

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136971.D
 Acq On : 05 Jan 2024 12:44
 Operator : CG\JU
 Sample : P1005-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 13:35:39 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	62110	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	243405	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	118472	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	217580	20.000	ng	0.00
76) Chrysene-d12	13.974	240	126089	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	141515	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	361092	90.711	ng	0.01
7) Phenol-d6	6.439	99	456745	88.551	ng	0.00
23) Nitrobenzene-d5	7.351	82	288726	60.699	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	129808	93.034	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	574547	65.227	ng	-0.01
79) Terphenyl-d14	12.904	244	540483	59.903	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	67685	40.809	ng	97
3) Pyridine	3.375	79	158797	39.240	ng	94
4) n-Nitrosodimethylamine	3.346	42	85843	39.723	ng	94
6) Aniline	6.451	93	93545	18.139	ng	# 1
8) 2-Chlorophenol	6.575	128	189945	43.603	ng	97
9) Benzaldehyde	6.339	77	33282	11.344	ng	99
10) Phenol	6.451	94	224381	40.751	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	174103	41.578	ng	98
12) 1,3-Dichlorobenzene	6.728	146	198079	41.682	ng	95
13) 1,4-Dichlorobenzene	6.804	146	203284	41.866	ng	97
14) 1,2-Dichlorobenzene	6.951	146	188556	41.732	ng	99
15) Benzyl Alcohol	6.934	79	149516	42.967	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	272305	39.775	ng	57
17) 2-Methylphenol	7.051	107	146402	40.568	ng	94
18) Hexachloroethane	7.286	117	71752	40.689	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	130065	41.598	ng	100
20) 3+4-Methylphenols	7.204	107	191812	42.544	ng	# 60
22) Acetophenone	7.192	105	265994	43.599	ng	# 88
24) Nitrobenzene	7.369	77	187642	39.380	ng	95
25) Isophorone	7.604	82	349324	40.360	ng	99
26) 2-Nitrophenol	7.681	139	98749	43.315	ng	95
27) 2,4-Dimethylphenol	7.728	122	141471	50.972	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	215023	40.870	ng	99
29) 2,4-Dichlorophenol	7.928	162	150523	42.126	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	165875	41.664	ng	99
31) Naphthalene	8.086	128	547588	40.950	ng	99
32) Benzoic acid	7.869	122	107877	40.171	ng	96
33) 4-Chloroaniline	8.139	127	25844	5.235	ng	94
34) Hexachlorobutadiene	8.192	225	97282	40.218	ng	98
35) Caprolactam	8.516	113	49338m	41.855	ng	
36) 4-Chloro-3-methylphenol	8.639	107	159263	39.592	ng	96
37) 2-Methylnaphthalene	8.775	142	347444	40.373	ng	99
38) 1-Methylnaphthalene	8.875	142	333125	39.456	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	171160	46.650	ng	99
41) Hexachlorocyclopentadiene	8.922	237	108232	91.752	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	103761	44.097	ng	99

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 Supervised By :mohammad ahmed 01/06/2024

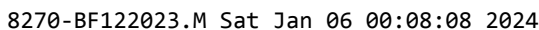
Quant Time: Jan 05 13:35:39 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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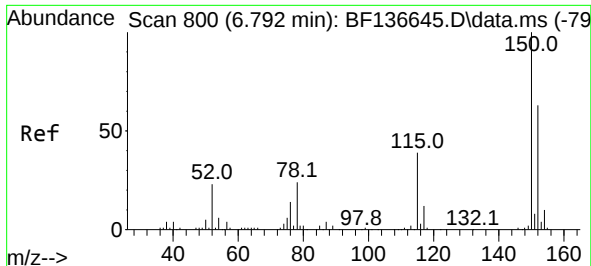
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	110356	42.087	ng	97
46) 1,1'-Biphenyl	9.239	154	451148	45.380	ng	98
47) 2-Chloronaphthalene	9.269	162	327407	43.321	ng	96
48) 2-Nitroaniline	9.369	65	99887	42.205	ng	99
49) Acenaphthylene	9.680	152	538562	46.621	ng	99
50) Dimethylphthalate	9.545	163	370476	42.812	ng	100
51) 2,6-Dinitrotoluene	9.616	165	82378	41.946	ng	100
52) Acenaphthene	9.857	154	301676	42.129	ng	100
53) 3-Nitroaniline	9.786	138	37010	17.790	ng	90
54) 2,4-Dinitrophenol	9.904	184	75772	70.100	ng	96
55) Dibenzofuran	10.027	168	464771	42.817	ng	100
56) 4-Nitrophenol	9.969	139	91963	65.482	ng	95
57) 2,4-Dinitrotoluene	10.022	165	101739	39.905	ng	94
58) Fluorene	10.374	166	369732	42.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	87252	43.228	ng	96
60) Diethylphthalate	10.245	149	368976	41.095	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	175318	41.878	ng	98
62) 4-Nitroaniline	10.404	138	77416	38.601	ng	93
63) Azobenzene	10.527	77	344020	41.023	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	50429	40.442	ng	99
66) n-Nitrosodiphenylamine	10.486	169	319359	45.184	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	107167	44.350	ng	93
68) Hexachlorobenzene	10.922	284	117217	43.529	ng	100
69) Atrazine	11.022	200	99868	55.243	ng	99
70) Pentachlorophenol	11.127	266	88407	70.434	ng	97
71) Phenanthrene	11.339	178	520602	46.631	ng	100
72) Anthracene	11.392	178	524436	46.384	ng	99
73) Carbazole	11.551	167	453538	42.547	ng	99
74) Di-n-butylphthalate	11.880	149	573808	44.113	ng	99
75) Fluoranthene	12.533	202	529491	44.339	ng	97
77) Benzidine	12.663	184	138568	37.271	ng	99
78) Pyrene	12.763	202	522521	42.215	ng	100
80) Butylbenzylphthalate	13.386	149	201262	44.686	ng	97
81) Benzo(a)anthracene	13.963	228	398350	45.497	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	64742	26.038	ng	99
83) Chrysene	13.998	228	367473	42.919	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	279104	49.253	ng	99
85) Di-n-octyl phthalate	14.562	149	439650	50.156	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	478000	46.782	ng	99
88) Benzo(b)fluoranthene	15.021	252	401893	42.520	ng	98
89) Benzo(k)fluoranthene	15.051	252	333299	37.319	ng	98
90) Benzo(a)pyrene	15.398	252	346024	43.370	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	386683	46.130	ng	97
92) Benzo(g,h,i)perylene	17.439	276	395440	46.059	ng	99

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

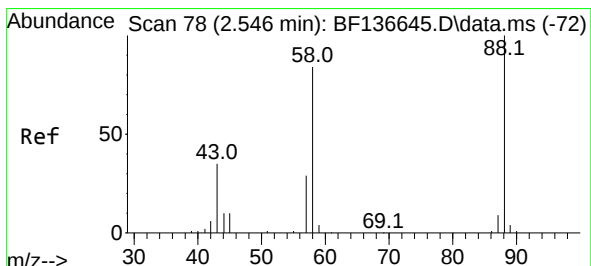
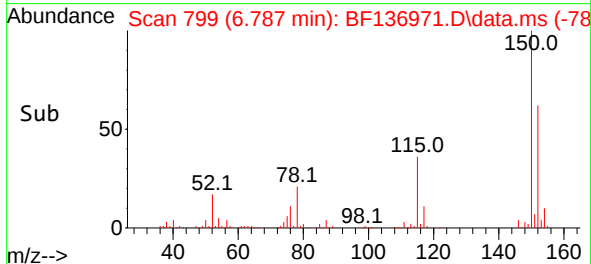
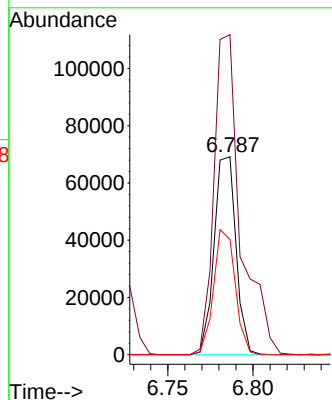
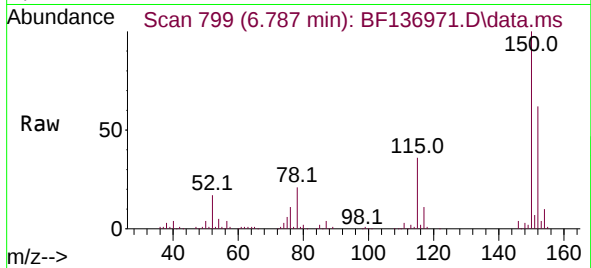
RBR200030MS

Tgt Ion:152 Resp: 62110
Ion Ratio Lower Upper
152 100
150 161.7 127.0 190.6
115 58.2 49.0 73.4

Manual Integrations

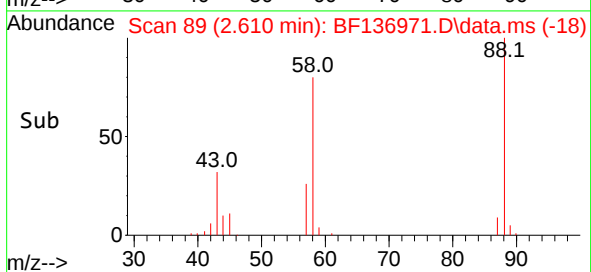
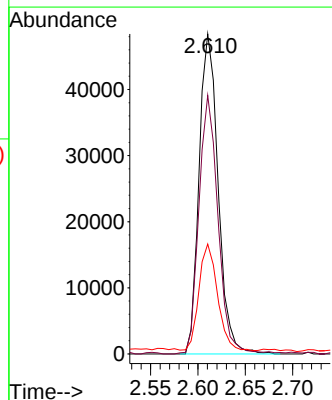
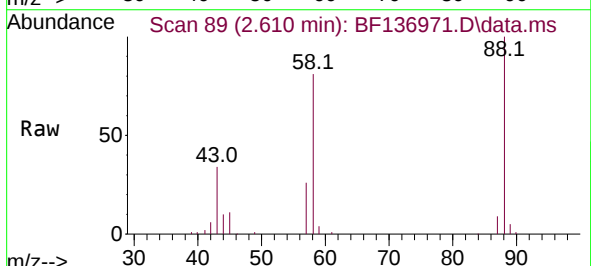
APPROVED

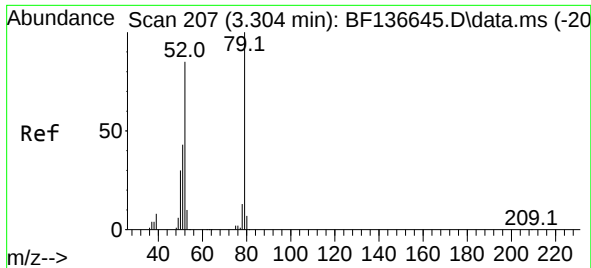
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#2
1,4-Dioxane
Concen: 40.809 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.065 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

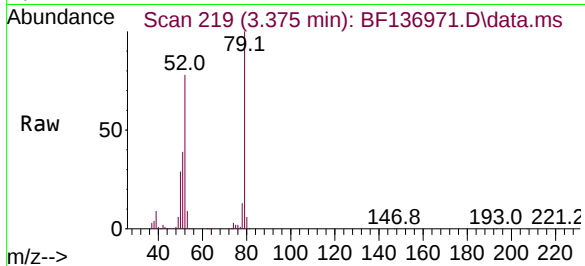
Tgt Ion: 88 Resp: 67685
Ion Ratio Lower Upper
88 100
58 81.1 67.4 101.0
43 32.8 27.7 41.5





#3
Pyridine
Concen: 39.240 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

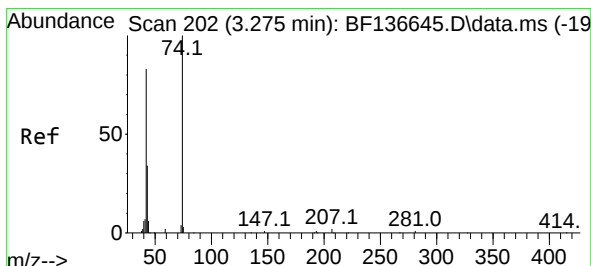
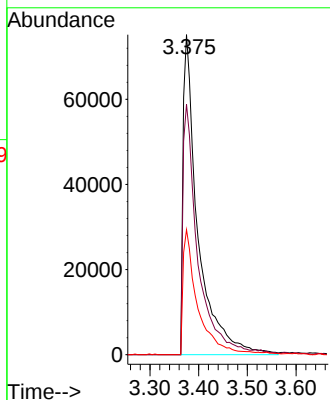
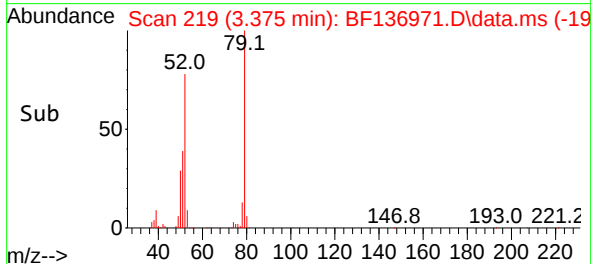
Instrument :
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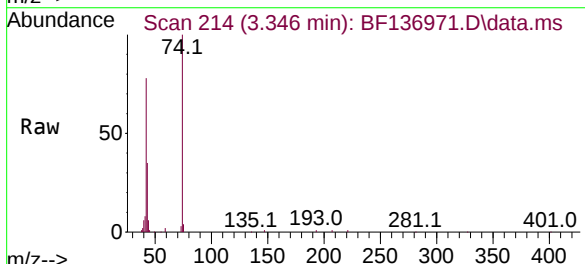
Tgt Ion: 79 Resp: 15879
Ion Ratio Lower Upper
79 100
52 78.3 67.7 101.5
51 39.0 34.0 51.0

Manual Integrations
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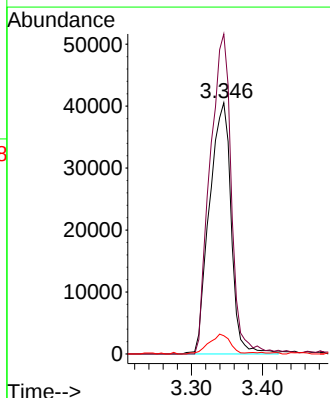
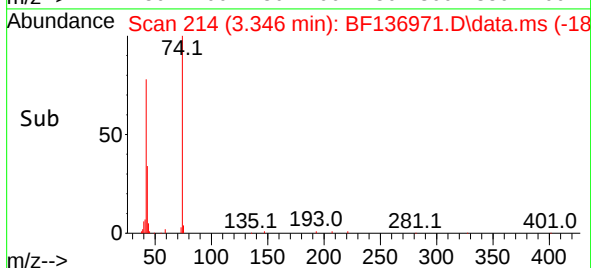
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#4
n-Nitrosodimethylamine
Concen: 39.723 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion: 42 Resp: 85843
Ion Ratio Lower Upper
42 100
74 127.4 96.0 144.0
44 7.2 5.4 8.2





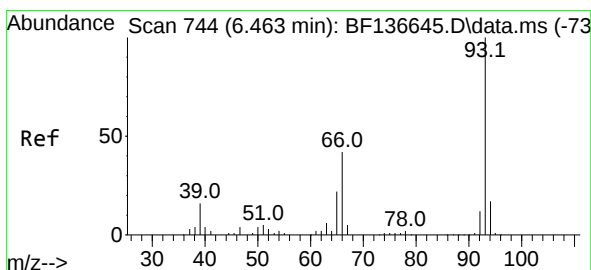
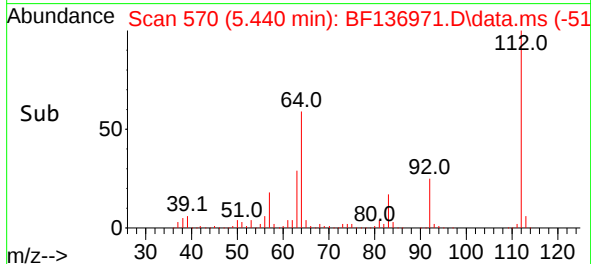
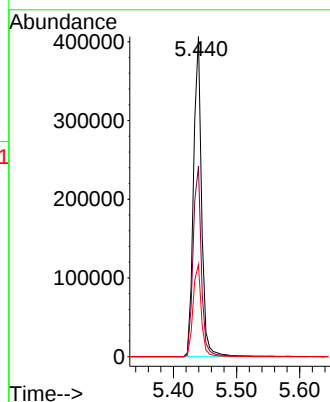
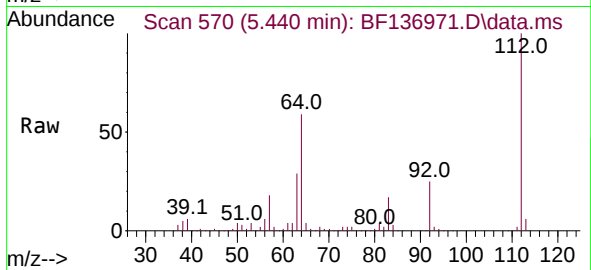
#5
2-Fluorophenol
Concen: 90.711 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:112 Resp: 361092
Ion Ratio Lower Upper
112 100
64 59.4 51.1 76.7
63 28.8 26.1 39.1

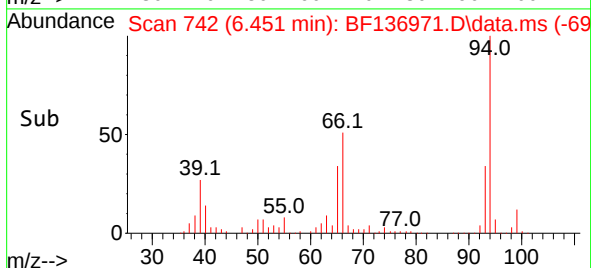
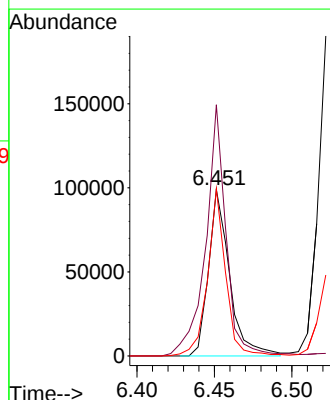
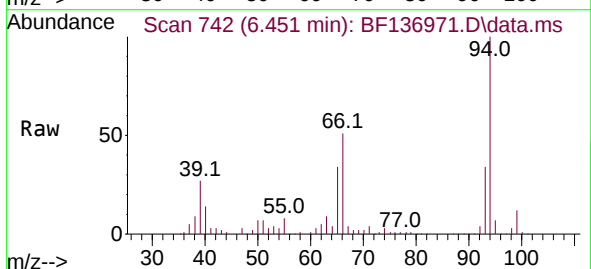
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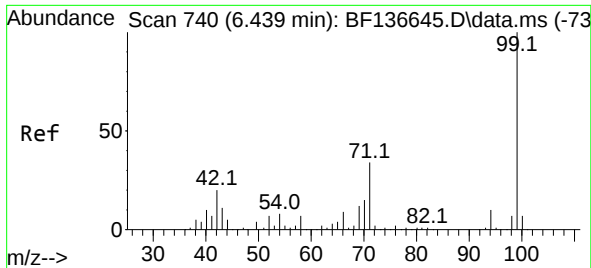
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#6
Aniline
Concen: 18.139 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

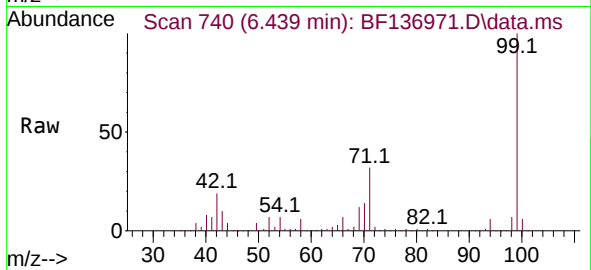
Tgt Ion: 93 Resp: 93545
Ion Ratio Lower Upper
93 100
66 151.0 34.6 51.8#
65 100.5 17.8 26.8#





#7
Phenol-d6
Concen: 88.551 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

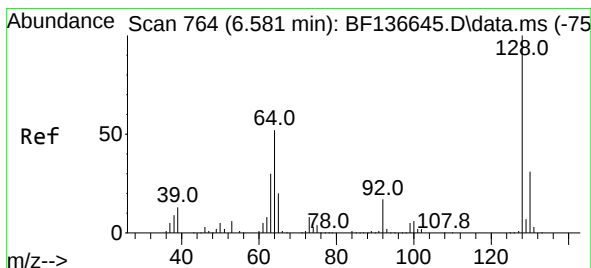
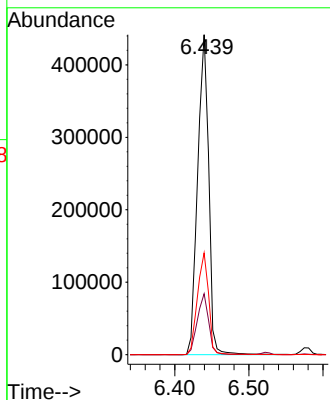
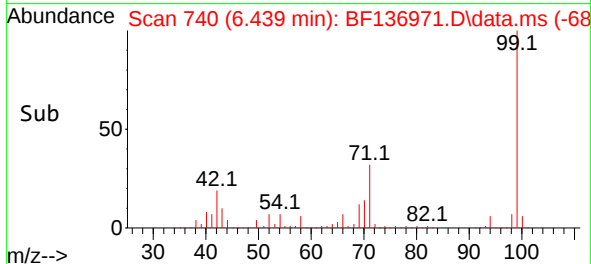
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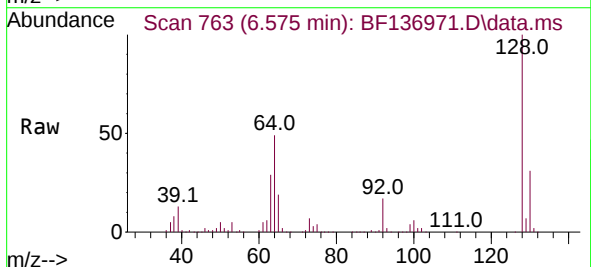
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Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 31.8 27.4 41.2

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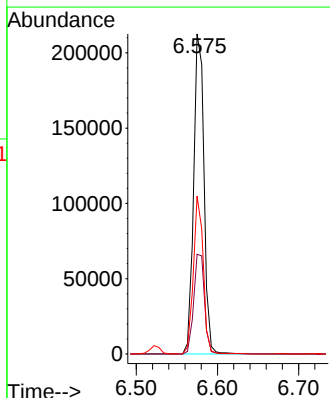
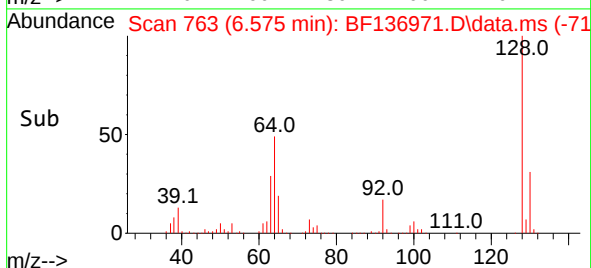
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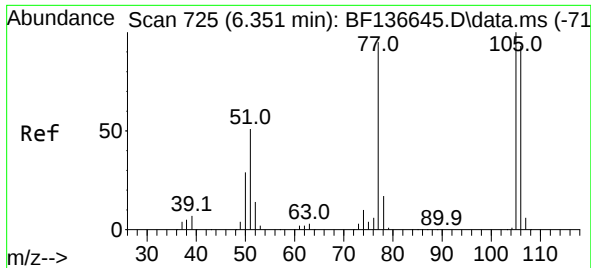


#8
2-Chlorophenol
Concen: 43.603 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:128 Resp: 189945
Ion Ratio Lower Upper
128 100
130 31.2 11.3 51.3
64 49.3 32.5 72.5





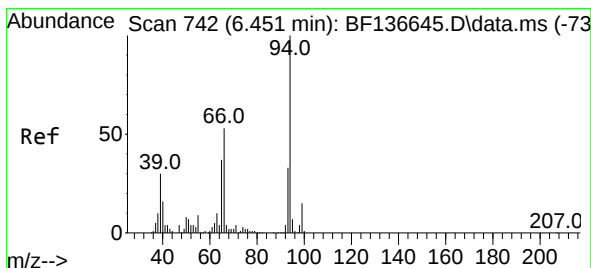
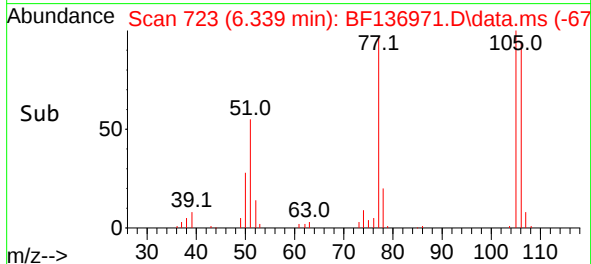
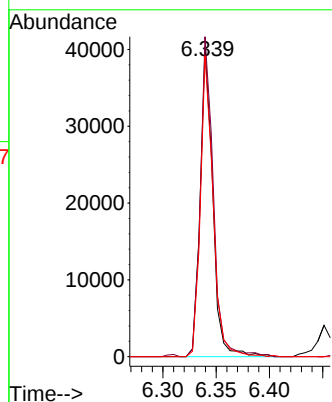
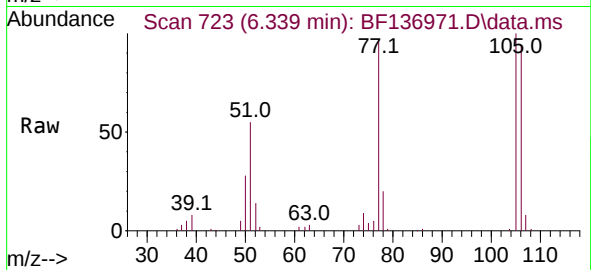
#9
Benzaldehyde
Concen: 11.344 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
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Tgt Ion: 77 Resp: 3328
Ion Ratio Lower Upper
77 100
105 103.2 84.8 124.8
106 97.1 77.8 117.8

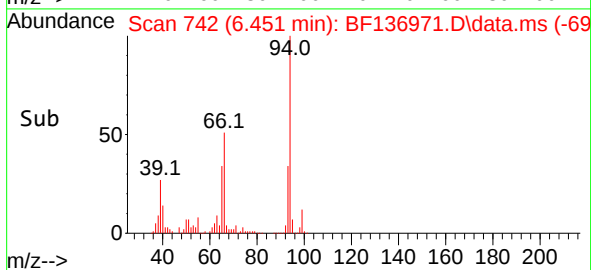
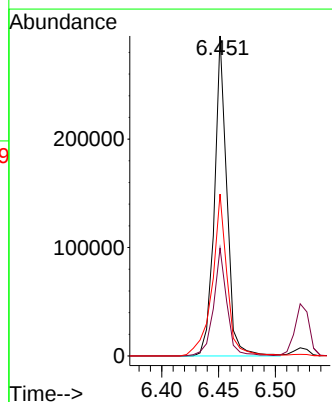
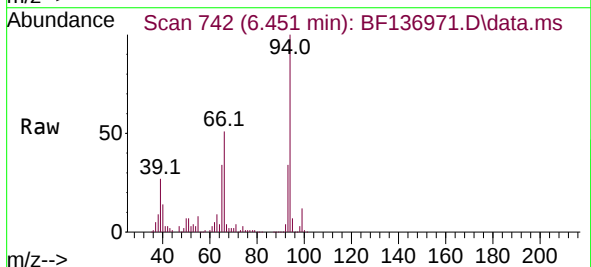
Manual Integrations
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Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#10
Phenol
Concen: 40.751 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion: 94 Resp: 224381
Ion Ratio Lower Upper
94 100
65 33.7 16.6 56.6
66 50.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.578 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

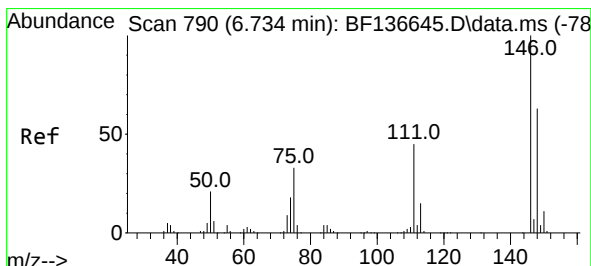
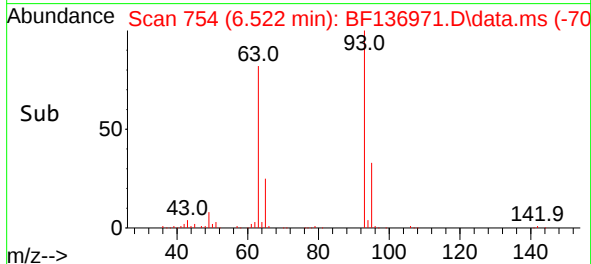
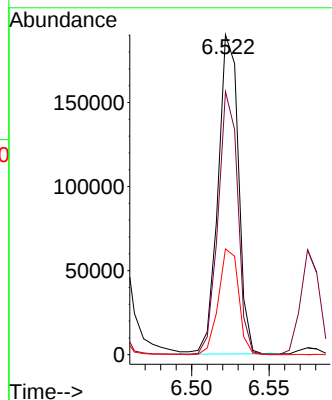
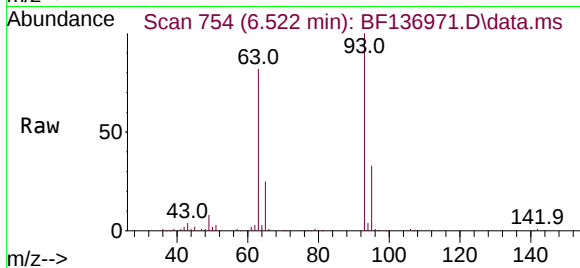
ClientSampleId :

RBR200030MS

Tgt Ion: 93 Resp: 17410
Ion Ratio Lower Upper
93 100
63 82.2 61.2 101.2
95 33.1 11.6 51.6

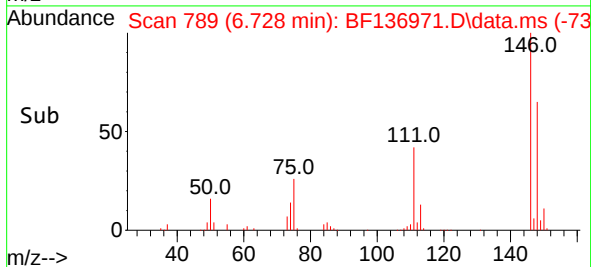
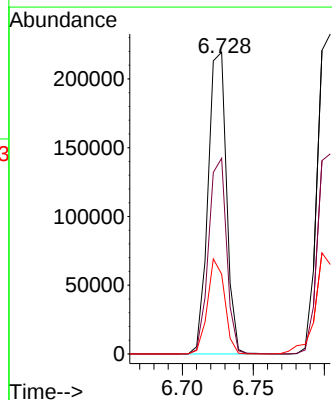
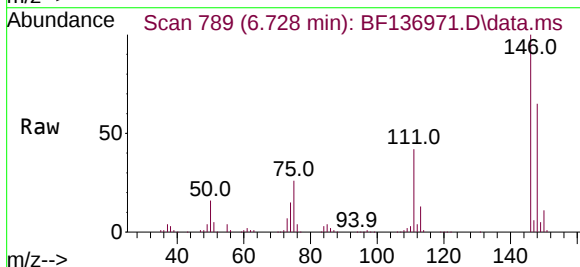
Manual Integrations
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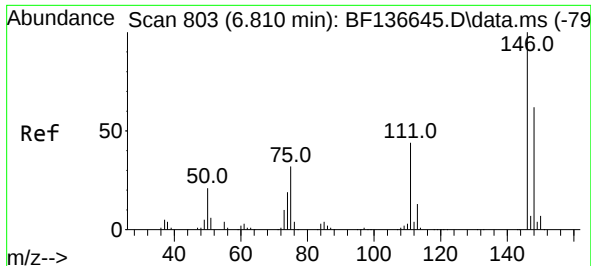
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#12
1,3-Dichlorobenzene
Concen: 41.682 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

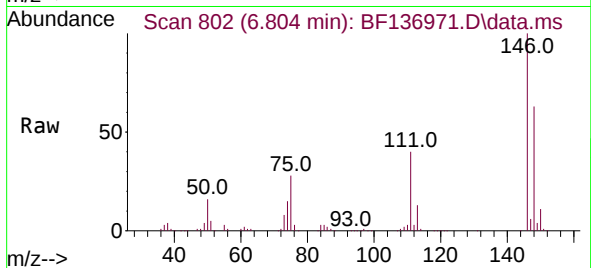
Tgt Ion:146 Resp: 198079
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 26.4 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 41.866 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

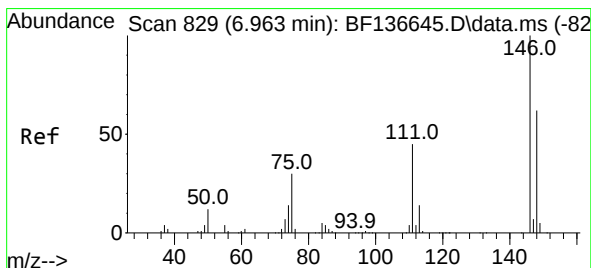
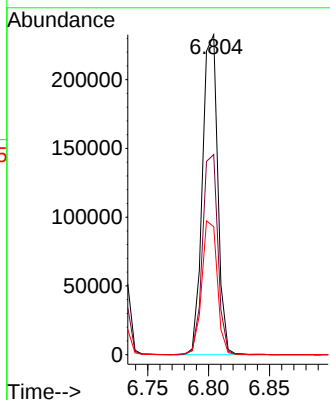
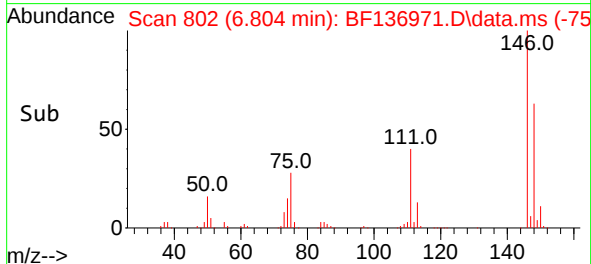
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:146 Resp: 203284
Ion Ratio Lower Upper
146 100
148 62.5 49.2 73.8
111 40.0 35.2 52.8

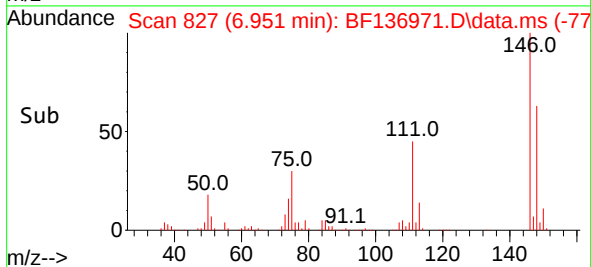
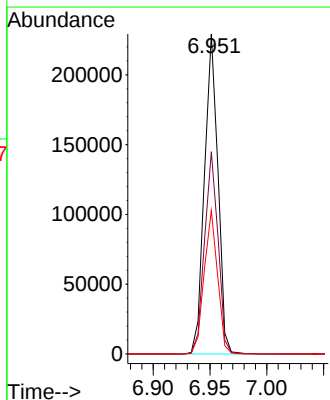
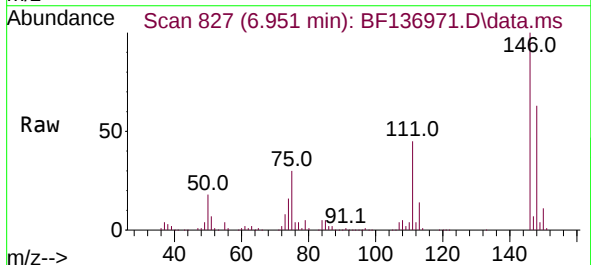
Manual Integrations
APPROVED

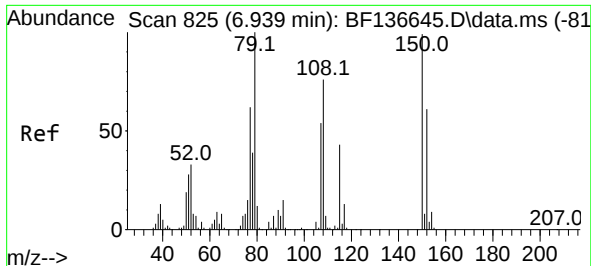
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#14
1,2-Dichlorobenzene
Concen: 41.732 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

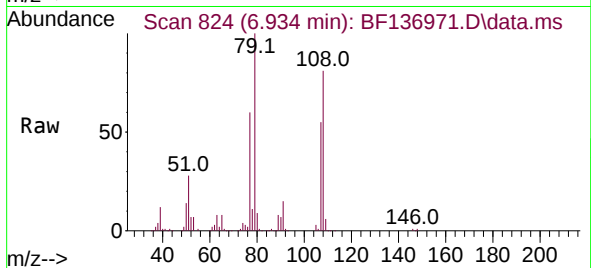
Tgt Ion:146 Resp: 188556
Ion Ratio Lower Upper
146 100
148 63.2 49.6 74.4
111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.967 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

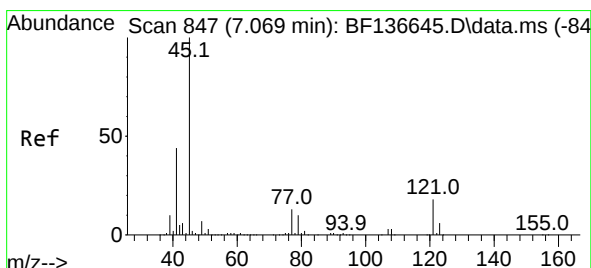
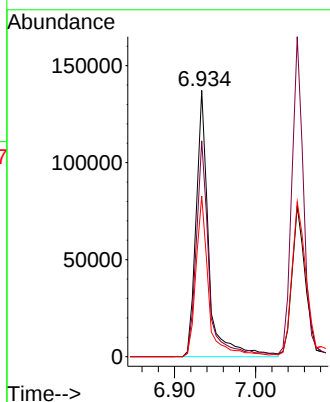
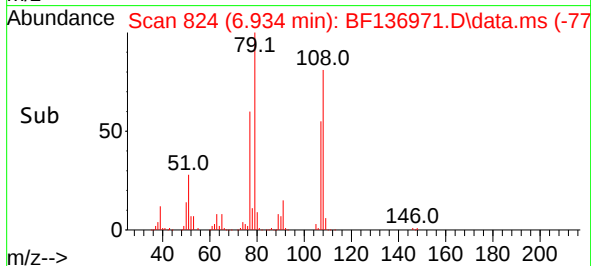
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion: 79 Resp: 149510
Ion Ratio Lower Upper
79 100
108 81.1 61.0 91.6
77 60.3 49.8 74.8

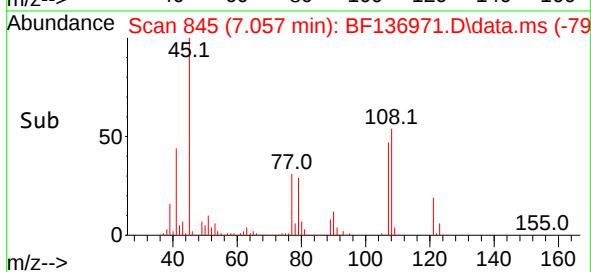
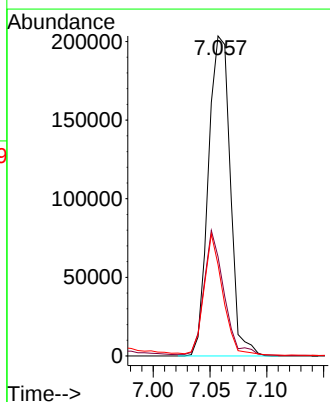
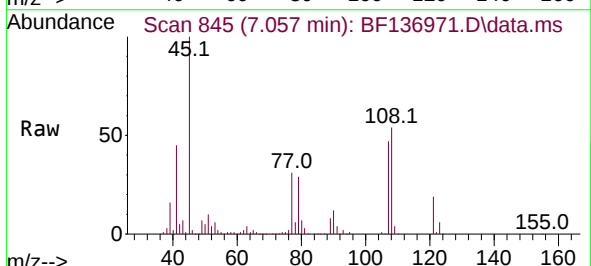
Manual Integrations
APPROVED

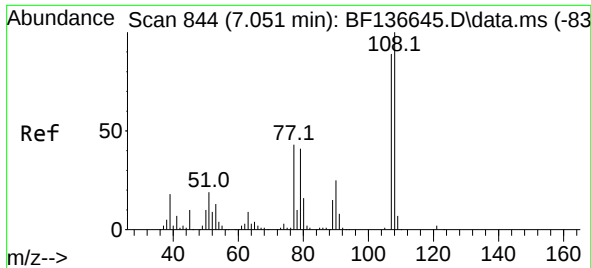
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.775 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

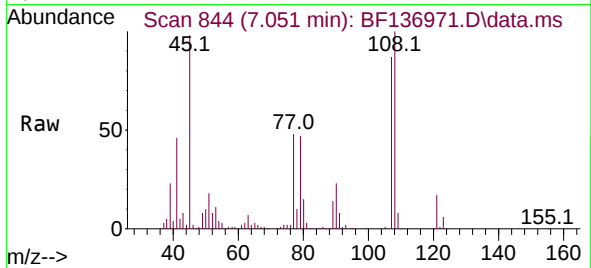
Tgt Ion: 45 Resp: 272305
Ion Ratio Lower Upper
45 100
77 31.0 0.0 34.3
79 28.6 0.0 31.4





#17
2-Methylphenol
Concen: 40.568 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

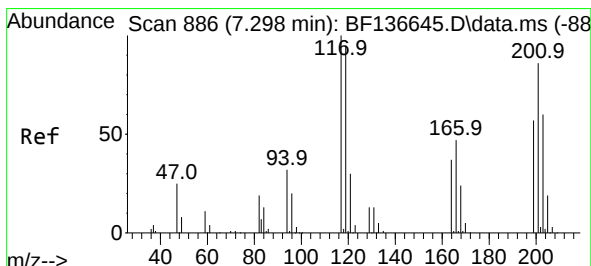
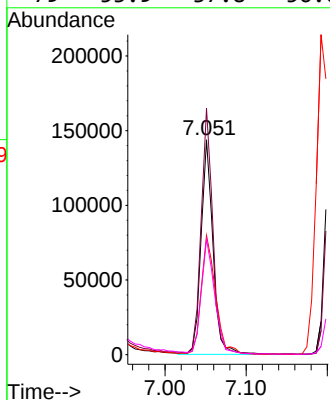
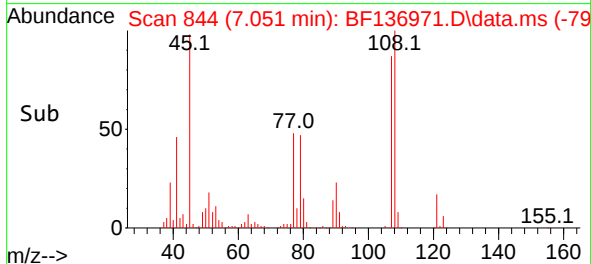
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:107 Resp: 146402
Ion Ratio Lower Upper
107 100
108 114.6 90.3 135.5
77 55.5 38.7 58.1
79 53.9 37.8 56.6

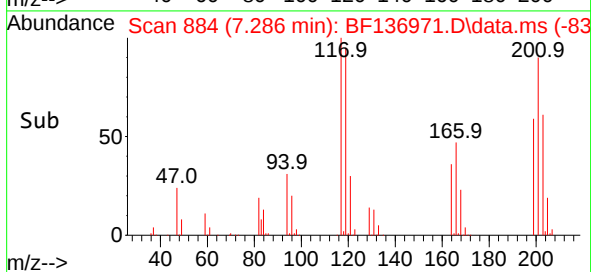
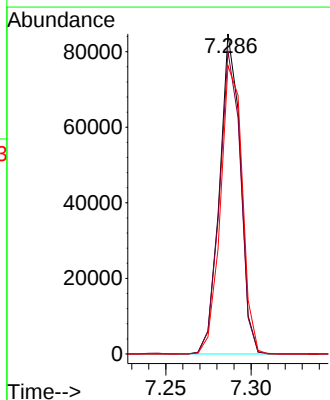
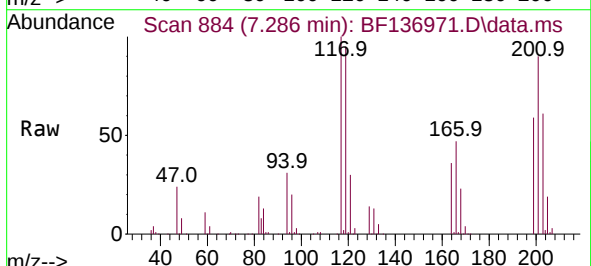
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#18
Hexachloroethane
Concen: 40.689 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

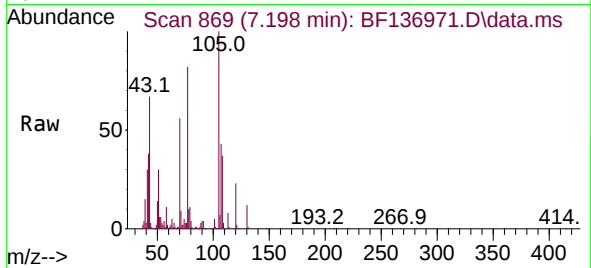
Tgt Ion:117 Resp: 71752
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
201 90.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.598 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

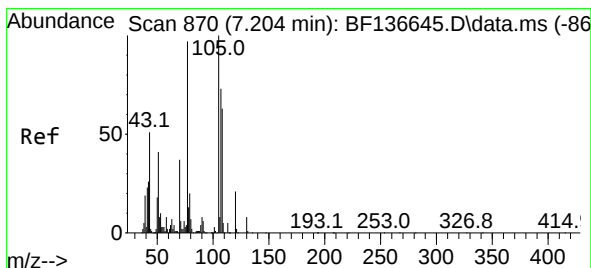
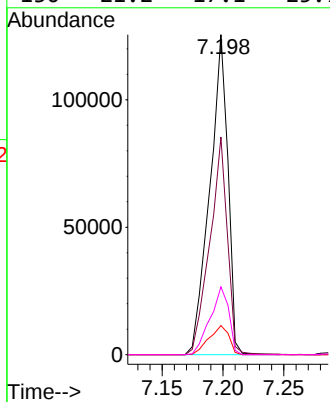
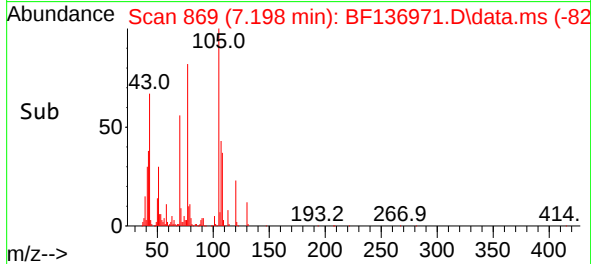
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



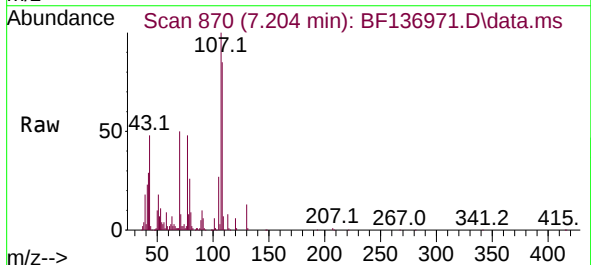
Tgt Ion: 70 Resp: 13006
Ion Ratio Lower Upper
70 100
42 68.0 54.2 81.4
101 9.1 7.6 11.4
130 21.2 17.1 25.7

Manual Integrations
APPROVED

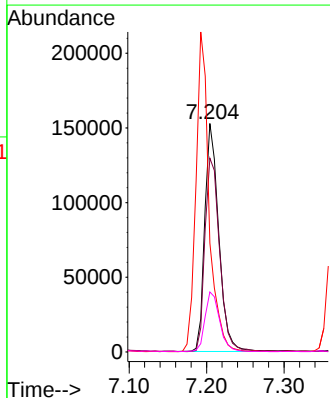
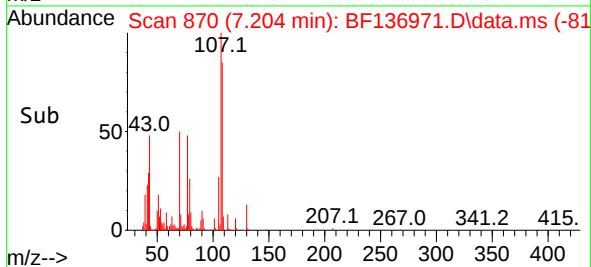
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#20
3+4-Methylphenols
Concen: 42.544 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:107 Resp: 191812
Ion Ratio Lower Upper
107 100
108 84.8 66.0 106.0
77 47.7 114.2 154.2#
79 26.3 7.2 47.2





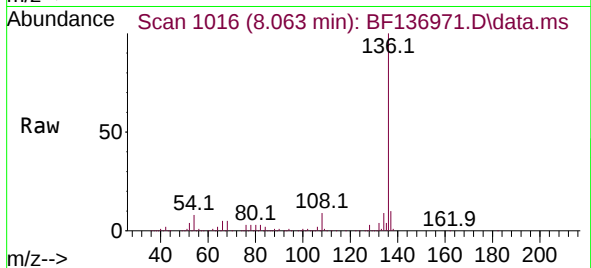
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



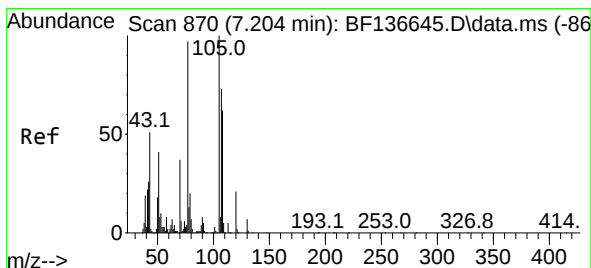
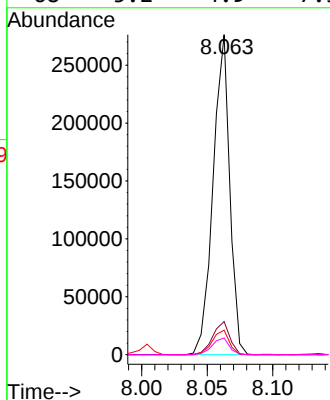
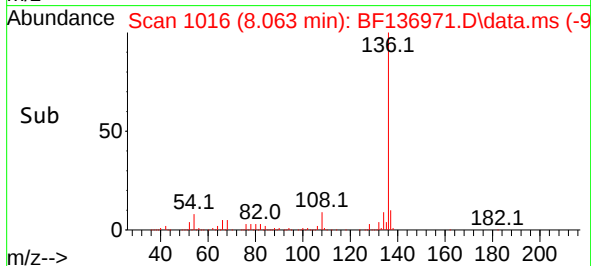
Tgt Ion:136 Resp: 243405
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.6 7.2 10.8
68 5.2 4.9 7.3

Manual Integrations

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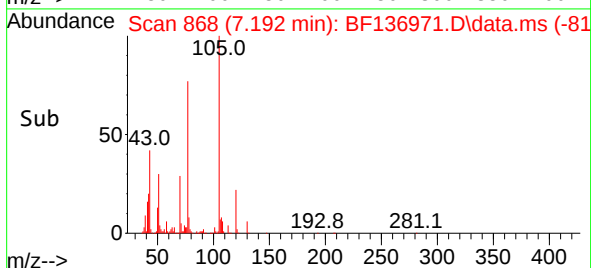
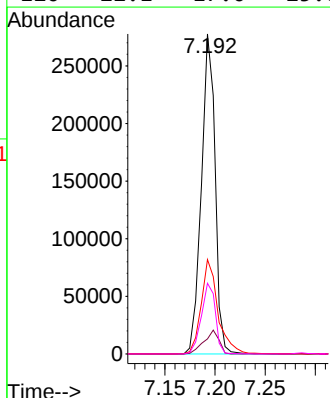
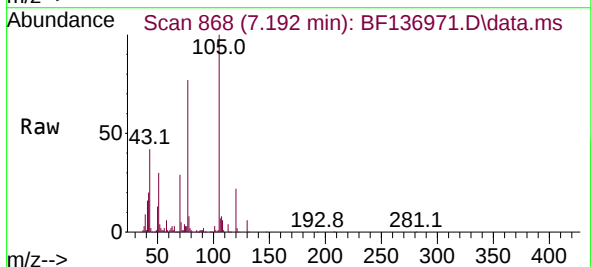
Reviewed By :Yogesh Patel 01/06/2024

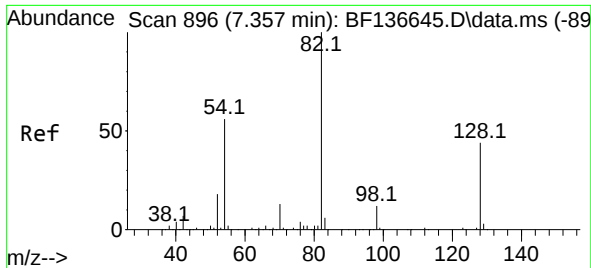
Supervised By :mohammad ahmed 01/06/2024



#22
Acetophenone
Concen: 43.599 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:105 Resp: 265994
Ion Ratio Lower Upper
105 100
71 4.7 4.8 7.2#
51 29.5 32.8 49.2#
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 60.699 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion: 82 Resp: 288720

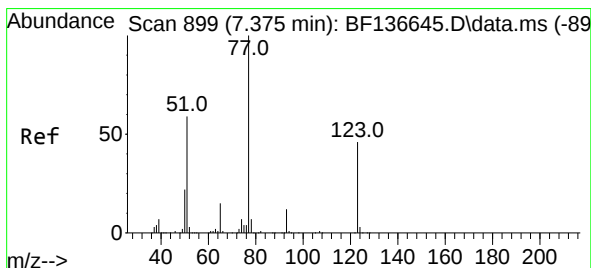
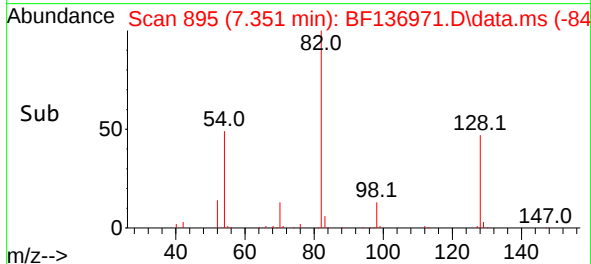
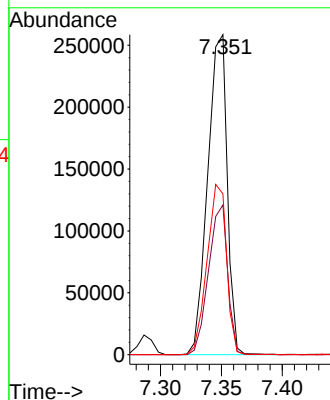
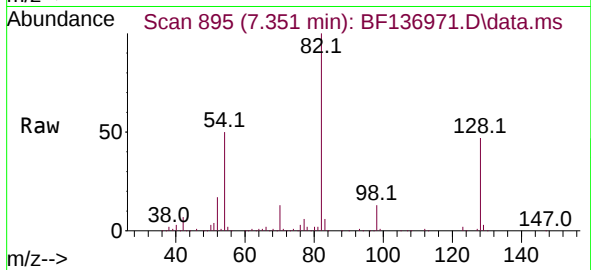
Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.3	52.9
54	50.3	44.5	66.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#24

Nitrobenzene

Concen: 39.380 ng

RT: 7.369 min Scan# 898

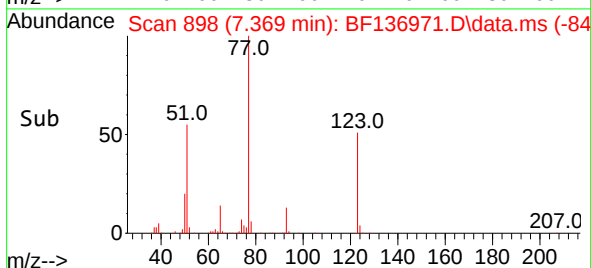
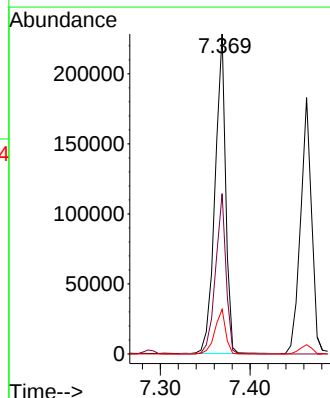
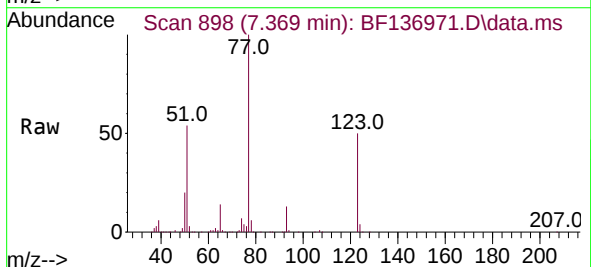
Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Tgt Ion: 77 Resp: 187642

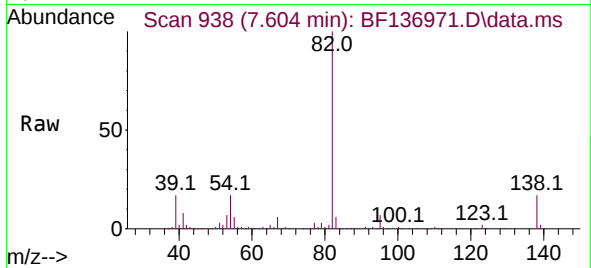
Ion	Ratio	Lower	Upper
77	100		
123	50.1	36.7	55.1
65	14.0	11.8	17.6





#25
Isophorone
Concen: 40.360 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

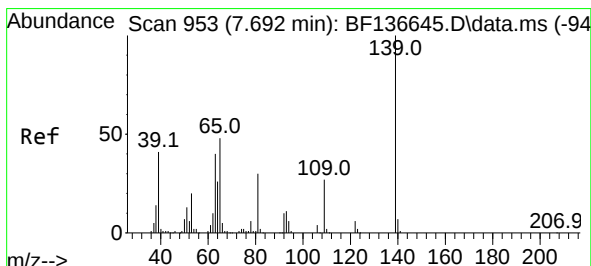
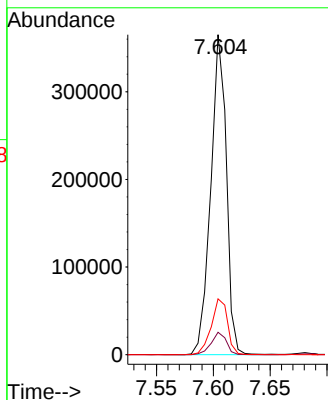
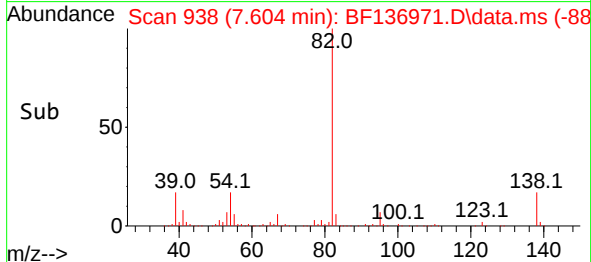
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion: 82 Resp: 349324
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.5 14.5 21.7

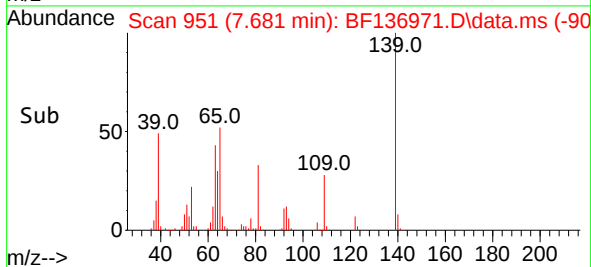
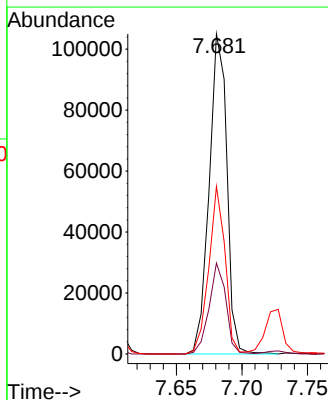
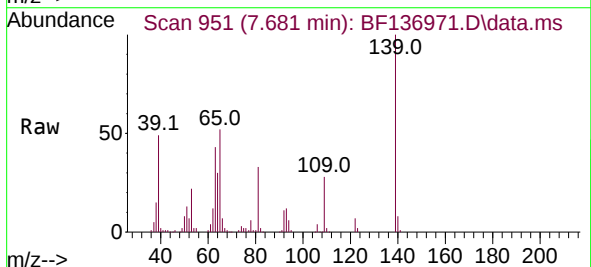
Manual Integrations
APPROVED

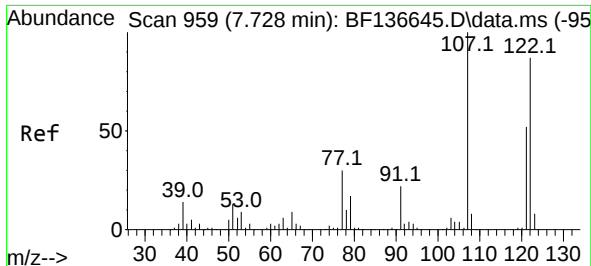
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#26
2-Nitrophenol
Concen: 43.315 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:139 Resp: 98749
Ion Ratio Lower Upper
139 100
109 28.4 21.9 32.9
65 52.4 38.6 58.0





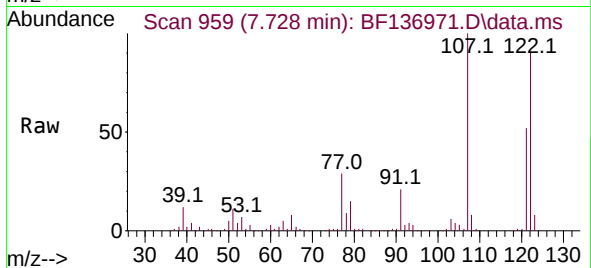
#27
2,4-Dimethylphenol
Concen: 50.972 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



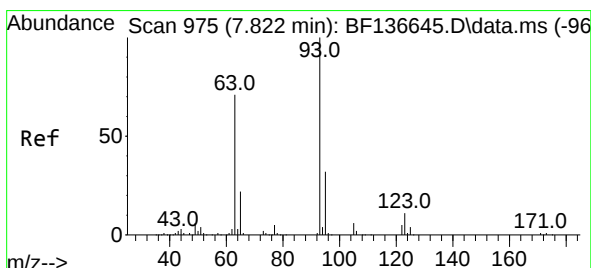
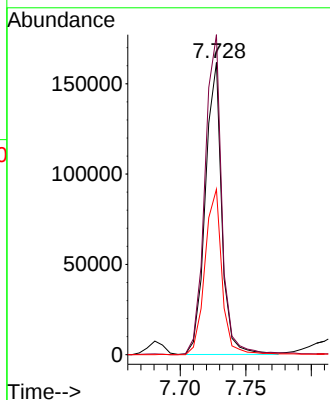
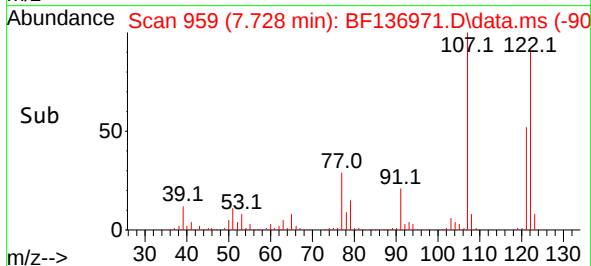
Tgt Ion:122 Resp: 14147
Ion Ratio Lower Upper
122 100
107 109.5 92.0 138.0
121 56.6 47.5 71.3

Manual Integrations

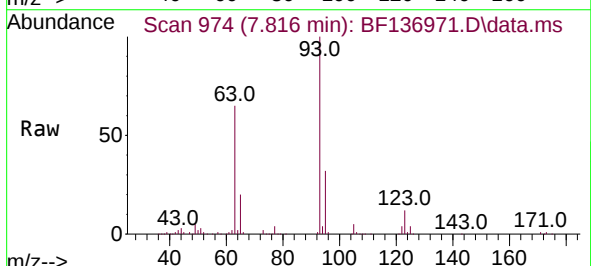
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

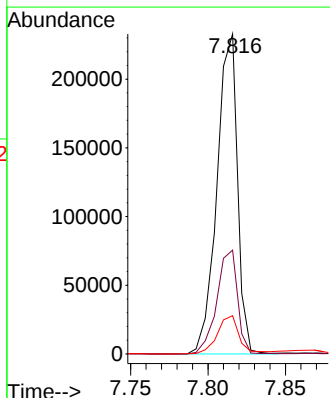
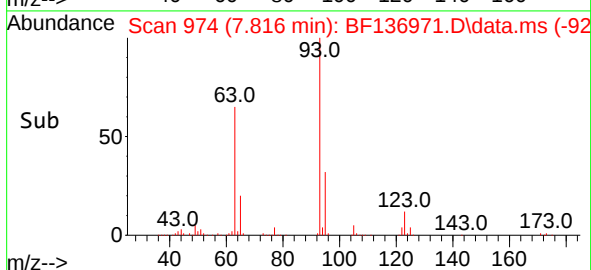
Supervised By :mohammad ahmed 01/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.870 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



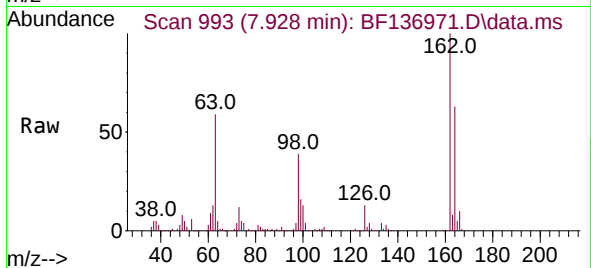
Tgt Ion: 93 Resp: 215023
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 42.126 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

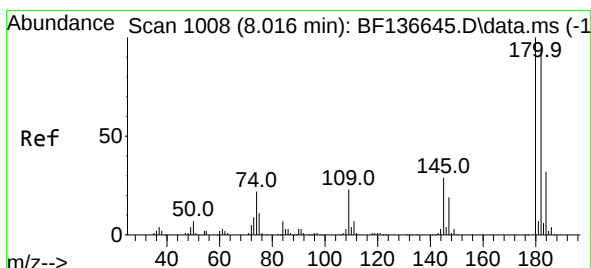
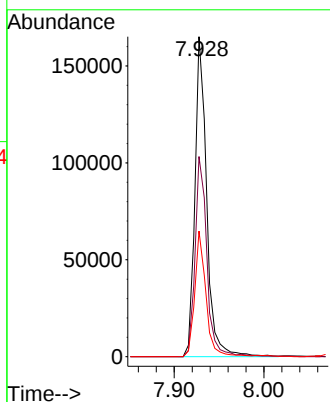
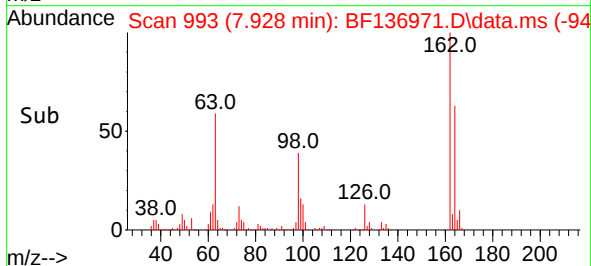
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



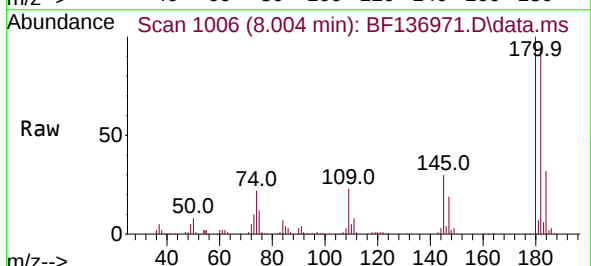
Tgt Ion:162 Resp: 15052
Ion Ratio Lower Upper
162 100
164 62.5 41.7 81.7
98 39.3 19.5 59.5

Manual Integrations
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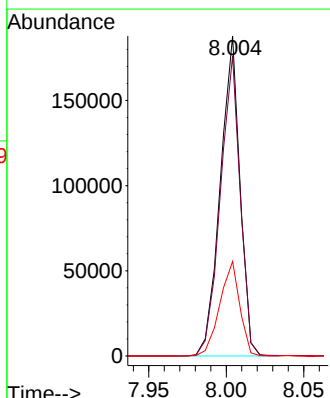
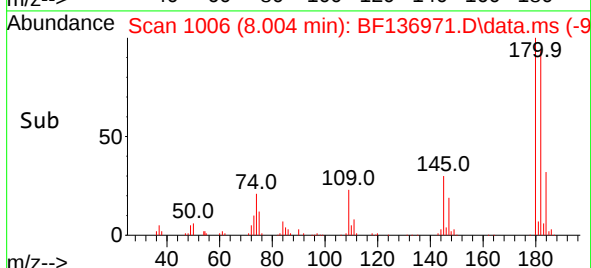
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

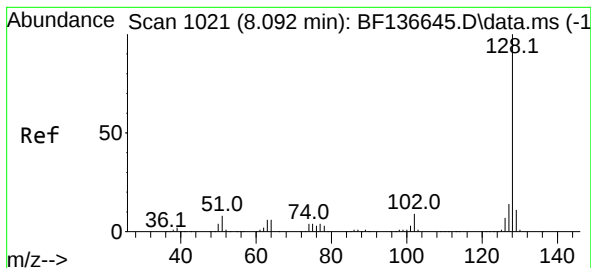


#30
1,2,4-Trichlorobenzene
Concen: 41.664 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:180 Resp: 165875
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.0
145 29.6 23.1 34.7





#31

Naphthalene

Concen: 40.950 ng

RT: 8.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

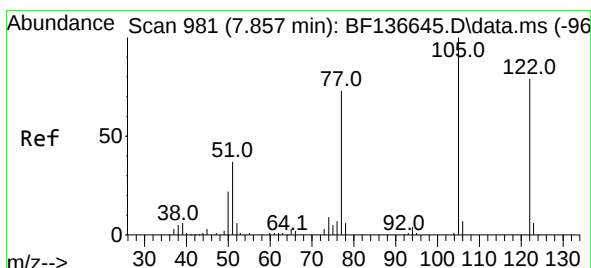
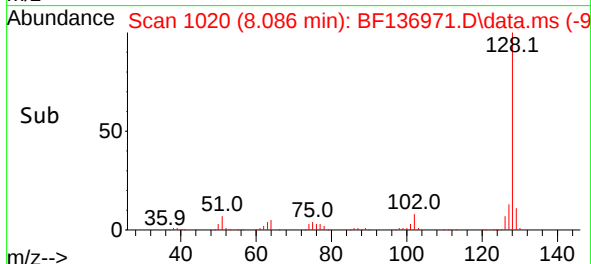
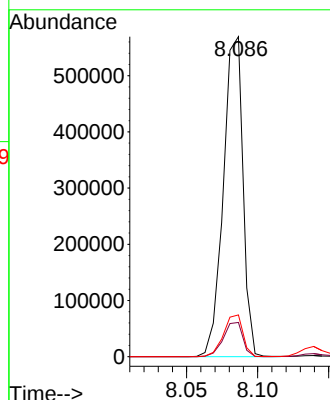
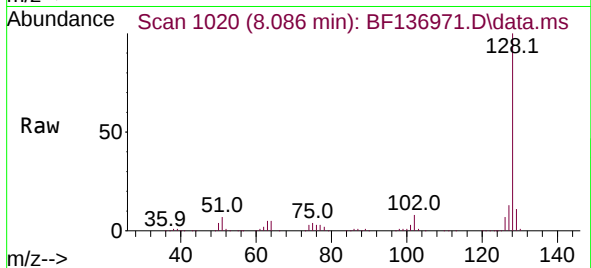
RBR200030MS

Tgt Ion:128 Resp: 547588
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.7 13.1
 127 13.1 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024



#32

Benzoic acid

Concen: 40.171 ng

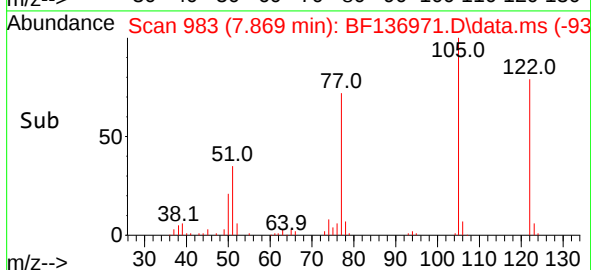
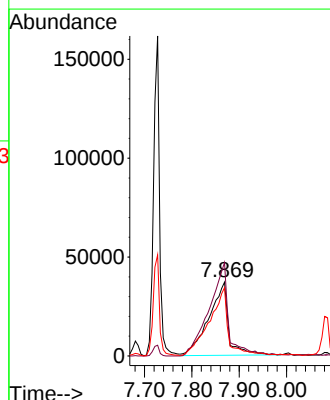
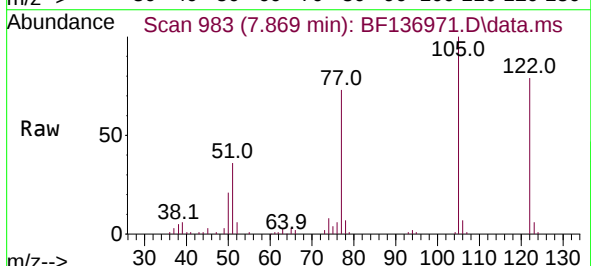
RT: 7.869 min Scan# 983

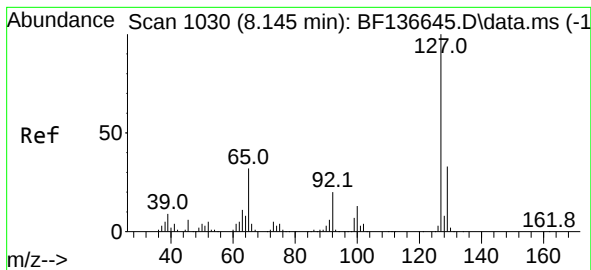
Delta R.T. 0.012 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Tgt Ion:122 Resp: 107877
 Ion Ratio Lower Upper
 122 100
 105 126.8 100.8 140.8
 77 92.6 70.9 110.9





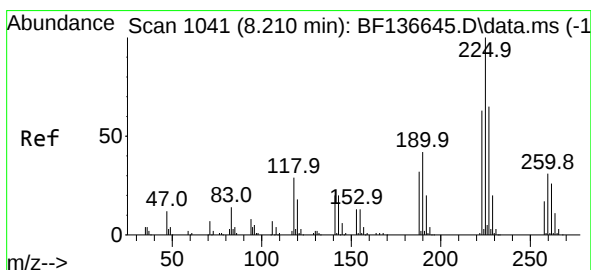
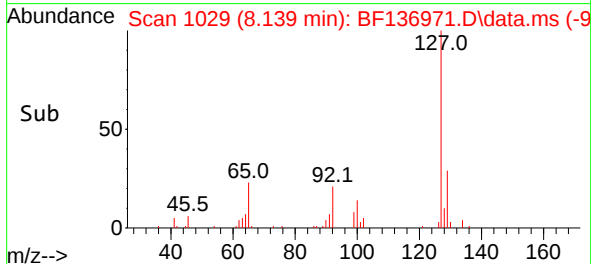
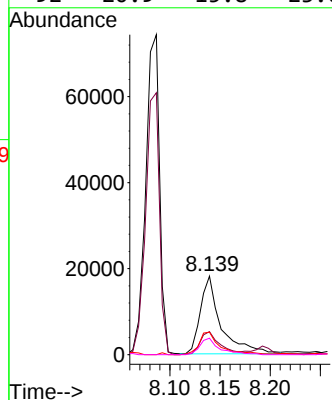
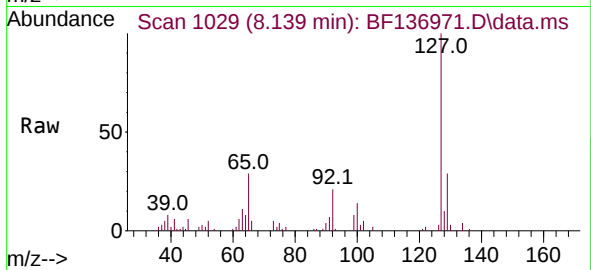
#33
4-Chloroaniline
Concen: 5.235 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:	127	Resp:	2584
Ion Ratio	Lower	Upper	
127	100		
129	29.3	26.3	39.5
65	28.6	25.8	38.8
92	20.9	15.8	23.6

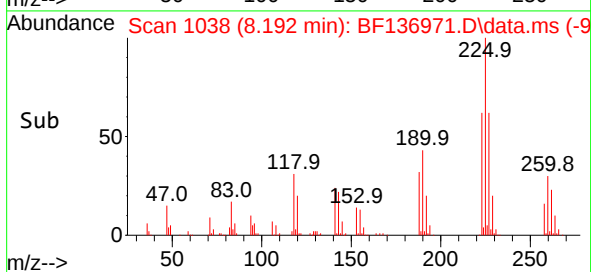
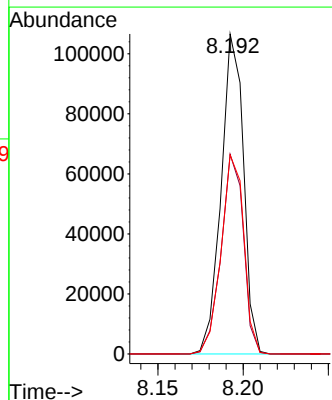
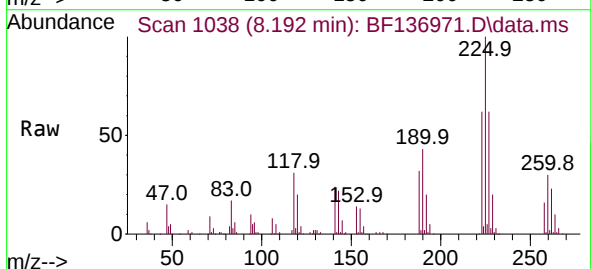
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#34
Hexachlorobutadiene
Concen: 40.218 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

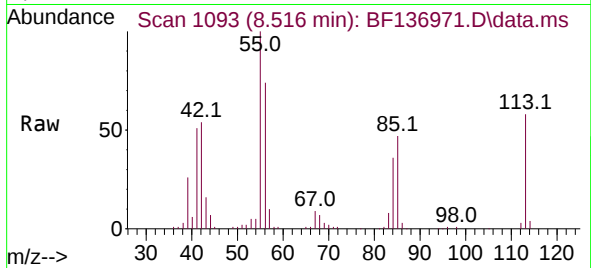
Tgt Ion:	225	Resp:	97282
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	62.2	51.9	77.9





#35
 Caprolactam
 Concen: 41.855 ng m
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136971.D
 Acq: 05 Jan 2024 12:44

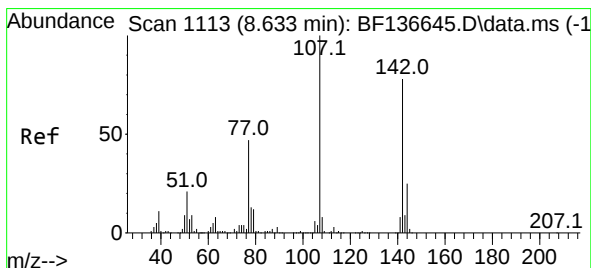
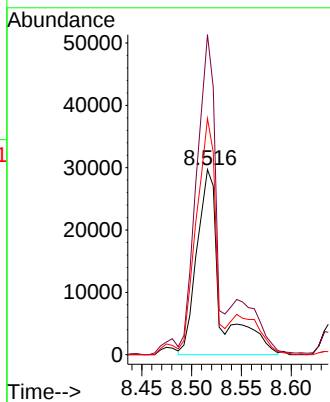
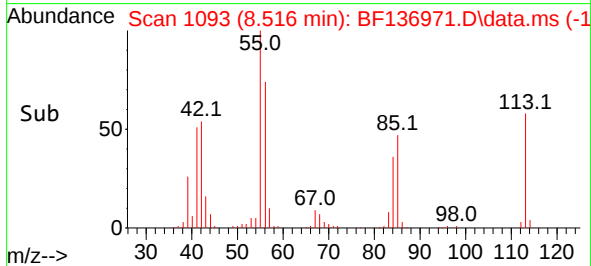
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS



Tgt Ion:113 Resp: 49338
 Ion Ratio Lower Upper
 113 100
 55 172.9 163.1 203.1
 56 127.6 121.7 161.7

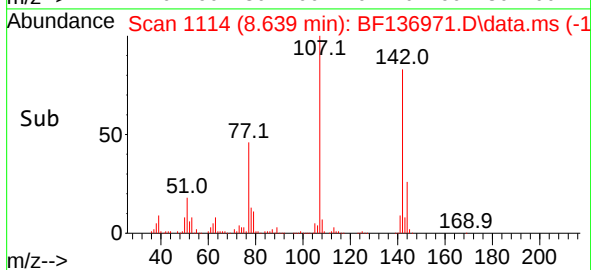
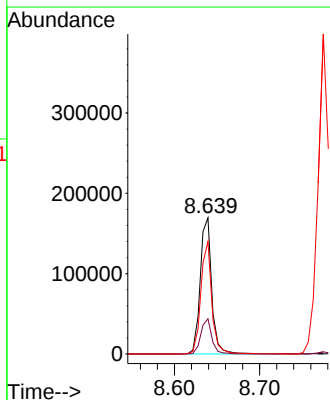
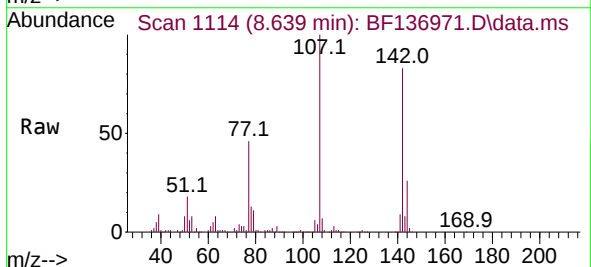
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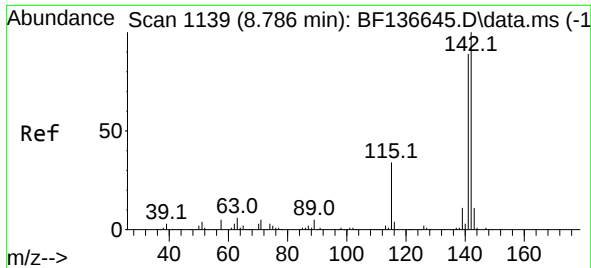
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024



#36
 4-Chloro-3-methylphenol
 Concen: 39.592 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136971.D
 Acq: 05 Jan 2024 12:44

Tgt Ion:107 Resp: 159263
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 82.6 62.3 93.5





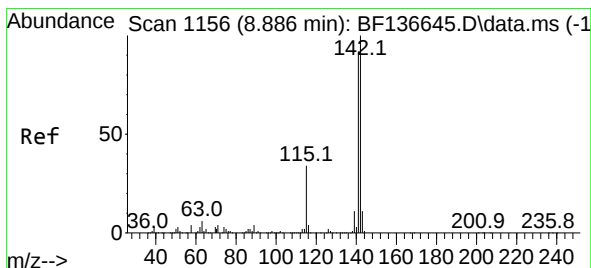
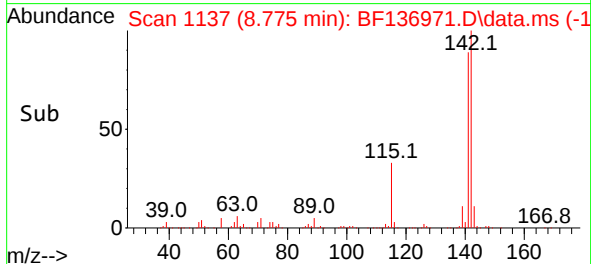
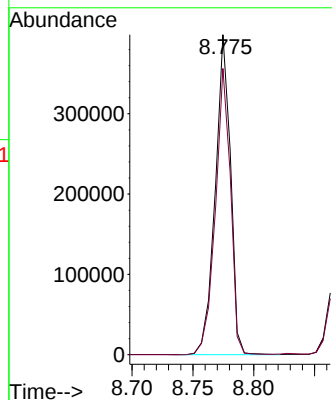
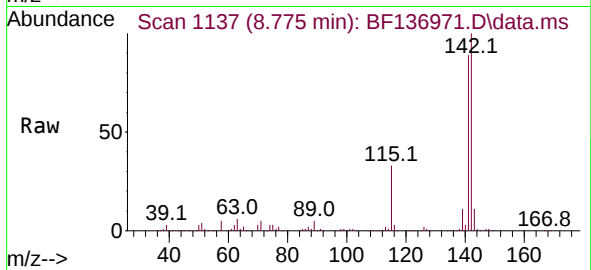
#37
2-Methylnaphthalene
Concen: 40.373 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:142 Resp: 34744
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

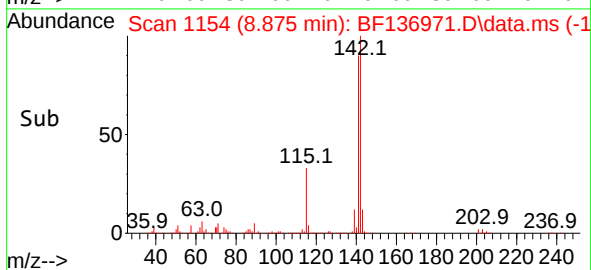
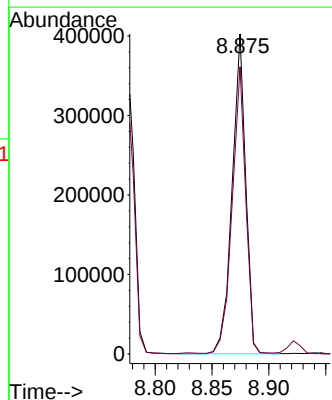
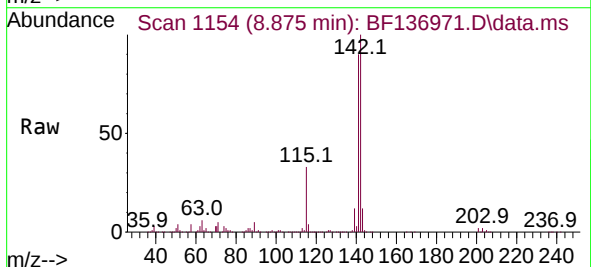
Manual Integrations
APPROVED

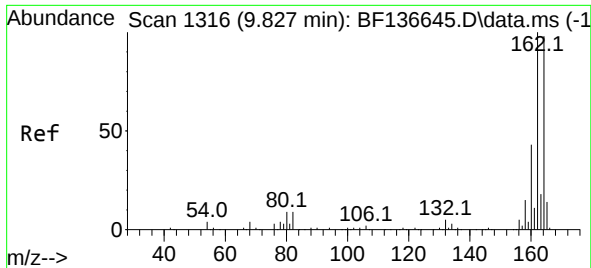
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#38
1-Methylnaphthalene
Concen: 39.456 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:142 Resp: 333125
Ion Ratio Lower Upper
142 100
141 89.7 73.6 110.4





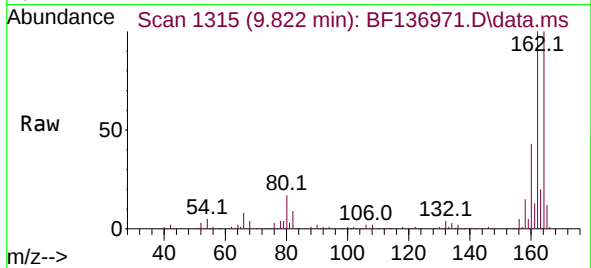
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



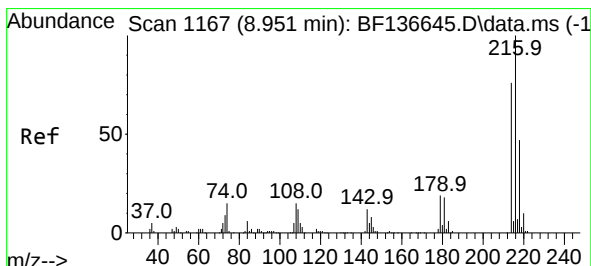
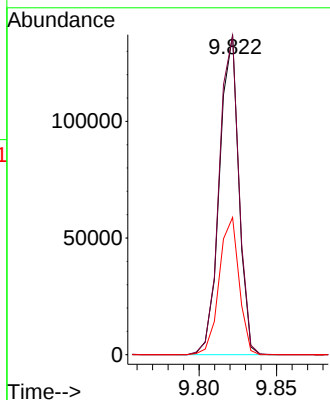
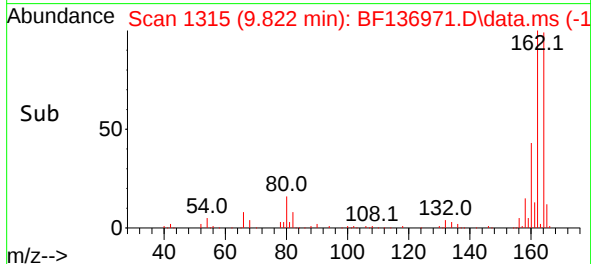
Tgt Ion:164 Resp: 118472
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 42.9 34.9 52.3

Manual Integrations

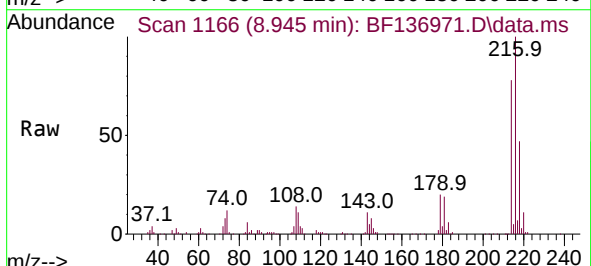
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

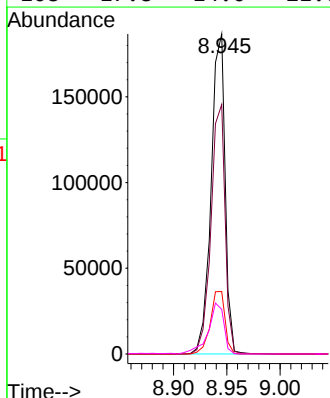
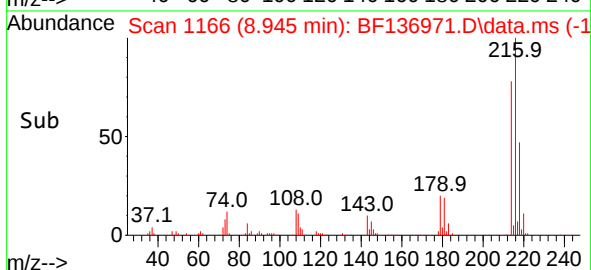
Supervised By :mohammad ahmed 01/06/2024

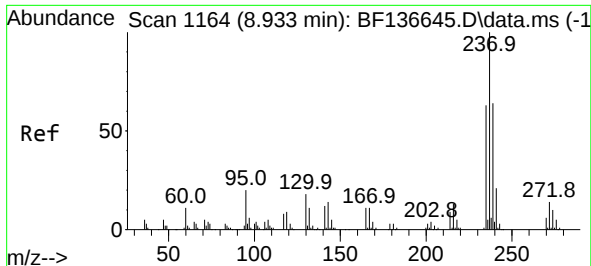


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.650 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



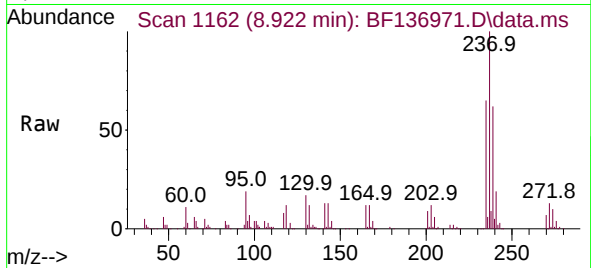
Tgt Ion:216 Resp: 171160
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 20.5 16.4 24.6
108 17.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 91.752 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

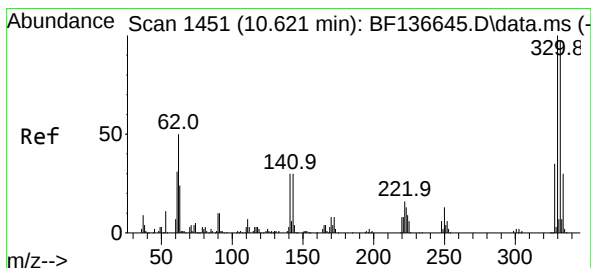
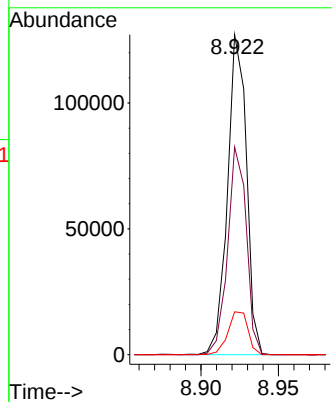
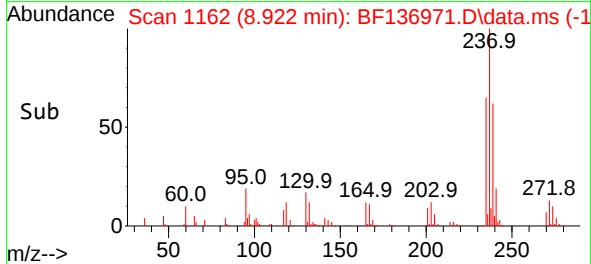
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



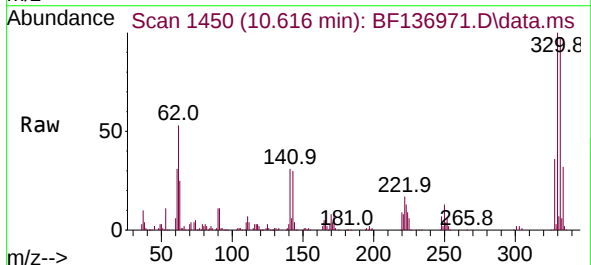
Tgt Ion:237 Resp: 10823
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 13.4 0.0 34.2

Manual Integrations
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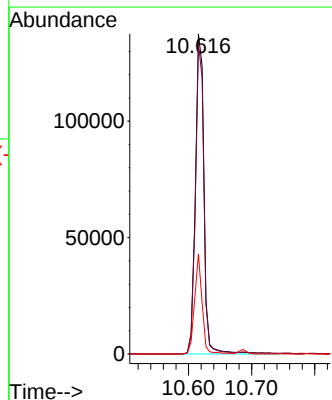
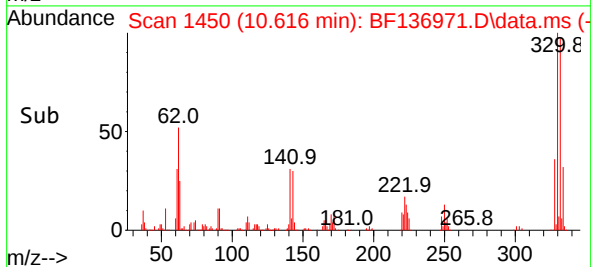
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#42
2,4,6-Tribromophenol
Concen: 93.034 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:330 Resp: 129808
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 27.5 23.4 35.2





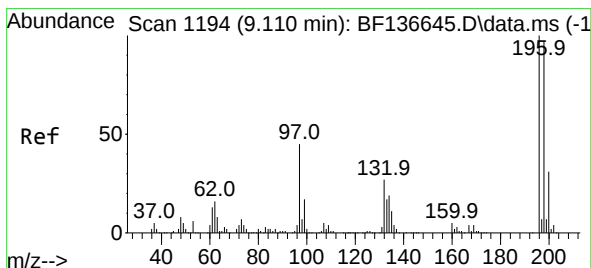
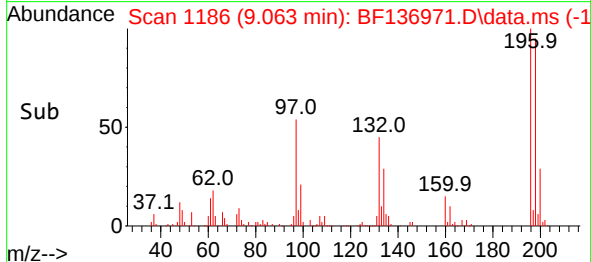
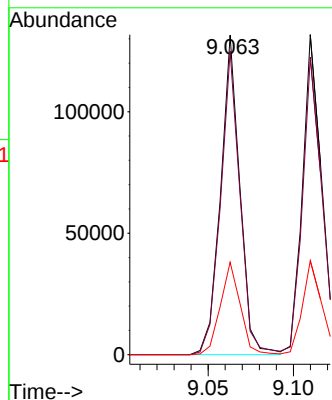
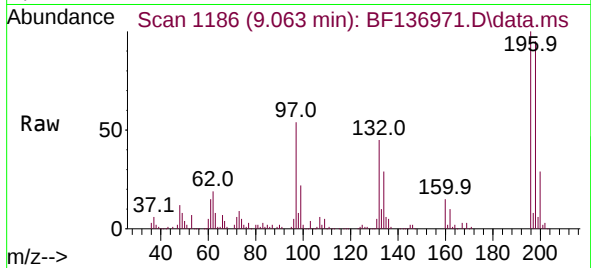
#43
2,4,6-Trichlorophenol
Concen: 44.097 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:196 Resp: 10376
Ion Ratio Lower Upper
196 100
198 95.0 75.1 112.7
200 29.0 22.5 33.7

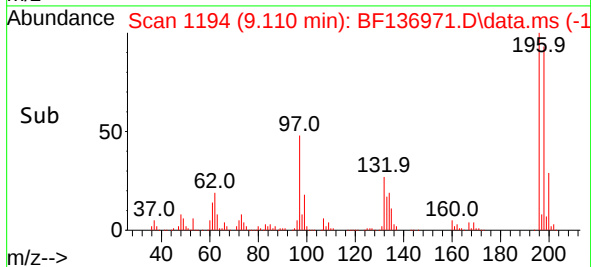
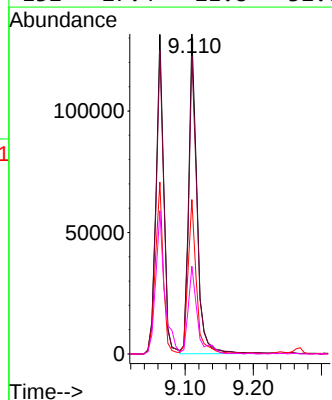
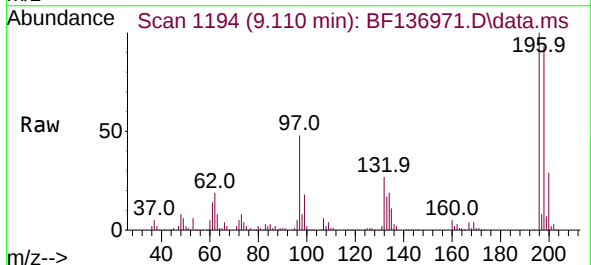
Manual Integrations
APPROVED

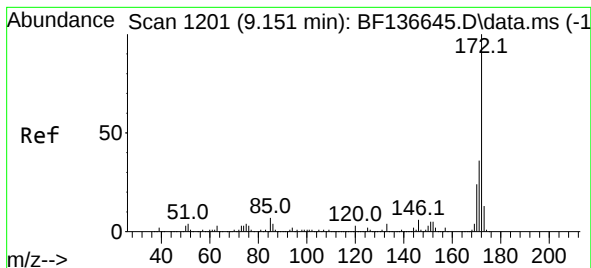
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#44
2,4,5-Trichlorophenol
Concen: 42.087 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:196 Resp: 110356
Ion Ratio Lower Upper
196 100
198 93.0 77.0 115.6
97 48.2 36.1 54.1
132 27.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 65.227 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

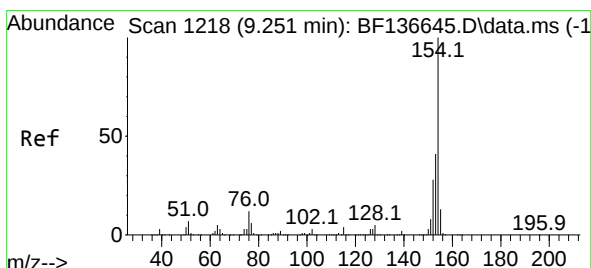
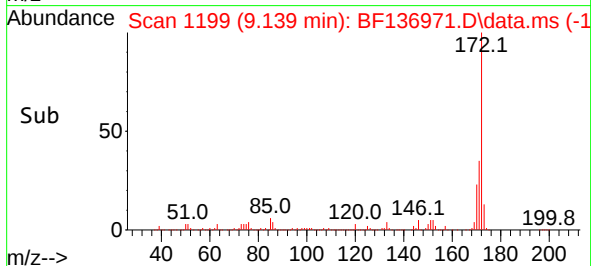
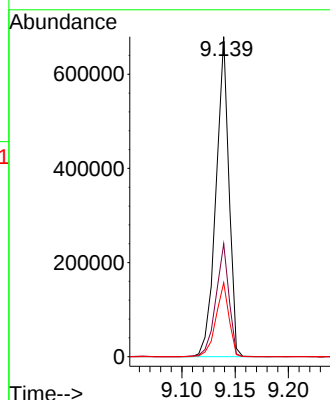
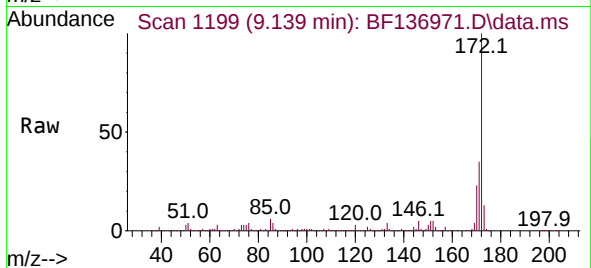
Tgt Ion:	172	Resp:	57454
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.0	43.6
170	23.1	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#46

1,1'-Biphenyl

Concen: 45.380 ng

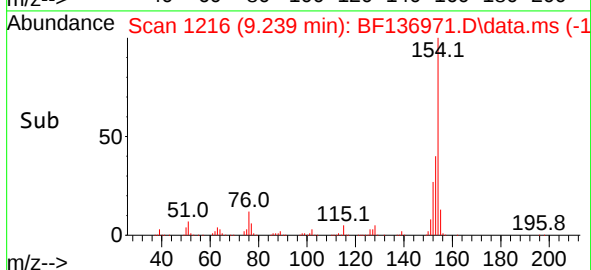
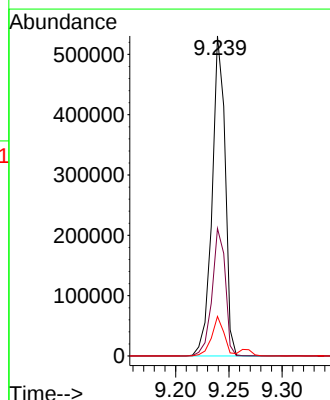
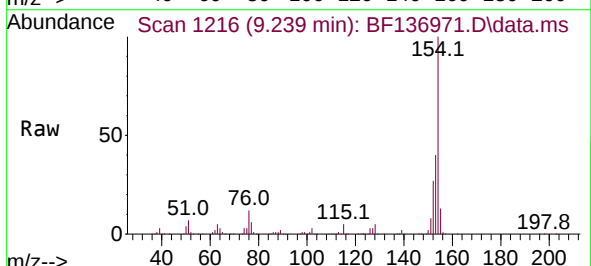
RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

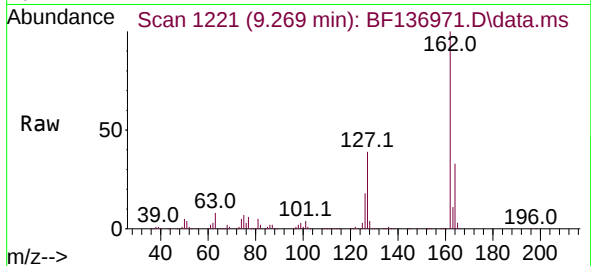
Tgt Ion:	154	Resp:	451148
Ion Ratio	Lower	Upper	
154	100		
153	39.9	21.1	61.1
76	12.4	0.0	31.7





#47
2-Chloronaphthalene
Concen: 43.321 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

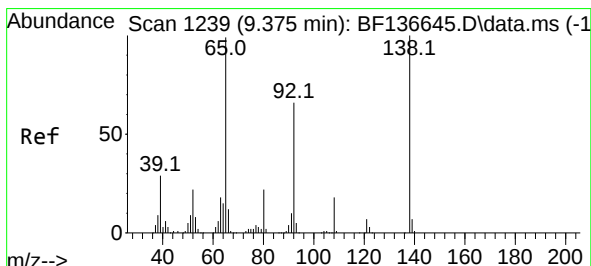
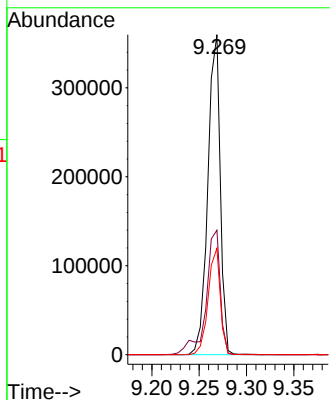
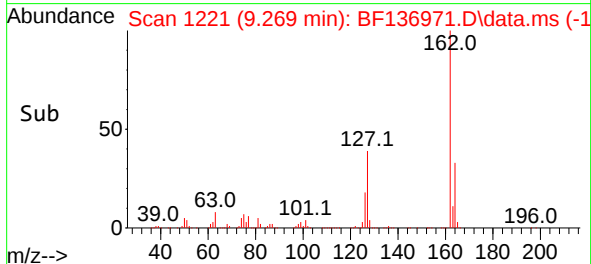
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:162 Resp: 32740
Ion Ratio Lower Upper
162 100
127 38.9 33.6 50.4
164 33.3 25.7 38.5

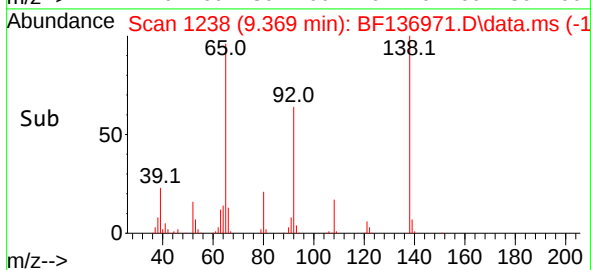
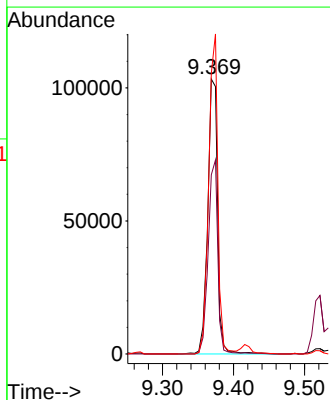
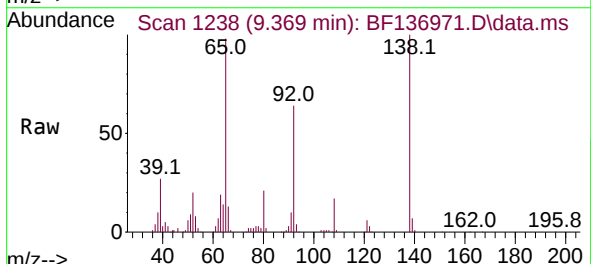
Manual Integrations
APPROVED

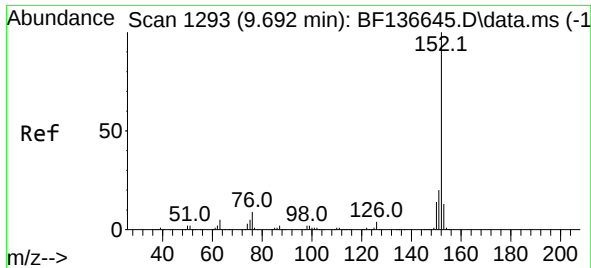
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#48
2-Nitroaniline
Concen: 42.205 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion: 65 Resp: 99887
Ion Ratio Lower Upper
65 100
92 65.2 53.2 79.8
138 102.1 81.1 121.7





#49
Acenaphthylene
Concen: 46.621 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

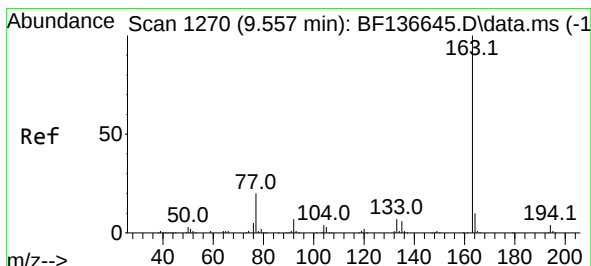
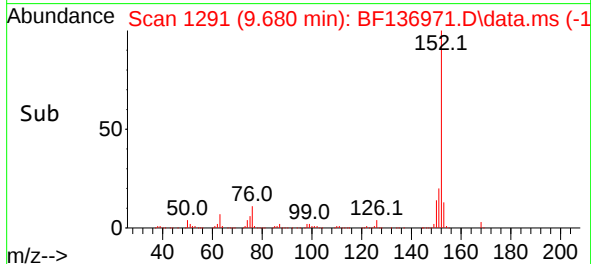
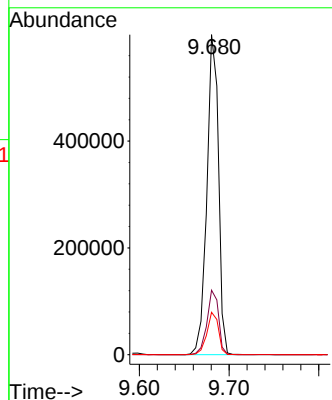
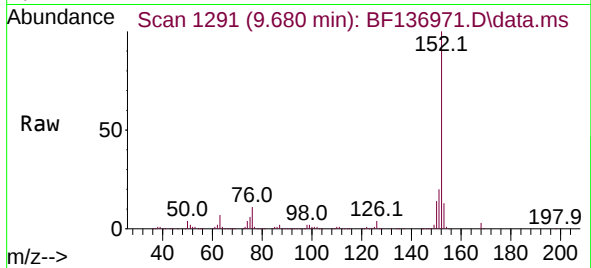
RBR200030MS

Tgt Ion:152 Resp: 53856
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations

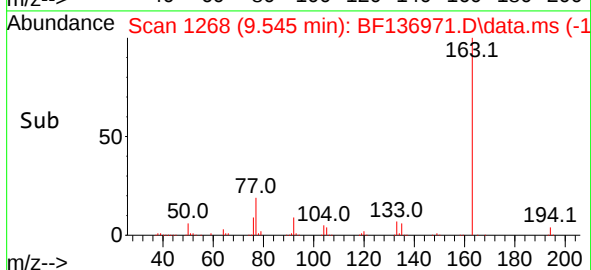
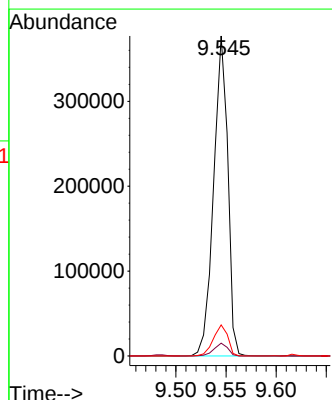
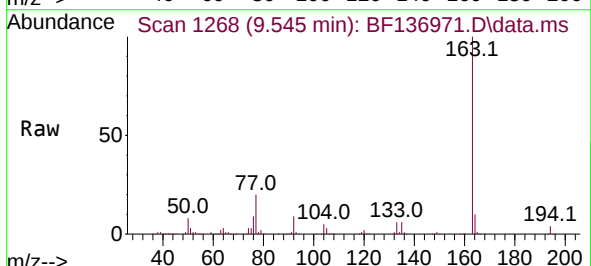
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#50
Dimethylphthalate
Concen: 42.812 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:163 Resp: 370476
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 41.946 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

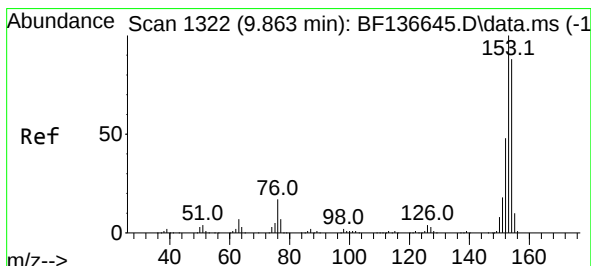
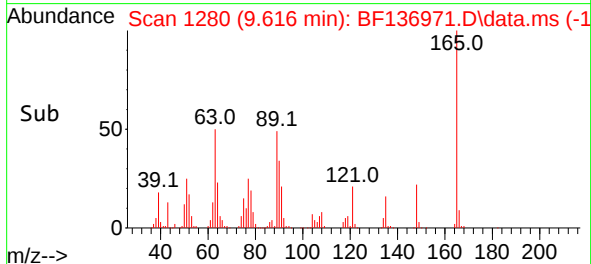
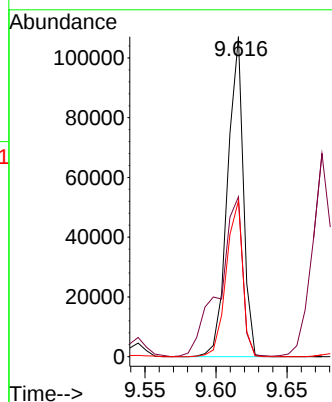
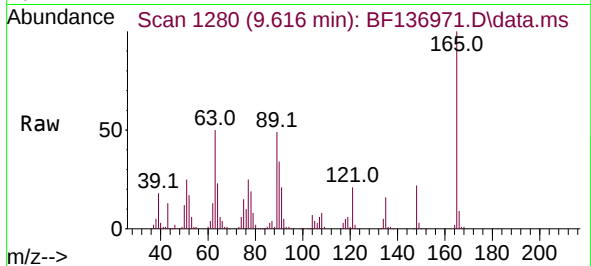
RBR200030MS

Tgt Ion:165 Resp: 82378
Ion Ratio Lower Upper
165 100
63 49.9 39.8 59.6
89 48.7 38.8 58.2

Manual Integrations

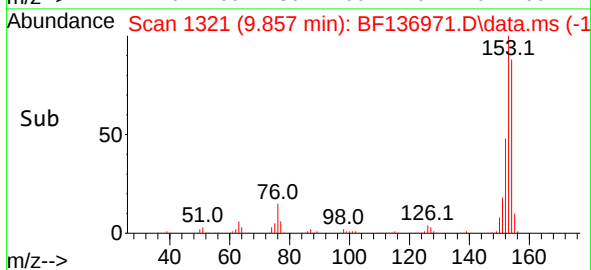
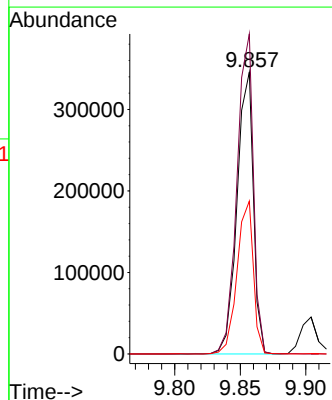
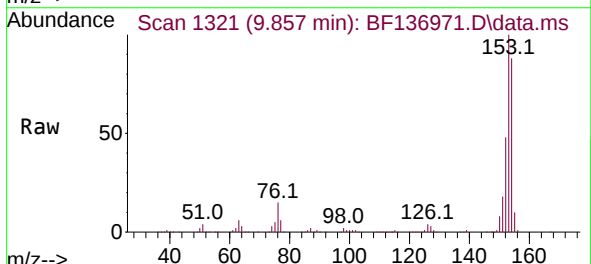
APPROVED

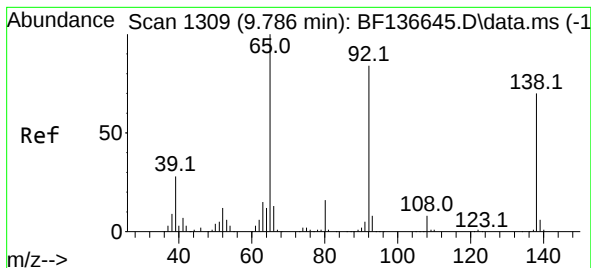
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#52
Acenaphthene
Concen: 42.129 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:154 Resp: 301676
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.2 43.7 65.5





#53

3-Nitroaniline

Concen: 17.790 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

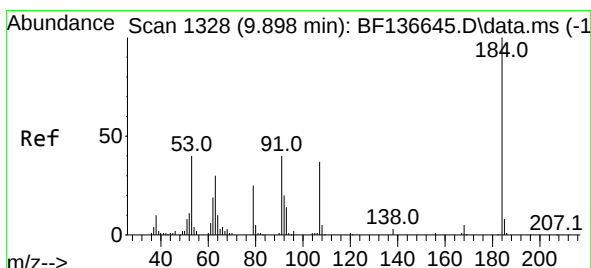
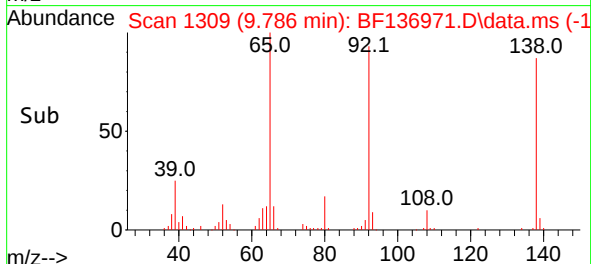
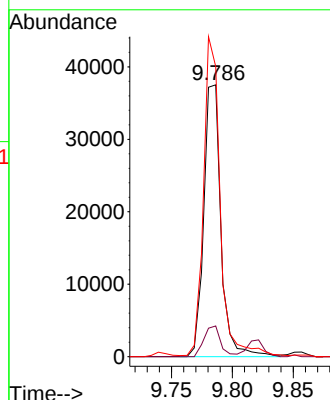
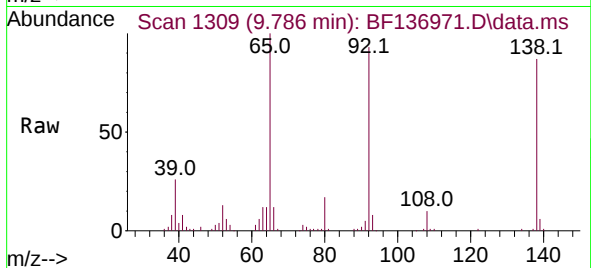
Tgt Ion:138 Resp: 37010
 Ion Ratio Lower Upper
 138 100
 108 11.3 8.6 12.8
 92 106.7 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#54

2,4-Dinitrophenol

Concen: 70.100 ng

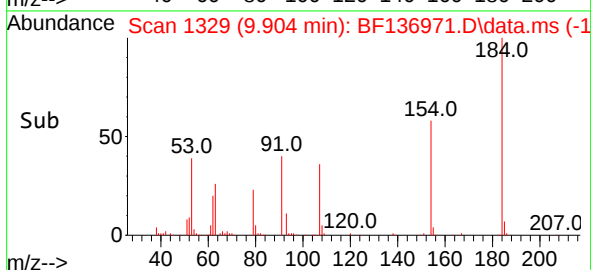
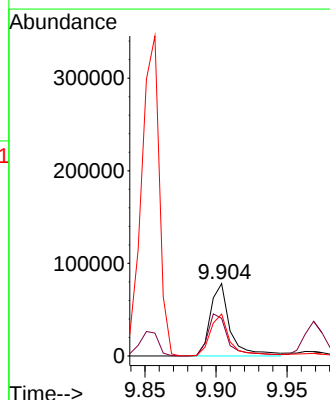
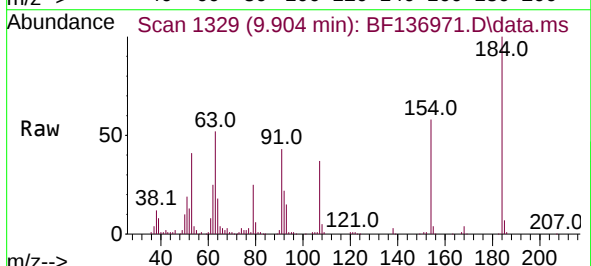
RT: 9.904 min Scan# 1329

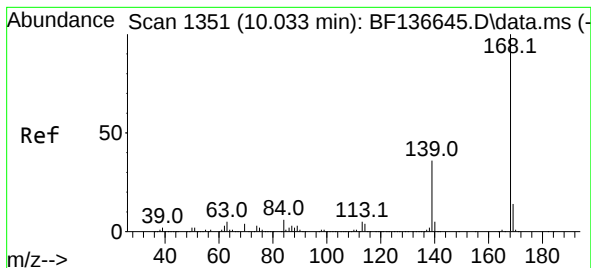
Delta R.T. 0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

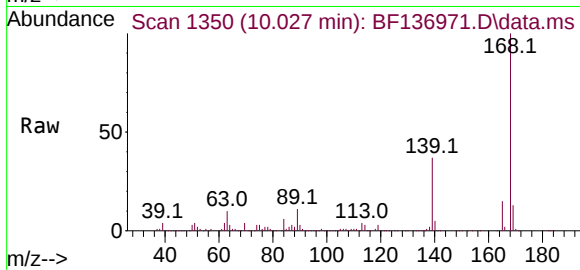
Tgt Ion:184 Resp: 75772
 Ion Ratio Lower Upper
 184 100
 63 52.0 40.9 61.3
 154 58.0 42.7 64.1





#55
Dibenzenofuran
Concen: 42.817 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

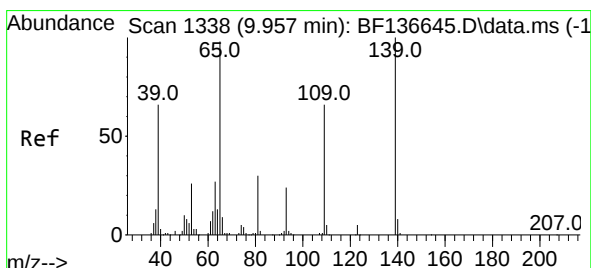
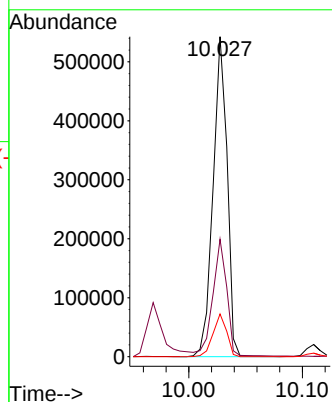
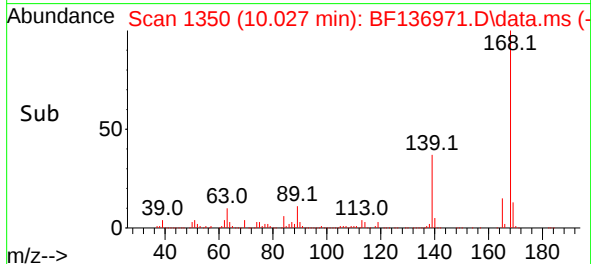
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



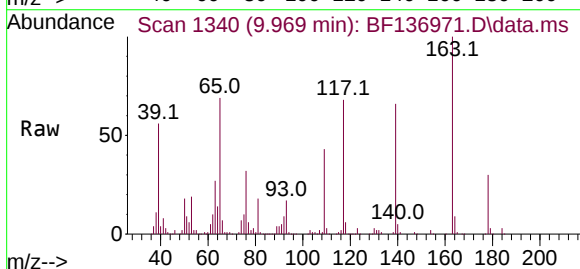
Tgt Ion:168 Resp: 46477
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.3 11.0 16.4

Manual Integrations
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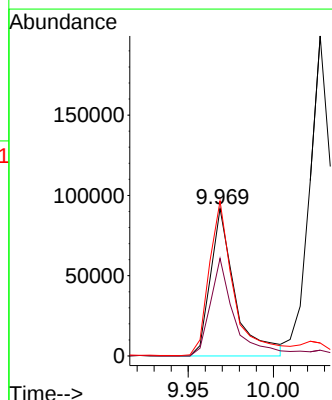
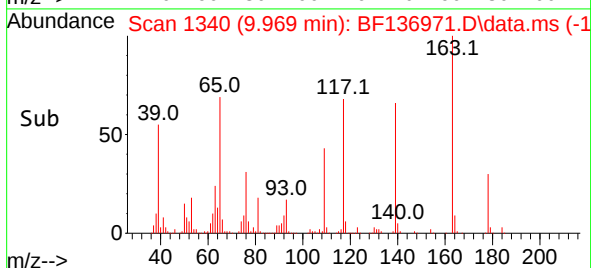
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

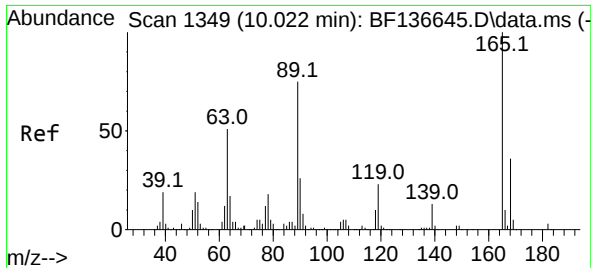


#56
4-Nitrophenol
Concen: 65.482 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:139 Resp: 91963
Ion Ratio Lower Upper
139 100
109 66.2 45.8 85.8
65 105.1 77.8 117.8





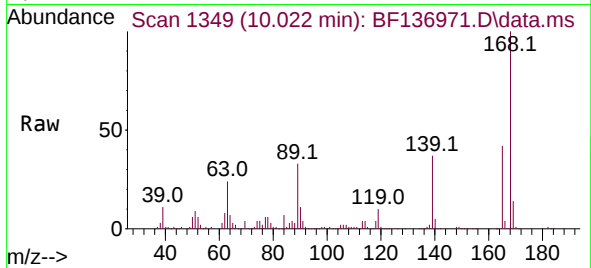
#57
2,4-Dinitrotoluene
Concen: 39.905 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



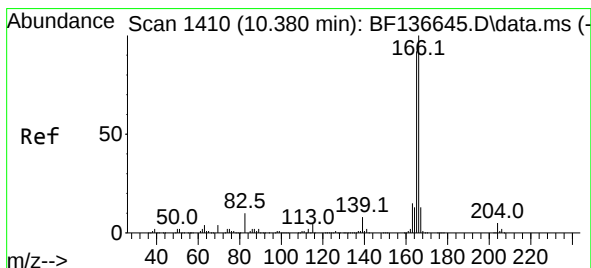
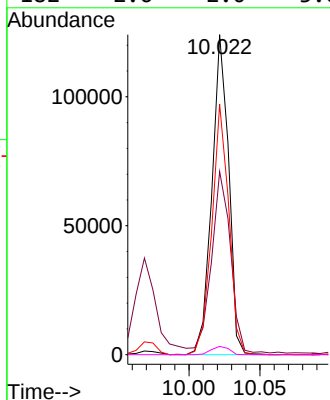
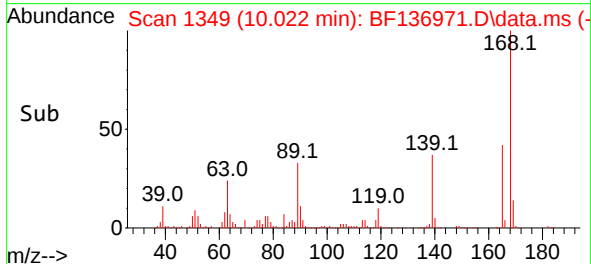
Tgt Ion:165 Resp: 101739
Ion Ratio Lower Upper
165 100
63 57.3 41.0 61.6
89 78.3 59.9 89.9
182 2.6 2.0 3.0

Manual Integrations

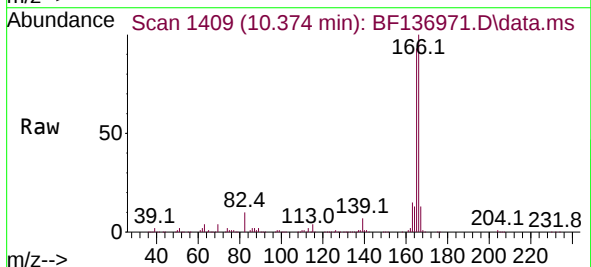
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

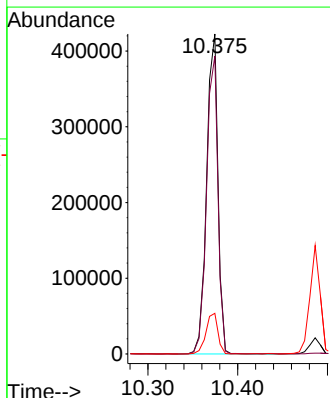
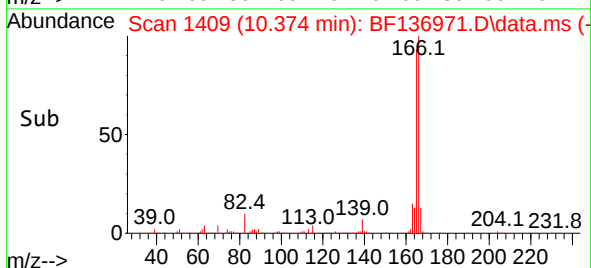
Supervised By :mohammad ahmed 01/06/2024



#58
Fluorene
Concen: 42.928 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



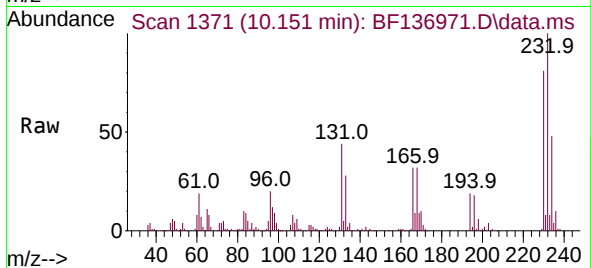
Tgt Ion:166 Resp: 369732
Ion Ratio Lower Upper
166 100
165 93.1 73.7 110.5
167 12.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.228 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

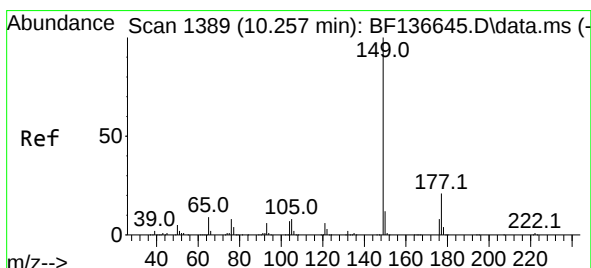
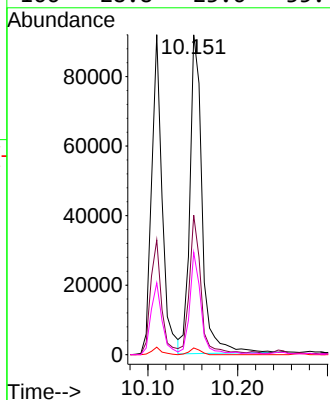
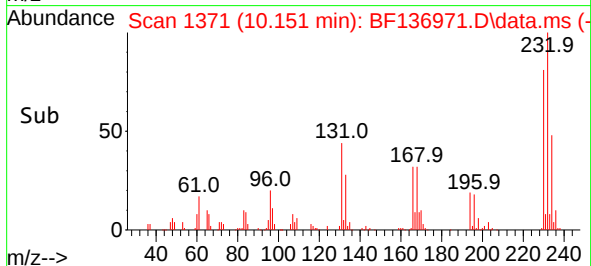
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:232 Resp: 8725
Ion Ratio Lower Upper
232 100
131 39.5 35.1 52.7
130 1.9 1.6 2.4
166 28.8 23.6 35.4

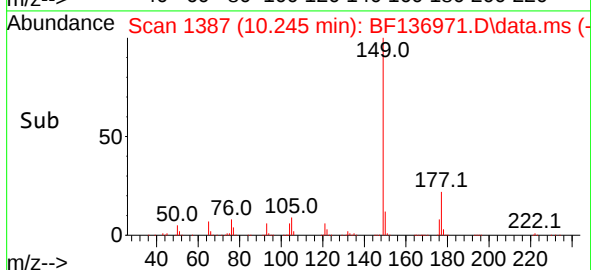
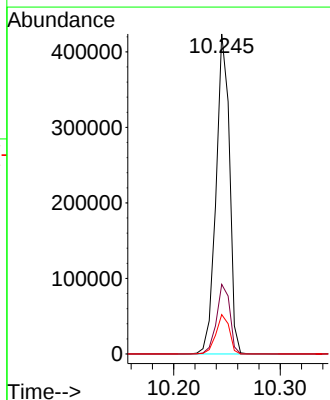
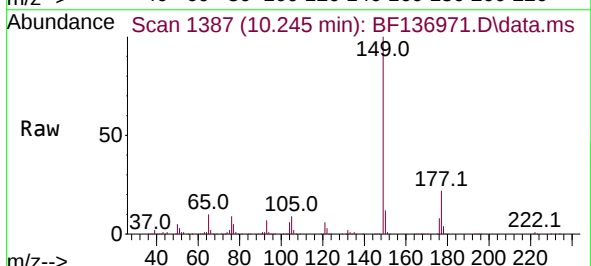
Manual Integrations
APPROVED

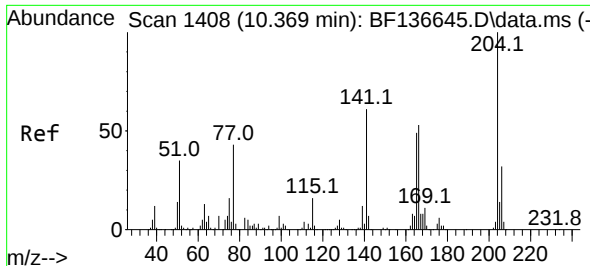
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#60
Diethylphthalate
Concen: 41.095 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

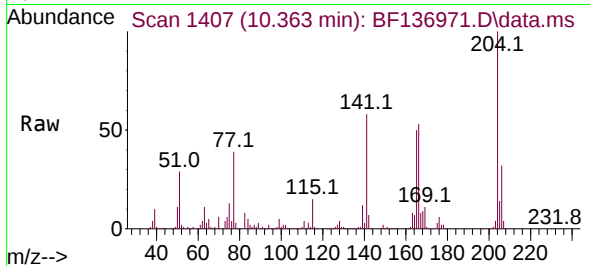
Tgt Ion:149 Resp: 368976
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 41.878 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

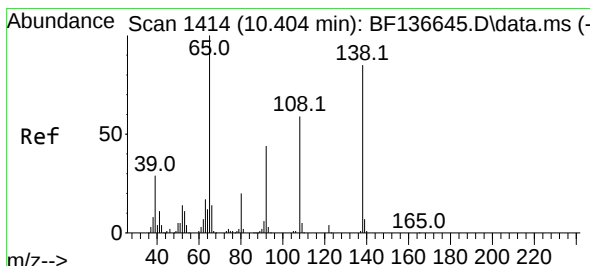
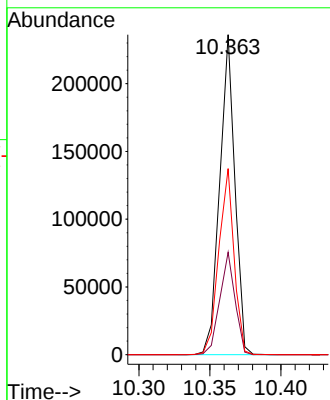
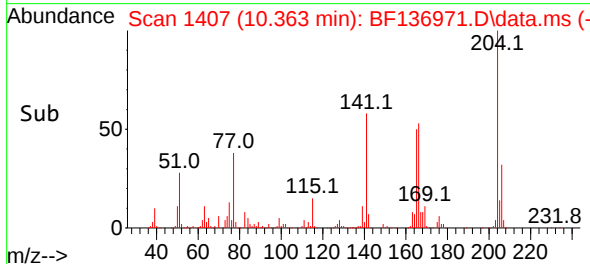
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:204 Resp: 175318
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 58.1 48.4 72.6

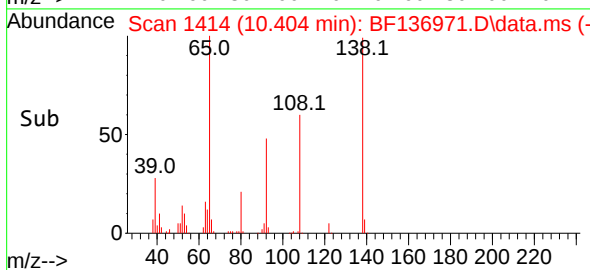
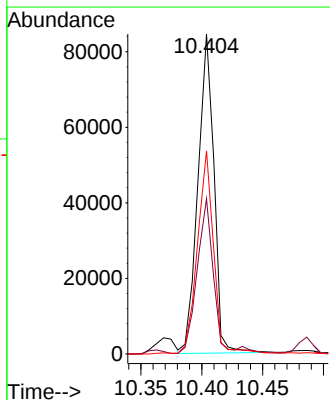
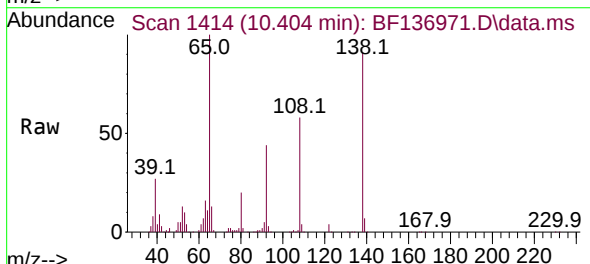
Manual Integrations
APPROVED

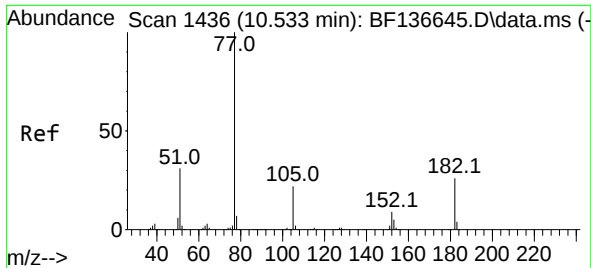
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#62
4-Nitroaniline
Concen: 38.601 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:138 Resp: 77416
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 63.4 50.1 90.1





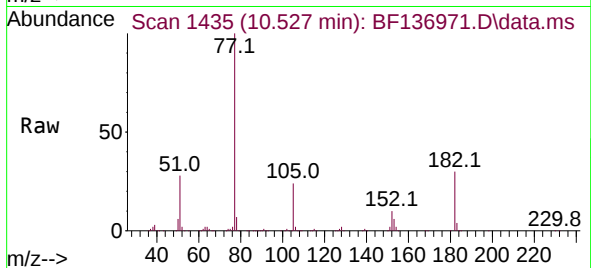
#63
Azobenzene
Concen: 41.023 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS



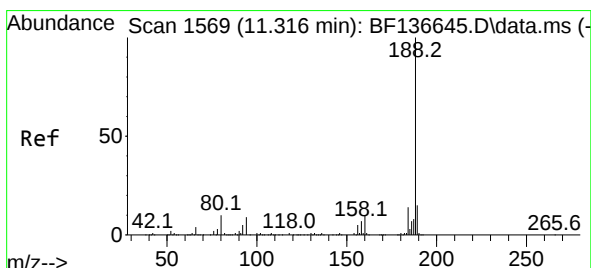
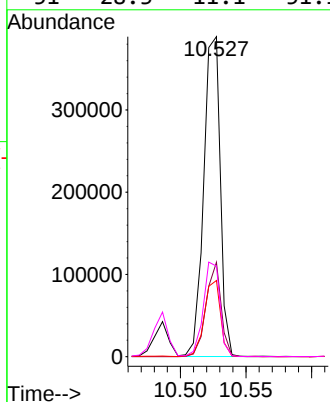
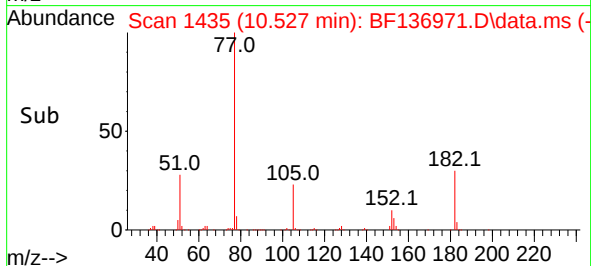
Tgt Ion: 77 Resp: 344020
Ion Ratio Lower Upper
77 100
182 29.5 6.0 46.0
105 23.8 2.3 42.3
51 28.3 11.1 51.1

Manual Integrations

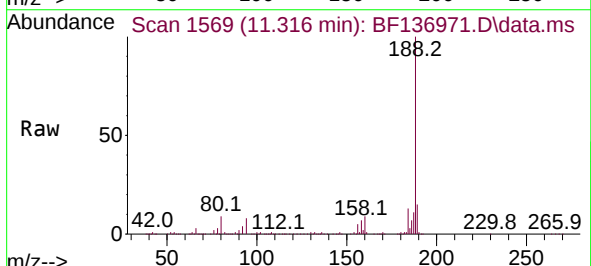
APPROVED

Reviewed By :Yogesh Patel 01/06/2024

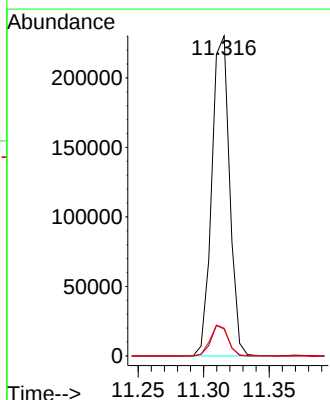
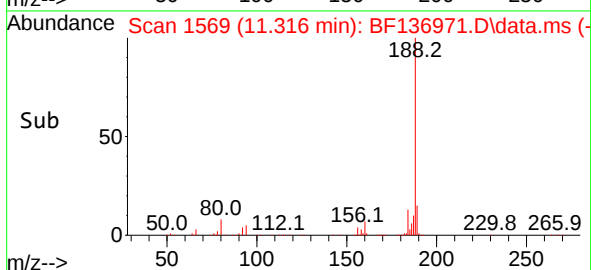
Supervised By :mohammad ahmed 01/06/2024

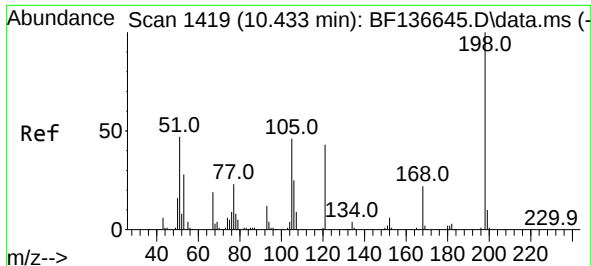


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:188 Resp: 217580
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.7 8.1 12.1





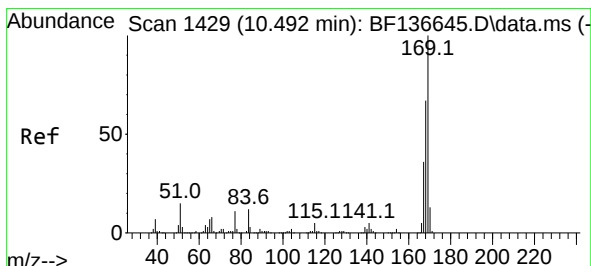
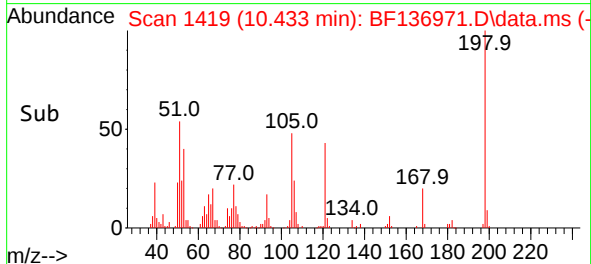
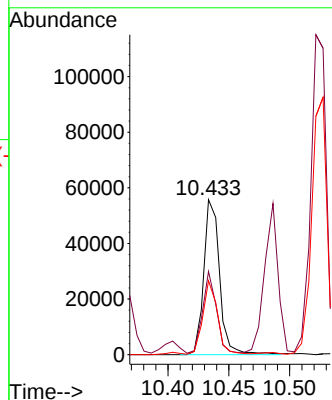
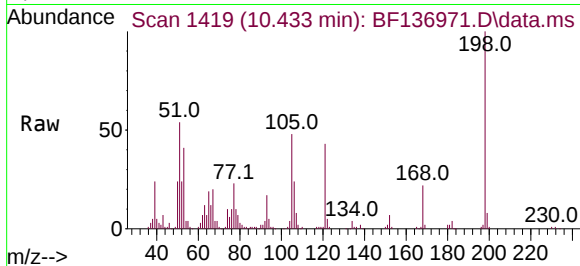
#65
4,6-Dinitro-2-methylphenol
Concen: 40.442 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:198 Resp: 50429
Ion Ratio Lower Upper
198 100
51 53.7 34.1 74.1
105 47.7 27.3 67.3

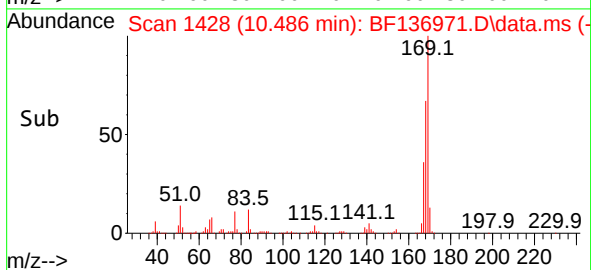
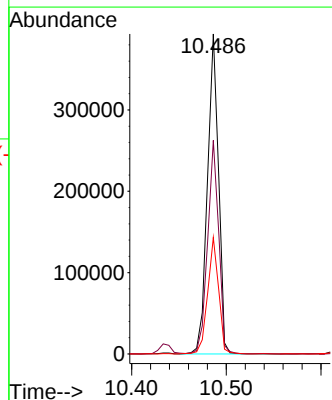
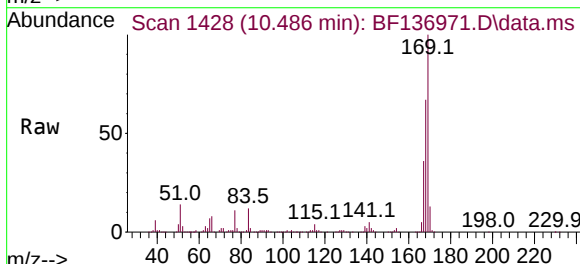
Manual Integrations
APPROVED

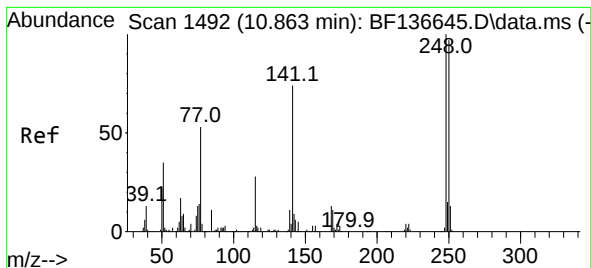
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#66
n-Nitrosodiphenylamine
Concen: 45.184 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

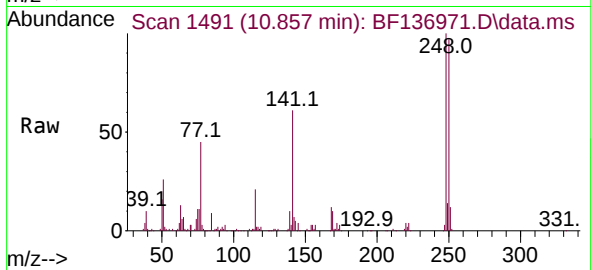
Tgt Ion:169 Resp: 319359
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.350 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

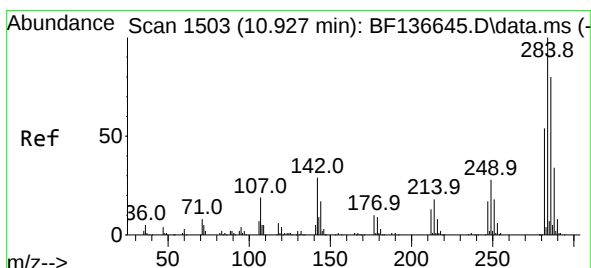
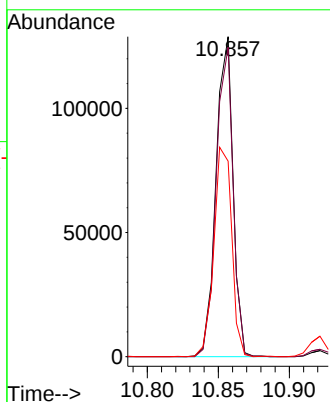
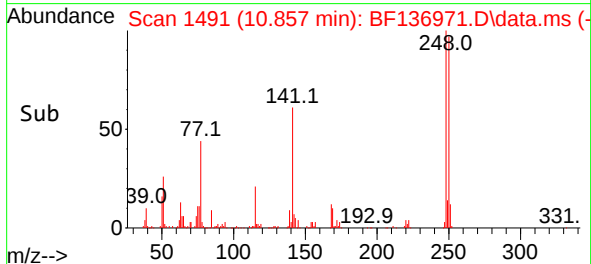
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



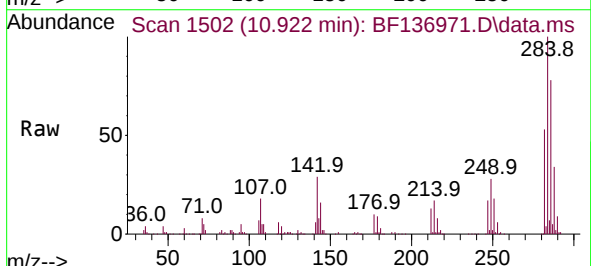
Tgt Ion:248 Resp: 10716
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 61.1 59.2 88.8

Manual Integrations
APPROVED

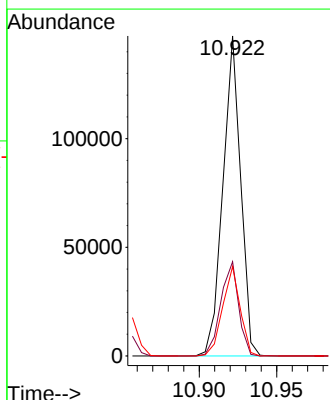
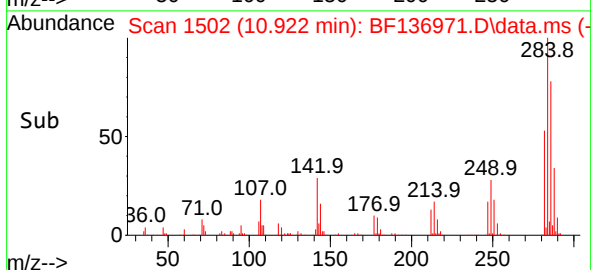
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#68
Hexachlorobenzene
Concen: 43.529 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



Tgt Ion:284 Resp: 117217
Ion Ratio Lower Upper
284 100
142 29.5 23.4 35.0
249 28.0 22.3 33.5





#69

Atrazine

Concen: 55.243 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion:200 Resp: 9986

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

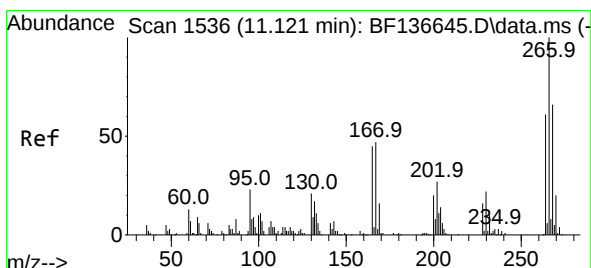
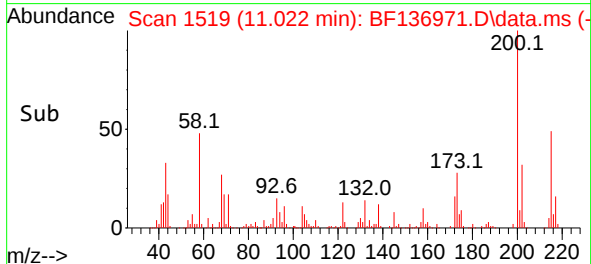
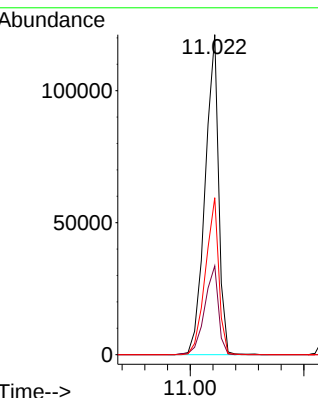
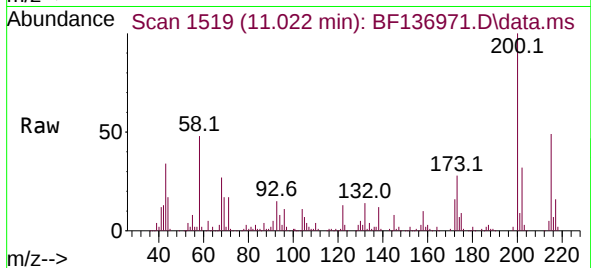
215 49.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#70

Pentachlorophenol

Concen: 70.434 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

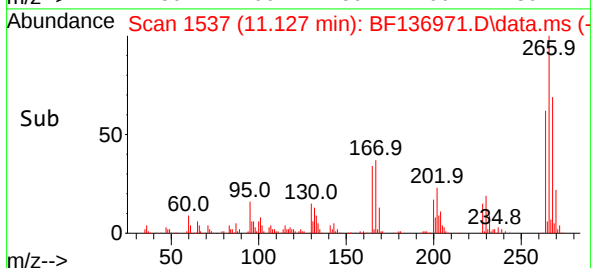
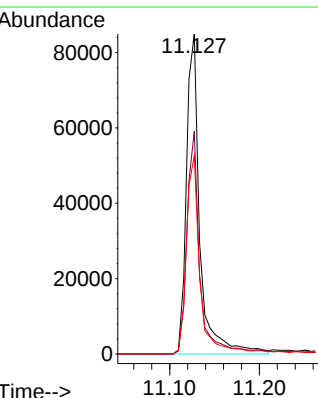
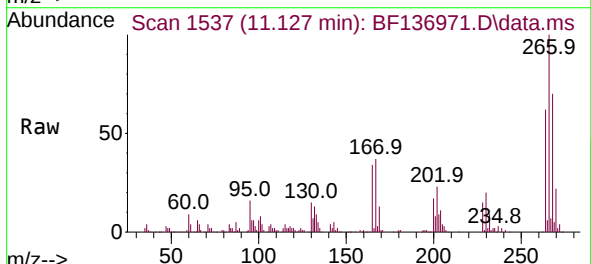
Tgt Ion:266 Resp: 88407

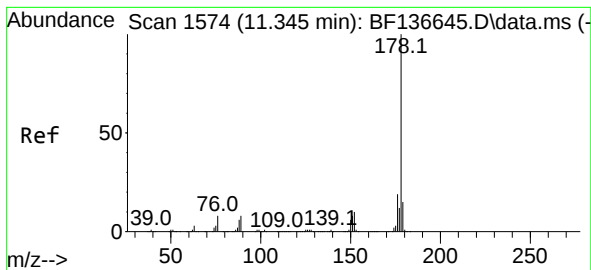
Ion Ratio Lower Upper

266 100

268 69.6 52.6 78.8

264 62.0 49.0 73.4





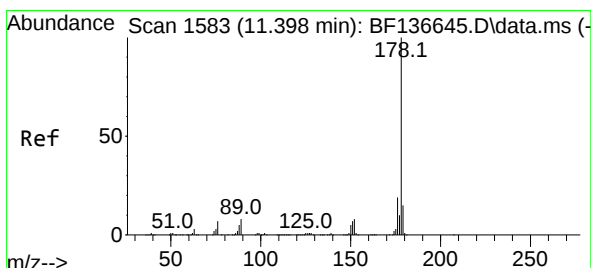
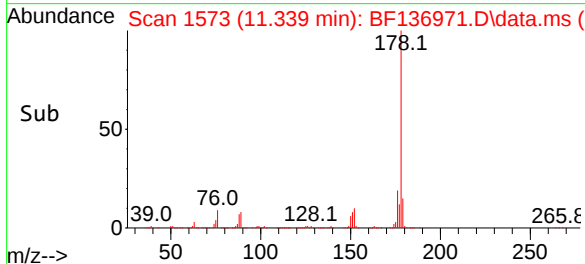
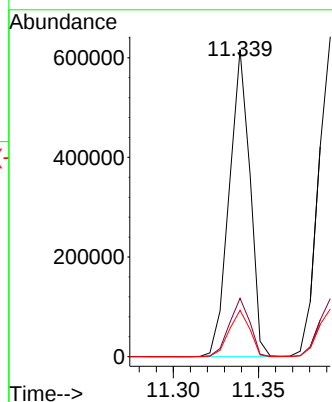
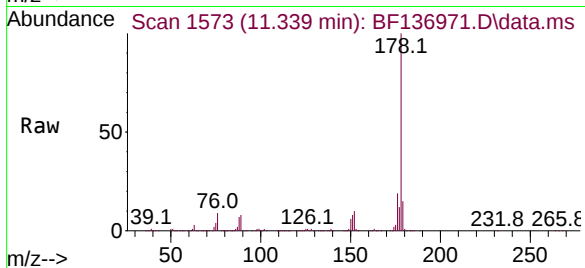
#71
Phenanthrene
Concen: 46.631 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :
BNA_F
ClientSampleId :
RBR200030MS

Tgt Ion:178 Resp: 520602
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.1 11.9 17.9

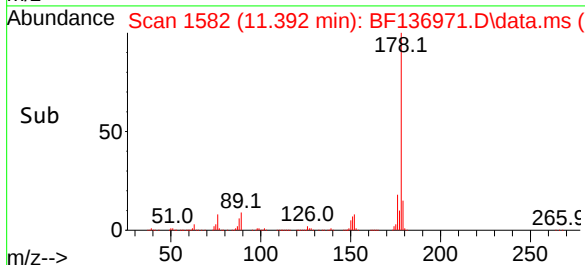
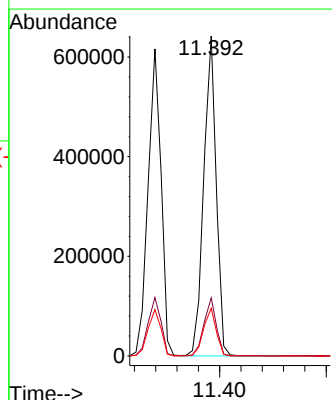
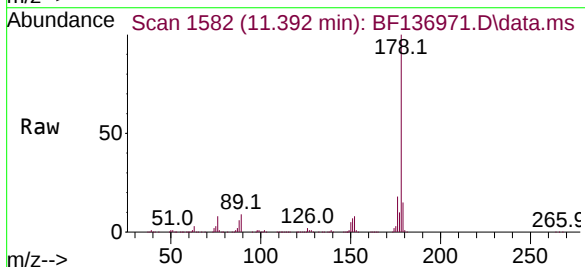
Manual Integrations
APPROVED

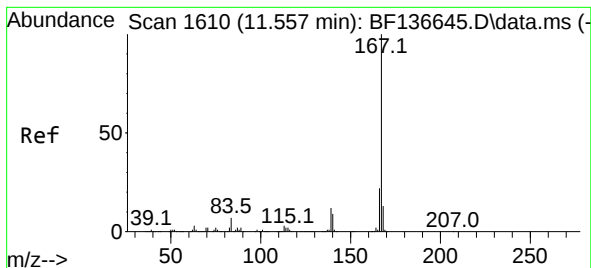
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#72
Anthracene
Concen: 46.384 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:178 Resp: 524436
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 42.547 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion:167 Resp: 453538

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

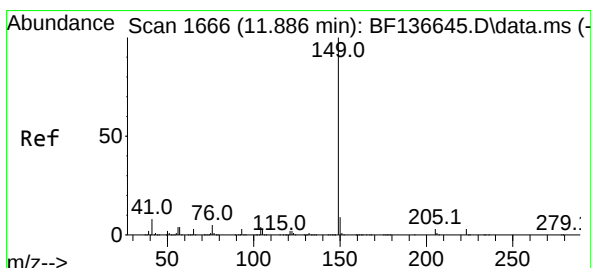
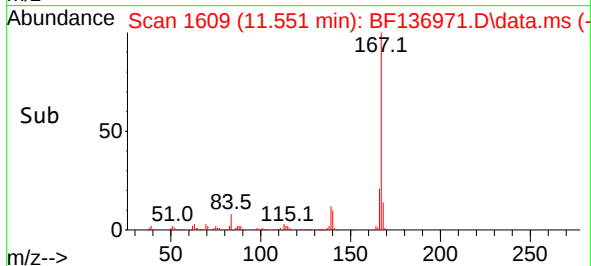
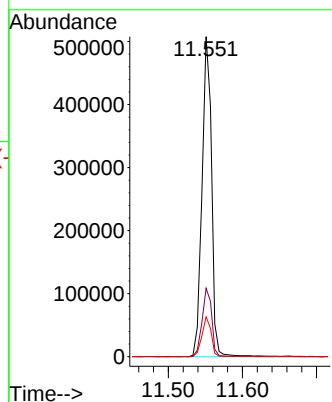
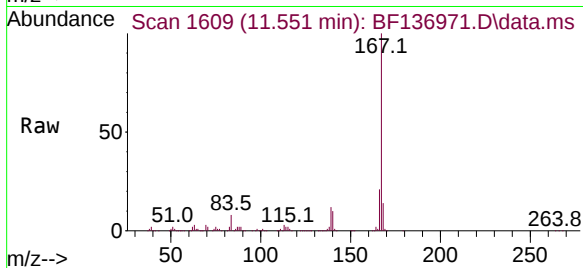
139 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#74

Di-n-butylphthalate

Concen: 44.113 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

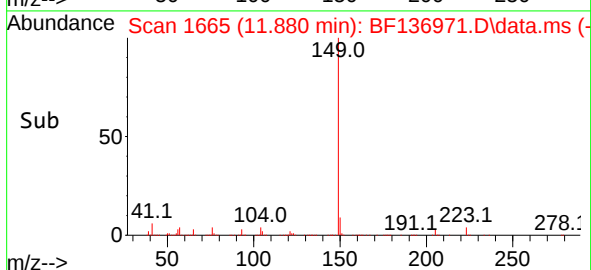
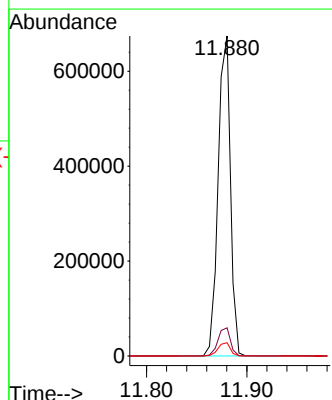
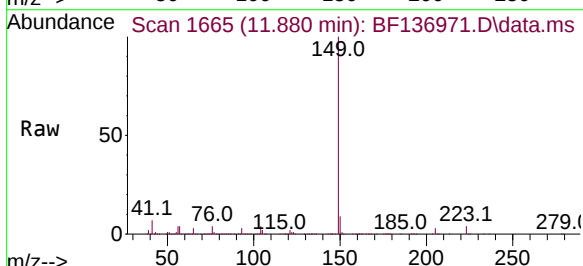
Tgt Ion:149 Resp: 573808

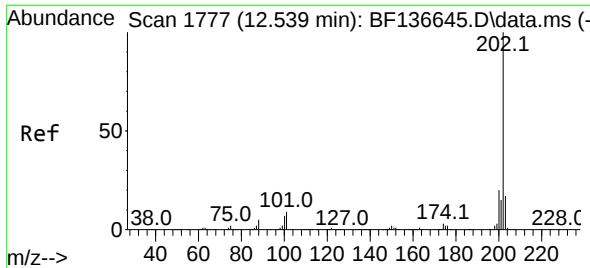
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

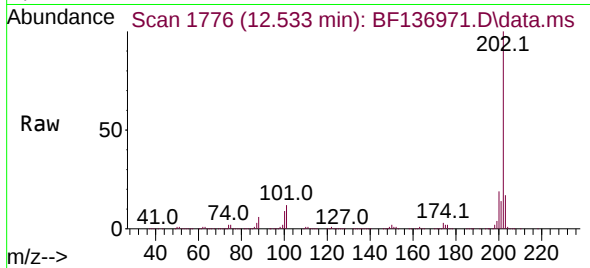
104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 44.339 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

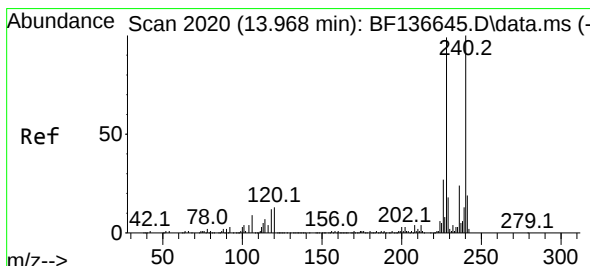
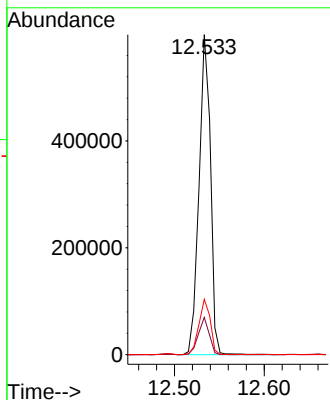
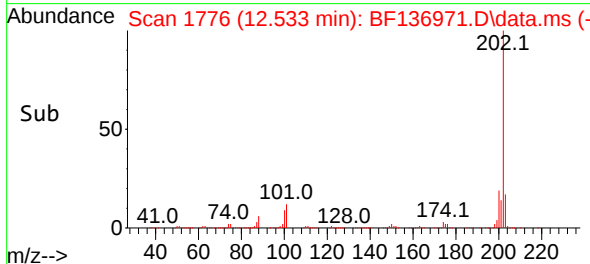
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:202 Resp: 52949
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.3 0.0 37.1

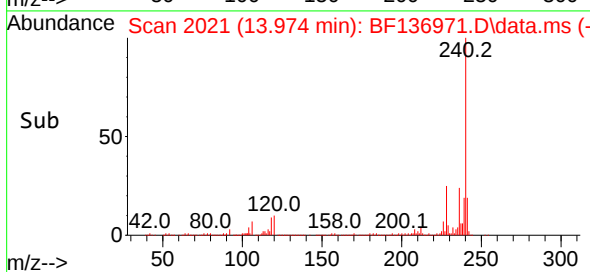
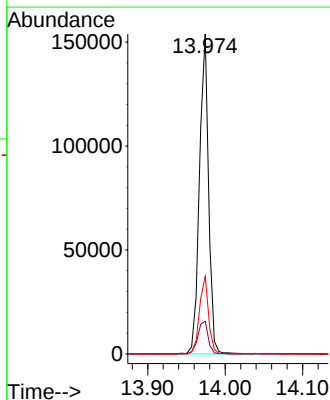
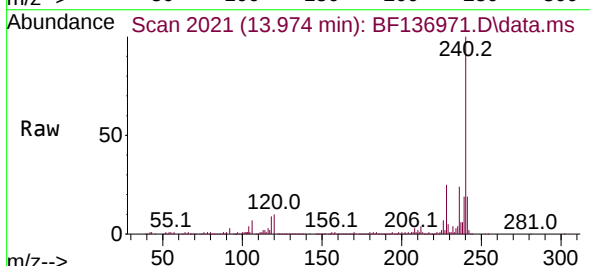
Manual Integrations
APPROVED

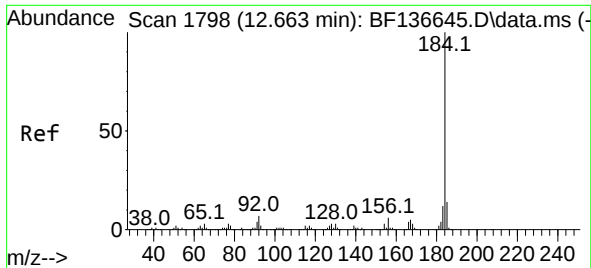
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

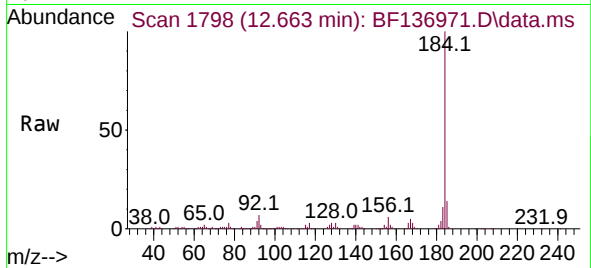
Tgt Ion:240 Resp: 126089
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 24.2 19.4 29.2





#77
Benzidine
Concen: 37.271 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

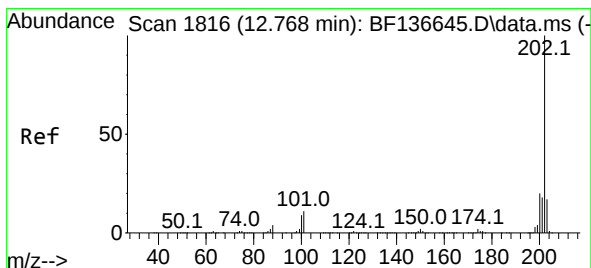
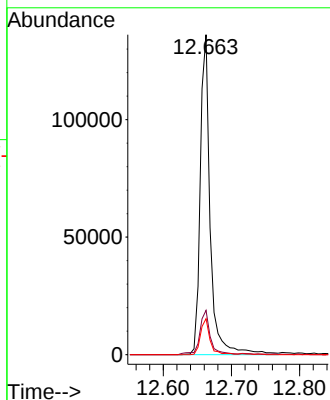
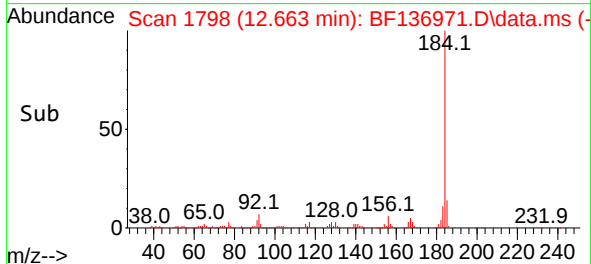
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



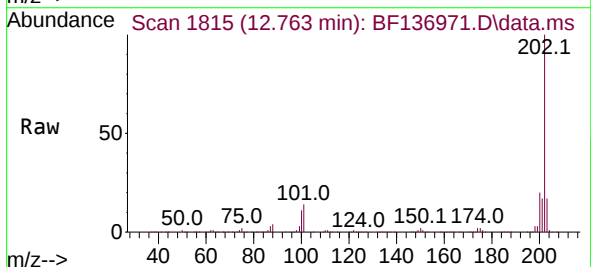
Tgt Ion:184 Resp: 138568
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.3 9.3 13.9

Manual Integrations
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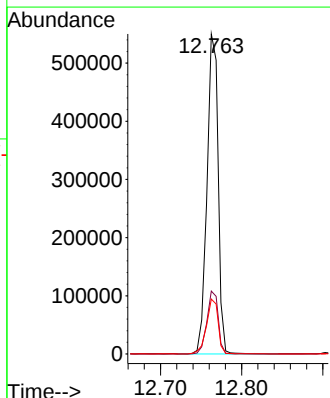
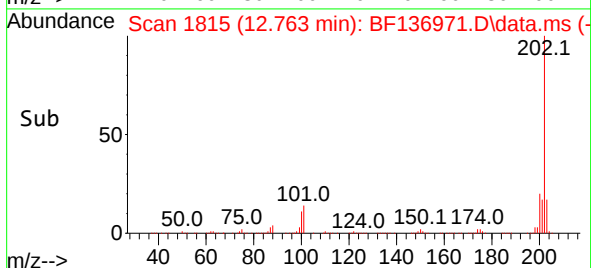
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

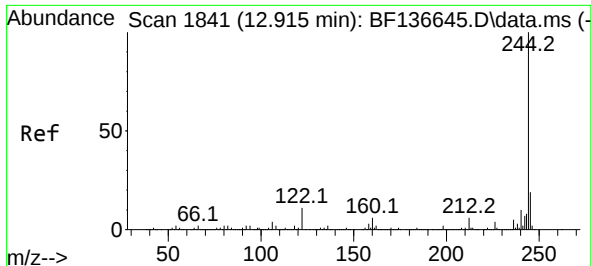


#78
Pyrene
Concen: 42.215 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44



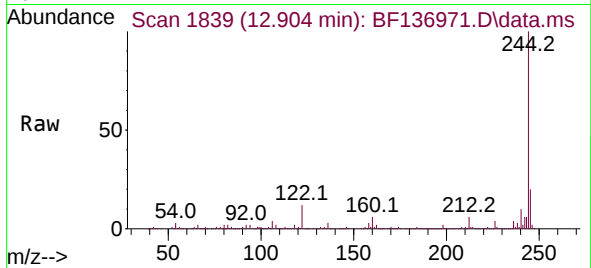
Tgt Ion:202 Resp: 522521
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 59.903 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136971.D
 Acq: 05 Jan 2024 12:44

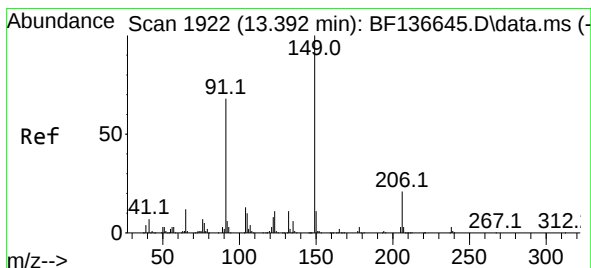
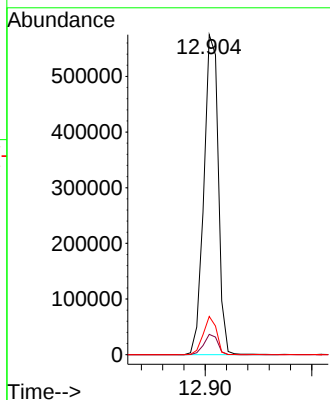
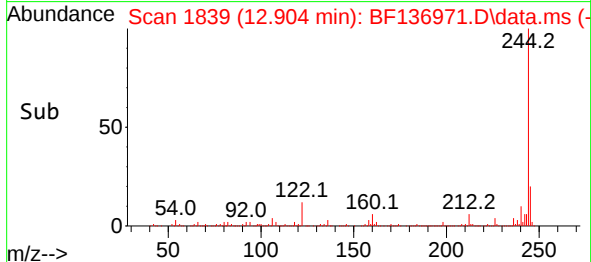
Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS



Tgt Ion:244 Resp: 54048
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.9 9.0 13.4

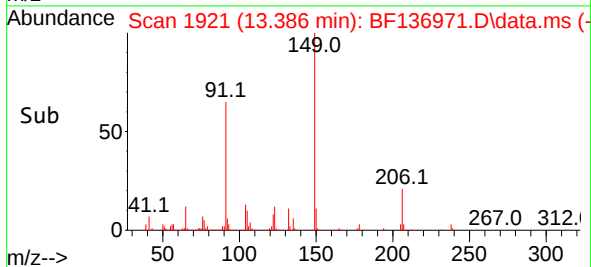
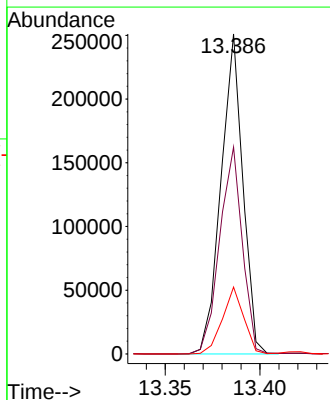
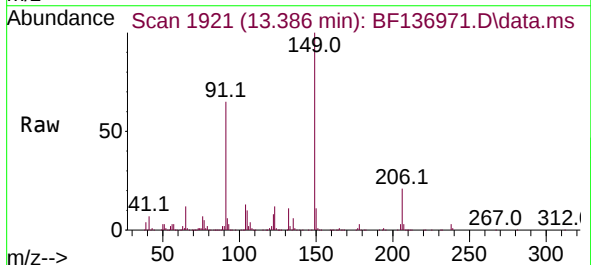
Manual Integrations
 APPROVED

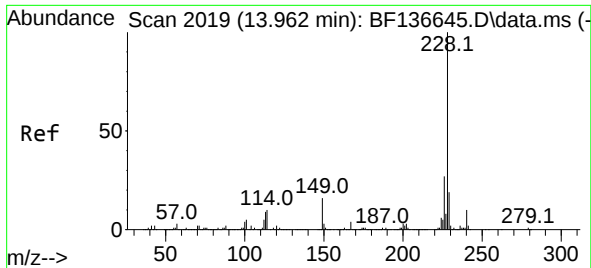
Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024



#80
 Butylbenzylphthalate
 Concen: 44.686 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136971.D
 Acq: 05 Jan 2024 12:44

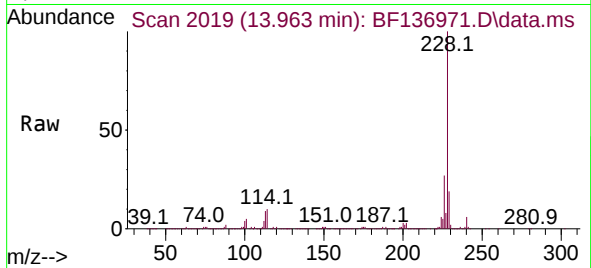
Tgt Ion:149 Resp: 201262
 Ion Ratio Lower Upper
 149 100
 91 64.7 54.1 81.1
 206 20.9 17.1 25.7





#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

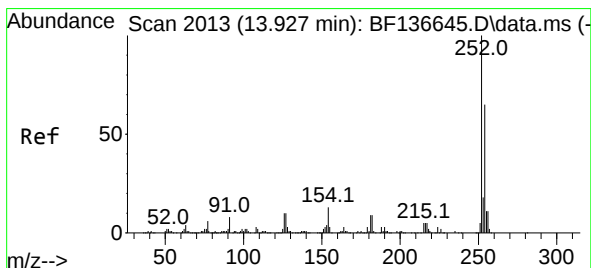
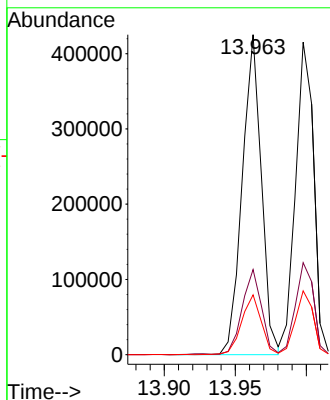
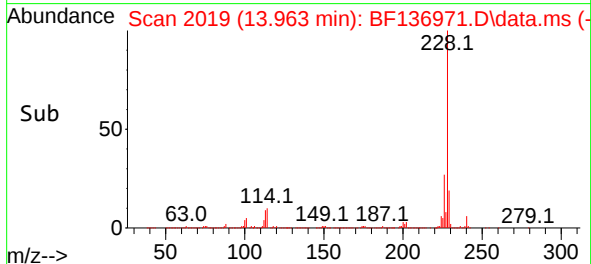
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:228 Resp: 398350
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 18.7 14.9 22.3

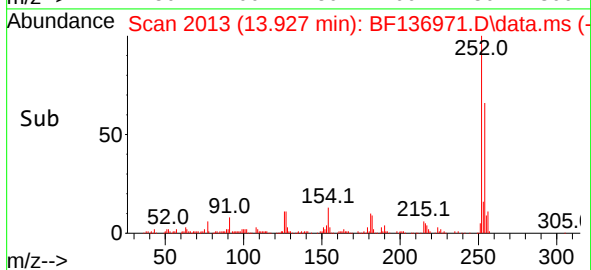
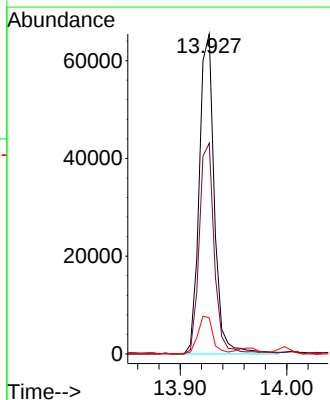
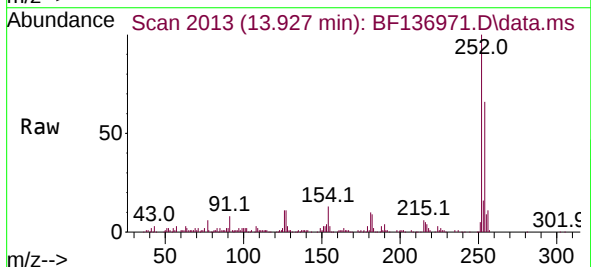
Manual Integrations
APPROVED

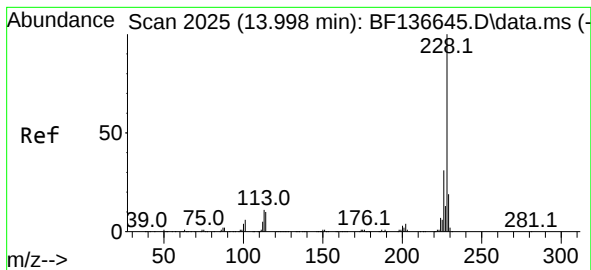
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 26.038 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:252 Resp: 64742
Ion Ratio Lower Upper
252 100
254 65.9 52.2 78.4
126 11.3 8.0 12.0





#83

Chrysene

Concen: 42.919 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

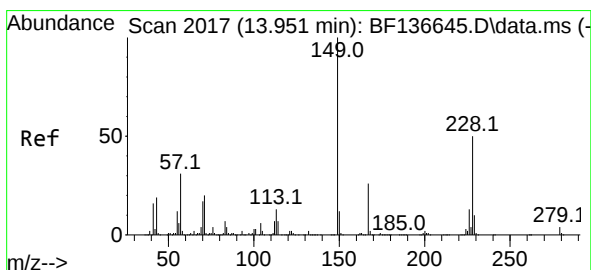
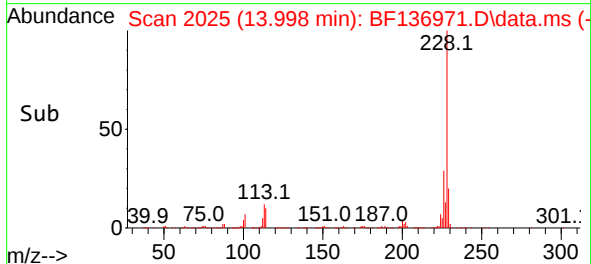
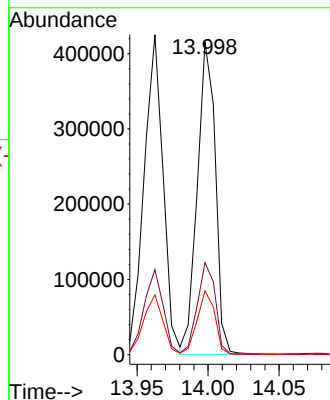
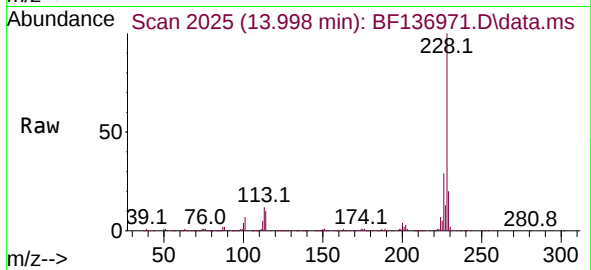
Tgt Ion:228 Resp: 36747
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.7 37.1
 229 20.4 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.253 ng

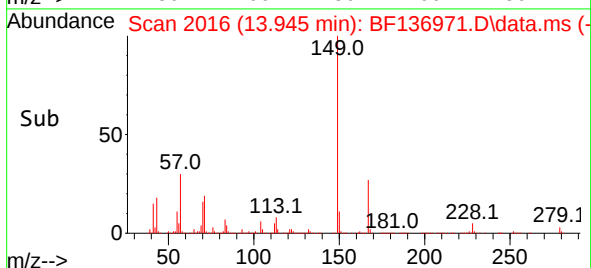
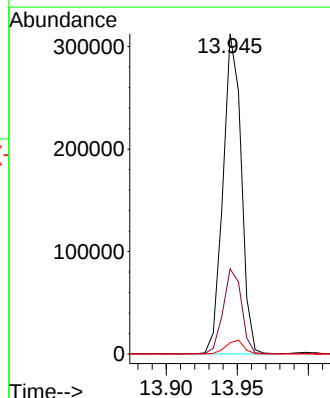
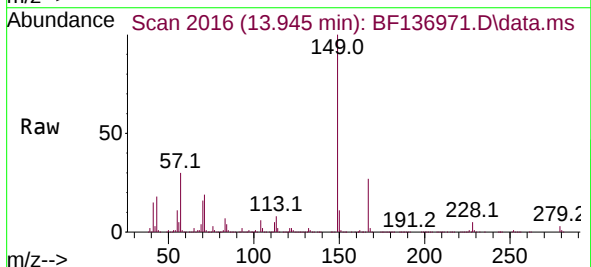
RT: 13.945 min Scan# 2016

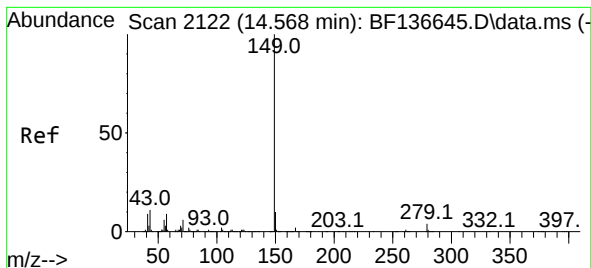
Delta R.T. -0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

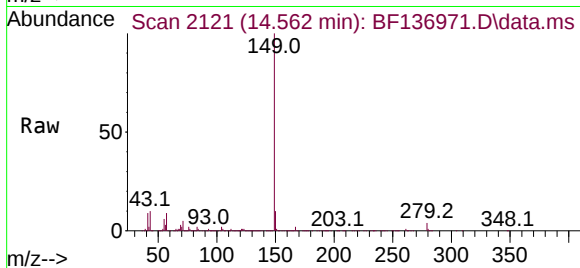
Tgt Ion:149 Resp: 279104
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.9 31.3
 279 3.5 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 50.156 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

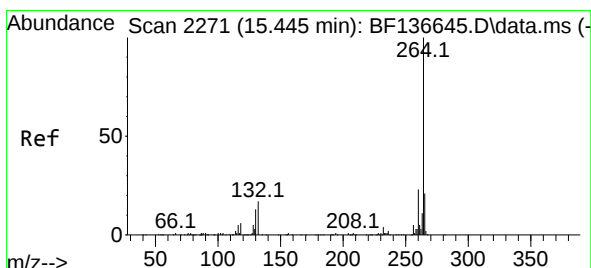
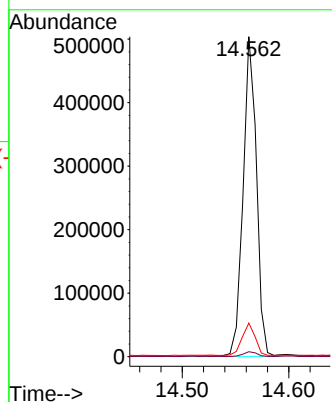
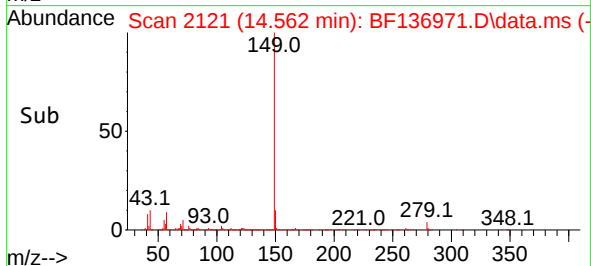
Instrument :
BNA_F
ClientSampleId :
RBR200030MS



Tgt Ion:149 Resp: 439650
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.9 13.3

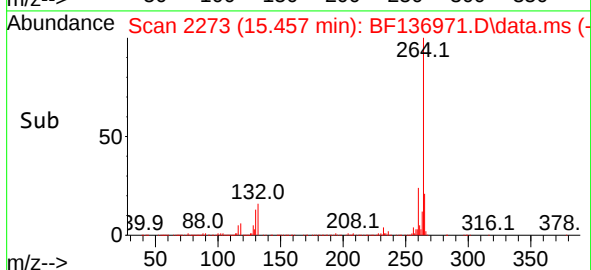
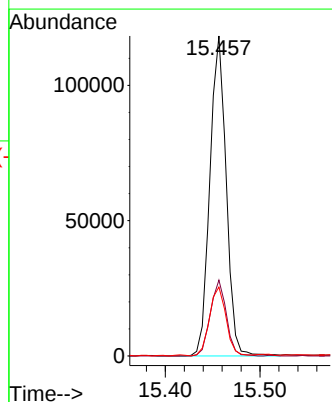
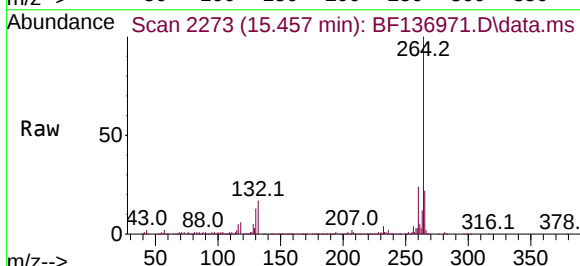
Manual Integrations
APPROVED

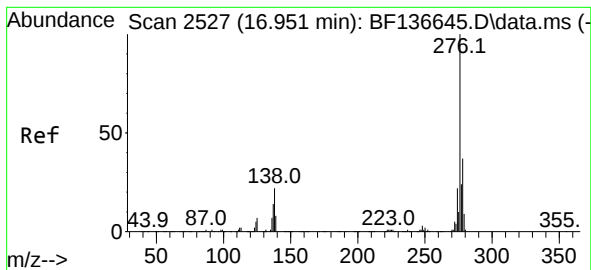
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:264 Resp: 141515
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.6 17.0 25.6





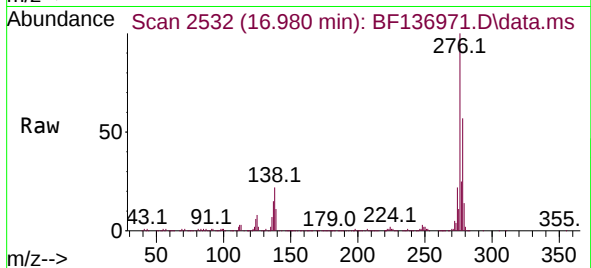
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.782 ng
RT: 16.980 min Scan# 2198
Delta R.T. 0.029 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

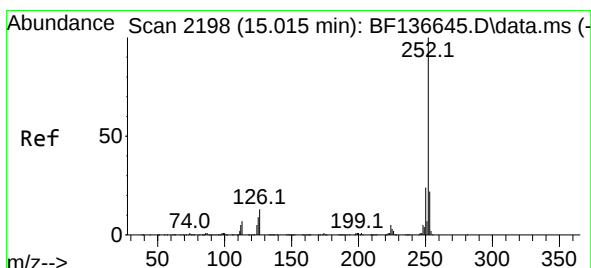
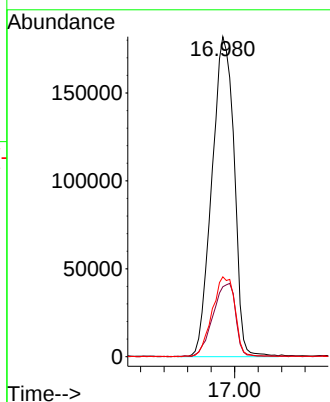
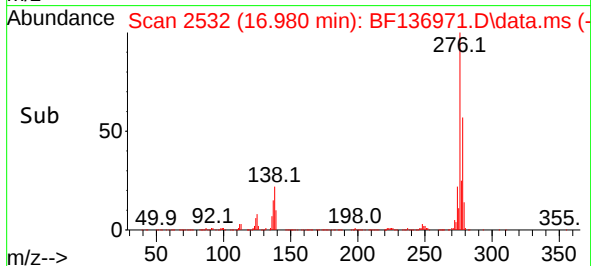


Tgt Ion:276 Resp: 478000
Ion Ratio Lower Upper
276 100
138 23.3 18.7 28.1
277 25.7 20.2 30.2

Manual Integrations

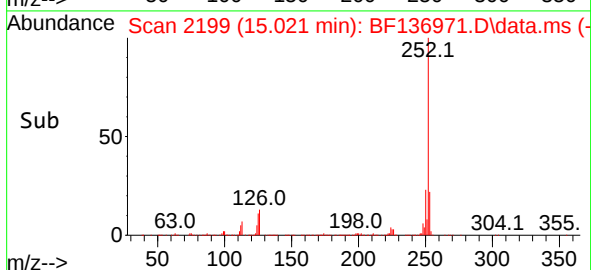
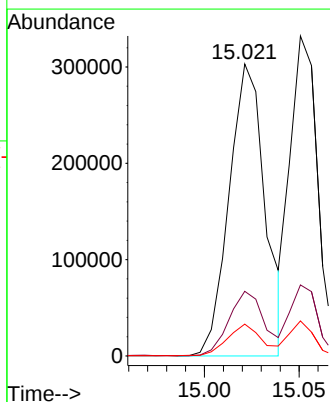
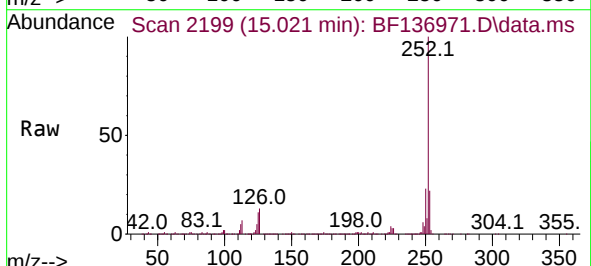
APPROVED

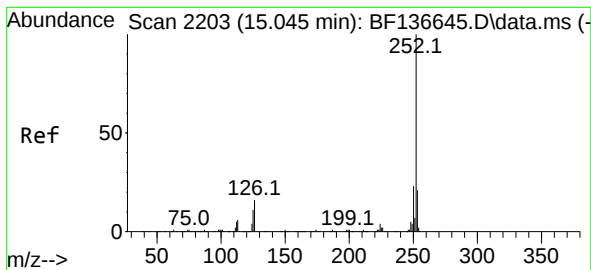
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#88
Benzo(b)fluoranthene
Concen: 42.520 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF136971.D
Acq: 05 Jan 2024 12:44

Tgt Ion:252 Resp: 401893
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.319 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

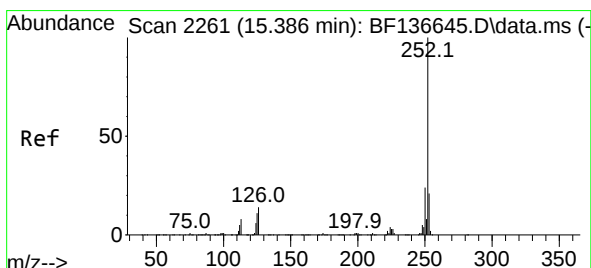
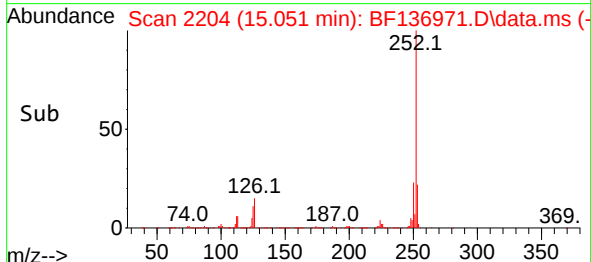
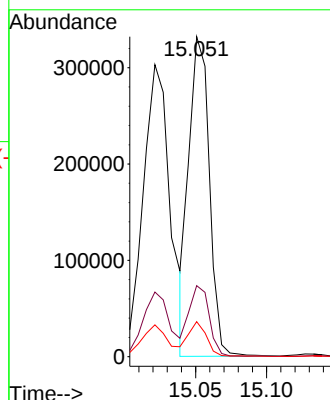
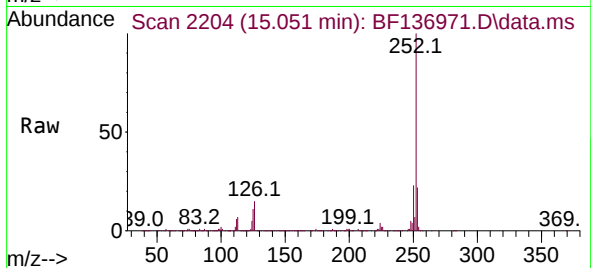
Tgt Ion:252 Resp: 333299
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.6
 125 10.9 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#90

Benzo(a)pyrene

Concen: 43.370 ng

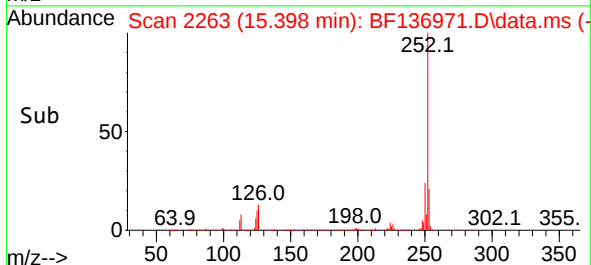
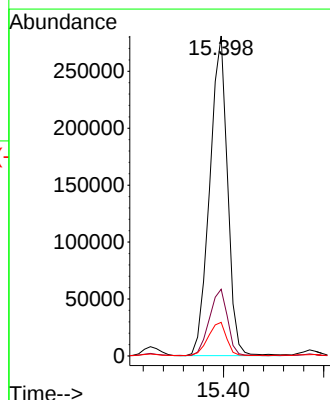
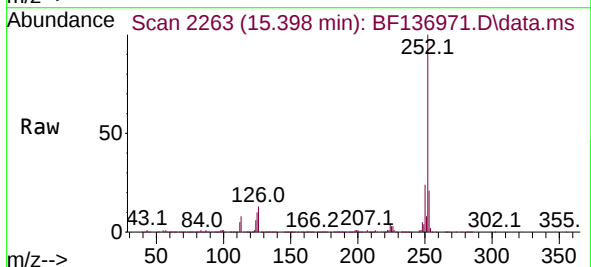
RT: 15.398 min Scan# 2263

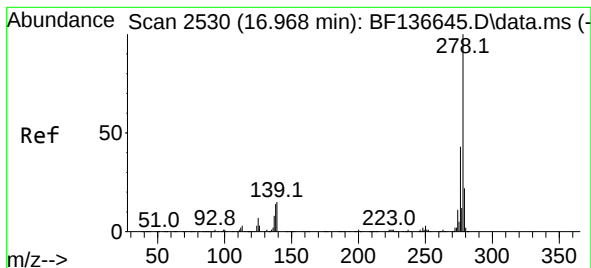
Delta R.T. 0.012 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Tgt Ion:252 Resp: 346024
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.0 25.6
 125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.130 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Instrument :

BNA_F

ClientSampleId :

RBR200030MS

Tgt Ion:278 Resp: 38668

Ion Ratio Lower Upper

278 100

139 14.1 12.2 18.4

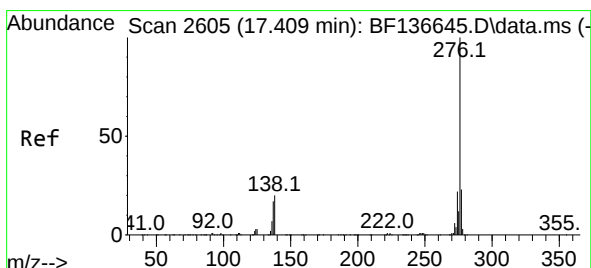
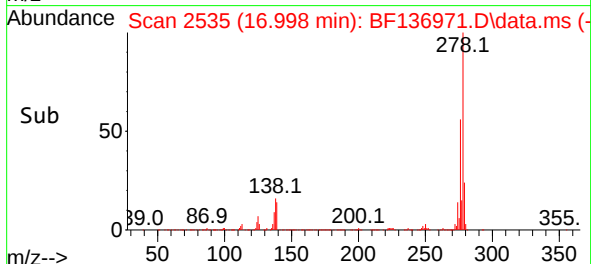
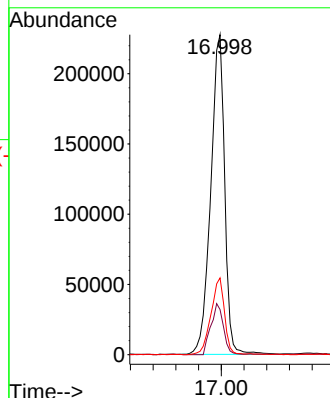
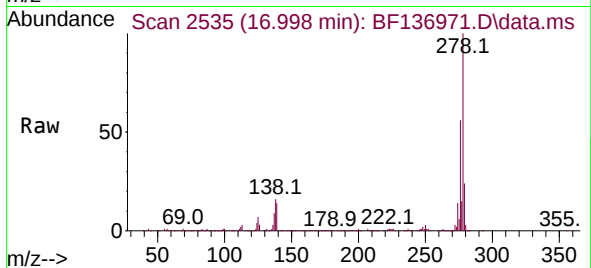
279 24.0 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#92

Benzo(g,h,i)perylene

Concen: 46.059 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.029 min

Lab File: BF136971.D

Acq: 05 Jan 2024 12:44

Tgt Ion:276 Resp: 395440

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 19.7 15.6 23.4

