

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137081.D
 Acq On : 16 Jan 2024 16:07
 Operator : CG\JU
 Sample : IDOC-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 16:31:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68480	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	268854	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	133079	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	242244	20.000	ng	0.00
76) Chrysene-d12	13.974	240	125370	20.000	ng	0.00
86) Perylene-d12	15.463	264	128284	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	508229	115.798	ng	0.02
7) Phenol-d6	6.445	99	626289	110.126	ng	0.00
23) Nitrobenzene-d5	7.351	82	386007	73.469	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	168968	107.808	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	774153	78.241	ng	0.00
79) Terphenyl-d14	12.910	244	702132	78.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	59389	32.476	ng	99
3) Pyridine	3.399	79	139209	31.200	ng	96
4) n-Nitrosodimethylamine	3.363	42	84406	35.425	ng	99
6) Aniline	6.457	93	171346	30.135	ng	# 2
8) 2-Chlorophenol	6.581	128	195465	40.697	ng	94
9) Benzaldehyde	6.345	77	49569	15.324	ng	97
10) Phenol	6.457	94	232870	38.358	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	180818	39.165	ng	97
12) 1,3-Dichlorobenzene	6.728	146	192966	36.829	ng	98
13) 1,4-Dichlorobenzene	6.804	146	194185	36.272	ng	96
14) 1,2-Dichlorobenzene	6.951	146	189474	38.035	ng	99
15) Benzyl Alcohol	6.940	79	155378	40.498	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	280098	37.108	ng	79
17) 2-Methylphenol	7.051	107	154903	38.931	ng	96
18) Hexachloroethane	7.287	117	72187	37.128	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	132530	38.443	ng	96
20) 3+4-Methylphenols	7.204	107	196500	39.530	ng	# 75
22) Acetophenone	7.198	105	266426	39.536	ng	# 91
24) Nitrobenzene	7.369	77	190022	36.104	ng	99
25) Isophorone	7.610	82	357313	37.375	ng	97
26) 2-Nitrophenol	7.687	139	102230	40.598	ng	98
27) 2,4-Dimethylphenol	7.728	122	166780	54.403	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	221956	38.195	ng	99
29) 2,4-Dichlorophenol	7.934	162	155348	39.361	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	165107	37.546	ng	98
31) Naphthalene	8.087	128	557208	37.725	ng	99
32) Benzoic acid	7.887	122	112089	37.788	ng	93
33) 4-Chloroaniline	8.139	127	114355	20.969	ng	95
34) Hexachlorobutadiene	8.192	225	97191	36.377	ng	97
35) Caprolactam	8.522	113	50803m	39.018	ng	
36) 4-Chloro-3-methylphenol	8.639	107	168272	37.872	ng	98
37) 2-Methylnaphthalene	8.775	142	356938	37.550	ng	100
38) 1-Methylnaphthalene	8.875	142	333074	35.715	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	169051	41.018	ng	98
41) Hexachlorocyclopentadiene	8.922	237	84677	65.391	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	107135	40.533	ng	98

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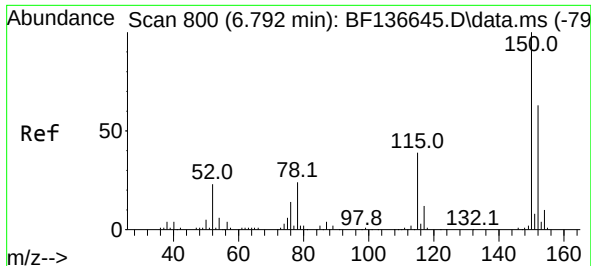
Quant Time: Jan 16 16:31:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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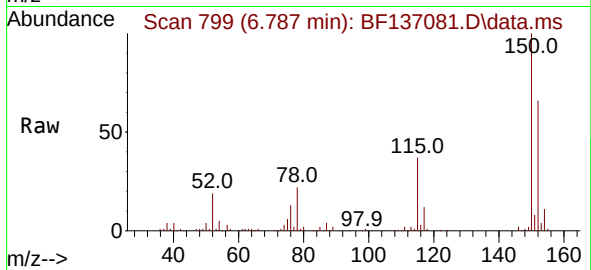
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	113727	38.612	ng	97
46) 1,1'-Biphenyl	9.245	154	454834	40.729	ng	99
47) 2-Chloronaphthalene	9.269	162	335639	39.535	ng	99
48) 2-Nitroaniline	9.375	65	99983	37.609	ng	93
49) Acenaphthylene	9.686	152	520720	40.129	ng	99
50) Dimethylphthalate	9.545	163	381382	39.235	ng	98
51) 2,6-Dinitrotoluene	9.616	165	84308	38.217	ng	# 87
52) Acenaphthene	9.857	154	318149	39.552	ng	99
53) 3-Nitroaniline	9.792	138	65065	27.842	ng	91
54) 2,4-Dinitrophenol	9.910	184	72915	60.588	ng	97
55) Dibenzofuran	10.028	168	477532	39.164	ng	99
56) 4-Nitrophenol	9.975	139	79794	50.581	ng	96
57) 2,4-Dinitrotoluene	10.028	165	102020	35.623	ng	# 89
58) Fluorene	10.375	166	384192	39.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	92656	40.866	ng	97
60) Diethylphthalate	10.251	149	384133	38.088	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	185697	39.488	ng	98
62) 4-Nitroaniline	10.410	138	72988	32.398	ng	91
63) Azobenzene	10.528	77	356867	37.884	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	54915	39.556	ng	79
66) n-Nitrosodiphenylamine	10.492	169	329552	41.879	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	109652	40.758	ng	96
68) Hexachlorobenzene	10.928	284	122532	40.870	ng	96
69) Atrazine	11.028	200	134747	66.948	ng	98
70) Pentachlorophenol	11.128	266	91714	65.630	ng	99
71) Phenanthrene	11.345	178	513629	41.323	ng	99
72) Anthracene	11.398	178	517970	41.148	ng	99
73) Carbazole	11.557	167	452836	38.156	ng	99
74) Di-n-butylphthalate	11.880	149	575465	39.736	ng	98
75) Fluoranthene	12.539	202	484727	36.458	ng	99
77) Benzidine	12.663	184	68139	18.433	ng	99
78) Pyrene	12.769	202	480017	39.003	ng	100
80) Butylbenzylphthalate	13.386	149	187405	41.848	ng	100
81) Benzo(a)anthracene	13.963	228	373072	42.854	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	105864	42.820	ng	97
83) Chrysene	14.004	228	337458	39.640	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	263597	46.783	ng	98
85) Di-n-octyl phthalate	14.563	149	424402	48.694	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	450733	48.663	ng	99
88) Benzo(b)fluoranthene	15.027	252	367196	42.856	ng	98
89) Benzo(k)fluoranthene	15.057	252	321365	39.694	ng	99
90) Benzo(a)pyrene	15.404	252	310962	42.995	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	381608	50.220	ng	98
92) Benzo(g,h,i)perylene	17.462	276	383796	49.314	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

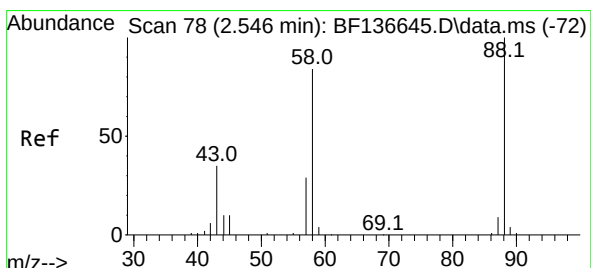
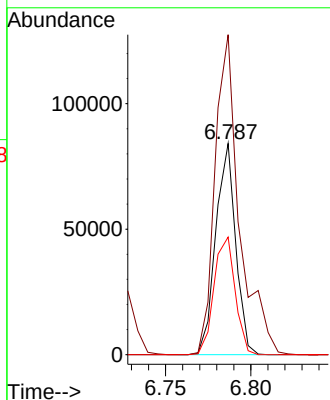
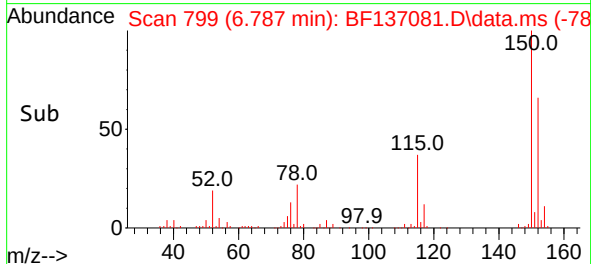
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:152 Resp: 68480
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 55.7 49.0 73.4

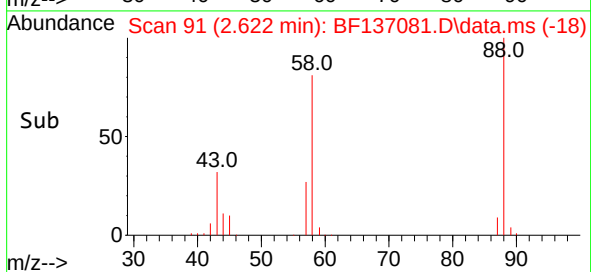
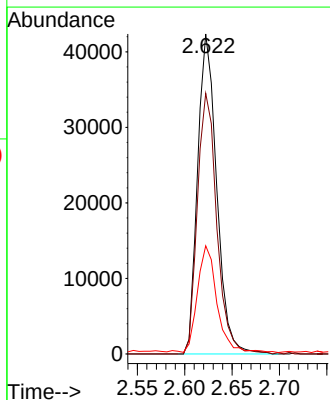
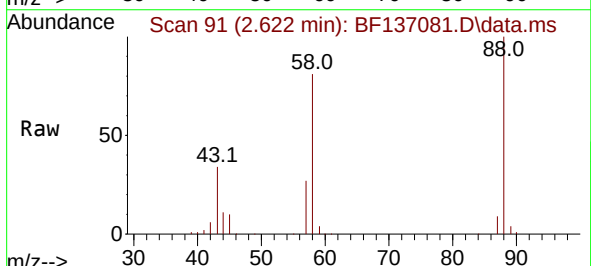
Manual Integrations
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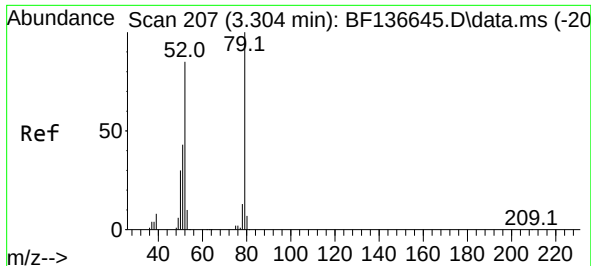
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#2
1,4-Dioxane
Concen: 32.476 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.077 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion: 88 Resp: 59389
Ion Ratio Lower Upper
88 100
58 82.8 67.4 101.0
43 34.0 27.7 41.5





#3

Pyridine

Concen: 31.200 ng

RT: 3.399 min Scan# 217

Delta R.T. 0.094 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion: 79 Resp: 139209

Ion Ratio Lower Upper

79 100

52 82.0 67.7 101.5

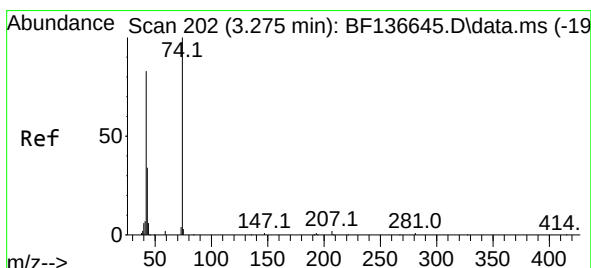
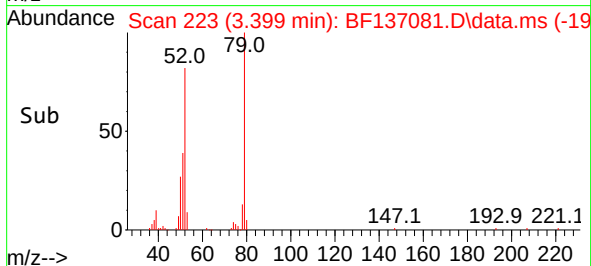
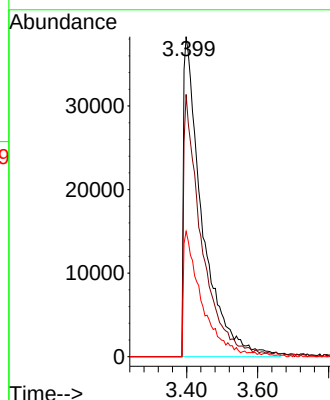
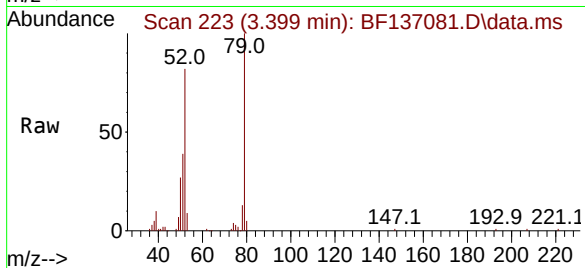
51 39.2 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#4

n-Nitrosodimethylamine

Concen: 35.425 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.088 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

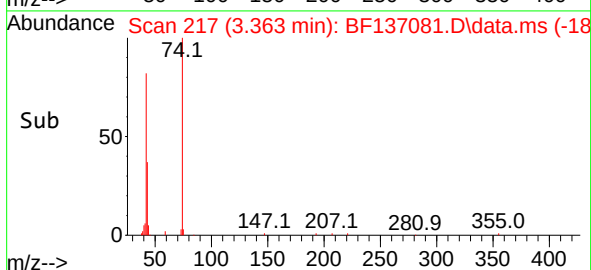
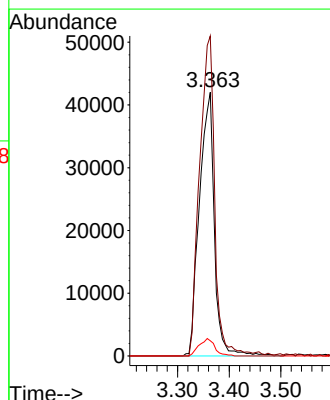
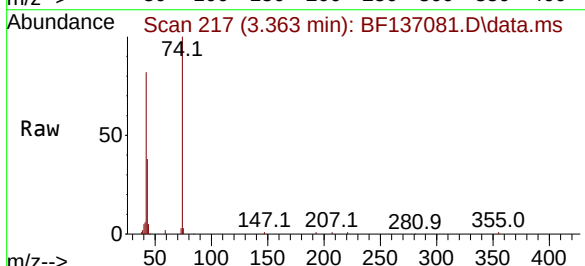
Tgt Ion: 42 Resp: 84406

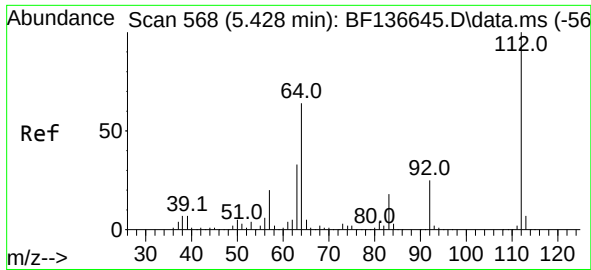
Ion Ratio Lower Upper

42 100

74 121.4 96.0 144.0

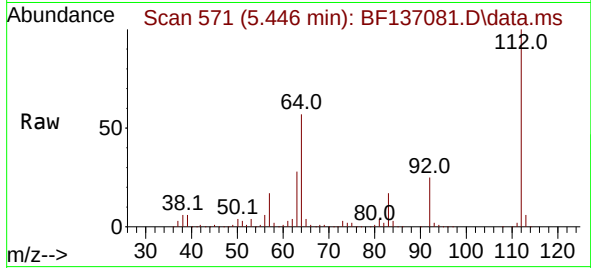
44 5.8 5.4 8.2





#5
2-Fluorophenol
Concen: 115.798 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

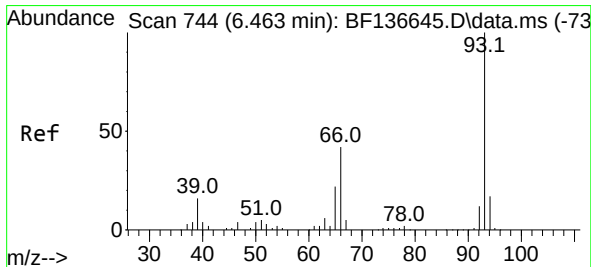
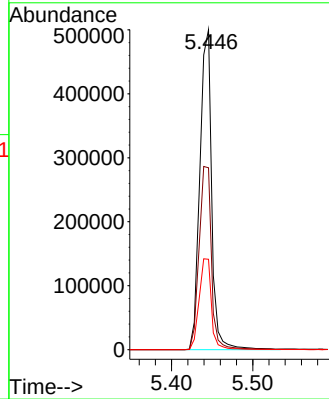
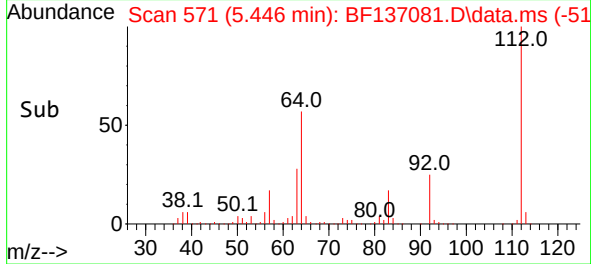
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:112 Resp: 508229
Ion Ratio Lower Upper
112 100
64 56.9 51.1 76.7
63 28.3 26.1 39.1

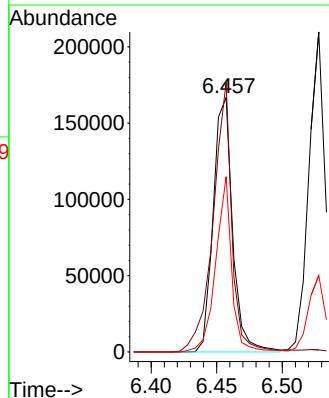
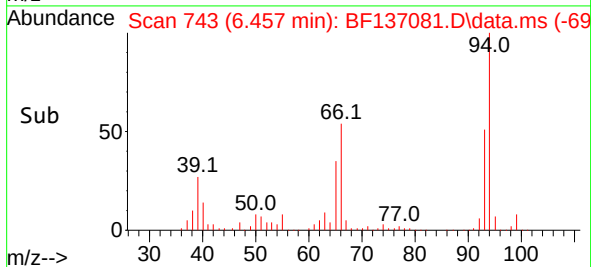
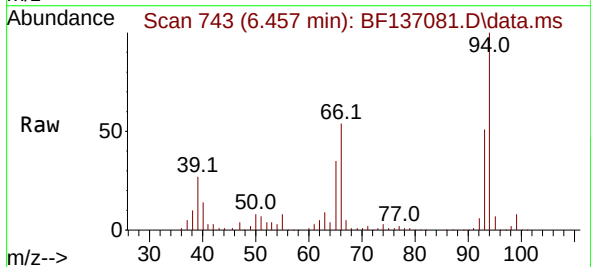
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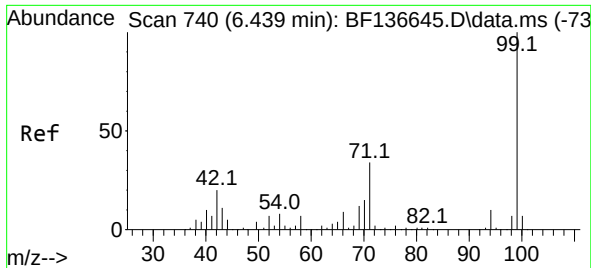
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#6
Aniline
Concen: 30.135 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion: 93 Resp: 171346
Ion Ratio Lower Upper
93 100
66 106.0 34.6 51.8#
65 68.9 17.8 26.8#





#7

Phenol-d6

Concen: 110.126 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion: 99 Resp: 626289

Ion Ratio Lower Upper

99 100

42 18.9 16.1 24.1

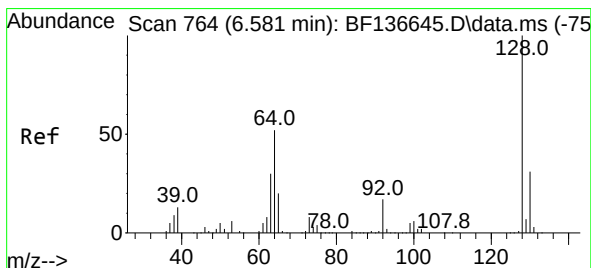
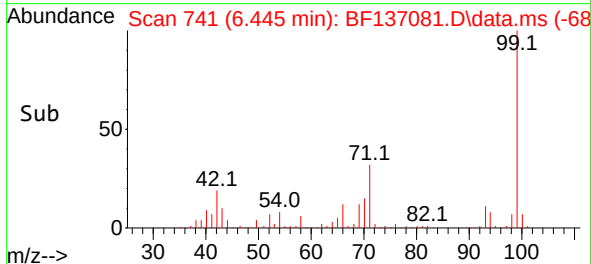
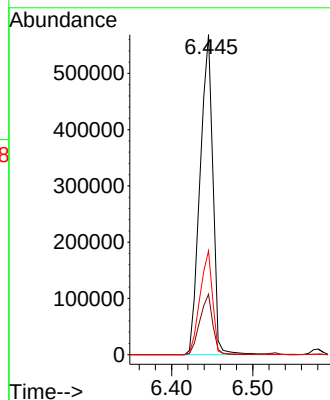
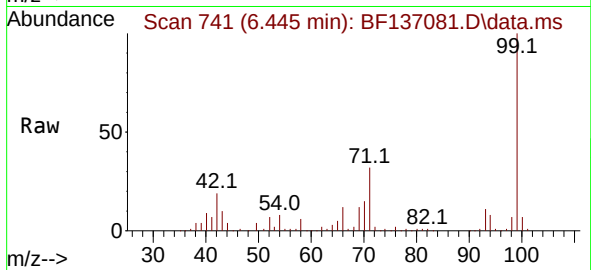
71 32.4 27.4 41.2

Manual Integrations

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Supervised By :mohammad ahmed 01/18/2024



#8

2-Chlorophenol

Concen: 40.697 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

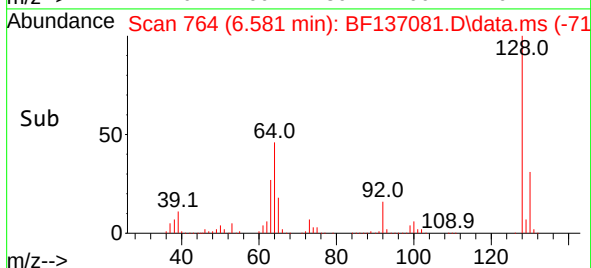
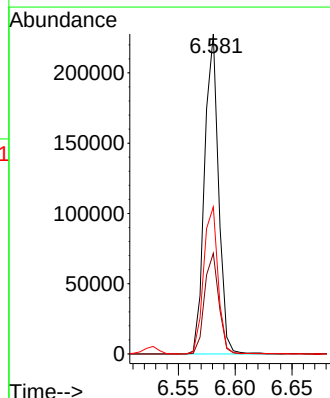
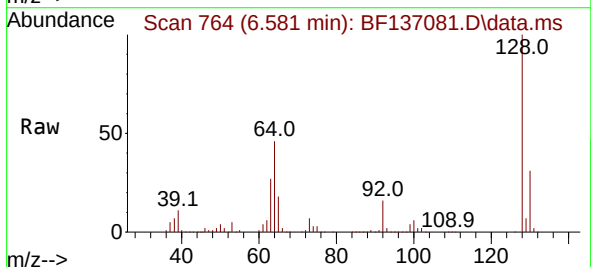
Tgt Ion:128 Resp: 195465

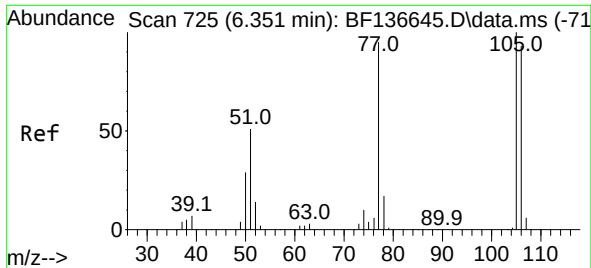
Ion Ratio Lower Upper

128 100

130 31.5 11.3 51.3

64 45.9 32.5 72.5





#9
Benzaldehyde
Concen: 15.324 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

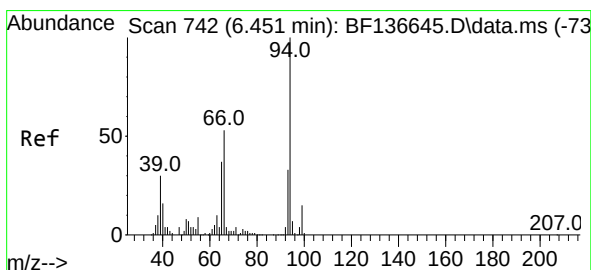
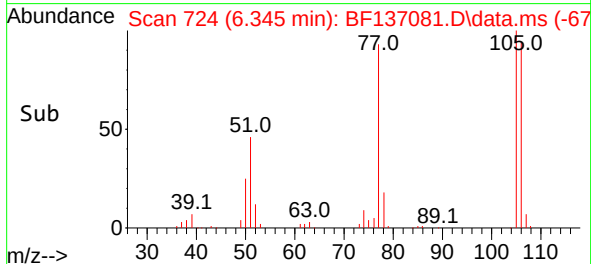
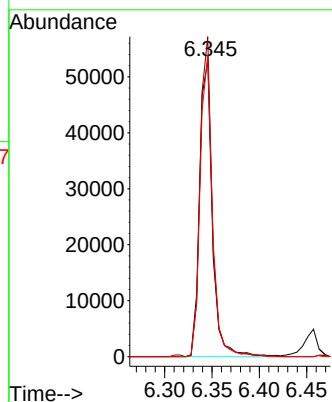
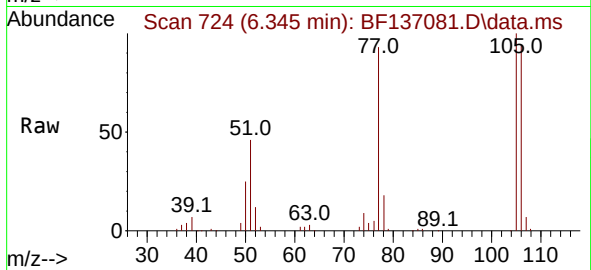
IDOC-02

Tgt Ion: 77 Resp: 4956
Ion Ratio Lower Upper
77 100
105 107.9 84.8 124.8
106 101.6 77.8 117.8

Manual Integrations

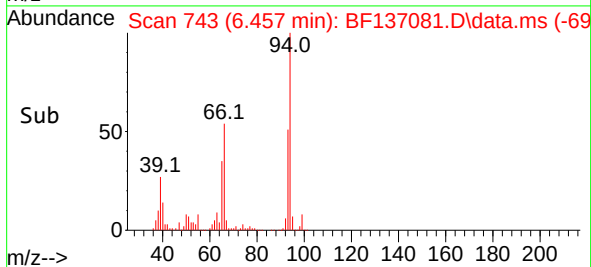
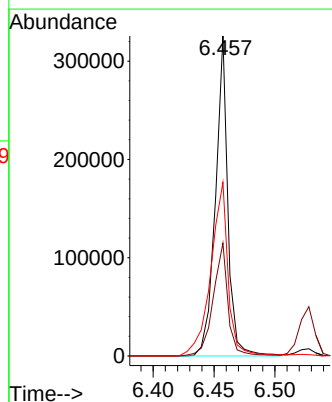
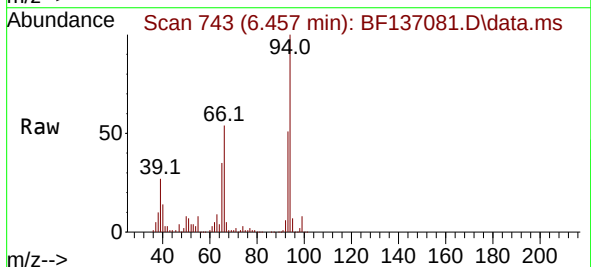
APPROVED

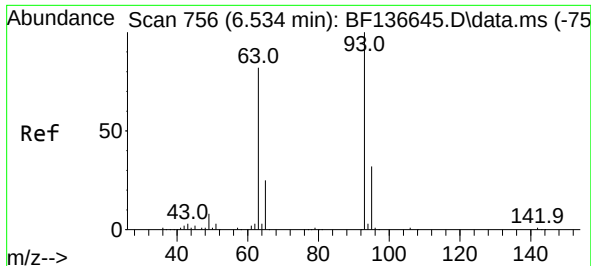
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#10
Phenol
Concen: 38.358 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion: 94 Resp: 232870
Ion Ratio Lower Upper
94 100
65 35.3 16.6 56.6
66 54.3 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.165 ng

RT: 6.528 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

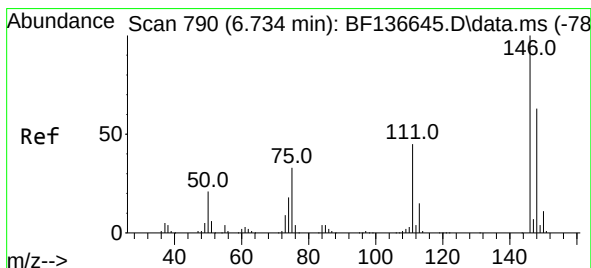
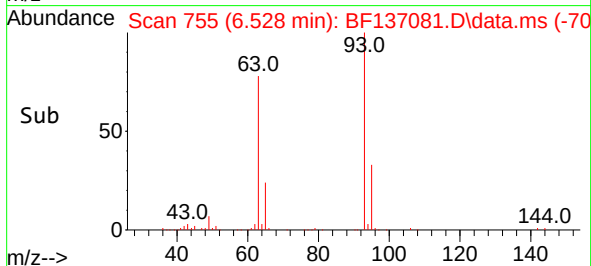
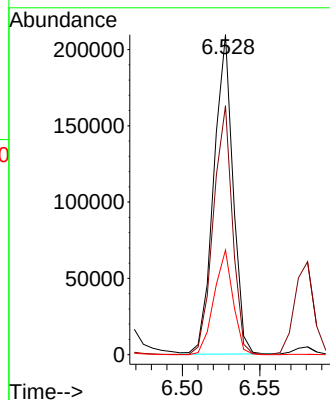
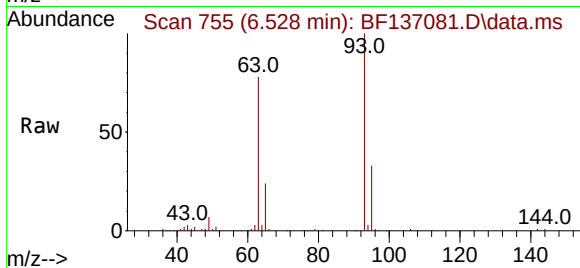
Tgt Ion: 93	Resp: 180818
Ion Ratio	Lower Upper
93	100
63	77.8 61.2 101.2
95	32.7 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#12

1,3-Dichlorobenzene

Concen: 36.829 ng

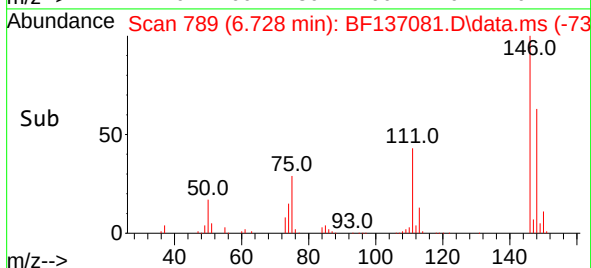
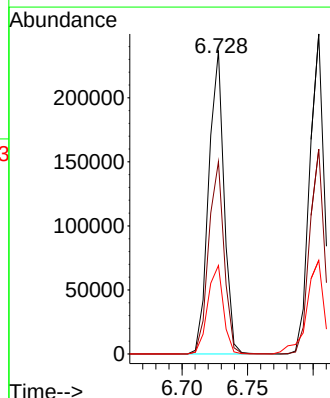
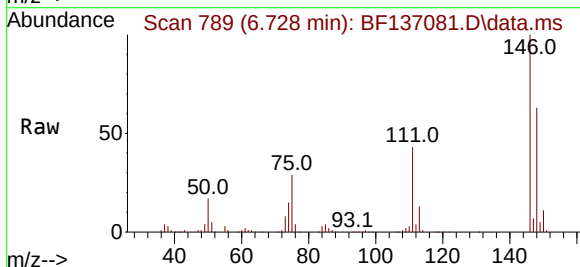
RT: 6.728 min Scan# 789

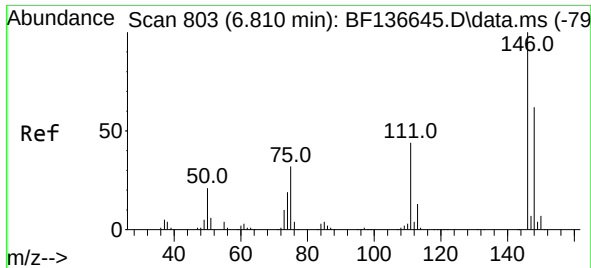
Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

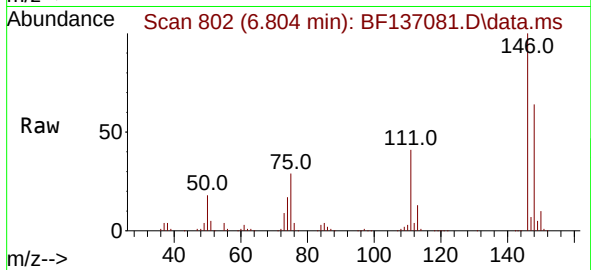
Tgt Ion:146	Resp: 192966
Ion Ratio	Lower Upper
146	100
148	63.4 50.5 75.7
75	29.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.272 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

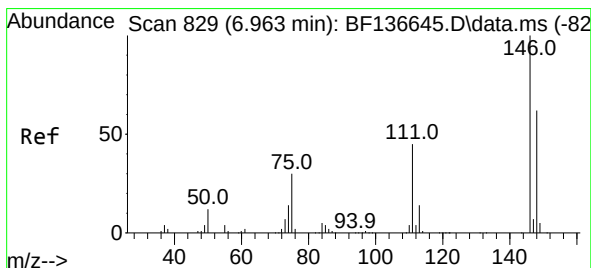
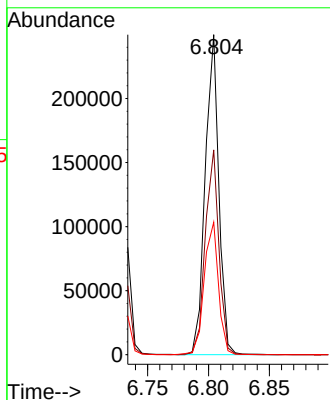
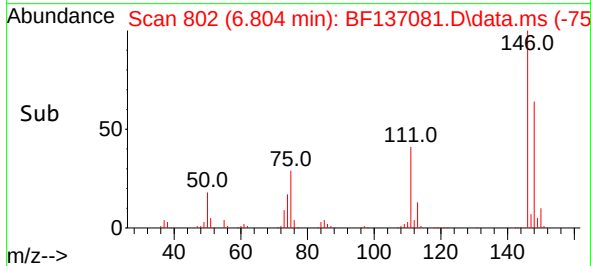
Instrument :
BNA_F
ClientSampleId :
IDOC-02



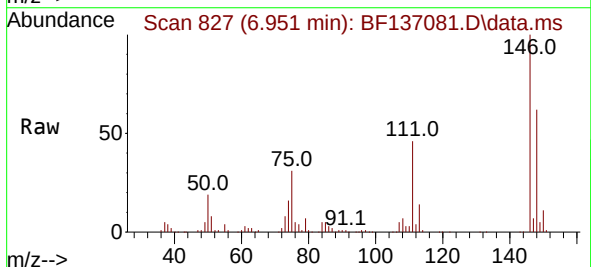
Tgt Ion:146 Resp: 194185
Ion Ratio Lower Upper
146 100
148 64.0 49.2 73.8
111 41.4 35.2 52.8

Manual Integrations
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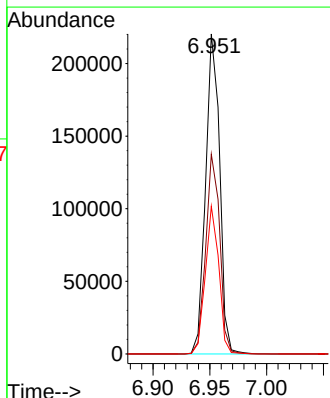
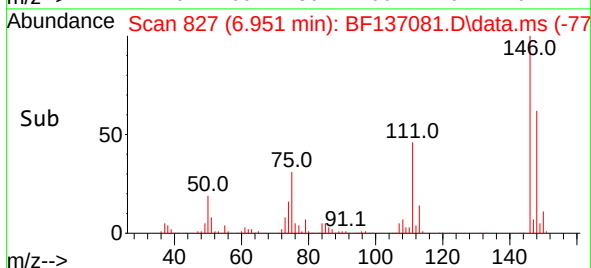
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

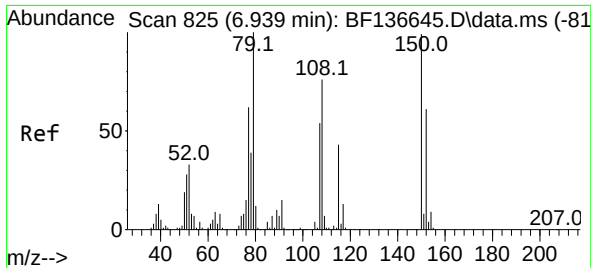


#14
1,2-Dichlorobenzene
Concen: 38.035 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



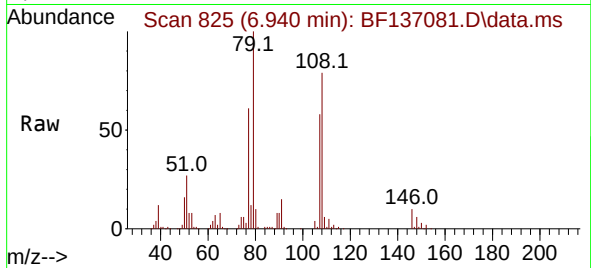
Tgt Ion:146 Resp: 189474
Ion Ratio Lower Upper
146 100
148 62.4 49.6 74.4
111 46.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.498 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

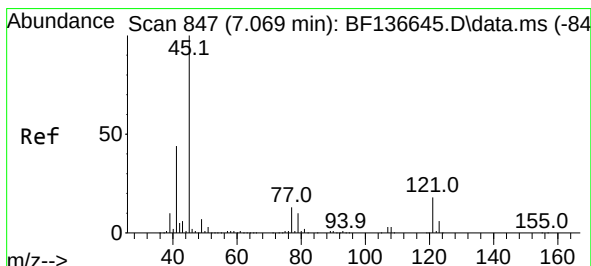
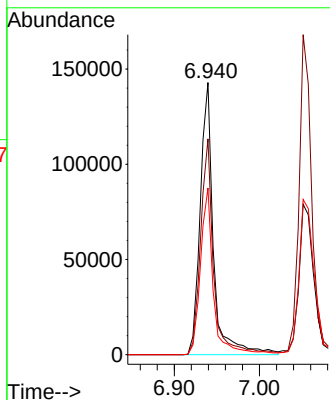
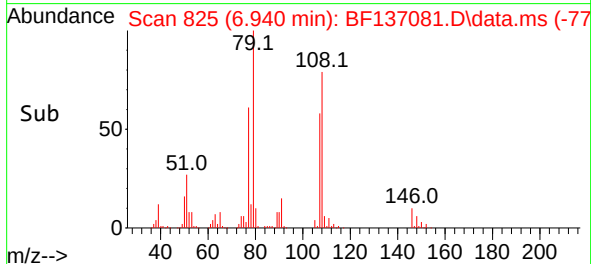
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion: 79 Resp: 155378
Ion Ratio Lower Upper
79 100
108 79.3 61.0 91.6
77 61.2 49.8 74.8

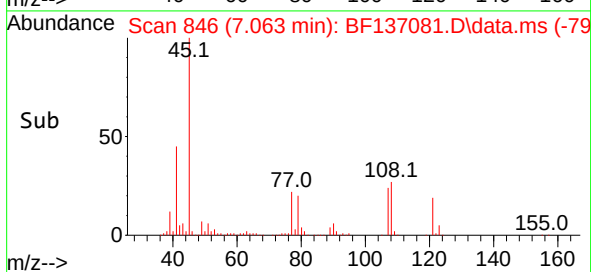
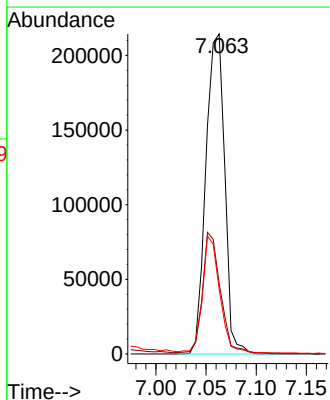
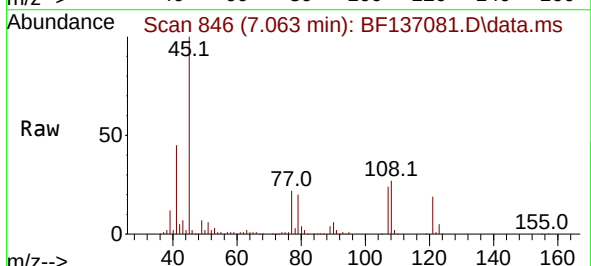
Manual Integrations
APPROVED

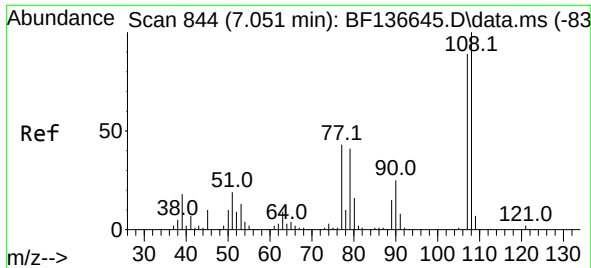
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.108 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

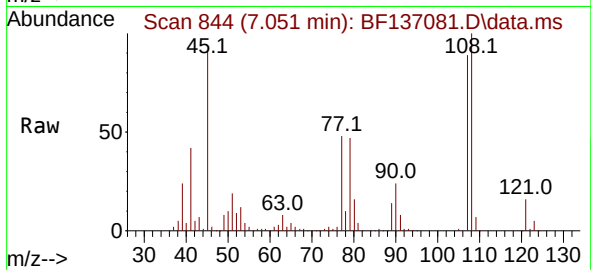
Tgt Ion: 45 Resp: 280098
Ion Ratio Lower Upper
45 100
77 22.0 0.0 34.3
79 20.3 0.0 31.4





#17
2-Methylphenol
Concen: 38.931 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

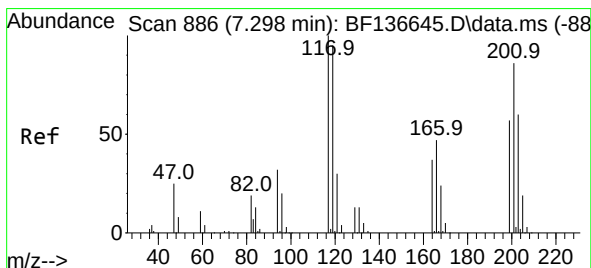
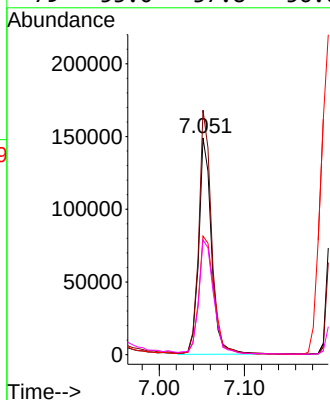
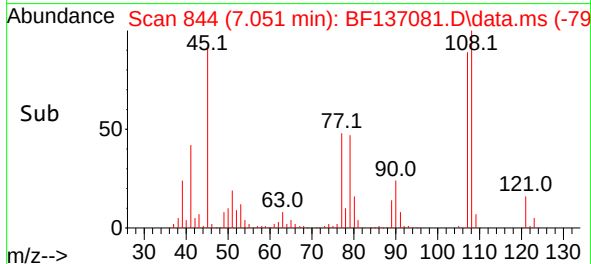
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:107 Resp: 15490
Ion Ratio Lower Upper
107 100
108 112.8 90.3 135.5
77 54.7 38.7 58.1
79 53.0 37.8 56.6

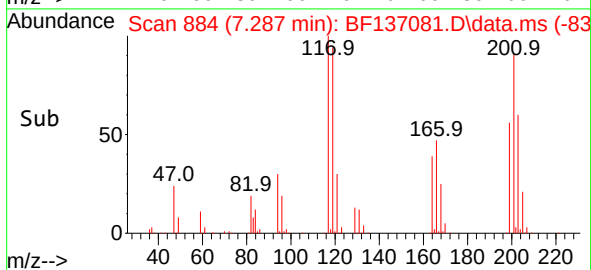
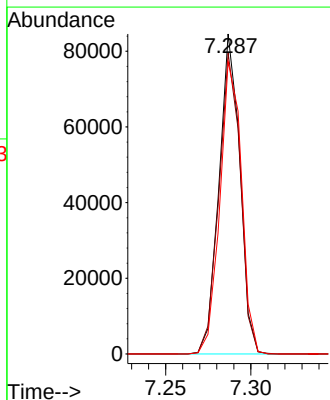
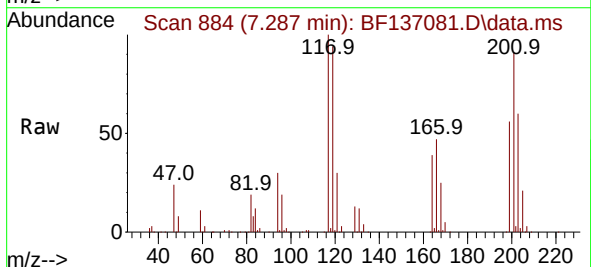
Manual Integrations
APPROVED

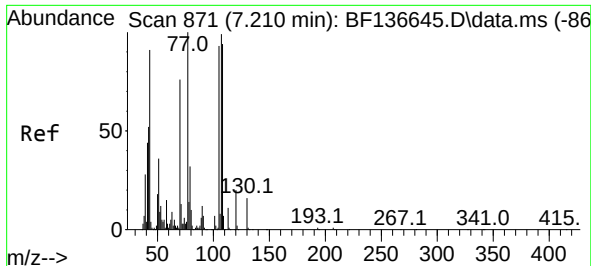
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#18
Hexachloroethane
Concen: 37.128 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

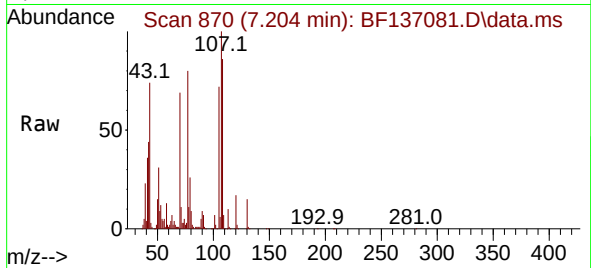
Tgt Ion:117 Resp: 72187
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
201 91.3 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 38.443 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

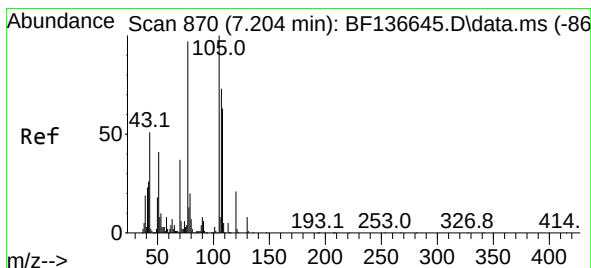
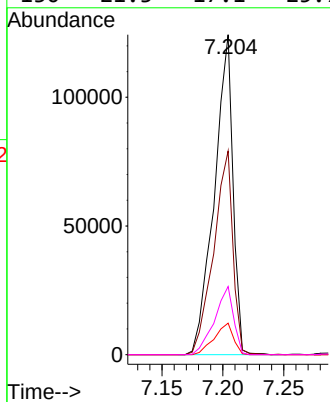
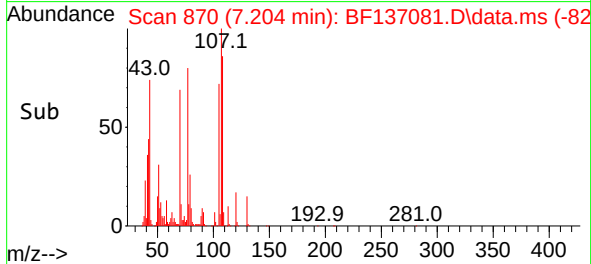
Instrument :
BNA_F
ClientSampleId :
IDOC-02



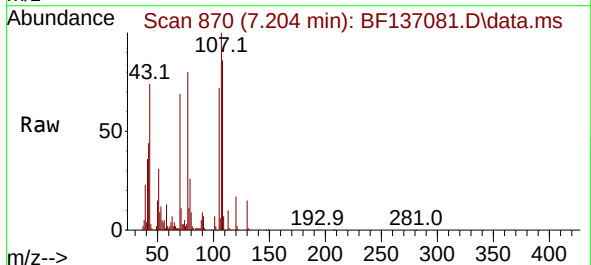
Tgt Ion: 70 Resp: 132530
Ion Ratio Lower Upper
70 100
42 63.6 54.2 81.4
101 9.8 7.6 11.4
130 21.3 17.1 25.7

Manual Integrations
APPROVED

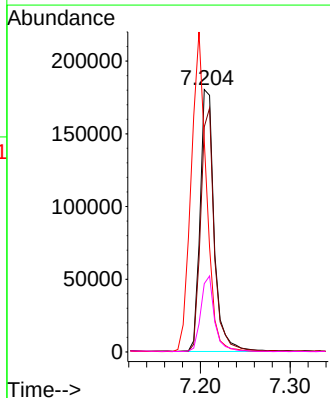
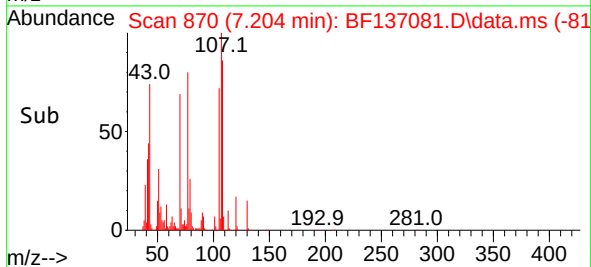
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

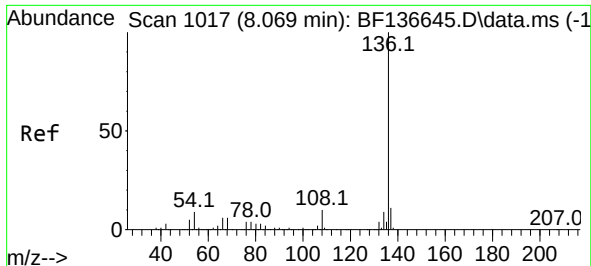


#20
3+4-Methylphenols
Concen: 39.530 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



Tgt Ion:107 Resp: 196500
Ion Ratio Lower Upper
107 100
108 85.8 66.0 106.0
77 80.3 114.2 154.2#
79 26.1 7.2 47.2





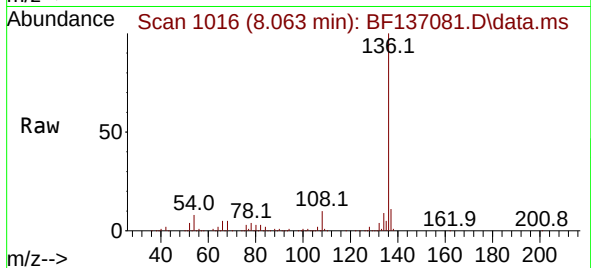
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02



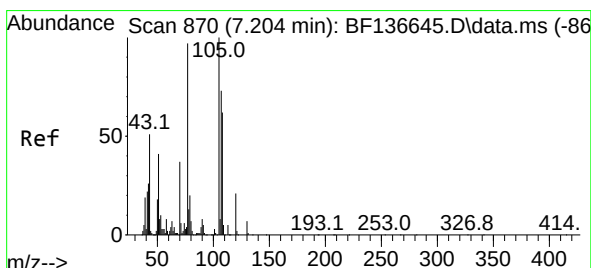
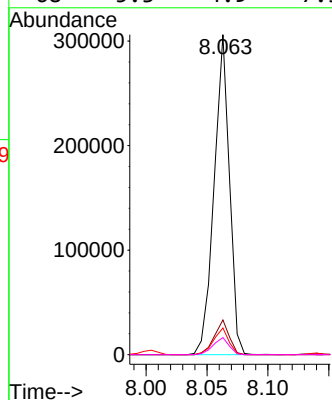
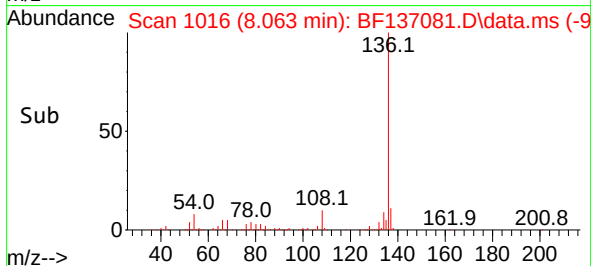
Tgt Ion:136 Resp: 268854
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.4 7.2 10.8
68 5.3 4.9 7.3

Manual Integrations

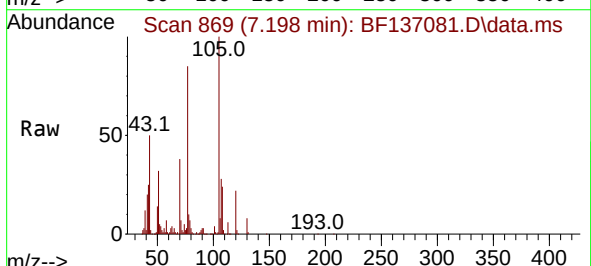
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

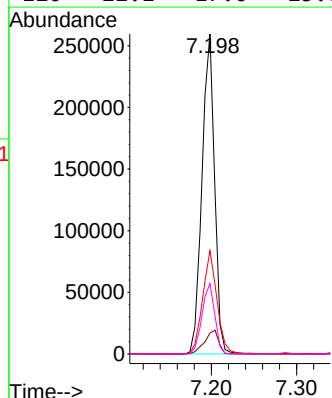
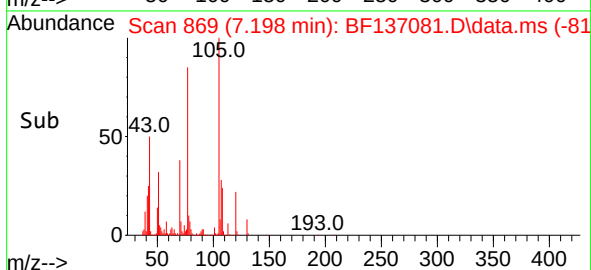
Supervised By :mohammad ahmed 01/18/2024

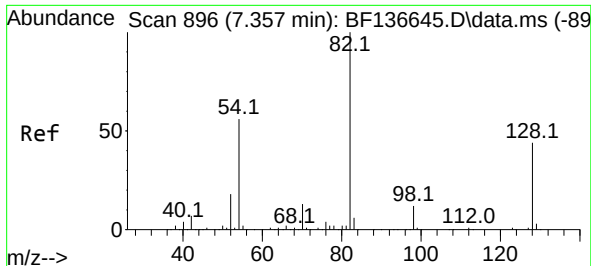


#22
Acetophenone
Concen: 39.536 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



Tgt Ion:105 Resp: 266426
Ion Ratio Lower Upper
105 100
71 6.5 4.8 7.2
51 32.3 32.8 49.2#
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.469 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

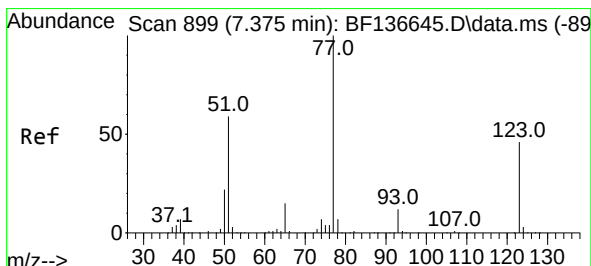
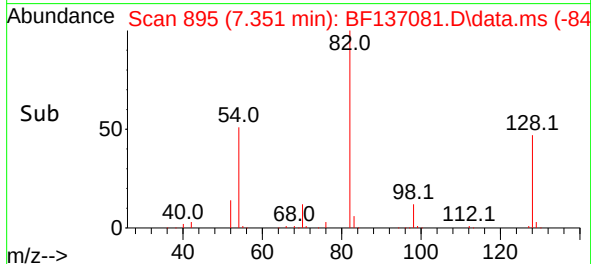
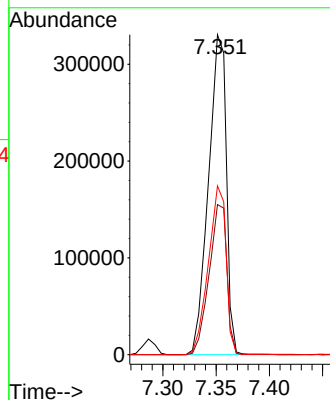
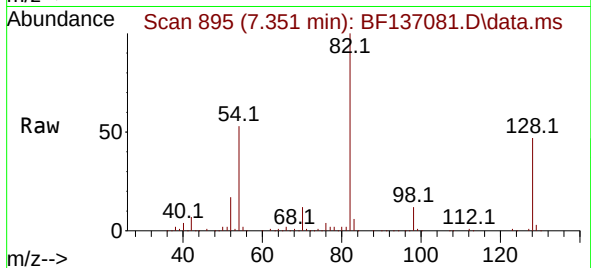
ClientSampleId :

IDOC-02

Tgt Ion: 82 Resp: 38600
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.3 52.9
 54 52.7 44.5 66.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024



#24

Nitrobenzene

Concen: 36.104 ng

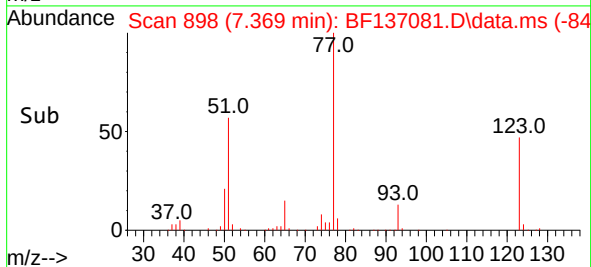
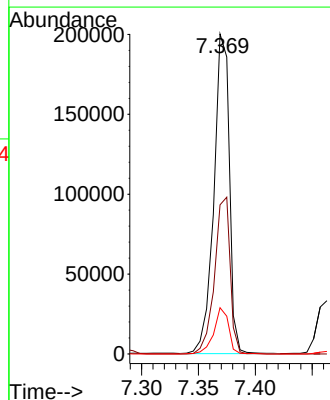
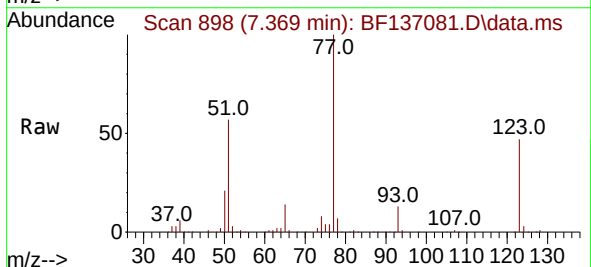
RT: 7.369 min Scan# 898

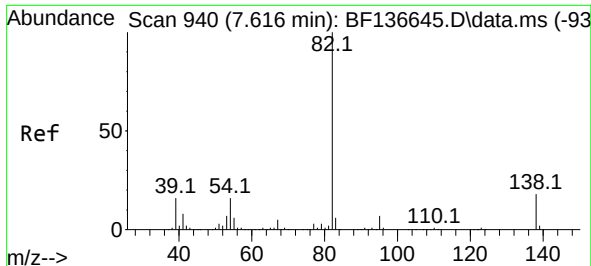
Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

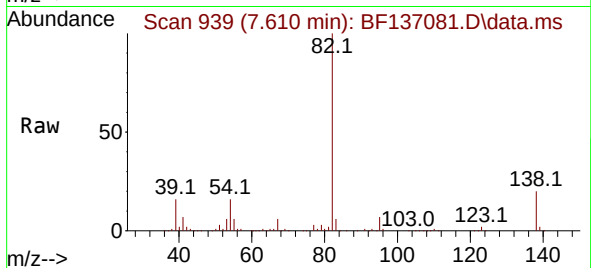
Tgt Ion: 77 Resp: 190022
 Ion Ratio Lower Upper
 77 100
 123 46.6 36.7 55.1
 65 14.5 11.8 17.6





#25
Isophorone
Concen: 37.375 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

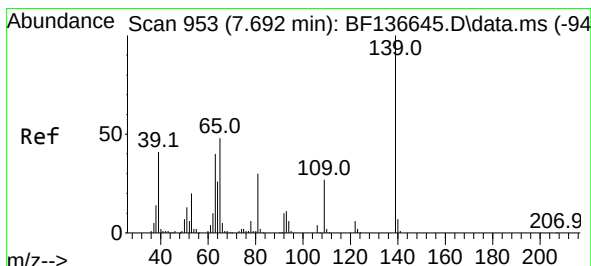
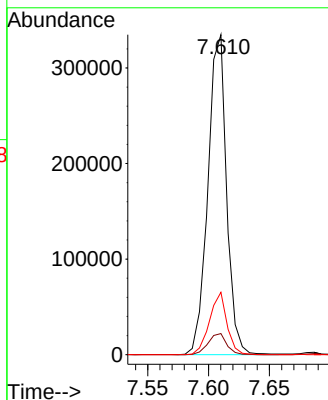
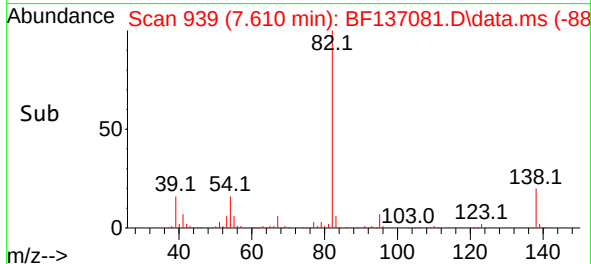
Instrument :
BNA_F
ClientSampleId :
IDOC-02



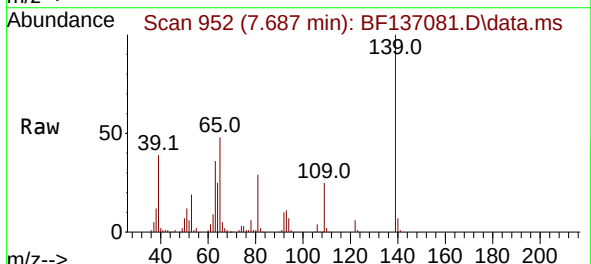
Tgt Ion: 82 Resp: 357311
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 19.5 14.5 21.7

Manual Integrations
APPROVED

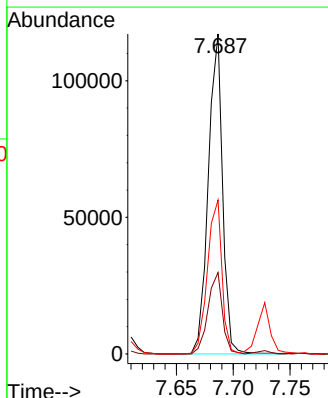
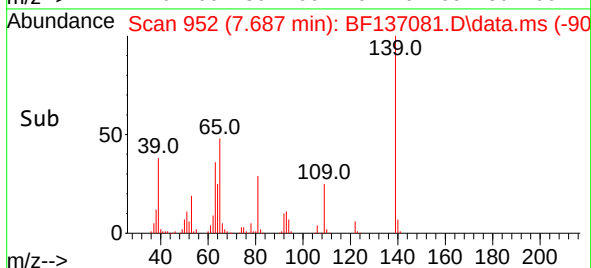
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

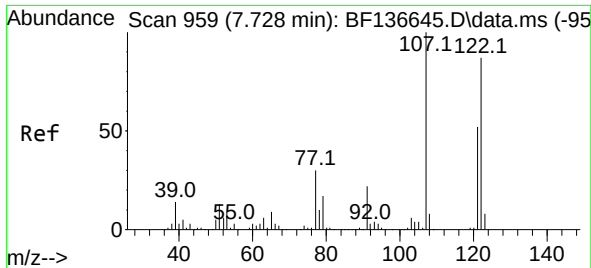


#26
2-Nitrophenol
Concen: 40.598 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



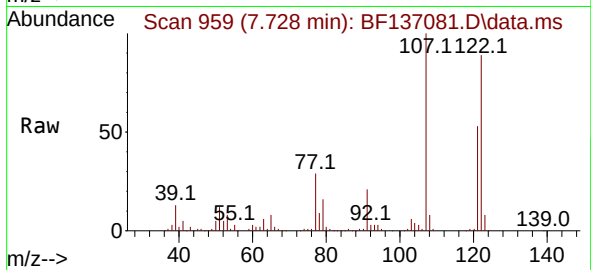
Tgt Ion:139 Resp: 102230
Ion Ratio Lower Upper
139 100
109 25.5 21.9 32.9
65 48.1 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 54.403 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

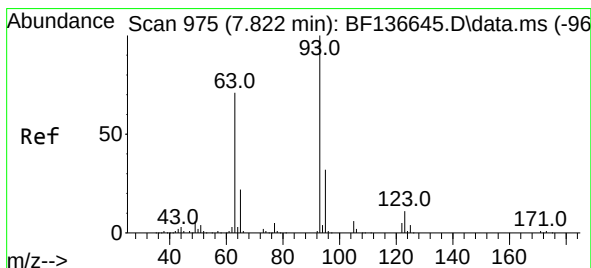
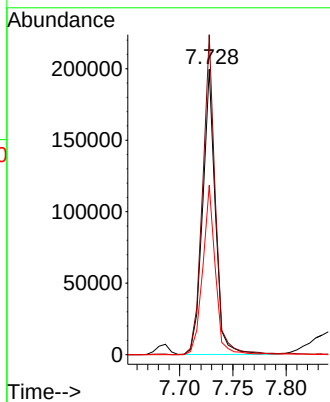
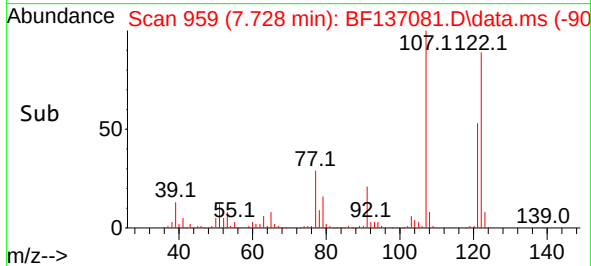
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:122 Resp: 166780
Ion Ratio Lower Upper
122 100
107 112.1 92.0 138.0
121 59.4 47.5 71.3

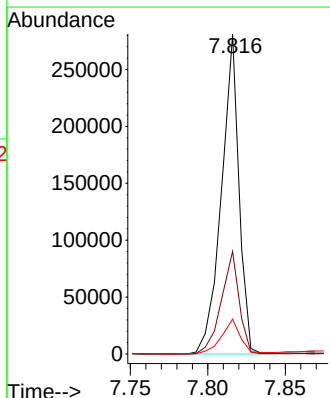
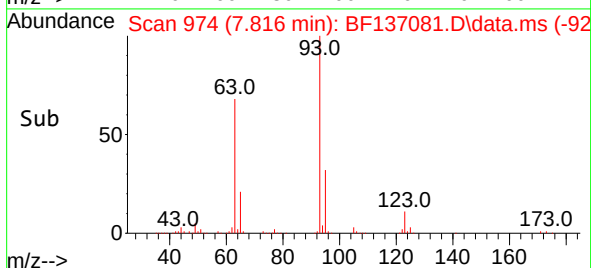
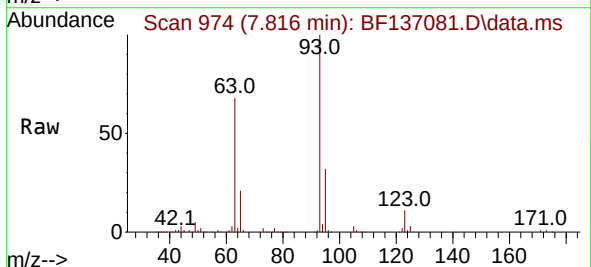
Manual Integrations
APPROVED

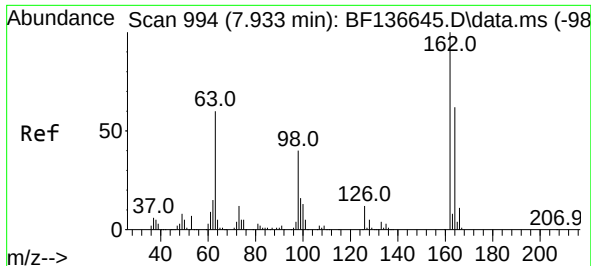
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.195 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion: 93 Resp: 221956
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.361 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

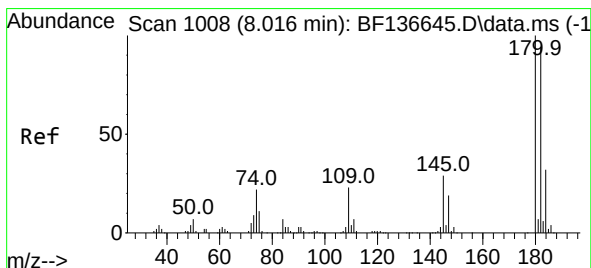
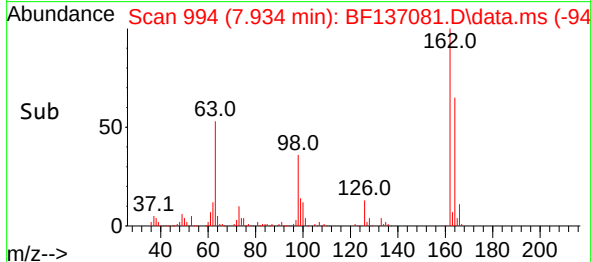
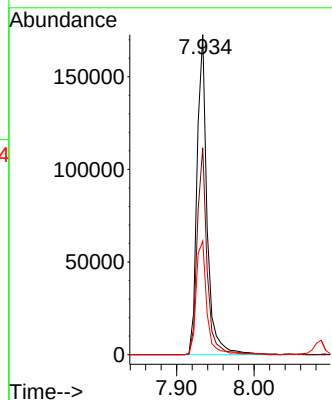
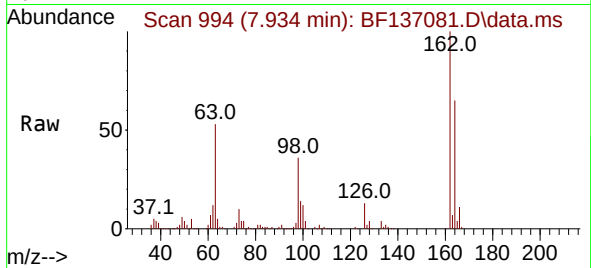
Tgt Ion:	162	Resp:	15534
Ion Ratio	Lower	Upper	
162	100		
164	64.6	41.7	81.7
98	35.5	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.546 ng

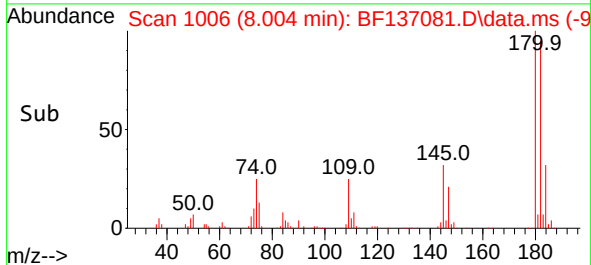
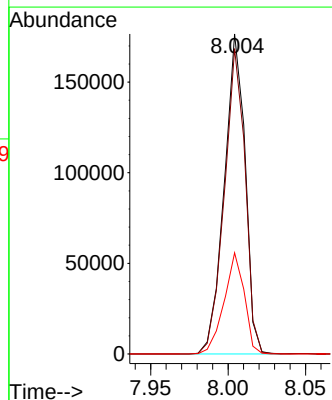
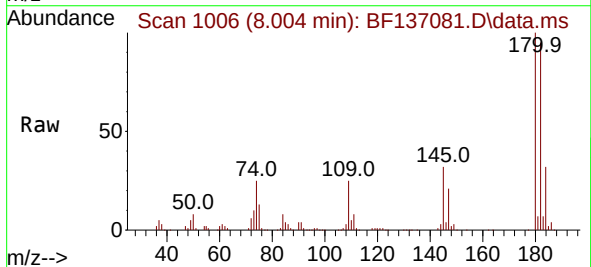
RT: 8.004 min Scan# 1006

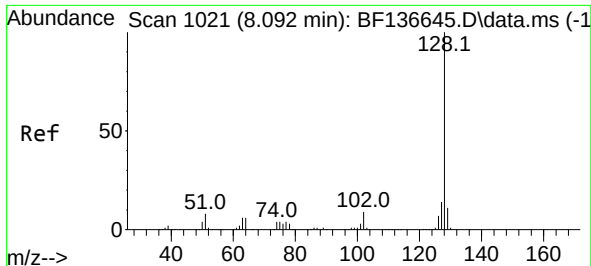
Delta R.T. -0.012 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

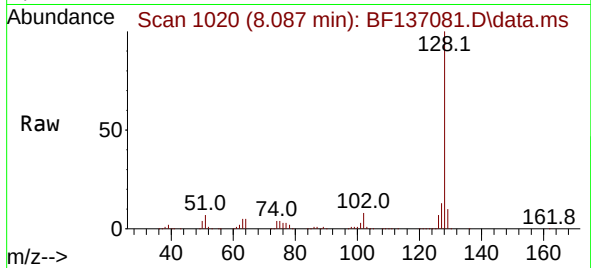
Tgt Ion:	180	Resp:	165107
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.4	113.0
145	31.6	23.1	34.7





#31
Naphthalene
Concen: 37.725 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

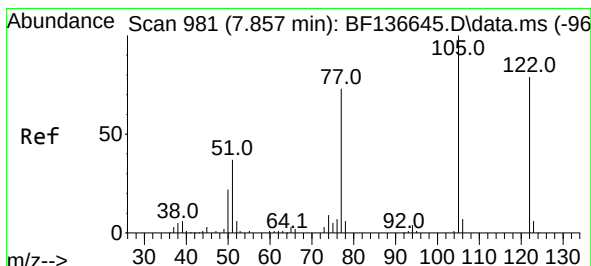
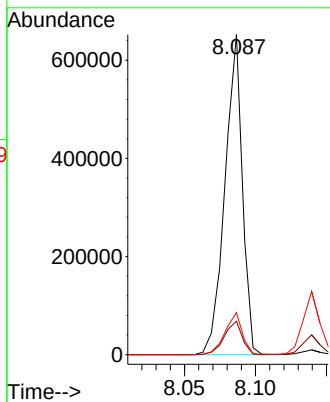
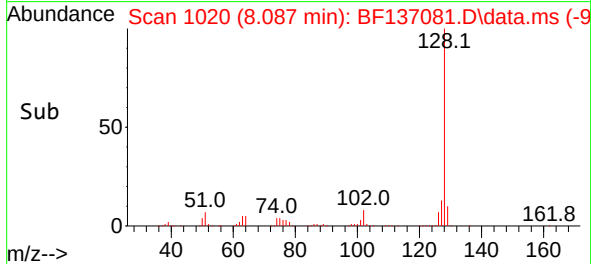
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:128 Resp: 557208
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.2 10.8 16.2

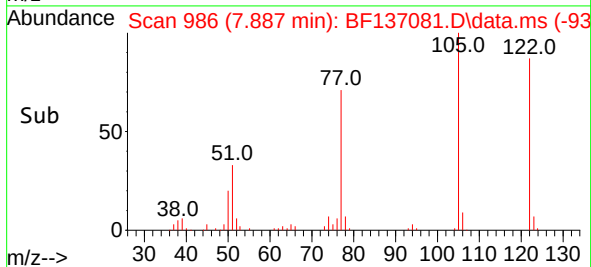
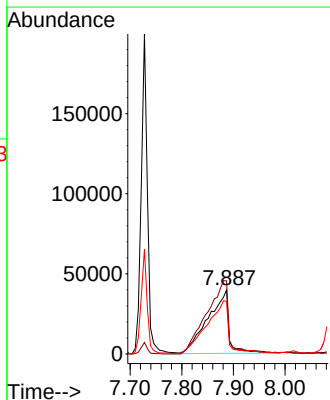
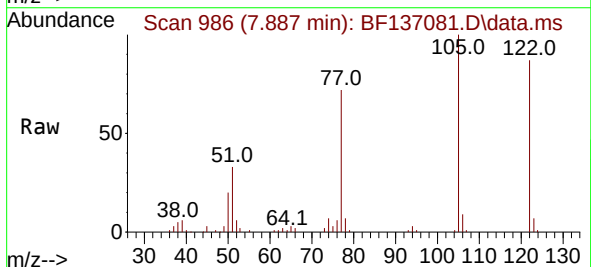
Manual Integrations
APPROVED

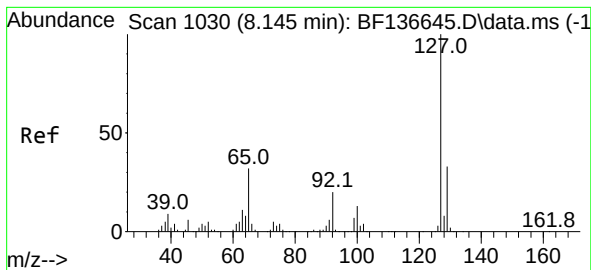
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#32
Benzoic acid
Concen: 37.788 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

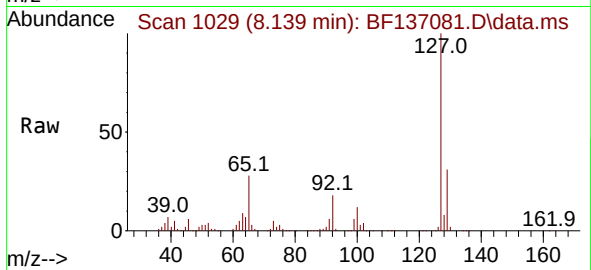
Tgt Ion:122 Resp: 112089
Ion Ratio Lower Upper
122 100
105 114.3 100.8 140.8
77 82.4 70.9 110.9





#33
4-Chloroaniline
Concen: 20.969 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

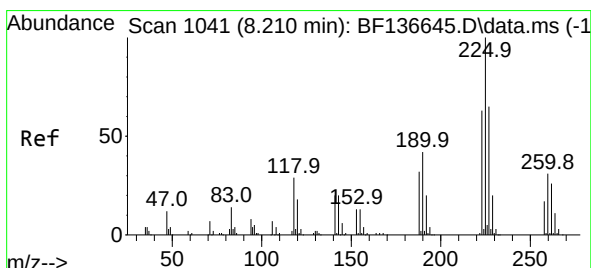
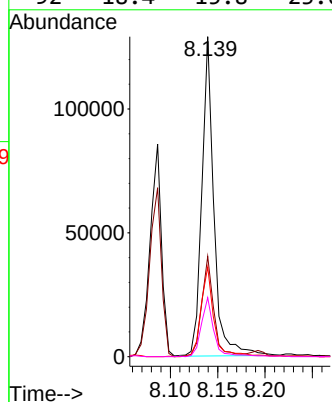
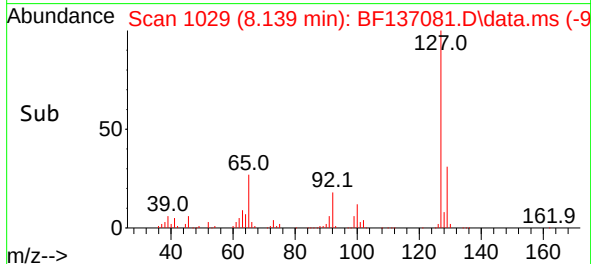
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:127 Resp: 11435
Ion Ratio Lower Upper
127 100
129 31.4 26.3 39.5
65 28.1 25.8 38.8
92 18.4 15.8 23.6

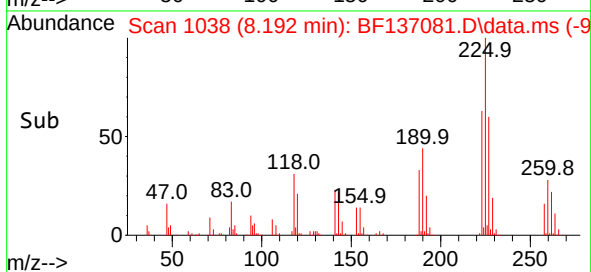
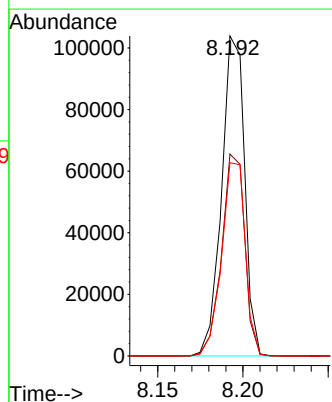
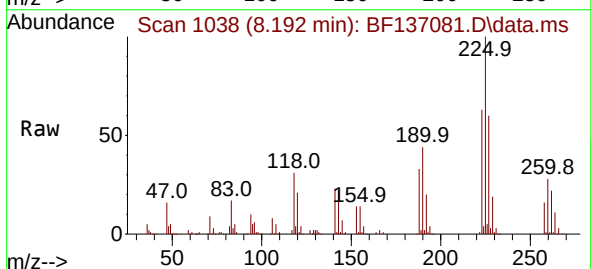
Manual Integrations
APPROVED

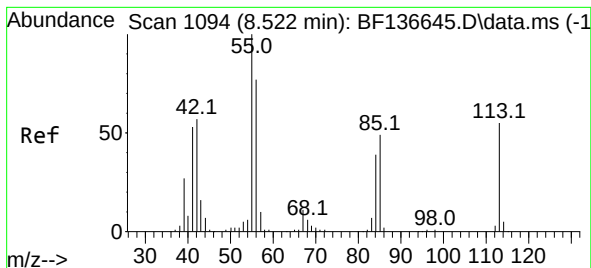
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#34
Hexachlorobutadiene
Concen: 36.377 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion:225 Resp: 97191
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 60.4 51.9 77.9





#35

Caprolactam

Concen: 39.018 ng m

RT: 8.522 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:113 Resp: 5080

Ion Ratio Lower Upper

113 100

55 181.5 163.1 203.1

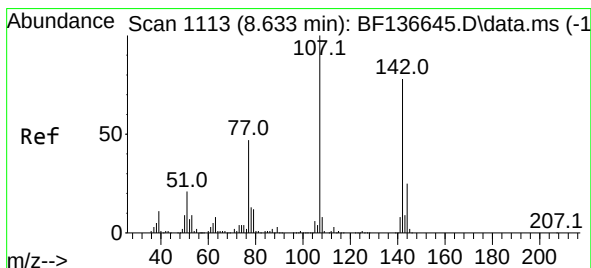
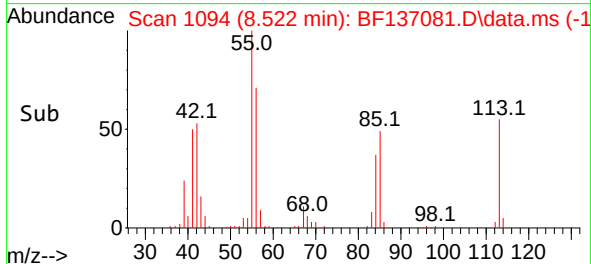
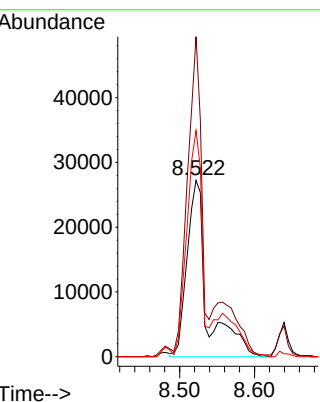
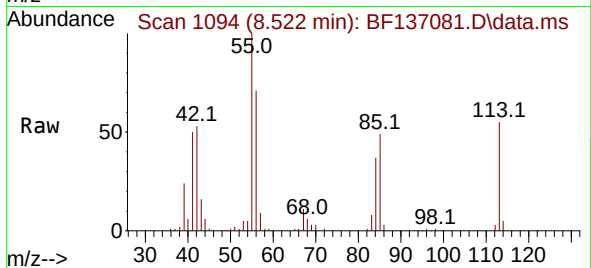
56 128.2 121.7 161.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#36

4-Chloro-3-methylphenol

Concen: 37.872 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

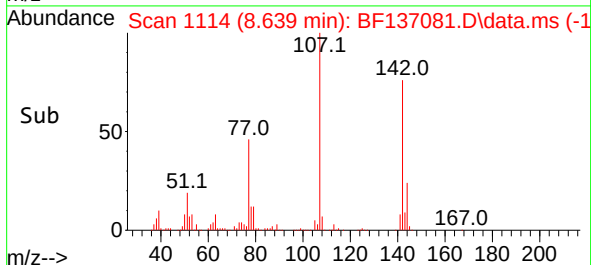
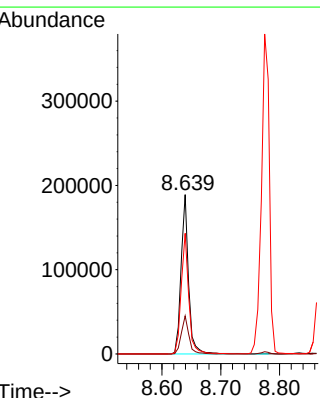
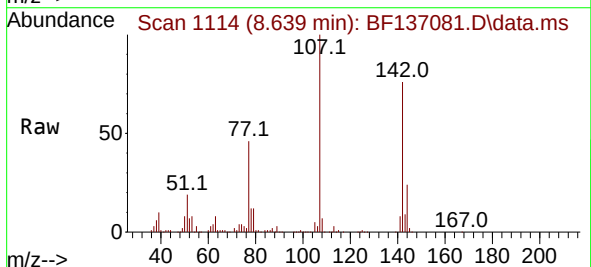
Tgt Ion:107 Resp: 168272

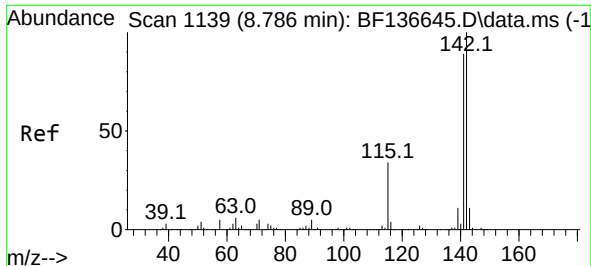
Ion Ratio Lower Upper

107 100

144 24.0 20.2 30.2

142 75.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.550 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:142 Resp: 356938

Ion Ratio Lower Upper

142 100

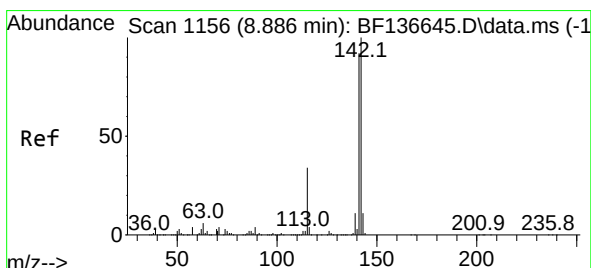
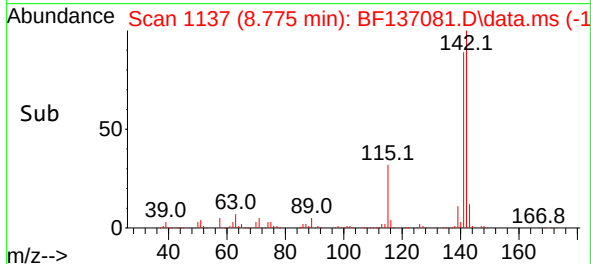
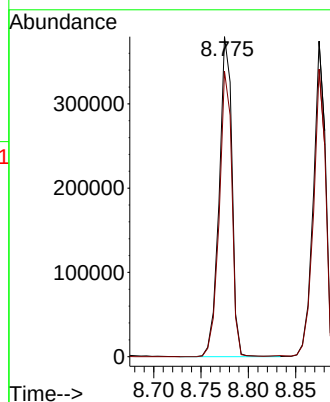
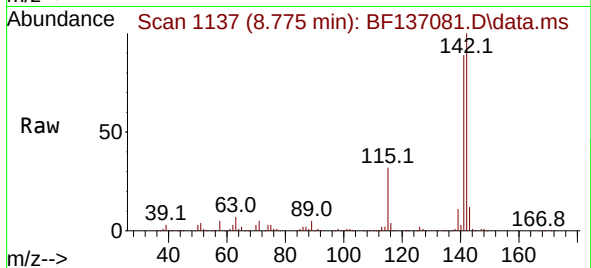
141 89.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#38

1-Methylnaphthalene

Concen: 35.715 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137081.D

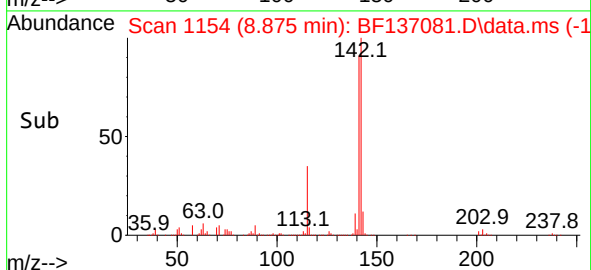
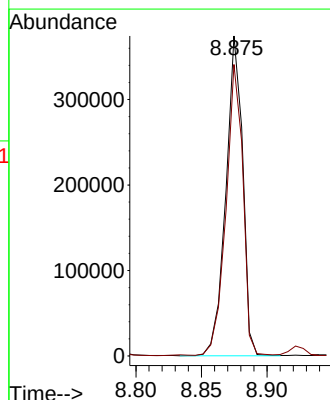
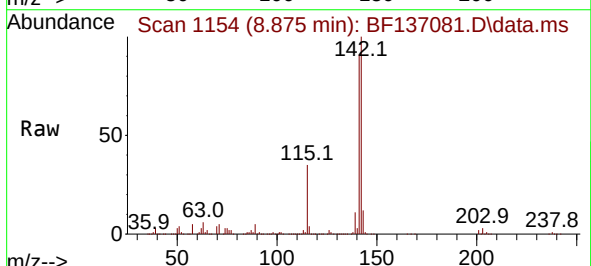
Acq: 16 Jan 2024 16:07

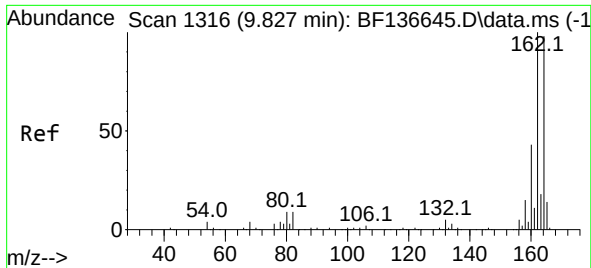
Tgt Ion:142 Resp: 333074

Ion Ratio Lower Upper

142 100

141 91.1 73.6 110.4





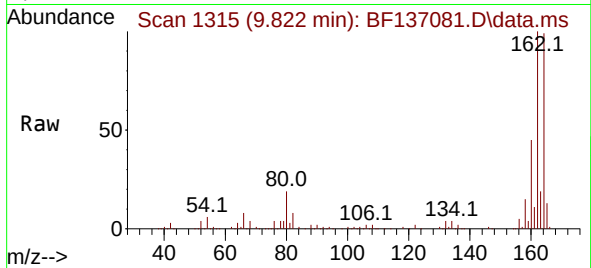
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02



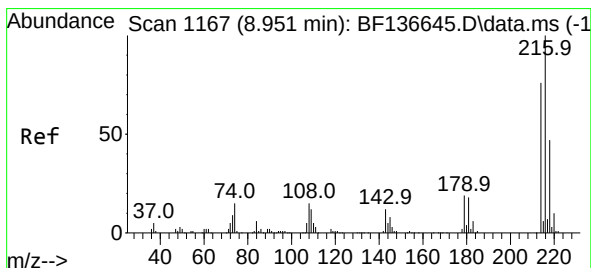
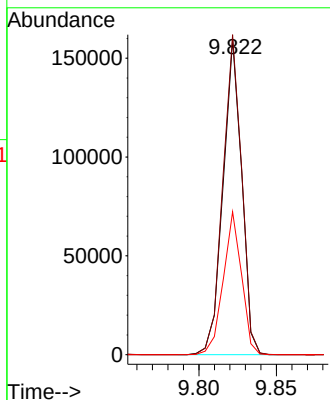
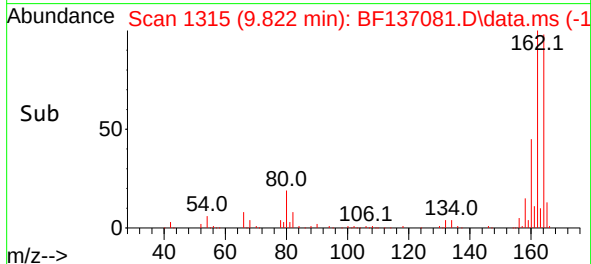
Tgt Ion:164 Resp: 133079
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.3 34.9 52.3

Manual Integrations

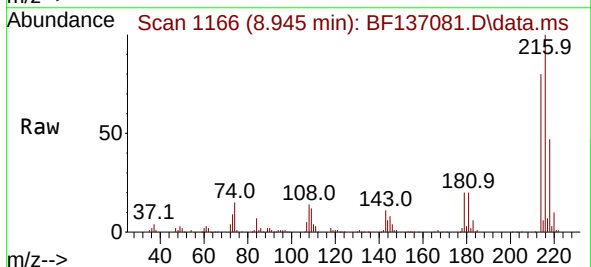
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

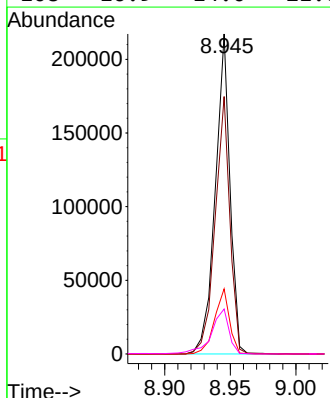
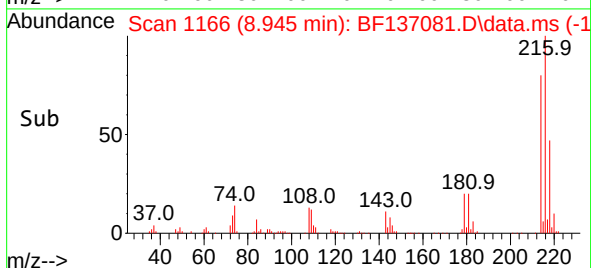
Supervised By :mohammad ahmed 01/18/2024

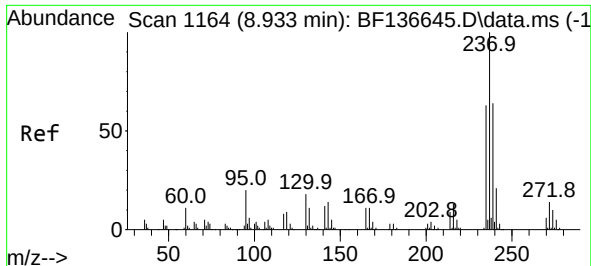


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.018 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



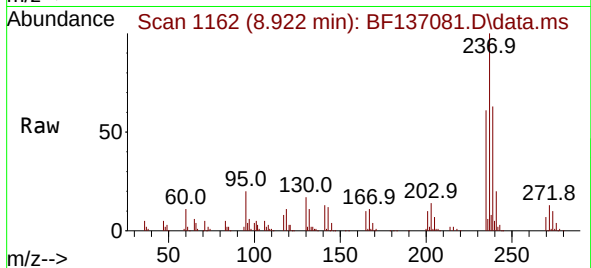
Tgt Ion:216 Resp: 169051
Ion Ratio Lower Upper
216 100
214 80.8 62.3 93.5
179 20.7 16.4 24.6
108 16.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 65.391 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

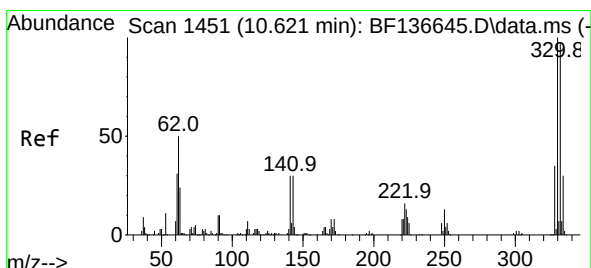
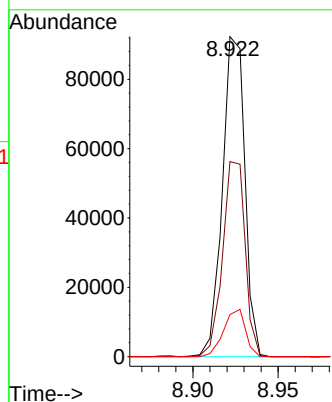
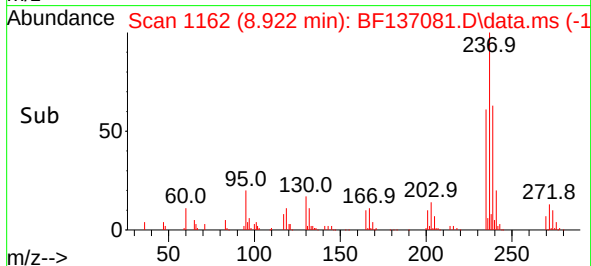
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:237 Resp: 8467
Ion Ratio Lower Upper
237 100
235 60.9 43.2 83.2
272 13.1 0.0 34.2

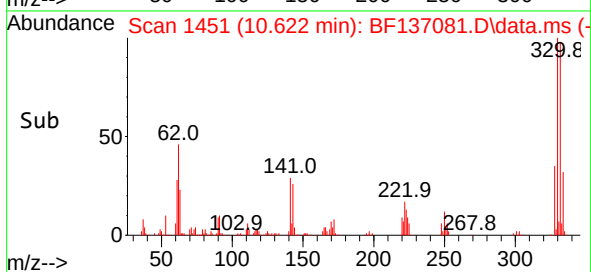
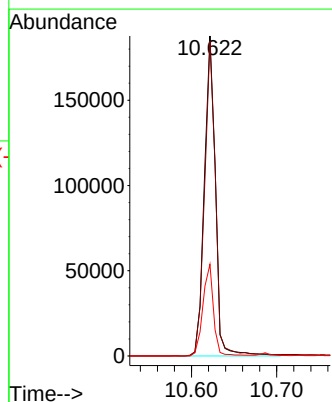
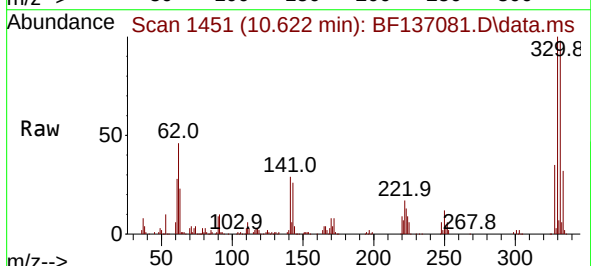
Manual Integrations
APPROVED

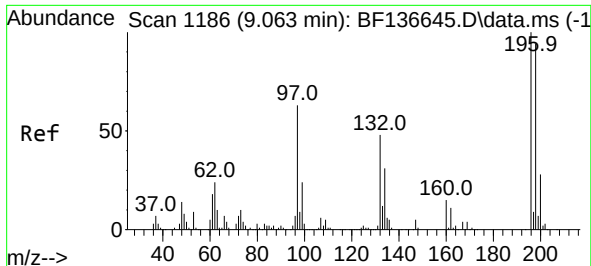
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#42
2,4,6-Tribromophenol
Concen: 107.808 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

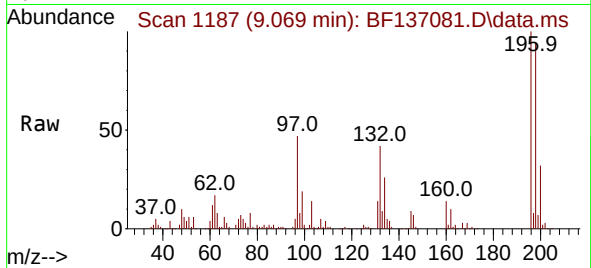
Tgt Ion:330 Resp: 168968
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.0
141 27.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.533 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

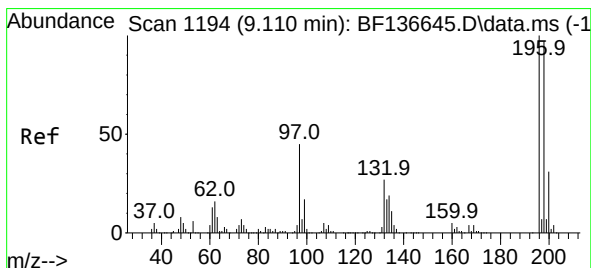
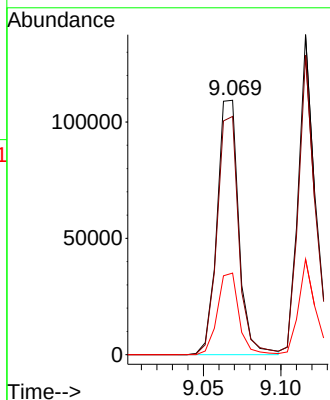
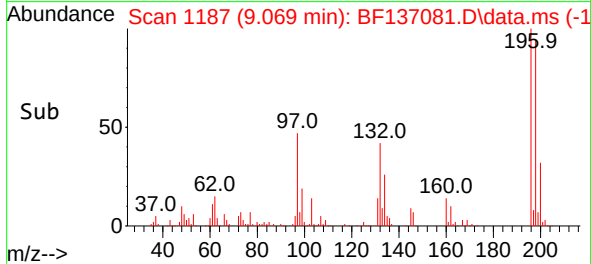
Instrument :
BNA_F
ClientSampleId :
IDOC-02



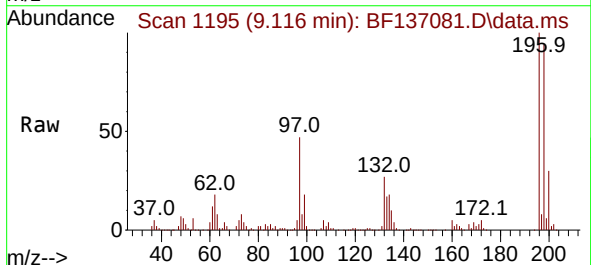
Tgt Ion:196 Resp: 107135
Ion Ratio Lower Upper
196 100
198 93.7 75.1 112.7
200 32.1 22.5 33.7

Manual Integrations
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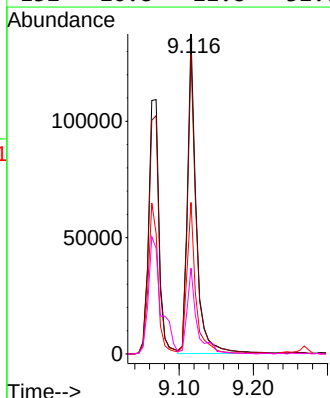
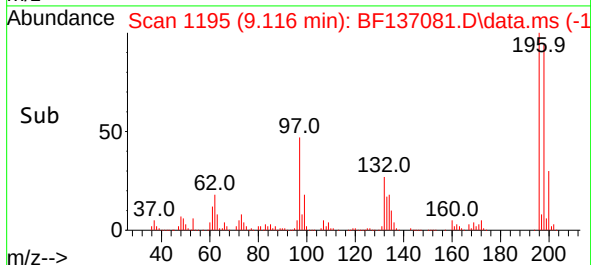
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

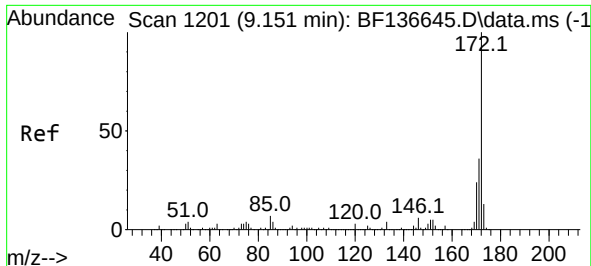


#44
2,4,5-Trichlorophenol
Concen: 38.612 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



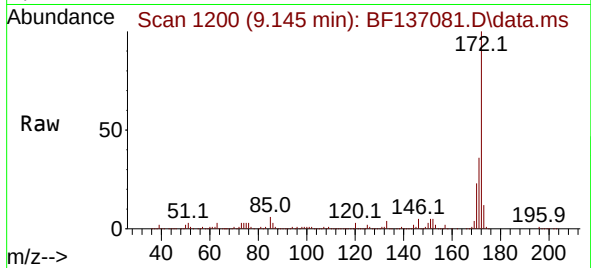
Tgt Ion:196 Resp: 113727
Ion Ratio Lower Upper
196 100
198 93.6 77.0 115.6
97 47.4 36.1 54.1
132 26.8 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 78.241 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

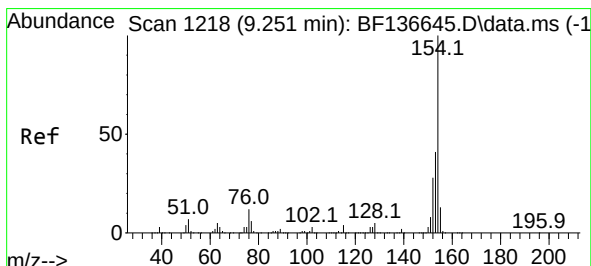
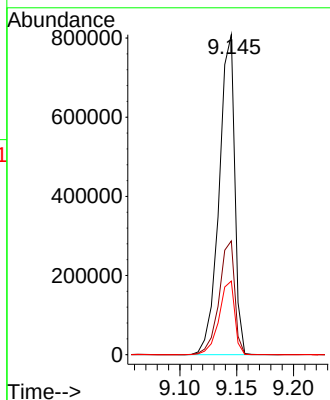
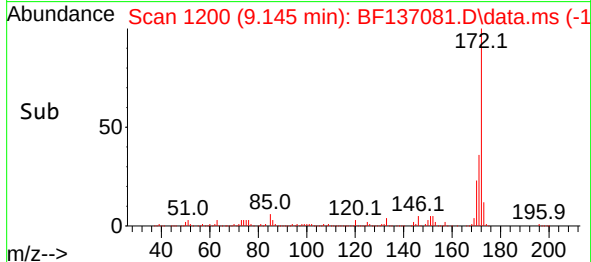
Instrument :
BNA_F
ClientSampleId :
IDOC-02



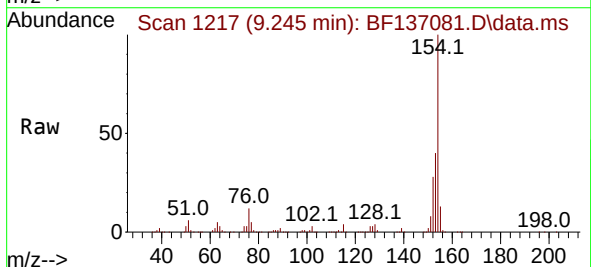
Tgt Ion:172 Resp: 77415
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.0 19.0 28.4

Manual Integrations
APPROVED

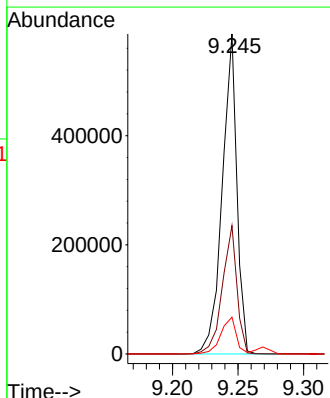
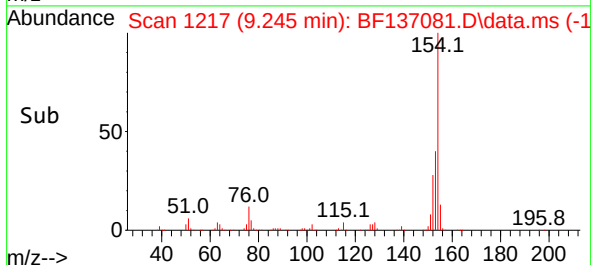
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

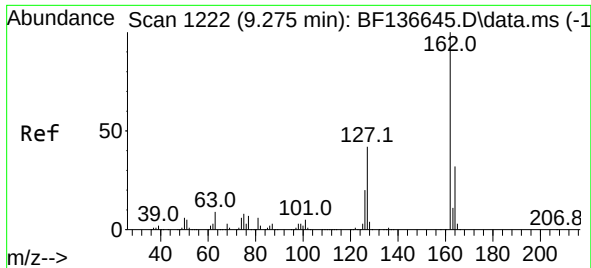


#46
1,1'-Biphenyl
Concen: 40.729 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



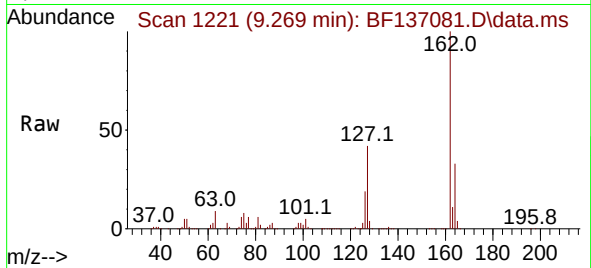
Tgt Ion:154 Resp: 454834
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 11.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 39.535 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

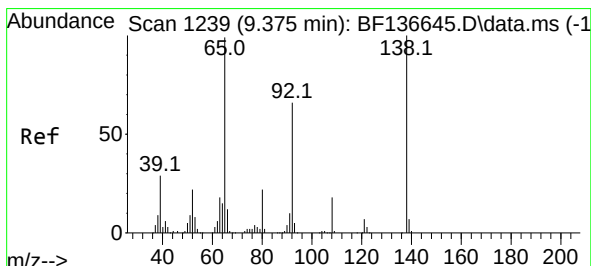
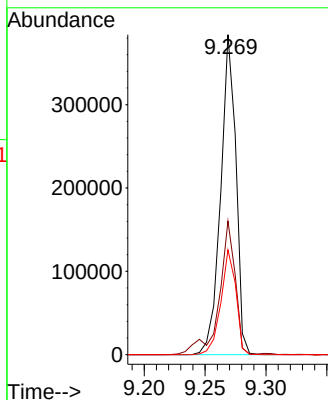
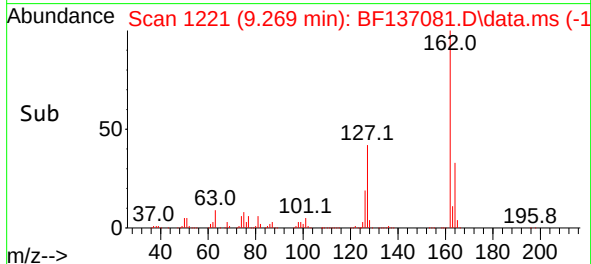
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:162 Resp: 335639
Ion Ratio Lower Upper
162 100
127 41.8 33.6 50.4
164 32.8 25.7 38.5

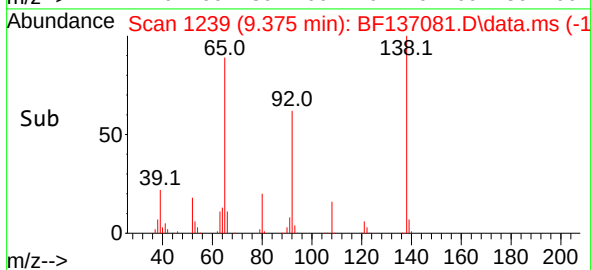
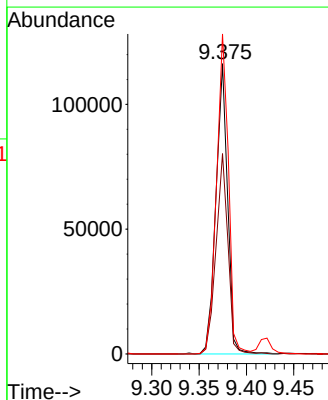
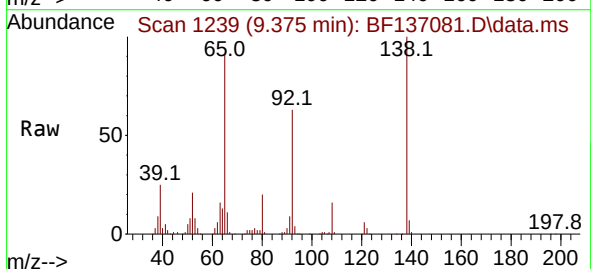
Manual Integrations
APPROVED

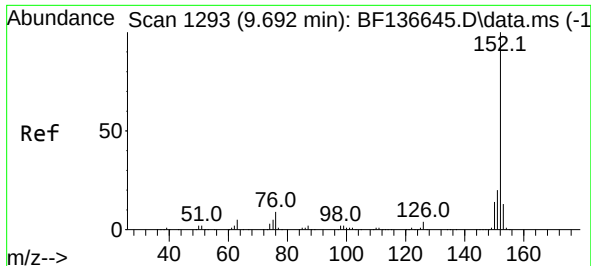
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#48
2-Nitroaniline
Concen: 37.609 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion: 65 Resp: 99983
Ion Ratio Lower Upper
65 100
92 69.0 53.2 79.8
138 110.3 81.1 121.7





#49

Acenaphthylene

Concen: 40.129 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

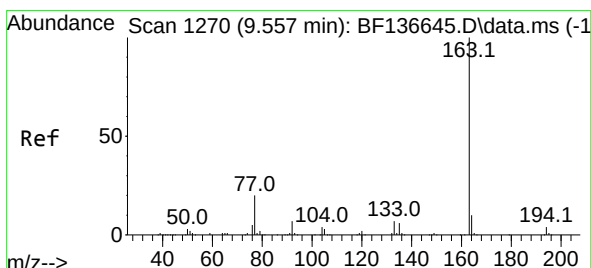
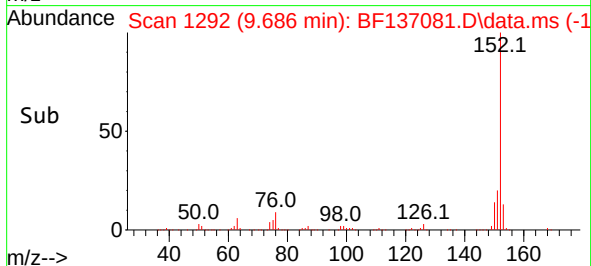
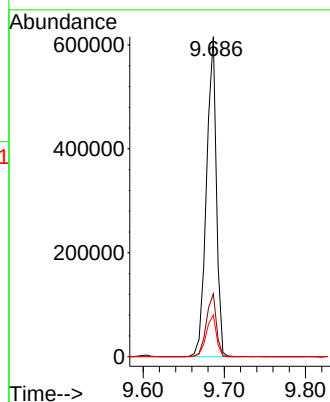
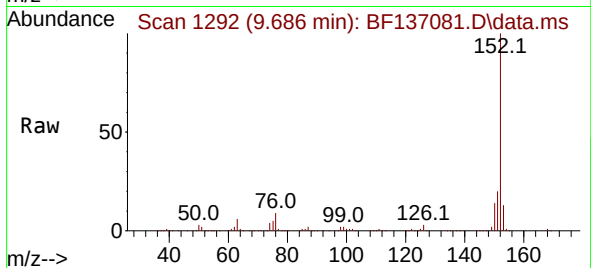
Tgt Ion:	152	Resp:	520720
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	13.1	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#50

Dimethylphthalate

Concen: 39.235 ng

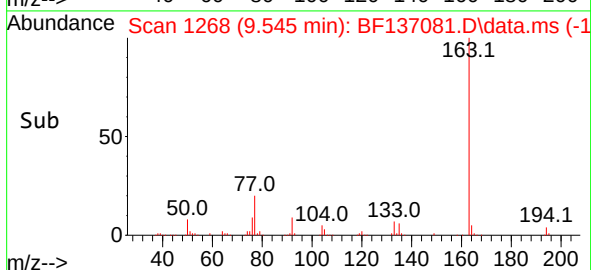
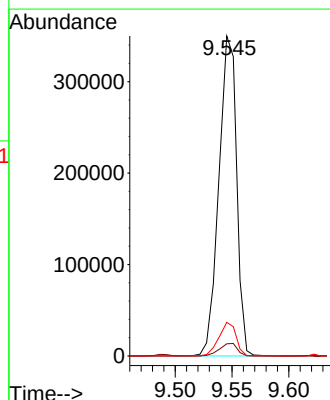
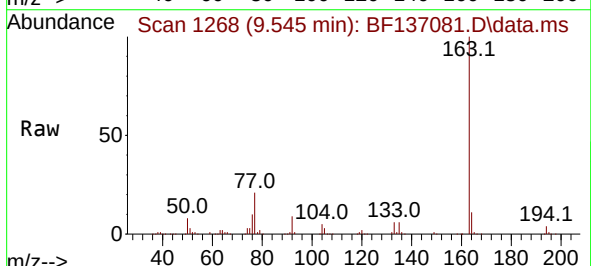
RT: 9.545 min Scan# 1268

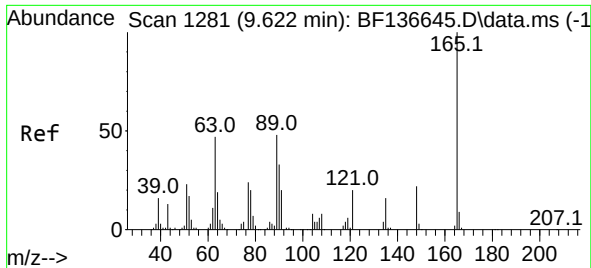
Delta R.T. -0.012 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

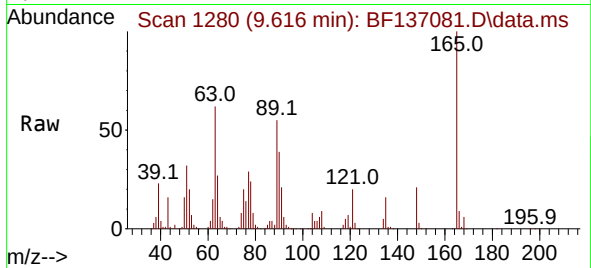
Tgt Ion:	163	Resp:	381382
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	10.5	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 38.217 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

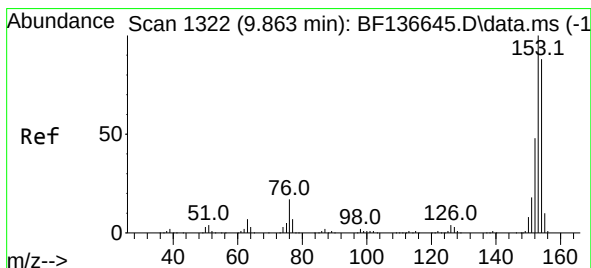
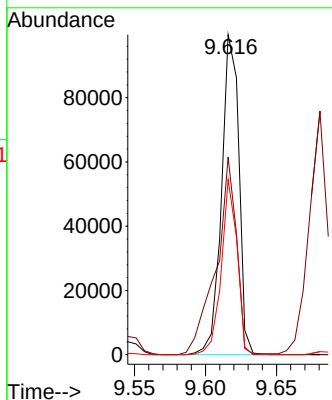
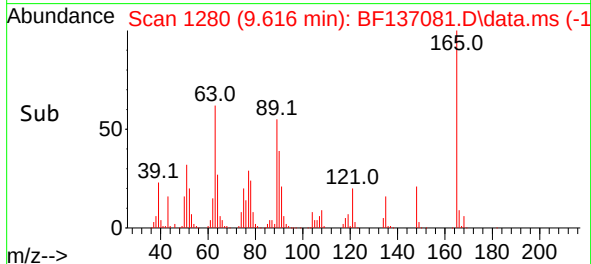
Instrument :
BNA_F
ClientSampleId :
IDOC-02



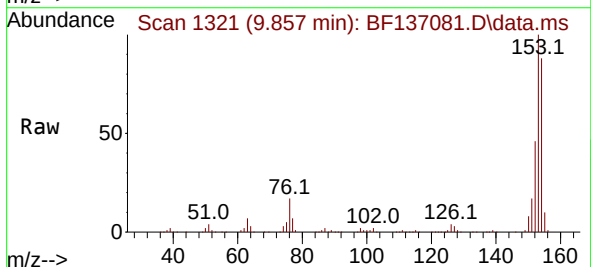
Tgt Ion:165 Resp: 84308
Ion Ratio Lower Upper
165 100
63 61.7 39.8 59.6
89 54.7 38.8 58.2

Manual Integrations
APPROVED

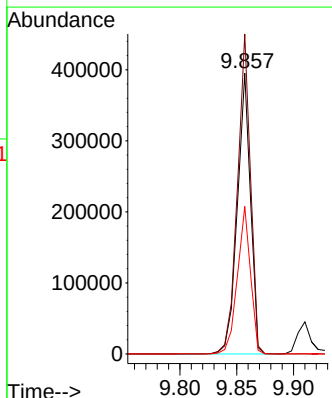
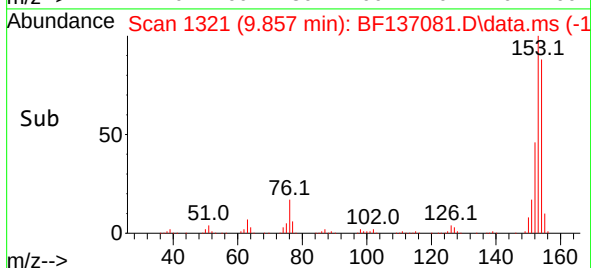
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

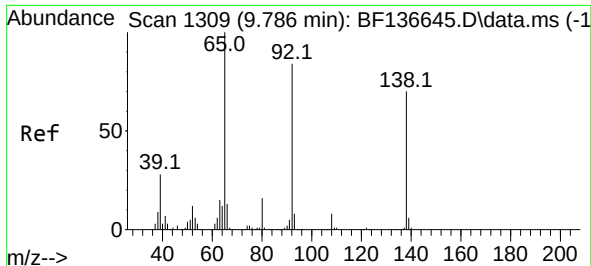


#52
Acenaphthene
Concen: 39.552 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



Tgt Ion:154 Resp: 318149
Ion Ratio Lower Upper
154 100
153 113.9 90.7 136.1
152 52.5 43.7 65.5





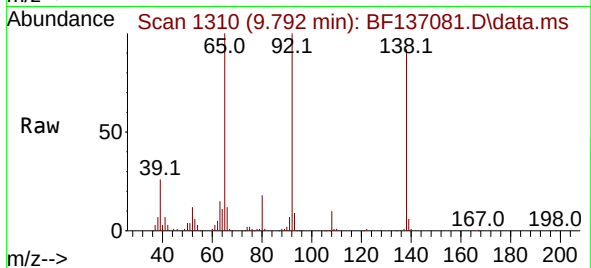
#53
3-Nitroaniline
Concen: 27.842 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02



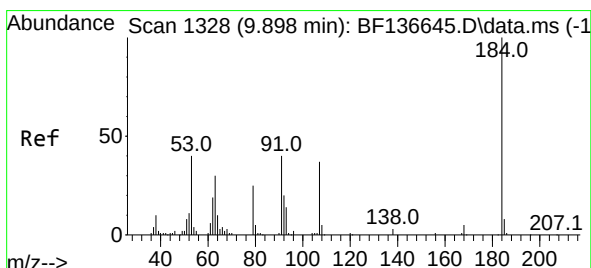
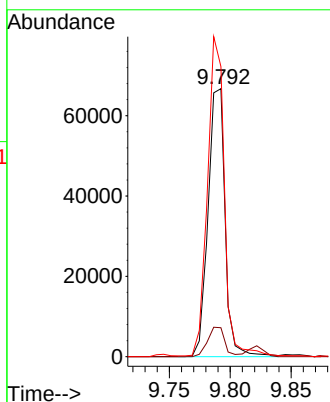
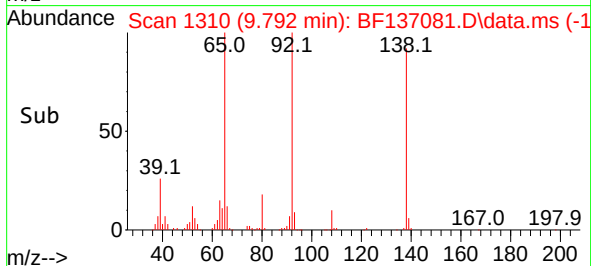
Tgt Ion:138 Resp: 6506
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 108.2 95.2 142.8

Manual Integrations

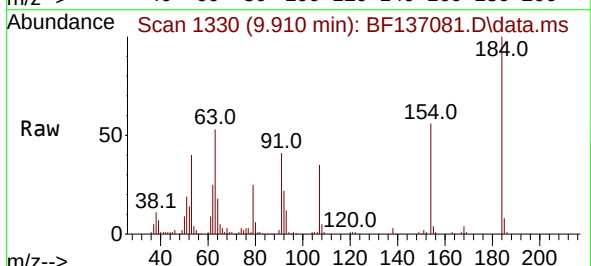
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

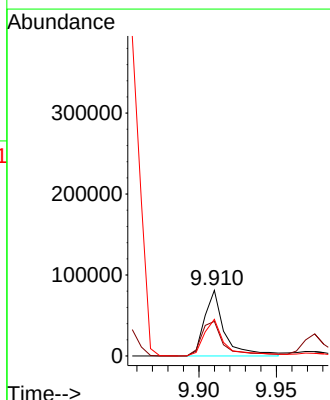
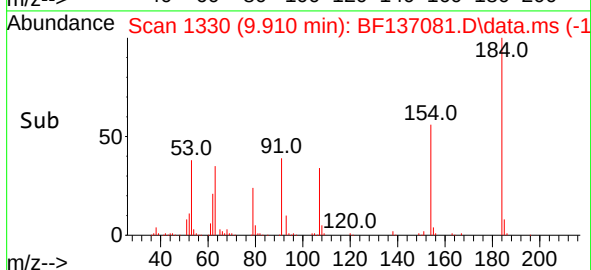
Supervised By :mohammad ahmed 01/18/2024

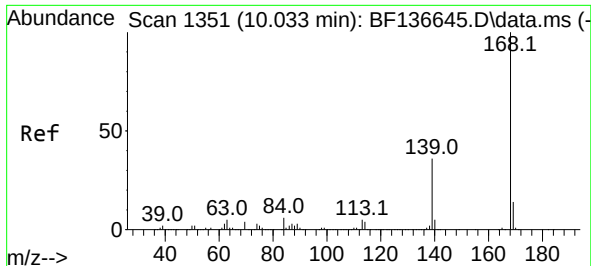


#54
2,4-Dinitrophenol
Concen: 60.588 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



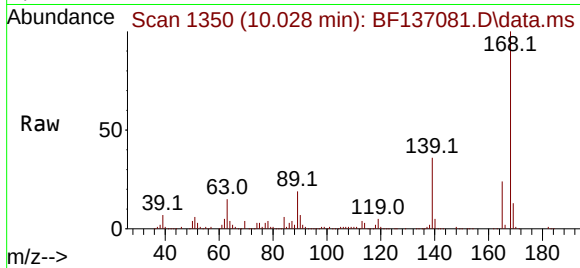
Tgt Ion:184 Resp: 72915
Ion Ratio Lower Upper
184 100
63 52.7 40.9 61.3
154 55.9 42.7 64.1





#55
Dibenzenofuran
Concen: 39.164 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

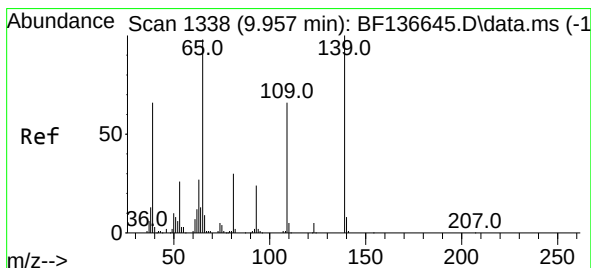
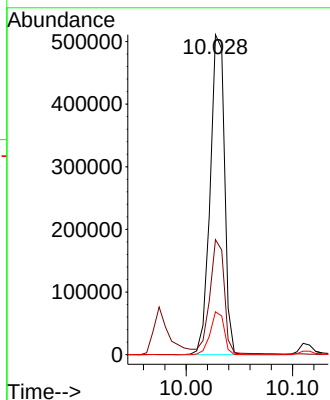
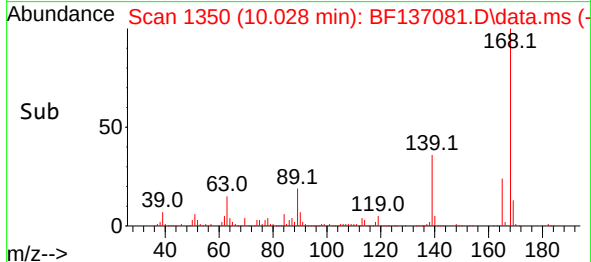
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:168 Resp: 477532
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.4 11.0 16.4

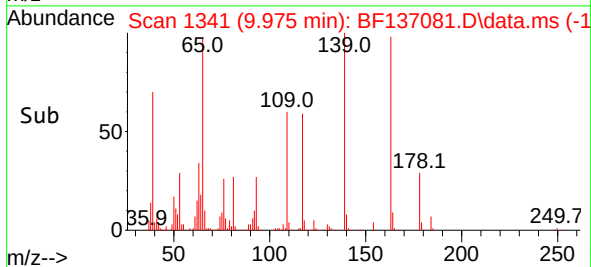
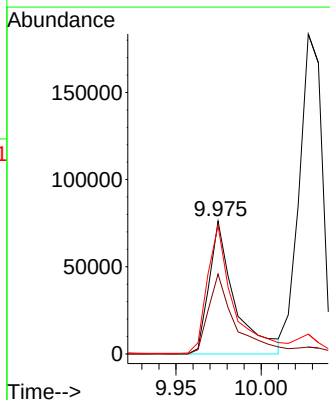
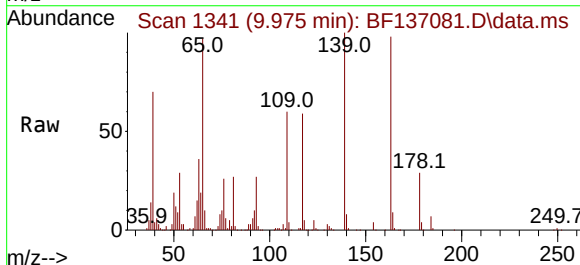
Manual Integrations
APPROVED

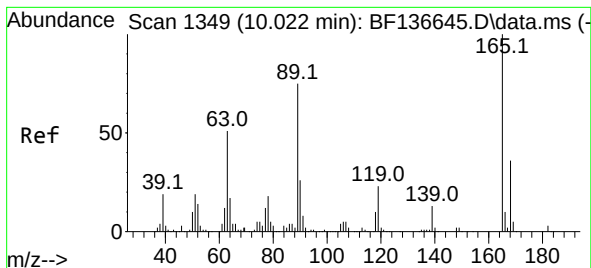
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#56
4-Nitrophenol
Concen: 50.581 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

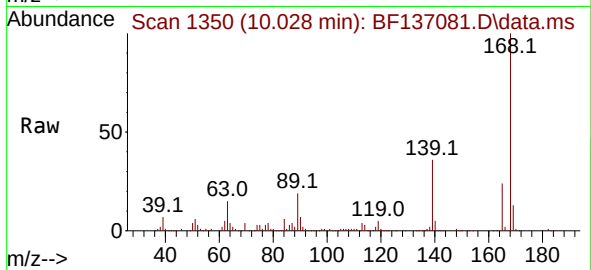
Tgt Ion:139 Resp: 79794
Ion Ratio Lower Upper
139 100
109 60.2 45.8 85.8
65 96.7 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 35.623 ng
RT: 10.028 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

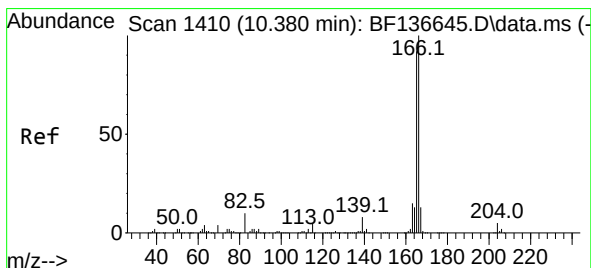
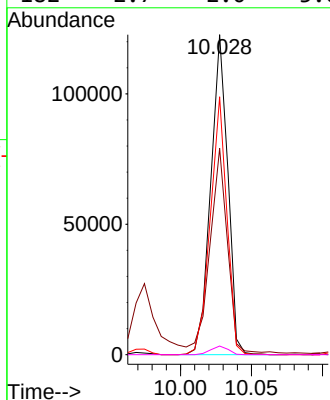
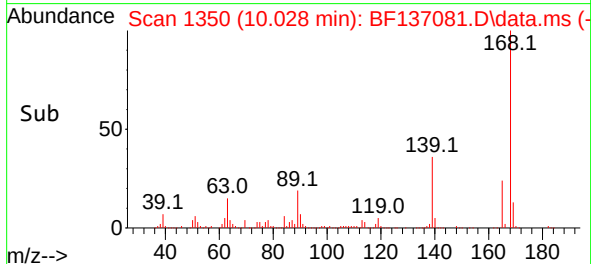
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:165 Resp: 102020
Ion Ratio Lower Upper
165 100
63 64.5 41.0 61.6
89 80.6 59.9 89.9
182 2.7 2.0 3.0

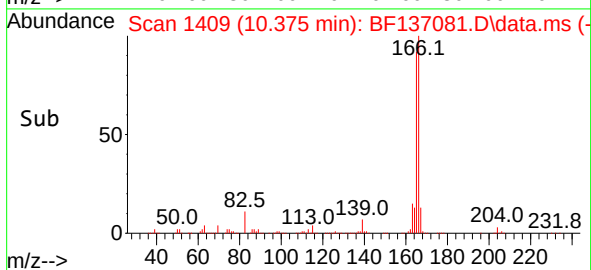
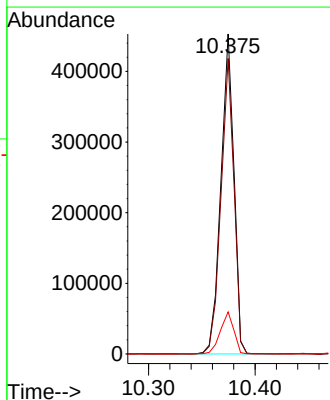
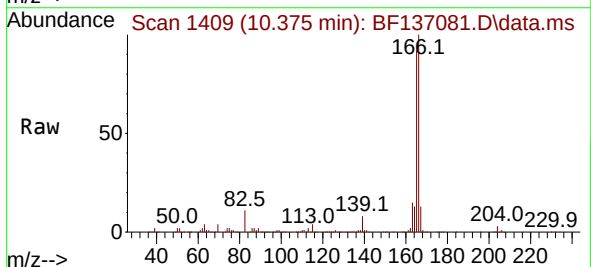
Manual Integrations
APPROVED

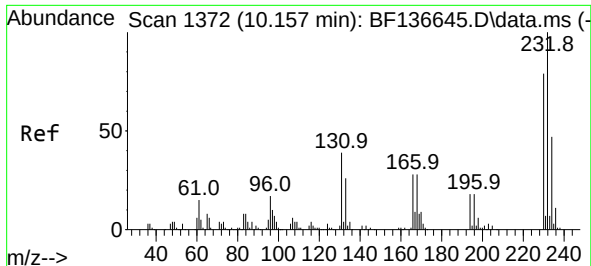
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#58
Fluorene
Concen: 39.711 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

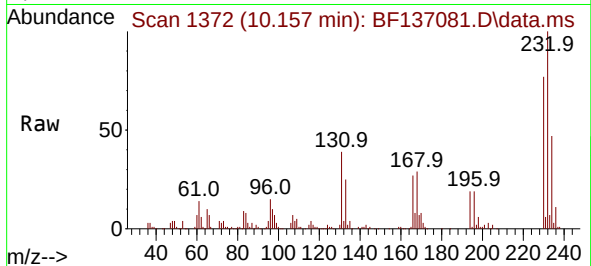
Tgt Ion:166 Resp: 384192
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.866 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

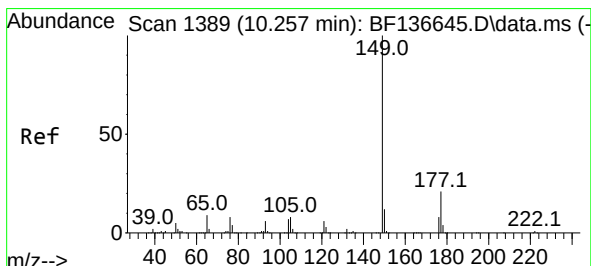
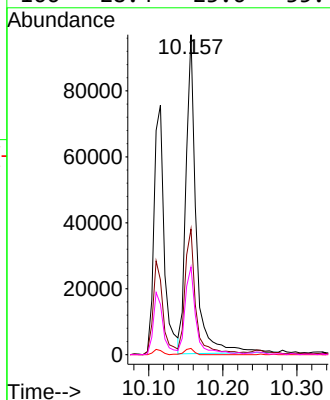
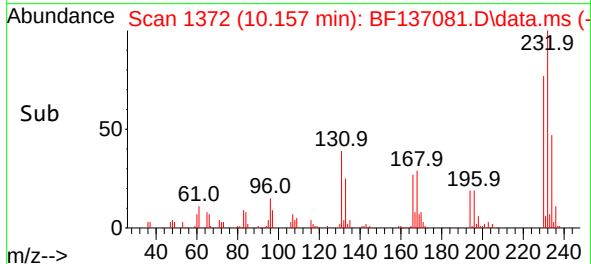
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:232 Resp: 92650
Ion Ratio Lower Upper
232 100
131 41.0 35.1 52.7
130 1.9 1.6 2.4
166 28.4 23.6 35.4

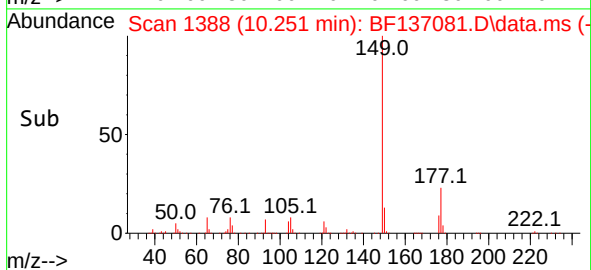
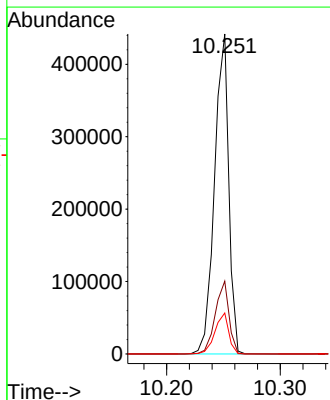
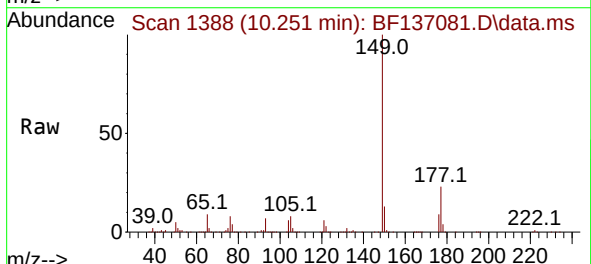
Manual Integrations
APPROVED

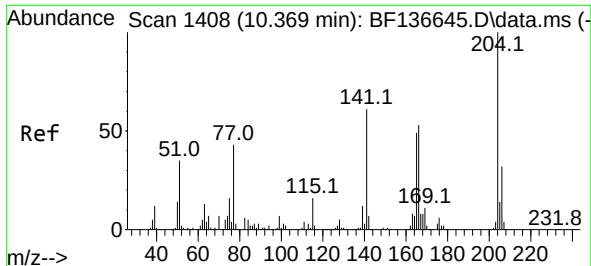
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#60
Diethylphthalate
Concen: 38.088 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

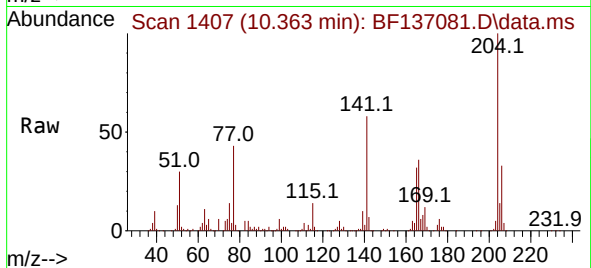
Tgt Ion:149 Resp: 384133
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.8 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.488 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

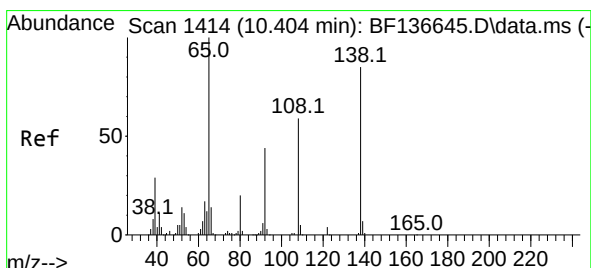
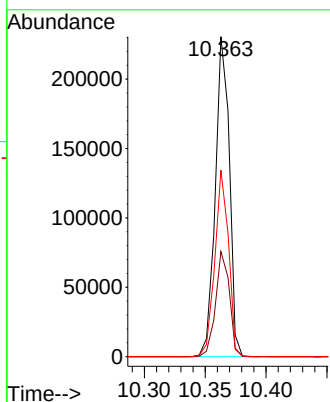
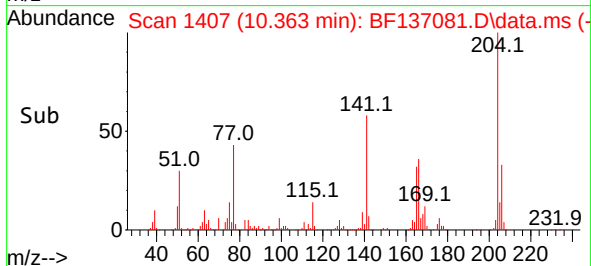
Instrument :
BNA_F
ClientSampleId :
IDOC-02



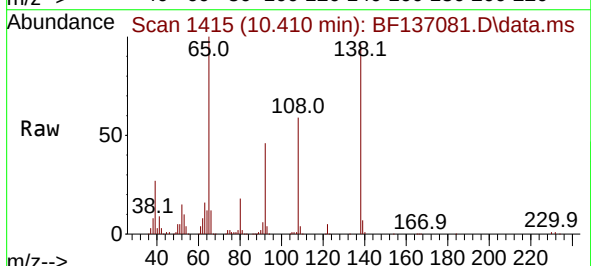
Tgt Ion:204 Resp: 185697
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 58.3 48.4 72.6

Manual Integrations
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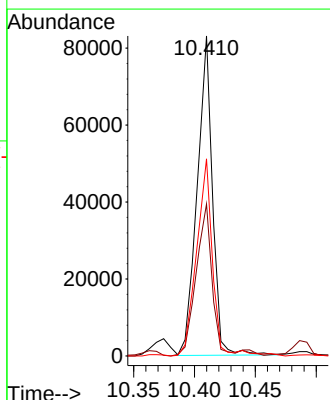
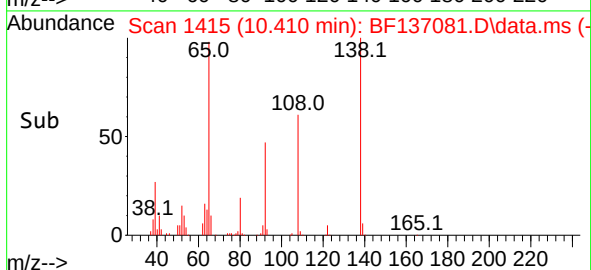
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

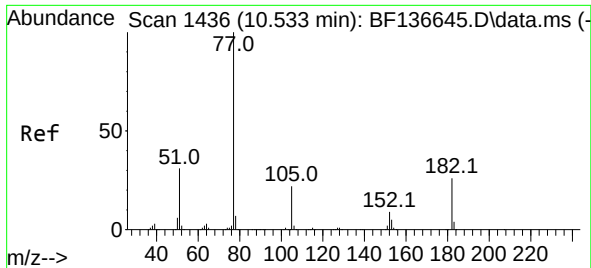


#62
4-Nitroaniline
Concen: 32.398 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



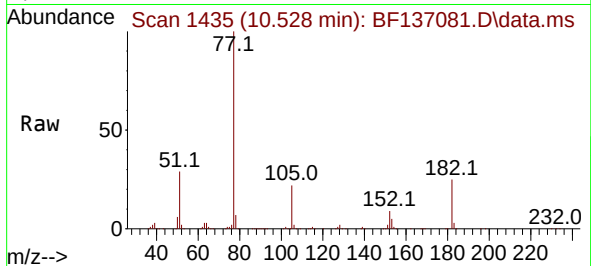
Tgt Ion:138 Resp: 72988
Ion Ratio Lower Upper
138 100
92 47.5 32.1 72.1
108 61.6 50.1 90.1





#63
Azobenzene
Concen: 37.884 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

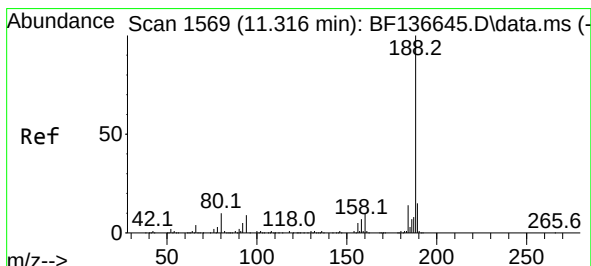
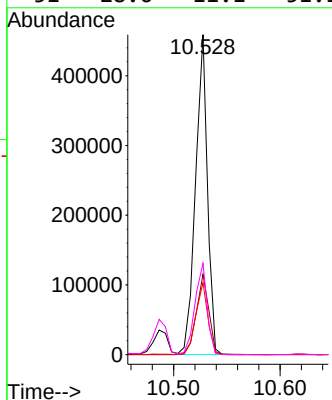
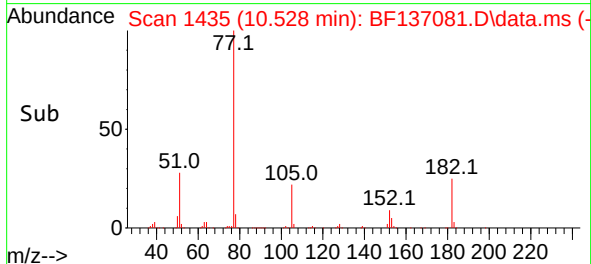
Instrument :
BNA_F
ClientSampleId :
IDOC-02



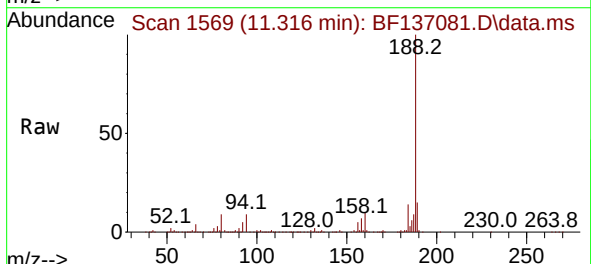
Tgt Ion: 77 Resp: 35686
Ion Ratio Lower Upper
77 100
182 25.2 6.0 46.0
105 22.5 2.3 42.3
51 28.6 11.1 51.1

Manual Integrations
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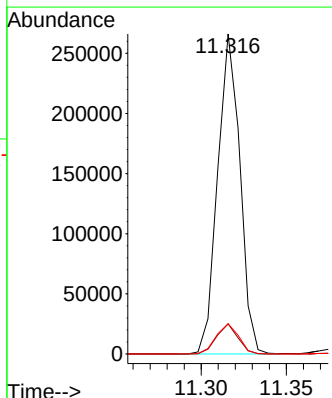
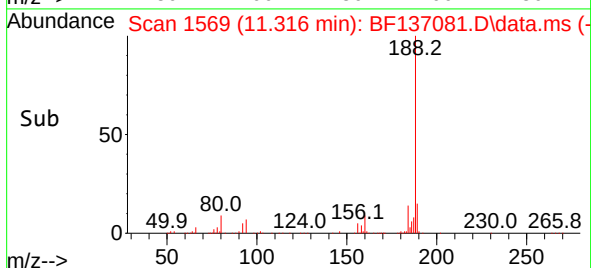
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

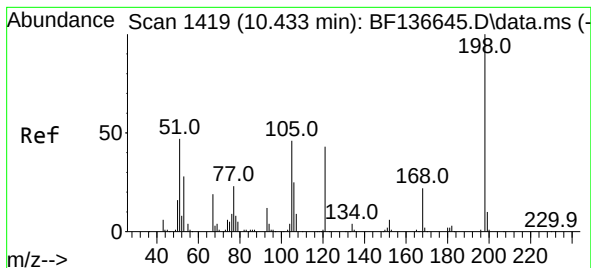


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



Tgt Ion:188 Resp: 242244
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.4 8.1 12.1





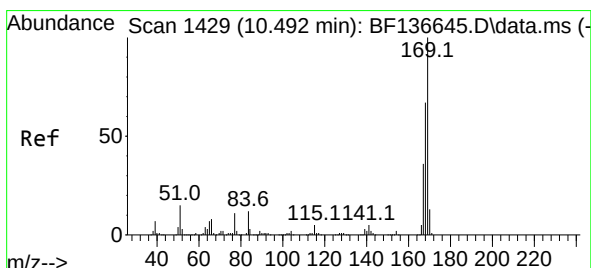
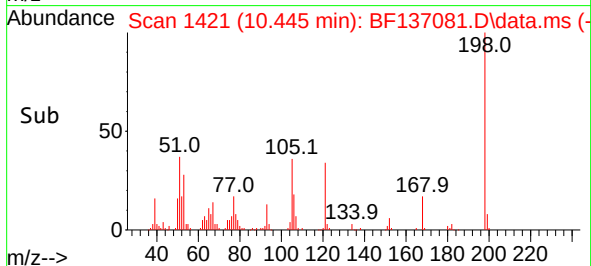
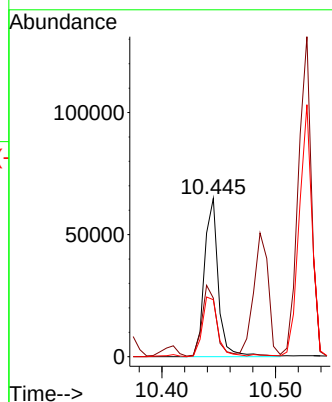
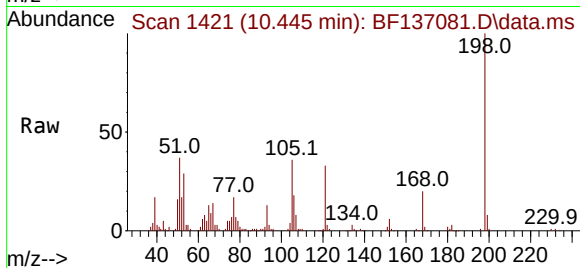
#65
4,6-Dinitro-2-methylphenol
Concen: 39.556 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tgt Ion:198 Resp: 5491
Ion Ratio Lower Upper
198 100
51 37.0 34.1 74.1
105 36.1 27.3 67.3

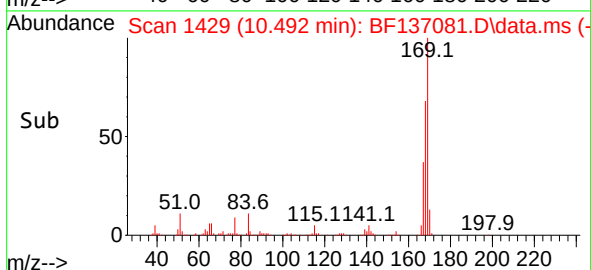
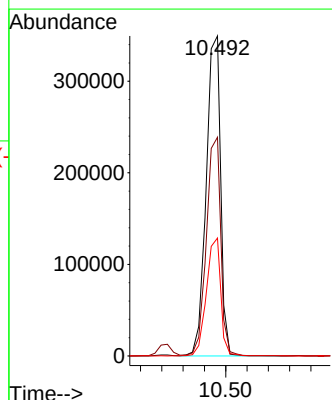
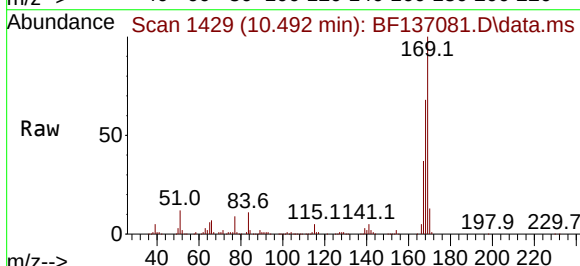
Manual Integrations
APPROVED

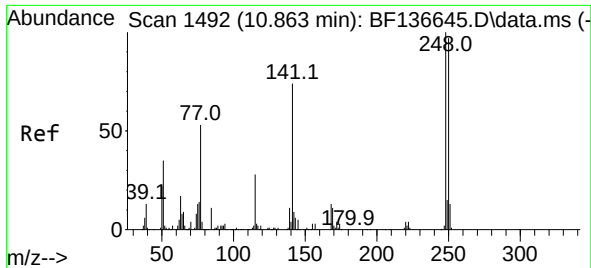
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#66
n-Nitrosodiphenylamine
Concen: 41.879 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

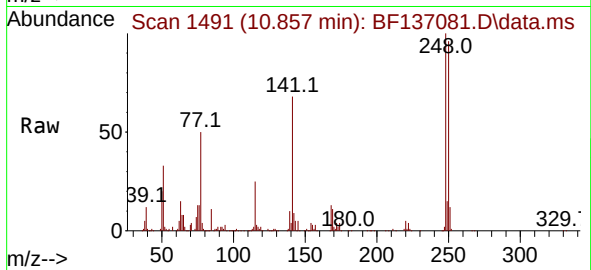
Tgt Ion:169 Resp: 329552
Ion Ratio Lower Upper
169 100
168 68.4 53.8 80.6
167 36.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.758 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

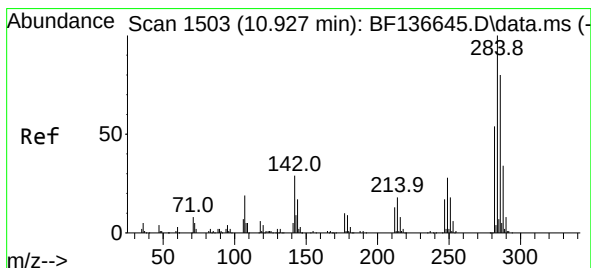
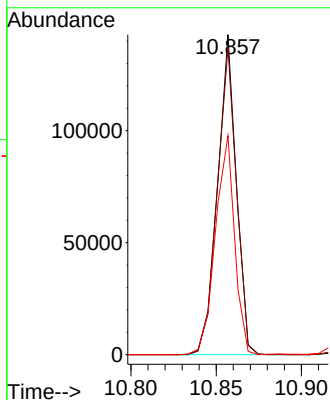
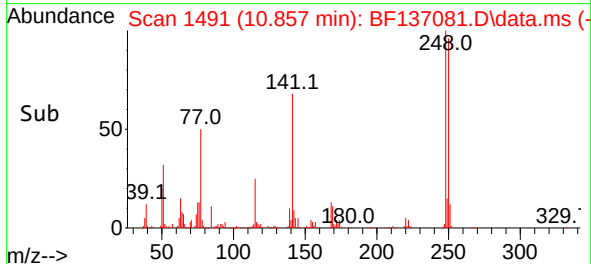
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:248 Resp: 109652
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 68.4 59.2 88.8

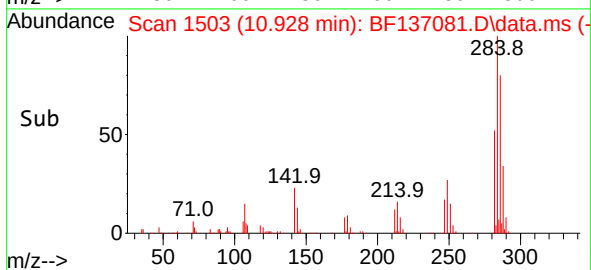
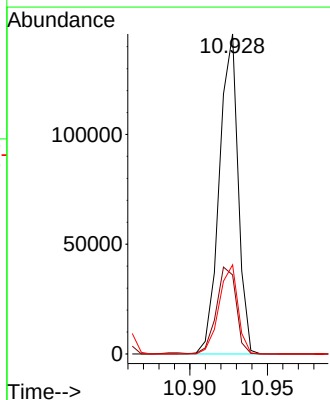
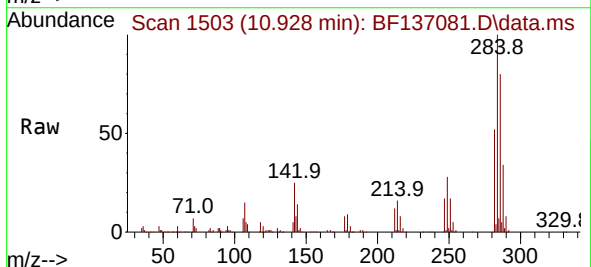
Manual Integrations
APPROVED

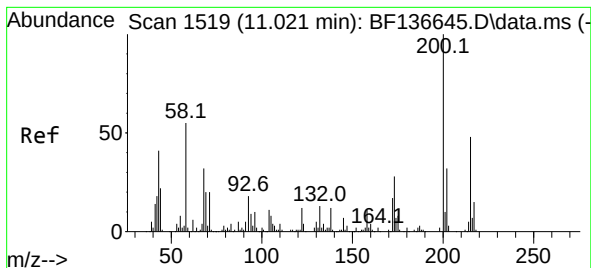
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#68
Hexachlorobenzene
Concen: 40.870 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion:284 Resp: 122532
Ion Ratio Lower Upper
284 100
142 24.7 23.4 35.0
249 27.9 22.3 33.5





#69

Atrazine

Concen: 66.948 ng

RT: 11.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

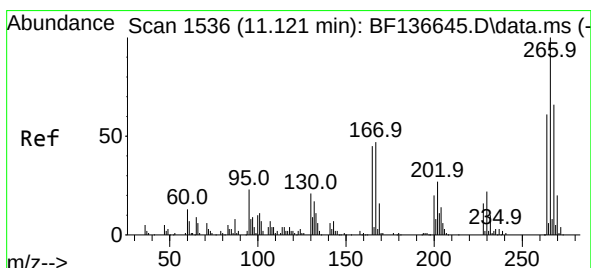
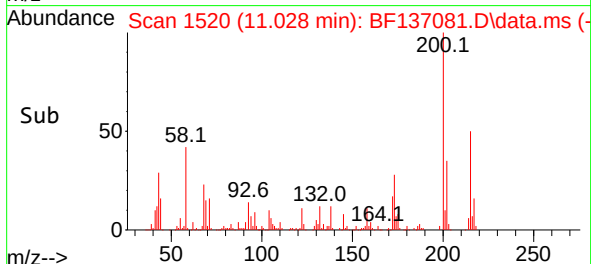
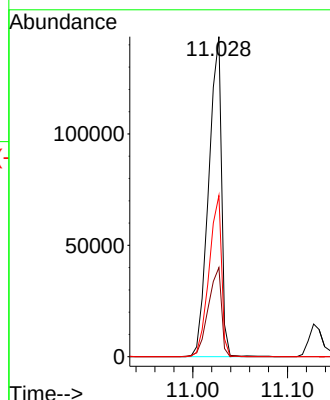
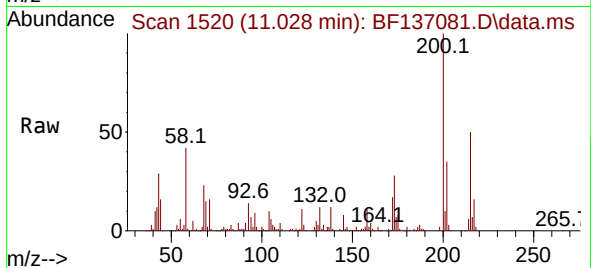
Tgt Ion:200 Resp: 13474
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.6 47.6
 215 50.3 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#70

Pentachlorophenol

Concen: 65.630 ng

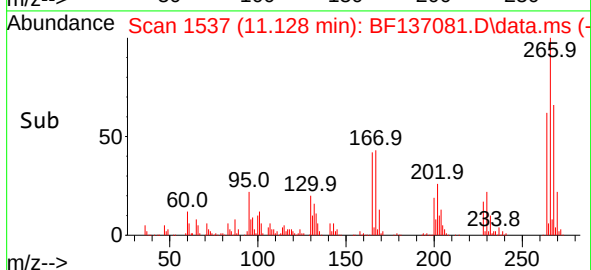
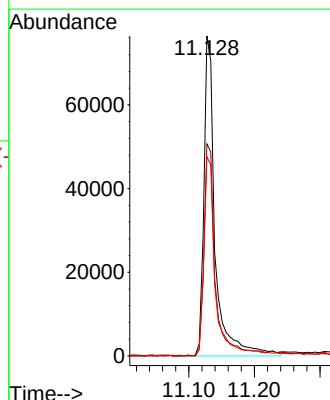
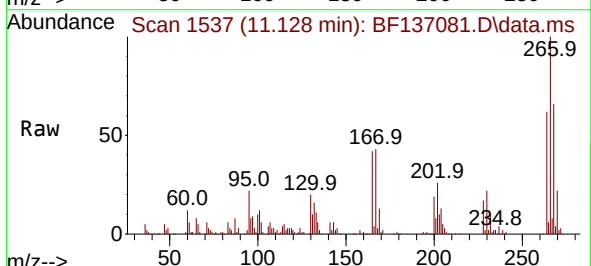
RT: 11.128 min Scan# 1537

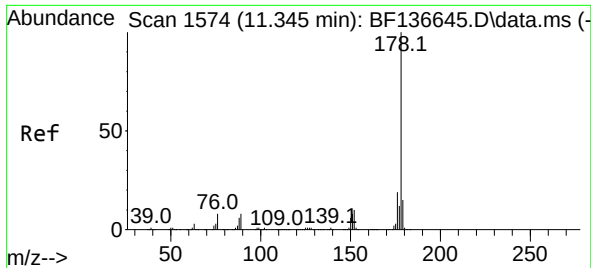
Delta R.T. 0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Tgt Ion:266 Resp: 91714
 Ion Ratio Lower Upper
 266 100
 268 66.2 52.6 78.8
 264 62.2 49.0 73.4





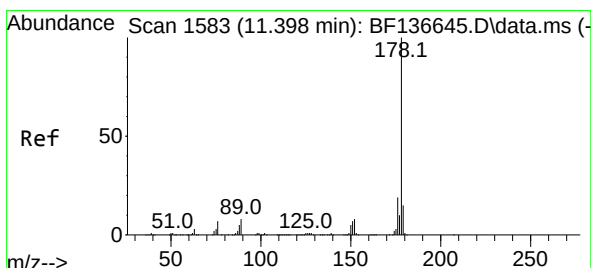
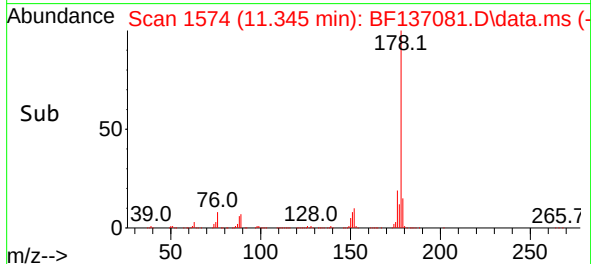
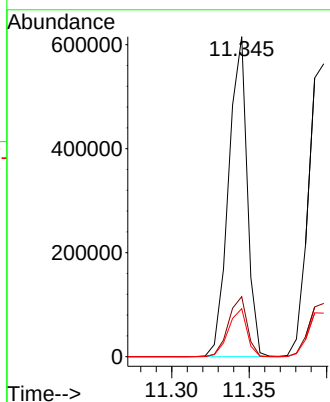
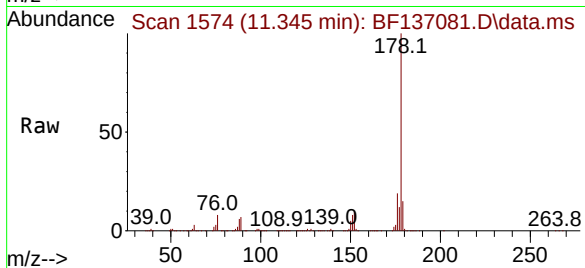
#71
Phenanthrene
Concen: 41.323 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tgt Ion:178 Resp: 513629
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.0 11.9 17.9

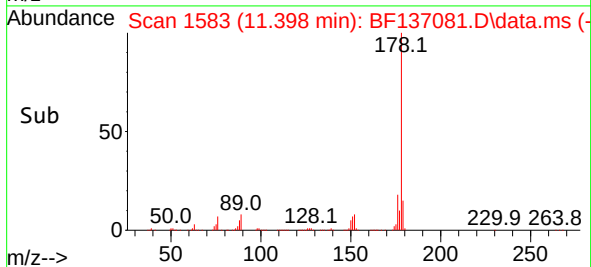
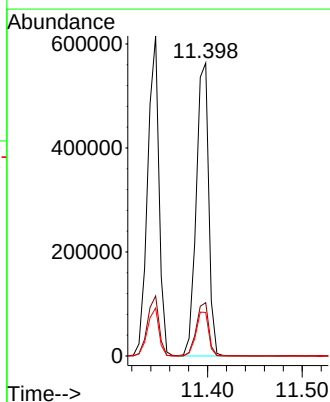
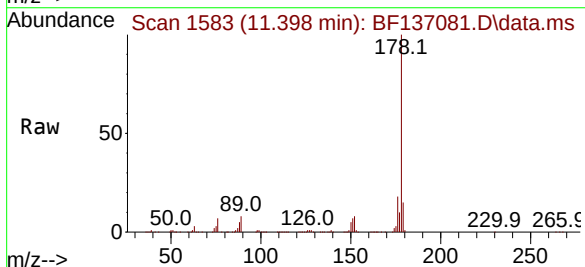
Manual Integrations
APPROVED

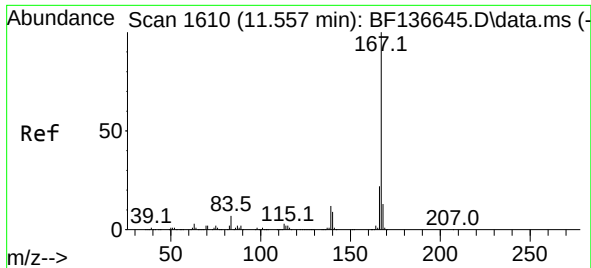
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#72
Anthracene
Concen: 41.148 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

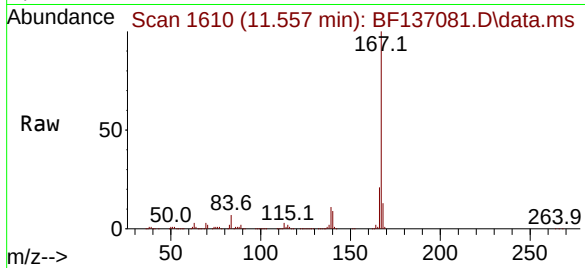
Tgt Ion:178 Resp: 517970
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.9 11.8 17.6





#73
 Carbazole
 Concen: 38.156 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137081.D
 Acq: 16 Jan 2024 16:07

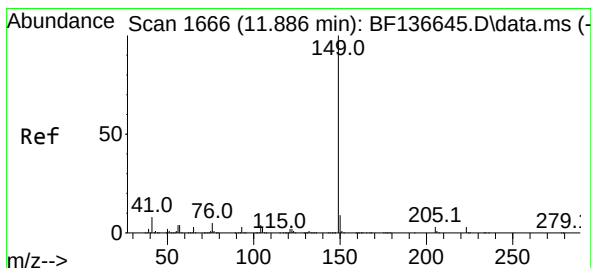
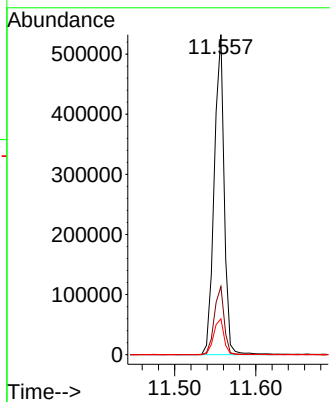
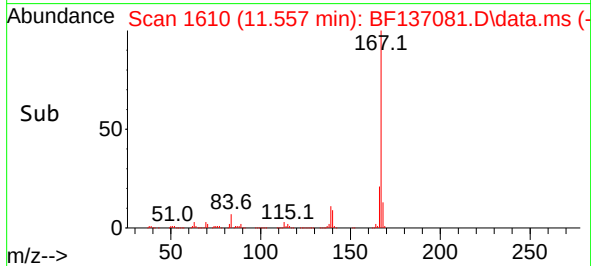
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02



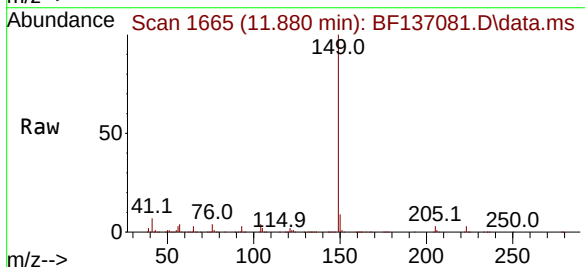
Tgt Ion:167 Resp: 452830
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 11.2 9.8 14.6

Manual Integrations
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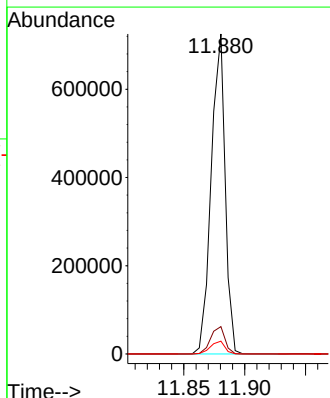
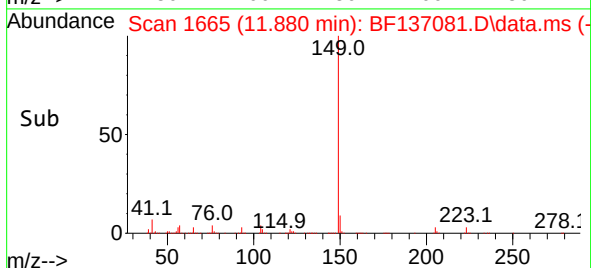
Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

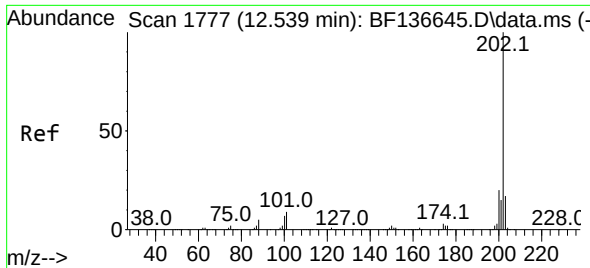


#74
 Di-n-butylphthalate
 Concen: 39.736 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137081.D
 Acq: 16 Jan 2024 16:07



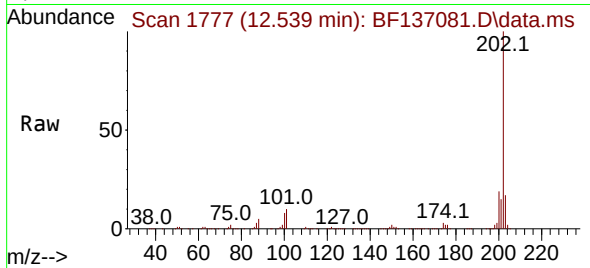
Tgt Ion:149 Resp: 575465
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.4 11.2
 104 4.0 3.6 5.4





#75
Fluoranthene
Concen: 36.458 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

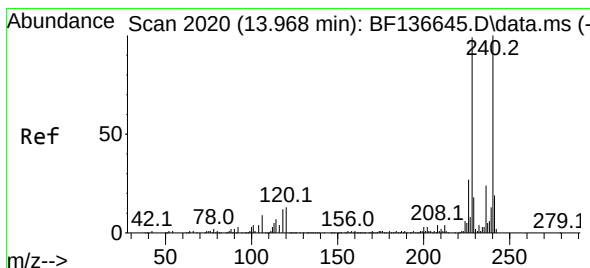
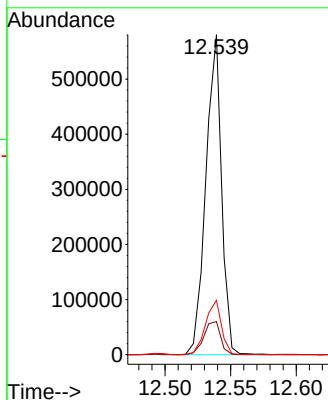
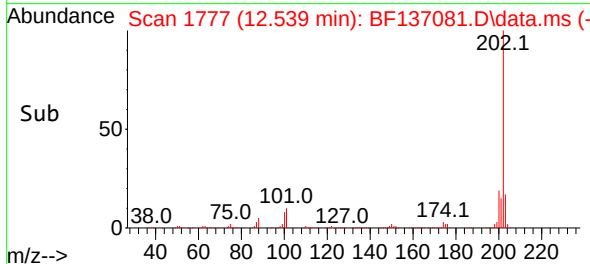
Instrument :
BNA_F
ClientSampleId :
IDOC-02



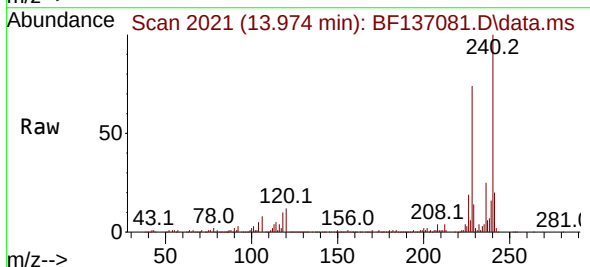
Tgt Ion:202 Resp: 48472
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
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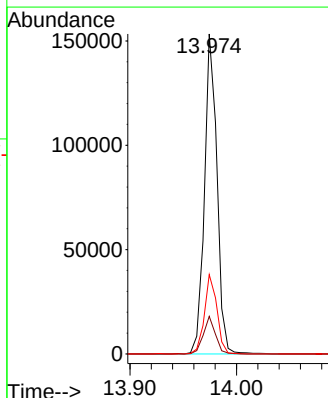
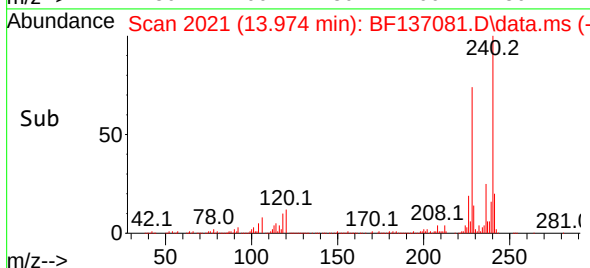
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

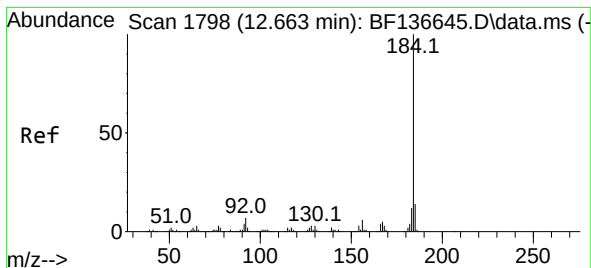


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



Tgt Ion:240 Resp: 125370
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 24.8 19.4 29.2





#77

Benzidine

Concen: 18.433 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

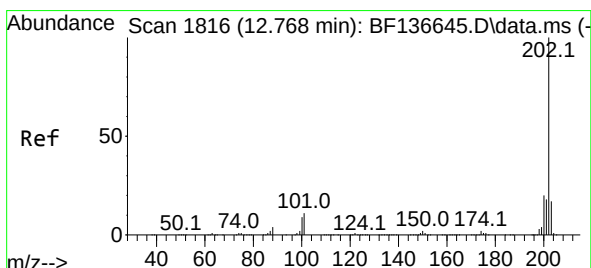
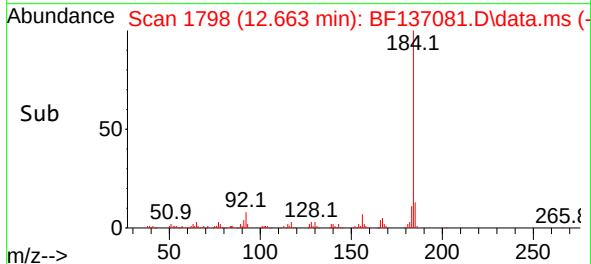
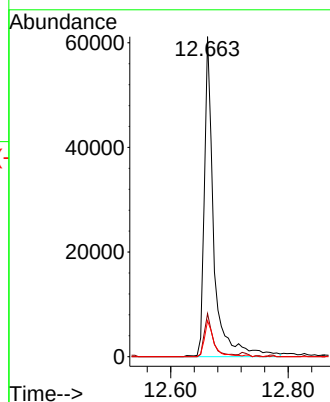
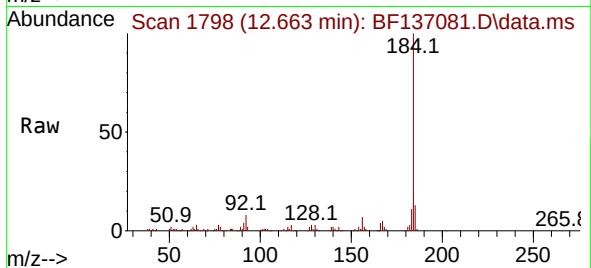
Tgt Ion:	184	Resp:	68139
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.2	16.8
183	11.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#78

Pyrene

Concen: 39.003 ng

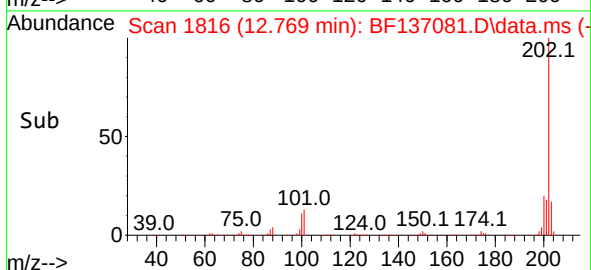
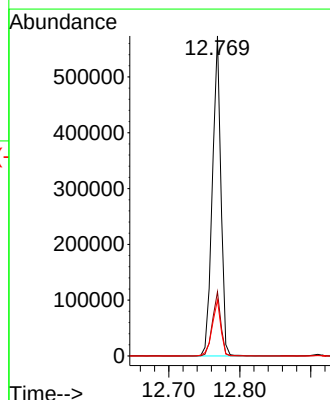
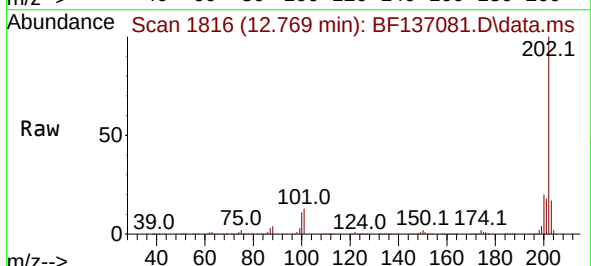
RT: 12.769 min Scan# 1816

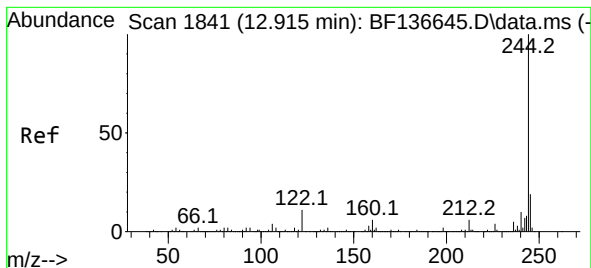
Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Tgt Ion:	202	Resp:	480017
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.9	23.9
203	17.5	13.8	20.6





#79

Terphenyl-d14

Concen: 78.265 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:244 Resp: 70213

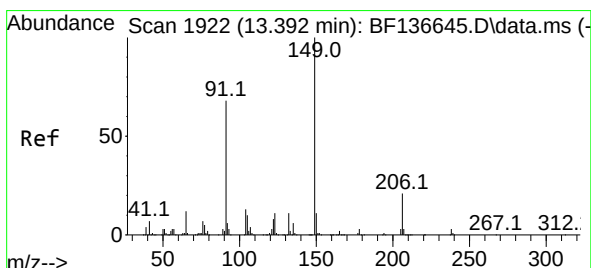
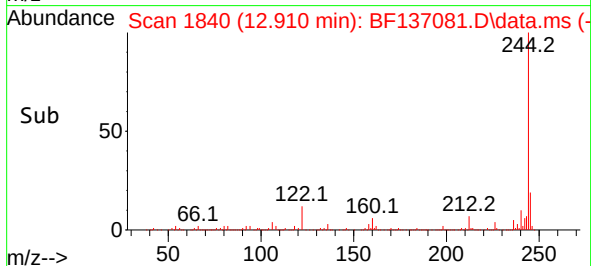
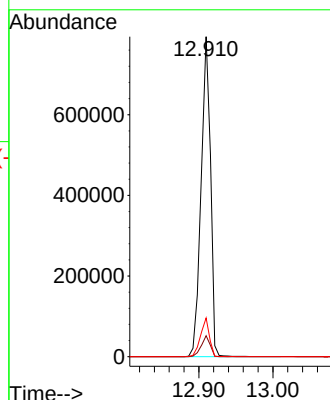
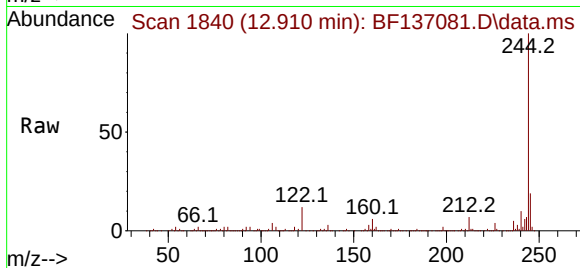
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	12.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#80

Butylbenzylphthalate

Concen: 41.848 ng

RT: 13.386 min Scan# 1921

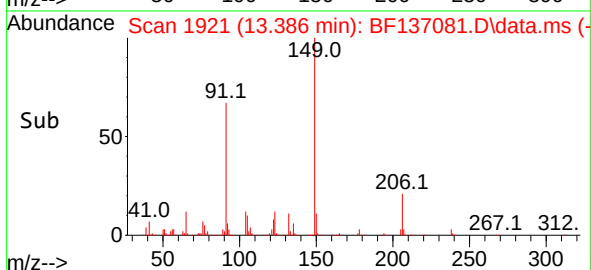
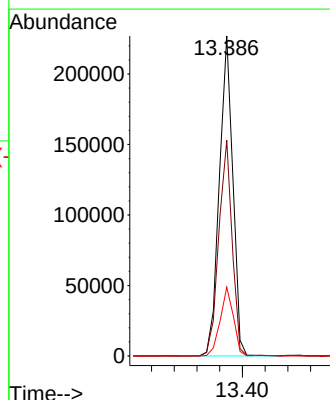
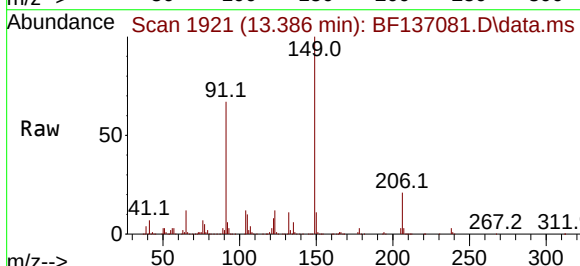
Delta R.T. -0.006 min

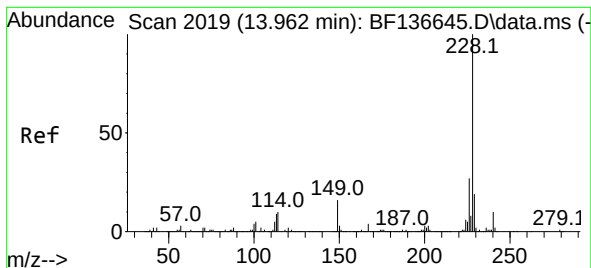
Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Tgt Ion:149 Resp: 187405

Ion	Ratio	Lower	Upper
149	100		
91	67.4	54.1	81.1
206	21.5	17.1	25.7





#81

Benzo(a)anthracene

Concen: 42.854 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137081.D

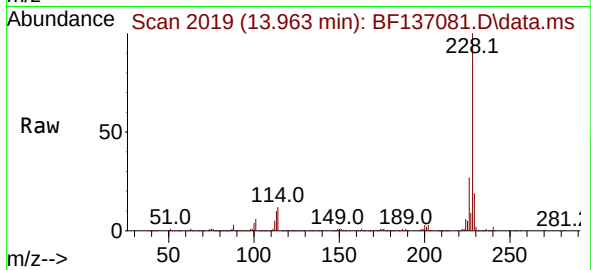
Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02



Tgt Ion:228 Resp: 373072

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

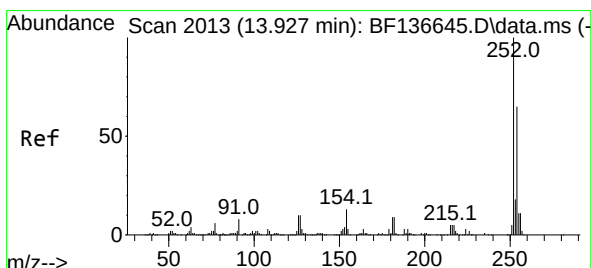
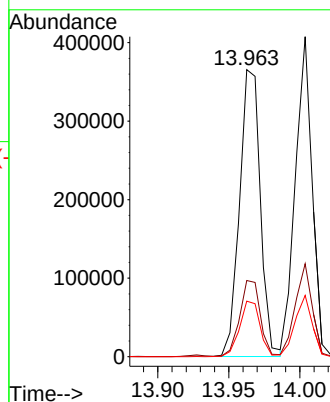
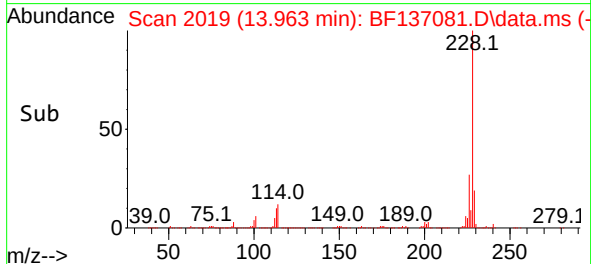
229 19.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.820 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

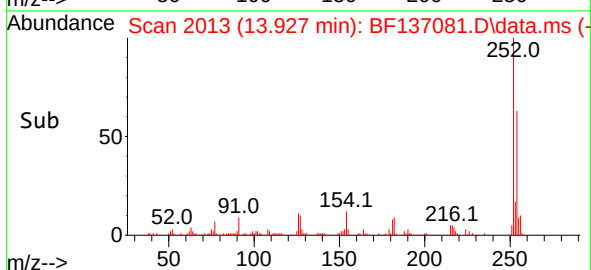
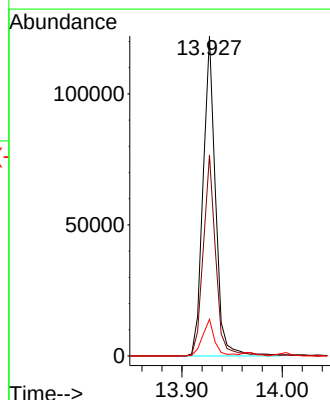
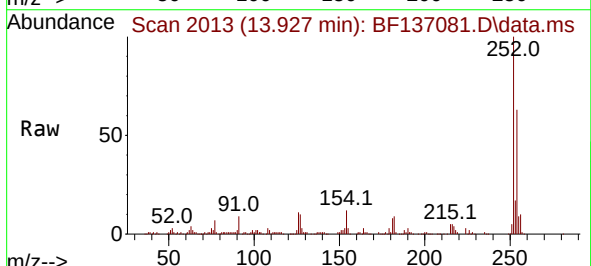
Tgt Ion:252 Resp: 105864

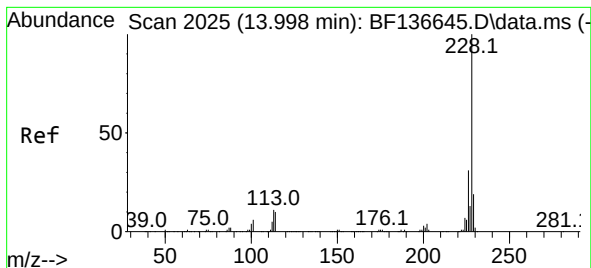
Ion Ratio Lower Upper

252 100

254 62.8 52.2 78.4

126 11.4 8.0 12.0





#83

Chrysene

Concen: 39.640 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

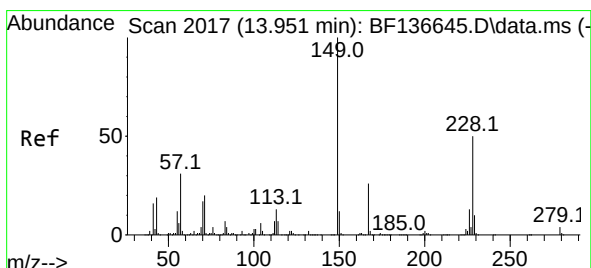
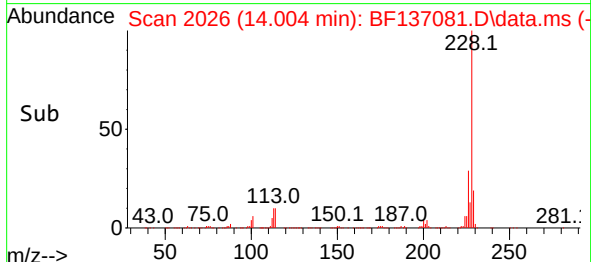
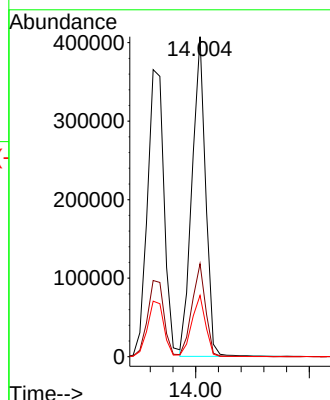
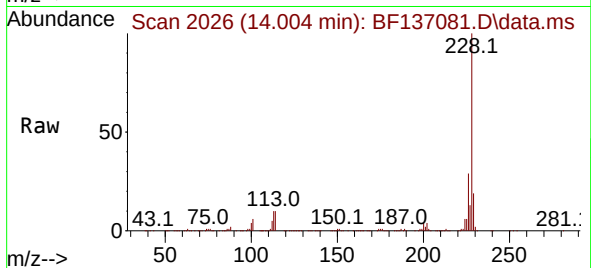
Tgt Ion:228 Resp: 337458
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.7 37.1
 229 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.783 ng

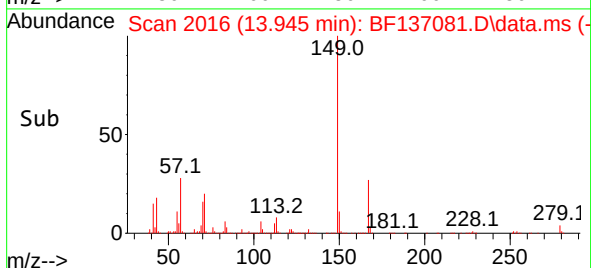
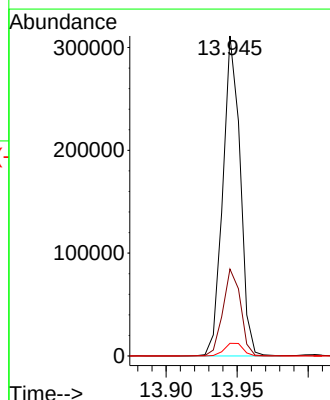
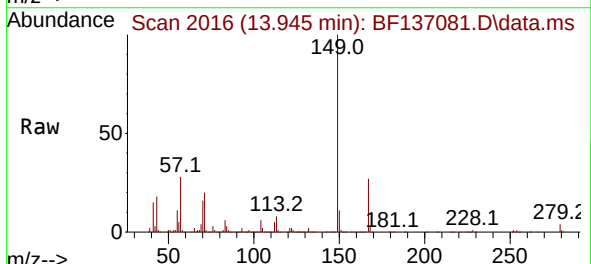
RT: 13.945 min Scan# 2016

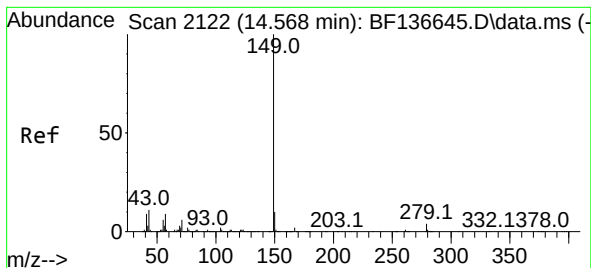
Delta R.T. -0.006 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

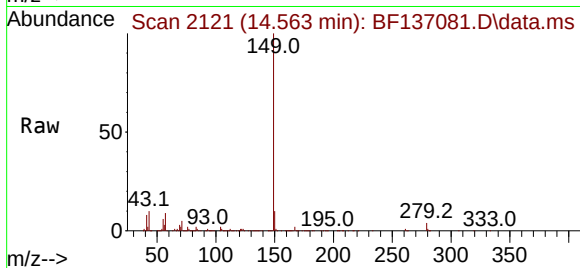
Tgt Ion:149 Resp: 263597
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.9 31.3
 279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 48.694 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

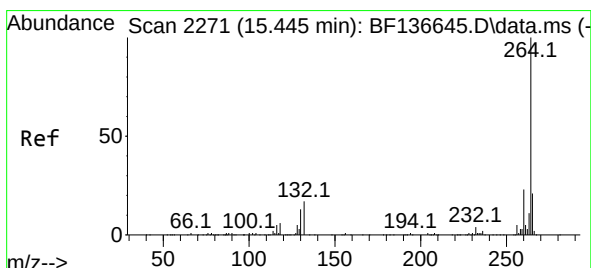
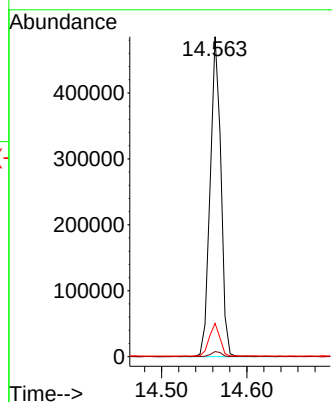
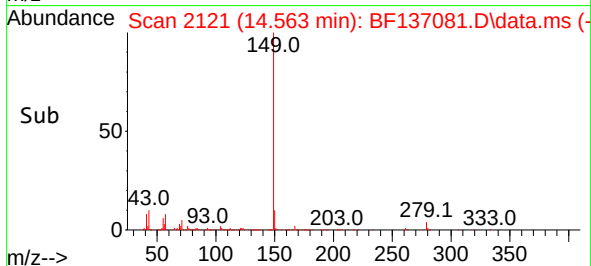
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:149 Resp: 424402
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.9 13.3

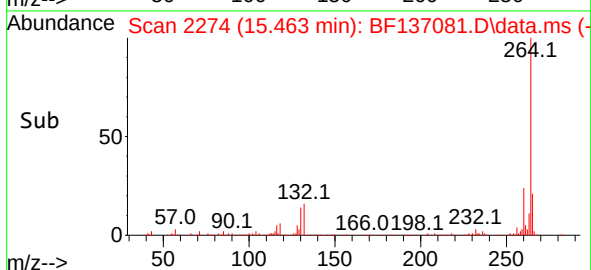
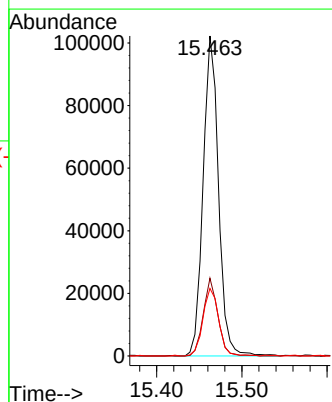
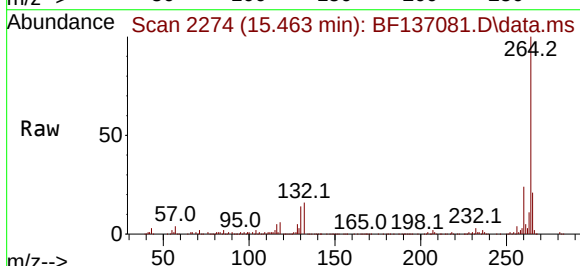
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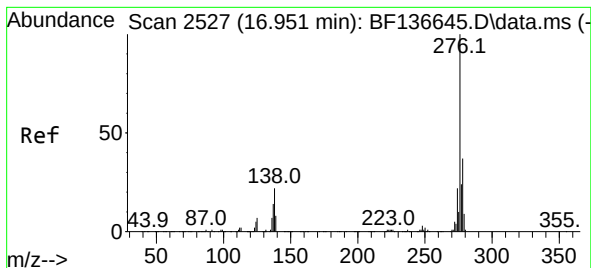
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion:264 Resp: 128284
Ion Ratio Lower Upper
264 100
260 24.3 18.3 27.5
265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.663 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tgt Ion:276 Resp: 45073

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

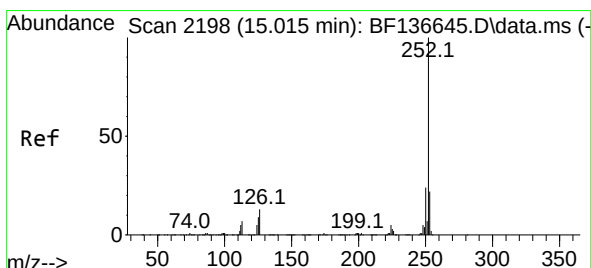
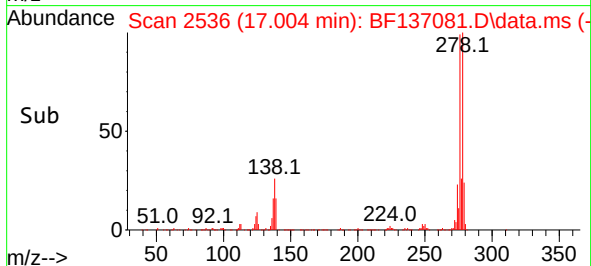
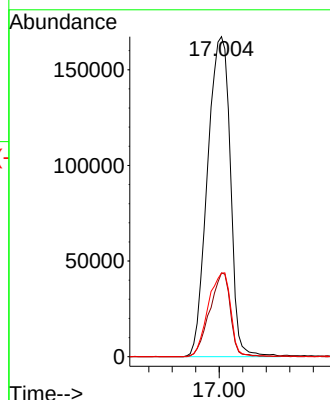
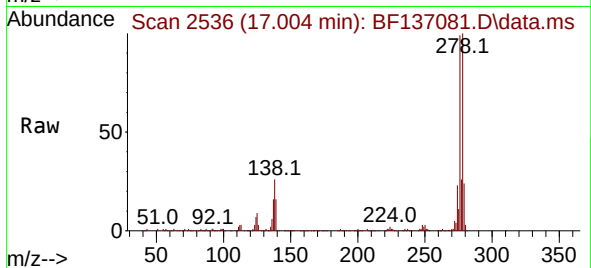
277 25.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#88

Benzo(b)fluoranthene

Concen: 42.856 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137081.D

Acq: 16 Jan 2024 16:07

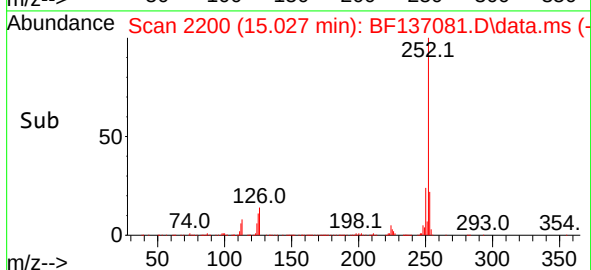
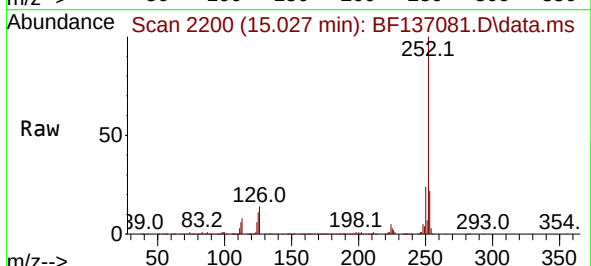
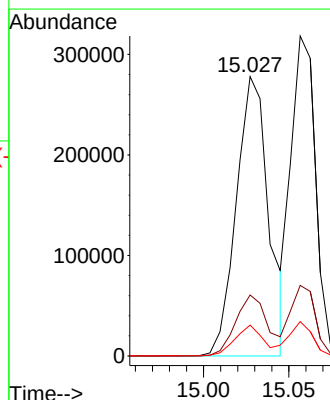
Tgt Ion:252 Resp: 367196

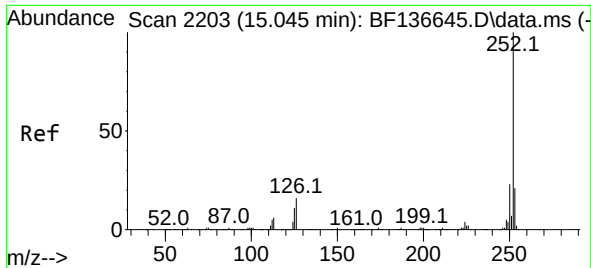
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

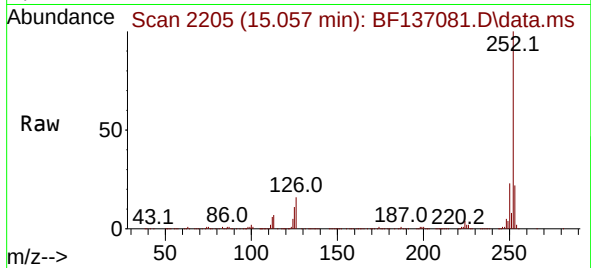
125 11.1 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 39.694 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.012 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

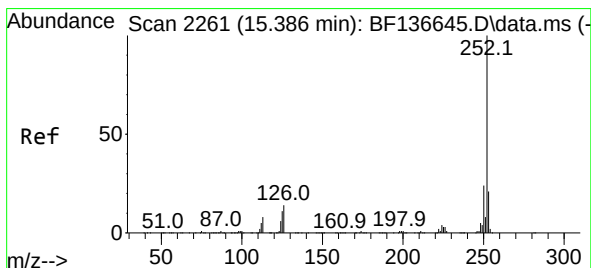
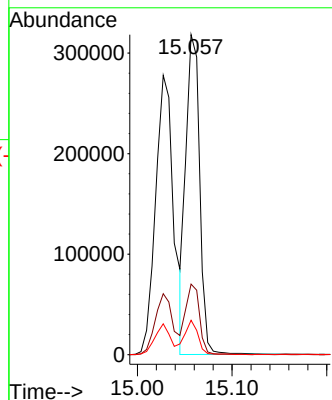
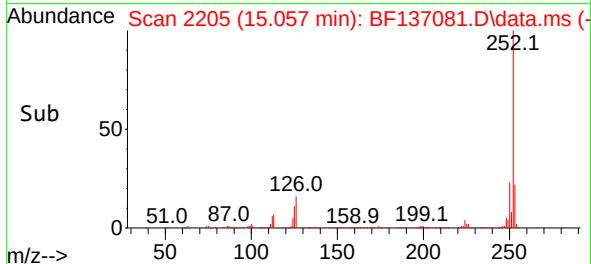
Instrument :
BNA_F
ClientSampleId :
IDOC-02



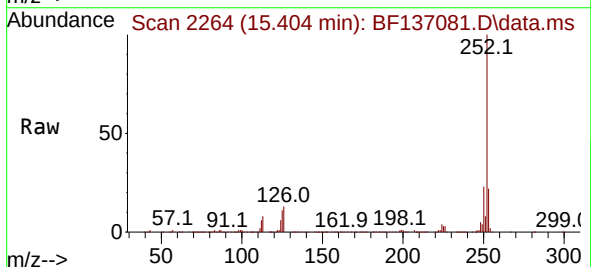
Tgt Ion:252 Resp: 321368
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 8.2 12.4

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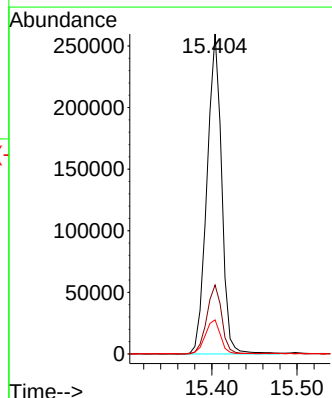
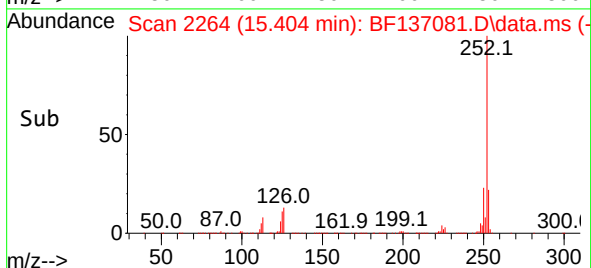
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

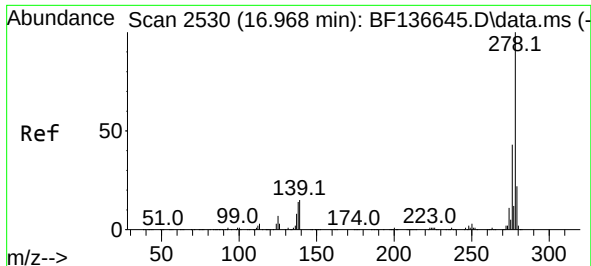


#90
Benzo(a)pyrene
Concen: 42.995 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07



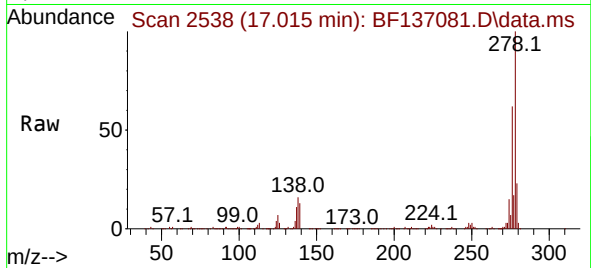
Tgt Ion:252 Resp: 310962
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.220 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

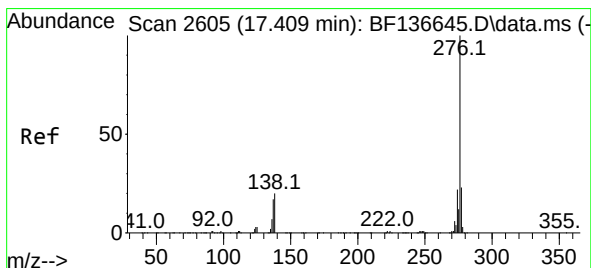
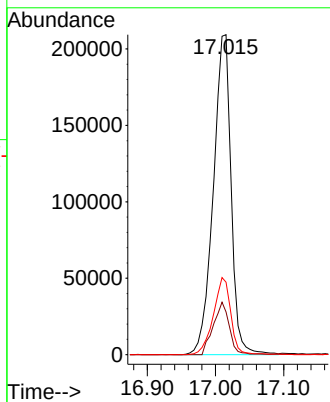
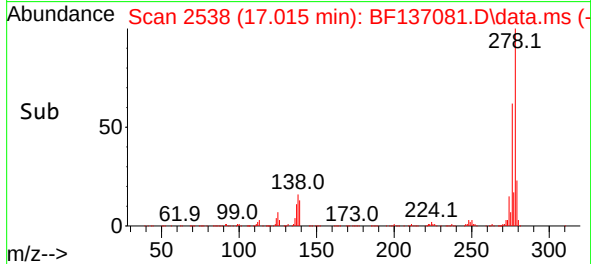
Instrument :
BNA_F
ClientSampleId :
IDOC-02



Tgt Ion:278 Resp: 381608
Ion Ratio Lower Upper
278 100
139 13.4 12.2 18.4
279 22.6 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#92
Benzo(g,h,i)perylene
Concen: 49.314 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.053 min
Lab File: BF137081.D
Acq: 16 Jan 2024 16:07

Tgt Ion:276 Resp: 383796
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 20.0 15.6 23.4

