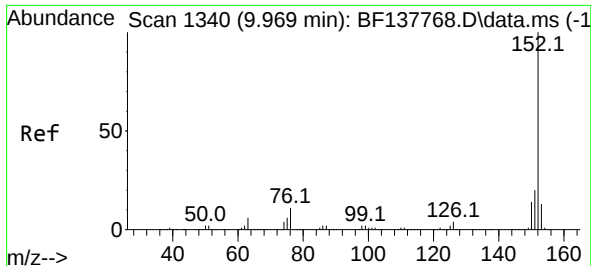
Supervised By :mohammad ahmed 05/06/2024



#48
2-Nitroaniline
Concen: 41.506 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 65 Resp: 200572
Ion Ratio Lower Upper
65 100
92 72.0 58.6 88.0
138 115.6 90.3 135.5





#49

Acenaphthylene

Concen: 44.620 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137829.D

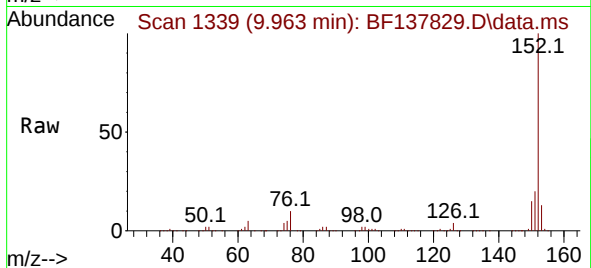
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



Tgt Ion:152 Resp: 115005

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

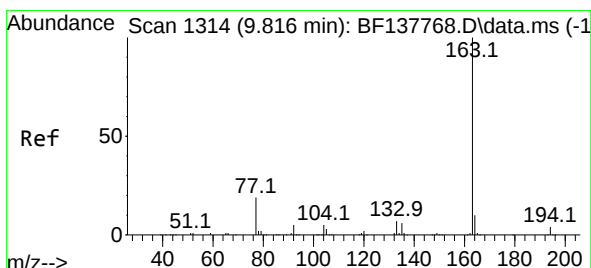
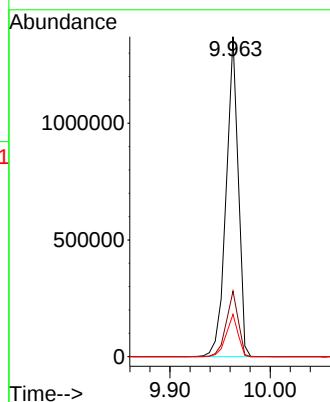
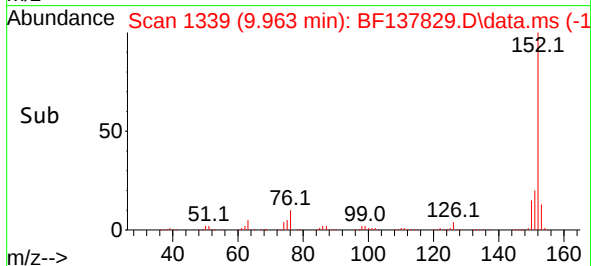
153 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#50

Dimethylphthalate

Concen: 42.600 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

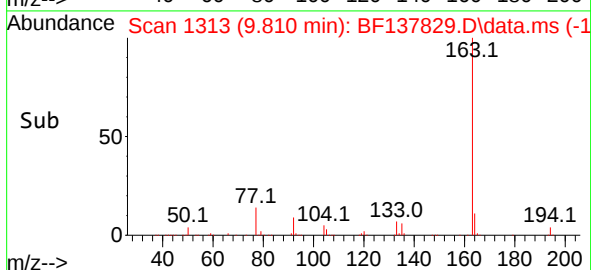
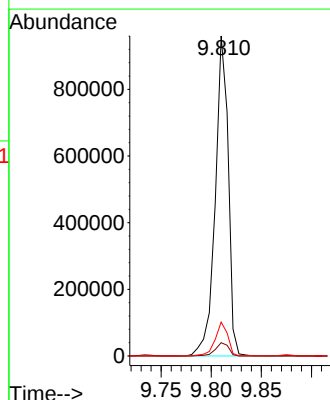
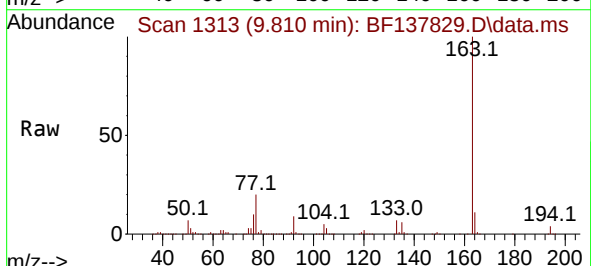
Tgt Ion:163 Resp: 864812

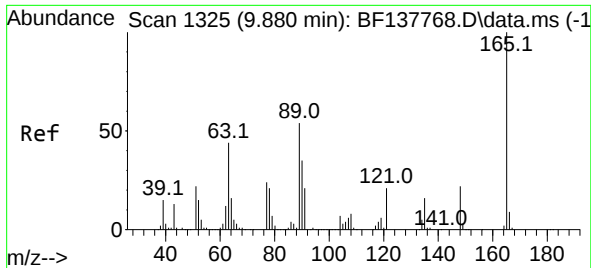
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.090 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

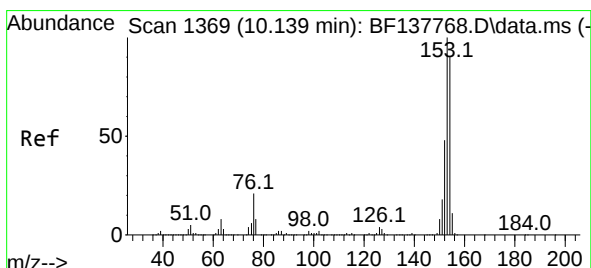
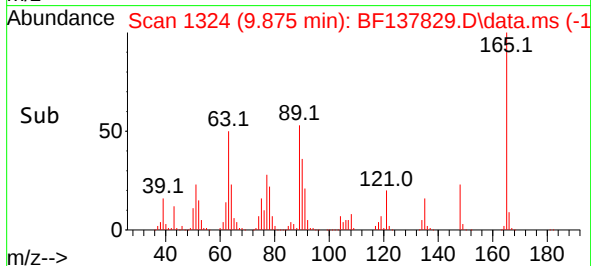
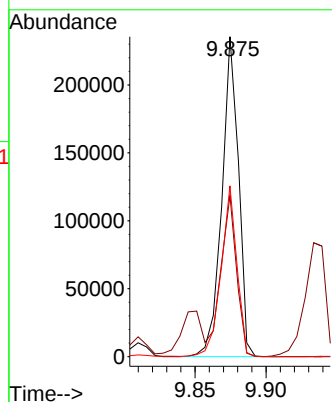
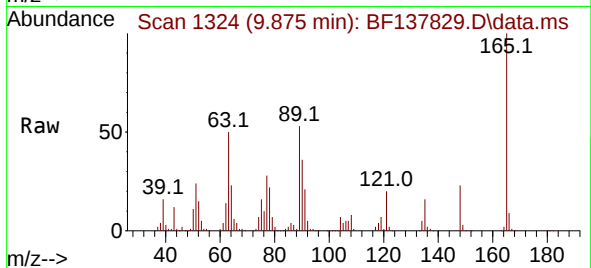
ClientSampleId :

PB160706BS

Tgt Ion:165 Resp: 190634
Ion Ratio Lower Upper
165 100
63 50.3 41.9 62.9
89 53.4 43.2 64.8

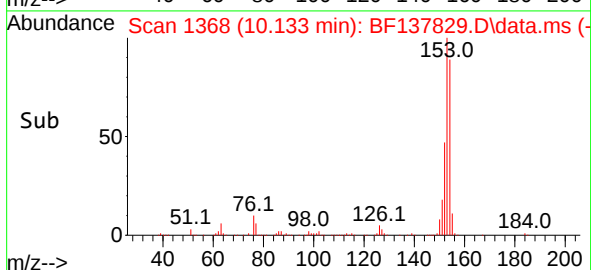
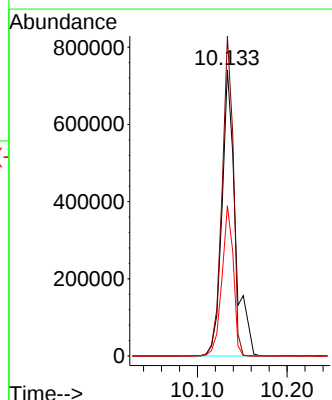
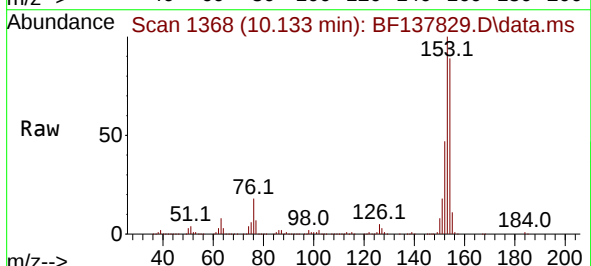
Manual Integrations
APPROVED

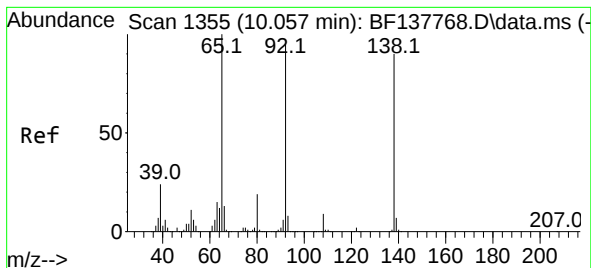
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 44.875 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:154 Resp: 766663
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 52.5 42.8 64.2





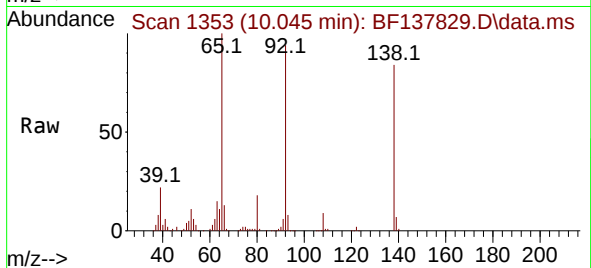
#53
3-Nitroaniline
Concen: 24.049 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



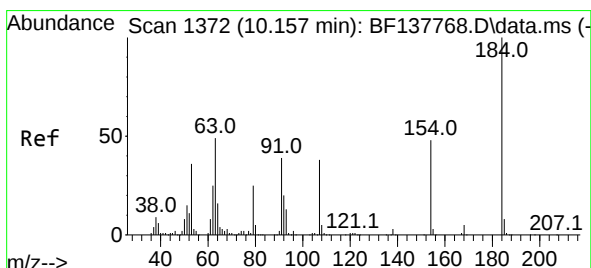
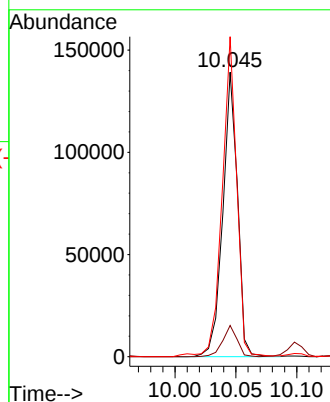
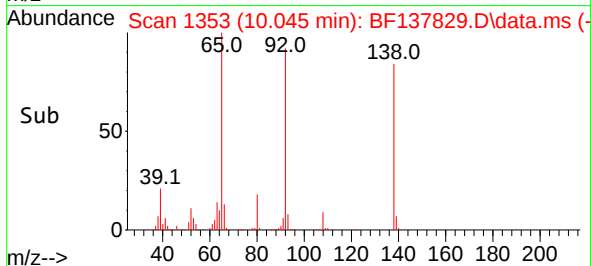
Tgt Ion:138 Resp: 116840
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.6
92 112.5 84.6 126.8

Manual Integrations

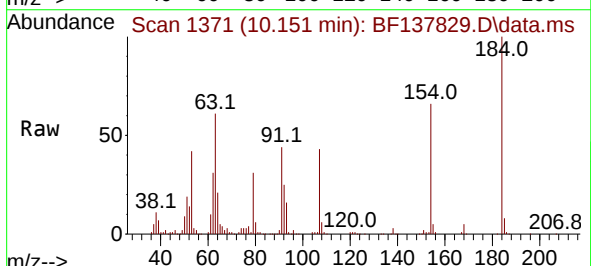
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

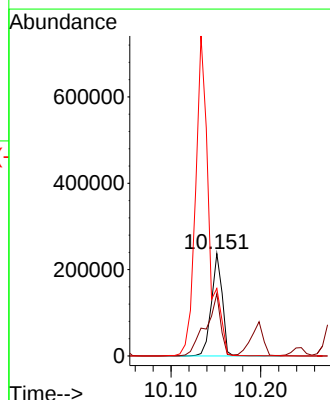
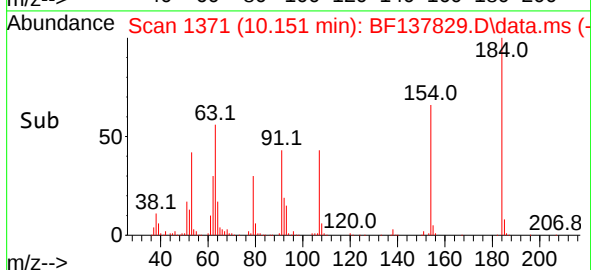
Supervised By :mohammad ahmed 05/06/2024

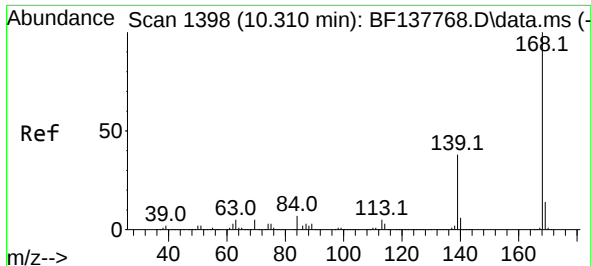


#54
2,4-Dinitrophenol
Concen: 87.396 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



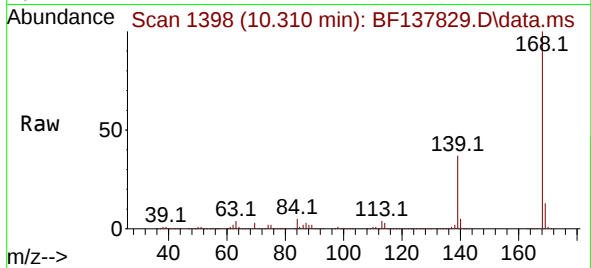
Tgt Ion:184 Resp: 199230
Ion Ratio Lower Upper
184 100
63 60.7 40.3 60.5#
154 65.9 45.2 67.8





#55
Dibenzenofuran
Concen: 41.638 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

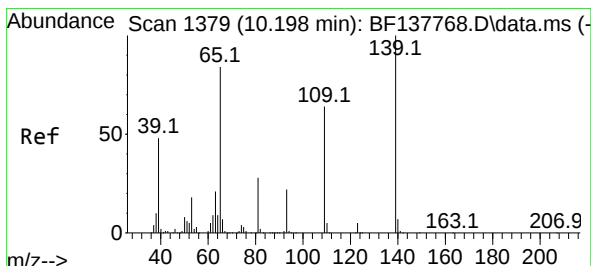
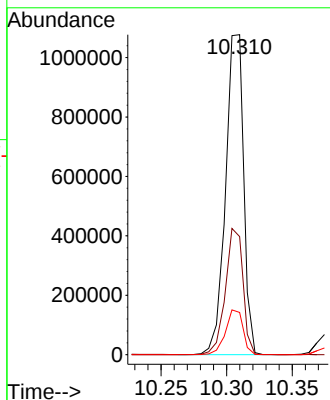
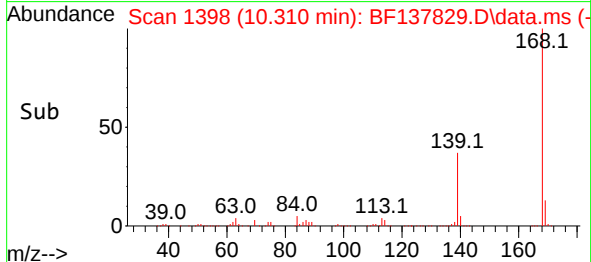
Instrument :
BNA_F
ClientSampleId :
PB160706BS



Tgt Ion:168 Resp: 1035204
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.4
169 13.2 11.4 17.0

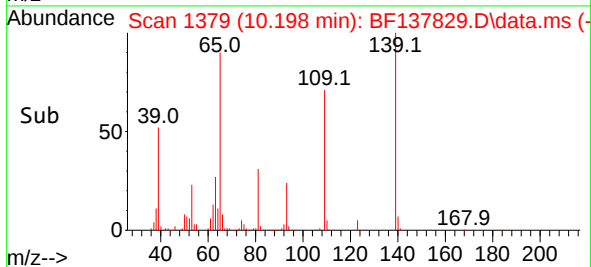
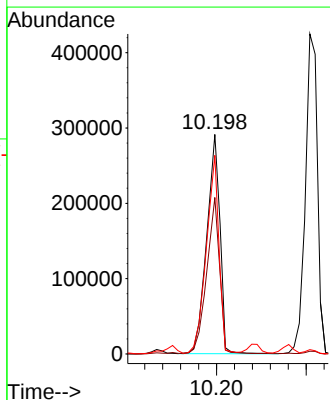
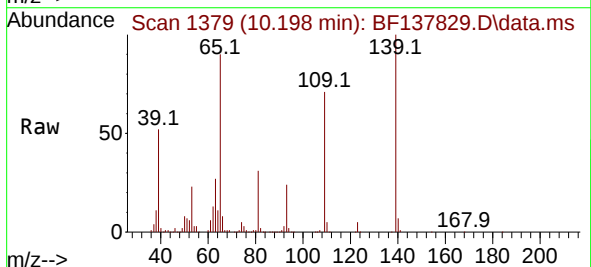
Manual Integrations
APPROVED

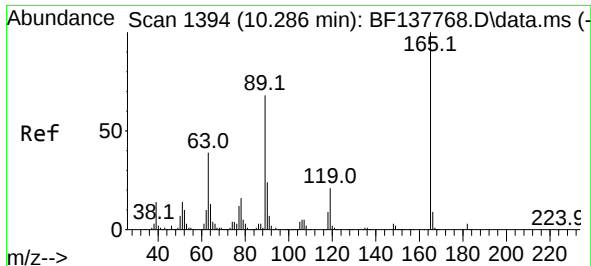
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#56
4-Nitrophenol
Concen: 74.251 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:139 Resp: 298987
Ion Ratio Lower Upper
139 100
109 71.3 44.0 84.0
65 90.4 64.3 104.3





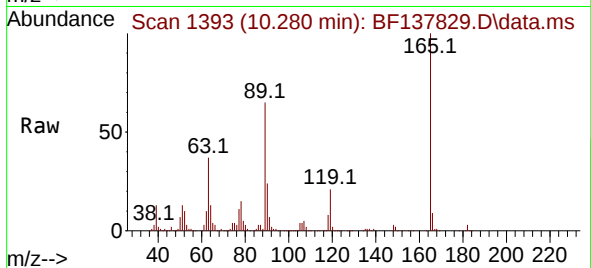
#57
2,4-Dinitrotoluene
Concen: 42.309 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



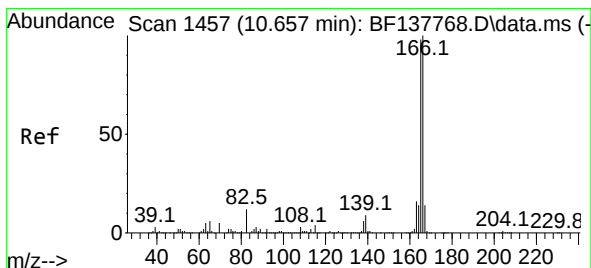
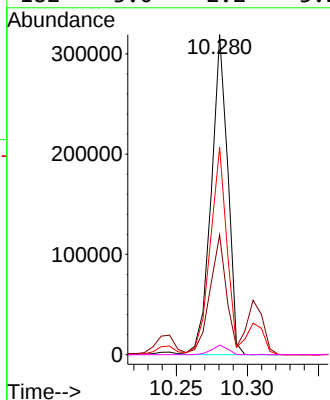
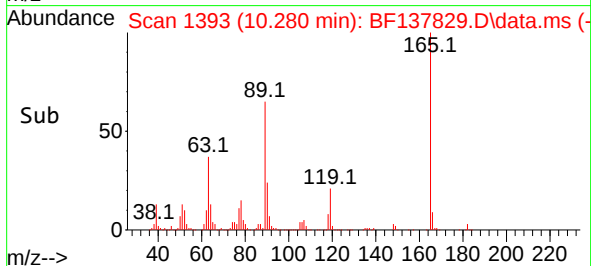
Tgt Ion:165 Resp: 25643
Ion Ratio Lower Upper
165 100
63 37.4 31.3 46.9
89 64.9 54.2 81.4
182 3.0 2.2 3.2

Manual Integrations

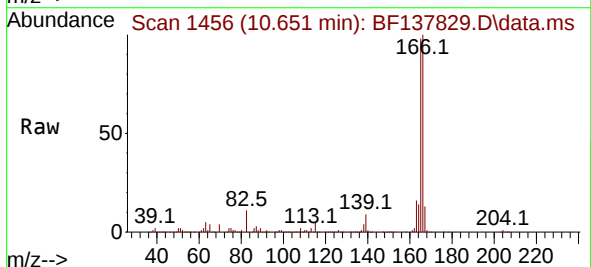
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

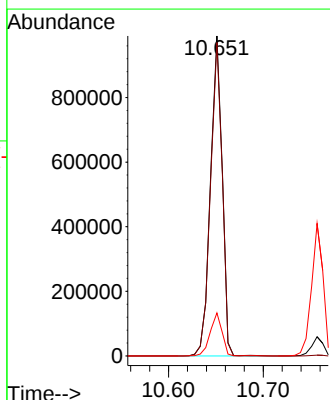
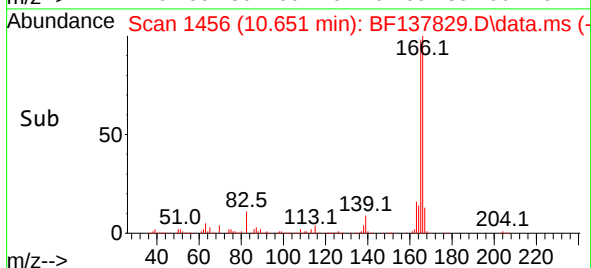
Supervised By :mohammad ahmed 05/06/2024

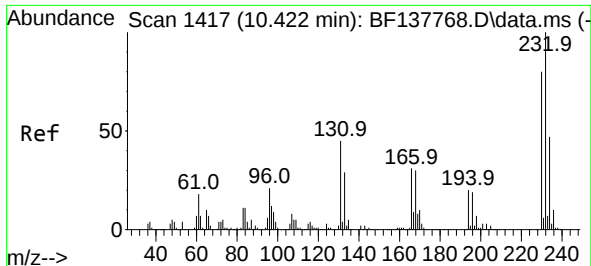


#58
Fluorene
Concen: 42.996 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



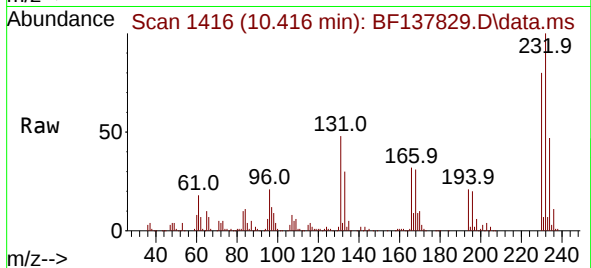
Tgt Ion:166 Resp: 850737
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.171 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

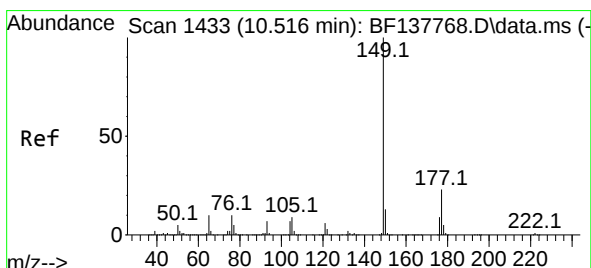
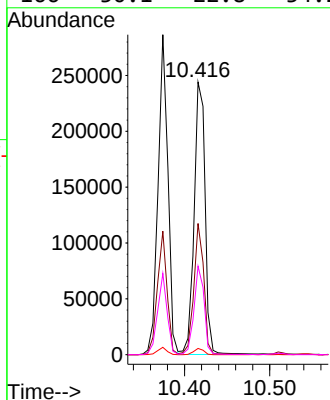
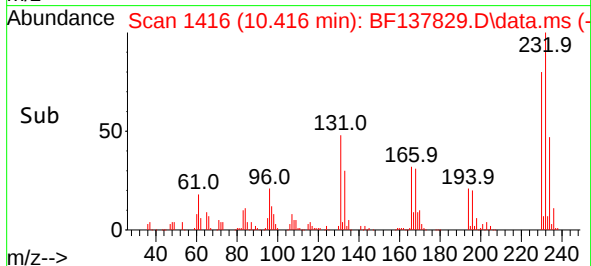
Instrument :
BNA_F
ClientSampleId :
PB160706BS



Tgt Ion:232 Resp: 21917
Ion Ratio Lower Upper
232 100
131 43.4 33.4 50.0
130 2.0 1.7 2.5
166 30.1 22.8 34.2

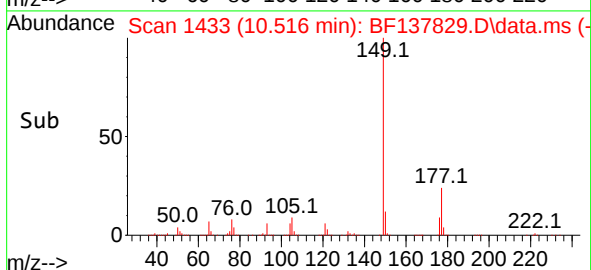
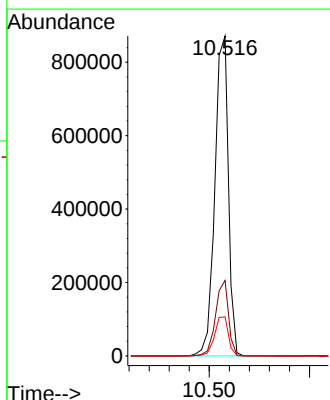
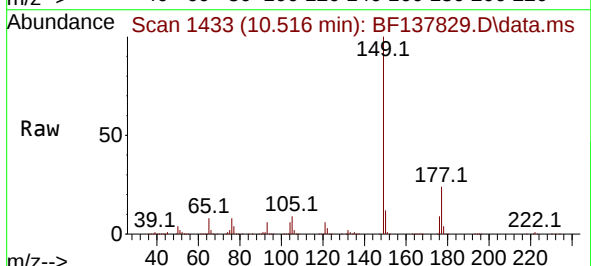
Manual Integrations
APPROVED

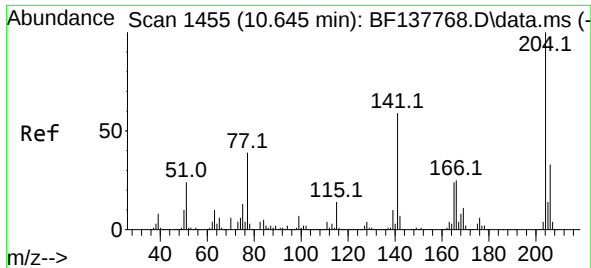
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#60
Diethylphthalate
Concen: 42.266 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

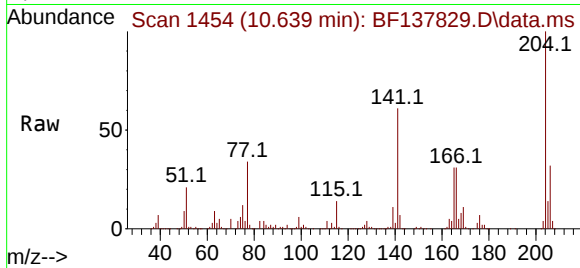
Tgt Ion:149 Resp: 814922
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.2 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 41.488 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

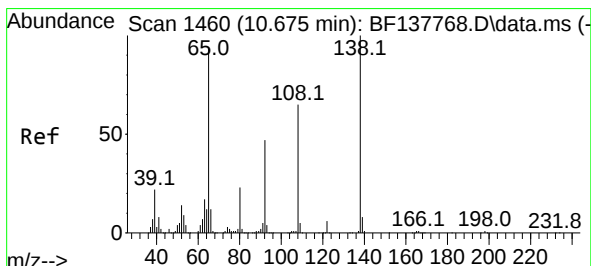
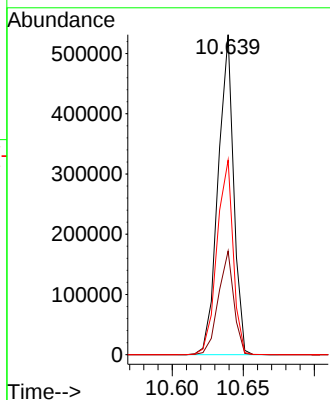
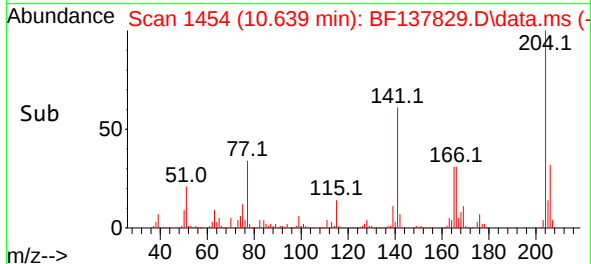
Instrument :
BNA_F
ClientSampleId :
PB160706BS



Tgt Ion:204 Resp: 404480
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 60.8 47.0 70.6

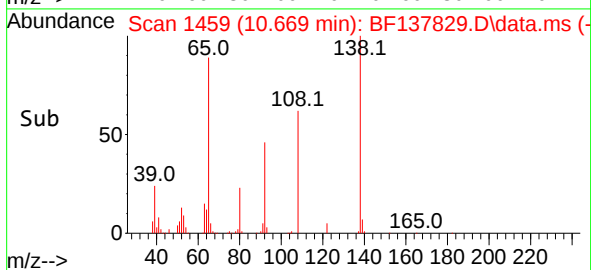
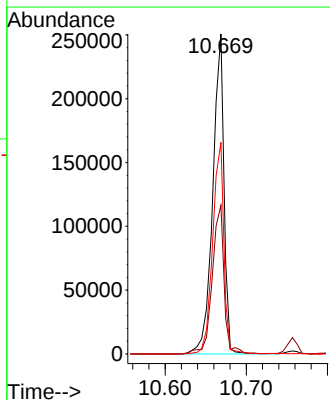
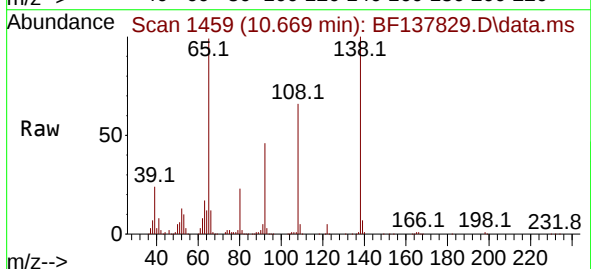
Manual Integrations
APPROVED

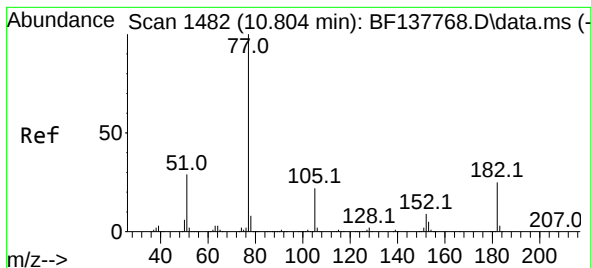
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#62
4-Nitroaniline
Concen: 48.831 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:138 Resp: 240637
Ion Ratio Lower Upper
138 100
92 46.4 26.8 66.8
108 66.1 44.7 84.7





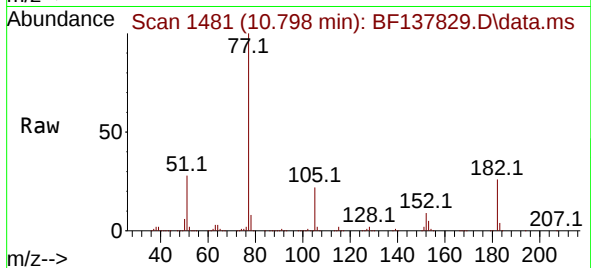
#63
Azobenzene
Concen: 56.863 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



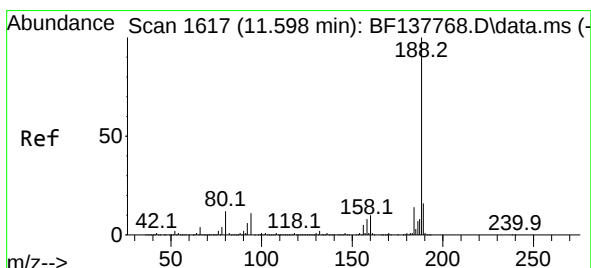
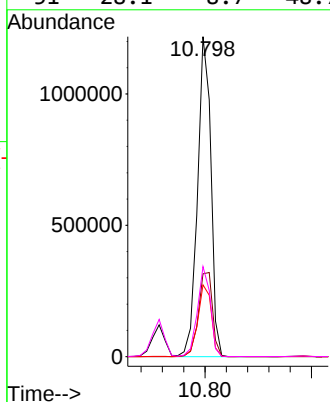
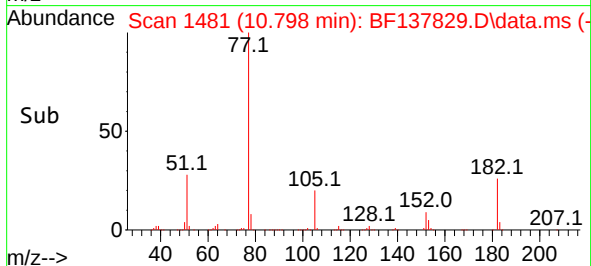
Tgt Ion: 77 Resp: 1059640
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 22.4 2.2 42.2
51 28.1 8.7 48.7

Manual Integrations

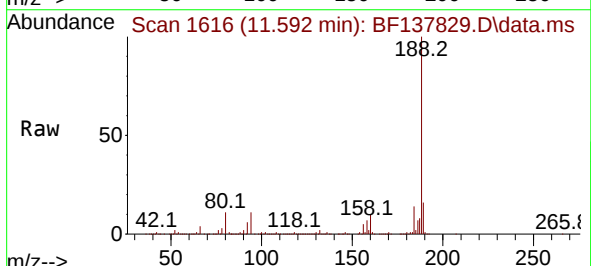
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

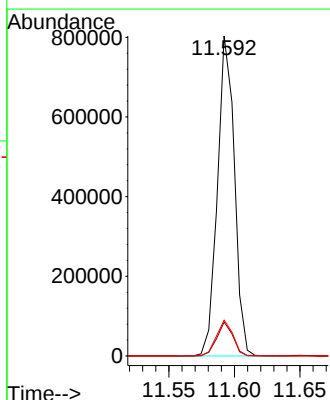
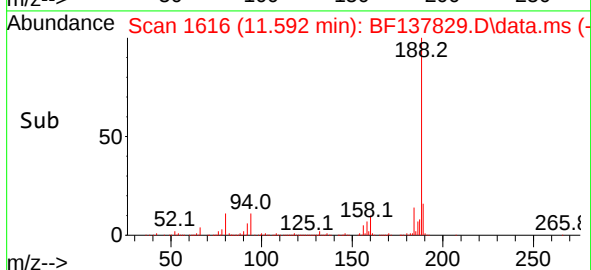
Supervised By :mohammad ahmed 05/06/2024

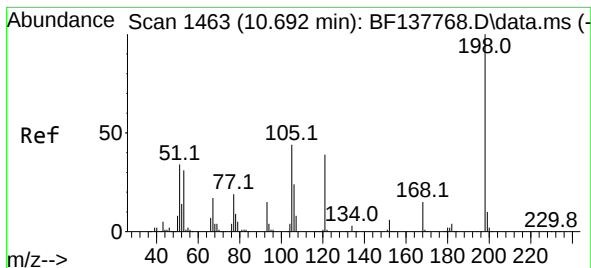


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



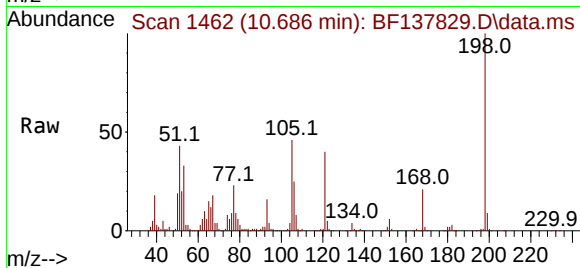
Tgt Ion:188 Resp: 721812
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.2 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.109 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

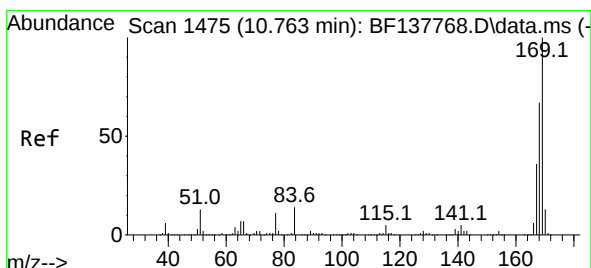
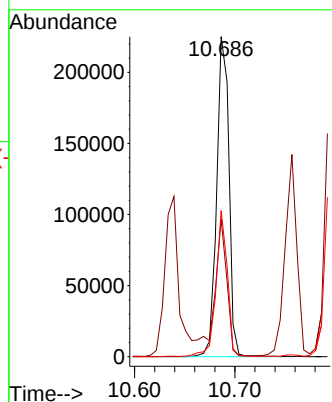
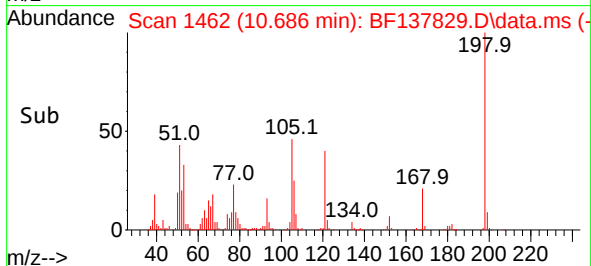
Instrument :
BNA_F
ClientSampleId :
PB160706BS



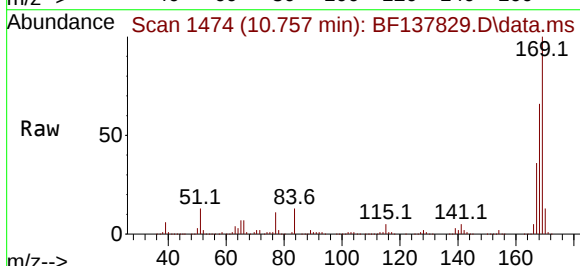
Tgt Ion:198 Resp: 191021
Ion Ratio Lower Upper
198 100
51 43.0 25.1 65.1
105 45.7 24.1 64.1

Manual Integrations
APPROVED

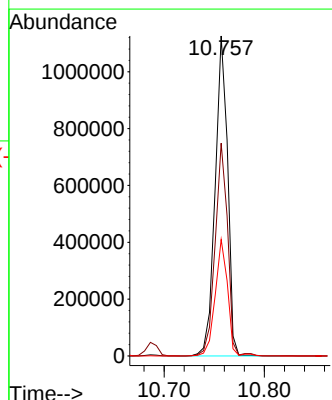
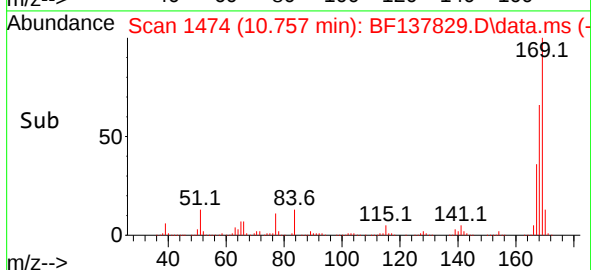
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

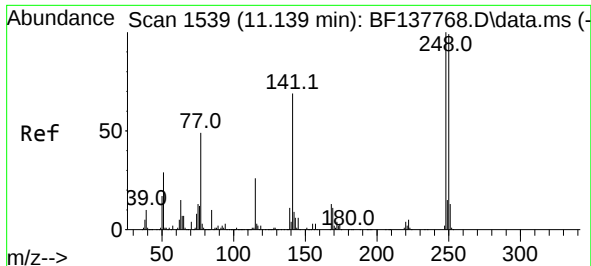


#66
n-Nitrosodiphenylamine
Concen: 44.906 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:169 Resp: 970259
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.4 29.2 43.8





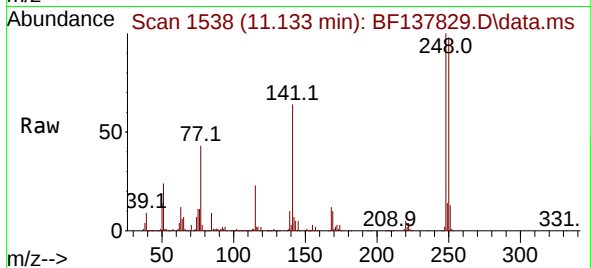
#67
4-Bromophenyl-phenylether
Concen: 46.473 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

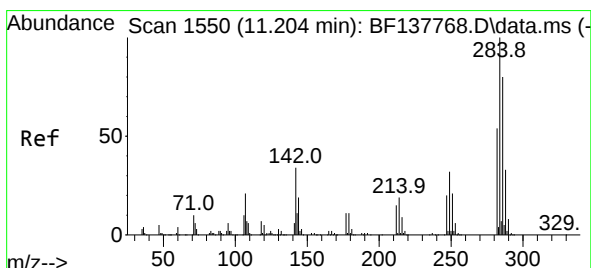
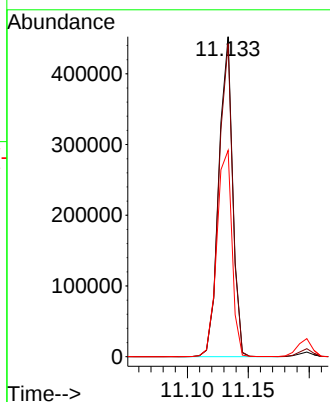
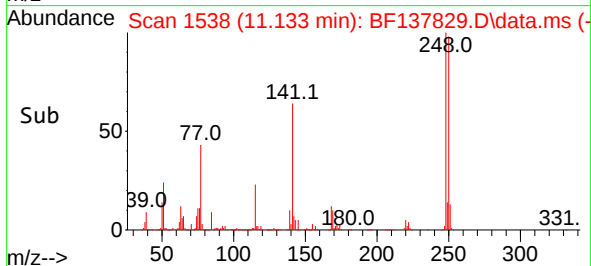
PB160706BS



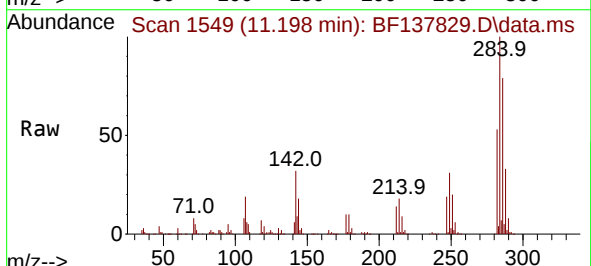
Tgt Ion:248 Resp: 35900
Ion Ratio Lower Upper
248 100
250 97.8 79.1 118.7
141 64.4 55.4 83.2

Manual Integrations
APPROVED

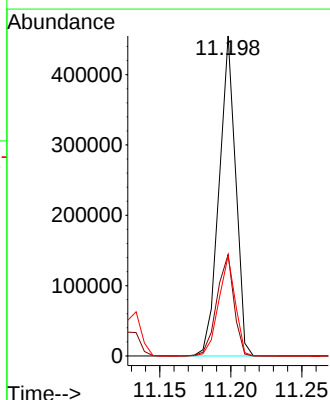
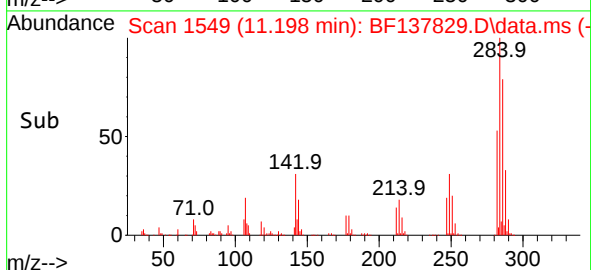
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

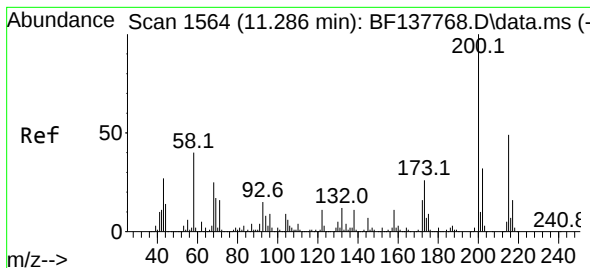


#68
Hexachlorobenzene
Concen: 43.728 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:284 Resp: 369143
Ion Ratio Lower Upper
284 100
142 31.7 27.3 40.9
249 31.3 25.6 38.4





#69

Atrazine

Concen: 49.486 ng

RT: 11.280 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:200 Resp: 326020

Ion Ratio Lower Upper

200 100

173 27.1 5.9 45.9

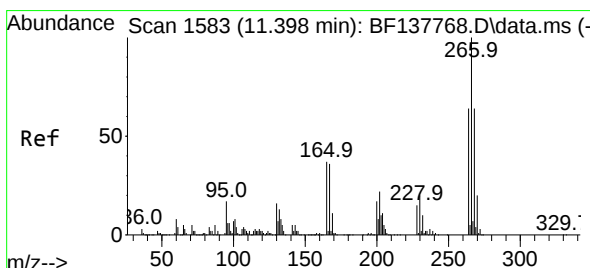
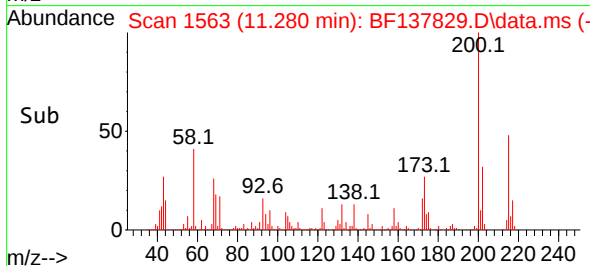
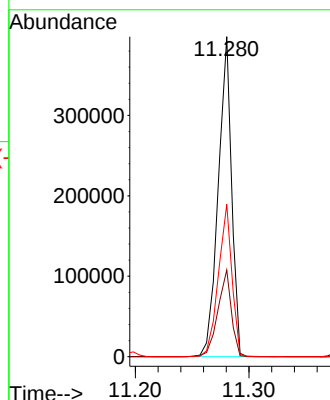
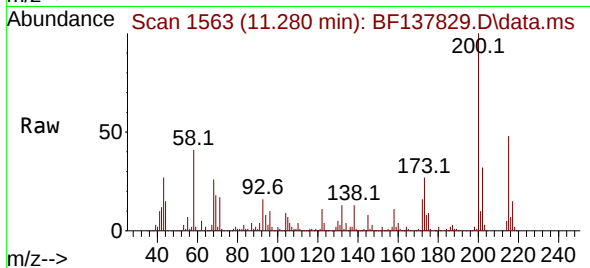
215 47.6 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#70

Pentachlorophenol

Concen: 76.386 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

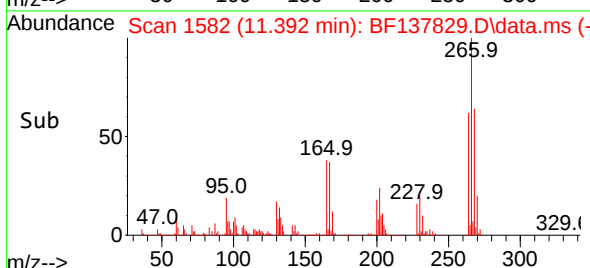
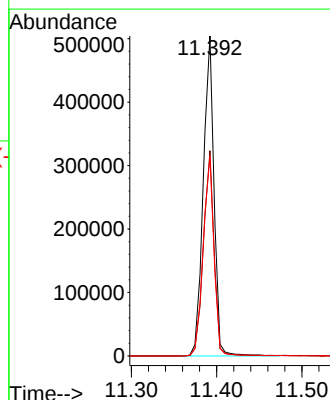
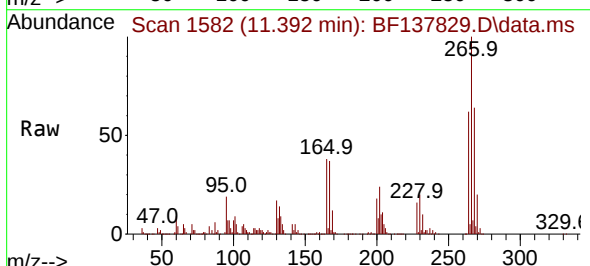
Tgt Ion:266 Resp: 442711

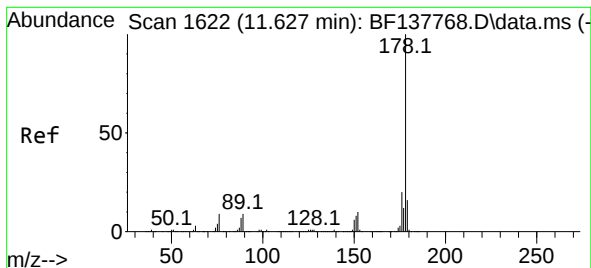
Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

264 62.3 51.0 76.4





#71

Phenanthrene

Concen: 43.546 ng

RT: 11.622 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:178 Resp: 153204

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

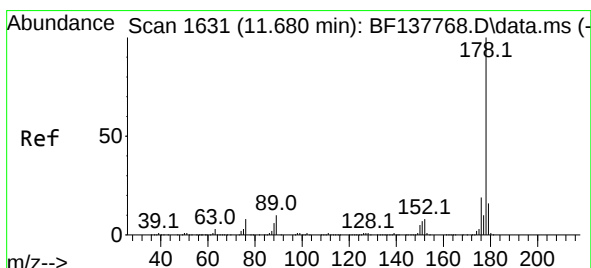
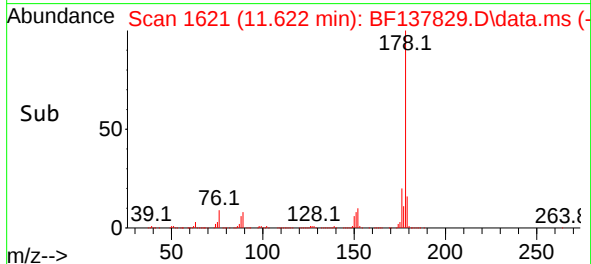
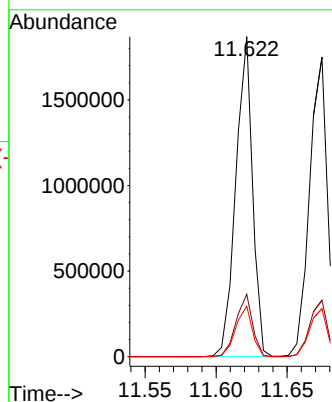
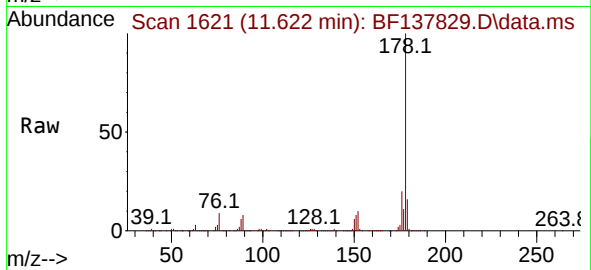
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#72

Anthracene

Concen: 43.528 ng

RT: 11.674 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

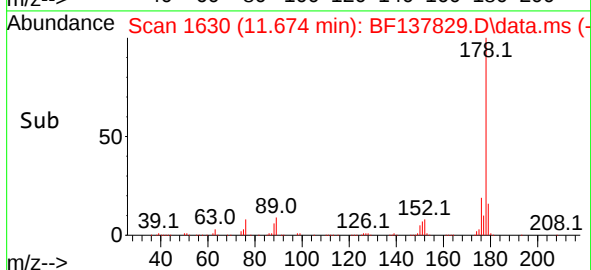
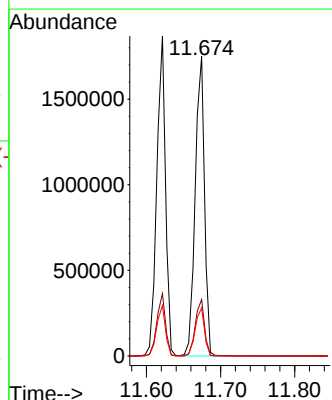
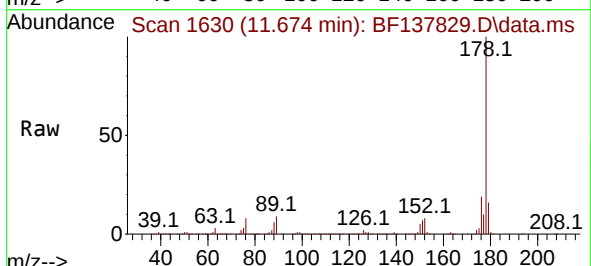
Tgt Ion:178 Resp: 1523735

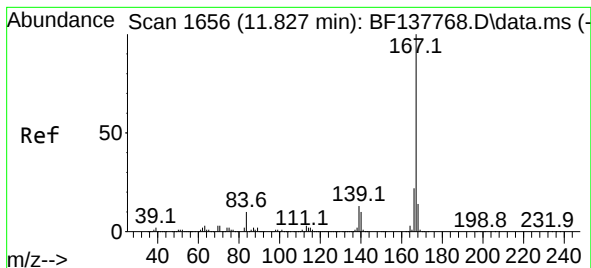
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 16.0 12.6 18.8





#73

Carbazole

Concen: 39.899 ng

RT: 11.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:167 Resp: 134607

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

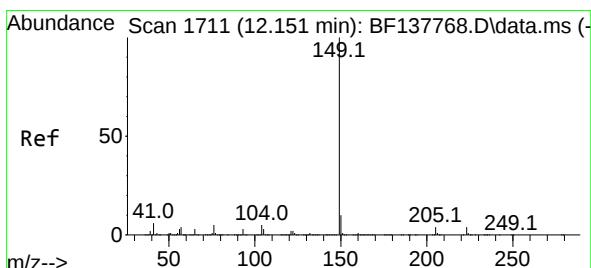
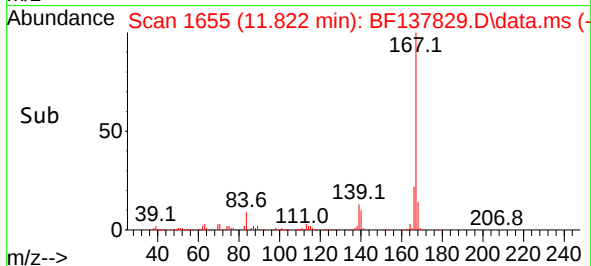
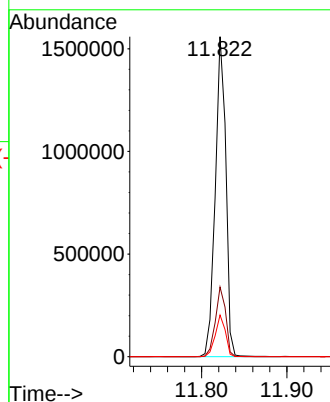
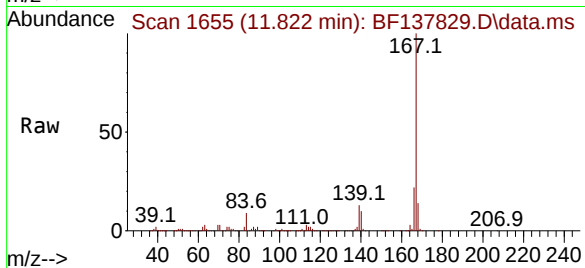
139 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#74

Di-n-butylphthalate

Concen: 42.366 ng

RT: 12.139 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

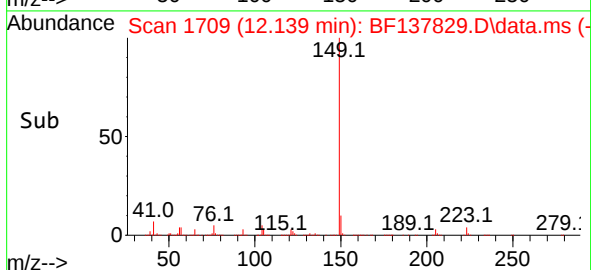
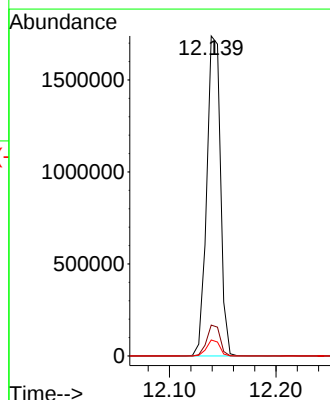
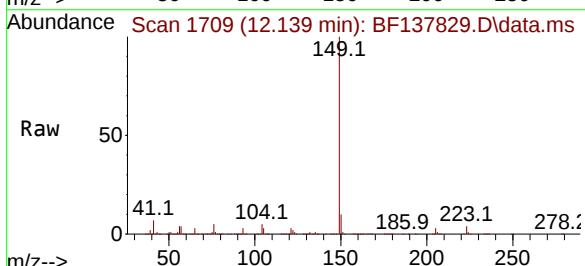
Tgt Ion:149 Resp: 1559146

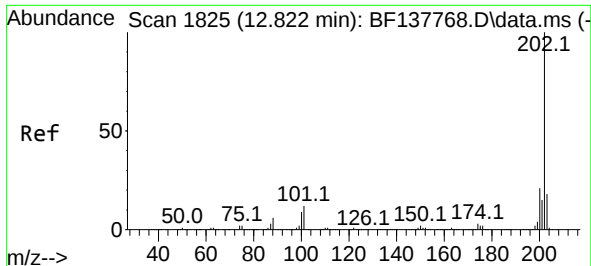
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.0 3.8 5.8





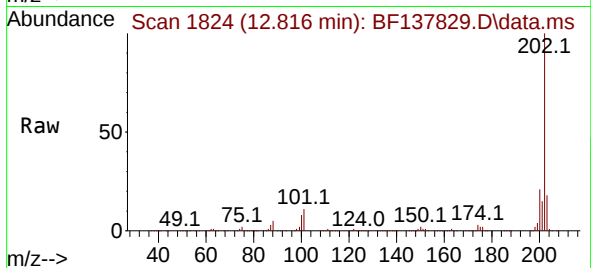
#75
Fluoranthene
Concen: 38.196 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



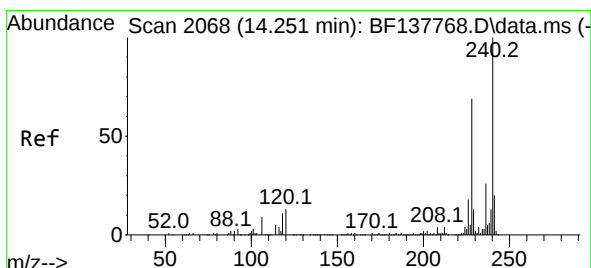
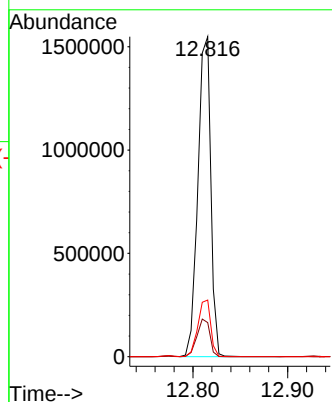
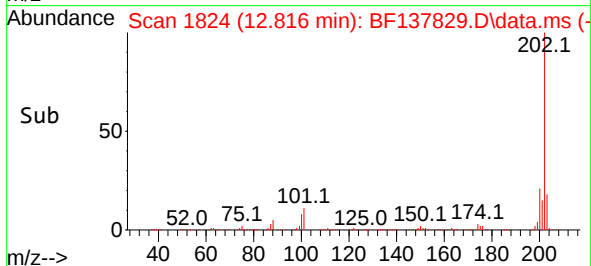
Tgt Ion:202 Resp: 1468970
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.7 0.0 37.8

Manual Integrations

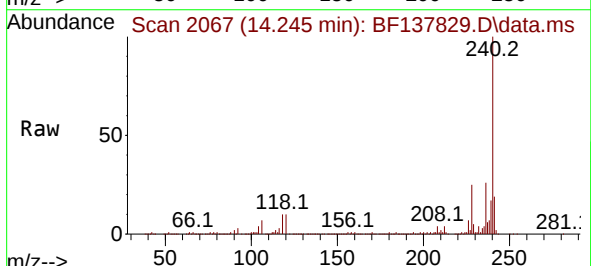
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

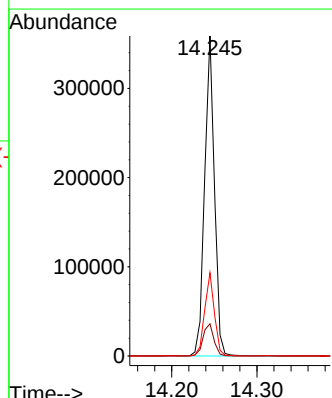
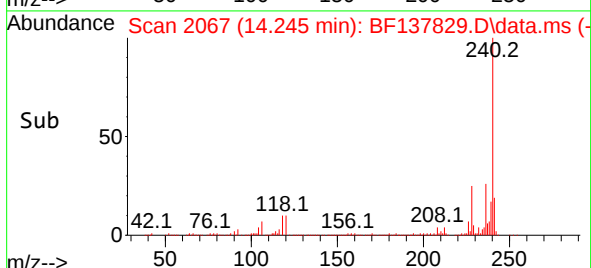
Supervised By :mohammad ahmed 05/06/2024

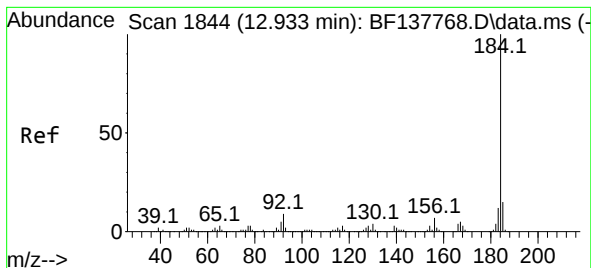


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:240 Resp: 286595
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 26.0 20.4 30.6





#77

Benzidine

Concen: 67.474 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

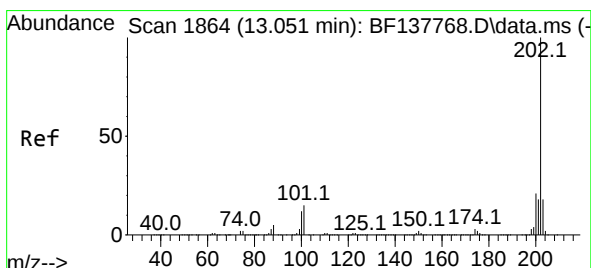
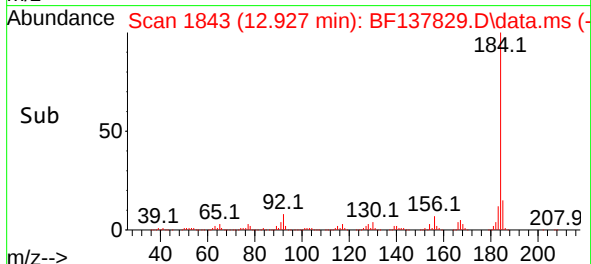
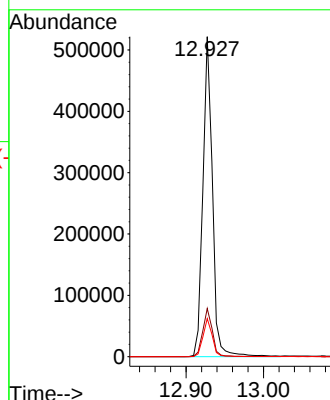
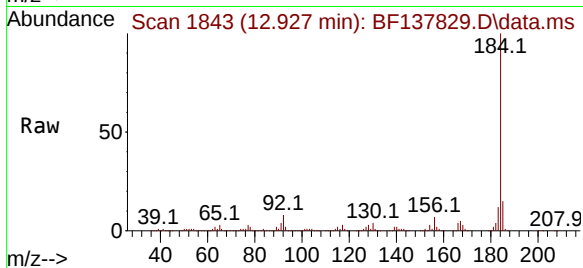
Tgt Ion:184	Resp: 447238
Ion Ratio	Lower Upper
184	100
185	15.0 12.3 18.5
183	11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#78

Pyrene

Concen: 67.249 ng

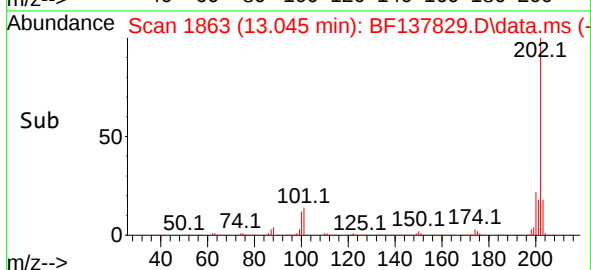
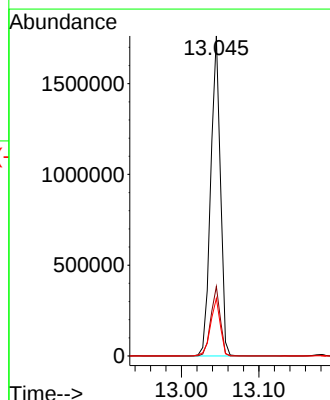
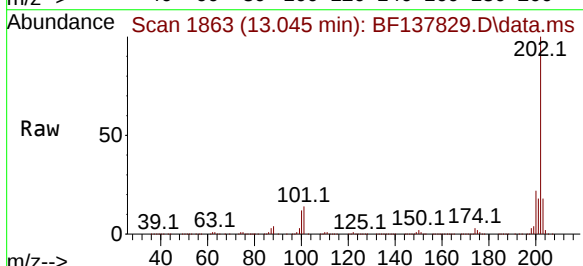
RT: 13.045 min Scan# 1863

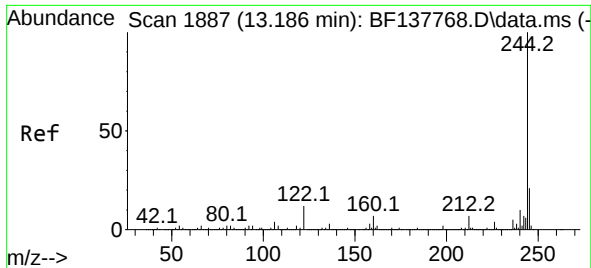
Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:202	Resp: 1528143
Ion Ratio	Lower Upper
202	100
200	21.7 17.2 25.8
203	18.0 14.4 21.6





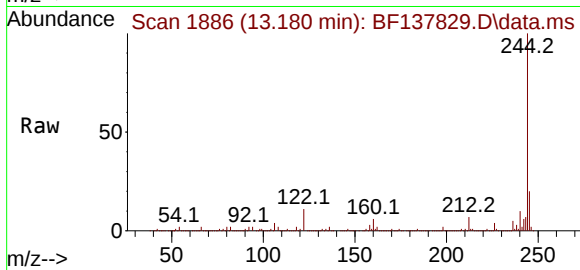
#79
 Terphenyl-d14
 Concen: 125.636 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

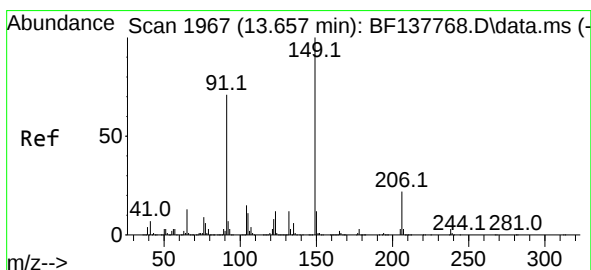
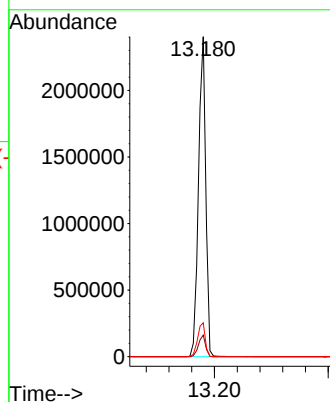
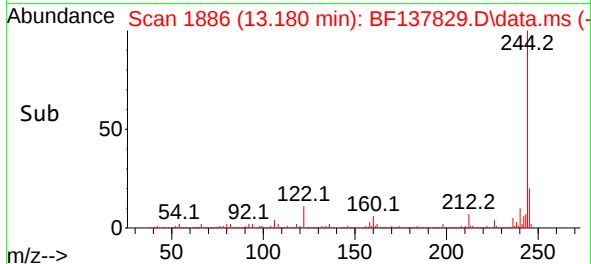


Tgt Ion:244 Resp: 214855
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.6 9.4 14.2

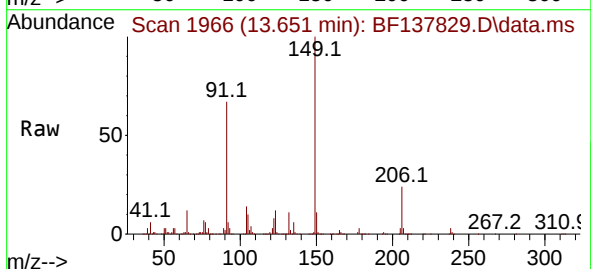
Manual Integrations

APPROVED

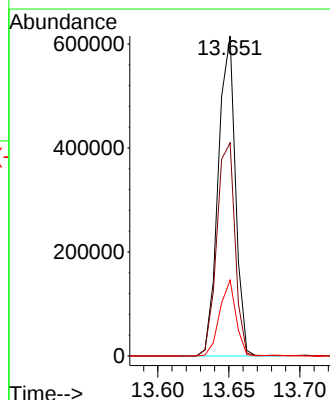
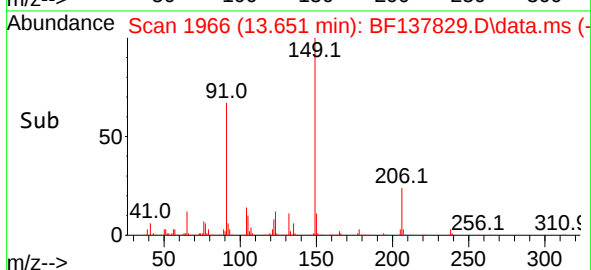
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

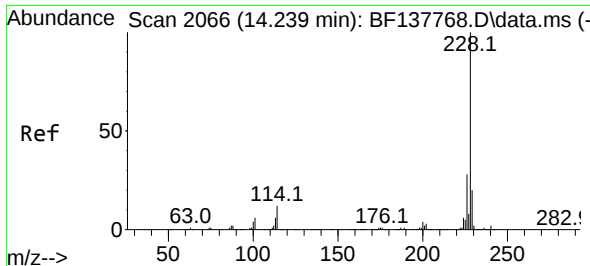


#80
 Butylbenzylphthalate
 Concen: 71.730 ng
 RT: 13.651 min Scan# 1966
 Delta R.T. -0.006 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04



Tgt Ion:149 Resp: 517155
 Ion Ratio Lower Upper
 149 100
 91 66.6 56.8 85.2
 206 23.7 17.8 26.8





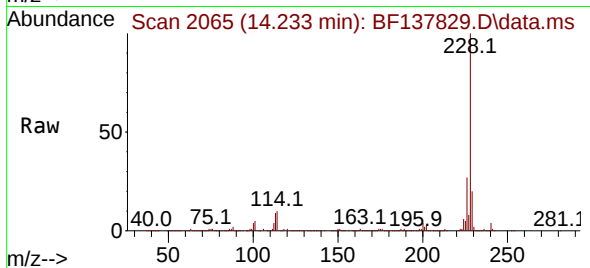
#81
Benzo(a)anthracene
Concen: 45.336 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



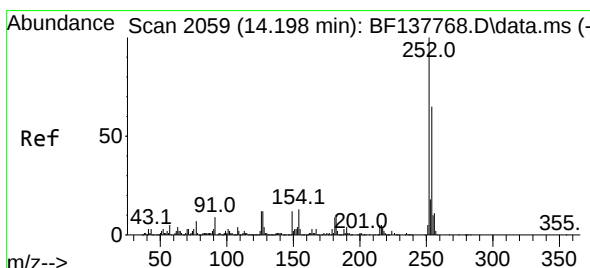
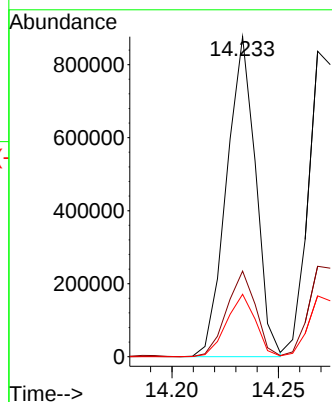
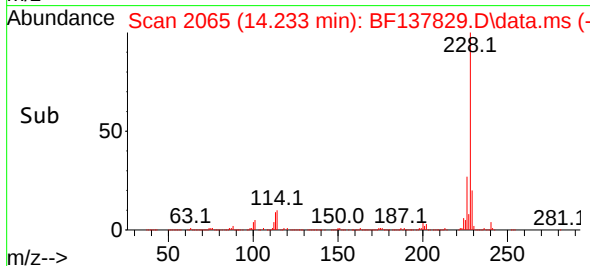
Tgt Ion:228 Resp: 831025
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 19.5 16.3 24.5

Manual Integrations

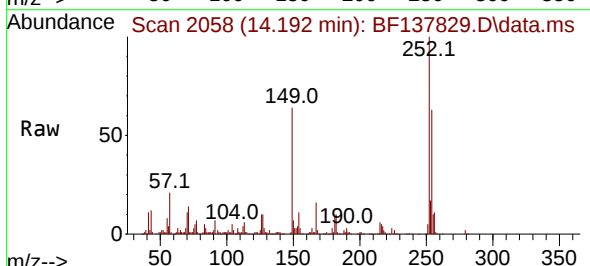
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

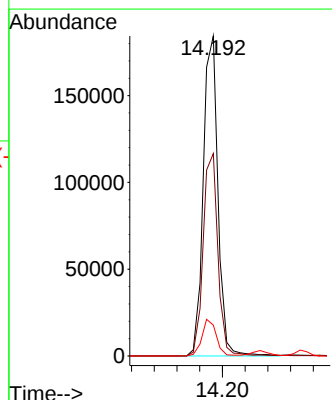
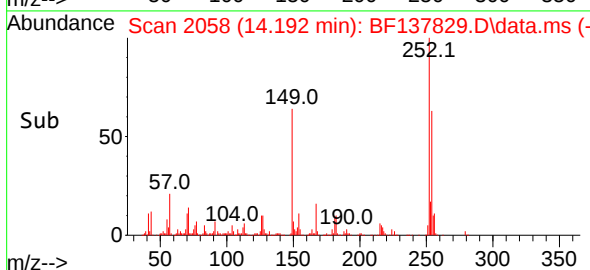
Supervised By :mohammad ahmed 05/06/2024

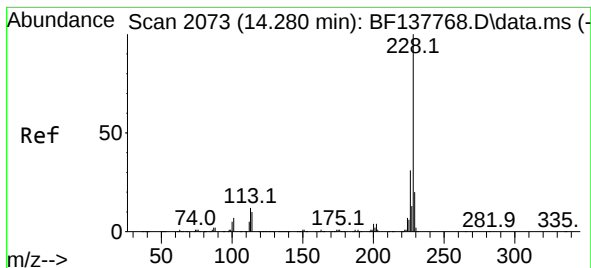


#82
3,3'-Dichlorobenzidine
Concen: 30.188 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:252 Resp: 165656
Ion Ratio Lower Upper
252 100
254 63.2 51.7 77.5
126 9.6 9.7 14.5





#83

Chrysene

Concen: 44.831 ng

RT: 14.268 min Scan# 2071

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:228 Resp: 769440

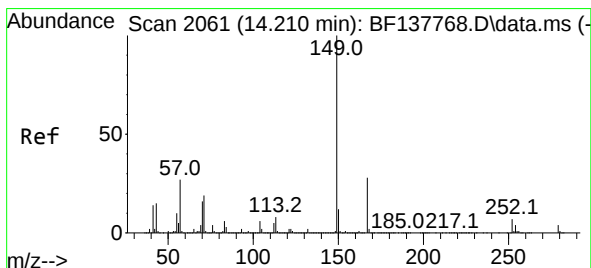
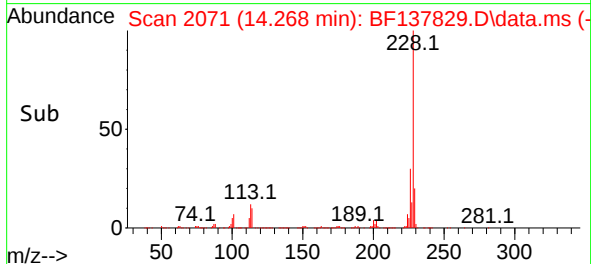
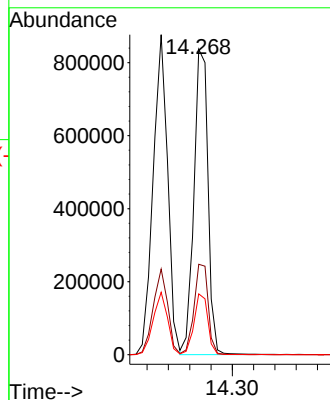
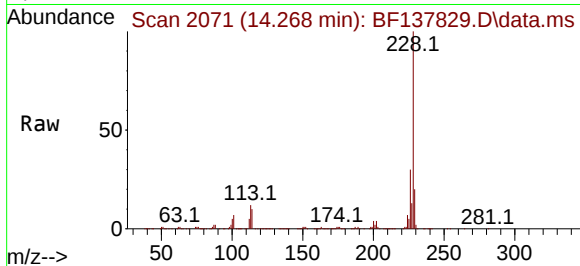
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	19.9	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.319 ng

RT: 14.204 min Scan# 2060

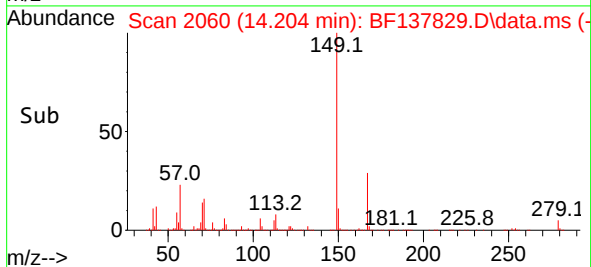
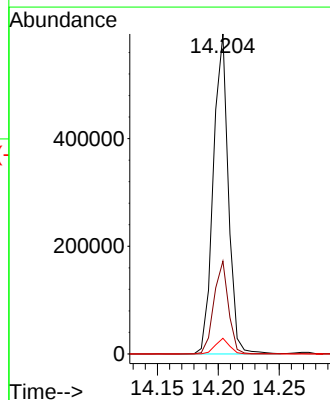
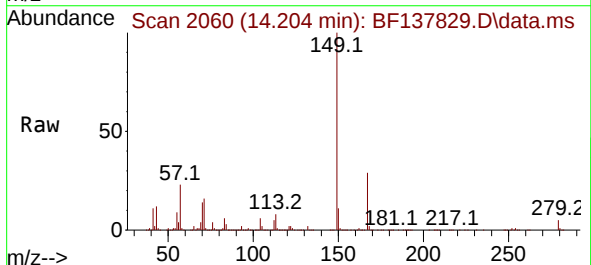
Delta R.T. -0.006 min

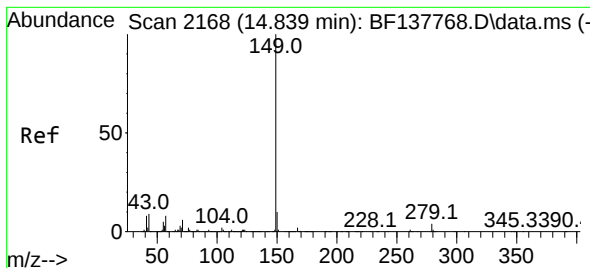
Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:149 Resp: 511732

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.4	33.6
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 64.422 ng

RT: 14.833 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BF137829.D

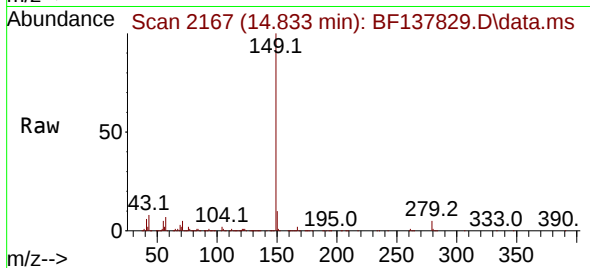
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS



Tgt Ion:149 Resp: 78778

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

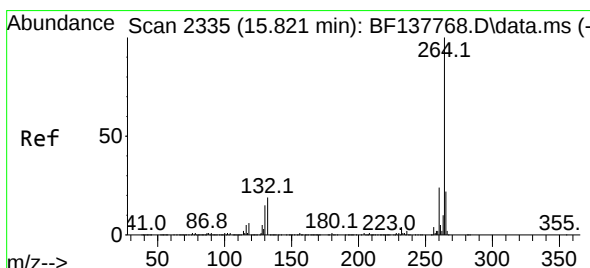
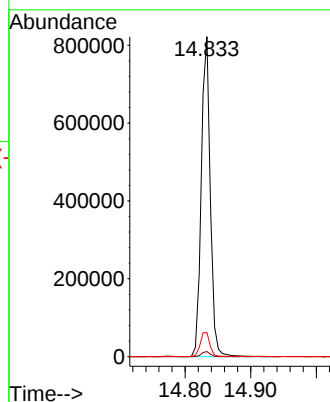
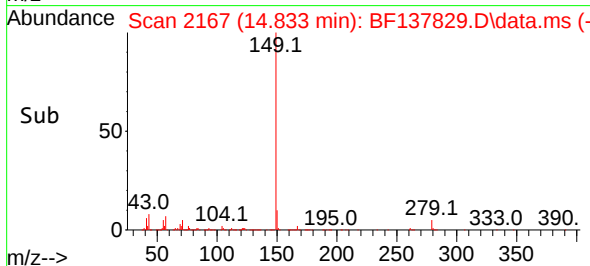
43 8.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

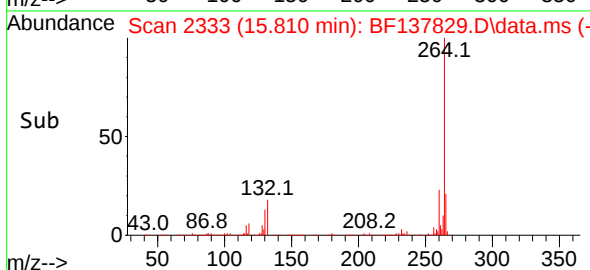
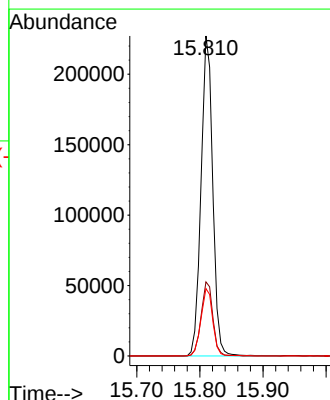
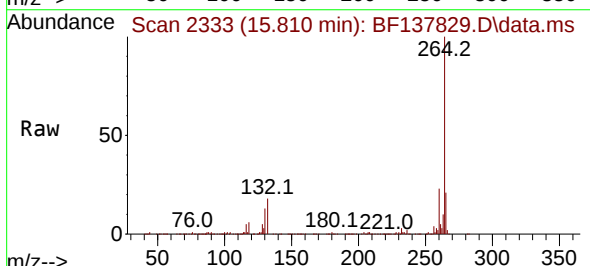
Tgt Ion:264 Resp: 292898

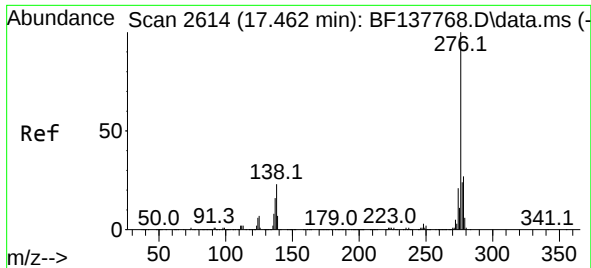
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.0 17.4 26.0





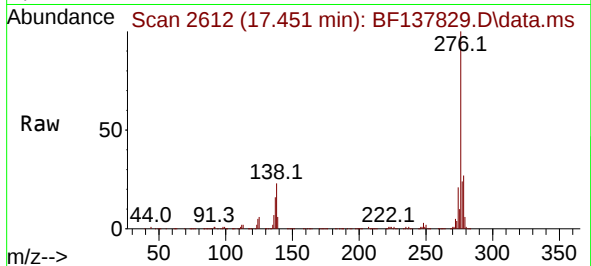
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.203 ng
RT: 17.451 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

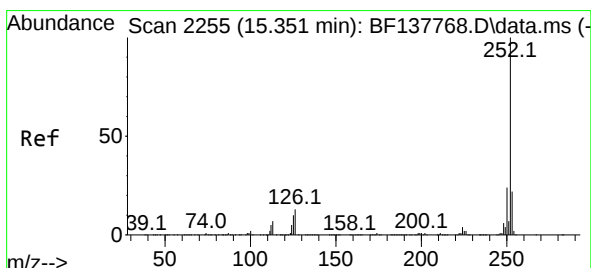
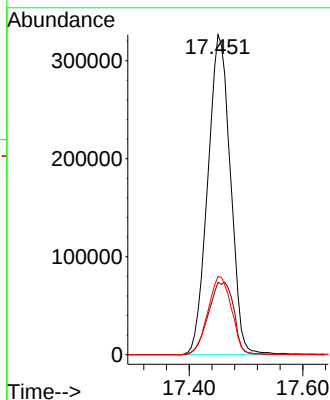
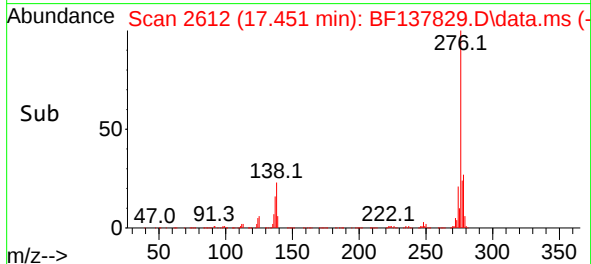


Tgt Ion:276 Resp: 902589
Ion Ratio Lower Upper
276 100
138 25.6 21.4 32.0
277 25.6 20.1 30.1

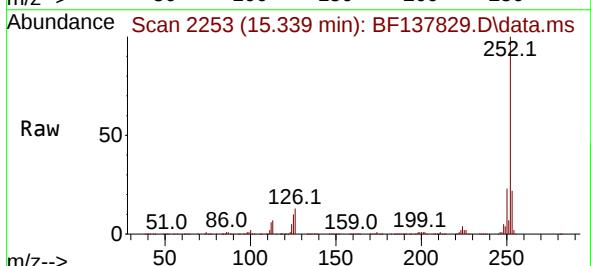
Manual Integrations

APPROVED

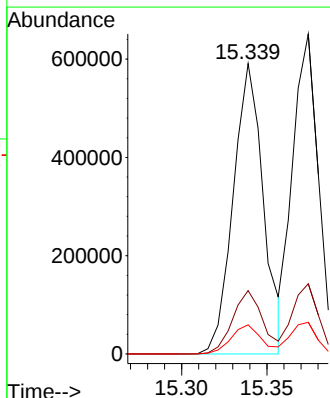
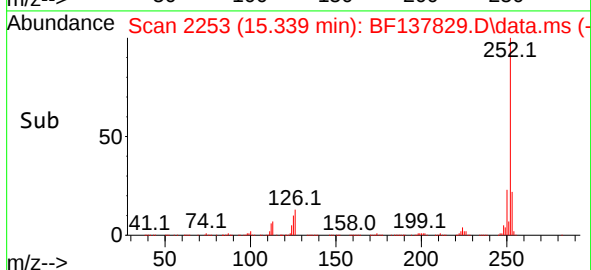
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

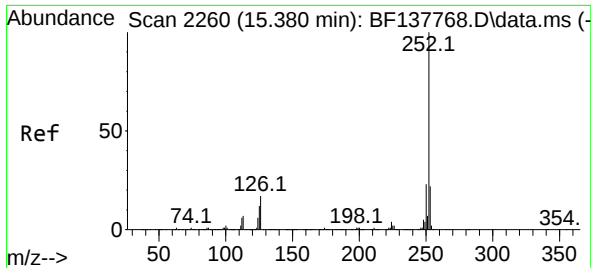


#88
Benzo(b)fluoranthene
Concen: 40.015 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:252 Resp: 729212
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 39.172 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

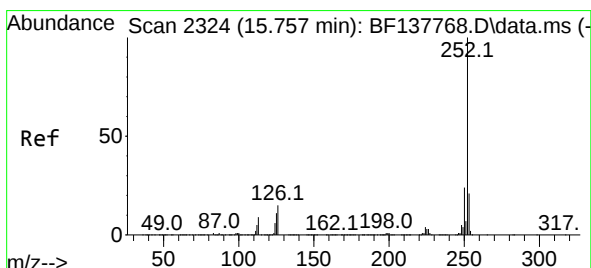
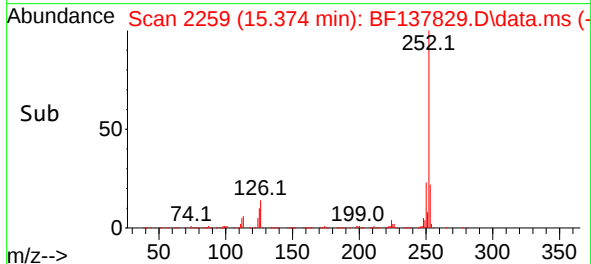
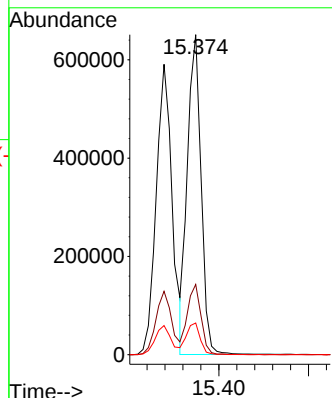
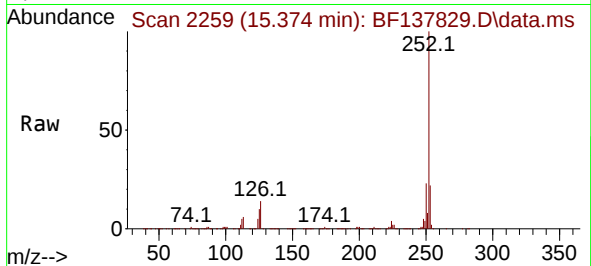
PB160706BS

Tgt Ion:252 Resp: 689960
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 9.0 13.4

Manual Integrations

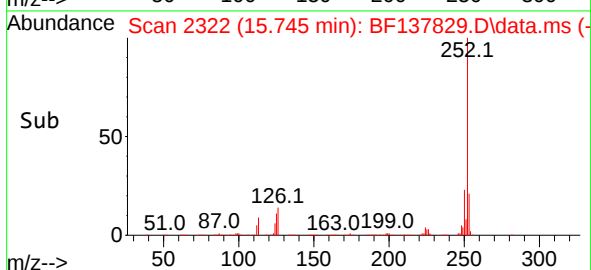
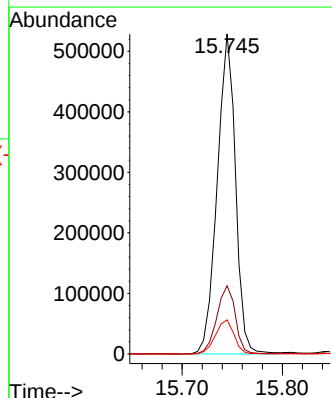
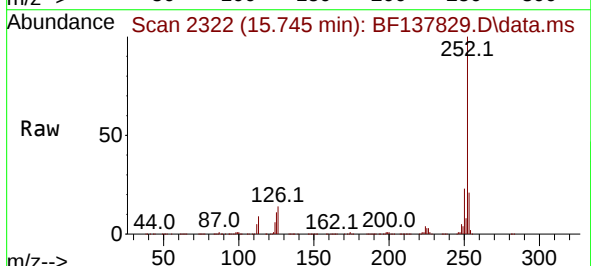
APPROVED

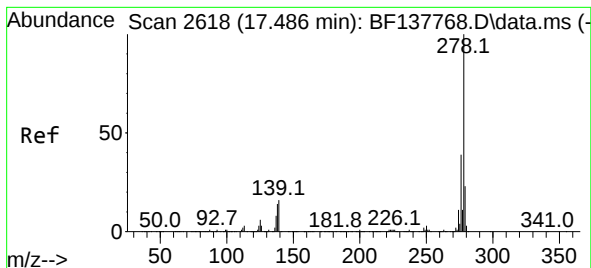
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#90
Benzo(a)pyrene
Concen: 45.019 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:252 Resp: 669300
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 54.547 ng

RT: 17.474 min Scan# 2616

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:278 Resp: 73935

Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.6

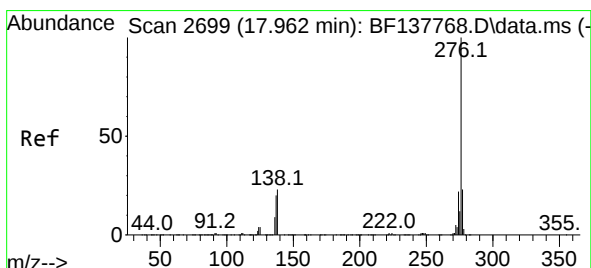
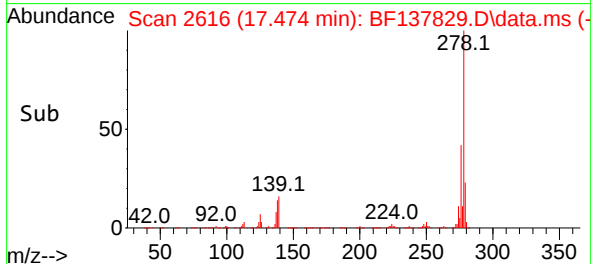
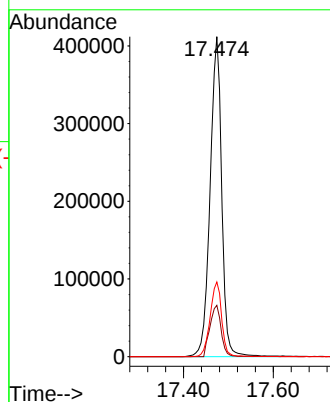
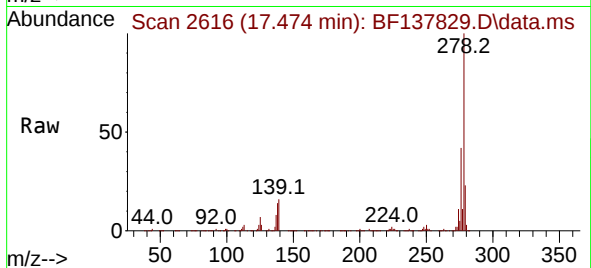
279 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#92

Benzo(g,h,i)perylene

Concen: 49.777 ng

RT: 17.956 min Scan# 2698

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:276 Resp: 707296

Ion Ratio Lower Upper

276 100

277 23.7 18.0 27.0

138 21.9 18.1 27.1

