

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136947.D
 Acq On : 04 Jan 2024 18:41
 Operator : CG\JU
 Sample : 06017-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 00:41:13 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	52056	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	184040	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	100792	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	186675	20.000	ng	0.00
76) Chrysene-d12	13.968	240	115127	20.000	ng	0.00
86) Perylene-d12	15.451	264	127289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	294256	88.198	ng	0.00
7) Phenol-d6	6.440	99	365049	84.442	ng	0.00
23) Nitrobenzene-d5	7.357	82	205567	57.156	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	101645	85.628	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	434967	58.043	ng	-0.01
79) Terphenyl-d14	12.904	244	445560	54.084	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	50019	35.982	ng	97
3) Pyridine	3.322	79	111185	32.781	ng	95
4) n-Nitrosodimethylamine	3.275	42	68253	37.683	ng	93
6) Aniline	6.463	93	50161	11.605	ng	# 33
8) 2-Chlorophenol	6.581	128	141765	38.829	ng	96
9) Benzaldehyde	6.345	77	46573	18.940	ng	# 1
10) Phenol	6.451	94	167365	36.266	ng	87
11) bis(2-Chloroethyl)ether	6.522	93	138474	39.456	ng	96
12) 1,3-Dichlorobenzene	6.728	146	142400	35.753	ng	97
13) 1,4-Dichlorobenzene	6.804	146	147436	36.228	ng	99
14) 1,2-Dichlorobenzene	6.957	146	134620	35.549	ng	100
15) Benzyl Alcohol	6.939	79	104455	35.815	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	201165	35.059	ng	# 34
17) 2-Methylphenol	7.057	107	105560	34.900	ng	# 85
18) Hexachloroethane	7.292	117	59126m	40.005	ng	
19) n-Nitroso-di-n-propyla...	7.204	70	123796	47.239	ng	96
20) 3+4-Methylphenols	7.210	107	140501	37.182	ng	# 54
22) Acetophenone	7.198	105	168371	36.500	ng	# 85
24) Nitrobenzene	7.375	77	173628	48.192	ng	96
25) Isophorone	7.610	82	259471	39.648	ng	# 97
26) 2-Nitrophenol	7.687	139	73715	42.765	ng	96
27) 2,4-Dimethylphenol	7.728	122	64046	30.519	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	161304	40.549	ng	98
29) 2,4-Dichlorophenol	7.939	162	119148	44.101	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	120174	39.922	ng	98
31) Naphthalene	8.092	128	1118101	110.586	ng	98
32) Benzoic acid	7.863	122	81044	39.913	ng	93
33) 4-Chloroaniline	8.151	127	26048	6.978	ng	# 34
34) Hexachlorobutadiene	8.198	225	70351	38.466	ng	98
35) Caprolactam	8.504	113	43655	48.980	ng	# 89
36) 4-Chloro-3-methylphenol	8.634	107	122664	40.330	ng	94
37) 2-Methylnaphthalene	8.786	142	1198866	184.245	ng	100
38) 1-Methylnaphthalene	8.881	142	698594	109.432	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	129456	41.473	ng	99
41) Hexachlorocyclopentadiene	8.922	237	46602	48.855	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	80009	39.967	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	86816	38.917	ng	96
46) 1,1'-Biphenyl	9.239	154	353574	41.804	ng	99
47) 2-Chloronaphthalene	9.263	162	246287	38.303	ng	99
48) 2-Nitroaniline	9.369	65	78877	39.174	ng	98
49) Acenaphthylene	9.681	152	412821	42.005	ng	99
50) Dimethylphthalate	9.545	163	281754	38.271	ng	99
51) 2,6-Dinitrotoluene	9.610	165	63969	38.286	ng	92
52) Acenaphthene	9.851	154	284730	46.737	ng	99
53) 3-Nitroaniline	9.781	138	43128	24.367	ng	99
54) 2,4-Dinitrophenol	9.898	184	55648	61.024	ng	94
55) Dibenzofuran	10.028	168	413265	44.750	ng	99
56) 4-Nitrophenol	9.963	139	81647	68.334	ng	94
57) 2,4-Dinitrotoluene	10.022	165	84334	38.880	ng	# 94
58) Fluorene	10.369	166	355654	48.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	67977	39.586	ng	# 98
60) Diethylphthalate	10.245	149	294721	38.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	138560	38.903	ng	94
62) 4-Nitroaniline	10.398	138	51420m	30.136	ng	
63) Azobenzene	10.522	77	263376	36.916	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	40041	37.427	ng	93
66) n-Nitrosodiphenylamine	10.486	169	252433	41.628	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	83410	40.233	ng	97
68) Hexachlorobenzene	10.916	284	91818	39.742	ng	97
69) Atrazine	11.016	200	80023	51.594	ng	96
70) Pentachlorophenol	11.122	266	73896	68.620	ng	98
71) Phenanthrene	11.339	178	780661	81.502	ng	100
72) Anthracene	11.392	178	494404	50.968	ng	100
73) Carbazole	11.551	167	375554	41.064	ng	99
74) Di-n-butylphthalate	11.874	149	478936	42.916	ng	100
75) Fluoranthene	12.533	202	776299	75.769	ng	97
78) Pyrene	12.763	202	712898	63.079	ng	99
80) Butylbenzylphthalate	13.380	149	175039	42.564	ng	95
81) Benzo(a)anthracene	13.963	228	455199	56.941	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	64040	28.208	ng	98
83) Chrysene	13.998	228	408096	52.202	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256619	49.597	ng	100
85) Di-n-octyl phthalate	14.563	149	407521	50.918	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	452875	49.277	ng	97
88) Benzo(b)fluoranthene	15.021	252	439297	51.671	ng	99
89) Benzo(k)fluoranthene	15.051	252	349963	43.564	ng	97
90) Benzo(a)pyrene	15.392	252	379947	52.944	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	329585	43.712	ng	97
92) Benzo(g,h,i)perylene	17.433	276	356161	46.121	ng	97

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

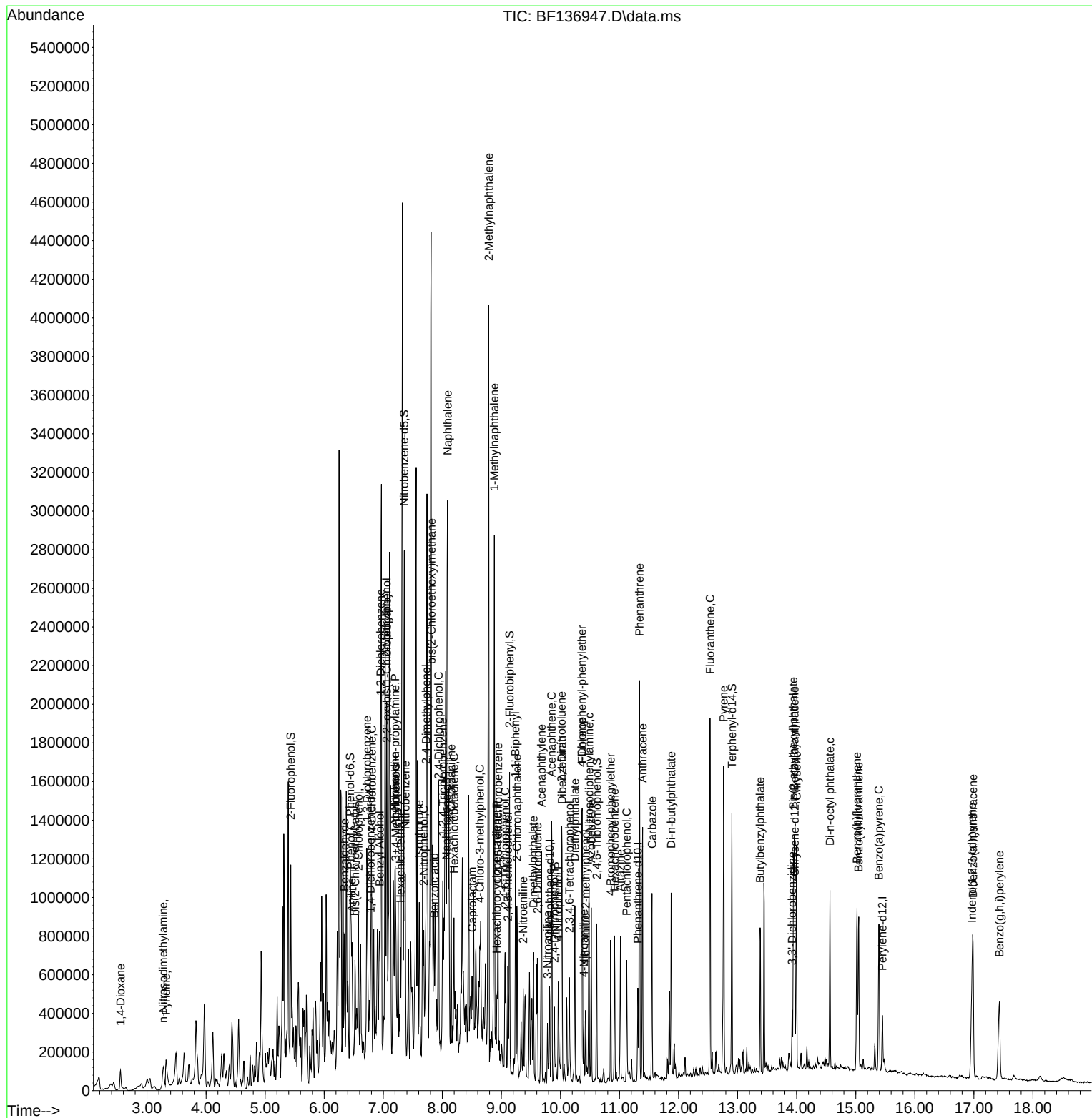
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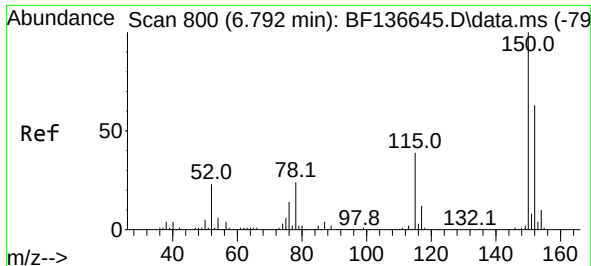
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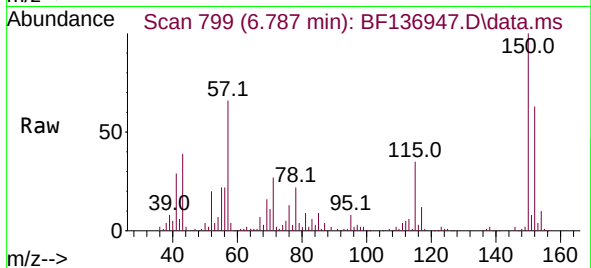
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

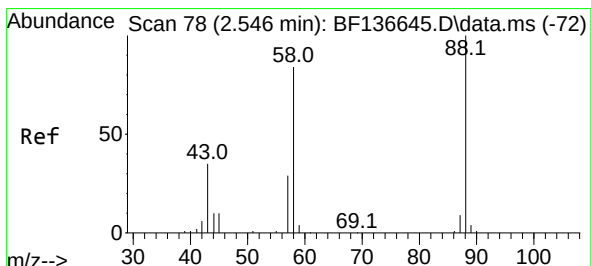
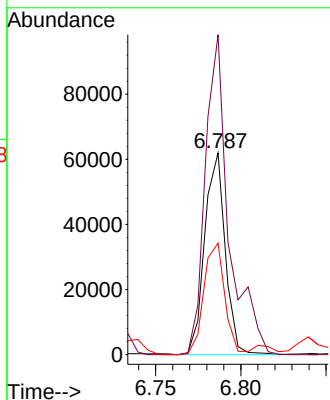
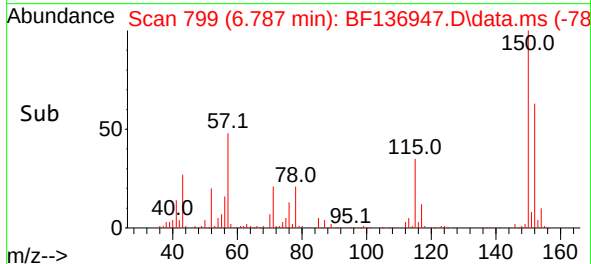
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:152 Resp: 52050
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 55.3 49.0 73.4

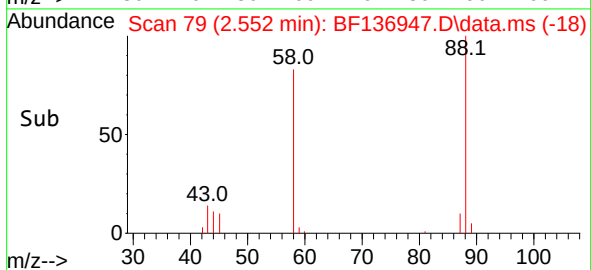
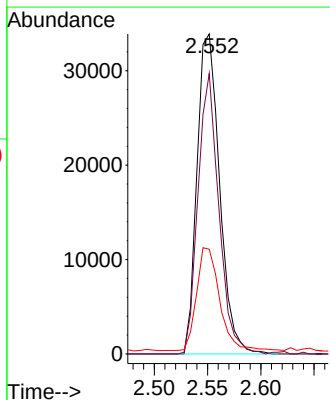
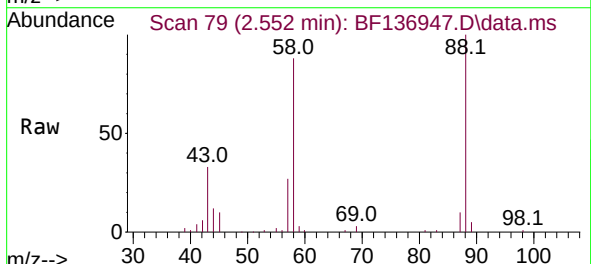
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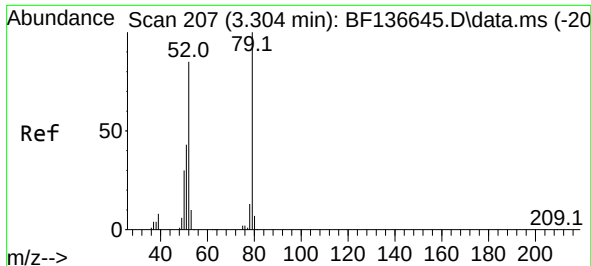
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#2
1,4-Dioxane
Concen: 35.982 ng
RT: 2.552 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

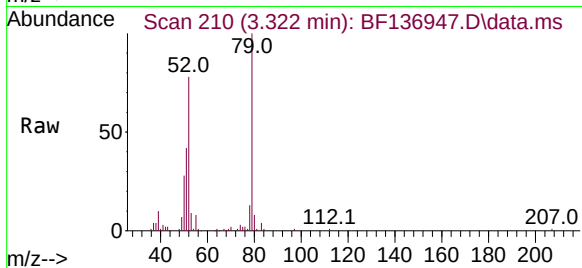
Tgt Ion: 88 Resp: 50019
Ion Ratio Lower Upper
88 100
58 81.1 67.4 101.0
43 32.6 27.7 41.5





#3
Pyridine
Concen: 32.781 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

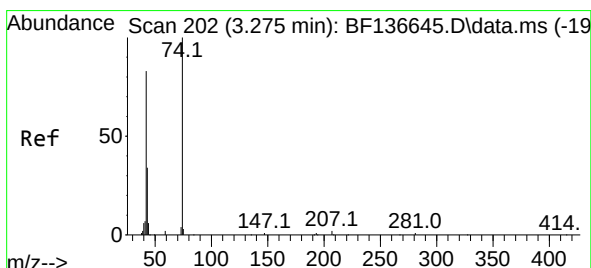
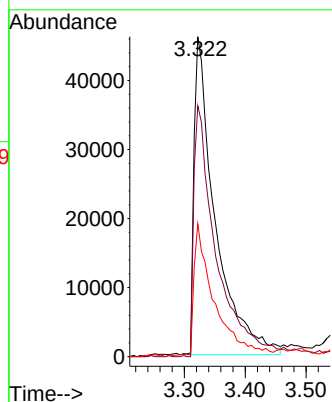
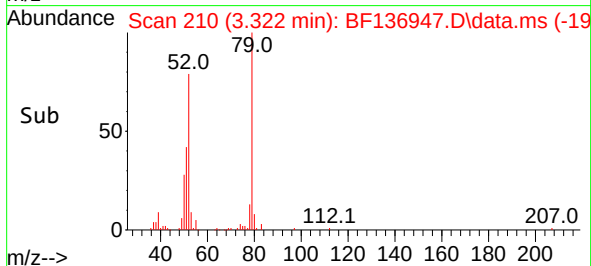
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion: 79 Resp: 11118
Ion Ratio Lower Upper
79 100
52 78.4 67.7 101.5
51 41.6 34.0 51.0

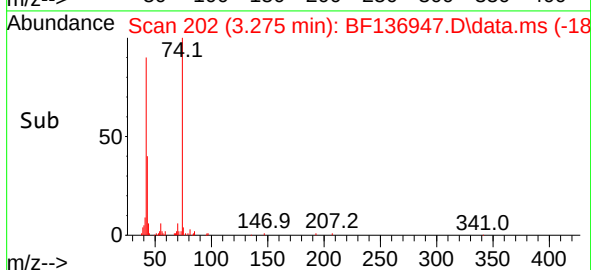
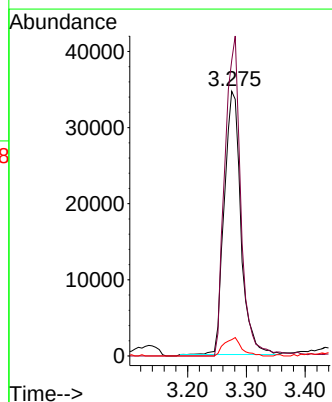
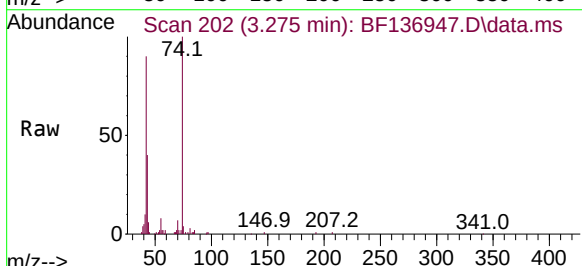
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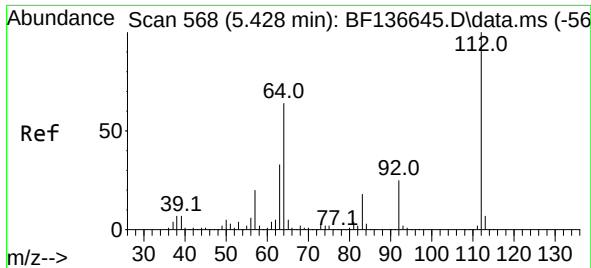
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#4
n-Nitrosodimethylamine
Concen: 37.683 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion: 42 Resp: 68253
Ion Ratio Lower Upper
42 100
74 111.6 96.0 144.0
44 6.2 5.4 8.2





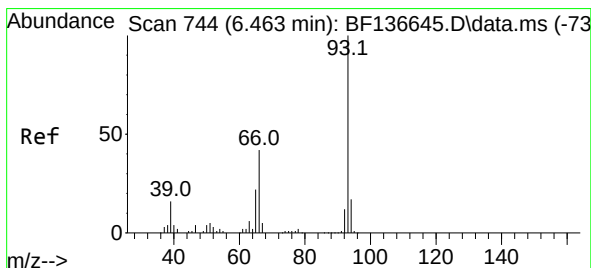
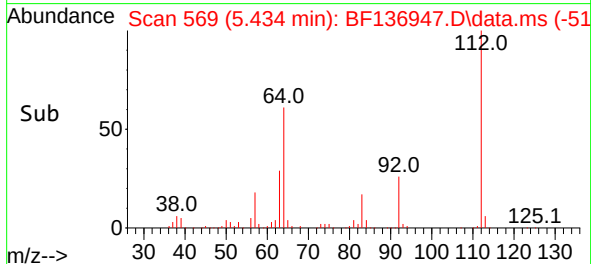
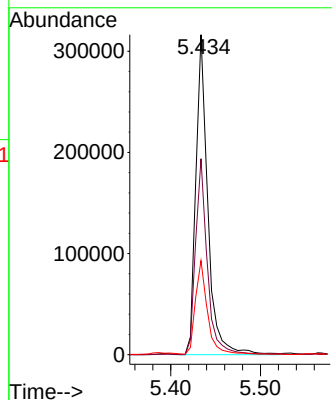
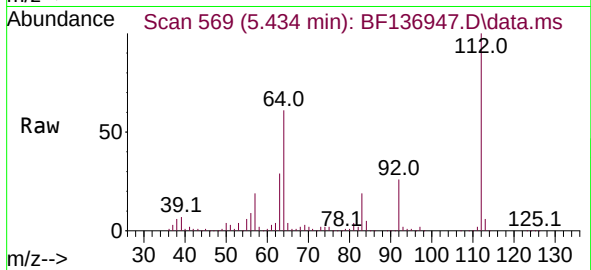
#5
2-Fluorophenol
Concen: 88.198 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

Tgt Ion:112 Resp: 294250
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 29.4 26.1 39.1

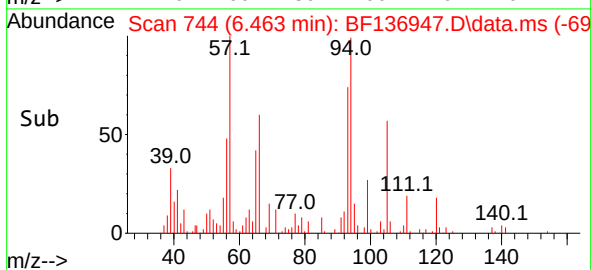
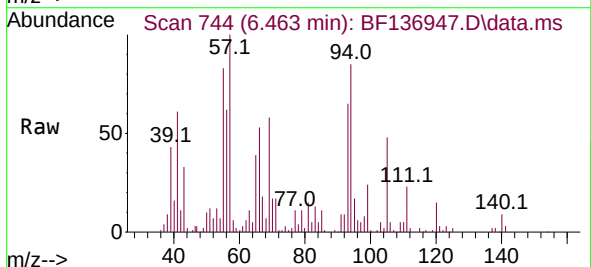
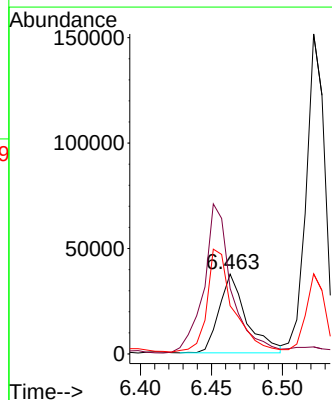
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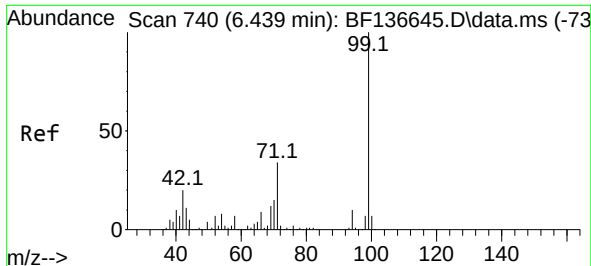
Reviewed By :Yogesh Patel 01/05/2024
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#6
Aniline
Concen: 11.605 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

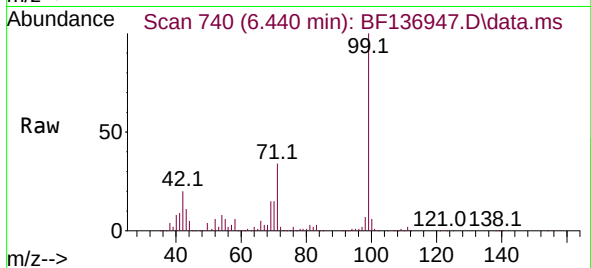
Tgt Ion: 93 Resp: 50161
Ion Ratio Lower Upper
93 100
66 82.2 34.6 51.8#
65 60.4 17.8 26.8#





#7
Phenol-d6
Concen: 84.442 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

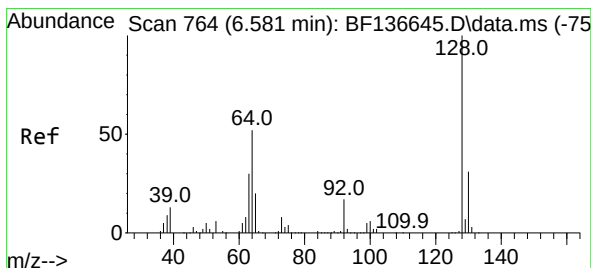
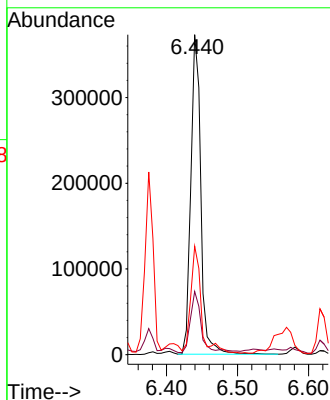
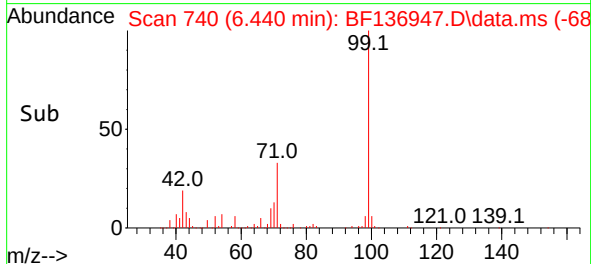
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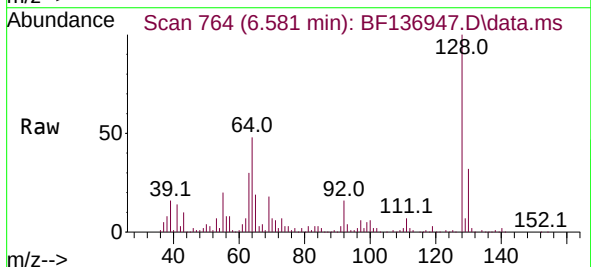
Tgt Ion: 99 Resp: 365049
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.9 27.4 41.2

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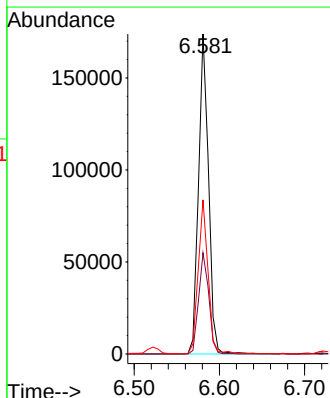
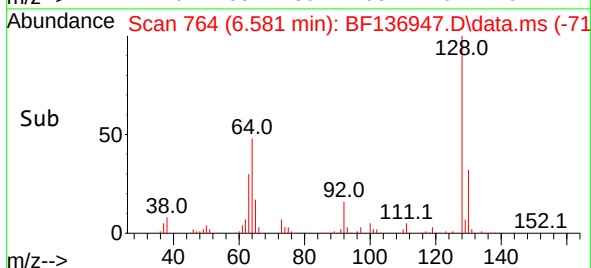
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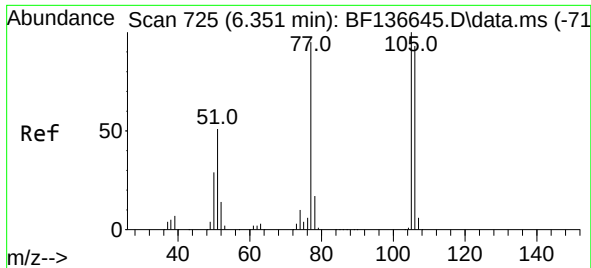


#8
2-Chlorophenol
Concen: 38.829 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



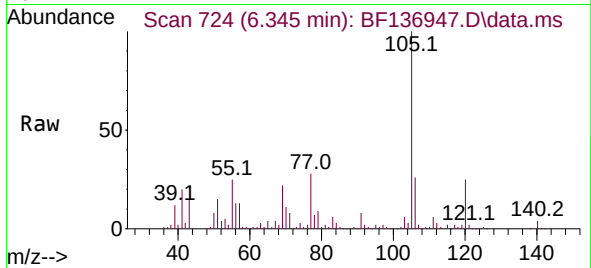
Tgt Ion:128 Resp: 141765
Ion Ratio Lower Upper
128 100
130 31.6 11.3 51.3
64 48.2 32.5 72.5





#9
Benzaldehyde
Concen: 18.940 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136947.D
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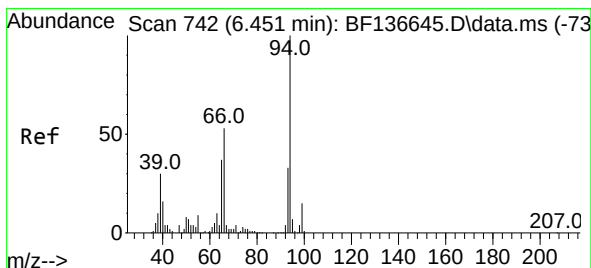
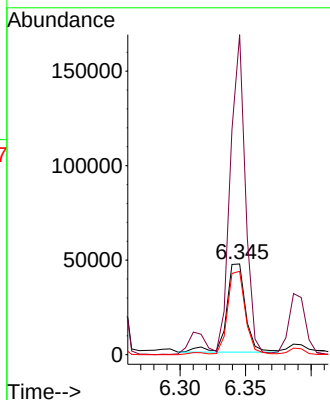
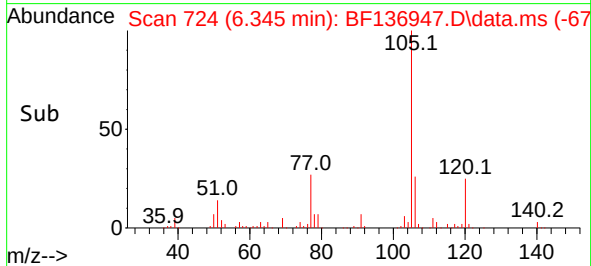
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Tgt Ion: 77 Resp: 4657
Ion Ratio Lower Upper
77 100
105 352.7 84.8 124.8
106 91.8 77.8 117.8

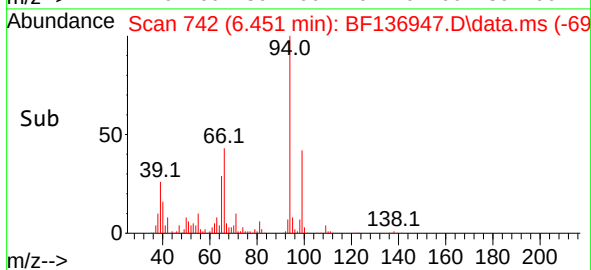
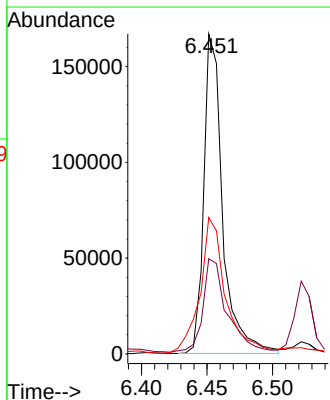
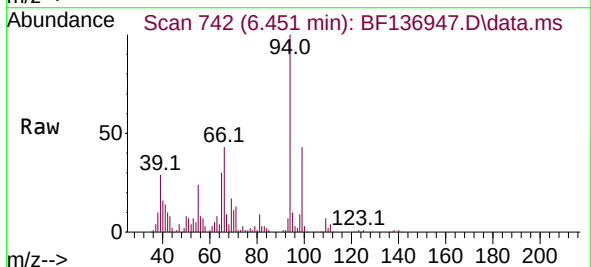
Manual Integrations
APPROVED

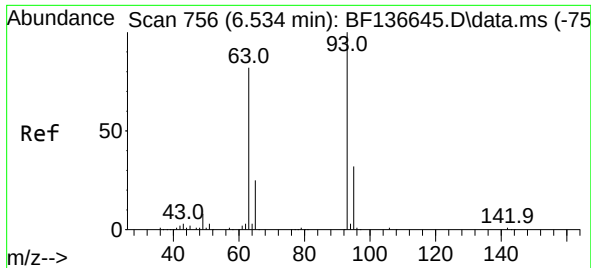
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#10
Phenol
Concen: 36.266 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

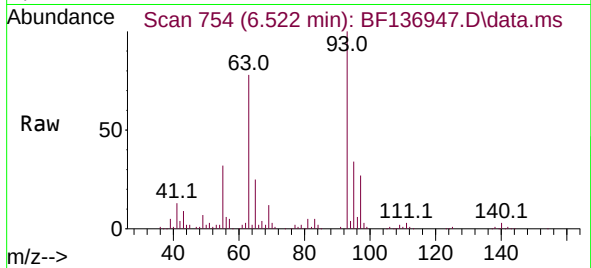
Tgt Ion: 94 Resp: 167365
Ion Ratio Lower Upper
94 100
65 29.7 16.6 56.6
66 42.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 39.456 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

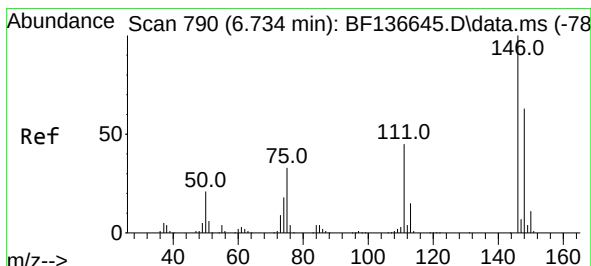
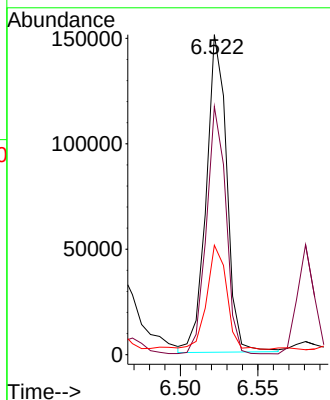
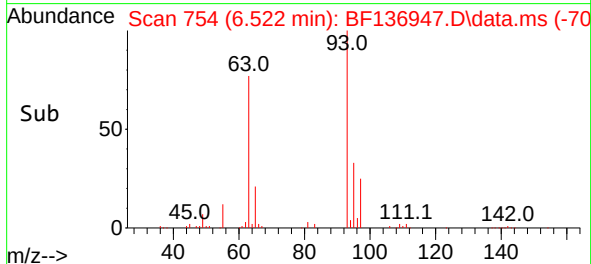
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion: 93 Resp: 138474
Ion Ratio Lower Upper
93 100
63 77.6 61.2 101.2
95 34.2 11.6 51.6

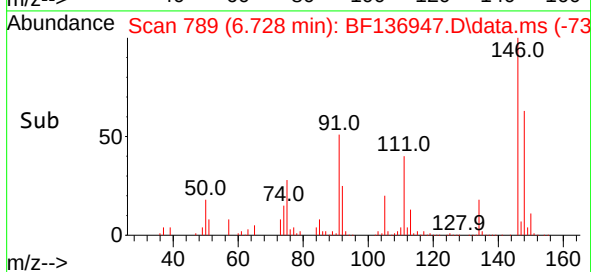
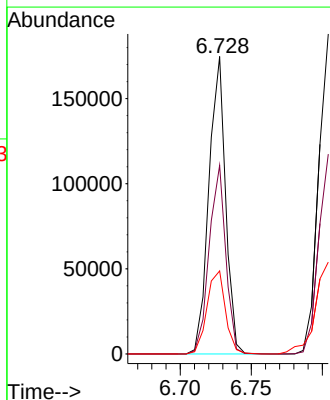
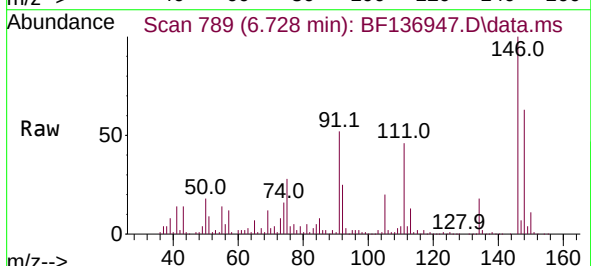
Manual Integrations
APPROVED

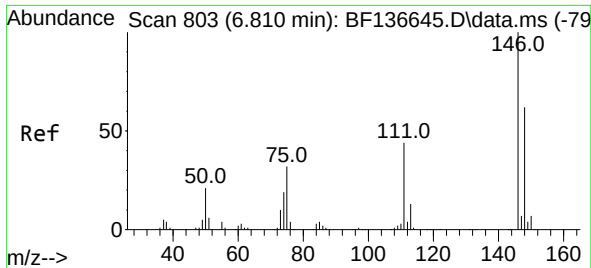
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#12
1,3-Dichlorobenzene
Concen: 35.753 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

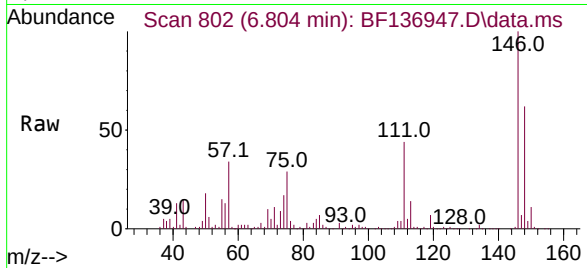
Tgt Ion:146 Resp: 142400
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 27.9 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.228 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

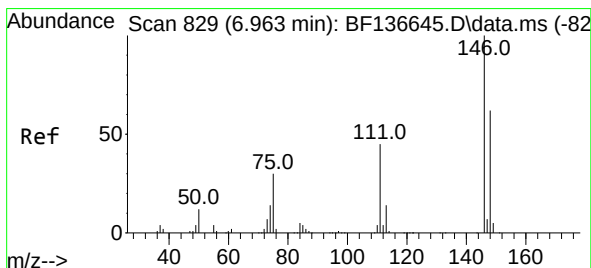
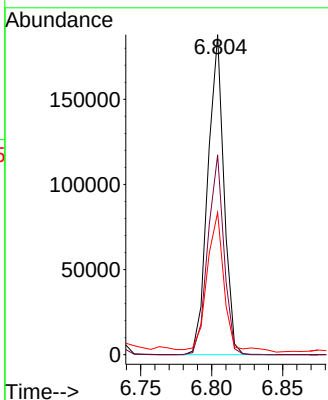
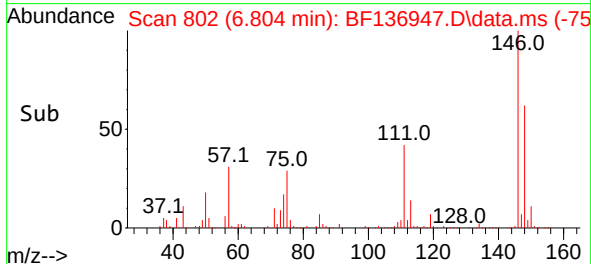
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:146 Resp: 147430
Ion Ratio Lower Upper
146 100
148 62.5 49.2 73.8
111 44.4 35.2 52.8

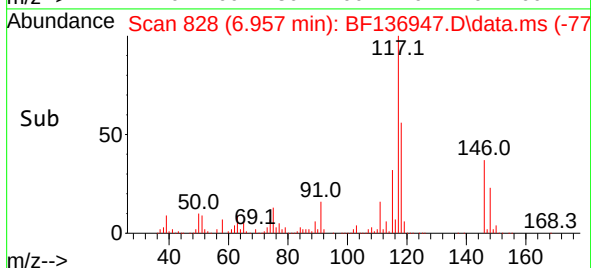
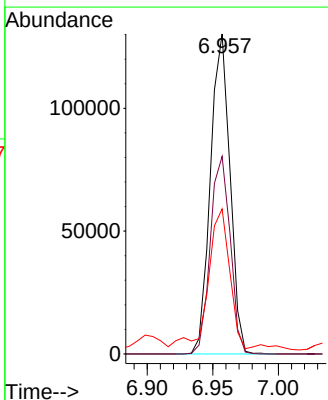
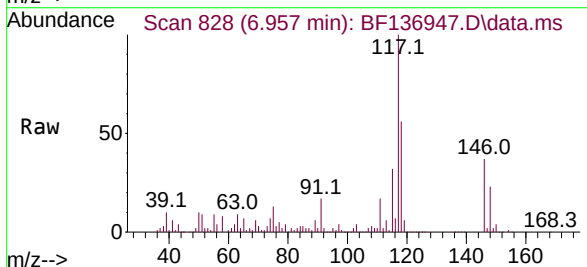
Manual Integrations
APPROVED

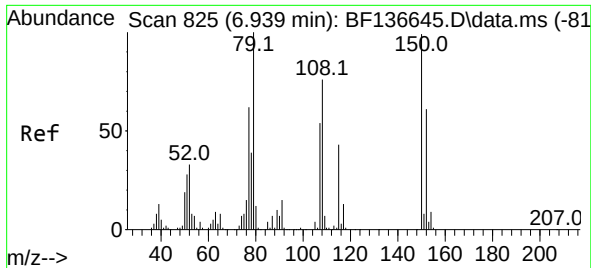
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#14
1,2-Dichlorobenzene
Concen: 35.549 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

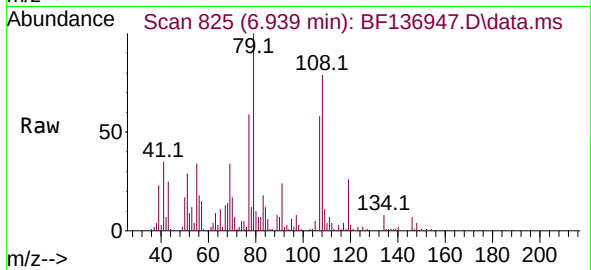
Tgt Ion:146 Resp: 134620
Ion Ratio Lower Upper
146 100
148 61.8 49.6 74.4
111 45.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 35.815 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

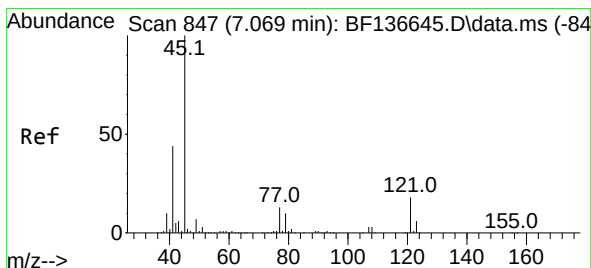
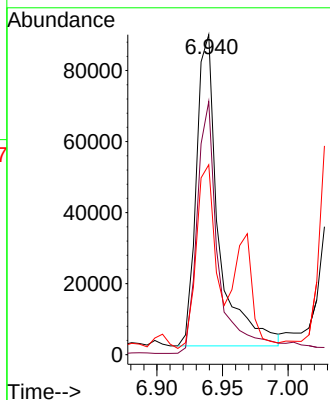
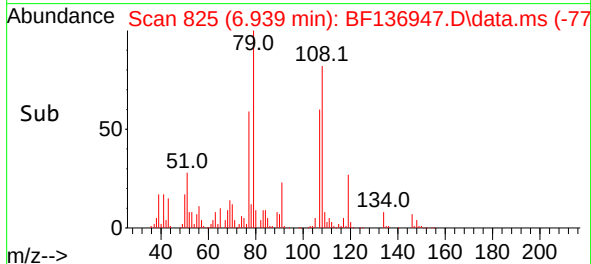
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion: 79 Resp: 10445
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 59.3 49.8 74.8

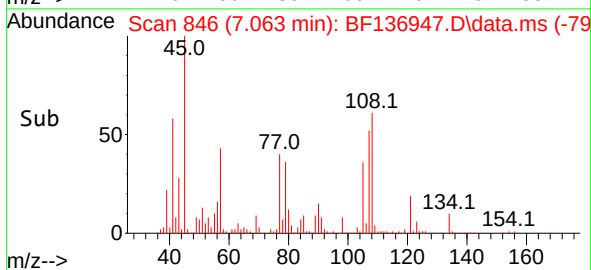
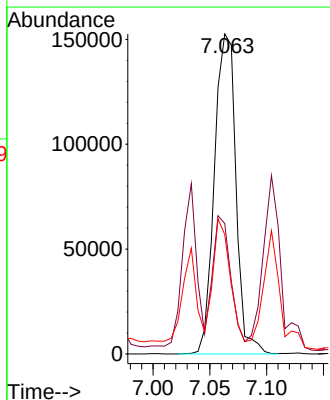
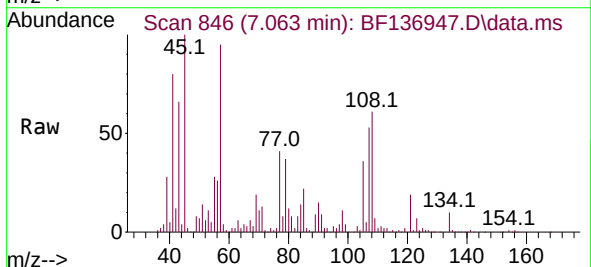
Manual Integrations
APPROVED

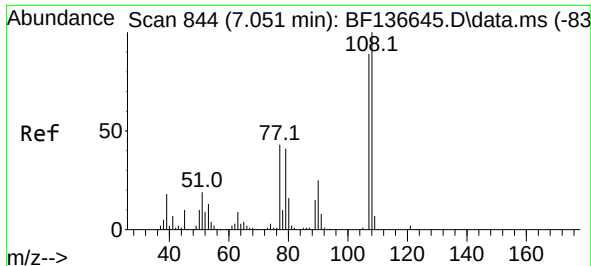
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.059 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

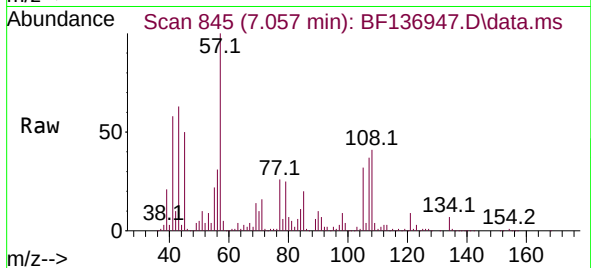
Tgt Ion: 45 Resp: 201165
Ion Ratio Lower Upper
45 100
77 40.8 0.0 34.3#
79 37.3 0.0 31.4#





#17
2-Methylphenol
Concen: 34.900 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

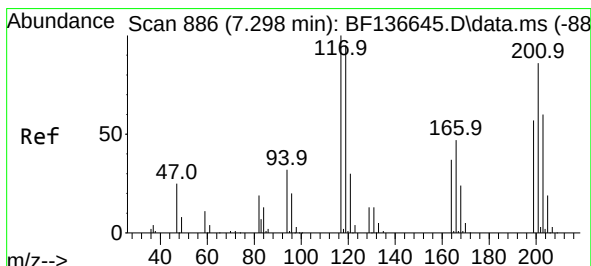
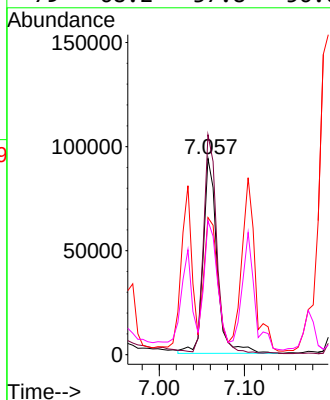
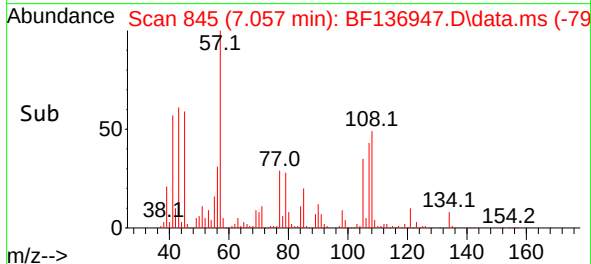
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:107 Resp: 105560
Ion Ratio Lower Upper
107 100
108 112.1 90.3 135.5
77 69.8 38.7 58.1
79 68.2 37.8 56.6

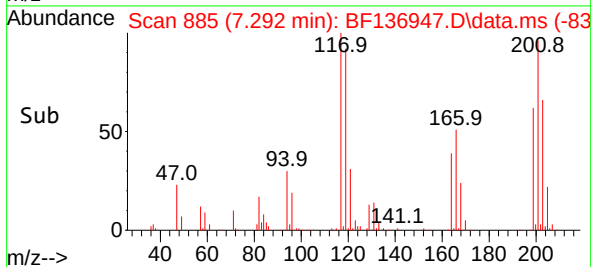
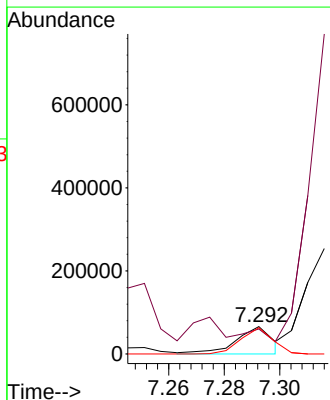
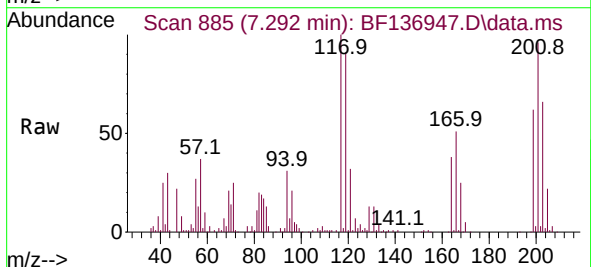
Manual Integrations
APPROVED

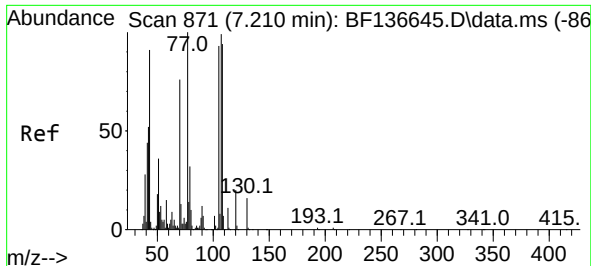
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#18
Hexachloroethane
Concen: 40.005 ng m
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

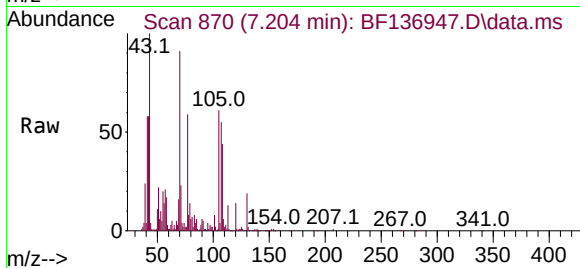
Tgt Ion:117 Resp: 59126
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.6
201 95.5 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 47.239 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

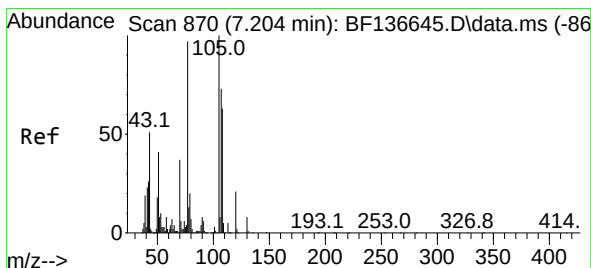
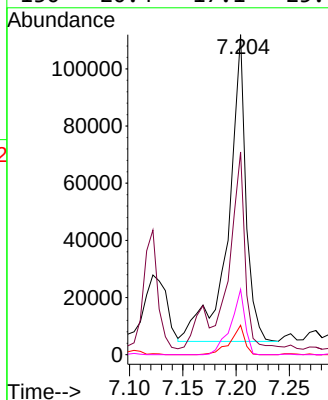
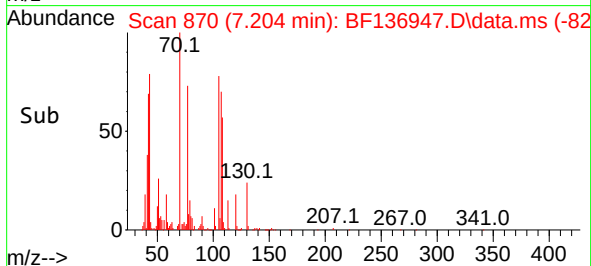
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



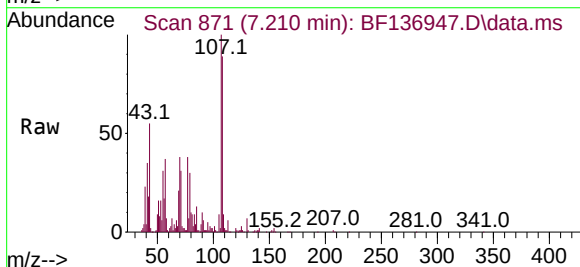
Tgt Ion: 70 Resp: 123790
Ion Ratio Lower Upper
70 100
42 63.3 54.2 81.4
101 9.2 7.6 11.4
130 20.4 17.1 25.7

Manual Integrations
APPROVED

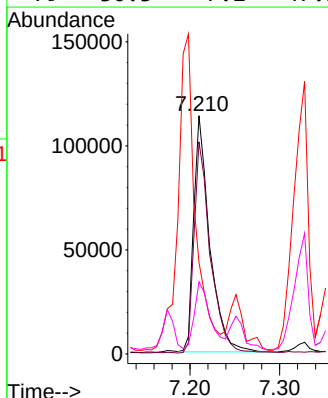
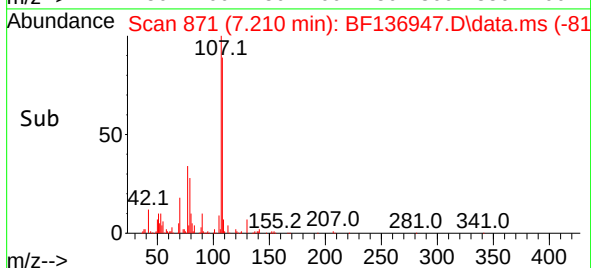
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

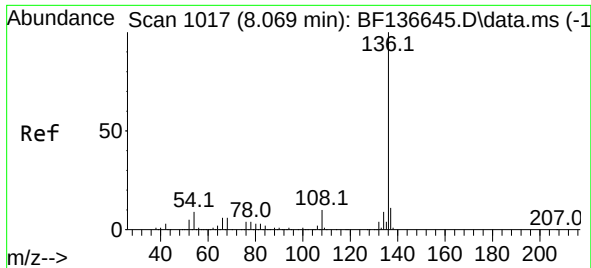


#20
3+4-Methylphenols
Concen: 37.182 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



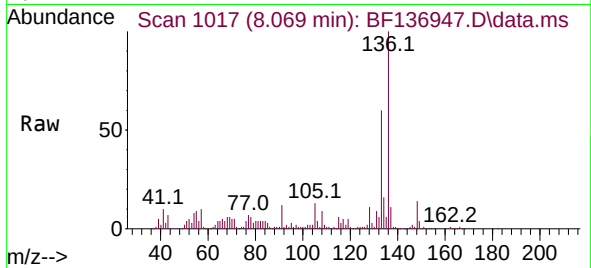
Tgt Ion:107 Resp: 140501
Ion Ratio Lower Upper
107 100
108 89.1 66.0 106.0
77 38.4 114.2 154.2#
79 30.3 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

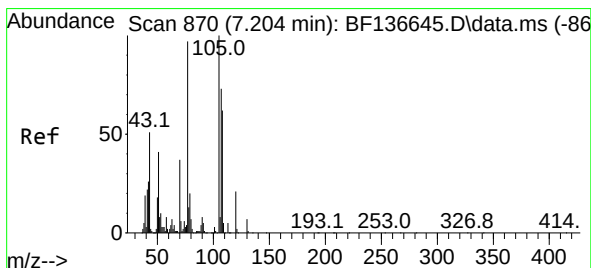
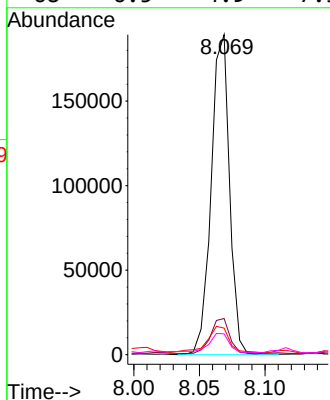
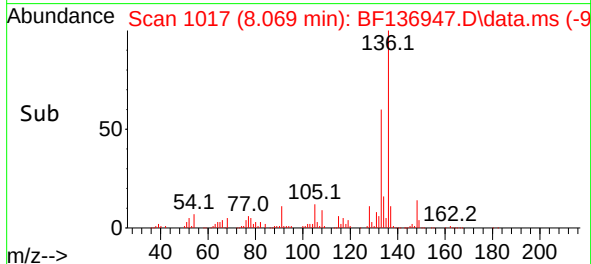
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:136 Resp: 184040
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.3 7.2 10.8
68 6.5 4.9 7.3

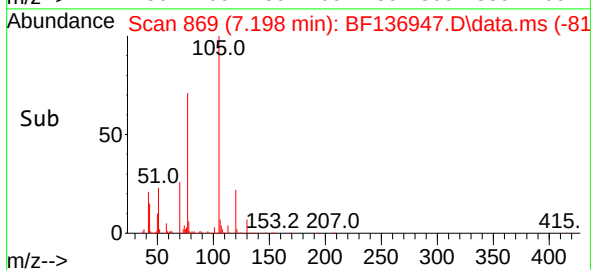
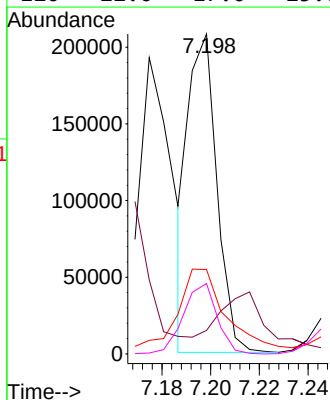
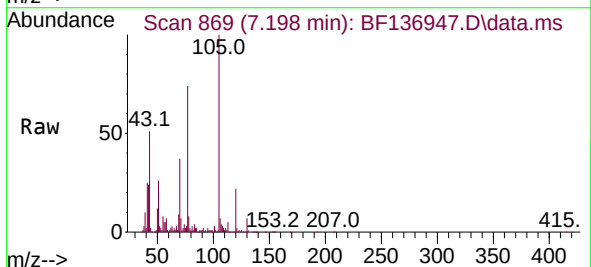
Manual Integrations
APPROVED

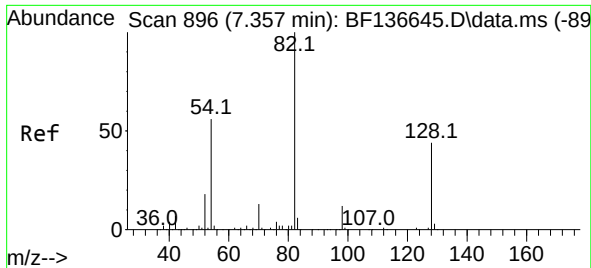
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#22
Acetophenone
Concen: 36.500 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:105 Resp: 168371
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 26.4 32.8 49.2#
120 22.0 17.0 25.6





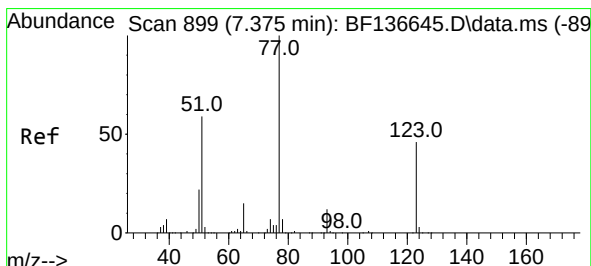
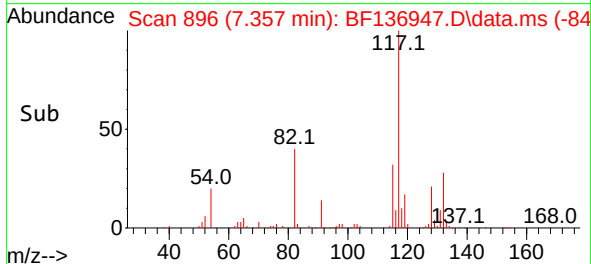
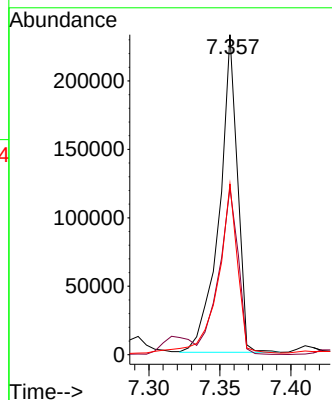
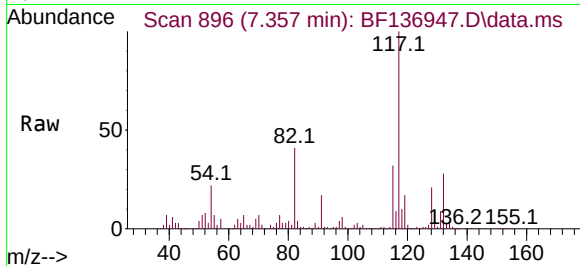
#23
Nitrobenzene-d5
Concen: 57.156 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

Tgt Ion: 82 Resp: 20556
Ion Ratio Lower Upper
82 100
128 52.2 35.3 52.9
54 53.4 44.5 66.7

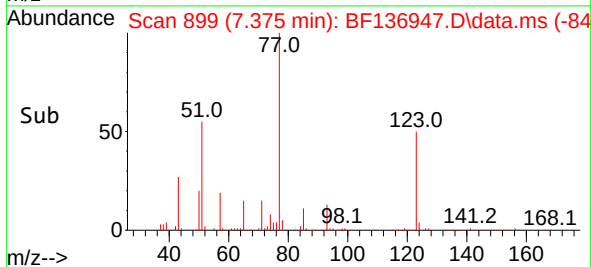
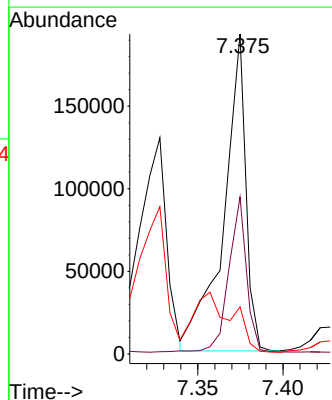
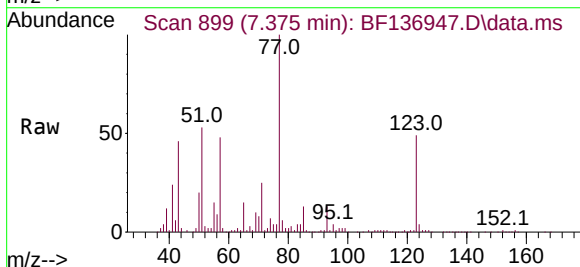
Manual Integrations
APPROVED

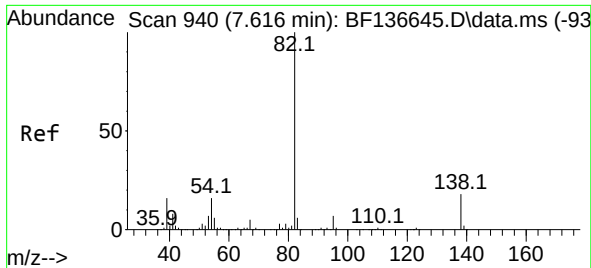
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#24
Nitrobenzene
Concen: 48.192 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

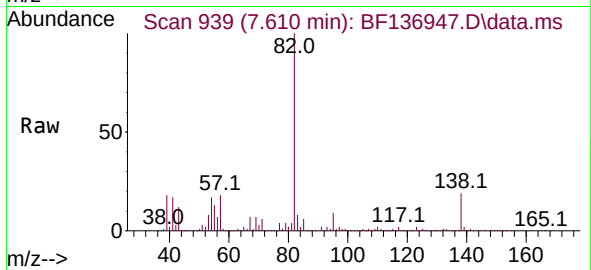
Tgt Ion: 77 Resp: 173628
Ion Ratio Lower Upper
77 100
123 49.1 36.7 55.1
65 14.7 11.8 17.6





#25
Isophorone
Concen: 39.648 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

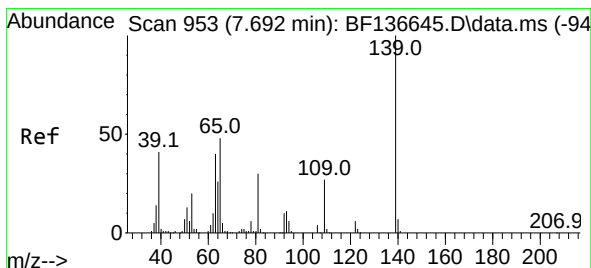
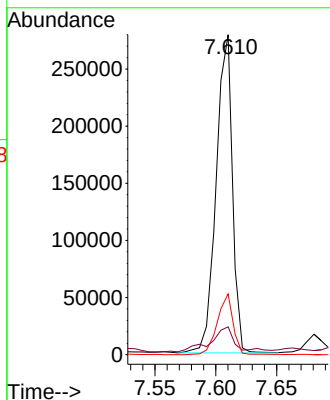
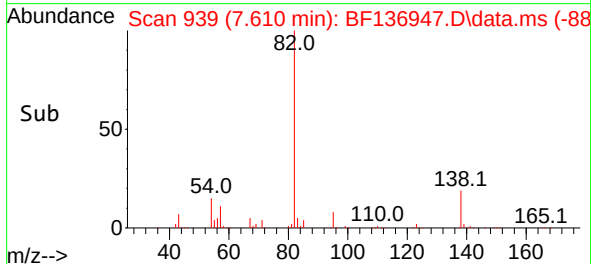
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion: 82 Resp: 25947
Ion Ratio Lower Upper
82 100
95 8.7 5.5 8.3
138 19.0 14.5 21.7

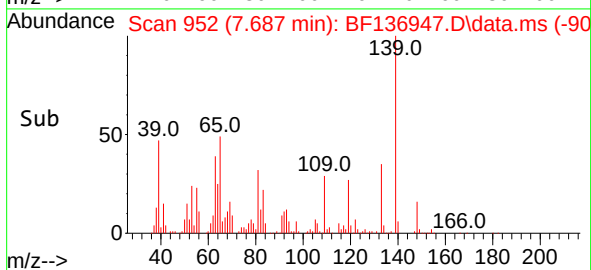
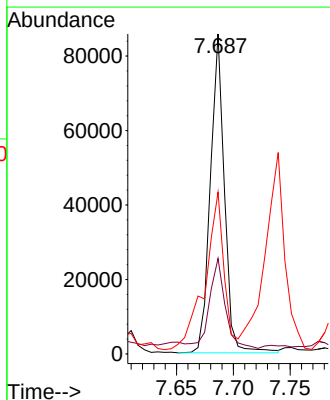
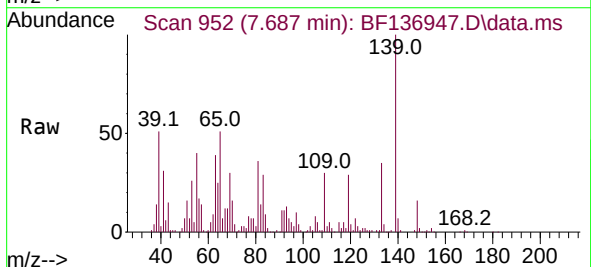
Manual Integrations
APPROVED

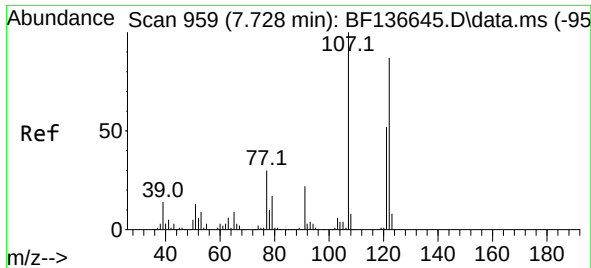
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#26
2-Nitrophenol
Concen: 42.765 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

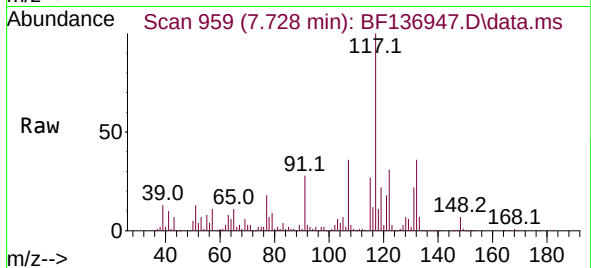
Tgt Ion:139 Resp: 73715
Ion Ratio Lower Upper
139 100
109 29.8 21.9 32.9
65 50.5 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 30.519 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

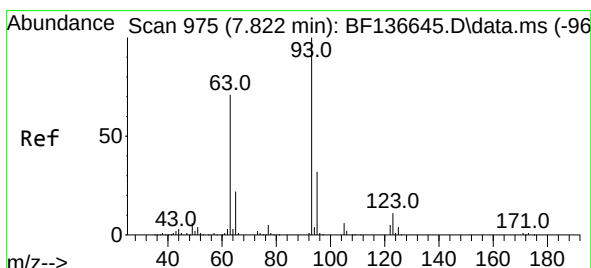
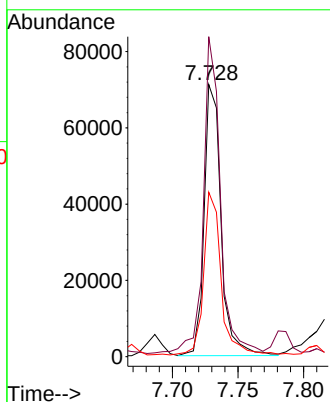
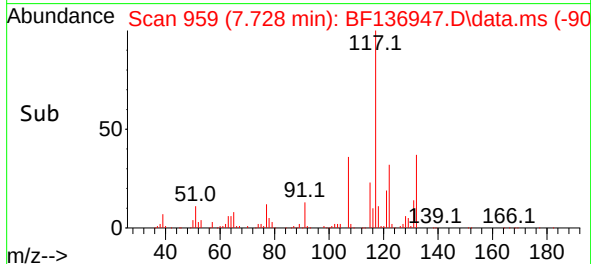
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



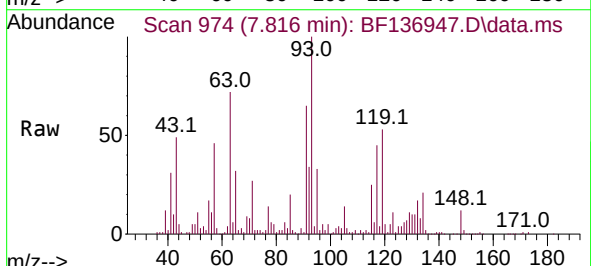
Tgt Ion:122 Resp: 64040
Ion Ratio Lower Upper
122 100
107 117.6 92.0 138.0
121 60.4 47.5 71.3

Manual Integrations
APPROVED

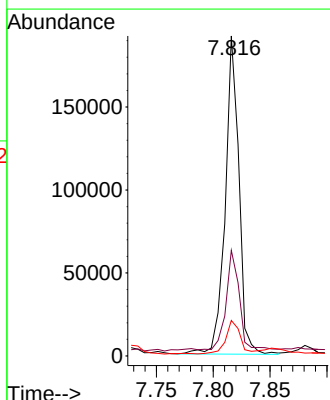
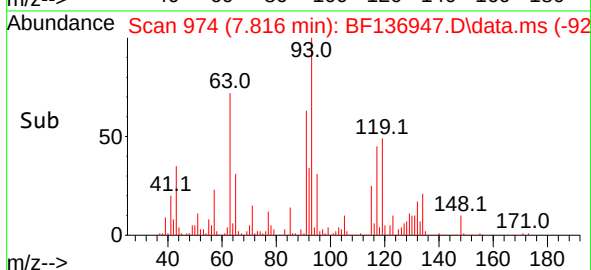
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

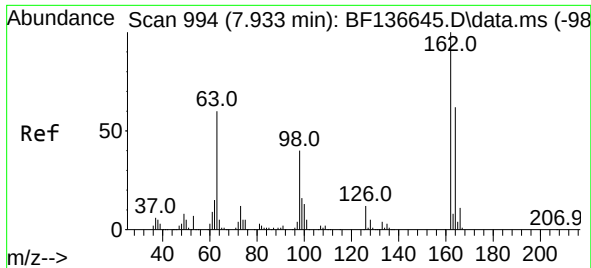


#28
bis(2-Chloroethoxy)methane
Concen: 40.549 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



Tgt Ion: 93 Resp: 161304
Ion Ratio Lower Upper
93 100
95 33.0 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.101 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF136947.D

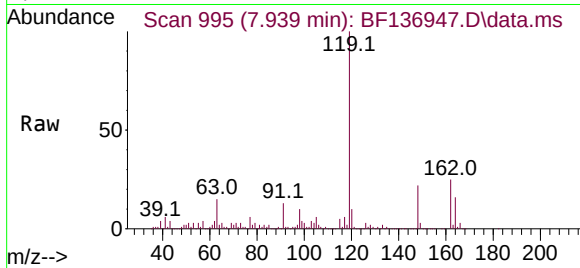
Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS



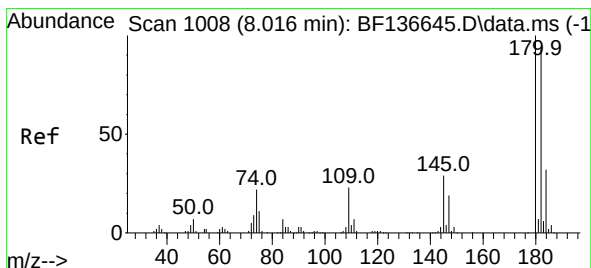
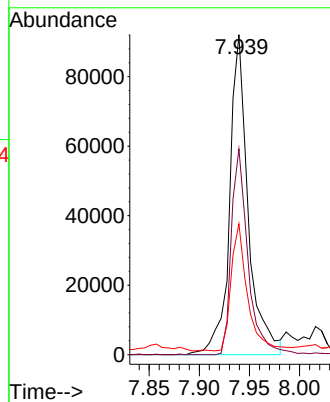
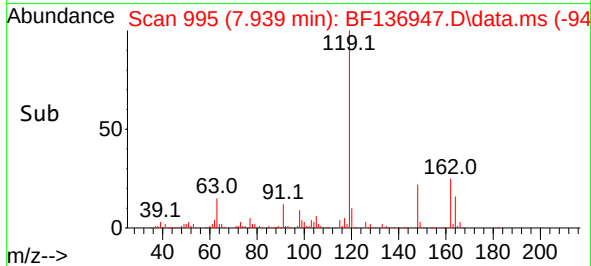
Tgt Ion:	162	Resp:	11914
Ion Ratio	Lower	Upper	
162	100		
164	64.3	41.7	81.7
98	40.9	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.922 ng

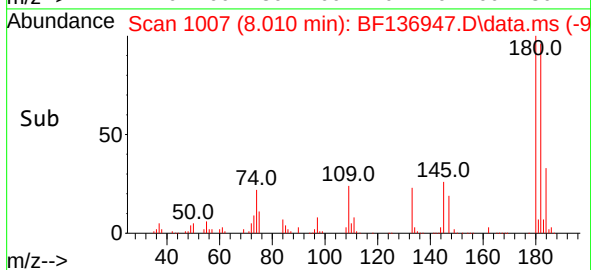
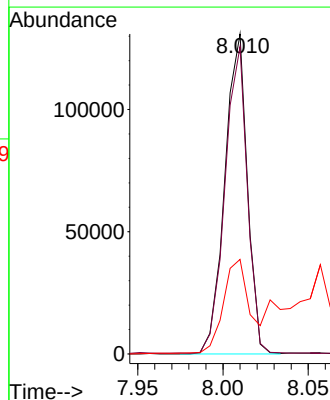
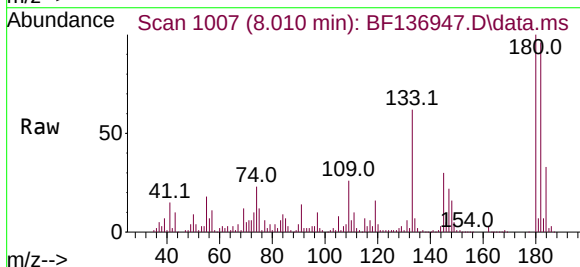
RT: 8.010 min Scan# 1007

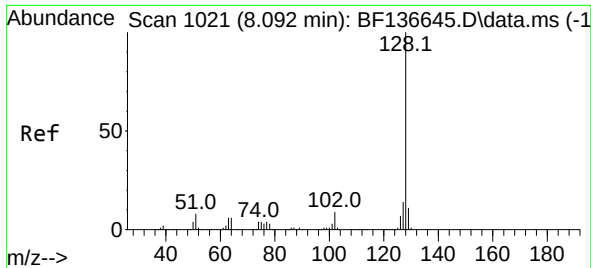
Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

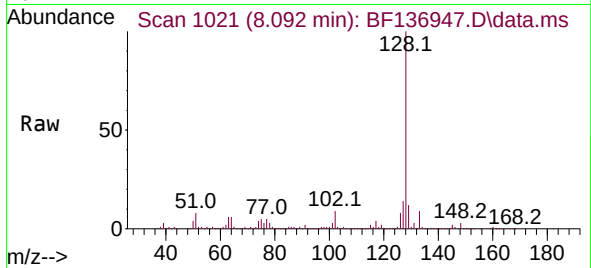
Tgt Ion:	180	Resp:	120174
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.4	113.0
145	29.5	23.1	34.7





#31
Naphthalene
Concen: 110.586 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

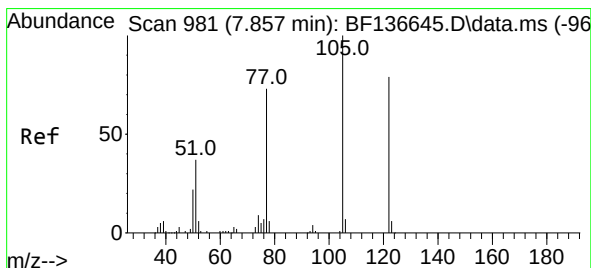
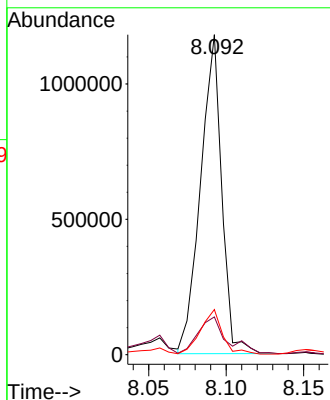
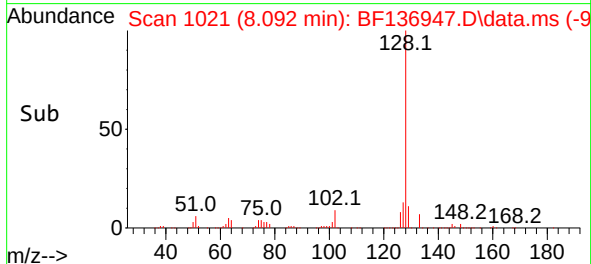
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:128 Resp: 111810
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.1 10.8 16.2

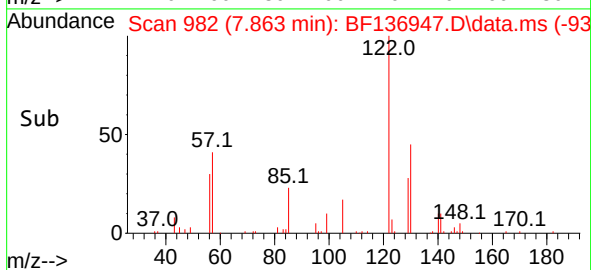
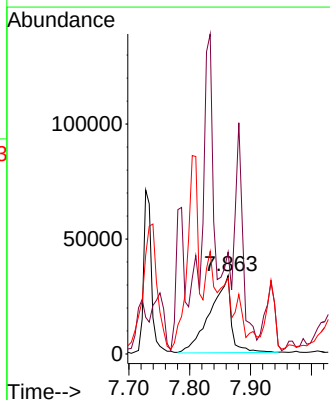
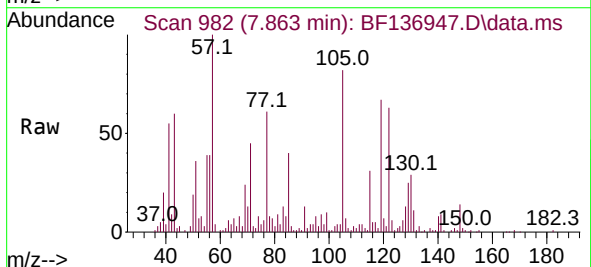
Manual Integrations
APPROVED

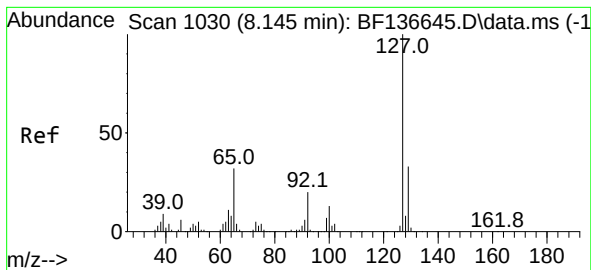
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#32
Benzoic acid
Concen: 39.913 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

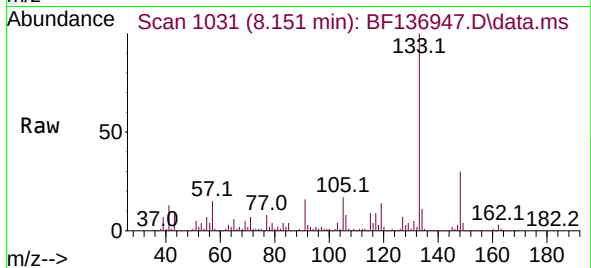
Tgt Ion:122 Resp: 81044
Ion Ratio Lower Upper
122 100
105 130.0 100.8 140.8
77 96.6 70.9 110.9





#33
4-Chloroaniline
Concen: 6.978 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

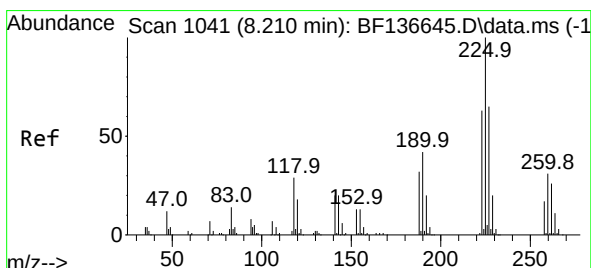
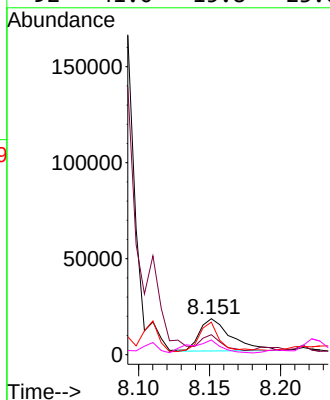
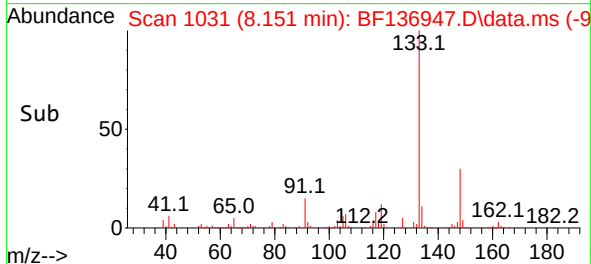
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:127 Resp: 26048
Ion Ratio Lower Upper
127 100
129 55.6 26.3 39.5
65 90.0 25.8 38.8
92 41.0 15.8 23.6

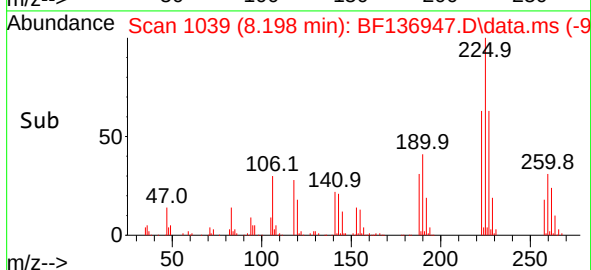
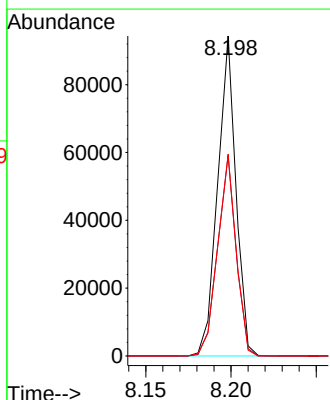
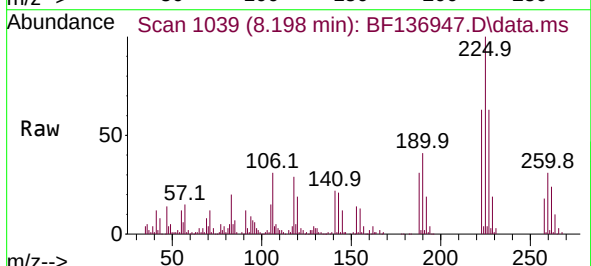
Manual Integrations
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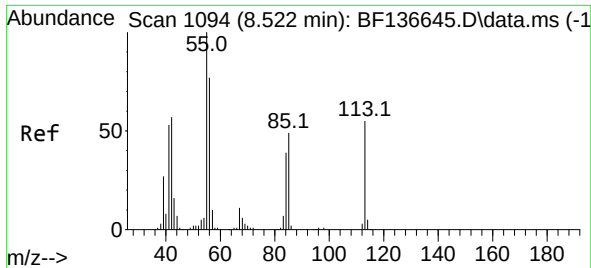
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#34
Hexachlorobutadiene
Concen: 38.466 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

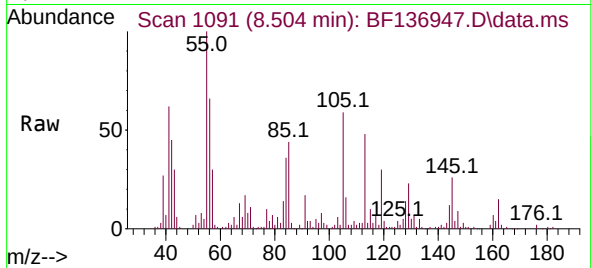
Tgt Ion:225 Resp: 70351
Ion Ratio Lower Upper
225 100
223 62.6 50.6 76.0
227 63.0 51.9 77.9





#35
Caprolactam
Concen: 48.980 ng
RT: 8.504 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

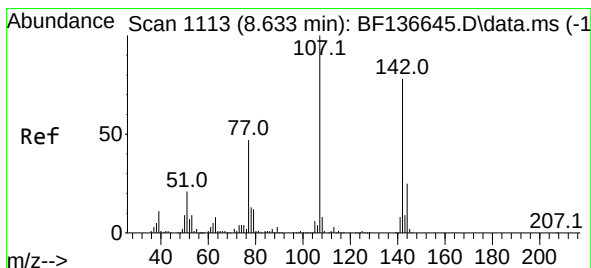
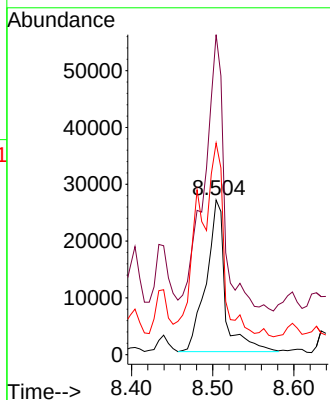
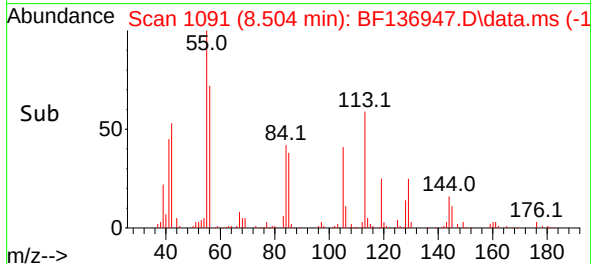
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:113 Resp: 4365
Ion Ratio Lower Upper
113 100
55 206.9 163.1 203.1
56 136.9 121.7 161.7

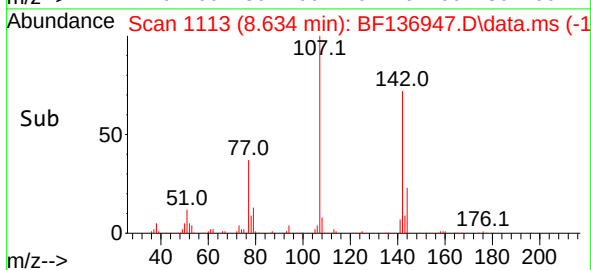
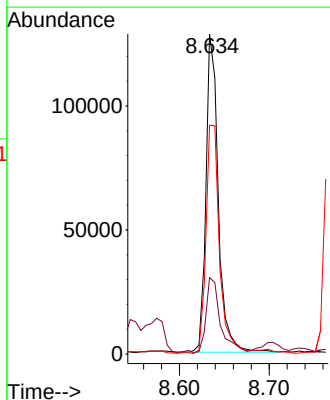
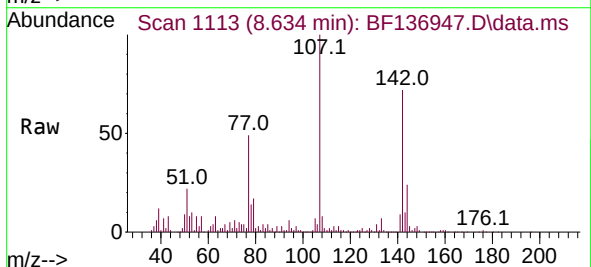
Manual Integrations
APPROVED

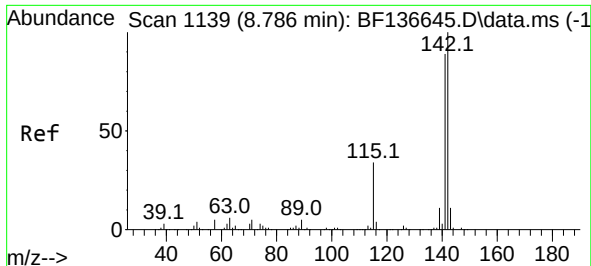
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#36
4-Chloro-3-methylphenol
Concen: 40.330 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:107 Resp: 122664
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 71.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 184.245 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

Tgt Ion:142 Resp: 119886

Ion Ratio Lower Upper

142 100

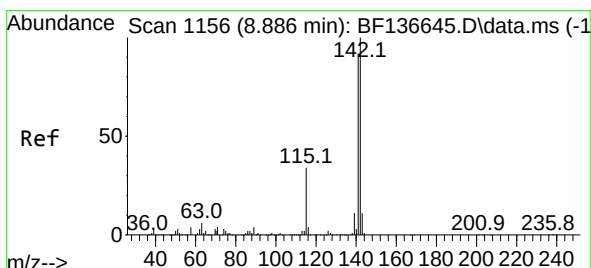
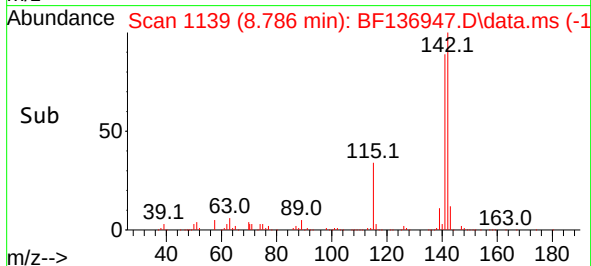
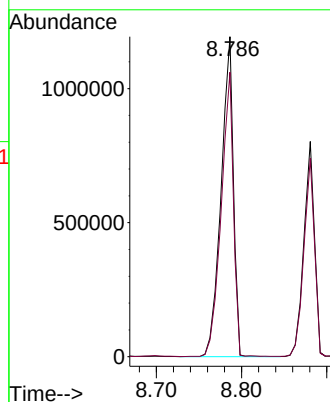
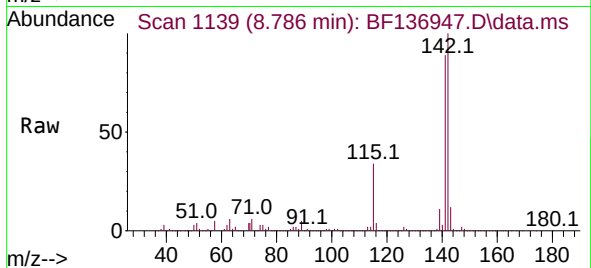
141 88.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#38

1-Methylnaphthalene

Concen: 109.432 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136947.D

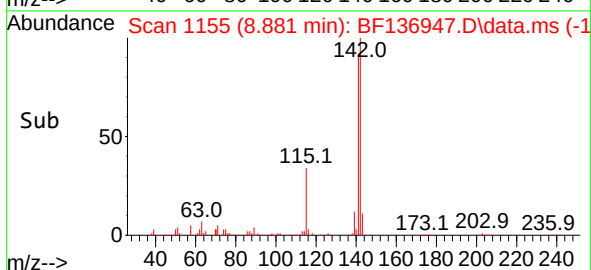
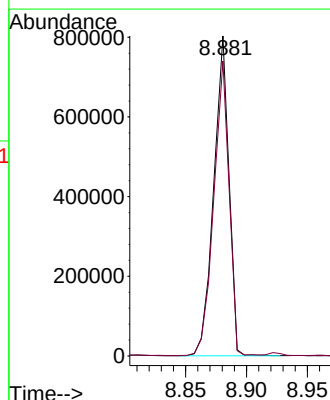
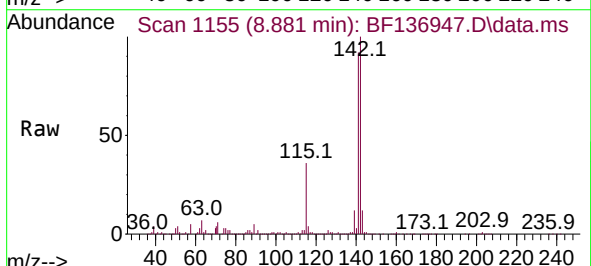
Acq: 04 Jan 2024 18:41

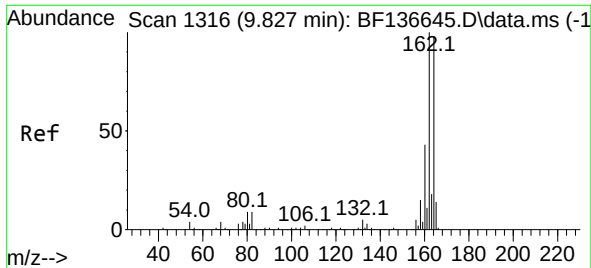
Tgt Ion:142 Resp: 698594

Ion Ratio Lower Upper

142 100

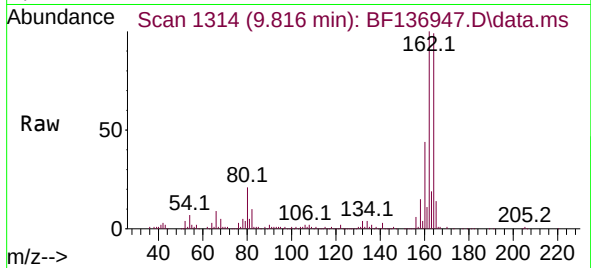
141 92.1 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

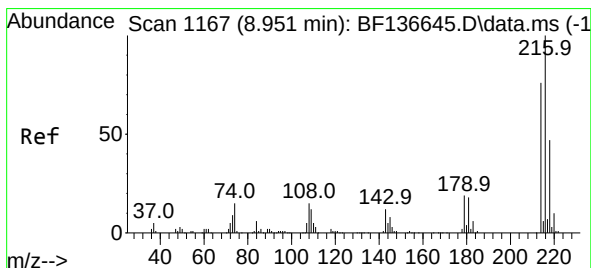
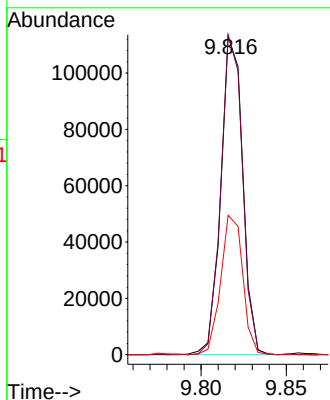
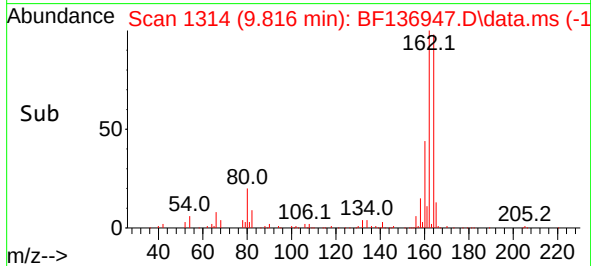
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:164 Resp: 100792
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 43.8 34.9 52.3

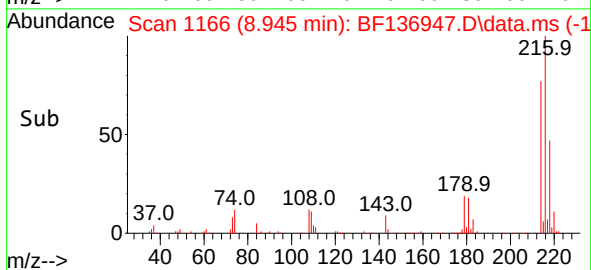
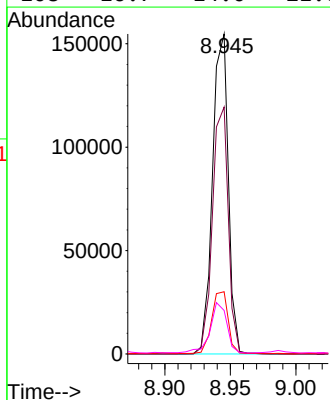
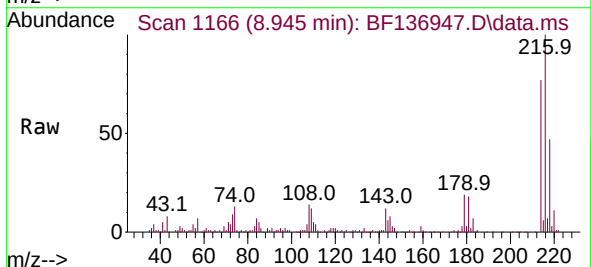
Manual Integrations
APPROVED

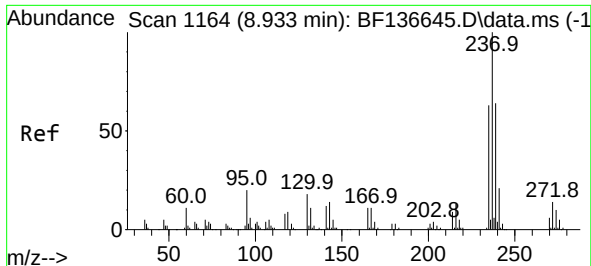
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.473 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

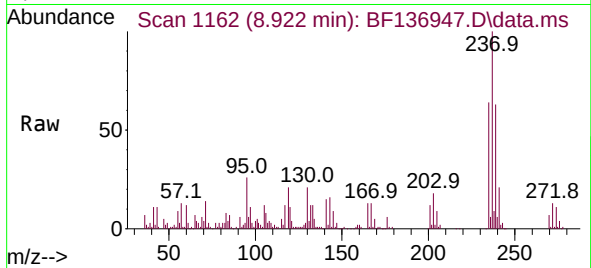
Tgt Ion:216 Resp: 129456
Ion Ratio Lower Upper
216 100
214 77.7 62.3 93.5
179 20.1 16.4 24.6
108 16.7 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 48.855 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

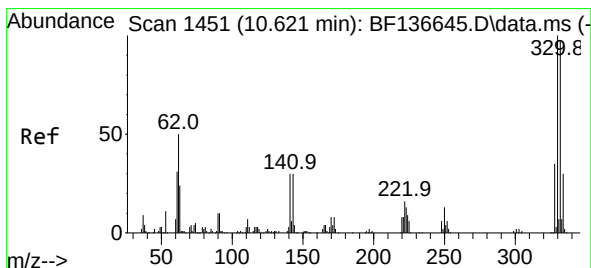
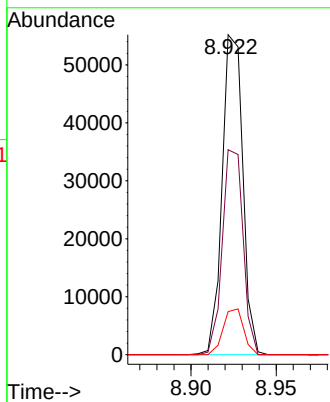
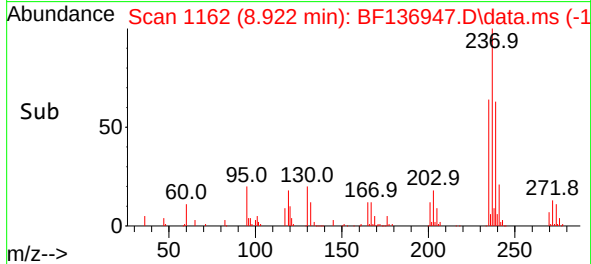
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:237 Resp: 46602
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.5 0.0 34.2

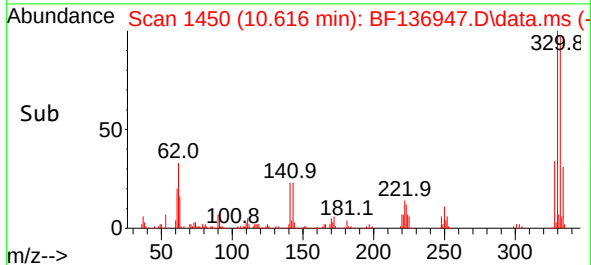
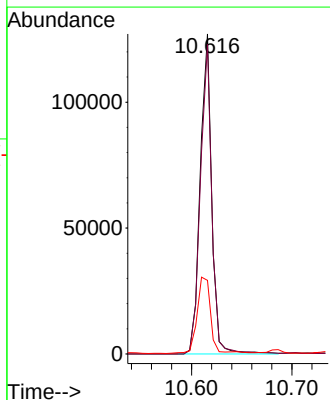
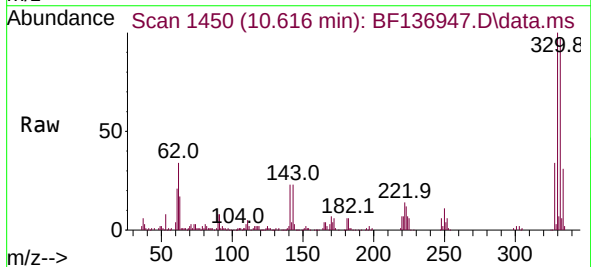
Manual Integrations
APPROVED

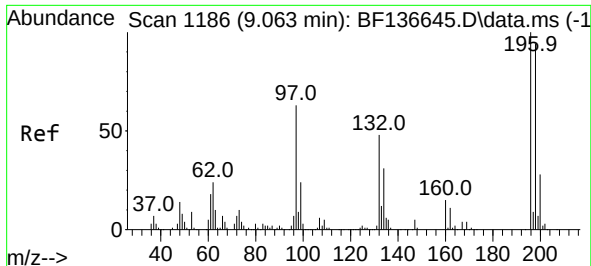
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#42
2,4,6-Tribromophenol
Concen: 85.628 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:330 Resp: 101645
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 28.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.967 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136947.D

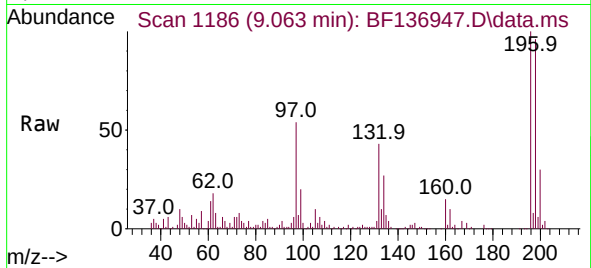
Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS



Tgt Ion:196 Resp: 8000

Ion Ratio Lower Upper

196 100

198 95.8 75.1 112.7

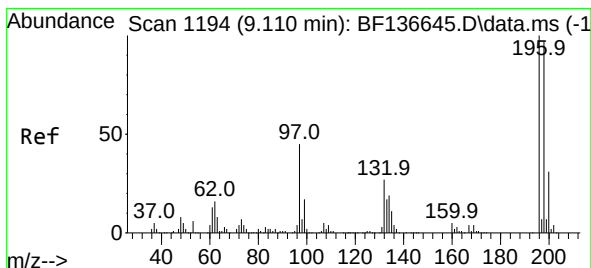
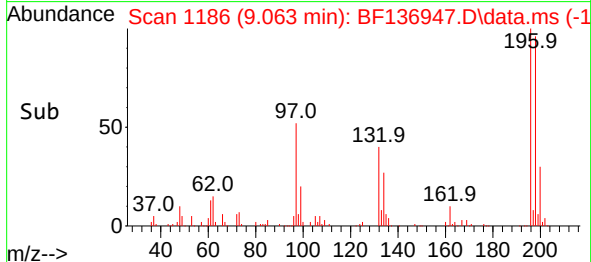
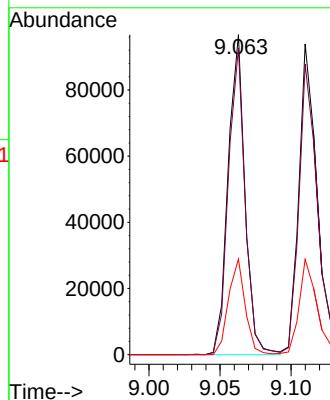
200 29.9 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#44

2,4,5-Trichlorophenol

Concen: 38.917 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Tgt Ion:196 Resp: 86816

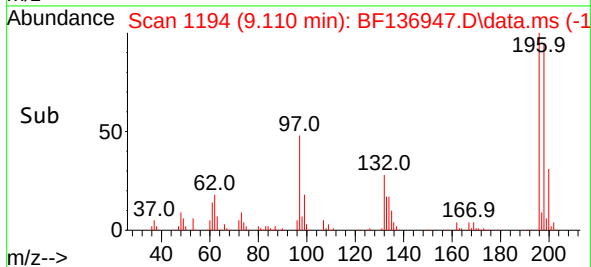
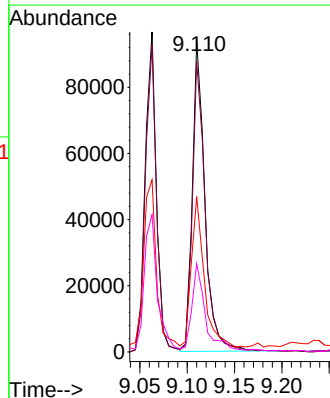
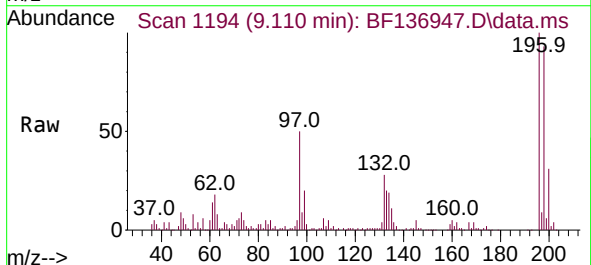
Ion Ratio Lower Upper

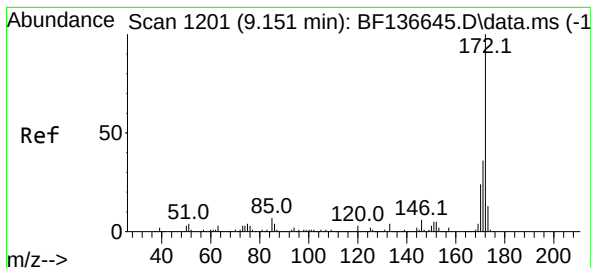
196 100

198 93.5 77.0 115.6

97 50.0 36.1 54.1

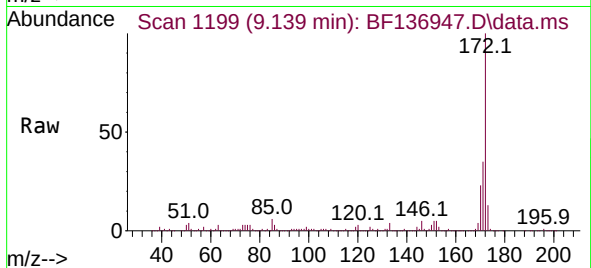
132 28.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 58.043 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

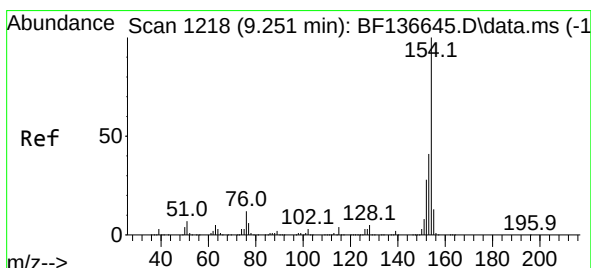
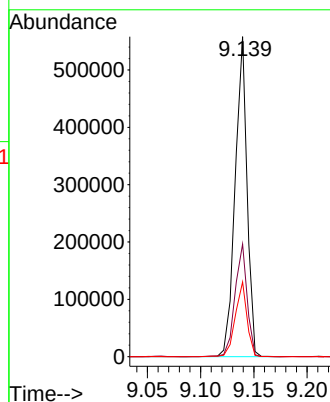
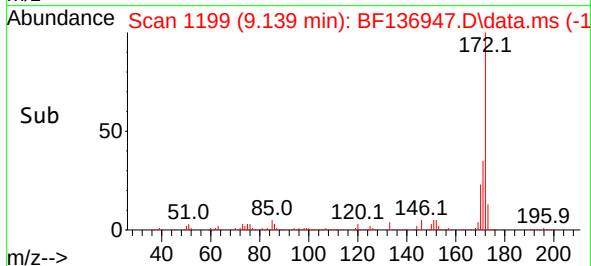
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



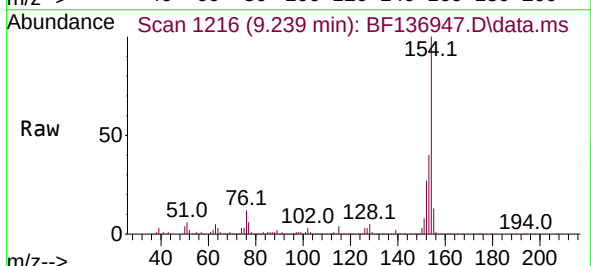
Tgt Ion:172 Resp: 43496
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.4 19.0 28.4

Manual Integrations
APPROVED

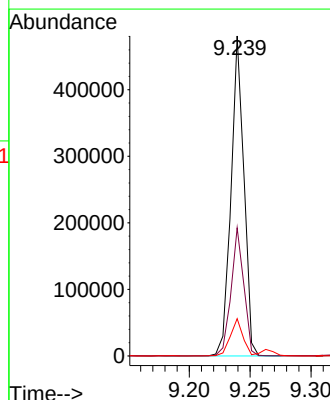
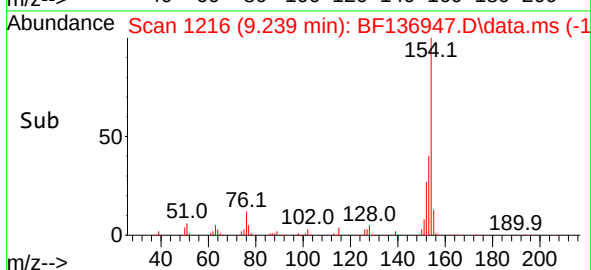
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

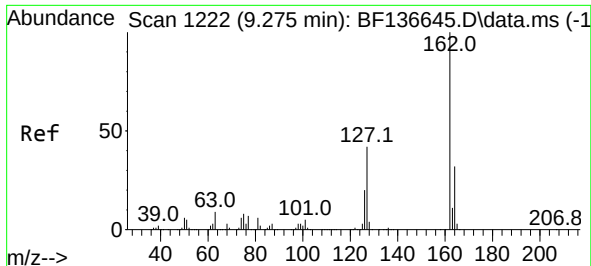


#46
1,1'-Biphenyl
Concen: 41.804 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



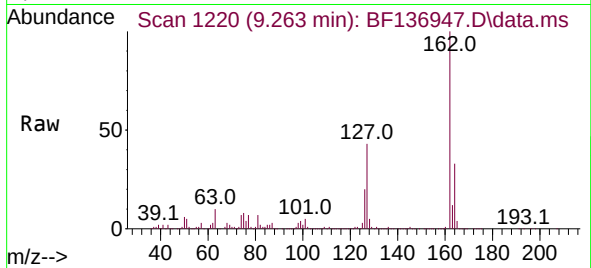
Tgt Ion:154 Resp: 353574
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 11.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.303 ng
RT: 9.263 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

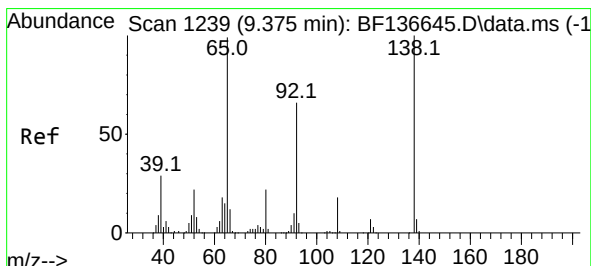
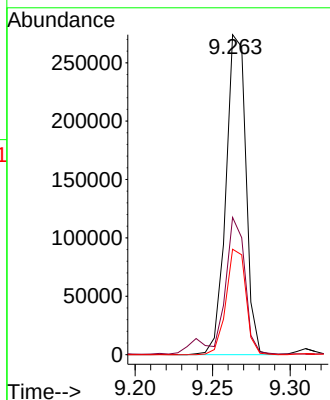
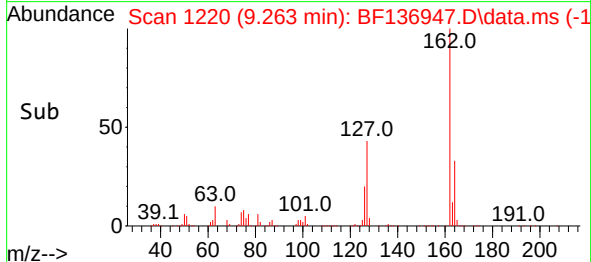
Instrument : BNA_F
ClientSampleId : SB32-2-20231222-7.5-8.5MS



Tgt Ion: 162 Resp: 24628
Ion Ratio Lower Upper
162 100
127 42.9 33.6 50.4
164 33.0 25.7 38.5

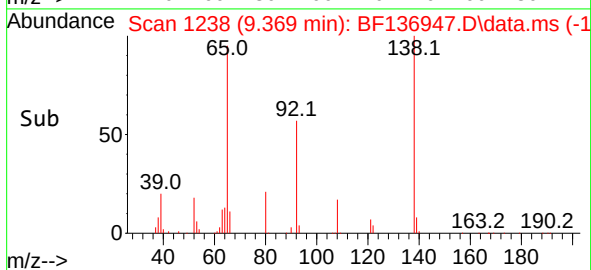
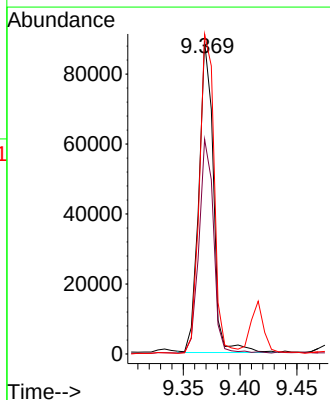
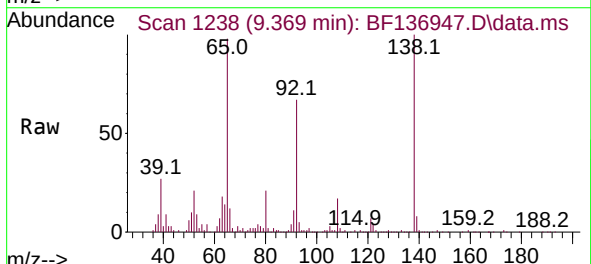
Manual Integrations
APPROVED

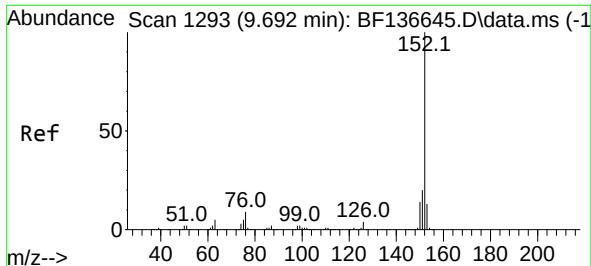
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#48
2-Nitroaniline
Concen: 39.174 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

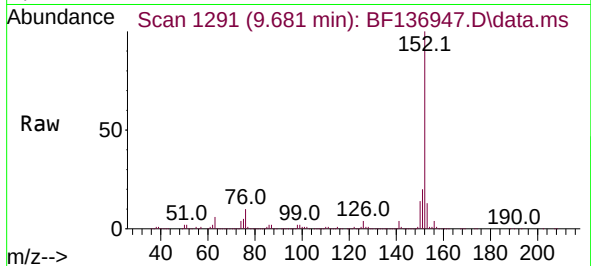
Tgt Ion: 65 Resp: 78877
Ion Ratio Lower Upper
65 100
92 68.6 53.2 79.8
138 102.2 81.1 121.7





#49
Acenaphthylene
Concen: 42.005 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

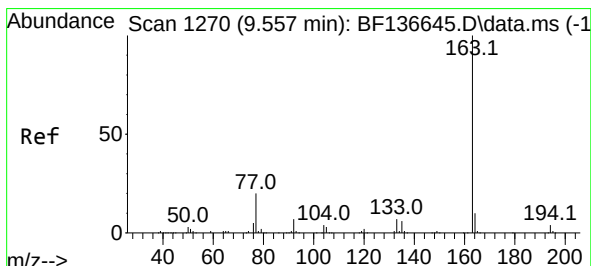
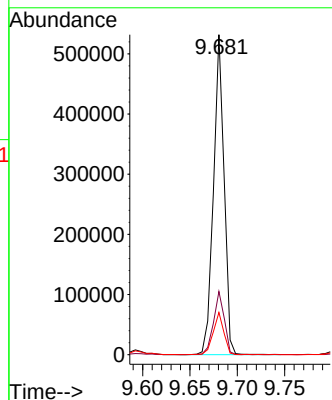
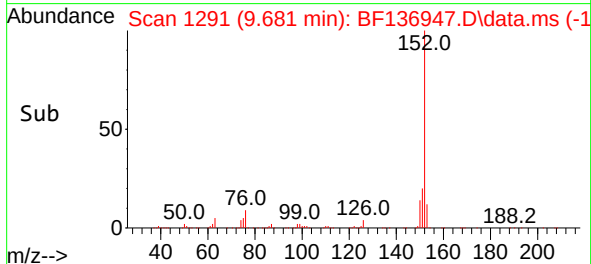
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



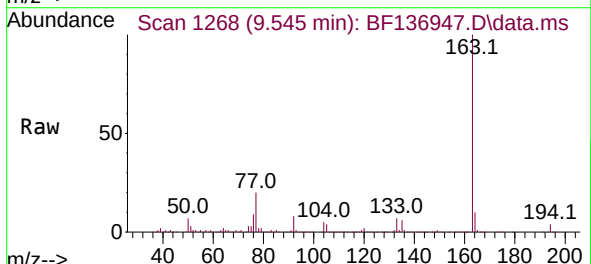
Tgt Ion:152 Resp: 41282
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations
APPROVED

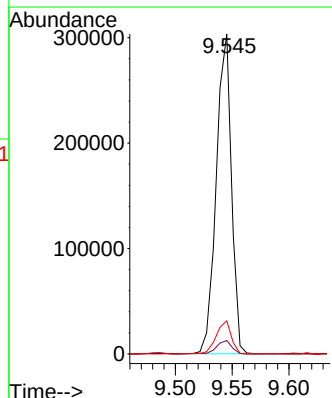
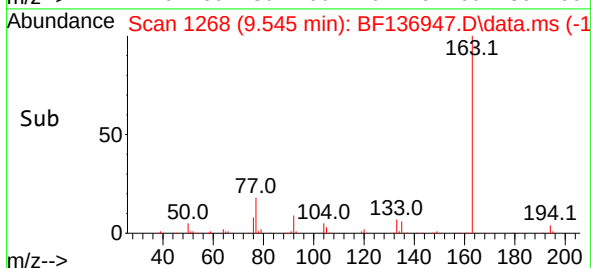
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

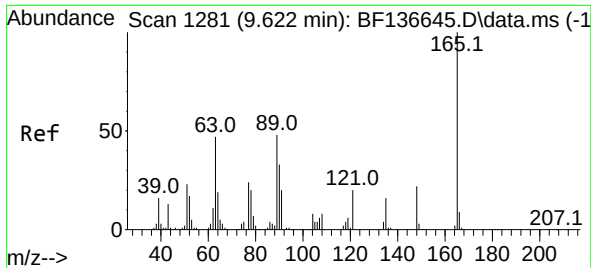


#50
Dimethylphthalate
Concen: 38.271 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



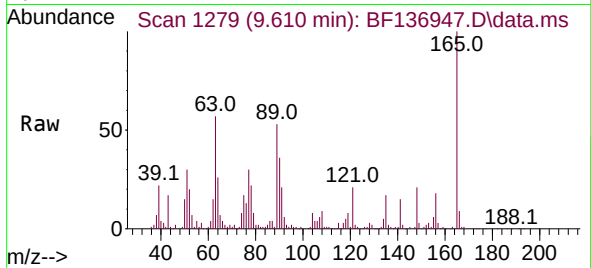
Tgt Ion:163 Resp: 281754
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 38.286 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

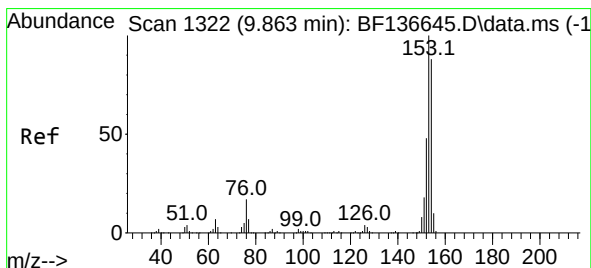
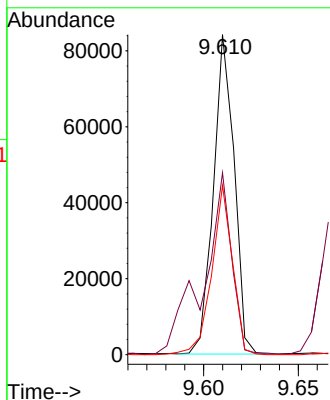
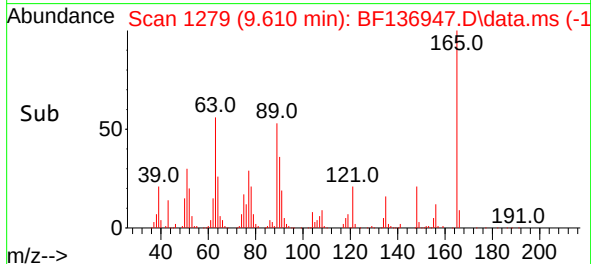
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:165 Resp: 63969
Ion Ratio Lower Upper
165 100
63 56.9 39.8 59.6
89 52.9 38.8 58.2

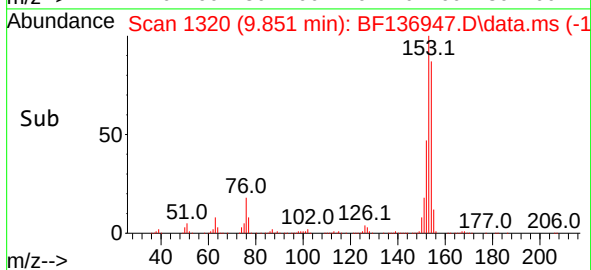
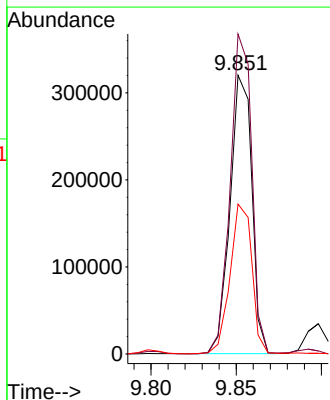
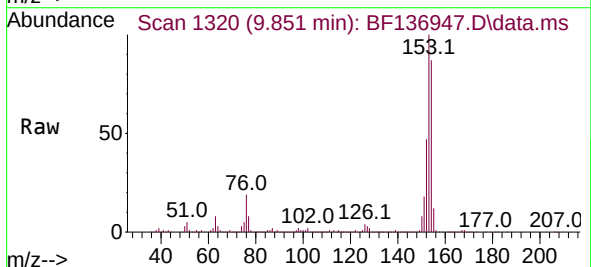
Manual Integrations
APPROVED

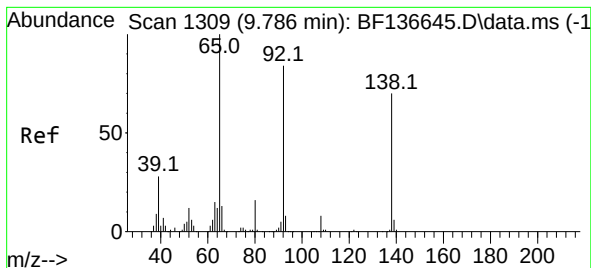
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#52
Acenaphthene
Concen: 46.737 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

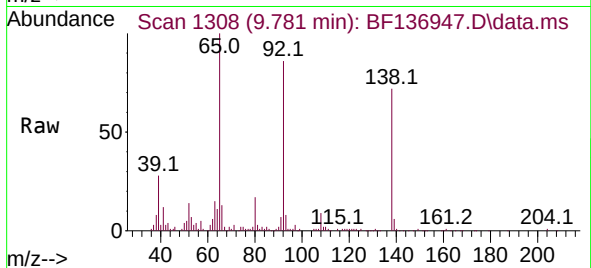
Tgt Ion:154 Resp: 284730
Ion Ratio Lower Upper
154 100
153 114.8 90.7 136.1
152 53.8 43.7 65.5





#53
3-Nitroaniline
Concen: 24.367 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

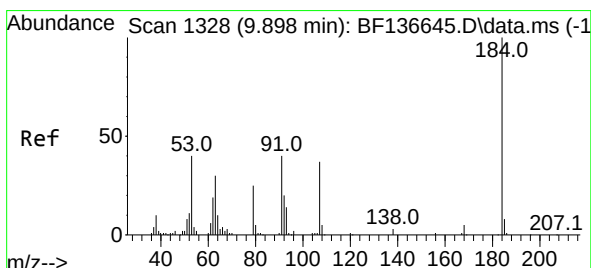
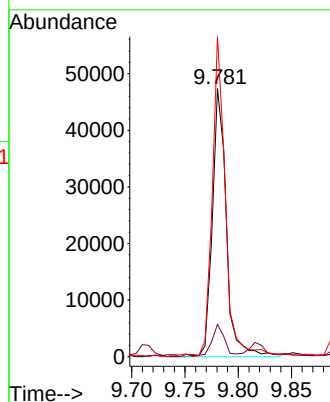
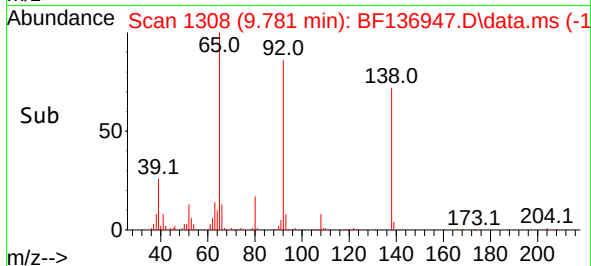
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:138 Resp: 43128
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 119.4 95.2 142.8

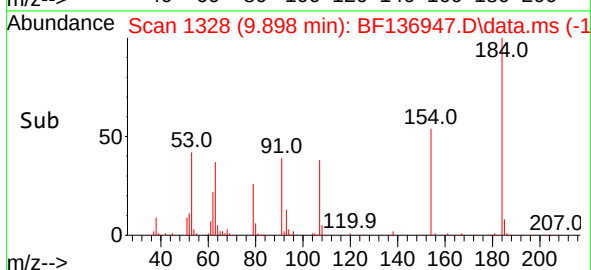
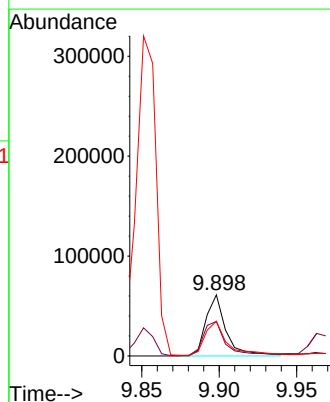
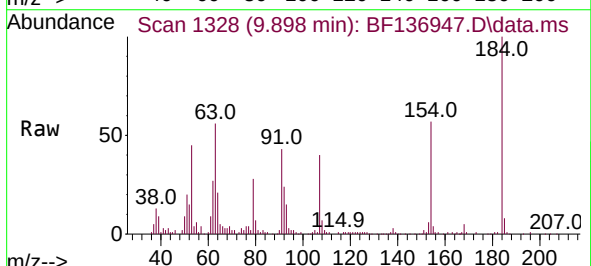
Manual Integrations
APPROVED

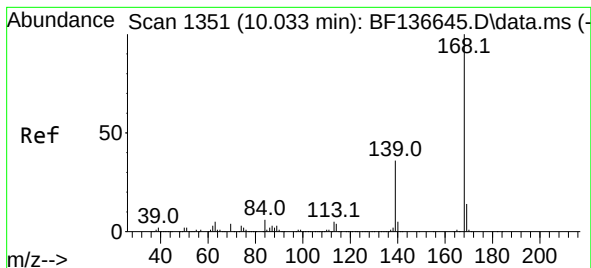
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#54
2,4-Dinitrophenol
Concen: 61.024 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

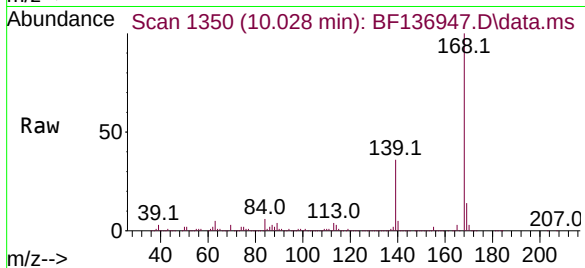
Tgt Ion:184 Resp: 55648
Ion Ratio Lower Upper
184 100
63 56.5 40.9 61.3
154 56.7 42.7 64.1





#55
Dibenzenofuran
Concen: 44.750 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

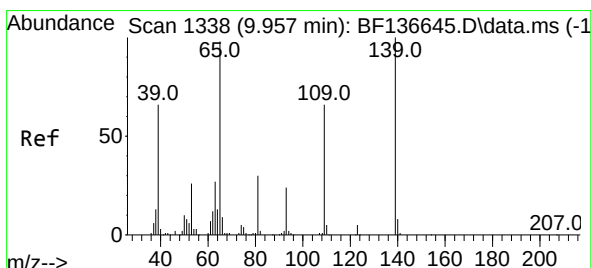
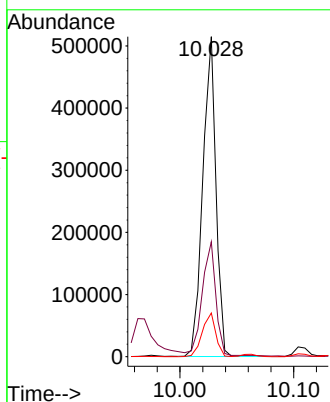
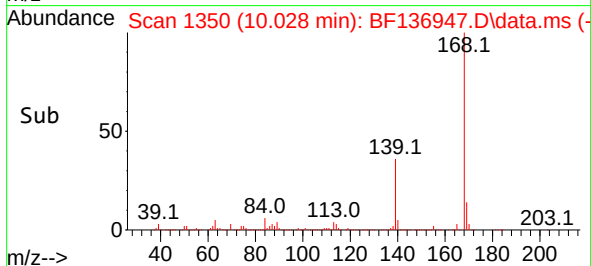
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:168 Resp: 41326
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.6 11.0 16.4

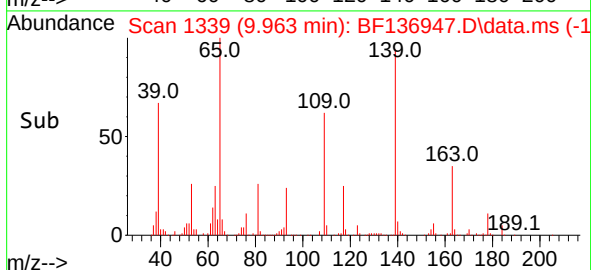
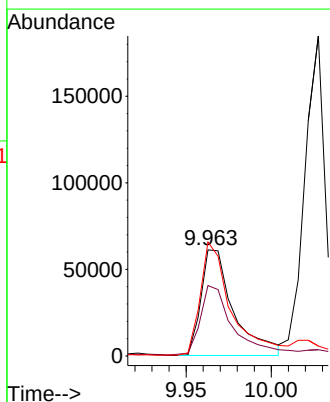
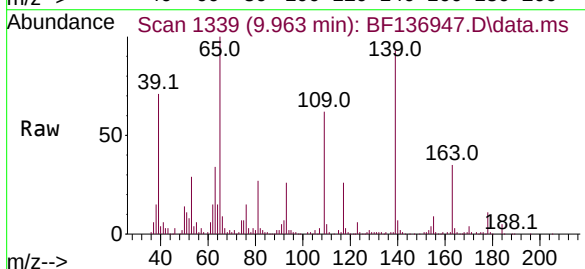
Manual Integrations
APPROVED

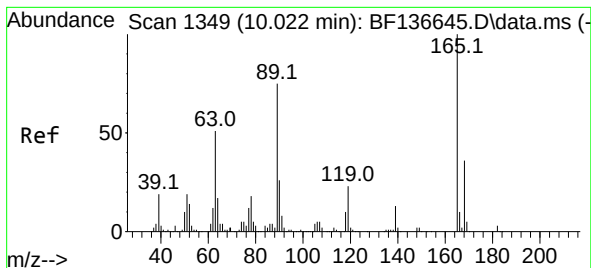
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#56
4-Nitrophenol
Concen: 68.334 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

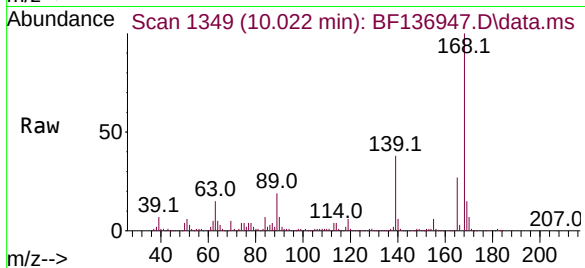
Tgt Ion:139 Resp: 81647
Ion Ratio Lower Upper
139 100
109 66.3 45.8 85.8
65 107.4 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 38.880 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

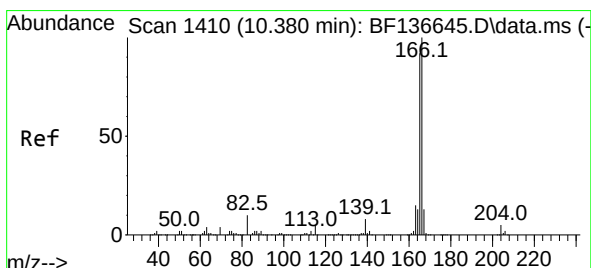
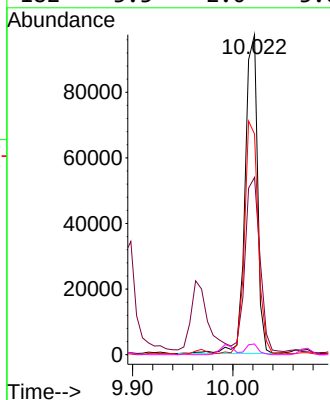
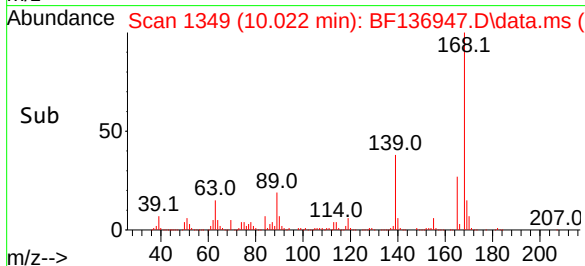
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



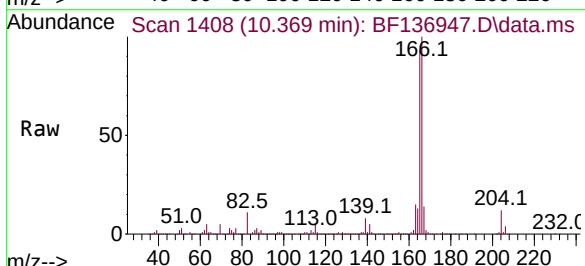
Tgt Ion:165 Resp: 84334
Ion Ratio Lower Upper
165 100
63 55.4 41.0 61.6
89 69.0 59.9 89.9
182 3.3 2.0 3.0#

Manual Integrations
APPROVED

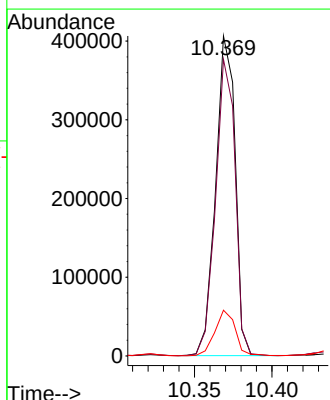
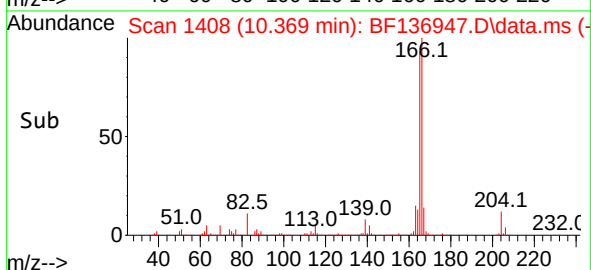
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

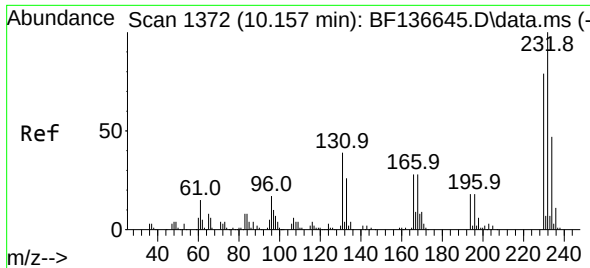


#58
Fluorene
Concen: 48.536 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



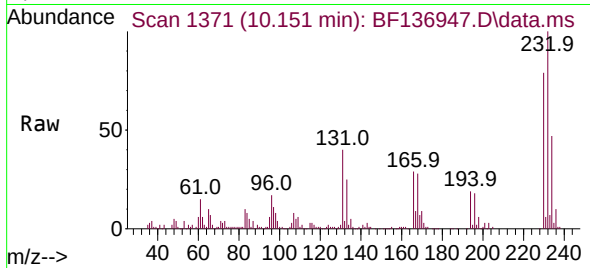
Tgt Ion:166 Resp: 355654
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 14.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.586 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

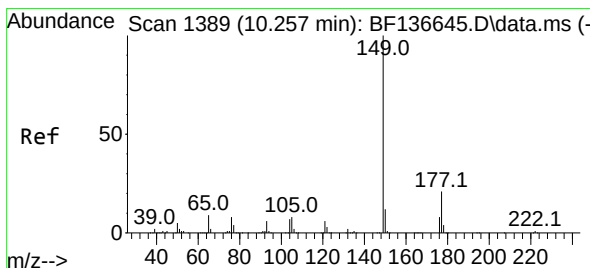
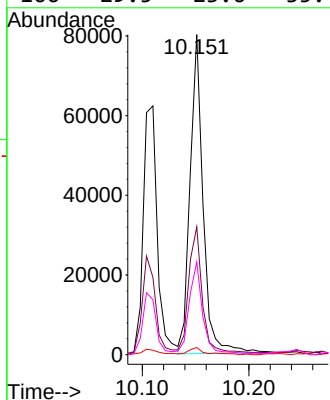
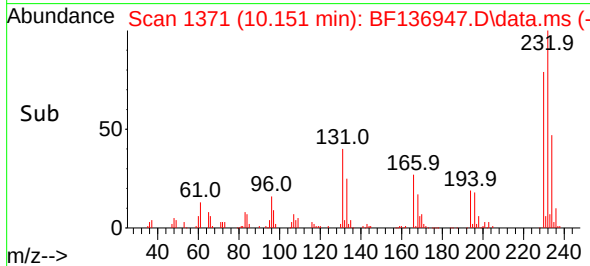
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:232 Resp: 6797
Ion Ratio Lower Upper
232 100
131 41.5 35.1 52.7
130 2.9 1.6 2.4
166 29.5 23.6 35.4

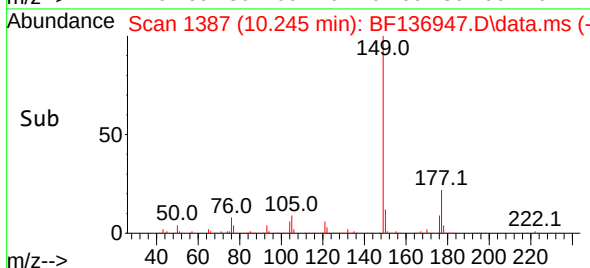
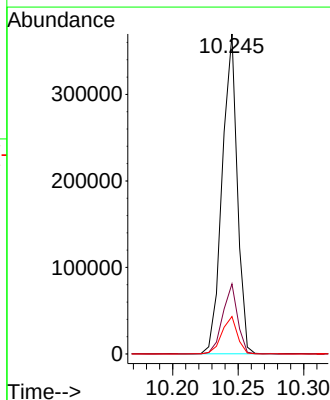
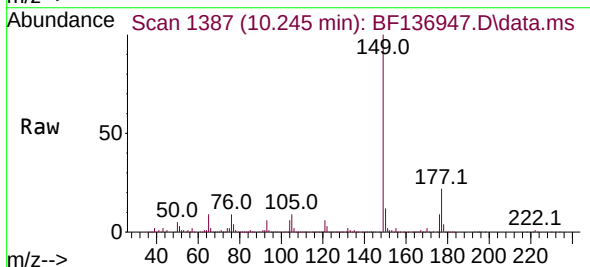
Manual Integrations
APPROVED

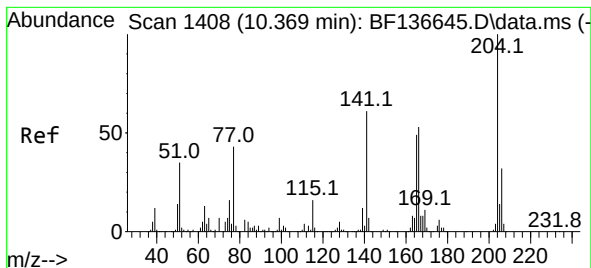
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#60
Diethylphthalate
Concen: 38.583 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

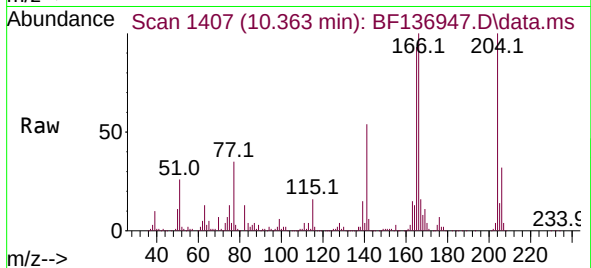
Tgt Ion:149 Resp: 294721
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 11.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.903 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

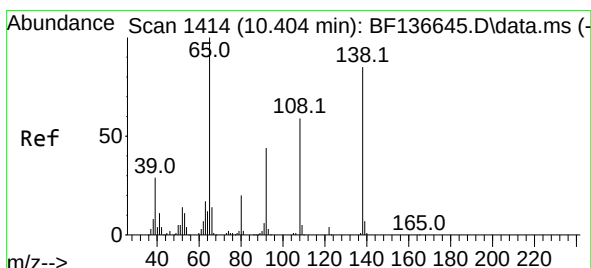
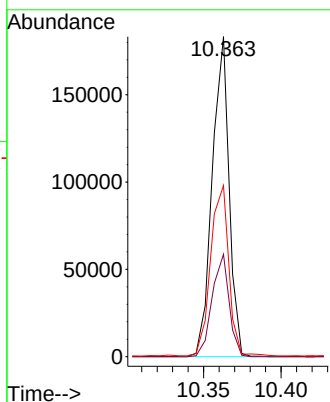
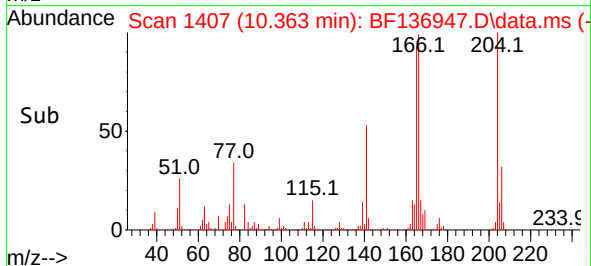
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:204 Resp: 138560
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 53.5 48.4 72.6

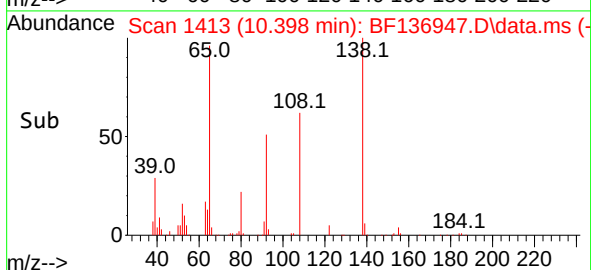
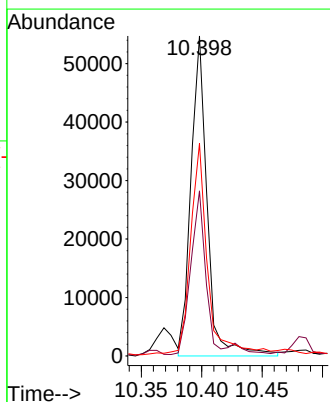
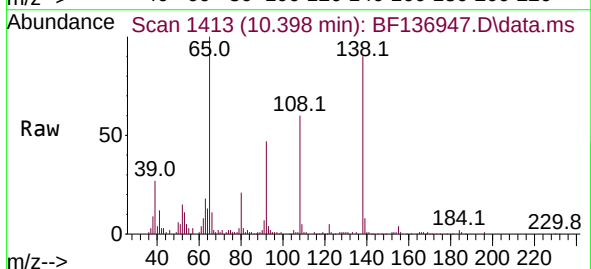
Manual Integrations
APPROVED

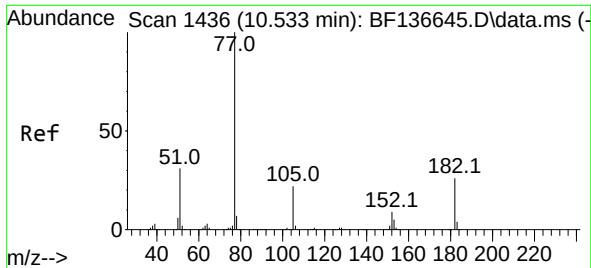
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#62
4-Nitroaniline
Concen: 30.136 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

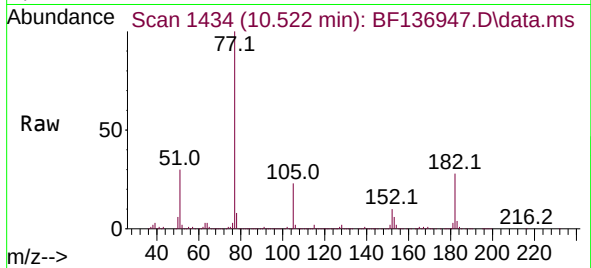
Tgt Ion:138 Resp: 51420
Ion Ratio Lower Upper
138 100
92 51.6 32.1 72.1
108 66.4 50.1 90.1





#63
Azobenzene
Concen: 36.916 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

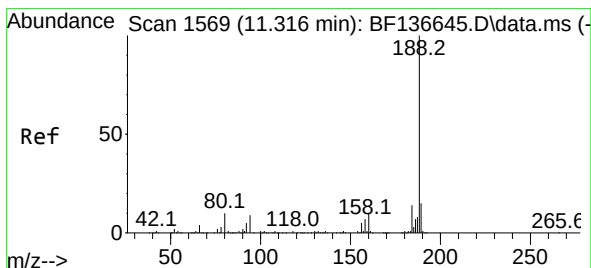
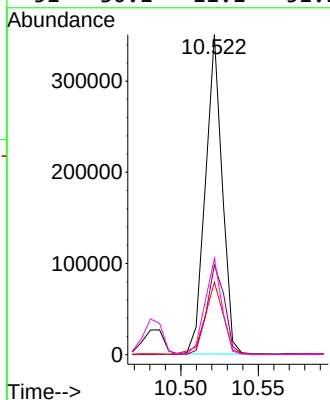
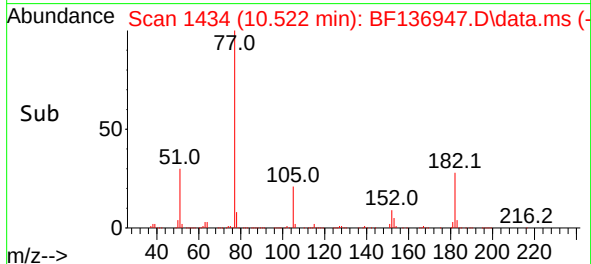
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



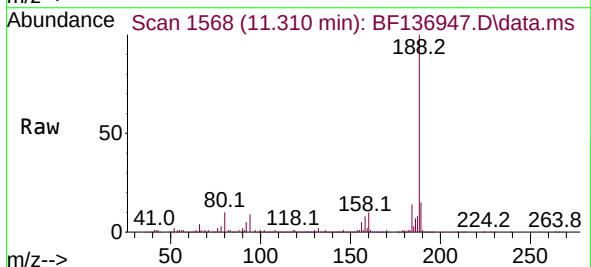
Tgt Ion: 77 Resp: 263370
Ion Ratio Lower Upper
77 100
182 28.0 6.0 46.0
105 22.6 2.3 42.3
51 30.1 11.1 51.1

Manual Integrations
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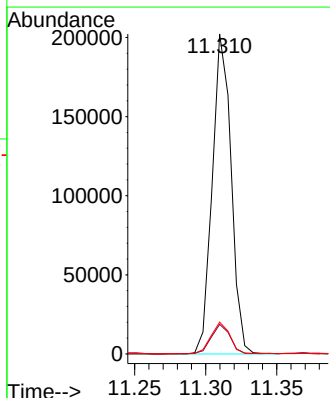
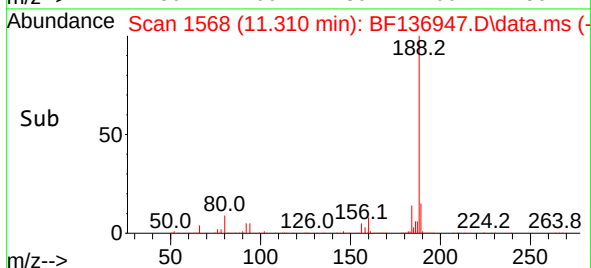
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

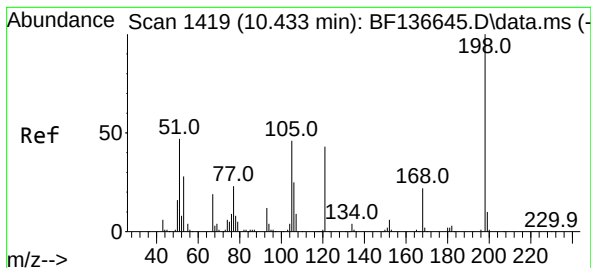


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



Tgt Ion:188 Resp: 186675
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.9 8.1 12.1





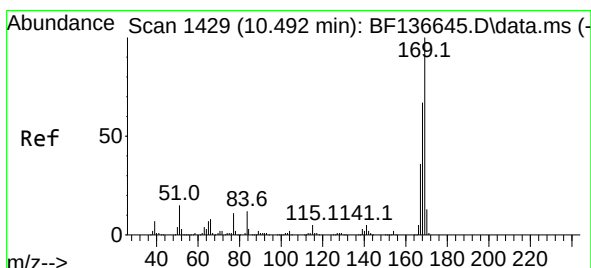
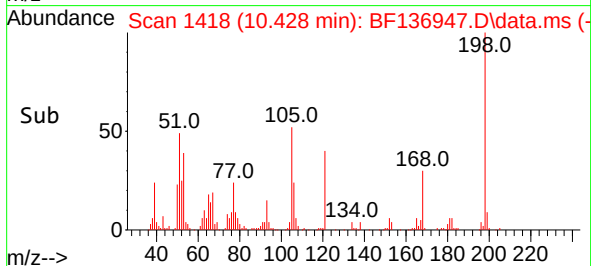
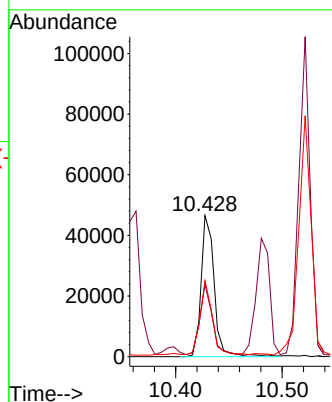
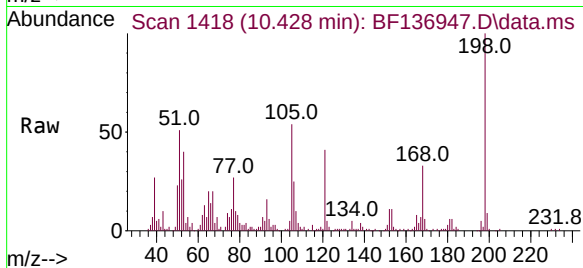
#65
4,6-Dinitro-2-methylphenol
Concen: 37.427 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

Tgt Ion:198 Resp: 4004
Ion Ratio Lower Upper
198 100
51 51.3 34.1 74.1
105 53.8 27.3 67.3

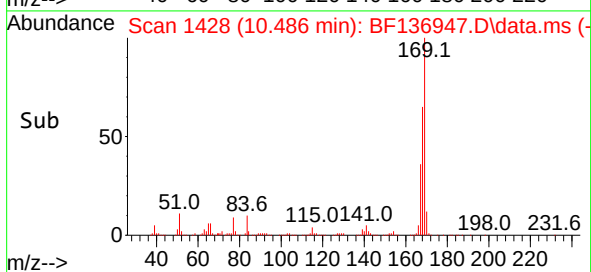
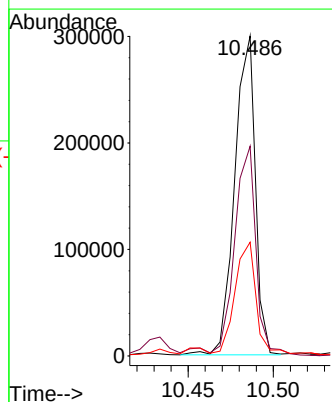
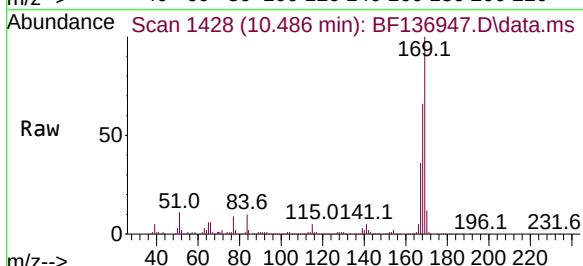
Manual Integrations
APPROVED

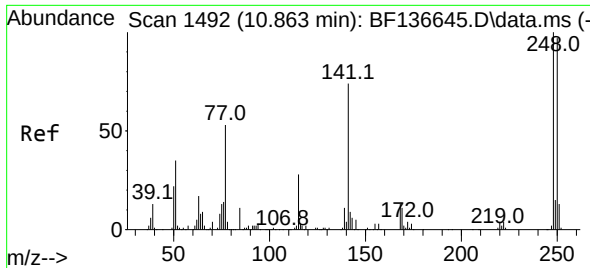
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#66
n-Nitrosodiphenylamine
Concen: 41.628 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

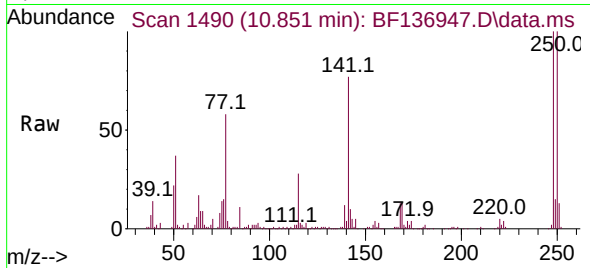
Tgt Ion:169 Resp: 252433
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.233 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

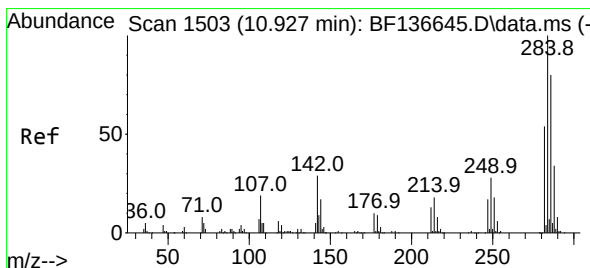
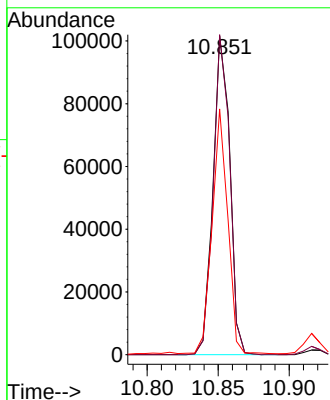
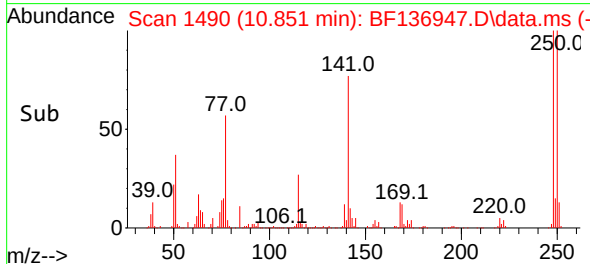
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



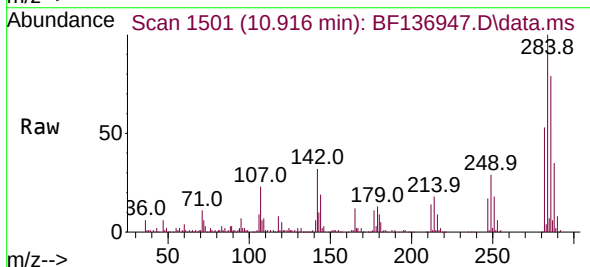
Tgt Ion:248 Resp: 83410
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 77.1 59.2 88.8

Manual Integrations
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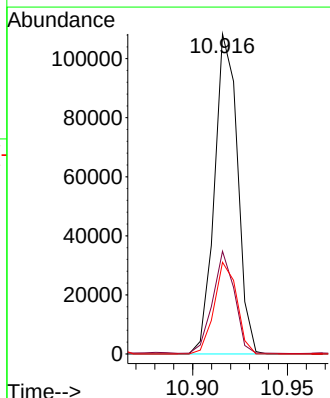
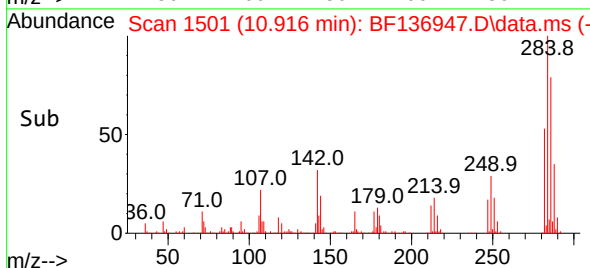
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

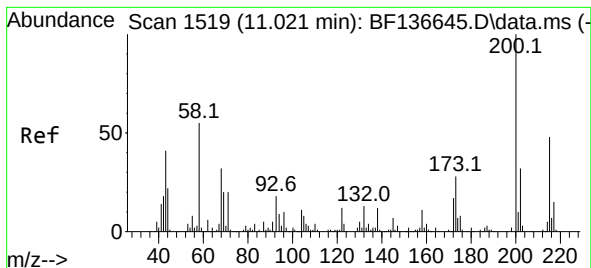


#68
Hexachlorobenzene
Concen: 39.742 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



Tgt Ion:284 Resp: 91818
Ion Ratio Lower Upper
284 100
142 32.1 23.4 35.0
249 28.7 22.3 33.5





#69

Atrazine

Concen: 51.594 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

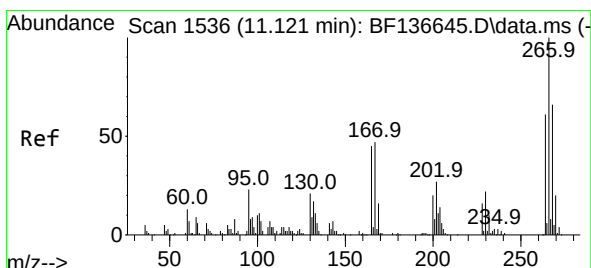
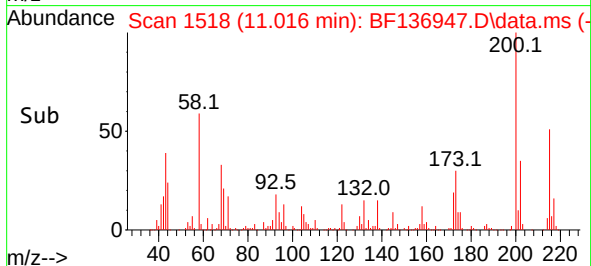
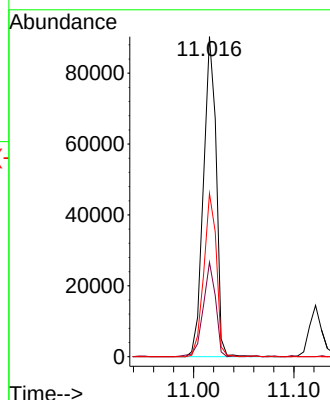
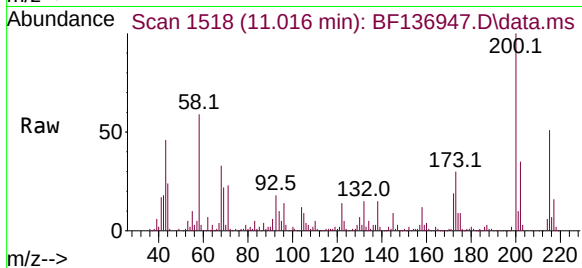
Tgt Ion:200 Resp: 80023
 Ion Ratio Lower Upper
 200 100
 173 29.5 7.6 47.6
 215 51.0 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#70

Pentachlorophenol

Concen: 68.620 ng

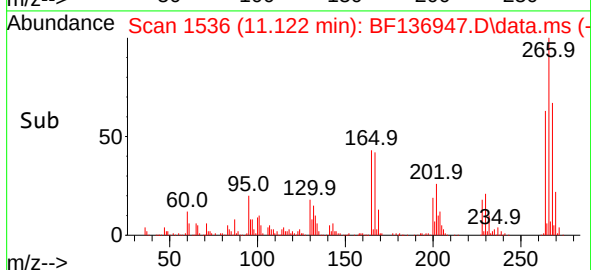
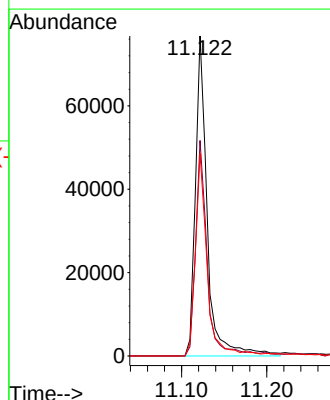
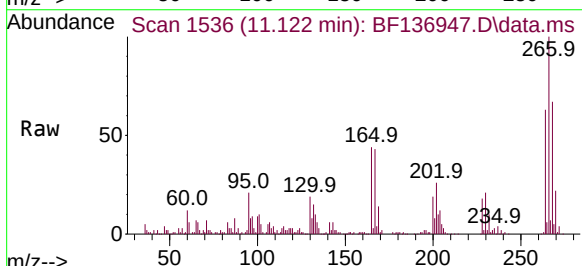
RT: 11.122 min Scan# 1536

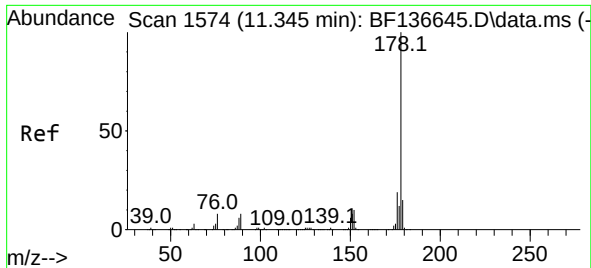
Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

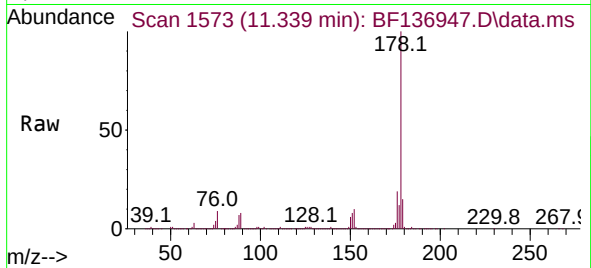
Tgt Ion:266 Resp: 73896
 Ion Ratio Lower Upper
 266 100
 268 67.3 52.6 78.8
 264 63.3 49.0 73.4





#71
Phenanthrene
Concen: 81.502 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

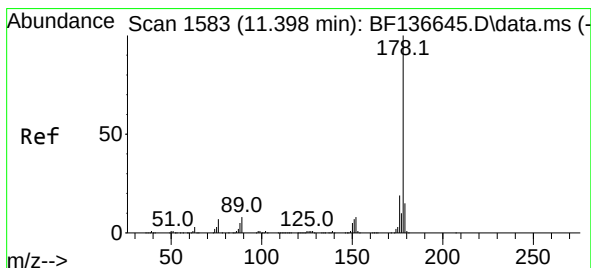
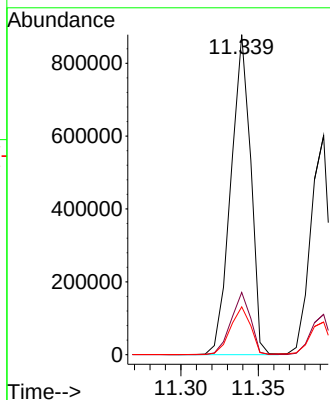
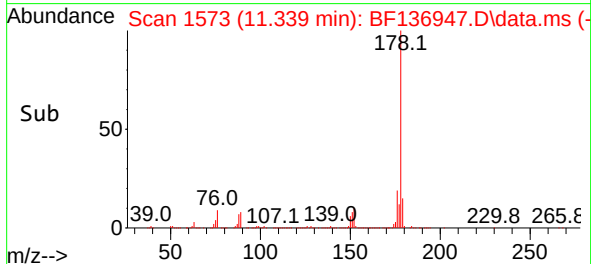
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:178 Resp: 78066
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 14.9 11.9 17.9

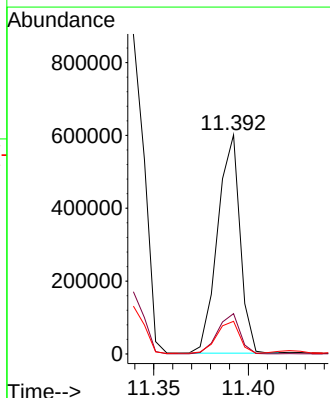
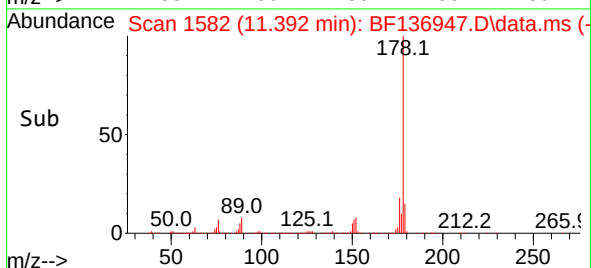
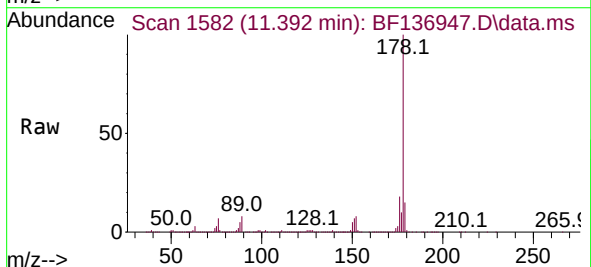
Manual Integrations
APPROVED

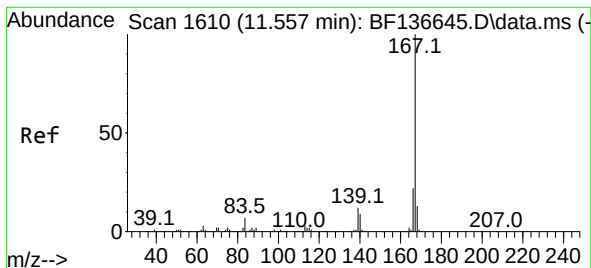
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#72
Anthracene
Concen: 50.968 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

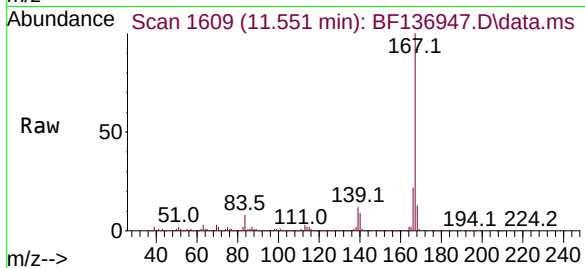
Tgt Ion:178 Resp: 494404
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 14.9 11.8 17.6





#73
 Carbazole
 Concen: 41.064 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

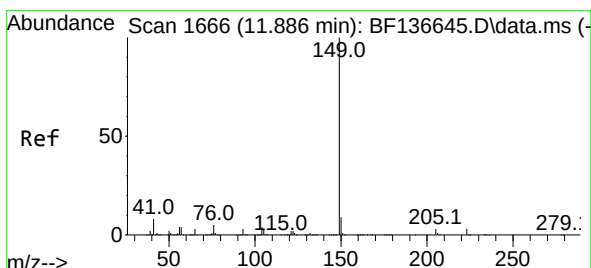
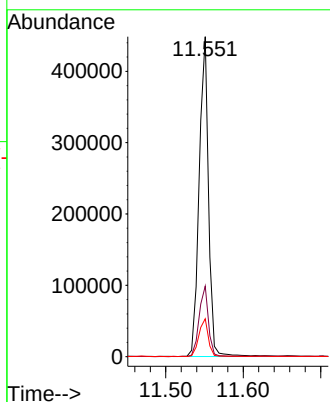
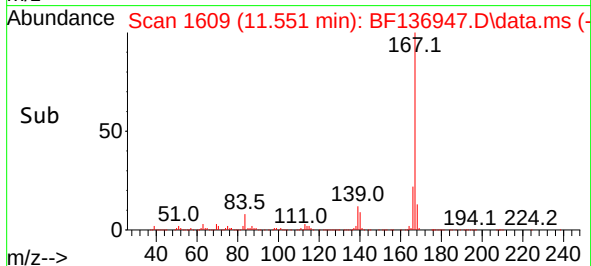
Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS



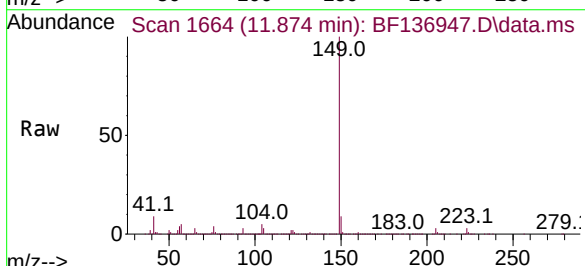
Tgt Ion:167 Resp: 375554
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 11.9 9.8 14.6

Manual Integrations
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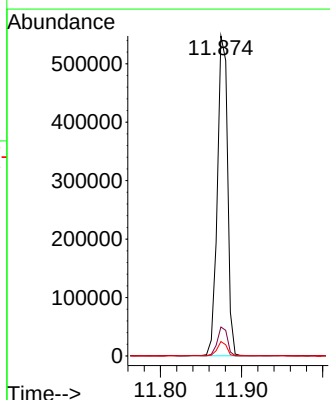
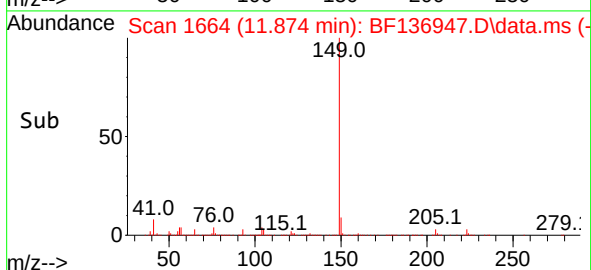
Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

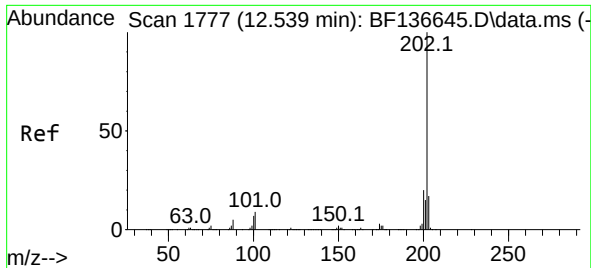


#74
 Di-n-butylphthalate
 Concen: 42.916 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41



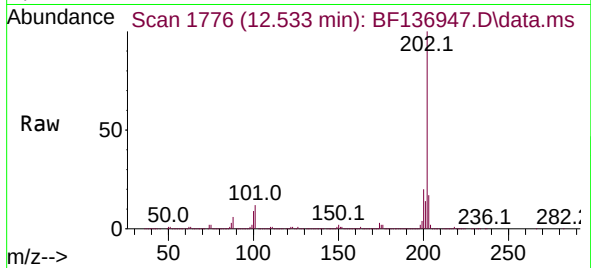
Tgt Ion:149 Resp: 478936
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 75.769 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

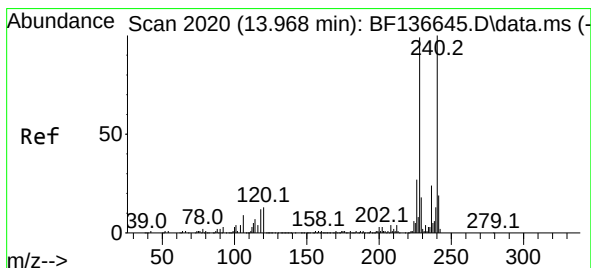
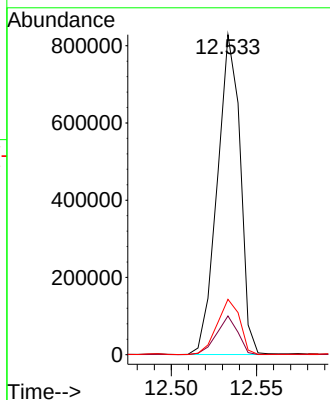
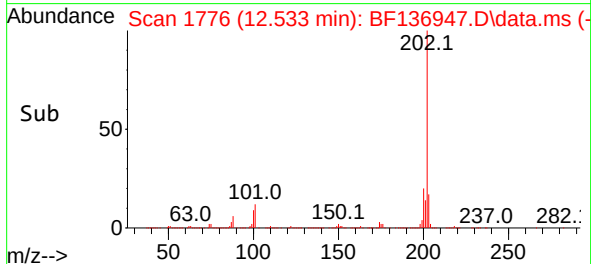
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:202 Resp: 776299
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.3
203 17.3 0.0 37.1

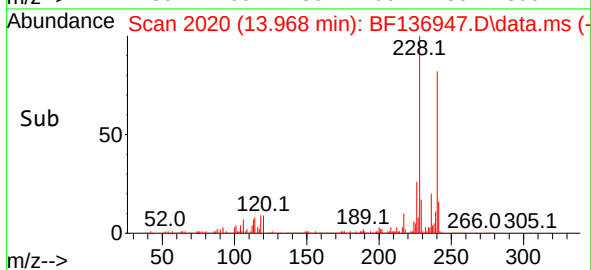
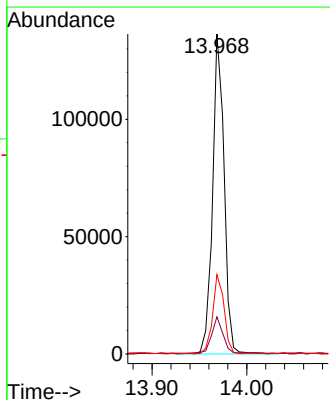
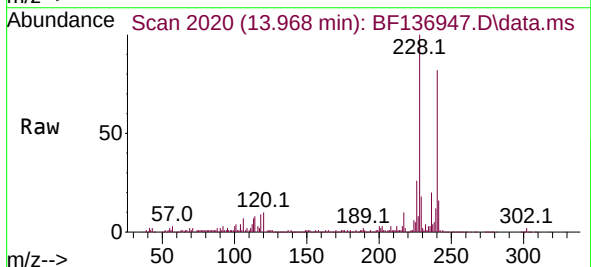
Manual Integrations
APPROVED

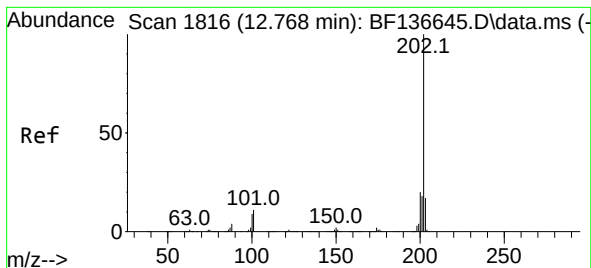
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:240 Resp: 115127
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 24.8 19.4 29.2





#78

Pyrene

Concen: 63.079 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

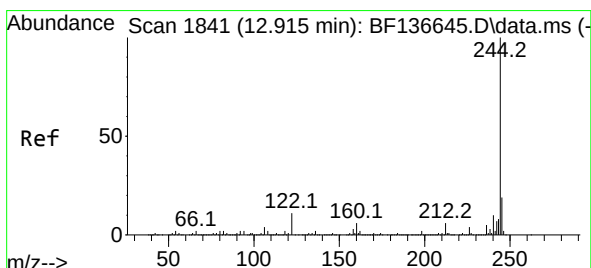
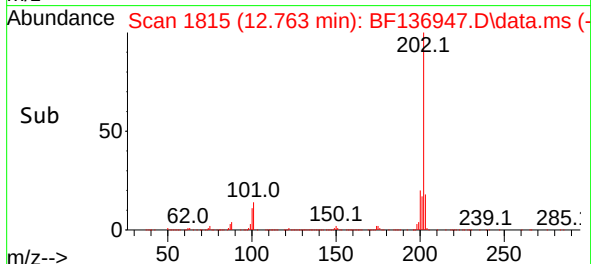
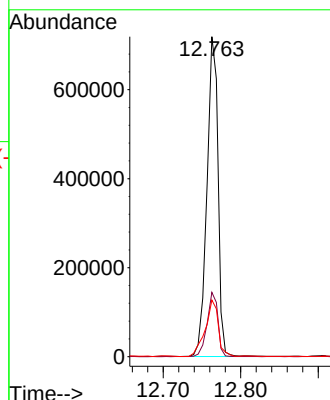
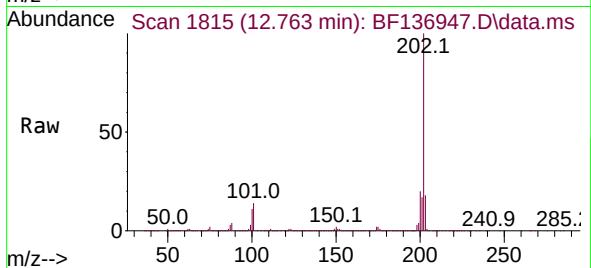
SB32-2-20231222-7.5-8.5MS

Tgt Ion:202 Resp: 712898
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.9 23.9
 203 17.7 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024



#79

Terphenyl-d14

Concen: 54.084 ng

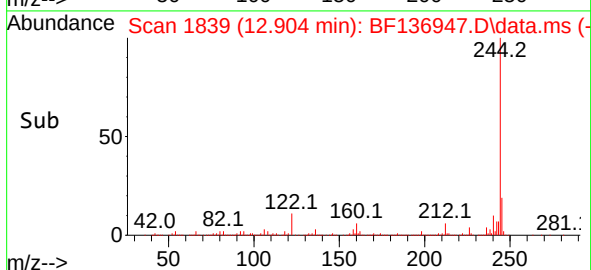
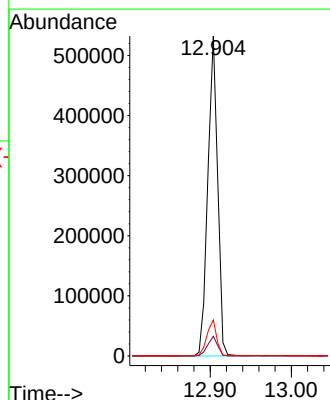
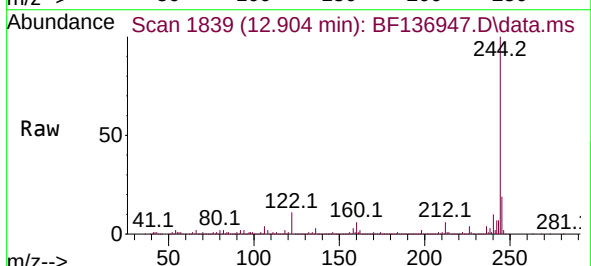
RT: 12.904 min Scan# 1839

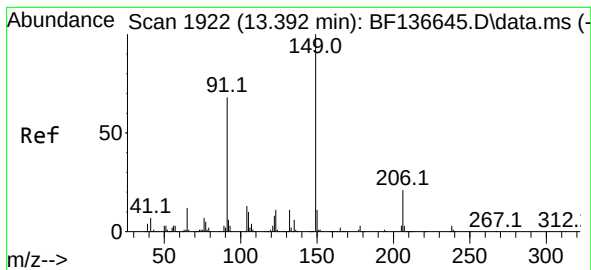
Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Tgt Ion:244 Resp: 445560
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.2 9.0 13.4





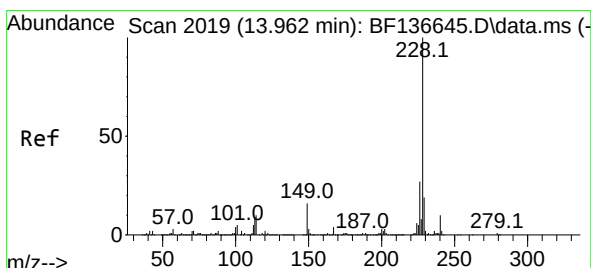
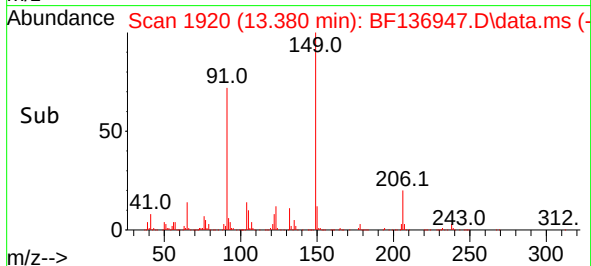
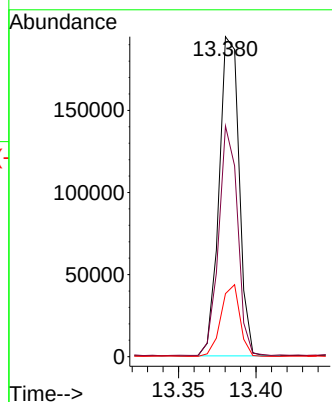
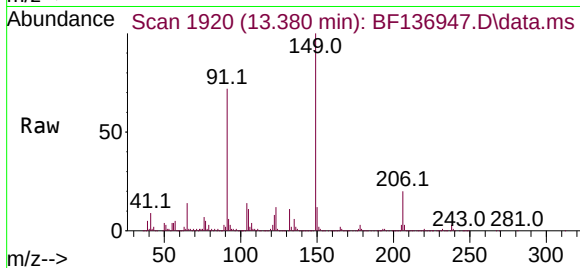
#80
Butylbenzylphthalate
Concen: 42.564 ng
RT: 13.380 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

Tgt Ion:149 Resp: 175039
Ion Ratio Lower Upper
149 100
91 72.1 54.1 81.1
206 19.7 17.1 25.7

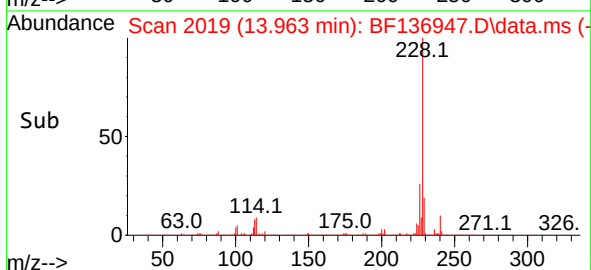
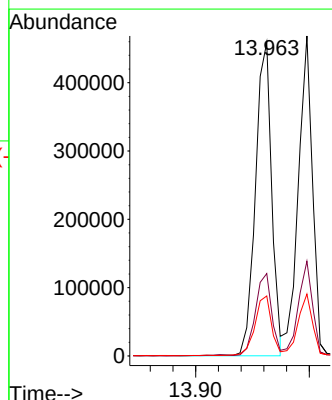
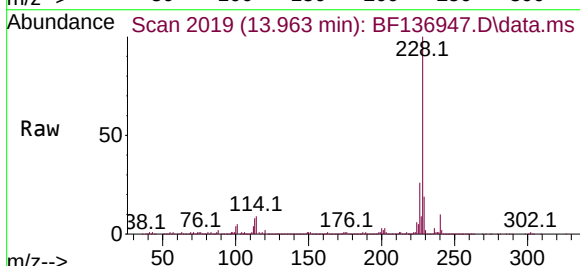
Manual Integrations
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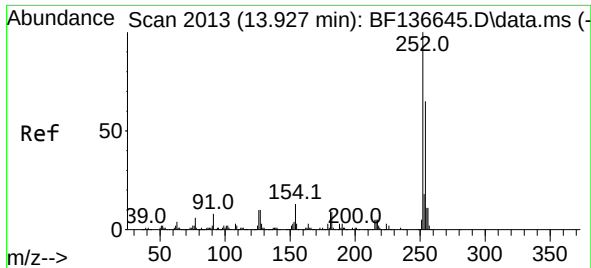
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#81
Benzo(a)anthracene
Concen: 56.941 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:228 Resp: 455199
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 19.2 14.9 22.3





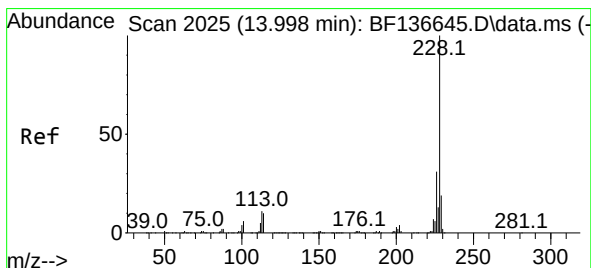
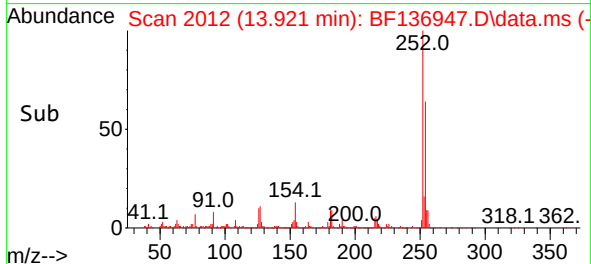
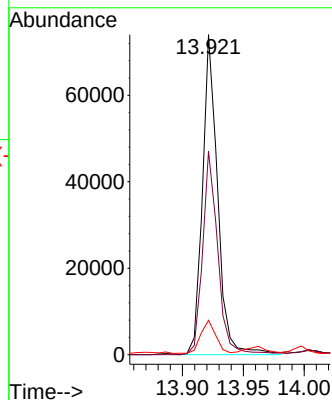
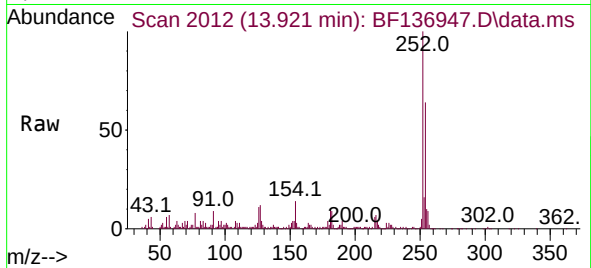
#82
3,3'-Dichlorobenzidine
Concen: 28.208 ng
RT: 13.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

Tgt Ion:252 Resp: 64040
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.4
126 10.8 8.0 12.0

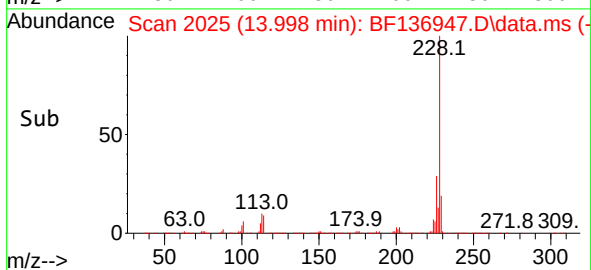
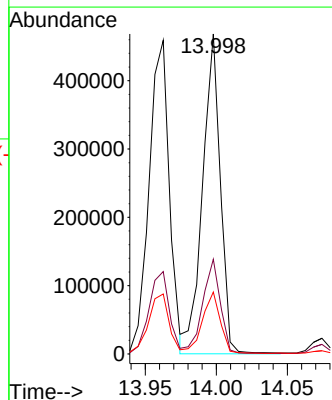
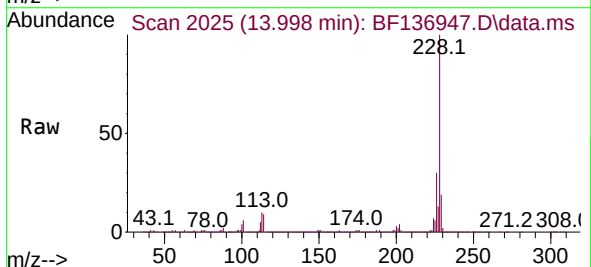
Manual Integrations
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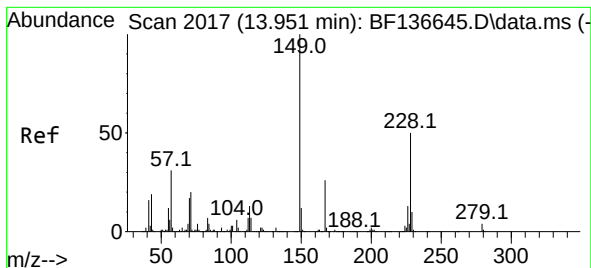
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#83
Chrysene
Concen: 52.202 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

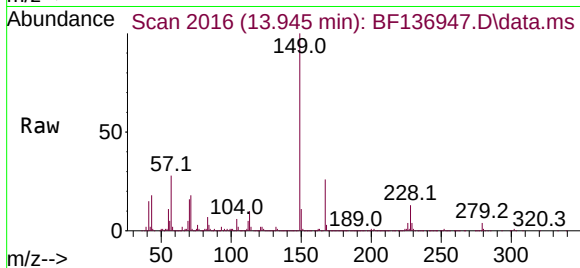
Tgt Ion:228 Resp: 408096
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 19.4 15.4 23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 49.597 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

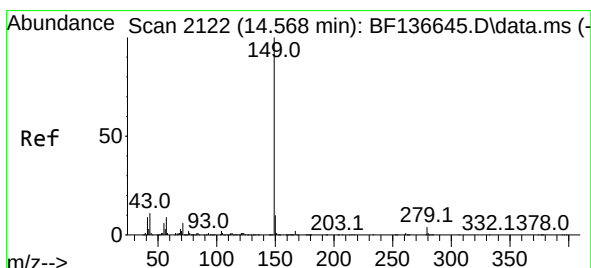
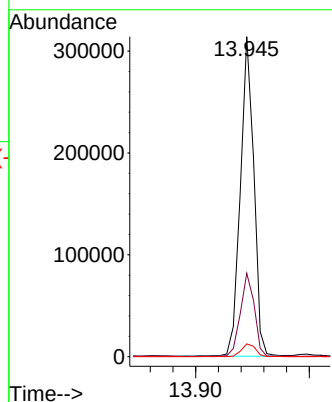
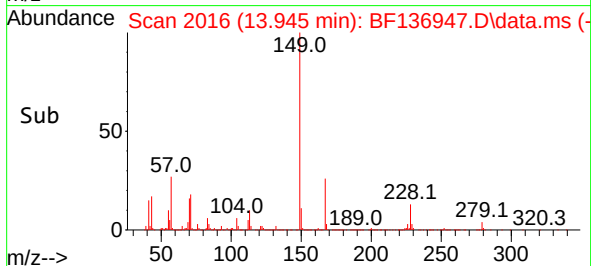
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:149 Resp: 256619
Ion Ratio Lower Upper
149 100
167 26.1 20.9 31.3
279 4.0 2.9 4.3

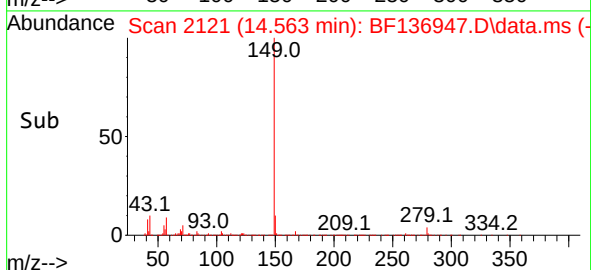
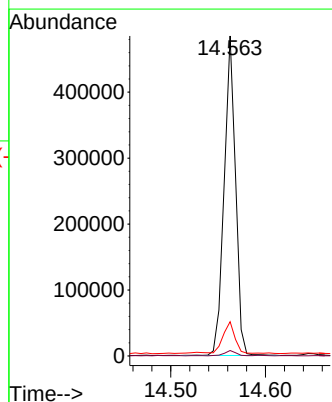
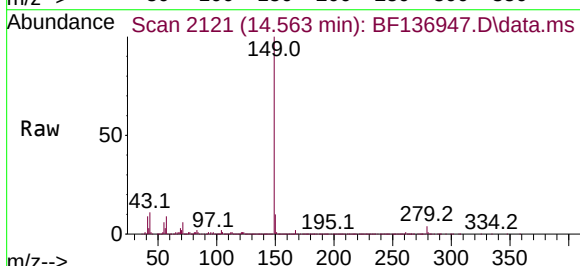
Manual Integrations
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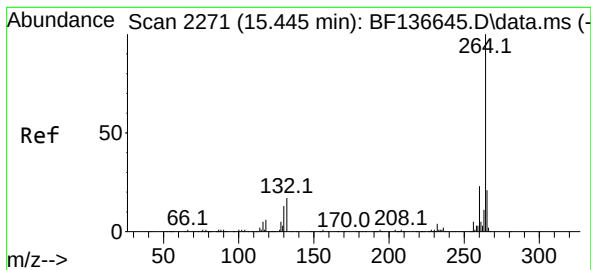
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#85
Di-n-octyl phthalate
Concen: 50.918 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

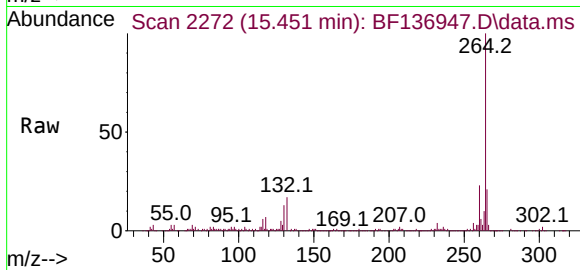
Tgt Ion:149 Resp: 407521
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 8.9 13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

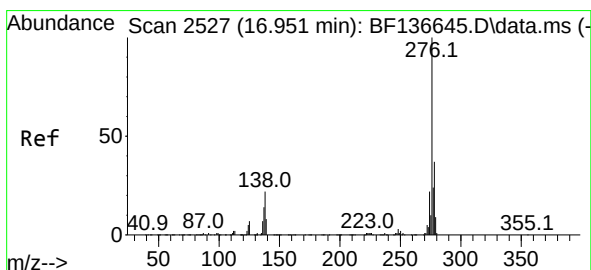
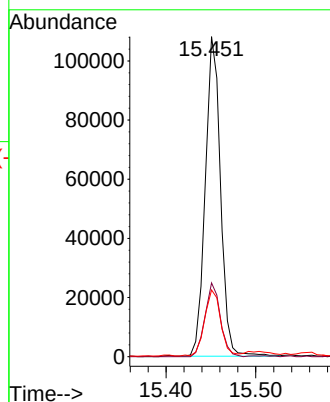
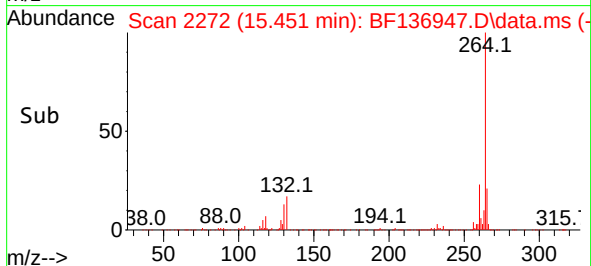
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:264 Resp: 127289
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 20.9 17.0 25.6

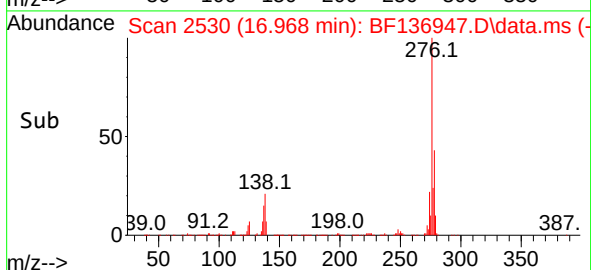
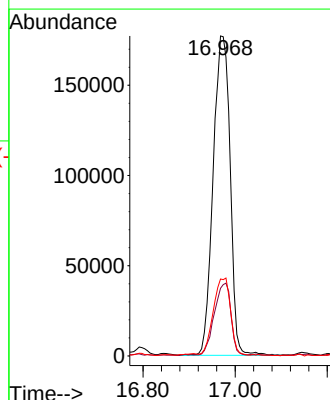
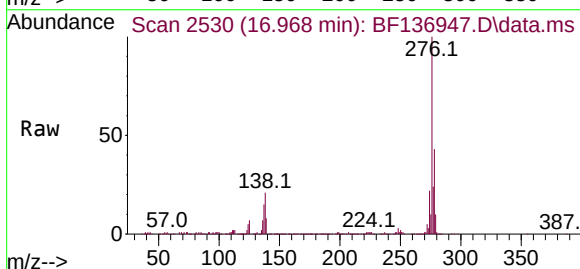
Manual Integrations
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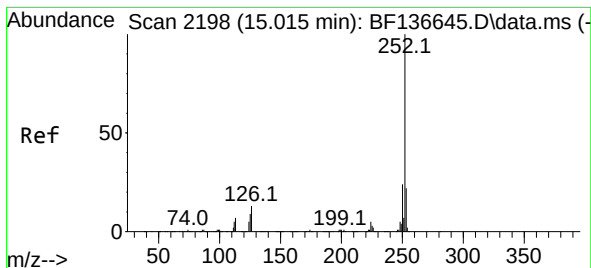
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 49.277 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

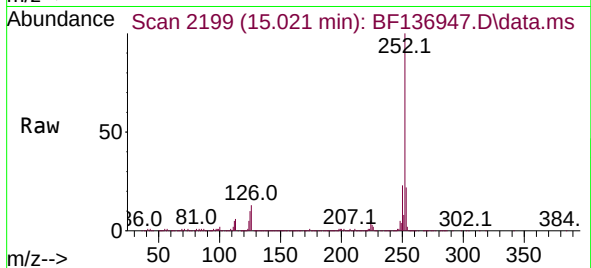
Tgt Ion:276 Resp: 452875
Ion Ratio Lower Upper
276 100
138 21.8 18.7 28.1
277 24.3 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 51.671 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

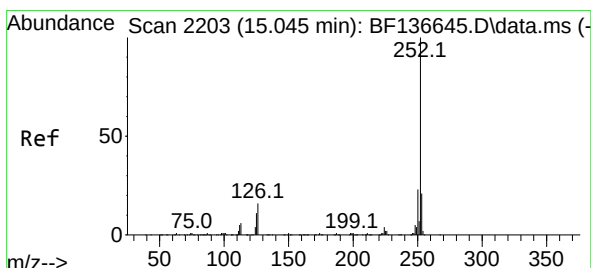
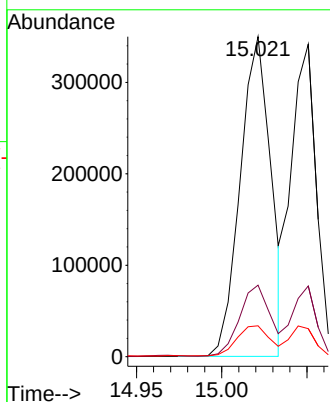
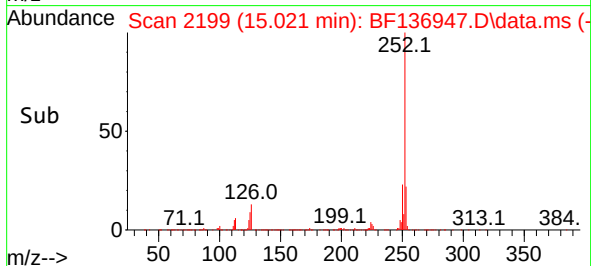
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:252 Resp: 439297
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 7.4 11.2

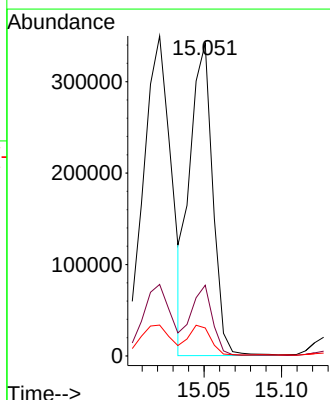
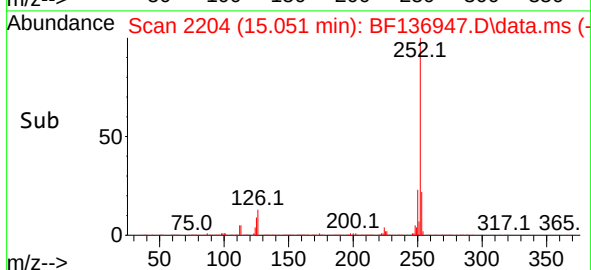
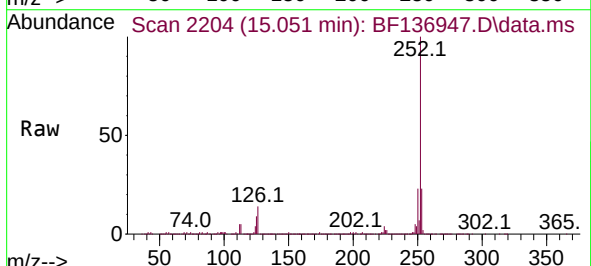
Manual Integrations
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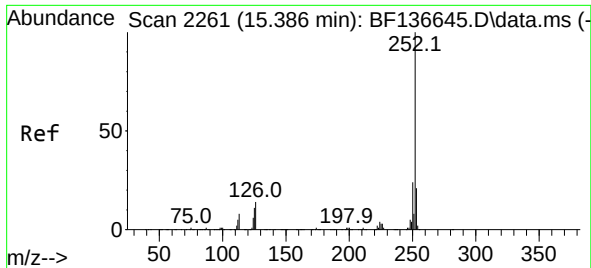
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#89
Benzo(k)fluoranthene
Concen: 43.564 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

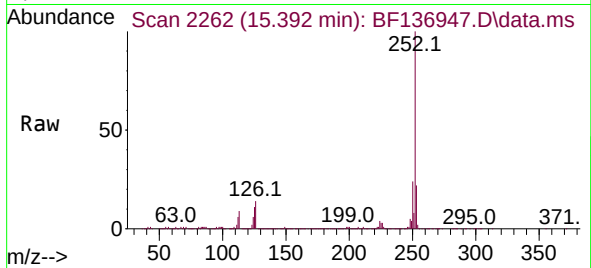
Tgt Ion:252 Resp: 349963
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.0 8.2 12.4





#90
Benzo(a)pyrene
Concen: 52.944 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

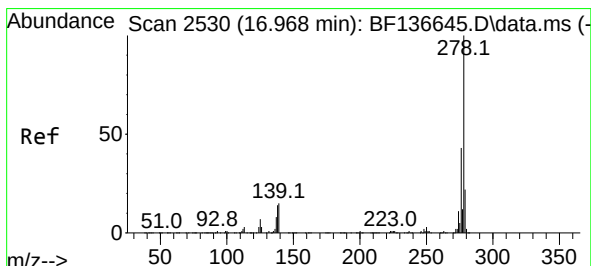
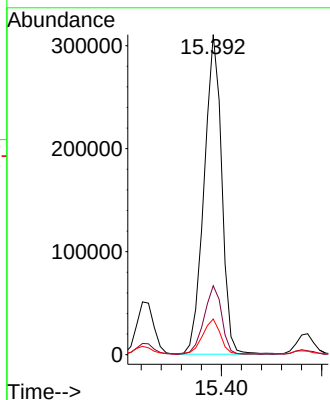
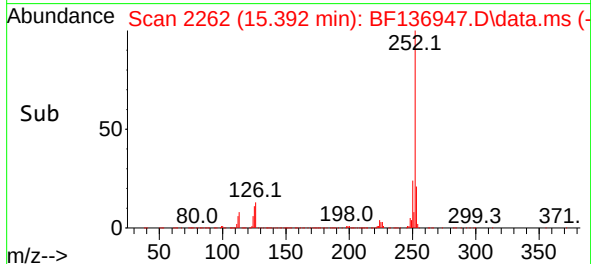
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



Tgt Ion:252 Resp: 37994
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.1 8.8 13.2

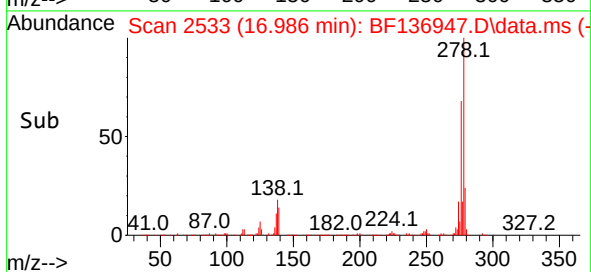
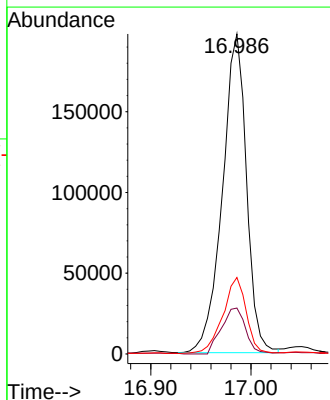
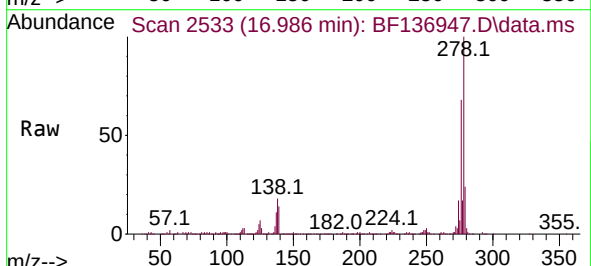
Manual Integrations
APPROVED

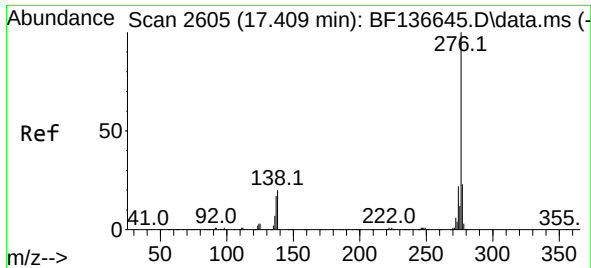
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#91
Dibenzo(a,h)anthracene
Concen: 43.712 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

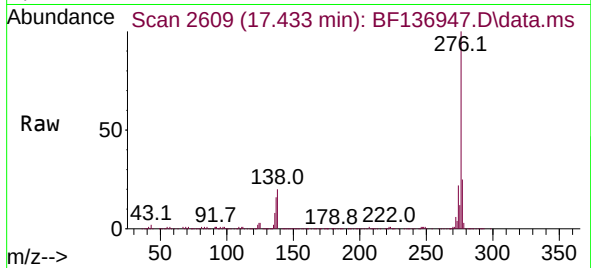
Tgt Ion:278 Resp: 329585
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 23.9 17.8 26.6





#92
 Benzo(g,h,i)perylene
 Concen: 46.121 ng
 RT: 17.433 min Scan# 209
 Delta R.T. 0.024 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS



Tgt Ion:276 Resp: 35616
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.3 27.5
 138 19.6 15.6 23.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

