

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140614.D
 Acq On : 25 Nov 2024 20:18
 Operator : RC/JU
 Sample : P4892-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 01:34:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68388	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	250576	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136071	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	265977	20.000	ng	0.00
76) Chrysene-d12	14.045	240	158457	20.000	ng	0.00
86) Perylene-d12	15.545	264	154128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	487107	121.528	ng	0.00
7) Phenol-d6	6.510	99	588940	111.144	ng	0.00
23) Nitrobenzene-d5	7.433	82	441755	90.176	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	209536	143.982	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	812987	89.020	ng	0.00
79) Terphenyl-d14	12.980	244	998992	98.169	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	61794	36.668	ng	98
3) Pyridine	3.469	79	136635	36.850	ng	99
4) n-Nitrosodimethylamine	3.398	42	86359	39.628	ng	94
6) Aniline	6.534	93	100493	26.944	ng	# 75
8) 2-Chlorophenol	6.663	128	180932	41.958	ng	95
9) Benzaldehyde	6.428	77	7953	2.835	ng	97
10) Phenol	6.522	94	207484	38.341	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	170117	41.081	ng	99
12) 1,3-Dichlorobenzene	6.810	146	139108	28.709	ng	99
13) 1,4-Dichlorobenzene	6.886	146	144489	29.451	ng	99
14) 1,2-Dichlorobenzene	7.039	146	143897	31.301	ng	99
15) Benzyl Alcohol	7.016	79	178620	45.455	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	198751	40.626	ng	91
17) 2-Methylphenol	7.128	107	149816	43.401	ng	97
18) Hexachloroethane	7.381	117	51686	28.207	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	135806	43.366	ng	98
20) 3+4-Methylphenols	7.281	107	195530	44.070	ng	91
22) Acetophenone	7.281	105	262476	42.966	ng	98
24) Nitrobenzene	7.451	77	204116	40.315	ng	99
25) Isophorone	7.692	82	373232	45.679	ng	99
26) 2-Nitrophenol	7.769	139	97570	43.486	ng	100
27) 2,4-Dimethylphenol	7.804	122	152516m	56.812	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	219376	44.072	ng	99
29) 2,4-Dichlorophenol	8.016	162	165314	46.472	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	149998	36.931	ng	100
31) Naphthalene	8.175	128	516754	40.037	ng	99
32) Benzoic acid	7.928	122	98272	42.955	ng	99
33) 4-Chloroaniline	8.228	127	47085	12.184	ng	99
34) Hexachlorobutadiene	8.286	225	93509	34.759	ng	99
35) Caprolactam	8.586	113	45577m	41.401	ng	
36) 4-Chloro-3-methylphenol	8.710	107	183294	46.021	ng	98
37) 2-Methylnaphthalene	8.863	142	362690	44.242	ng	100
38) 1-Methylnaphthalene	8.963	142	334560	41.635	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	178801	44.886	ng	99
41) Hexachlorocyclopentadiene	9.016	237	135486	144.814	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	119232	47.701	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	129606	47.776	ng	98
46) 1,1'-Biphenyl	9.327	154	464325	45.705	ng	99
47) 2-Chloronaphthalene	9.351	162	345698	44.908	ng	99
48) 2-Nitroaniline	9.451	65	122141	49.433	ng	99
49) Acenaphthylene	9.769	152	583694	50.185	ng	99
50) Dimethylphthalate	9.627	163	443335	49.471	ng	100
51) 2,6-Dinitrotoluene	9.692	165	95189	46.835	ng	96
52) Acenaphthene	9.939	154	355666	48.127	ng	98
53) 3-Nitroaniline	9.863	138	44625	22.449	ng	96
54) 2,4-Dinitrophenol	9.980	184	101741	95.027	ng	96
55) Dibenzofuran	10.116	168	543099	48.180	ng	99
56) 4-Nitrophenol	10.039	139	131867	97.270	ng	98
57) 2,4-Dinitrotoluene	10.098	165	136165	50.410	ng	96
58) Fluorene	10.457	166	432577	47.809	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	115986	55.632	ng	93
60) Diethylphthalate	10.327	149	445170	48.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	210620	47.433	ng	99
62) 4-Nitroaniline	10.480	138	103456	49.623	ng	98
63) Azobenzene	10.610	77	418948	48.588	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	72339	53.224	ng	98
66) n-Nitrosodiphenylamine	10.569	169	380471	48.371	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	125800	45.927	ng	98
68) Hexachlorobenzene	11.010	284	144983	45.712	ng	99
69) Atrazine	11.092	200	125336	56.642	ng	98
70) Pentachlorophenol	11.204	266	150143	107.558	ng	100
71) Phenanthrene	11.421	178	641827	50.201	ng	99
72) Anthracene	11.474	178	654706	52.350	ng	99
73) Carbazole	11.633	167	623193	51.798	ng	99
74) Di-n-butylphthalate	11.951	149	693409	49.921	ng	100
75) Fluoranthene	12.616	202	713438	51.395	ng	100
77) Benzidine	12.733	184	84067	18.247	ng	99
78) Pyrene	12.845	202	734707	50.146	ng	99
80) Butylbenzylphthalate	13.457	149	260689	49.392	ng	100
81) Benzo(a)anthracene	14.039	228	533478	50.860	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	80889	25.685	ng	96
83) Chrysene	14.074	228	477909	49.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	331820	49.789	ng	99
85) Di-n-octyl phthalate	14.645	149	476576	52.325	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	504658	50.243	ng	99
88) Benzo(b)fluoranthene	15.109	252	429558	44.371	ng	99
89) Benzo(k)fluoranthene	15.139	252	442743	52.261	ng	100
90) Benzo(a)pyrene	15.480	252	417691	53.064	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	414830	50.429	ng	99
92) Benzo(g,h,i)perylene	17.509	276	373682	44.517	ng	98

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

Manual Integrations

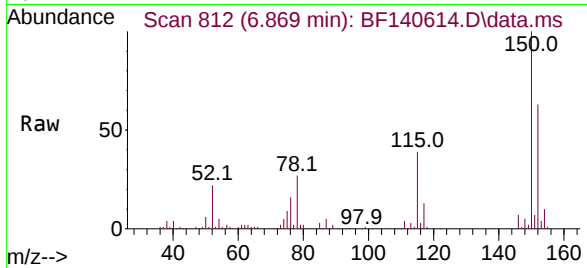
Quant Time: Nov 26 01:34:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

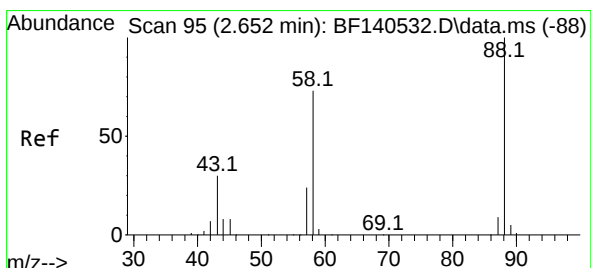
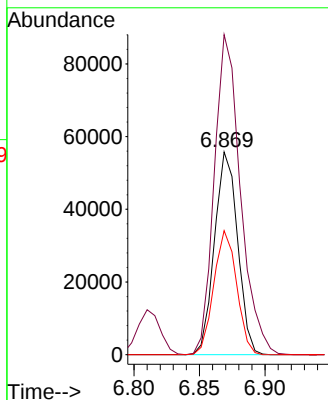
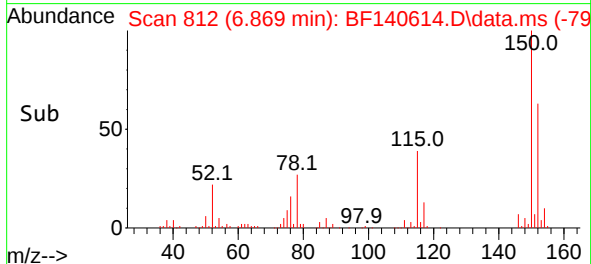
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
150 157.9 128.5 192.7
115 61.2 50.2 75.4

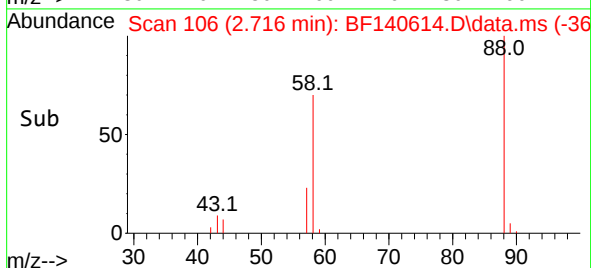
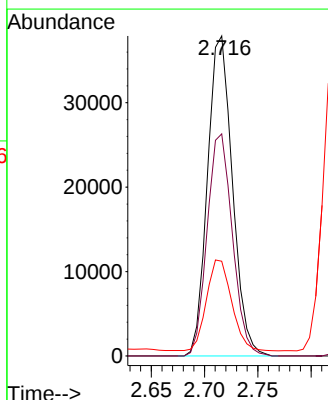
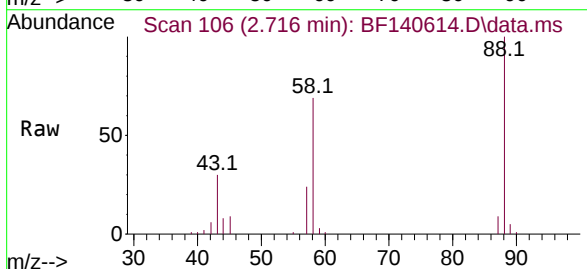
Manual Integrations
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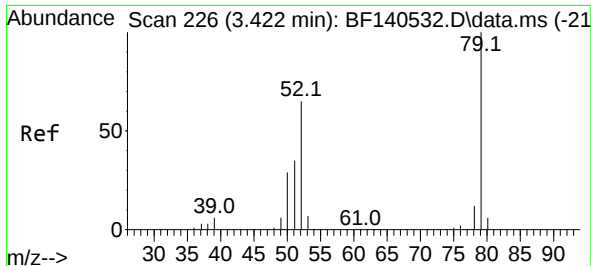
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 36.668 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.065 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

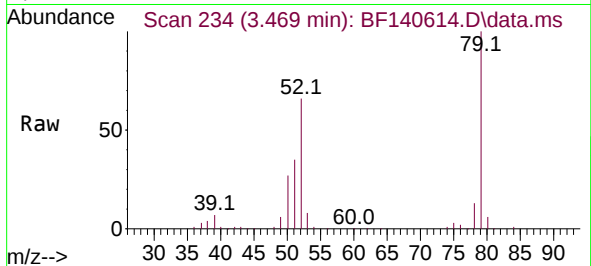
Tgt Ion: 88 Resp: 61794
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 29.0 24.3 36.5





#3
Pyridine
Concen: 36.850 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

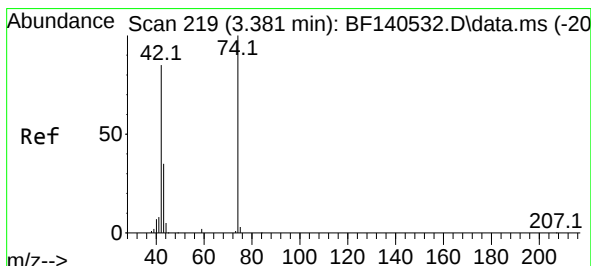
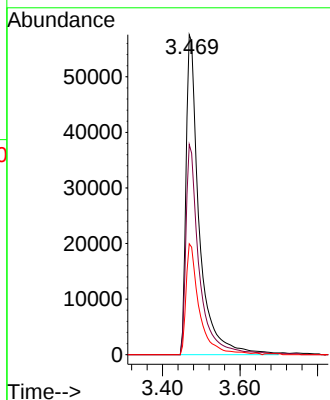
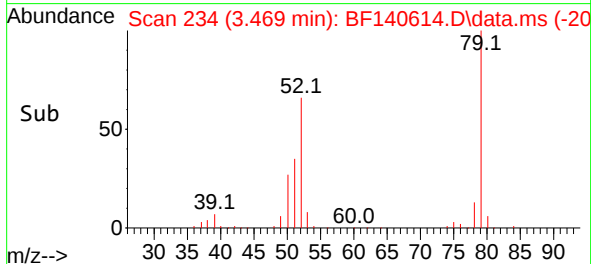
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



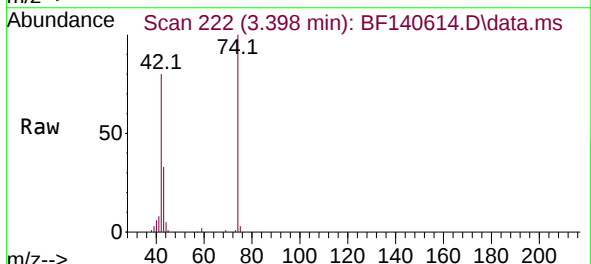
Tgt Ion: 79 Resp: 13663
Ion Ratio Lower Upper
79 100
52 65.7 52.1 78.1
51 34.7 27.8 41.8

Manual Integrations
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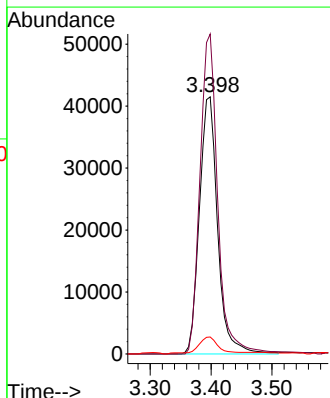
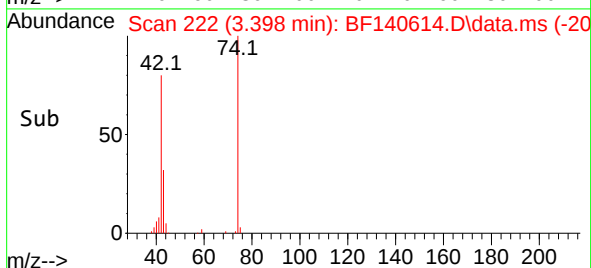
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 39.628 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.018 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion: 42 Resp: 86359
Ion Ratio Lower Upper
42 100
74 124.5 93.8 140.6
44 6.6 4.6 6.8





#5
2-Fluorophenol
Concen: 121.528 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

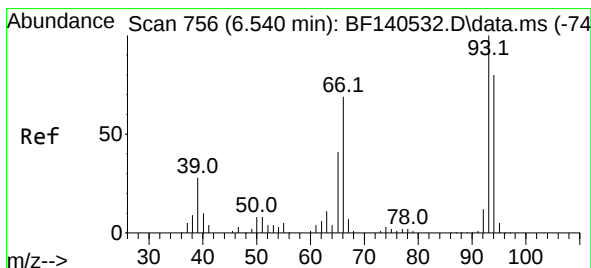
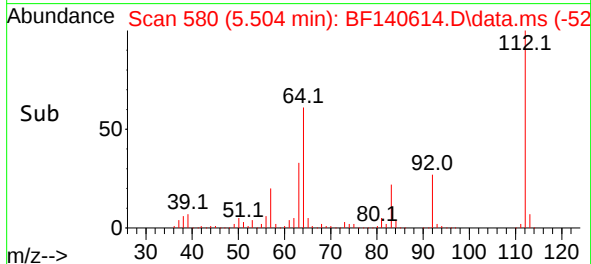
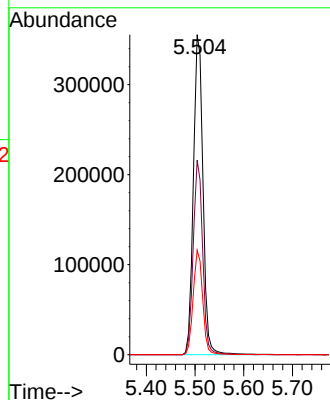
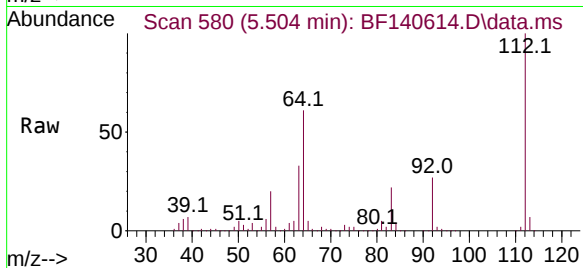
WB-310-BOTMSD

Tgt Ion:112 Resp: 48710
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 32.6 27.0 40.4

Manual Integrations

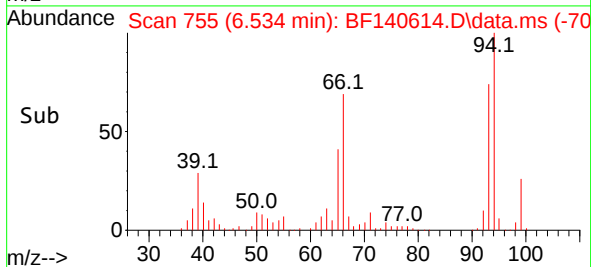
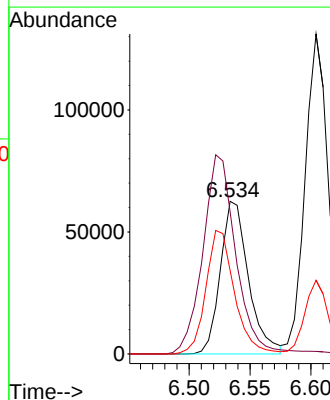
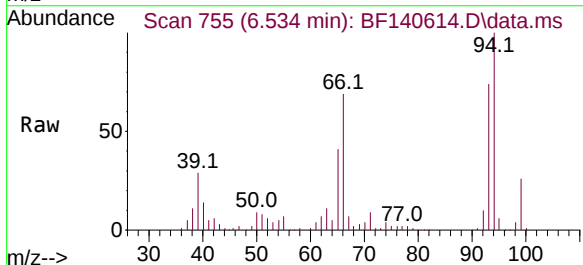
APPROVED

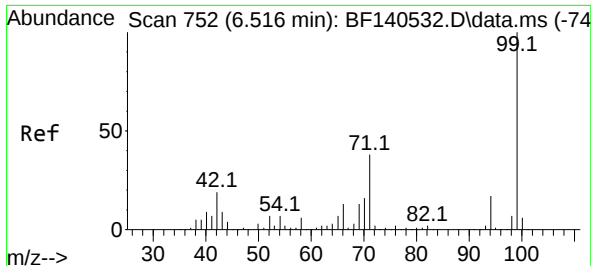
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 26.944 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion: 93 Resp: 100493
Ion Ratio Lower Upper
93 100
66 93.2 56.5 84.7#
65 54.8 32.9 49.3#





#7

Phenol-d6

Concen: 111.144 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion: 99 Resp: 588940

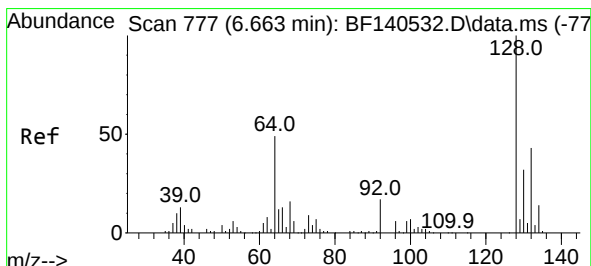
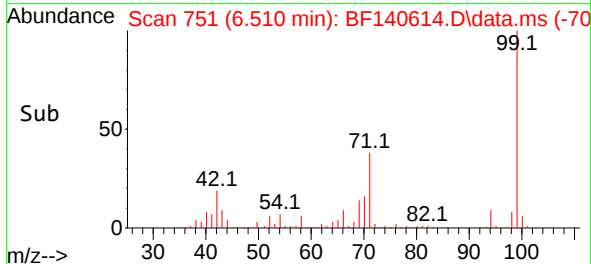
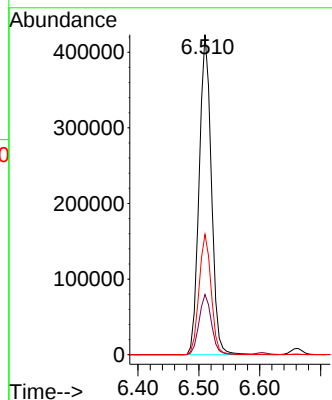
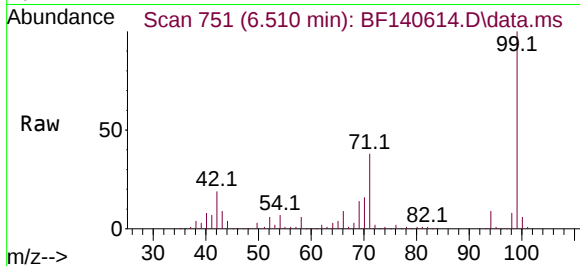
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.4	23.0
71	37.6	30.6	46.0

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#8

2-Chlorophenol

Concen: 41.958 ng

RT: 6.663 min Scan# 777

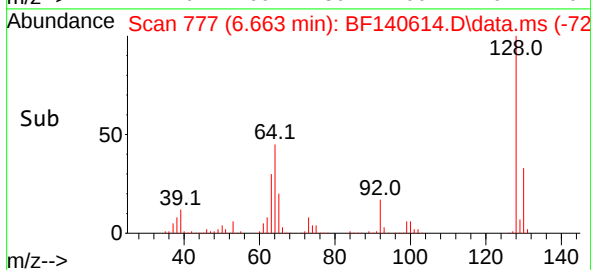
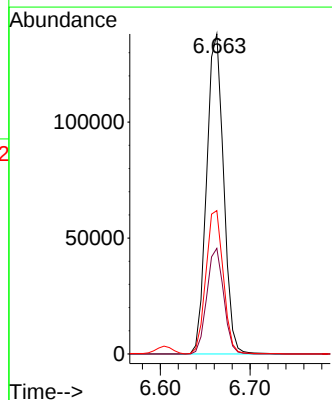
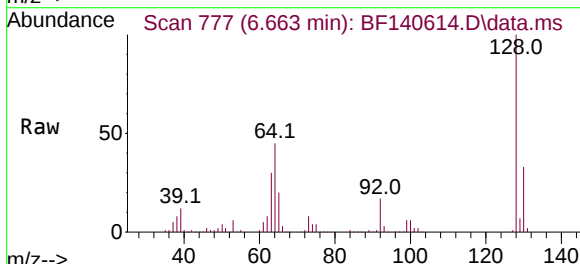
Delta R.T. -0.000 min

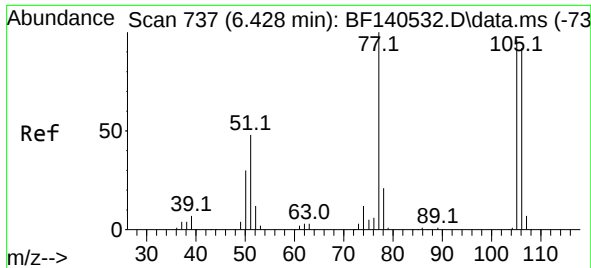
Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:128 Resp: 180932

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	44.8	30.2	70.2





#9

Benzaldehyde

Concen: 2.835 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

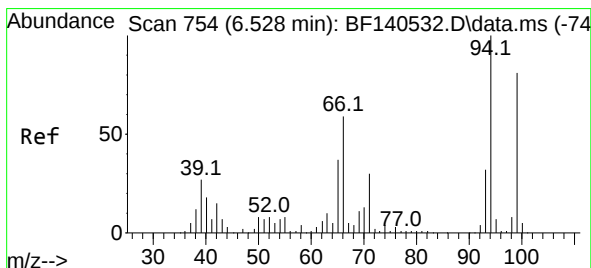
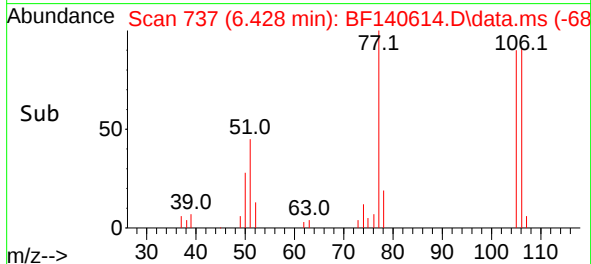
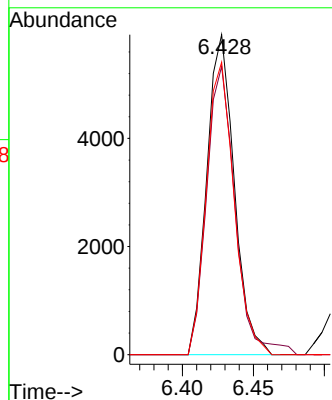
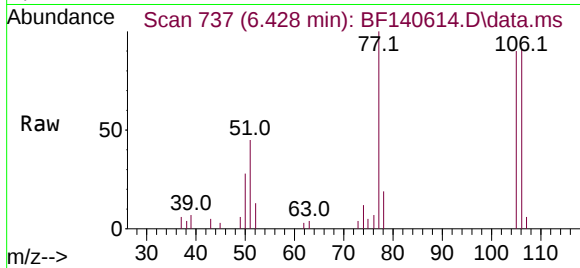
Tgt Ion: 77	Resp: 795
Ion Ratio	Lower Upper
77 100	
105 90.1	75.6 115.6
106 91.4	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 38.341 ng

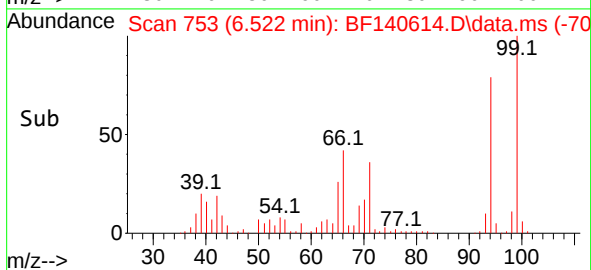
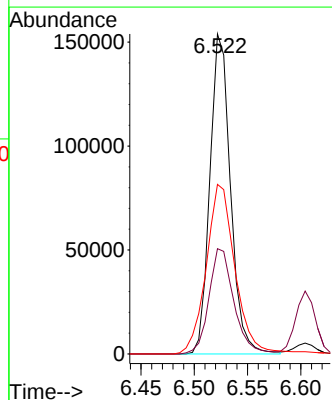
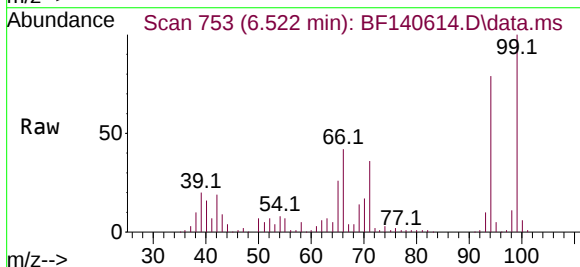
RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion: 94	Resp: 207484
Ion Ratio	Lower Upper
94 100	
65 32.9	17.2 57.2
66 53.0	39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 41.081 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion: 93 Resp: 17011

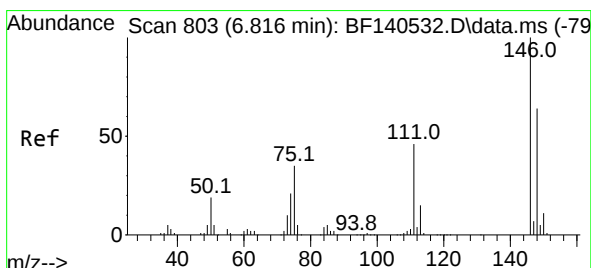
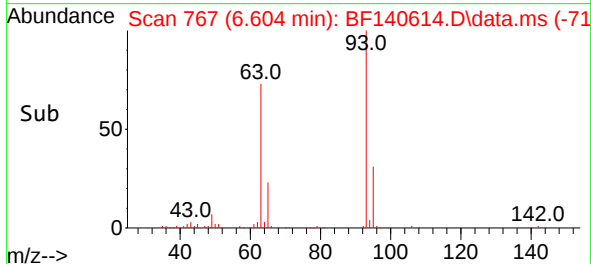
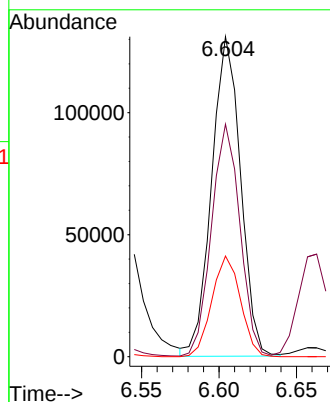
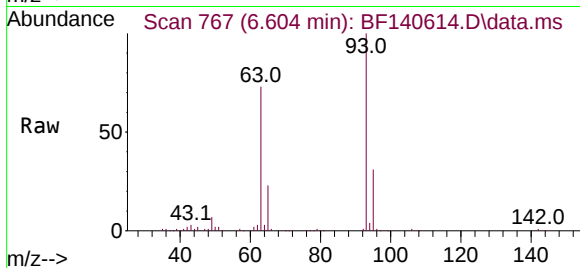
Ion	Ratio	Lower	Upper
93	100		
63	72.6	52.8	92.8
95	31.5	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 28.709 ng

RT: 6.810 min Scan# 802

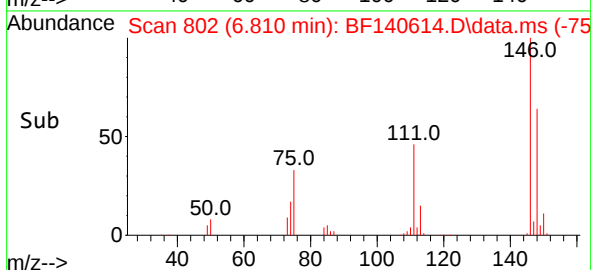
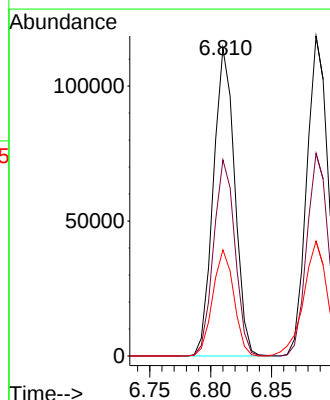
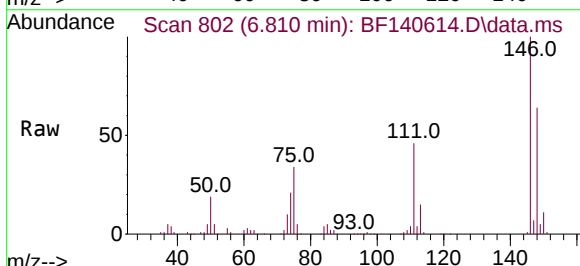
Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:146 Resp: 139108

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	34.5	28.2	42.2





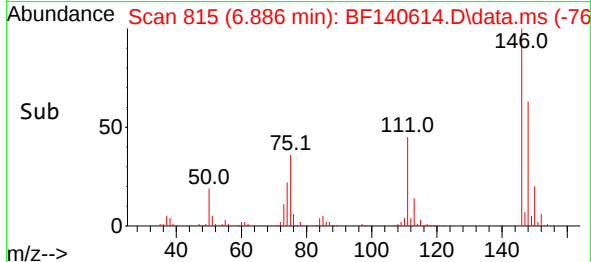
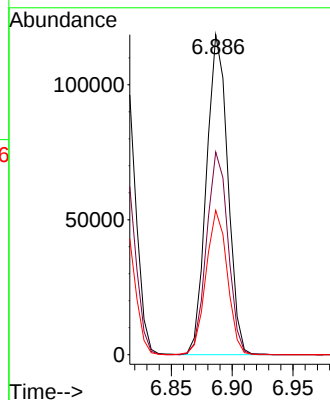
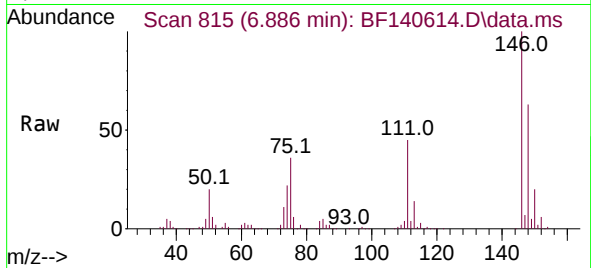
#13
1,4-Dichlorobenzene
Concen: 29.451 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:146 Resp: 144489
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 45.1 35.3 52.9

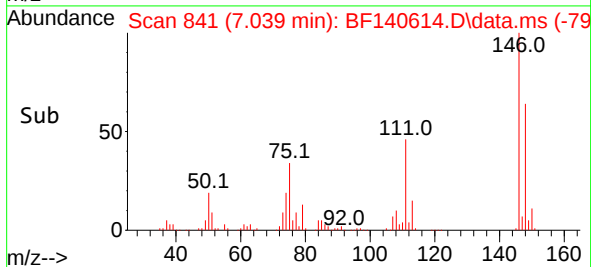
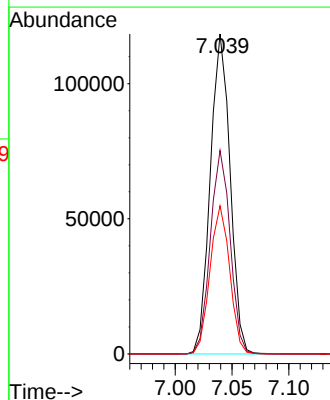
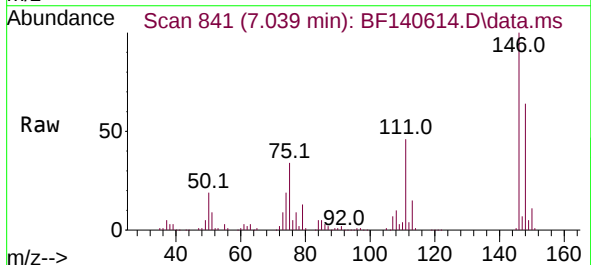
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 31.301 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

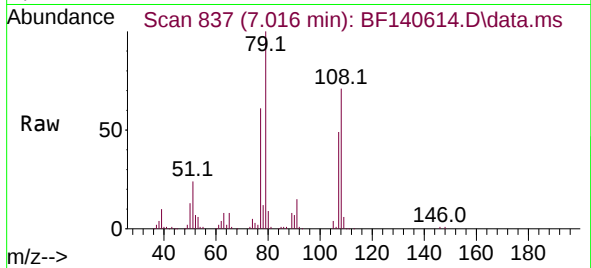
Tgt Ion:146 Resp: 143897
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 46.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.455 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

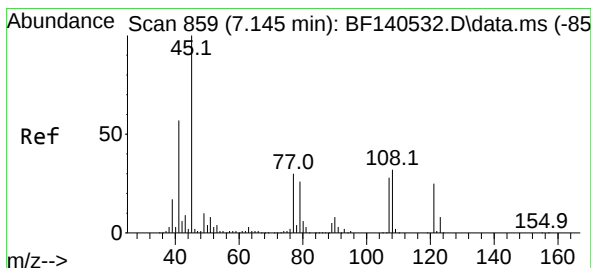
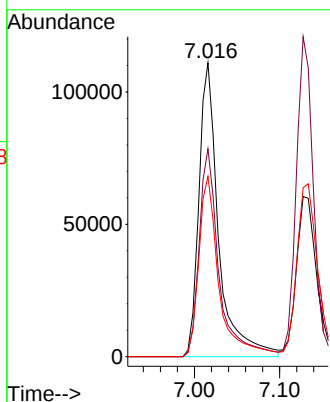
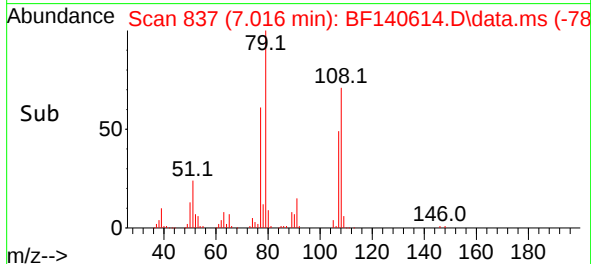
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



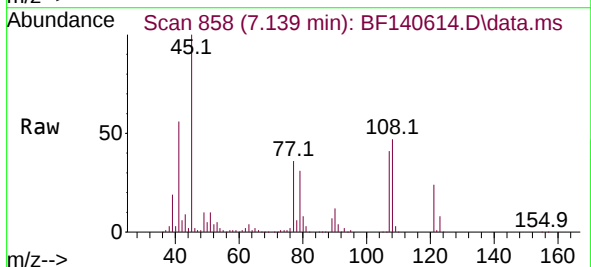
Tgt Ion: 79 Resp: 178620
Ion Ratio Lower Upper
79 100
108 70.7 55.0 82.6
77 61.3 50.1 75.1

Manual Integrations
APPROVED

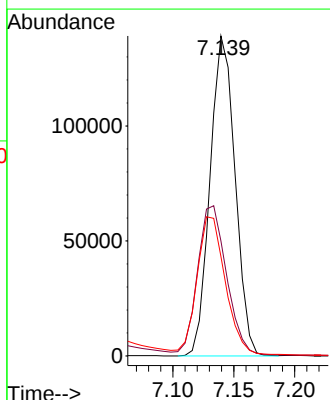
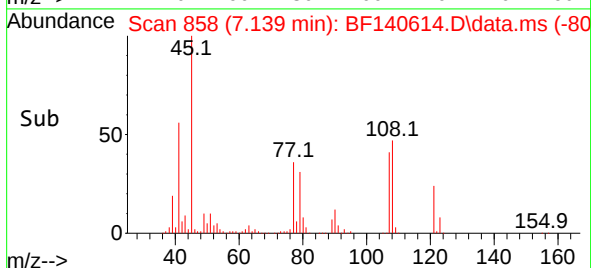
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

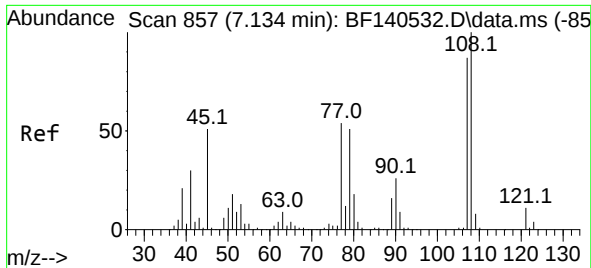


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.626 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion: 45 Resp: 198751
Ion Ratio Lower Upper
45 100
77 35.9 10.7 50.7
79 31.1 7.0 47.0





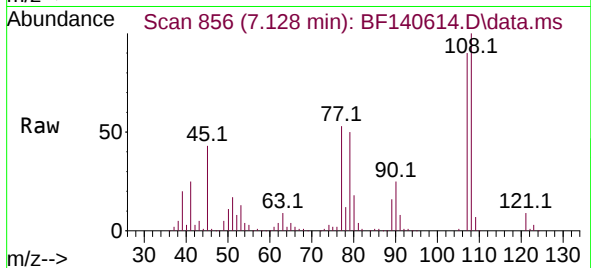
#17
2-Methylphenol
Concen: 43.401 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

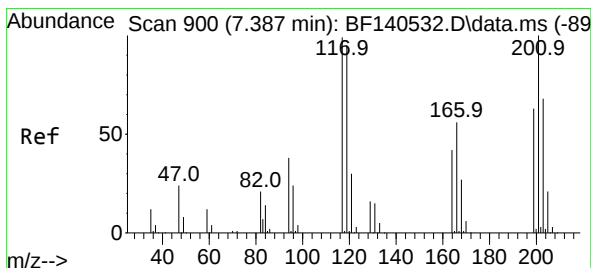
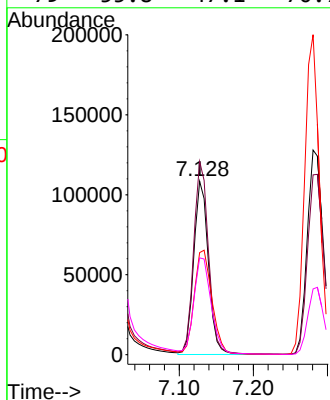
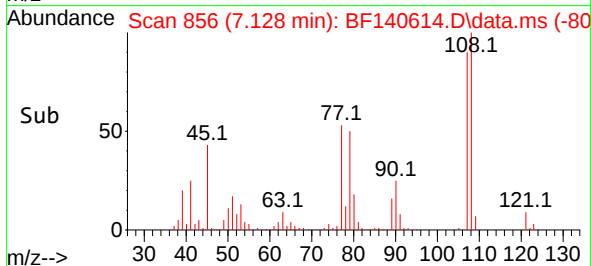


Tgt Ion:107 Resp: 149810
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 58.9 49.3 73.9
79 55.8 47.1 70.7

Manual Integrations

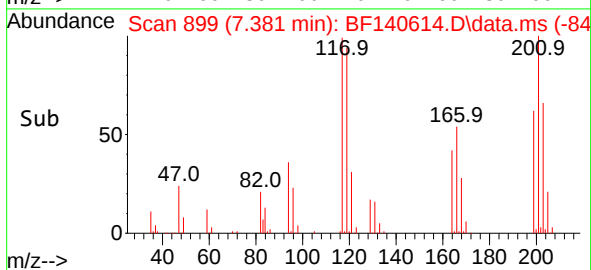
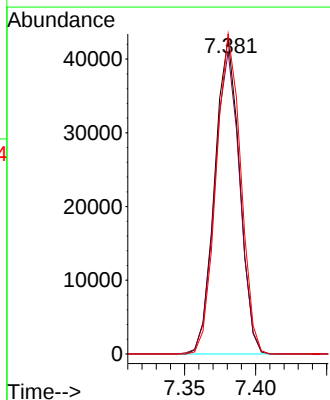
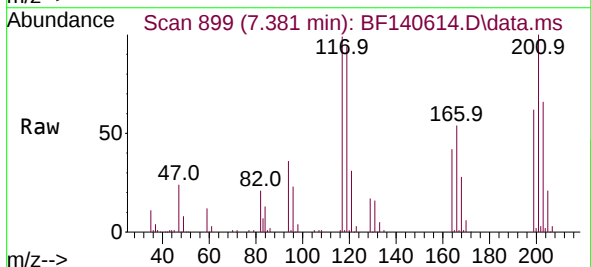
APPROVED

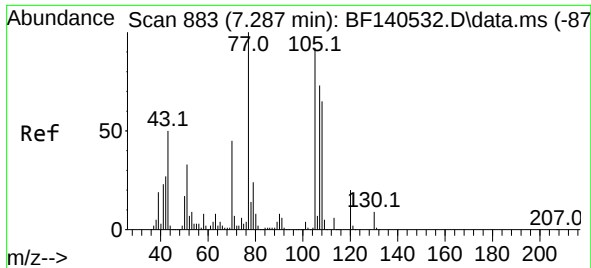
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 28.207 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

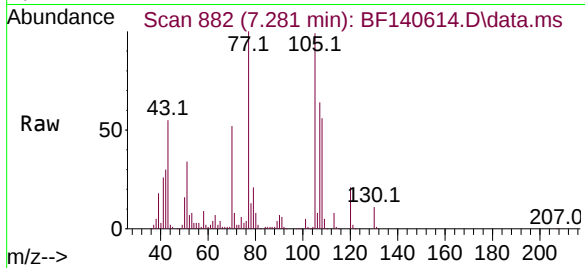
Tgt Ion:117 Resp: 51686
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 101.4 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.366 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

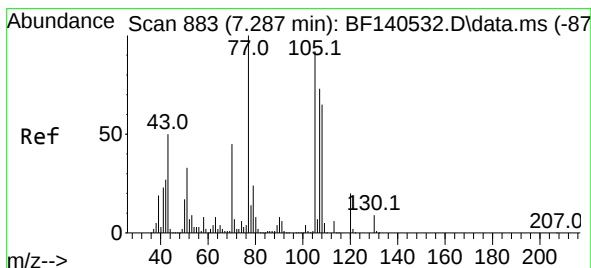
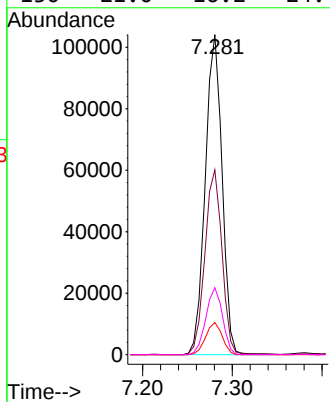
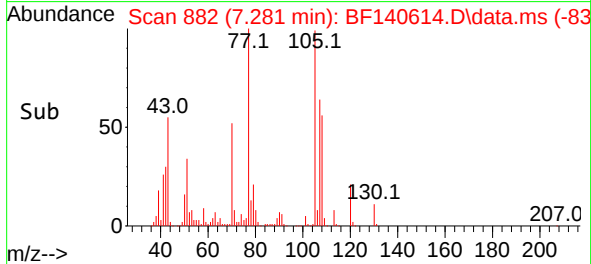
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion: 70 Resp: 135800
Ion Ratio Lower Upper
70 100
42 57.8 47.6 71.4
101 10.0 7.6 11.4
130 21.0 16.2 24.4

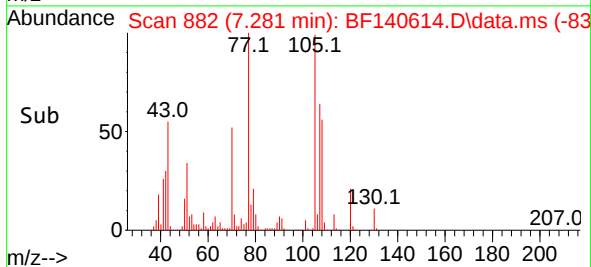
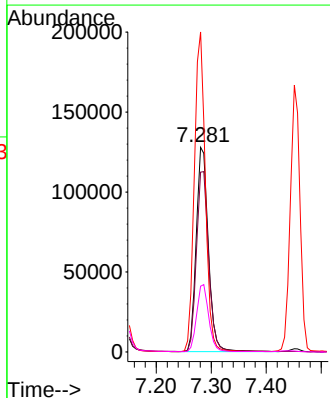
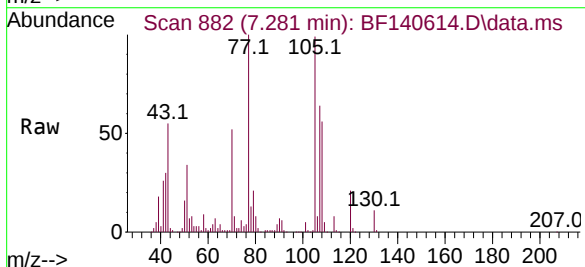
Manual Integrations
APPROVED

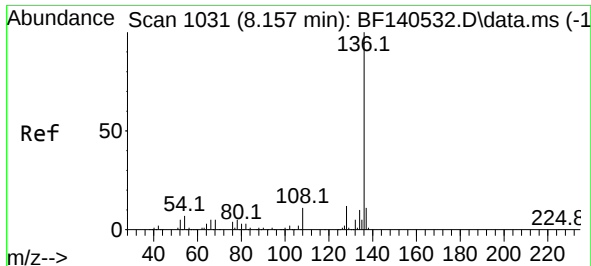
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 44.070 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

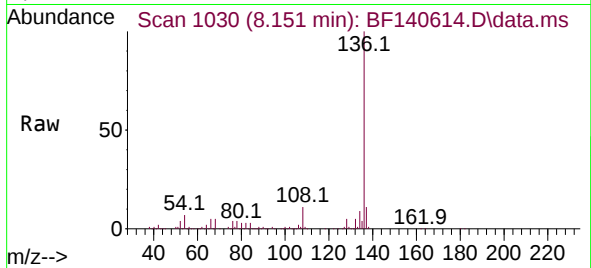
Tgt Ion:107 Resp: 195530
Ion Ratio Lower Upper
107 100
108 87.9 69.9 109.9
77 156.3 117.7 157.7
79 32.1 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

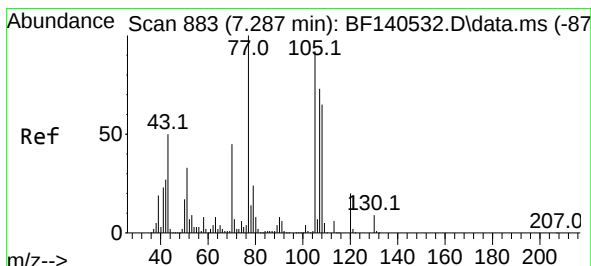
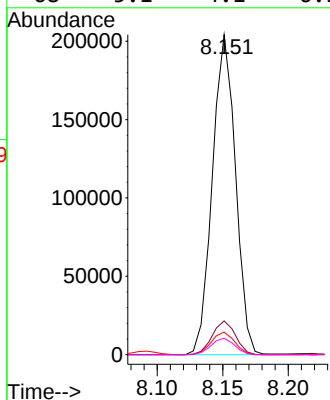
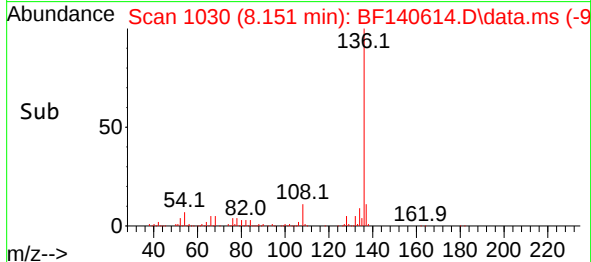
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:136 Resp: 250570
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1

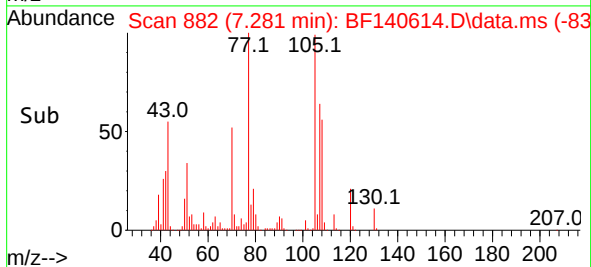
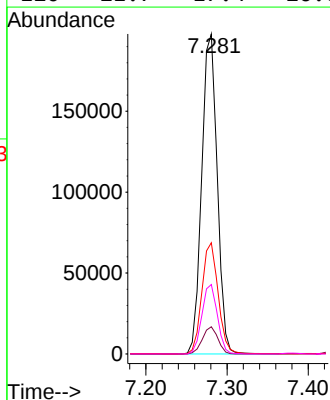
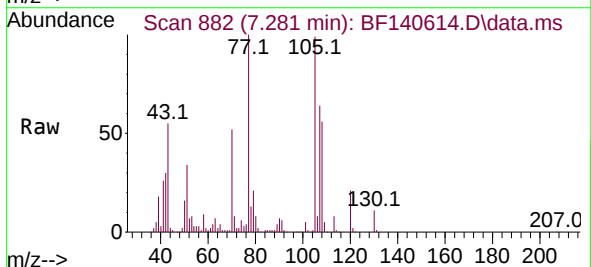
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 42.966 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:105 Resp: 262476
Ion Ratio Lower Upper
105 100
71 8.5 6.2 9.2
51 34.8 29.0 43.6
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 90.176 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

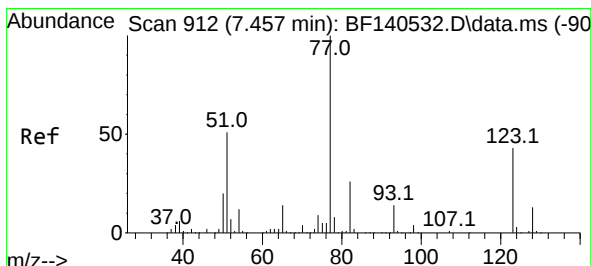
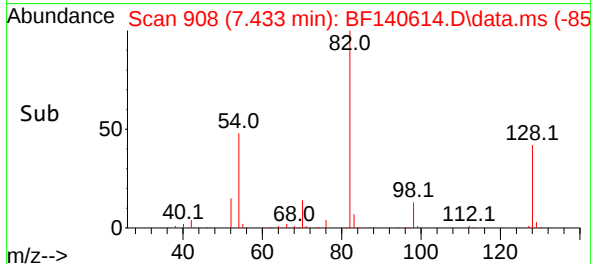
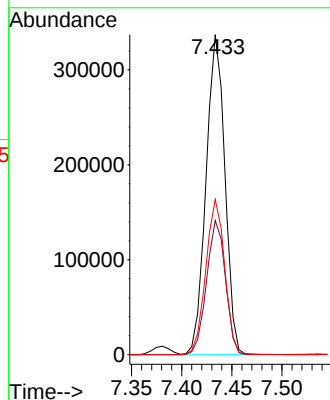
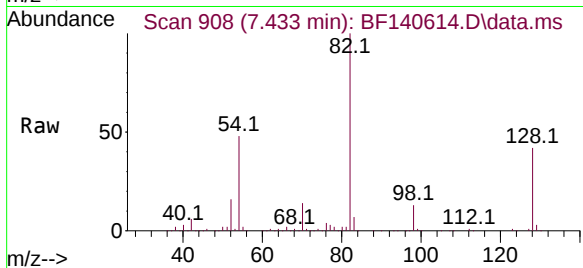
WB-310-BOTMSD

Tgt Ion: 82 Resp: 44175
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.4
54 48.5 39.5 59.3

Manual Integrations

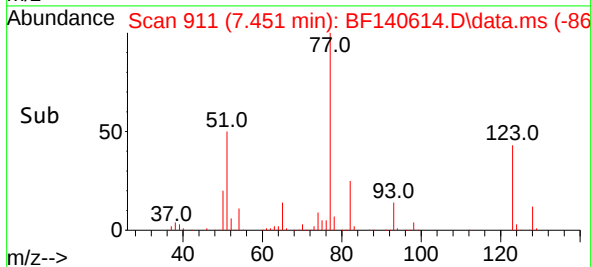
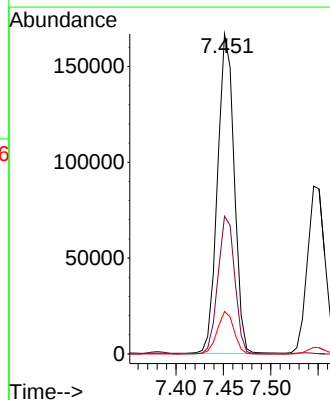
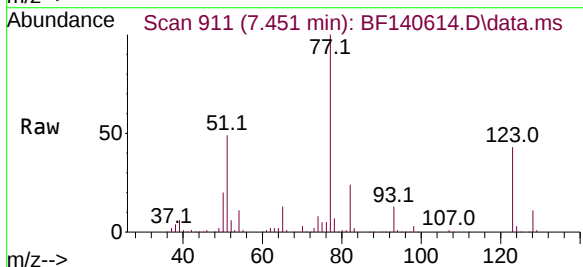
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 40.315 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion: 77 Resp: 204116
Ion Ratio Lower Upper
77 100
123 43.1 34.3 51.5
65 13.2 11.2 16.8





#25
Isophorone
Concen: 45.679 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

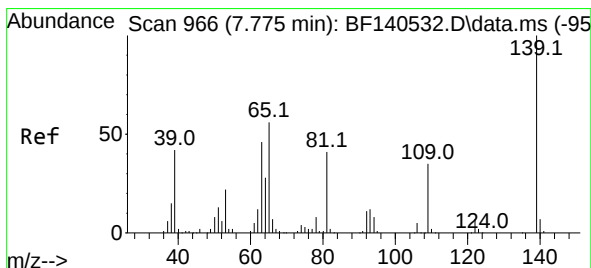
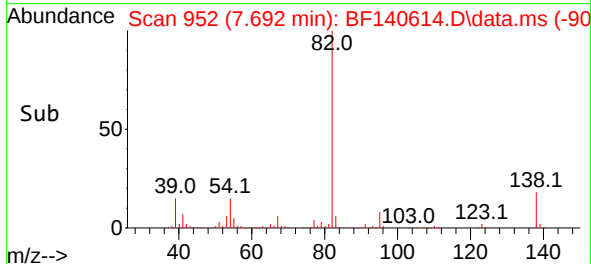
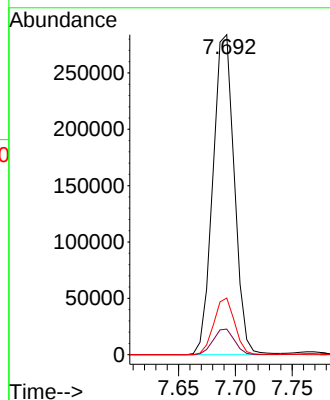
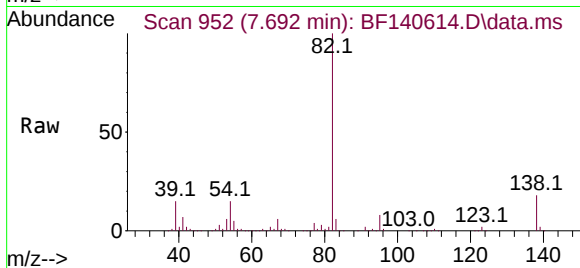
ClientSampleId :

WB-310-BOTMSD

Tgt Ion: 82 Resp: 37323
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.7 13.8 20.6

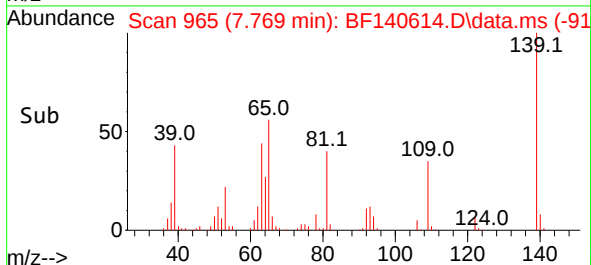
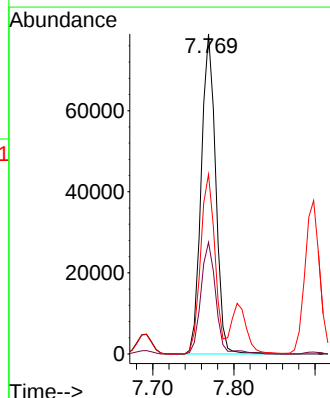
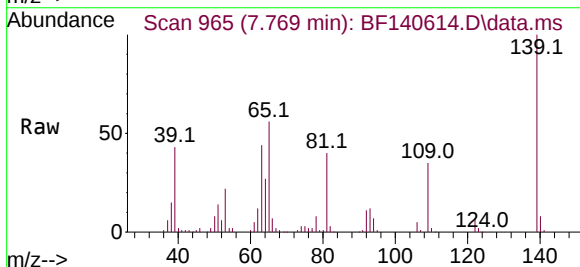
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 43.486 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:139 Resp: 97570
Ion Ratio Lower Upper
139 100
109 34.9 28.0 42.0
65 56.2 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 56.812 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

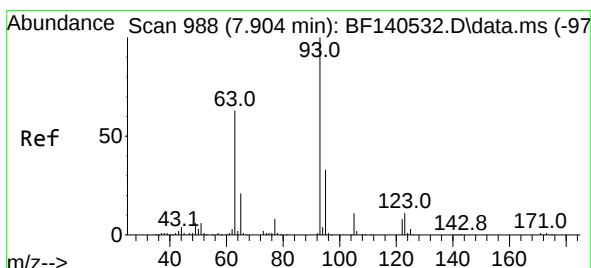
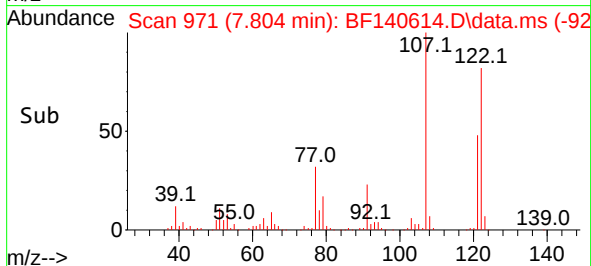
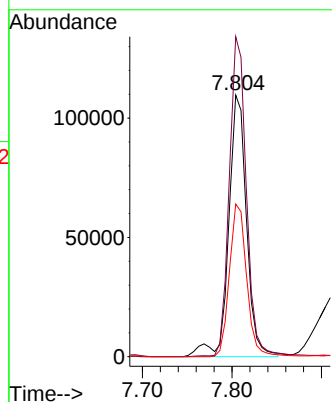
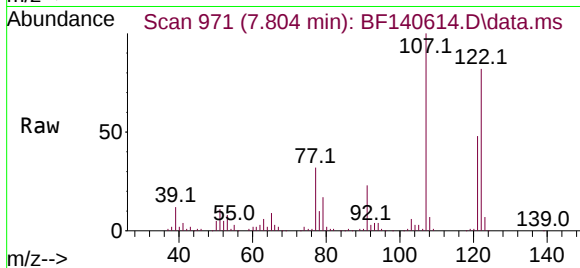
WB-310-BOTMSD

Tgt Ion:122 Resp: 152510
Ion Ratio Lower Upper
122 100
107 122.3 96.8 145.2
121 58.3 47.4 71.0

Manual Integrations

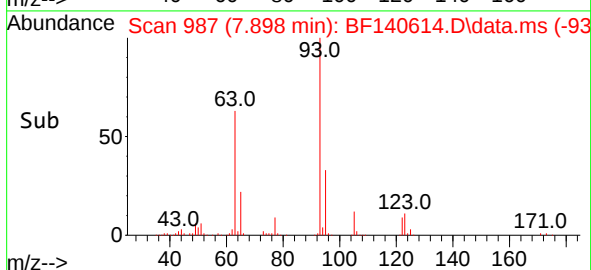
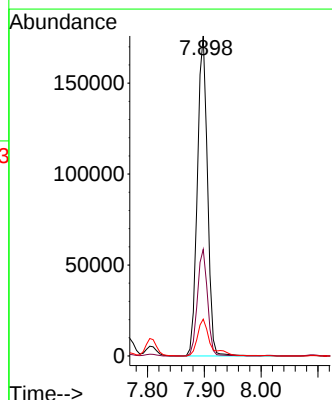
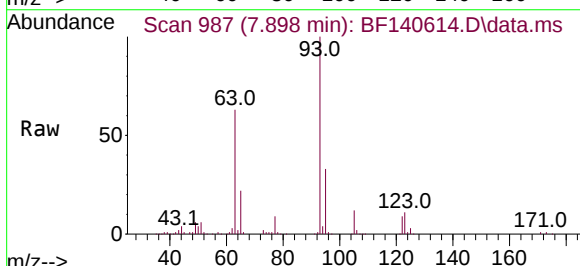
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.072 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion: 93 Resp: 219376
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.472 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:162 Resp: 165314

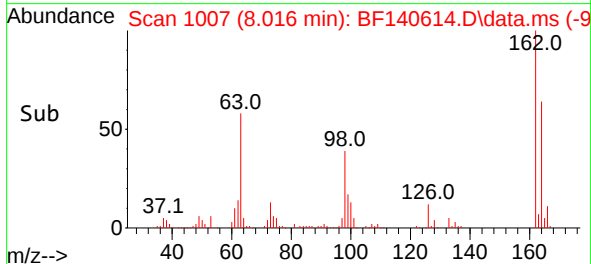
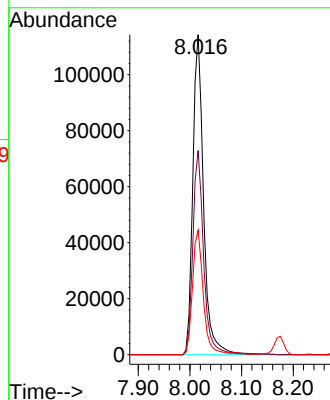
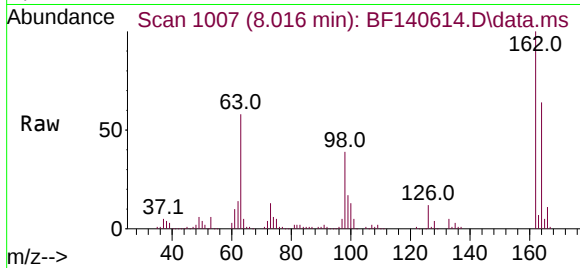
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.8	84.8
98	38.9	21.2	61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 36.931 ng

RT: 8.092 min Scan# 1020

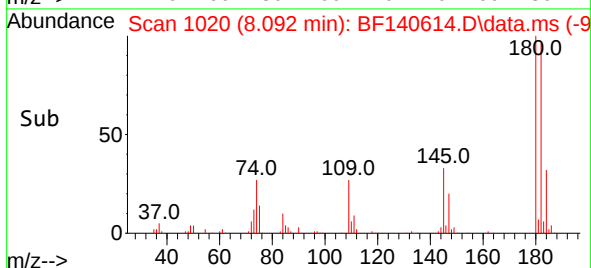
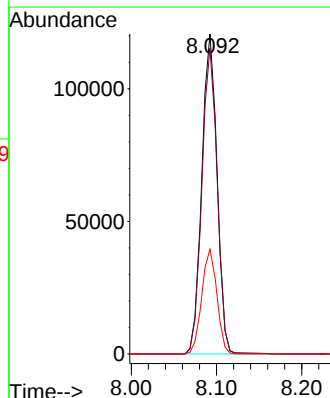
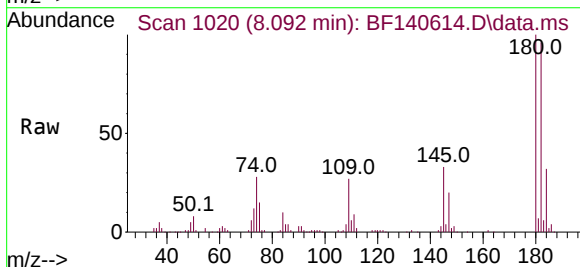
Delta R.T. -0.006 min

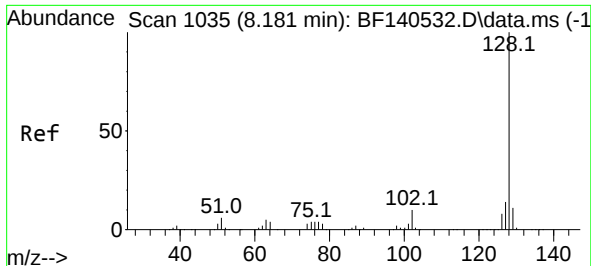
Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:180 Resp: 149998

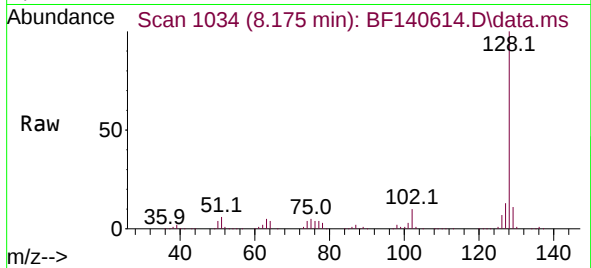
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	32.7	25.9	38.9





#31
Naphthalene
Concen: 40.037 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

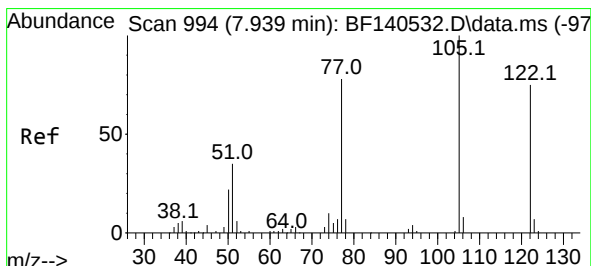
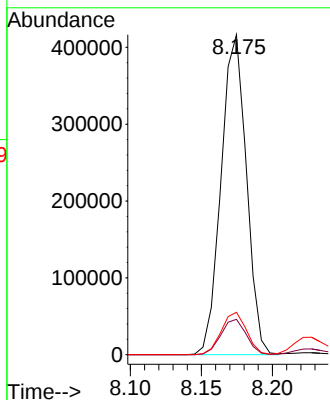
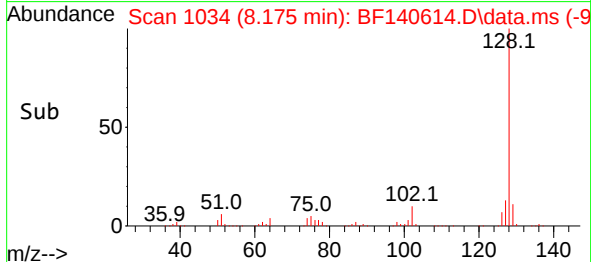
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:128 Resp: 516754
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

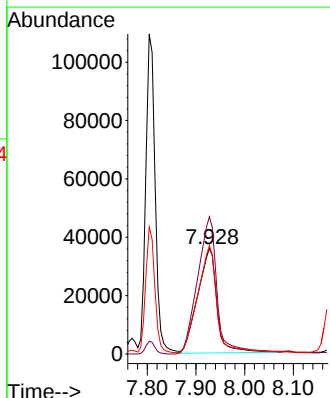
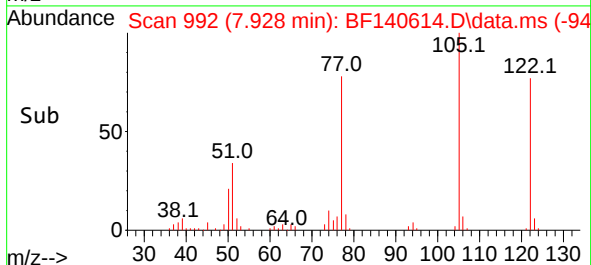
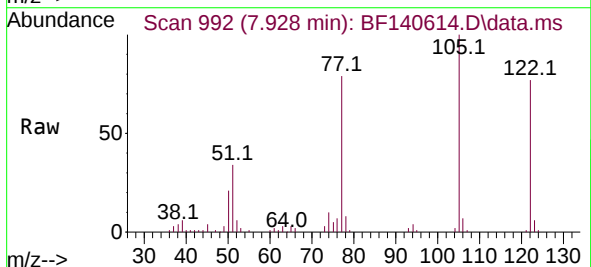
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 42.955 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:122 Resp: 98272
Ion Ratio Lower Upper
122 100
105 130.2 109.3 149.3
77 102.7 82.3 122.3





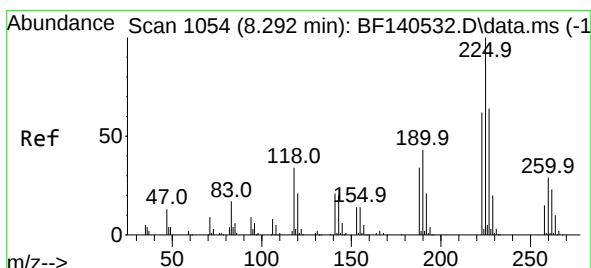
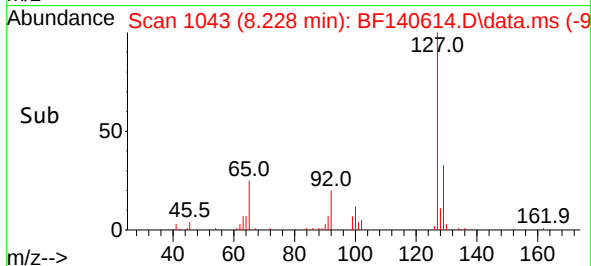
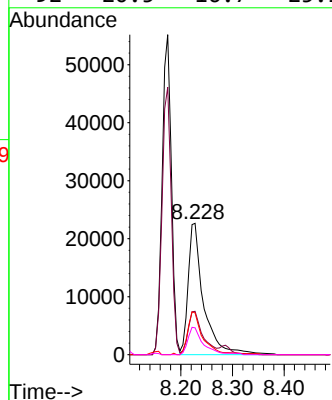
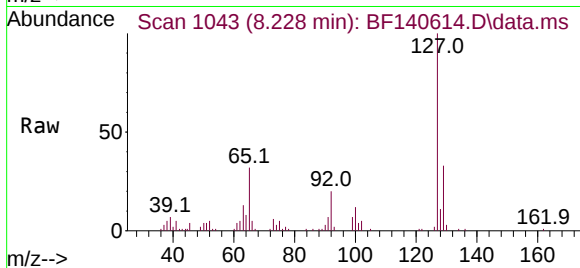
#33
4-Chloroaniline
Concen: 12.184 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:	127	Resp:	47085
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.0	39.0
65	31.8	26.0	39.0
92	20.5	16.7	25.1

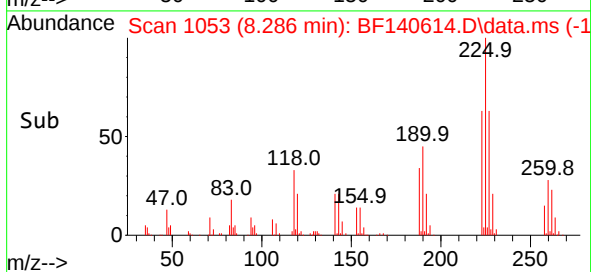
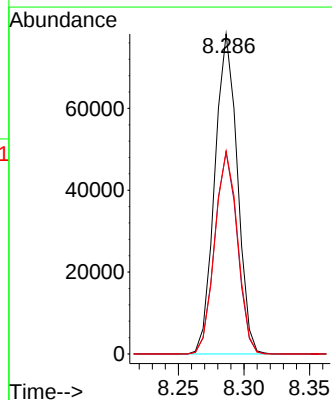
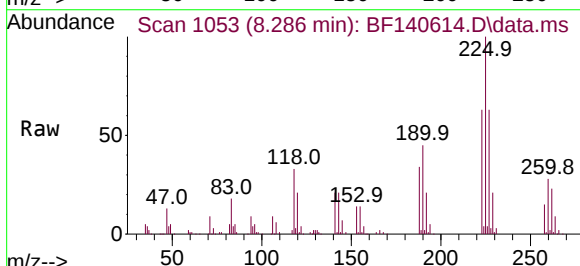
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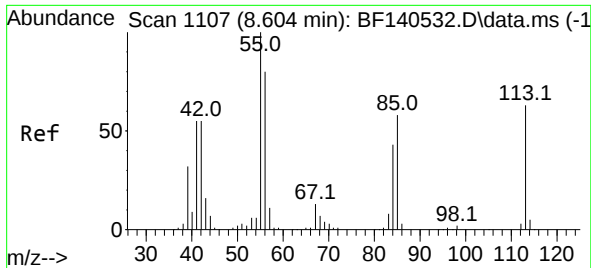
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 34.759 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

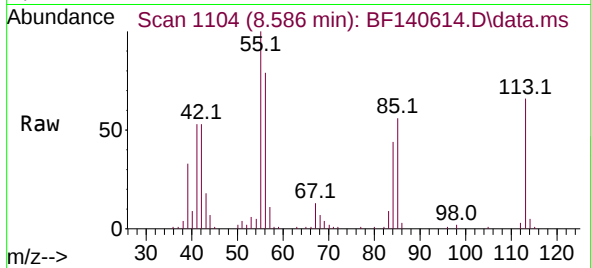
Tgt Ion:	225	Resp:	93509
Ion Ratio	Lower	Upper	
225	100		
223	63.1	49.8	74.8
227	63.4	51.3	76.9





#35
Caprolactam
Concen: 41.401 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

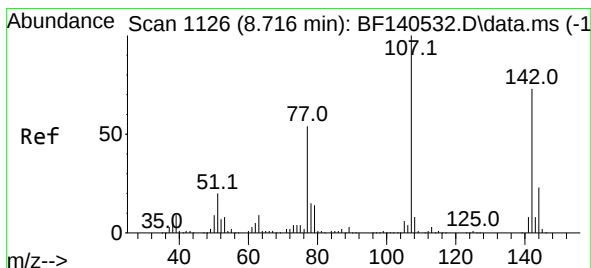
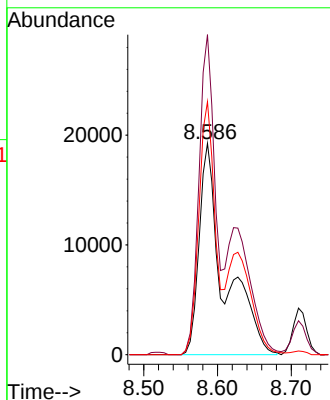
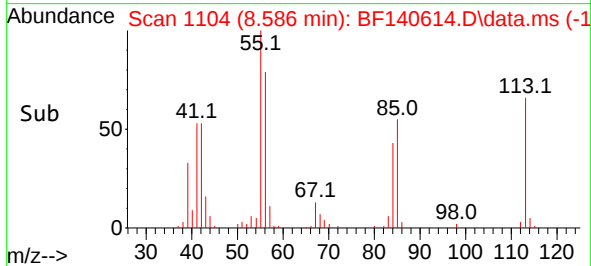
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:113 Resp: 4557
Ion Ratio Lower Upper
113 100
55 151.4 137.7 177.7
56 119.7 106.4 146.4

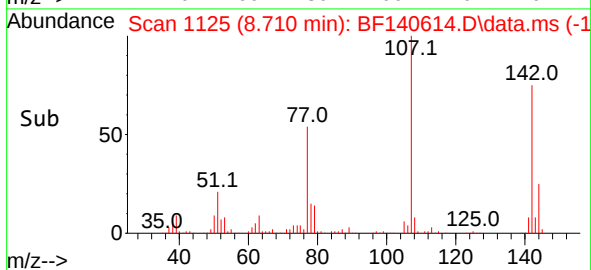
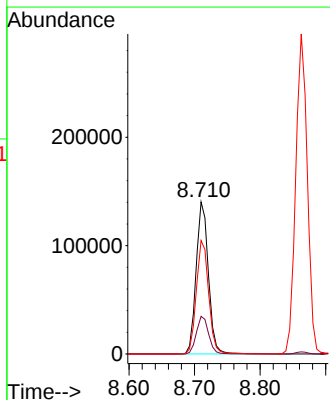
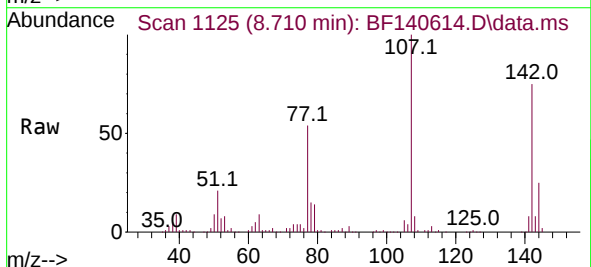
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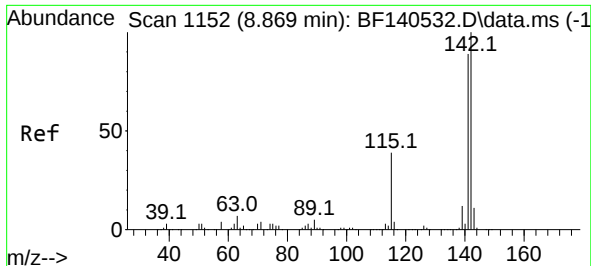
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 46.021 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:107 Resp: 183294
Ion Ratio Lower Upper
107 100
144 24.7 18.7 28.1
142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 44.242 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:142 Resp: 362690

Ion Ratio Lower Upper

142 100

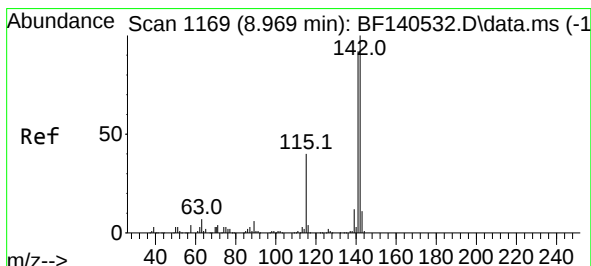
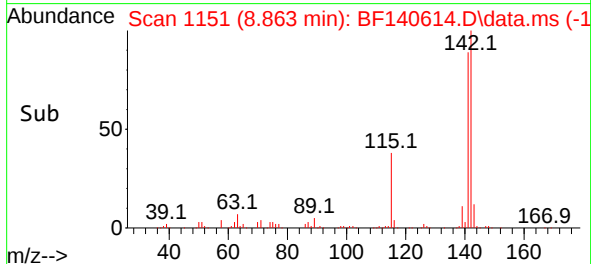
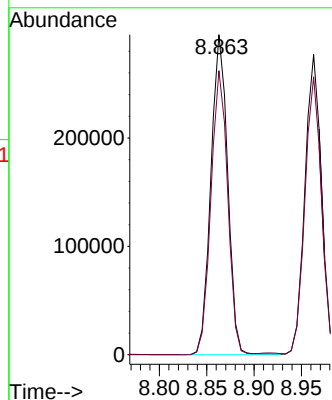
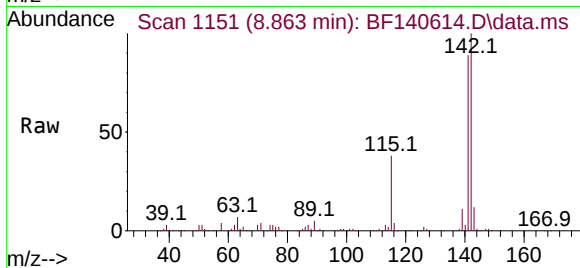
141 88.8 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 41.635 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140614.D

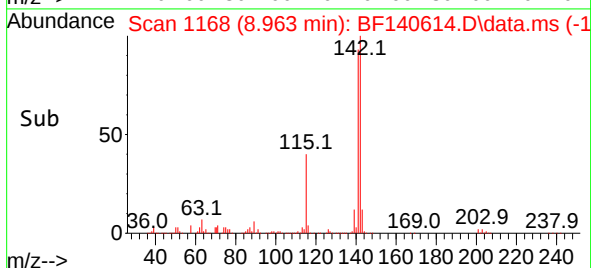
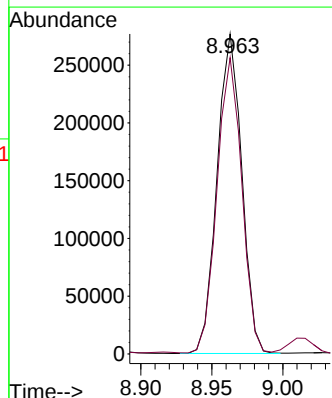
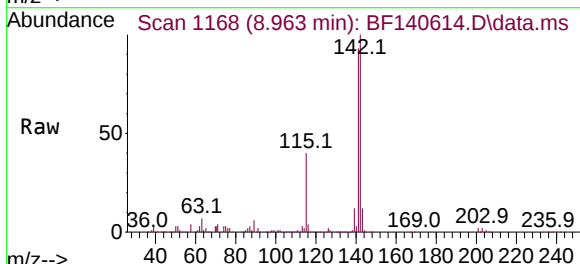
Acq: 25 Nov 2024 20:18

Tgt Ion:142 Resp: 334560

Ion Ratio Lower Upper

142 100

141 92.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140614.D

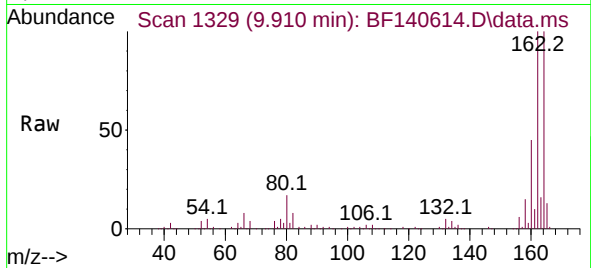
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



Tgt Ion:164 Resp: 13607

Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

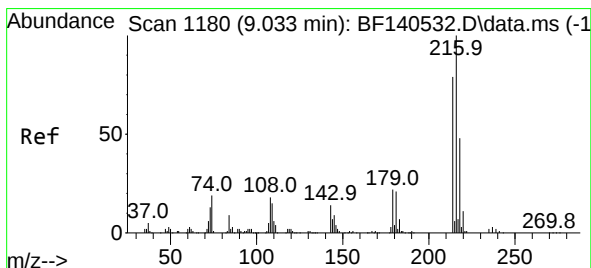
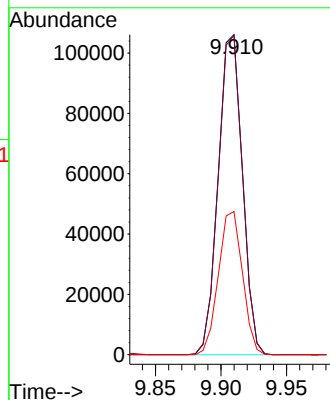
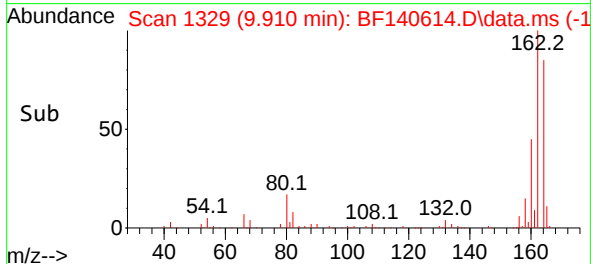
160 44.7 36.2 54.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.886 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:216 Resp: 178801

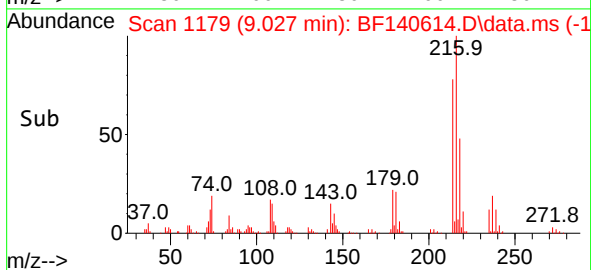
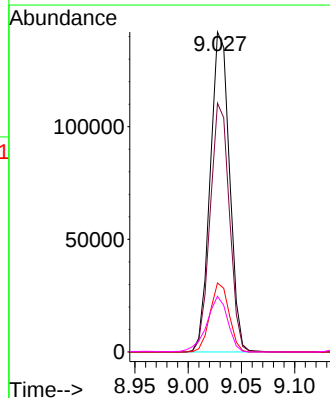
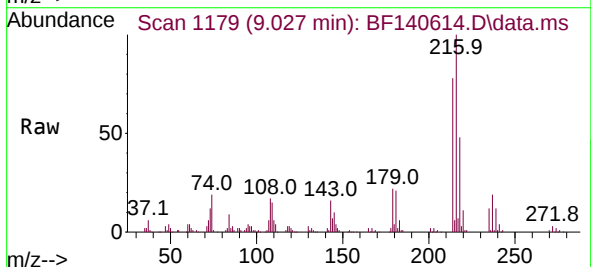
Ion Ratio Lower Upper

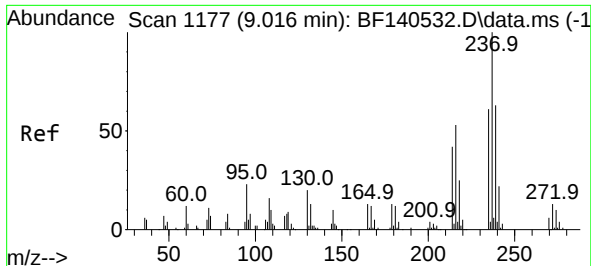
216 100

214 77.4 63.0 94.4

179 21.2 17.5 26.3

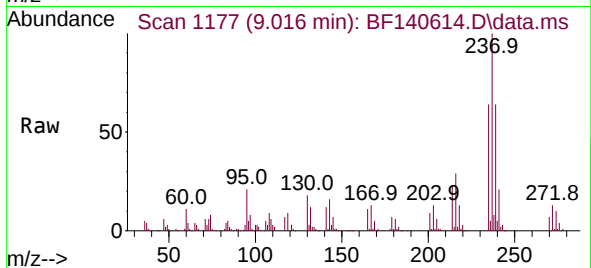
108 19.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 144.814 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

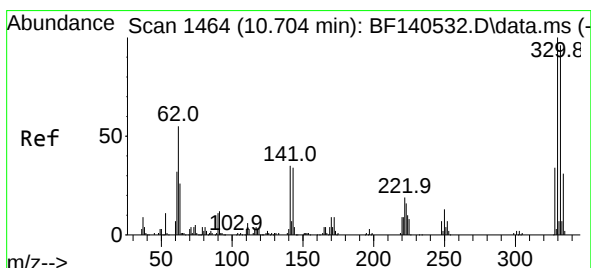
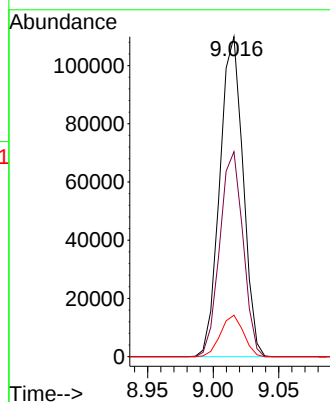
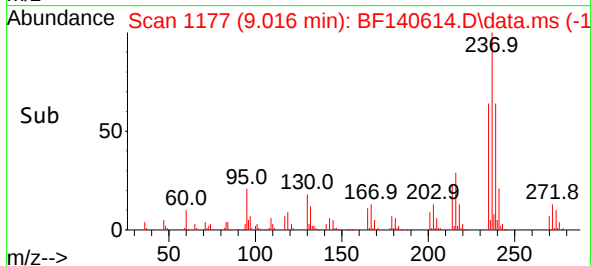
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:237 Resp: 135480
Ion Ratio Lower Upper
237 100
235 64.1 41.1 81.1
272 12.9 0.0 32.6

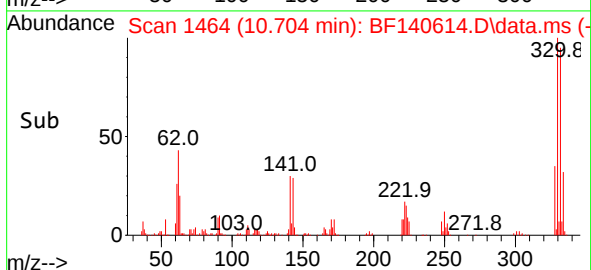
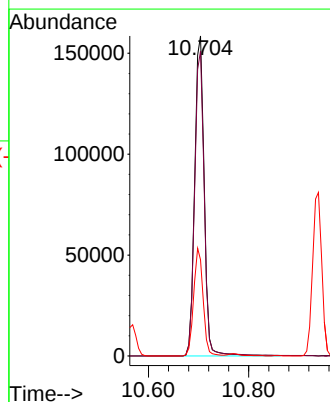
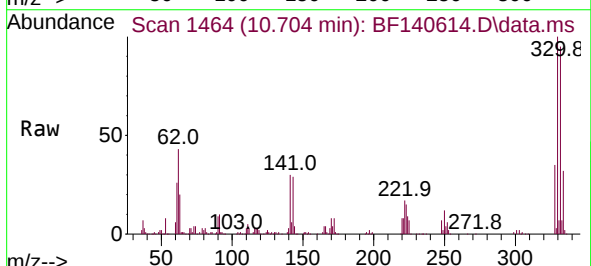
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 143.982 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

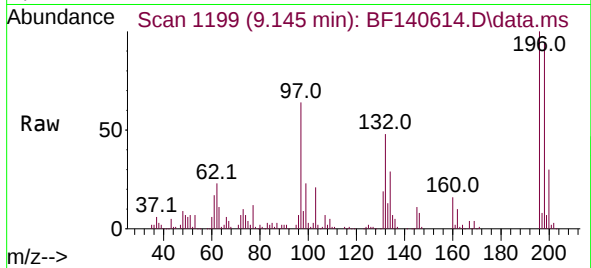
Tgt Ion:330 Resp: 209536
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 33.1 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.701 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

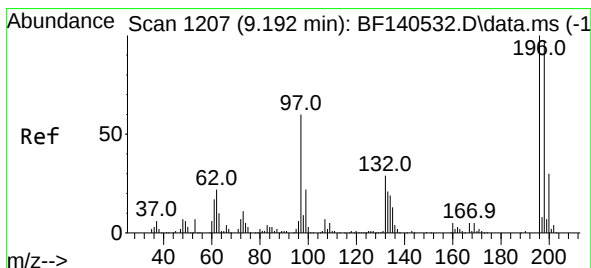
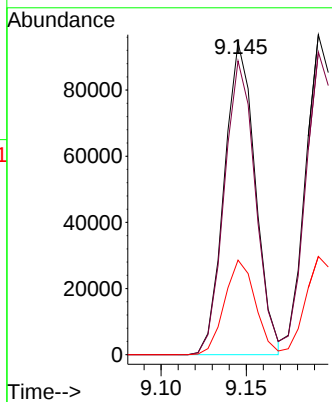
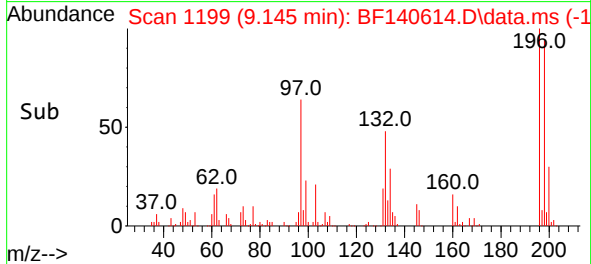
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:196 Resp: 11923
Ion Ratio Lower Upper
196 100
198 94.0 76.8 115.2
200 30.3 24.3 36.5

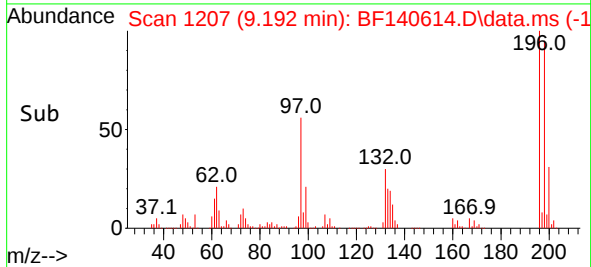
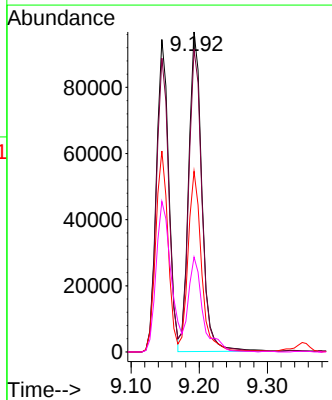
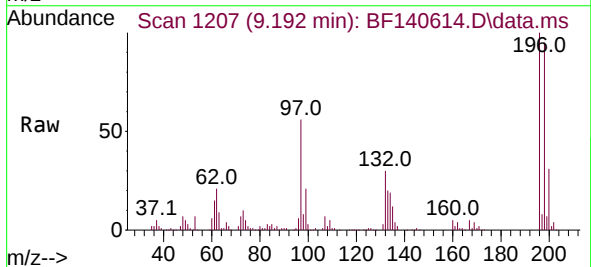
Manual Integrations
APPROVED

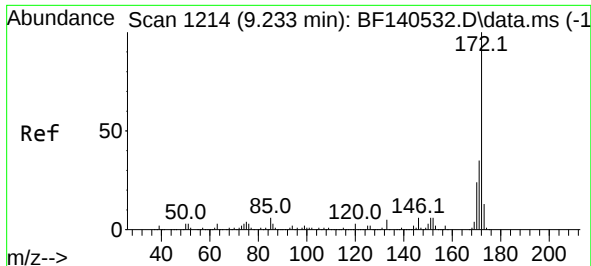
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 47.776 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

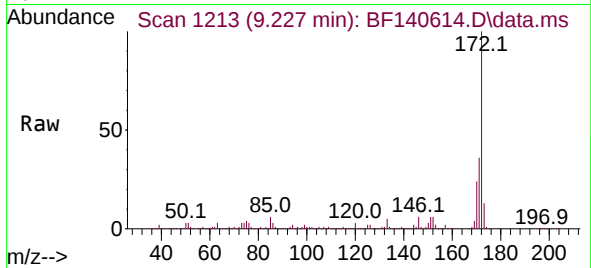
Tgt Ion:196 Resp: 129606
Ion Ratio Lower Upper
196 100
198 94.6 77.2 115.8
97 56.5 47.1 70.7
132 29.7 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 89.020 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

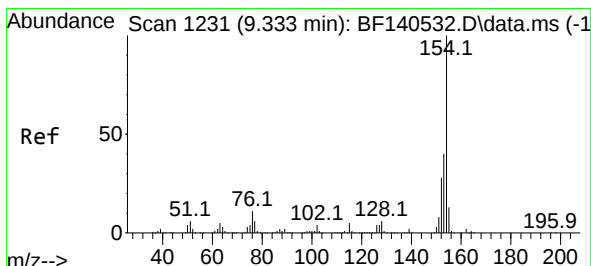
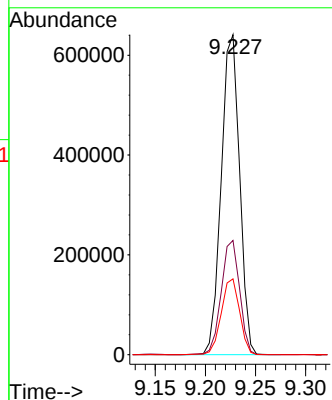
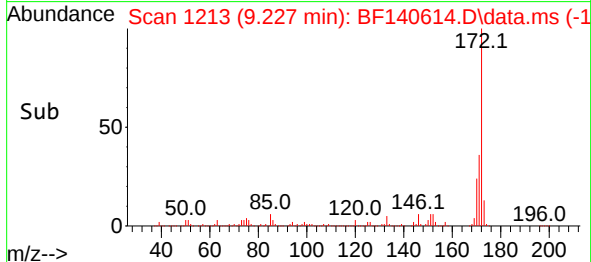
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



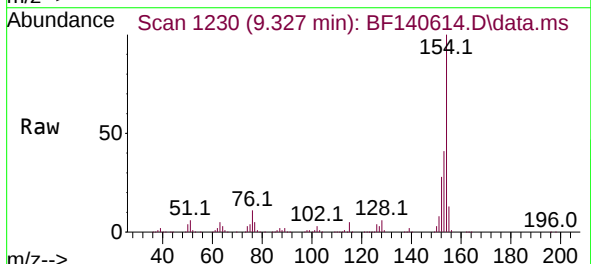
Tgt Ion:172 Resp: 81298
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.6

Manual Integrations
APPROVED

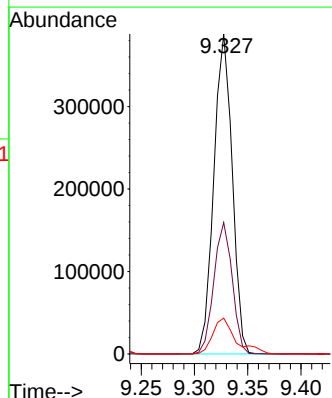
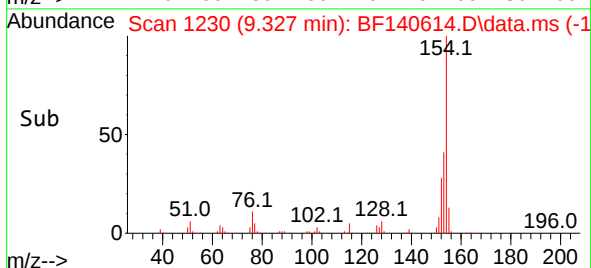
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

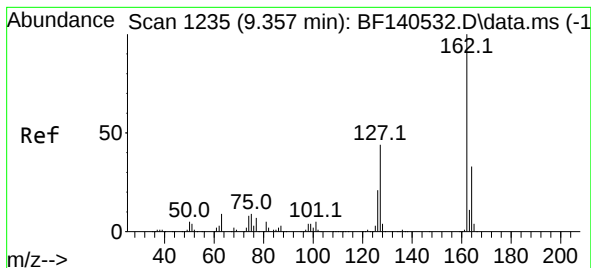


#46
1,1'-Biphenyl
Concen: 45.705 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion:154 Resp: 464325
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 44.908 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:162 Resp: 345698

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

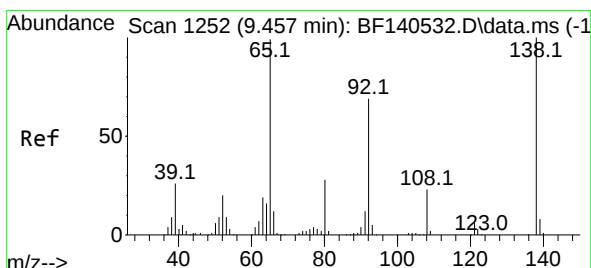
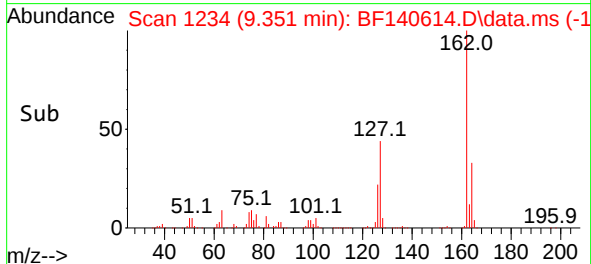
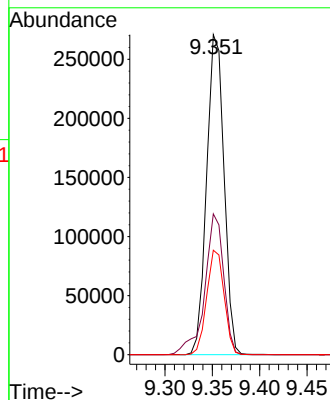
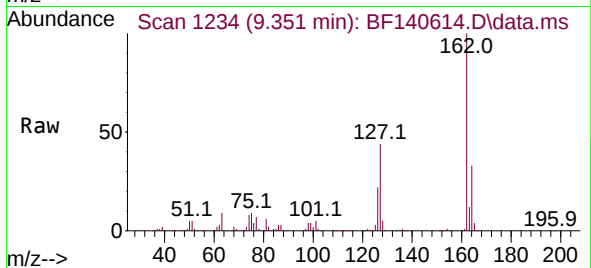
164 32.7 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 49.433 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

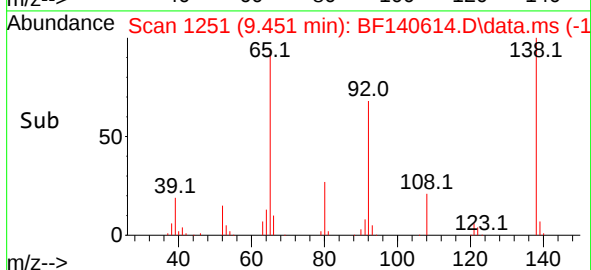
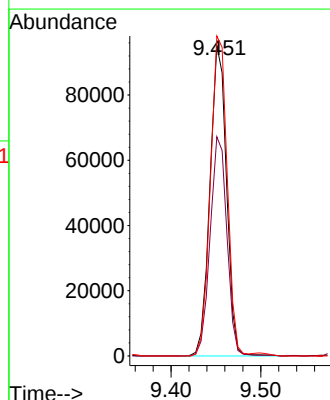
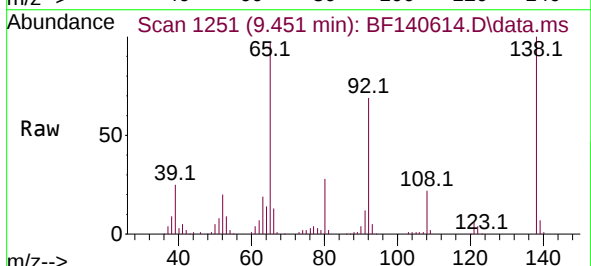
Tgt Ion: 65 Resp: 122141

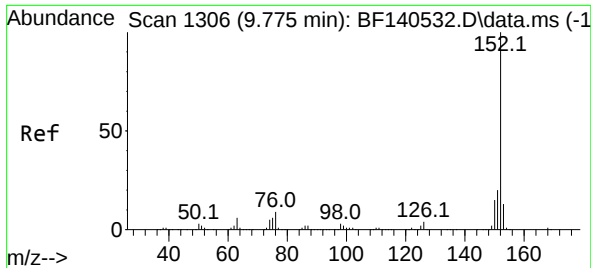
Ion Ratio Lower Upper

65 100

92 70.6 56.1 84.1

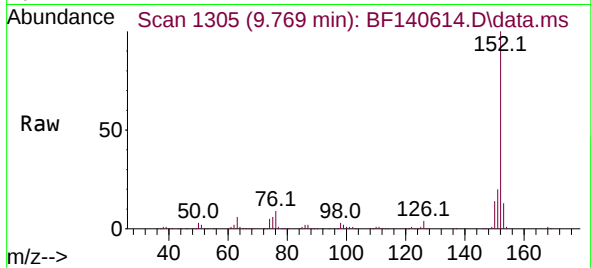
138 103.1 81.0 121.6





#49
Acenaphthylene
Concen: 50.185 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

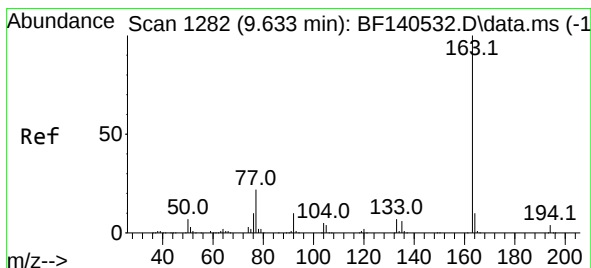
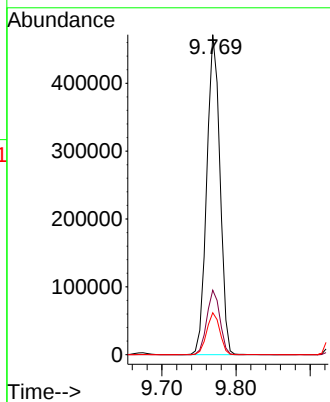
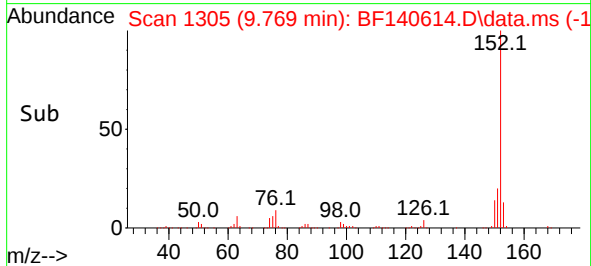
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



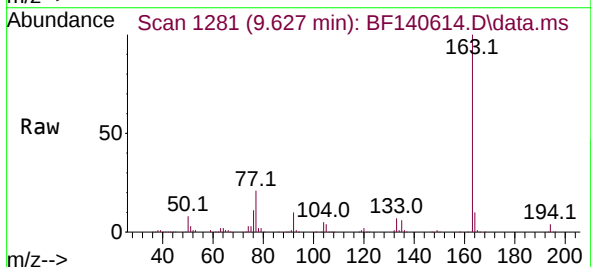
Tgt Ion:152 Resp: 583694
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations
APPROVED

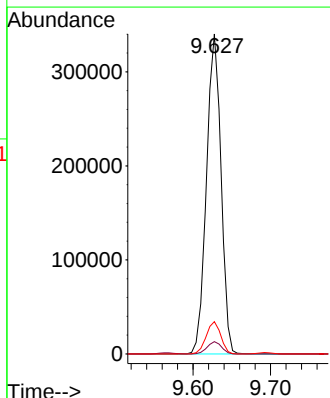
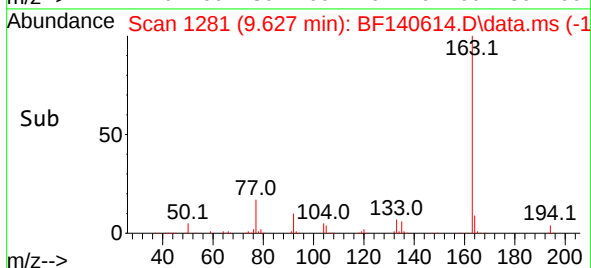
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

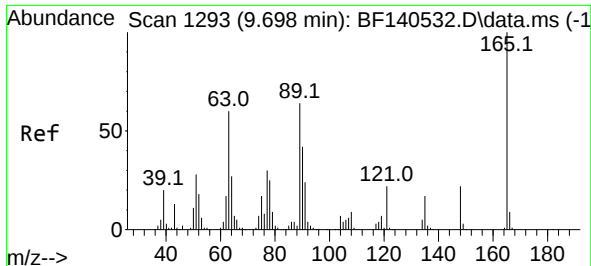


#50
Dimethylphthalate
Concen: 49.471 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion:163 Resp: 443335
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.835 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

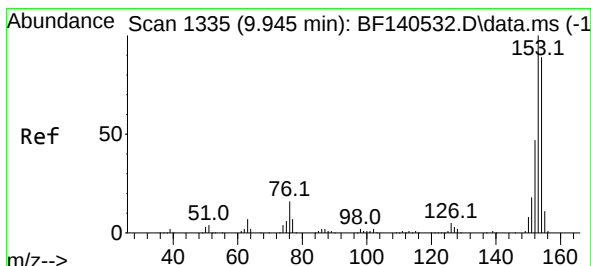
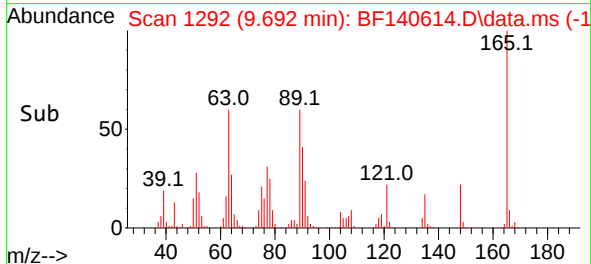
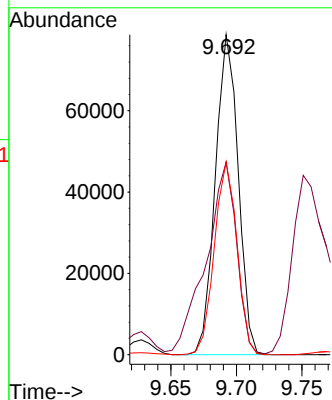
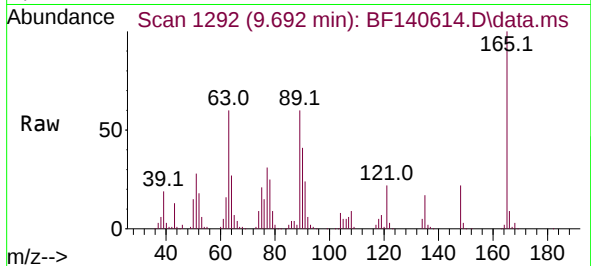
WB-310-BOTMSD

Tgt Ion:165 Resp: 95189
Ion Ratio Lower Upper
165 100
63 60.1 49.9 74.9
89 60.2 50.9 76.3

Manual Integrations

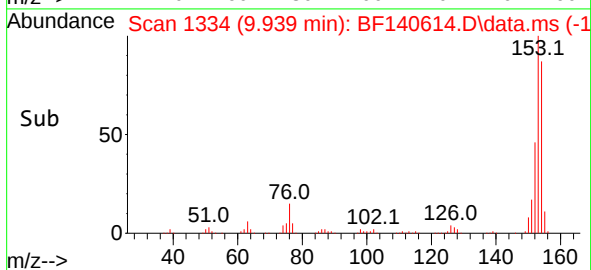
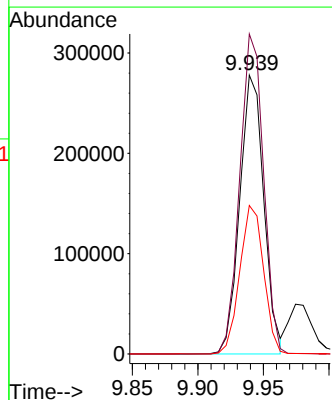
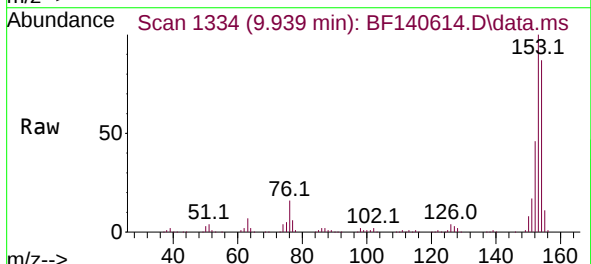
APPROVED

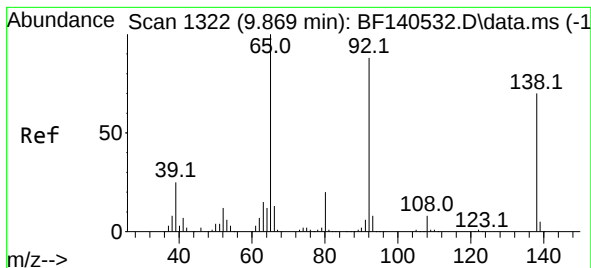
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 48.127 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:154 Resp: 355666
Ion Ratio Lower Upper
154 100
153 114.8 89.7 134.5
152 53.2 42.5 63.7





#53

3-Nitroaniline

Concen: 22.449 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:138 Resp: 4462

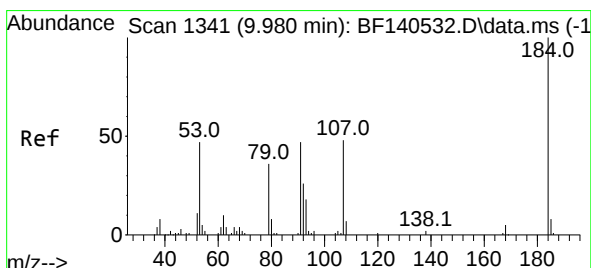
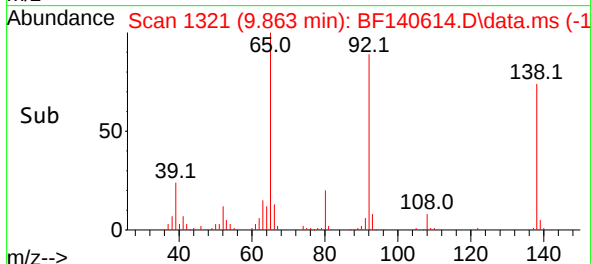
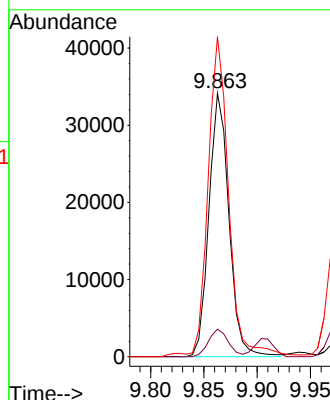
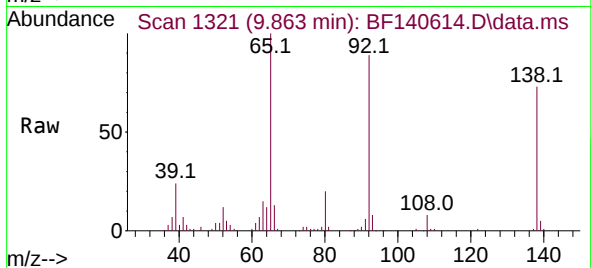
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.2	13.8
92	121.5	100.6	150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#54

2,4-Dinitrophenol

Concen: 95.027 ng

RT: 9.980 min Scan# 1341

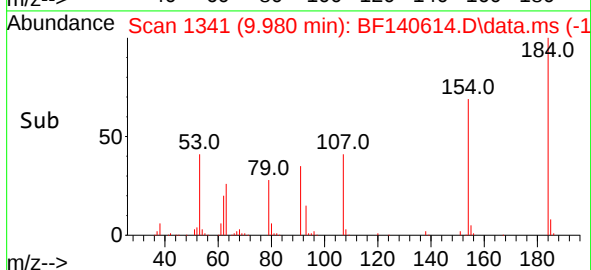
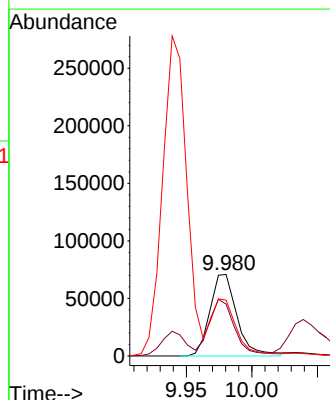
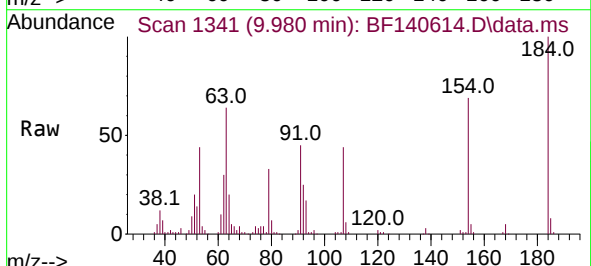
Delta R.T. 0.000 min

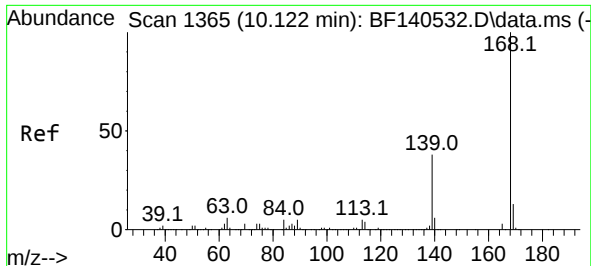
Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:184 Resp: 101741

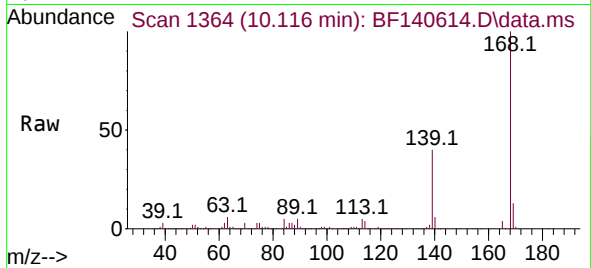
Ion	Ratio	Lower	Upper
184	100		
63	63.6	54.1	81.1
154	68.5	57.4	86.0





#55
Dibenzenofuran
Concen: 48.180 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

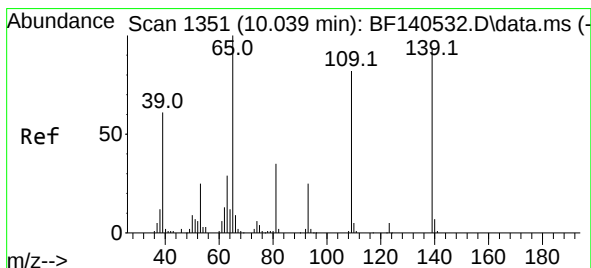
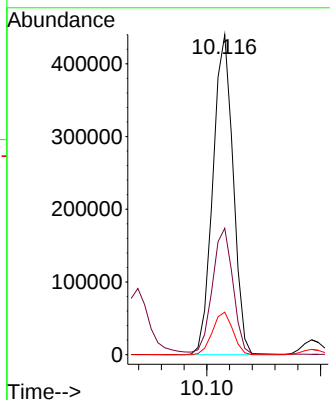
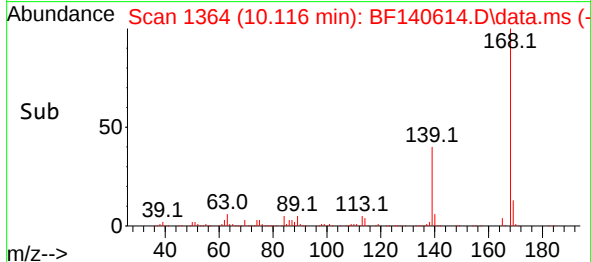
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:168 Resp: 543099
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.3 10.5 15.7

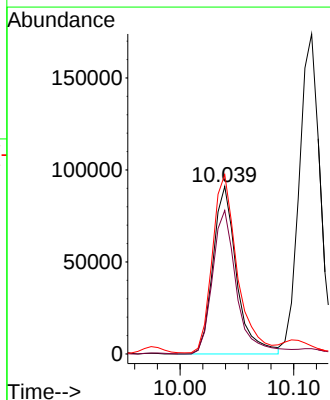
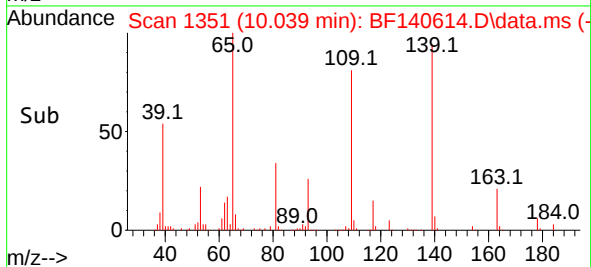
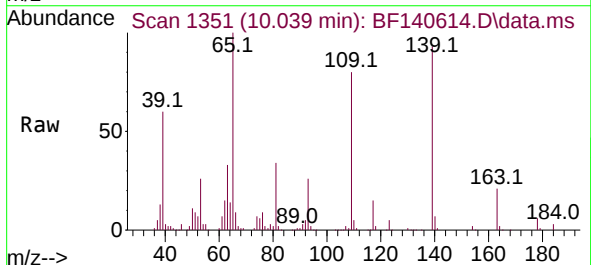
Manual Integrations
APPROVED

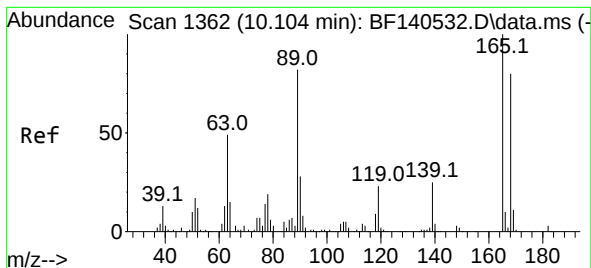
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 97.270 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

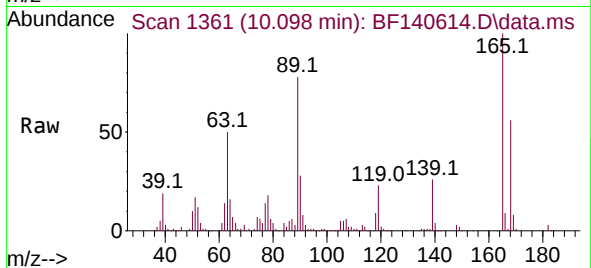
Tgt Ion:139 Resp: 131867
Ion Ratio Lower Upper
139 100
109 85.7 68.4 108.4
65 107.1 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 50.410 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

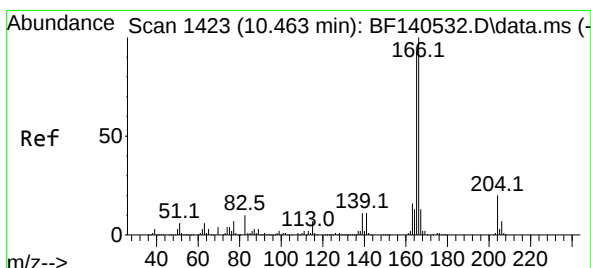
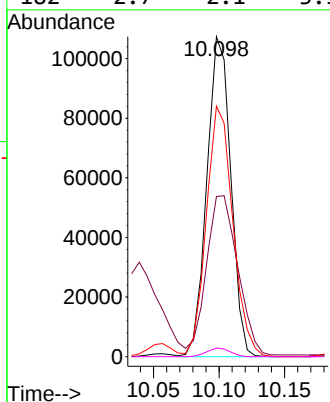
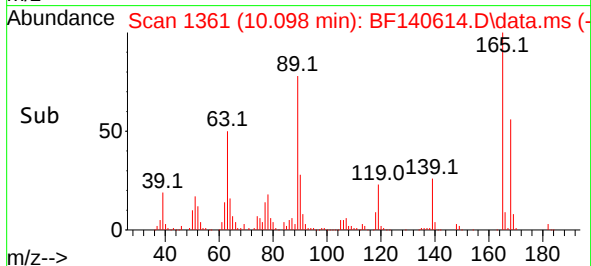
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



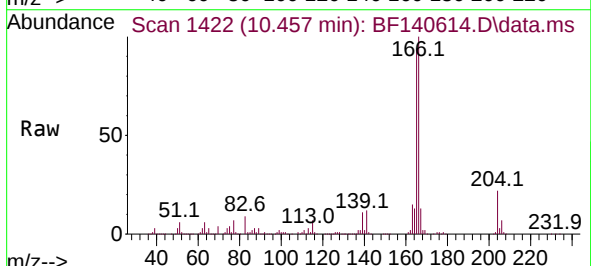
Tgt Ion:165 Resp: 136165
Ion Ratio Lower Upper
165 100
63 50.1 41.7 62.5
89 78.3 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations
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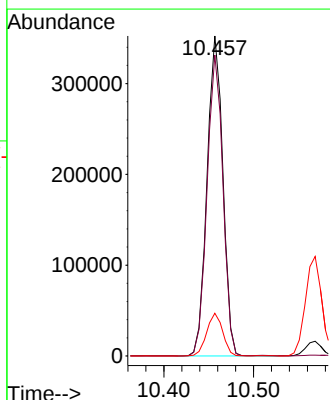
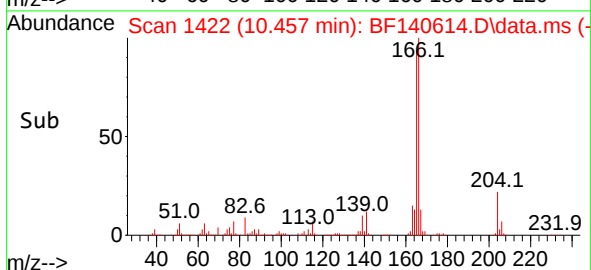
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 47.809 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



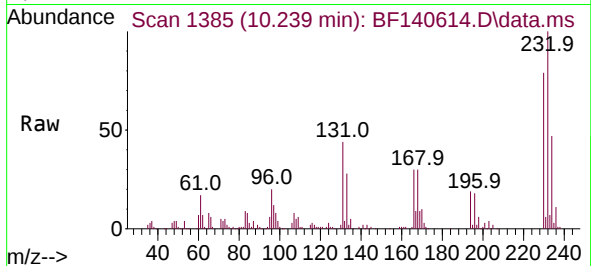
Tgt Ion:166 Resp: 432577
Ion Ratio Lower Upper
166 100
165 94.1 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.632 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

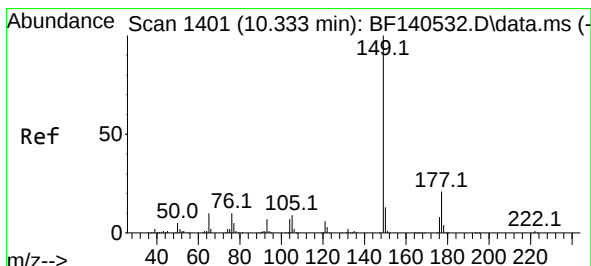
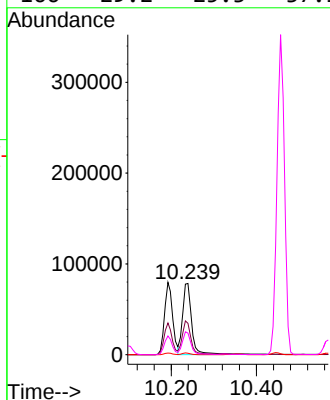
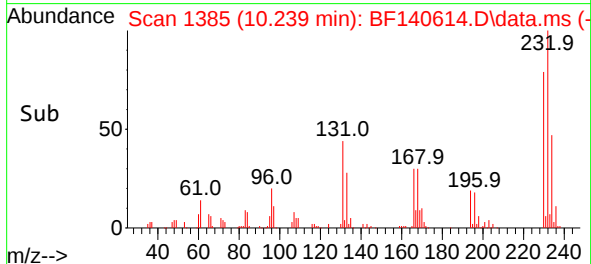
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:232 Resp: 115980
Ion Ratio Lower Upper
232 100
131 43.3 39.6 59.4
130 2.1 1.9 2.9
166 29.2 25.3 37.9

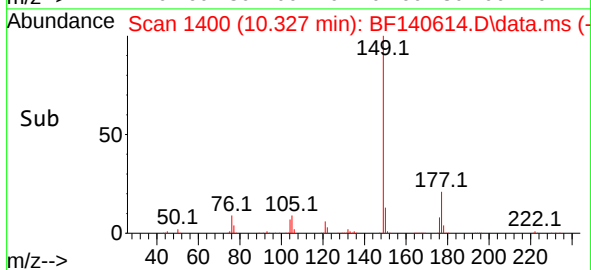
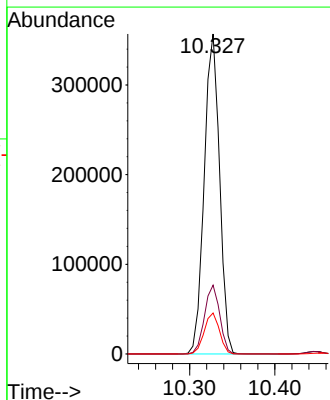
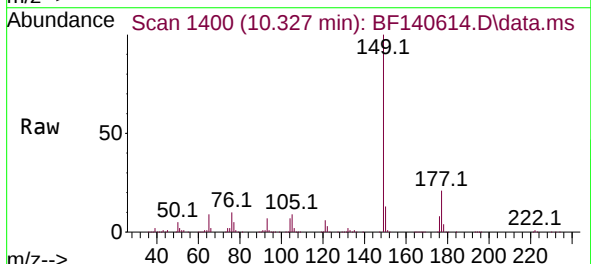
Manual Integrations
APPROVED

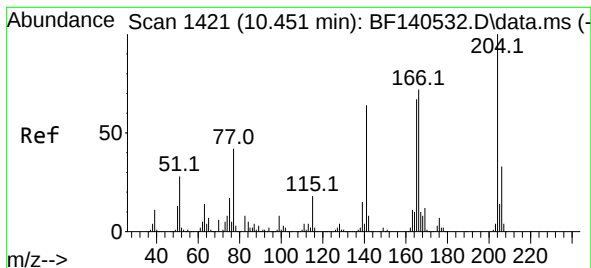
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 48.892 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

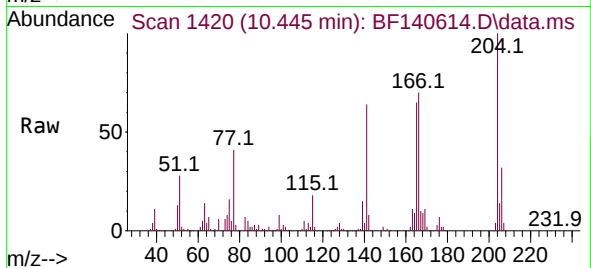
Tgt Ion:149 Resp: 445170
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.433 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

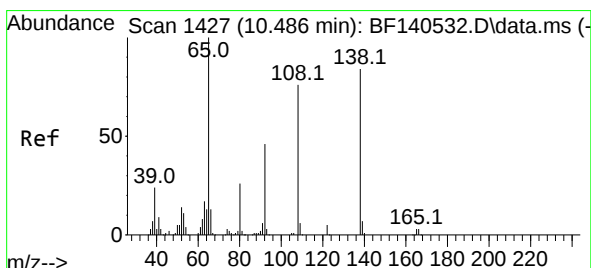
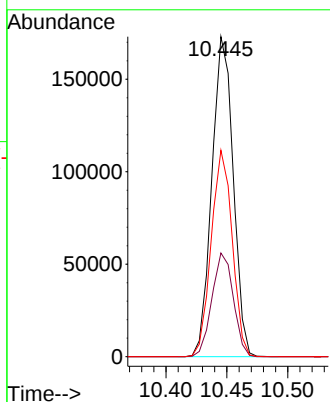
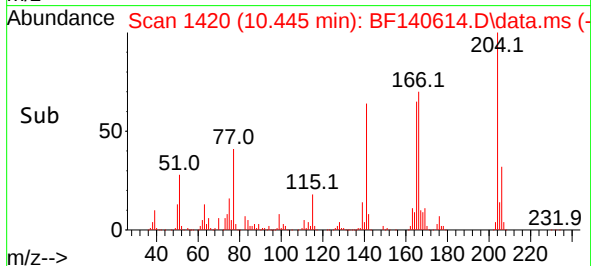
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:204 Resp: 210620
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.5 51.1 76.7

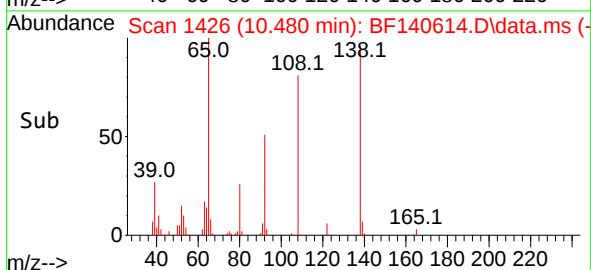
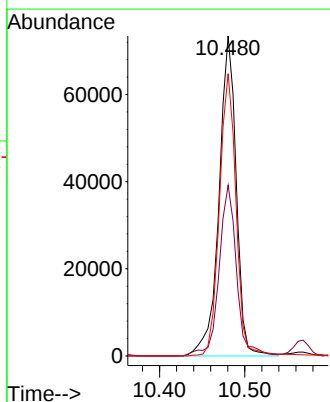
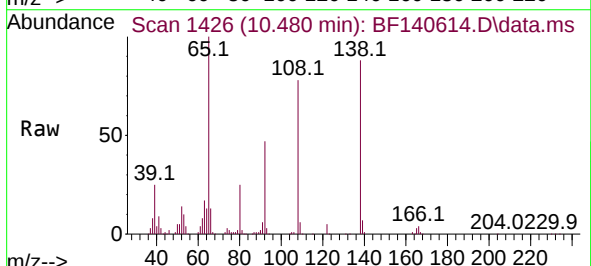
Manual Integrations
APPROVED

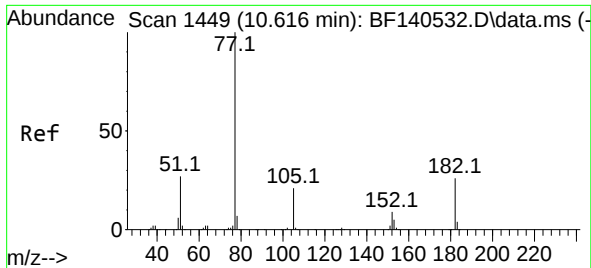
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 49.623 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:138 Resp: 103456
Ion Ratio Lower Upper
138 100
92 53.4 34.5 74.5
108 88.2 70.6 110.6





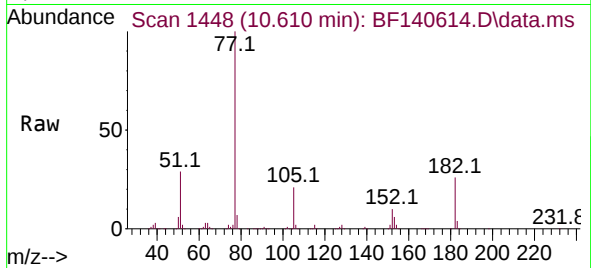
#63
Azobenzene
Concen: 48.588 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



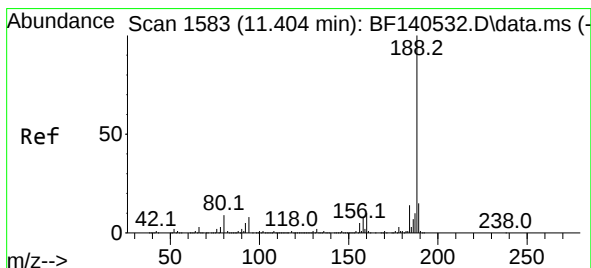
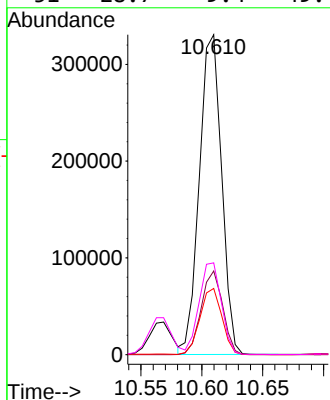
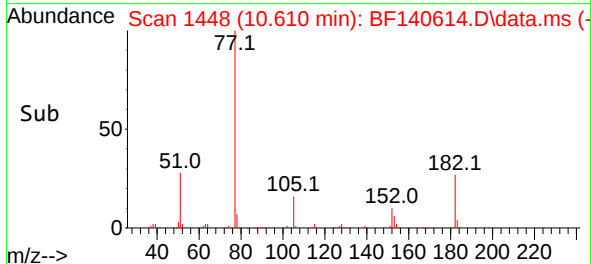
Tgt Ion: 77 Resp: 418948
Ion Ratio Lower Upper
77 100
182 26.2 5.3 45.3
105 20.7 0.3 40.3
51 28.7 9.4 49.4

Manual Integrations

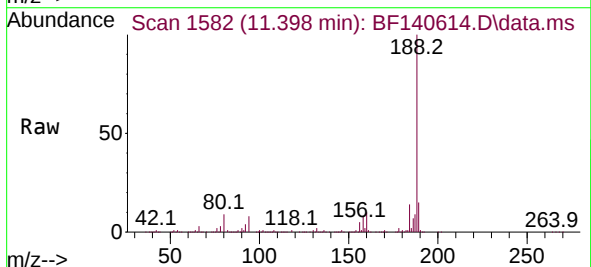
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

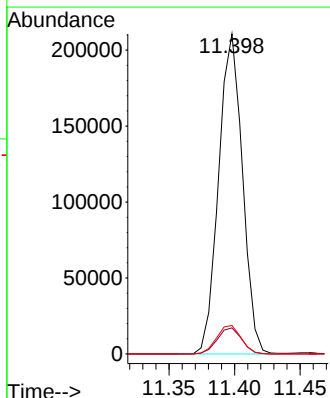
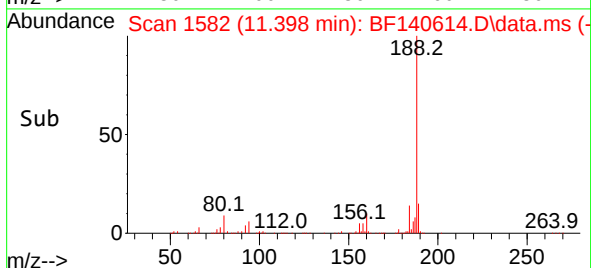
Supervised By :mohammad ahmed 11/27/2024

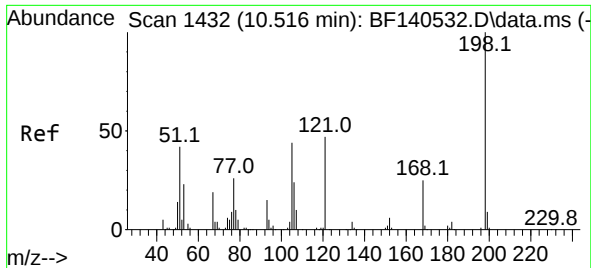


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion:188 Resp: 265977
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.9 6.9 10.3





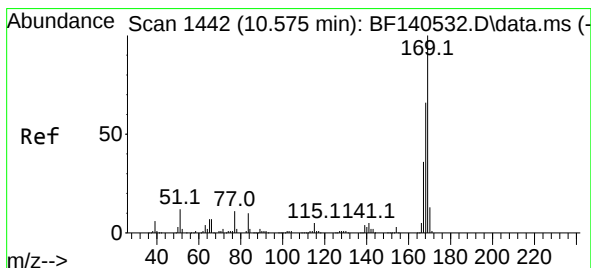
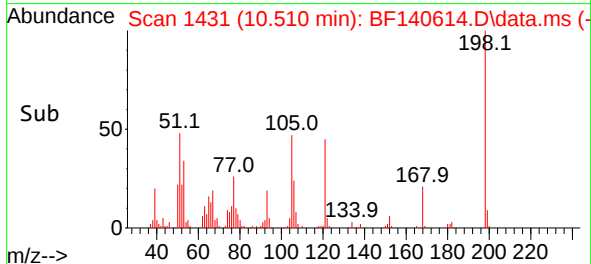
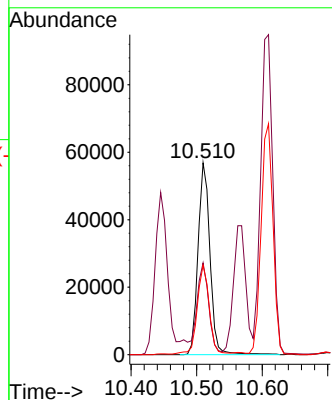
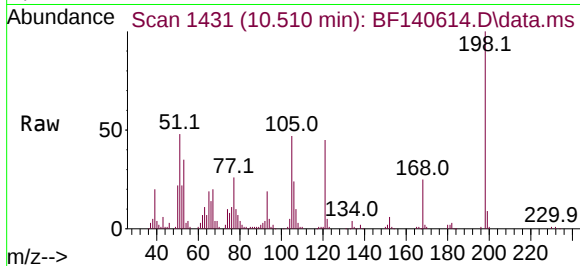
#65
4,6-Dinitro-2-methylphenol
Concen: 53.224 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:198 Resp: 72339
Ion Ratio Lower Upper
198 100
51 47.9 29.4 69.4
105 46.6 25.4 65.4

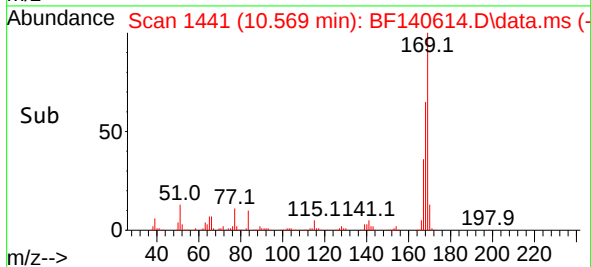
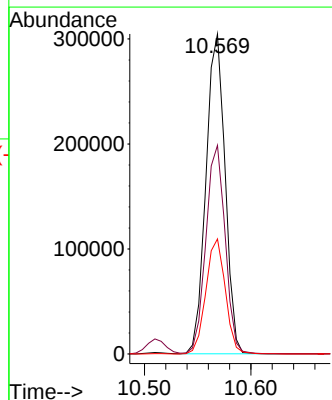
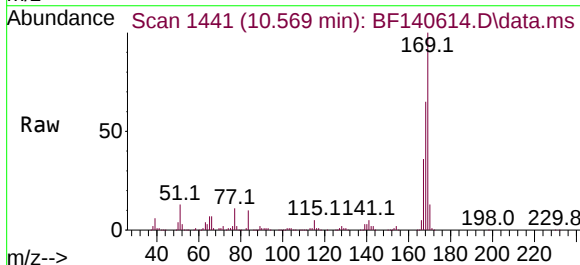
Manual Integrations
APPROVED

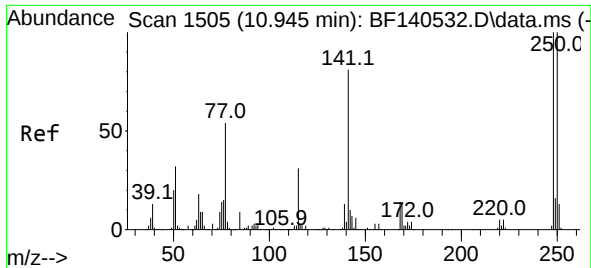
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 48.371 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

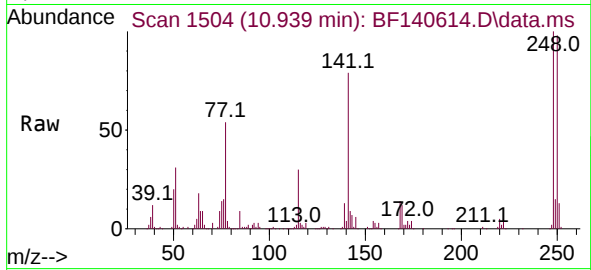
Tgt Ion:169 Resp: 380471
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.927 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

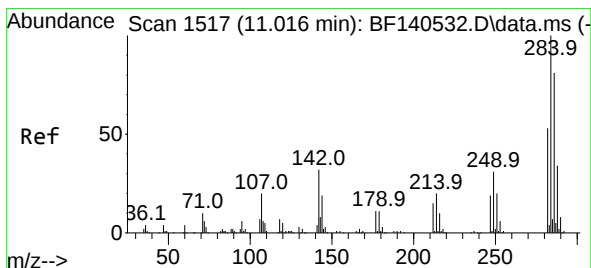
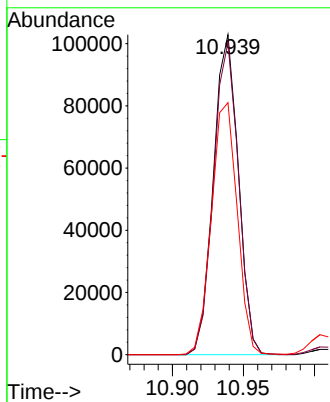
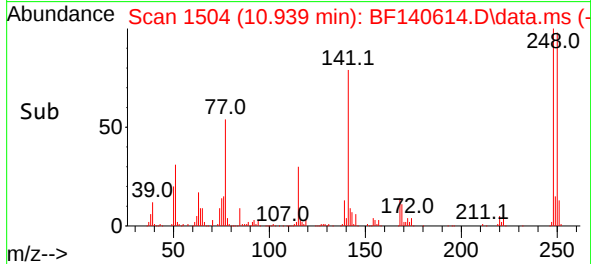
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



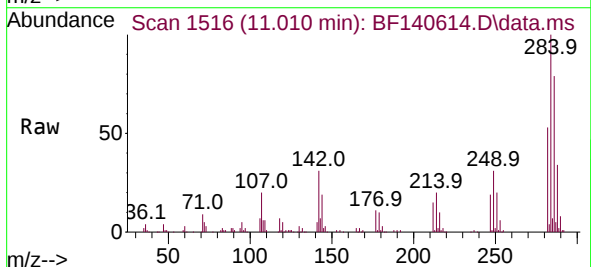
Tgt Ion:248 Resp: 125800
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 78.8 64.7 97.1

Manual Integrations
APPROVED

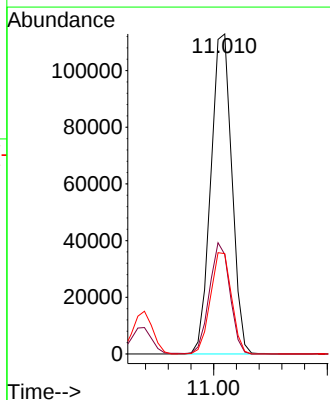
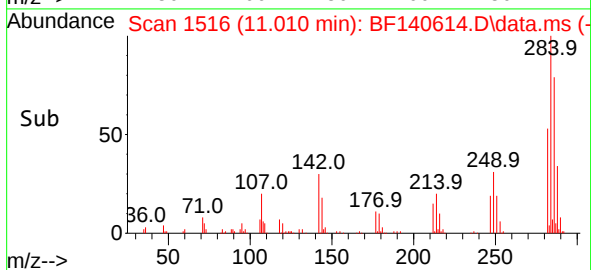
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 45.712 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion:284 Resp: 144983
Ion Ratio Lower Upper
284 100
142 31.1 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 56.642 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:200 Resp: 125330

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

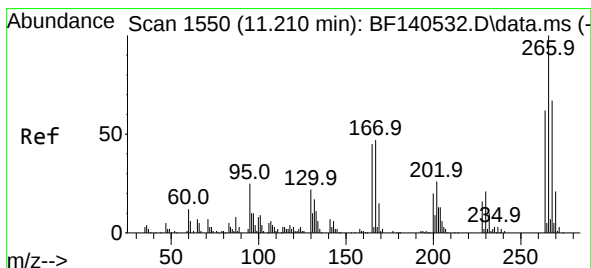
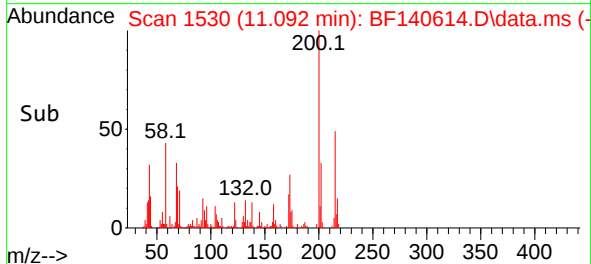
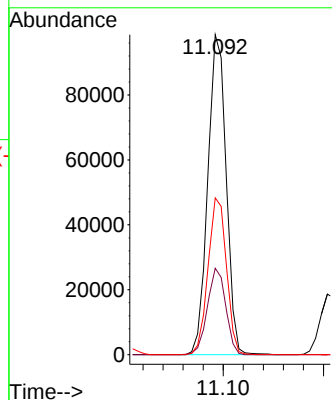
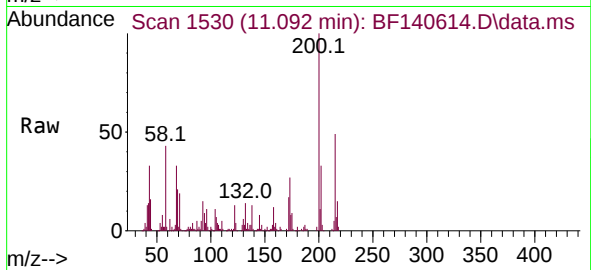
215 49.0 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 107.558 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

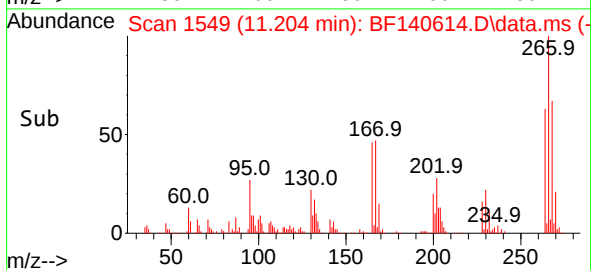
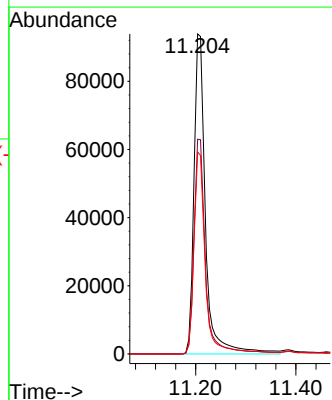
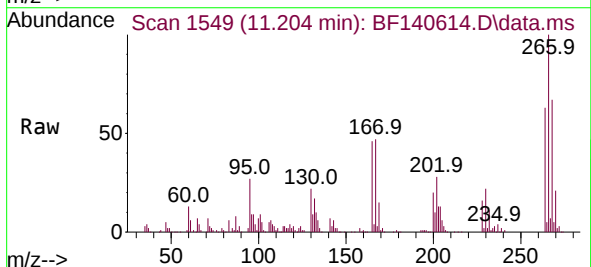
Tgt Ion:266 Resp: 150143

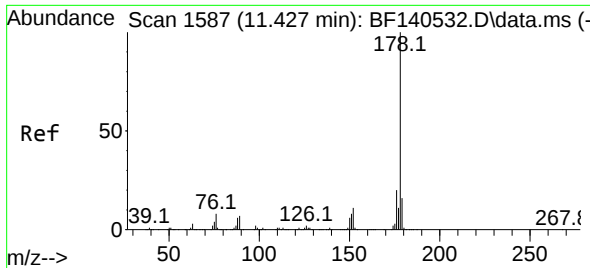
Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

264 63.1 49.8 74.8





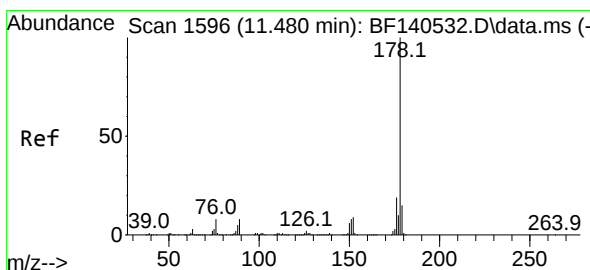
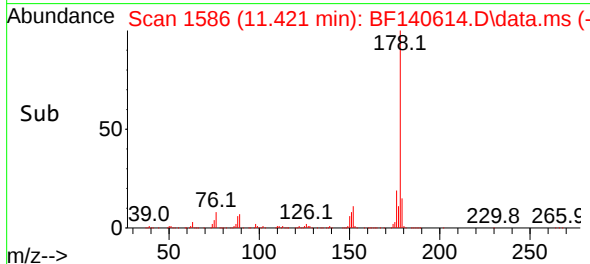
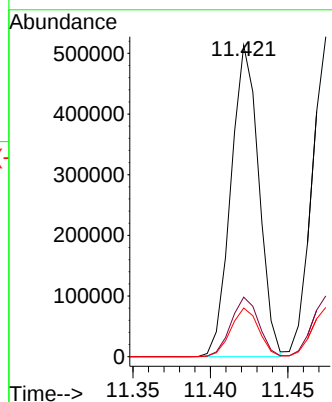
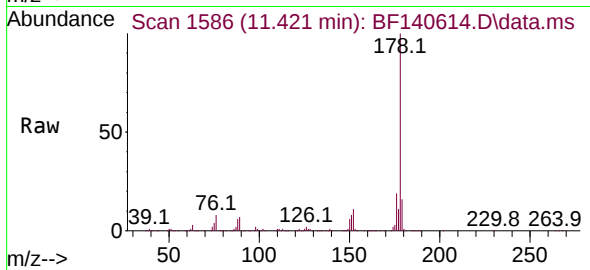
#71
Phenanthrene
Concen: 50.201 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:178 Resp: 64182
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 12.4 18.6

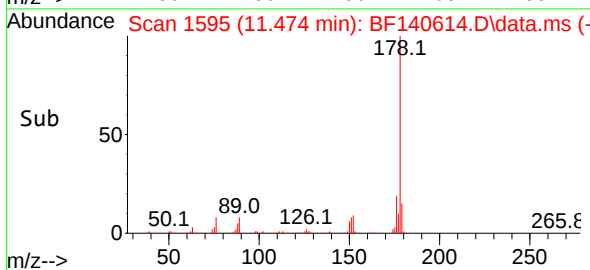
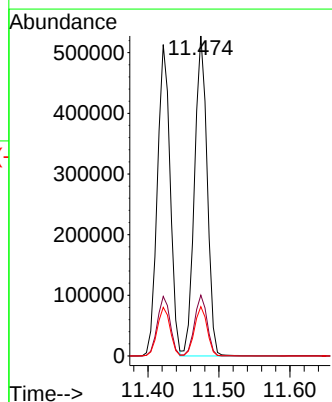
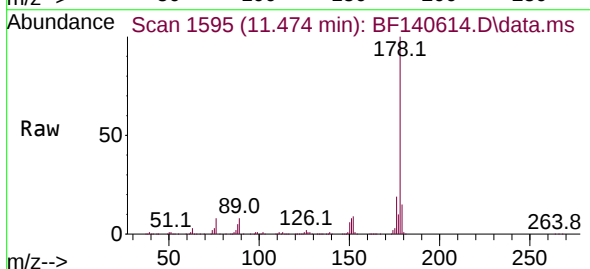
Manual Integrations
APPROVED

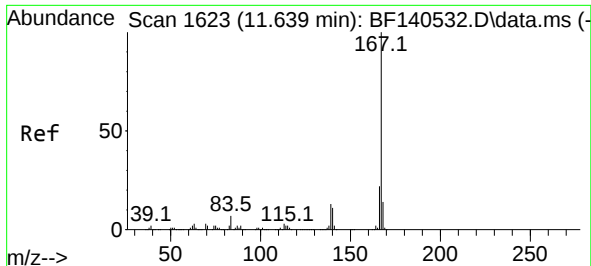
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 52.350 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

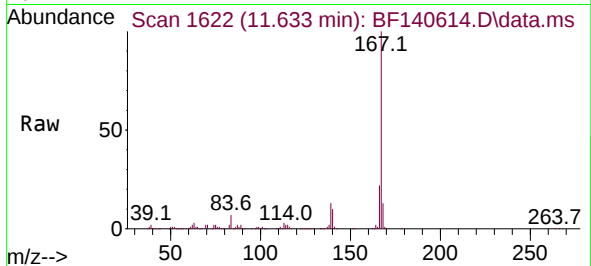
Tgt Ion:178 Resp: 654706
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 51.798 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140614.D
 Acq: 25 Nov 2024 20:18

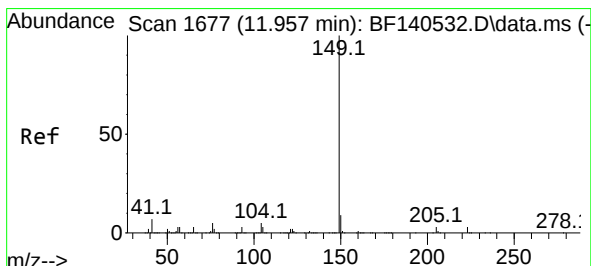
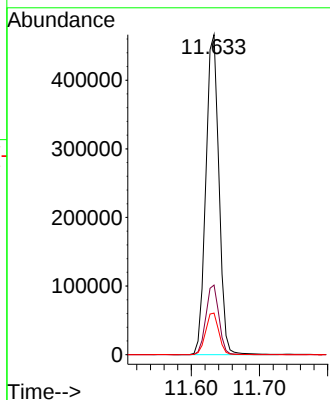
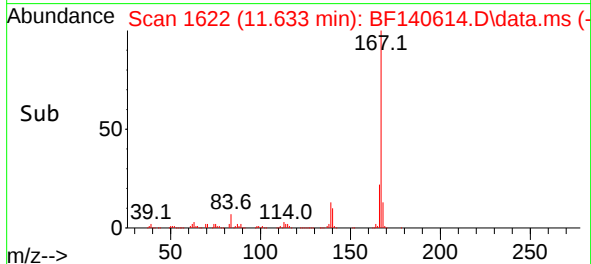
Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMSD



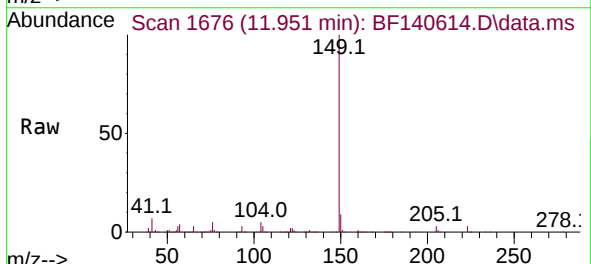
Tgt Ion:167 Resp: 62319
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.0 10.6 15.8

Manual Integrations
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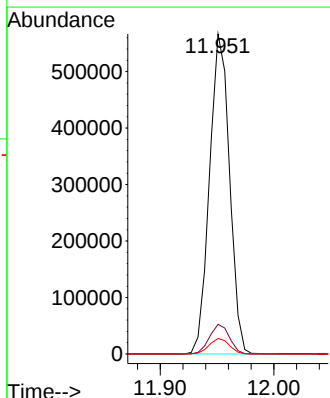
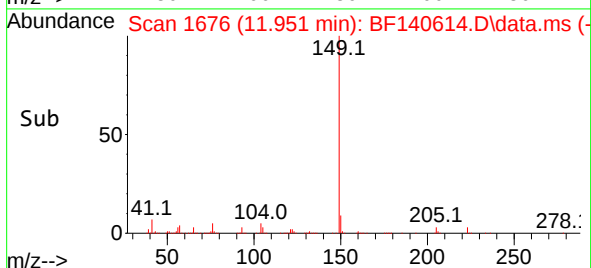
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

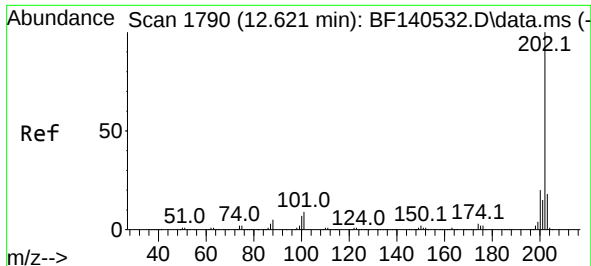


#74
 Di-n-butylphthalate
 Concen: 49.921 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140614.D
 Acq: 25 Nov 2024 20:18



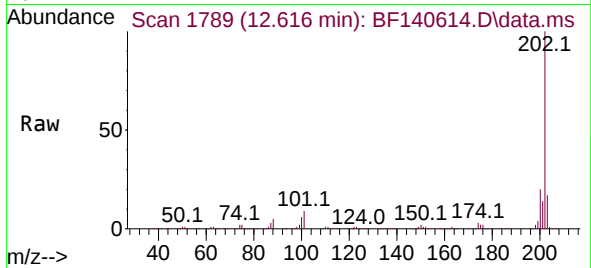
Tgt Ion:149 Resp: 693409
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 51.395 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

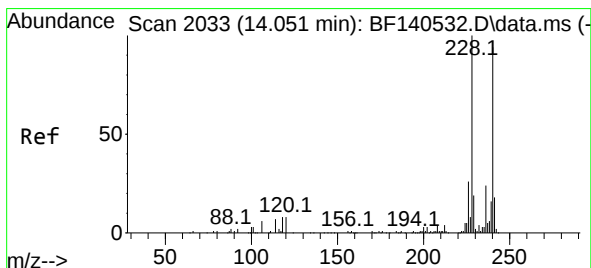
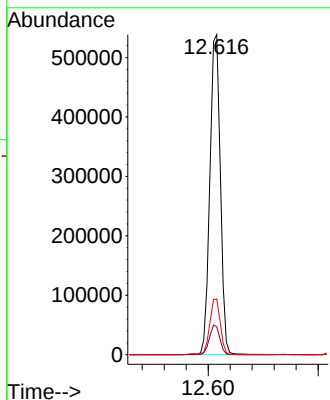
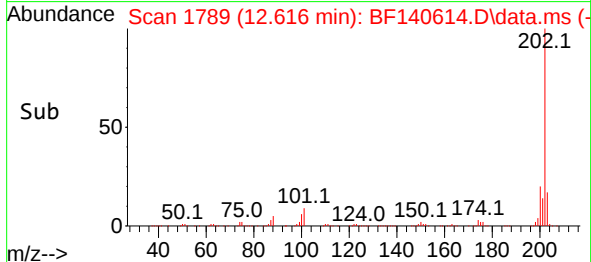
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:202 Resp: 713438
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.4 0.0 37.6

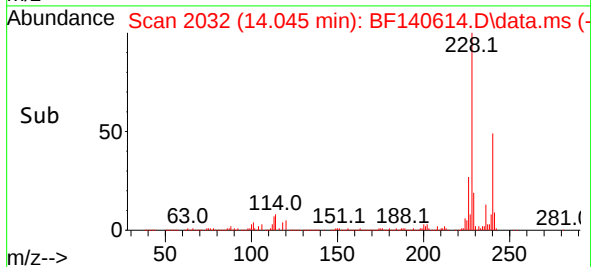
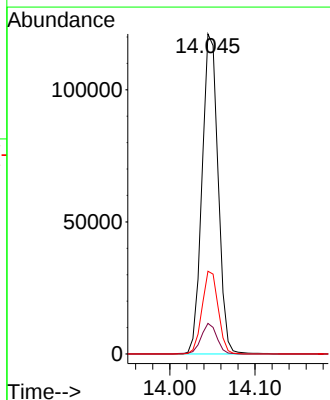
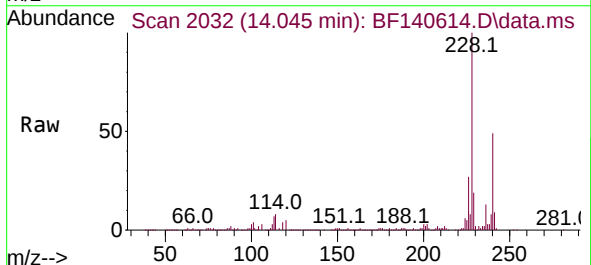
Manual Integrations
APPROVED

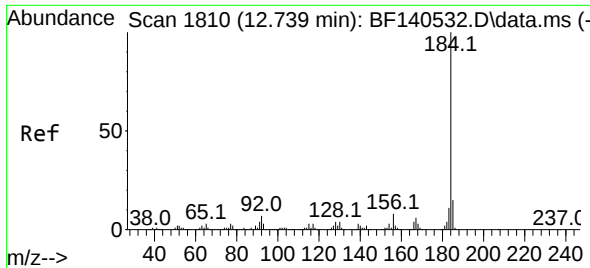
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

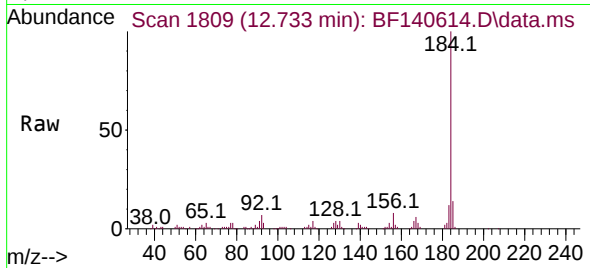
Tgt Ion:240 Resp: 158457
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.8 20.6 31.0





#77
Benzidine
Concen: 18.247 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

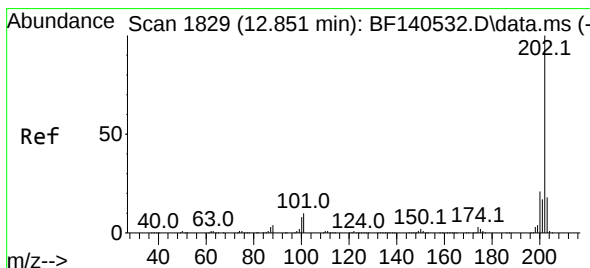
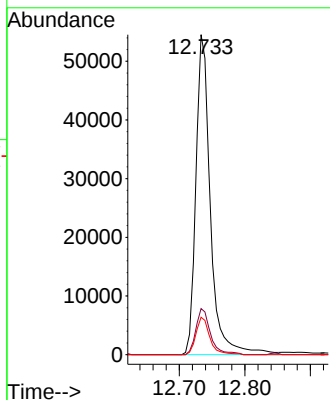
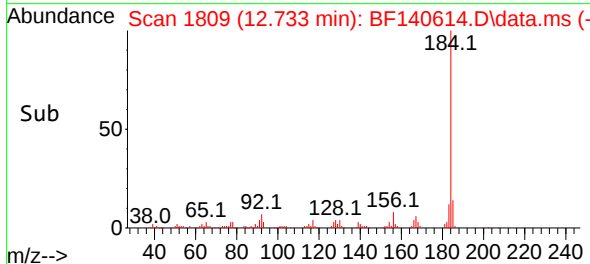
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



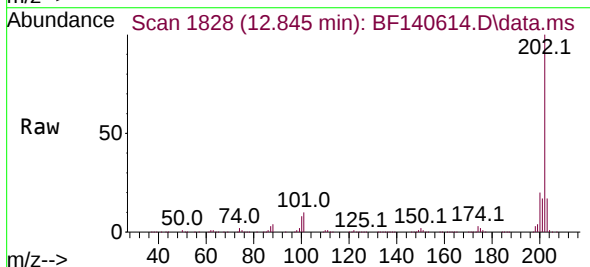
Tgt Ion:184 Resp: 8406
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.7 8.8 13.2

Manual Integrations
APPROVED

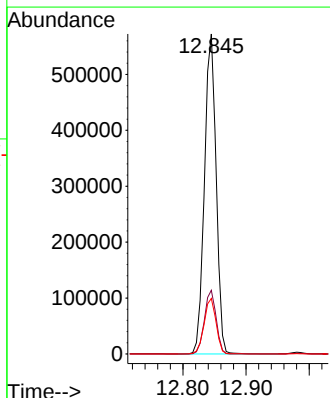
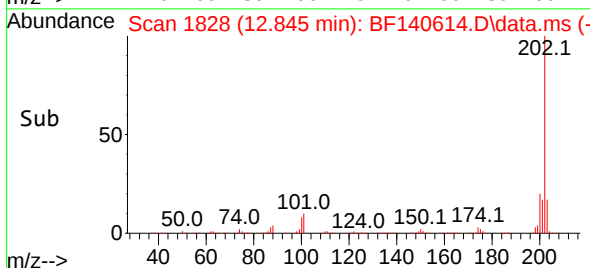
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

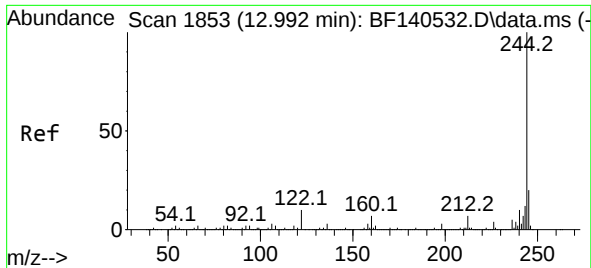


#78
Pyrene
Concen: 50.146 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



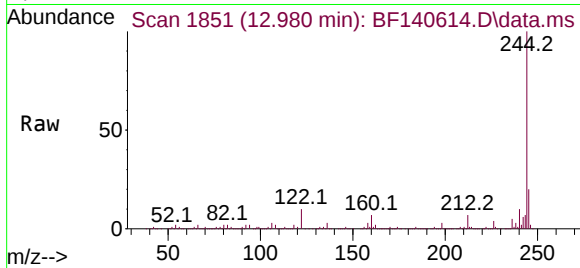
Tgt Ion:202 Resp: 734707
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 98.169 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140614.D
 Acq: 25 Nov 2024 20:18

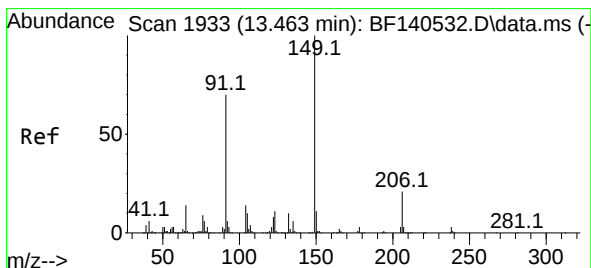
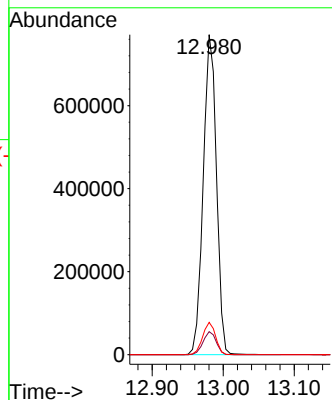
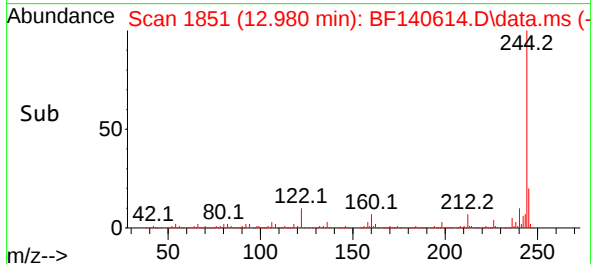
Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMSD



Tgt Ion:244 Resp: 998992
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.1 8.0 12.0

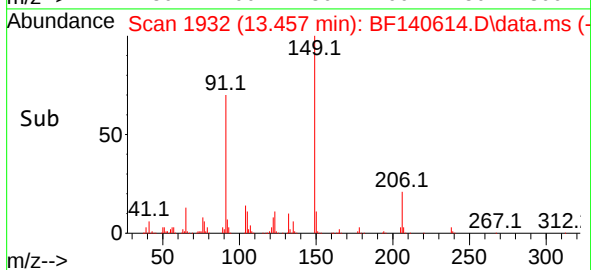
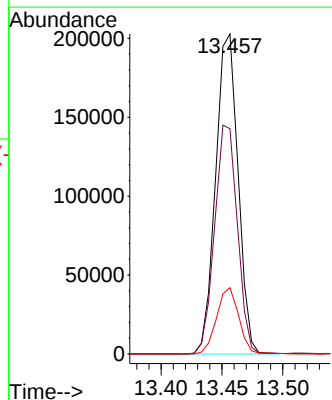
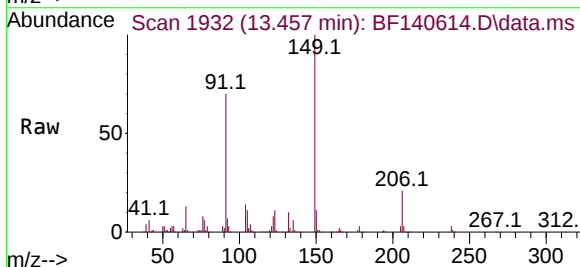
Manual Integrations
 APPROVED

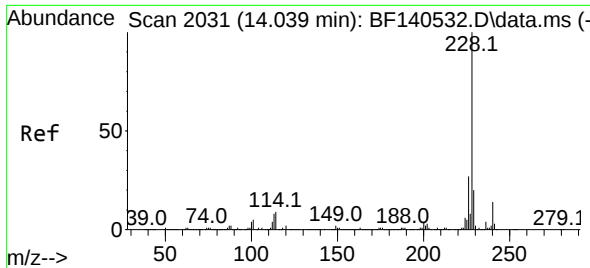
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 49.392 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140614.D
 Acq: 25 Nov 2024 20:18

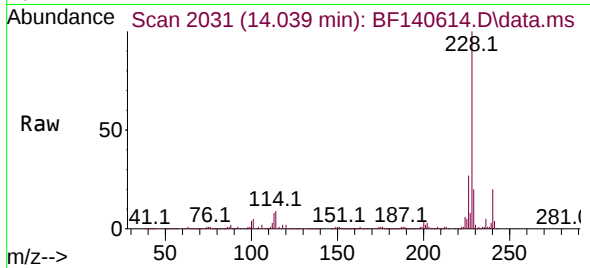
Tgt Ion:149 Resp: 260689
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.2 84.2
 206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 50.860 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

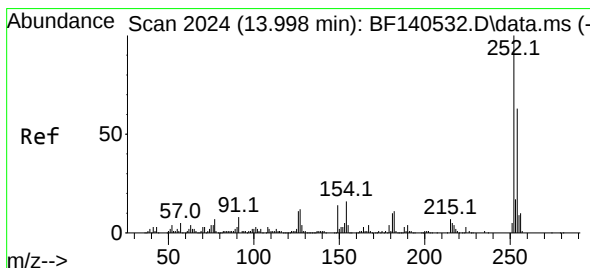
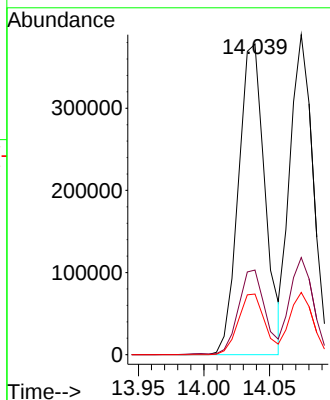
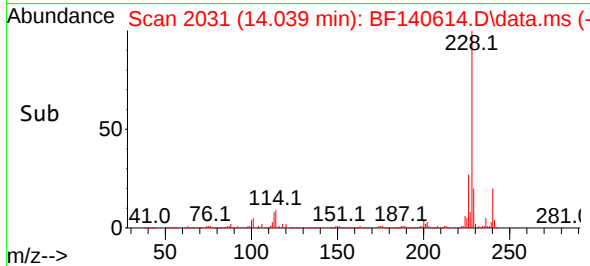
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



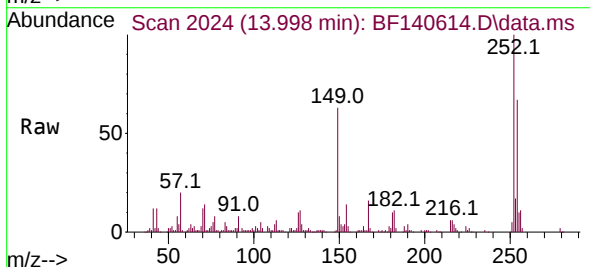
Tgt Ion:228 Resp: 533478
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6

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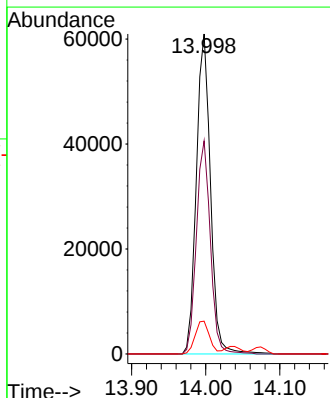
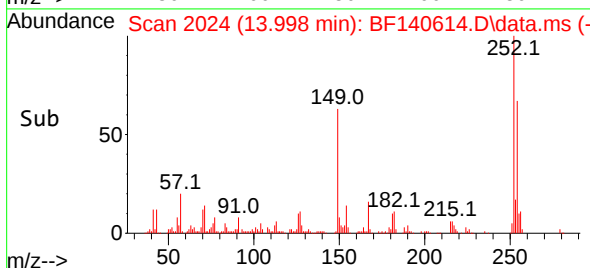
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 25.685 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18



Tgt Ion:252 Resp: 80889
Ion Ratio Lower Upper
252 100
254 66.6 50.8 76.2
126 10.3 8.6 13.0





#83

Chrysene

Concen: 49.828 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:228 Resp: 477909

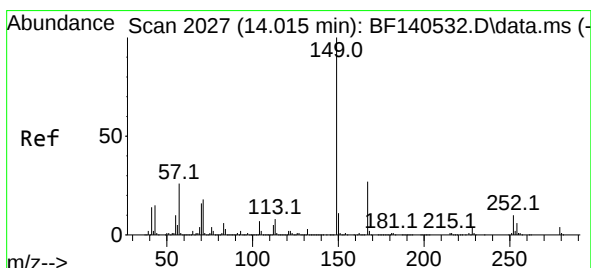
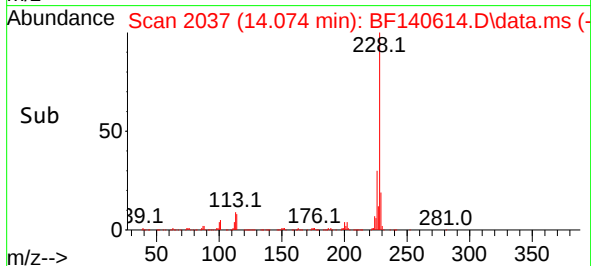
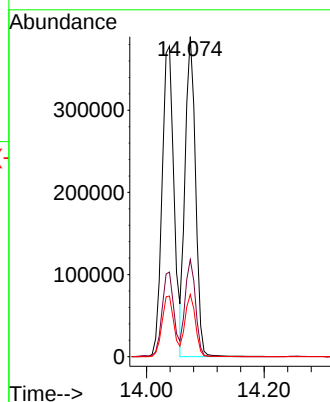
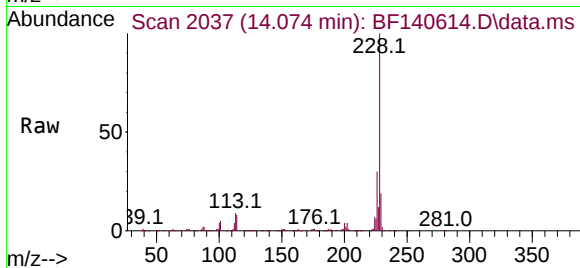
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.789 ng

RT: 14.015 min Scan# 2027

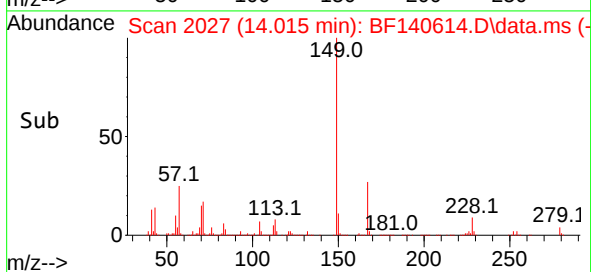
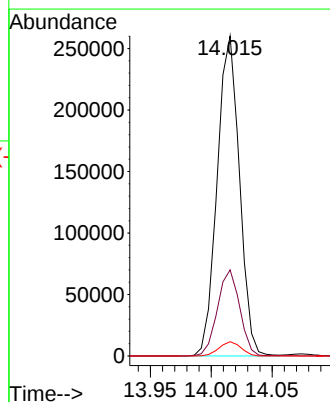
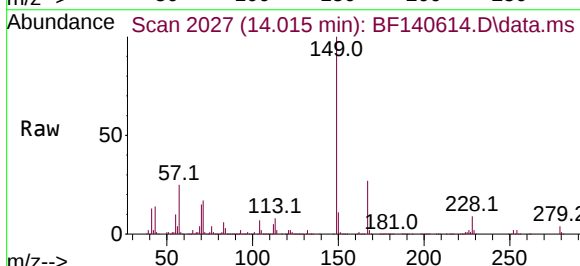
Delta R.T. -0.000 min

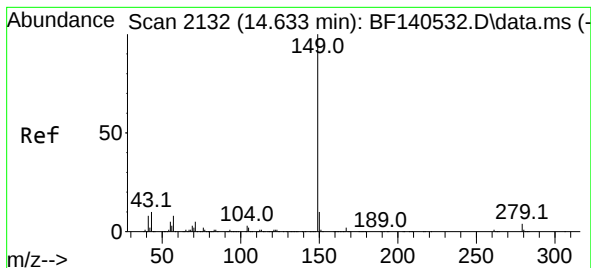
Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Tgt Ion:149 Resp: 331820

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	4.4	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 52.325 ng
RT: 14.645 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

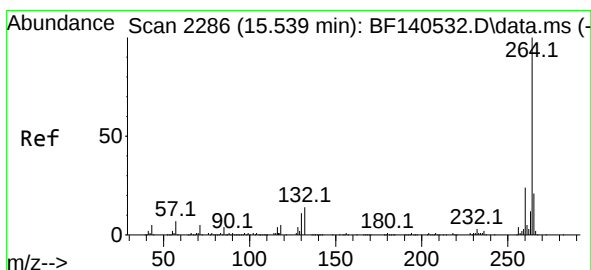
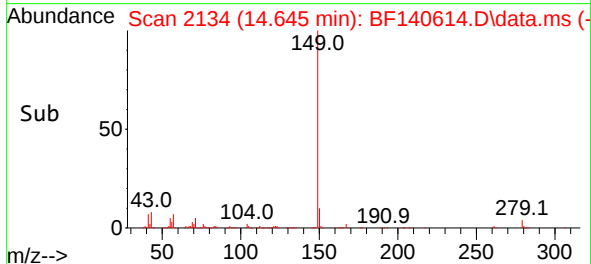
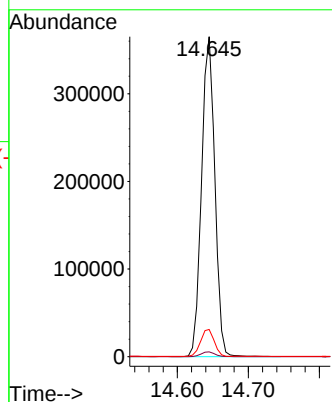
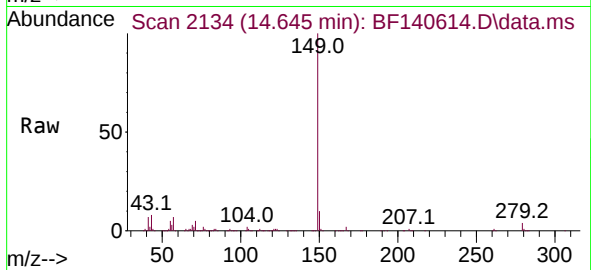
WB-310-BOTMSD

Tgt Ion:149 Resp: 476570
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.7 11.5

Manual Integrations

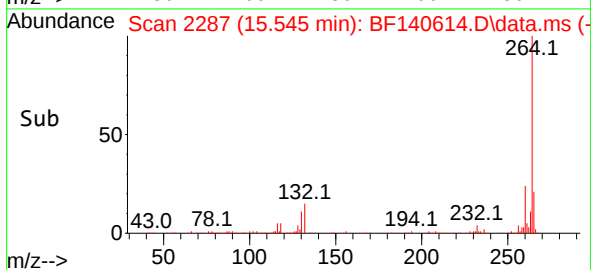
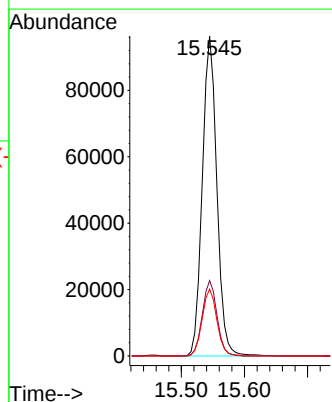
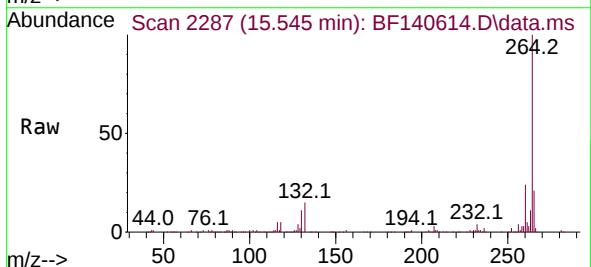
APPROVED

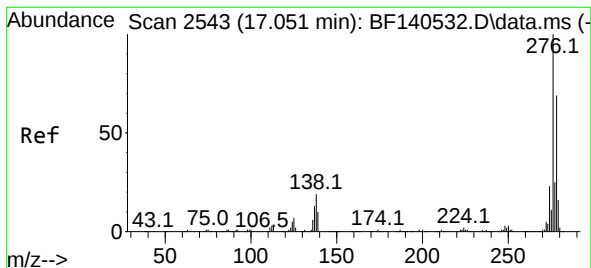
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:264 Resp: 154128
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 20.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.243 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:276 Resp: 504658

Ion Ratio Lower Upper

276 100

138 20.5 15.5 23.3

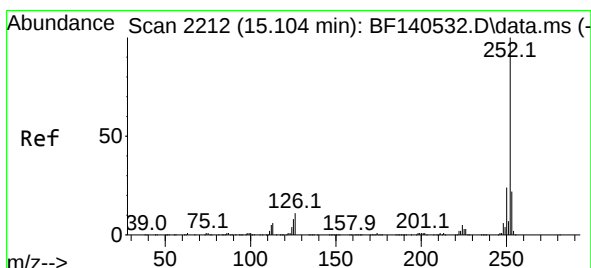
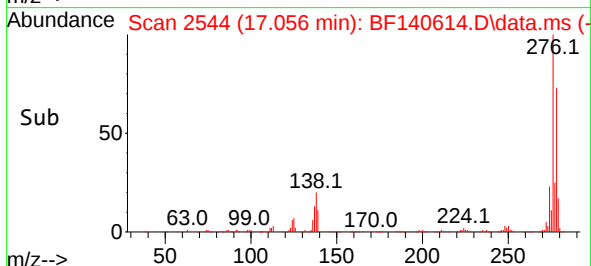
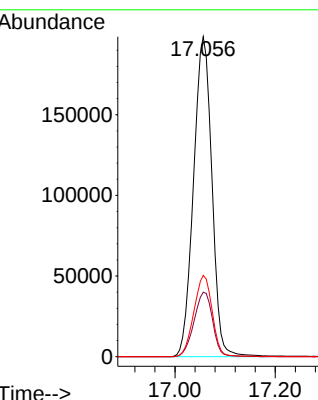
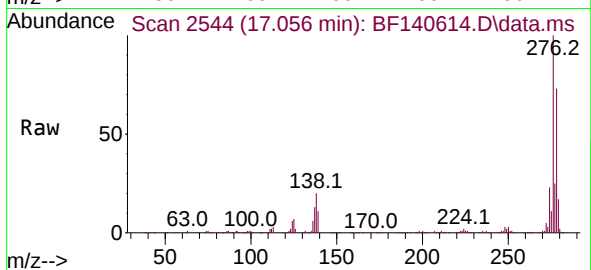
277 25.4 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 44.371 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

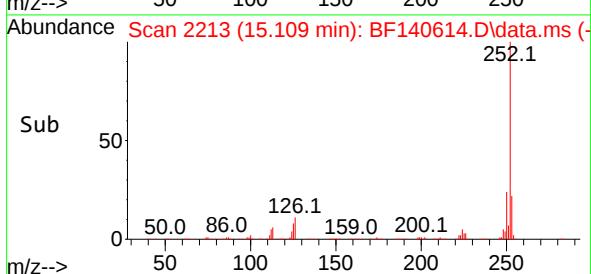
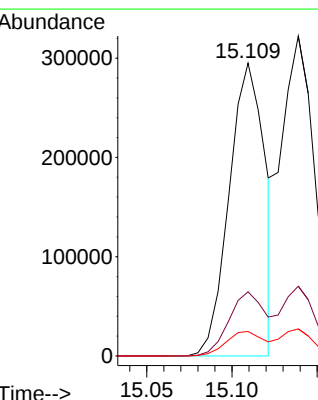
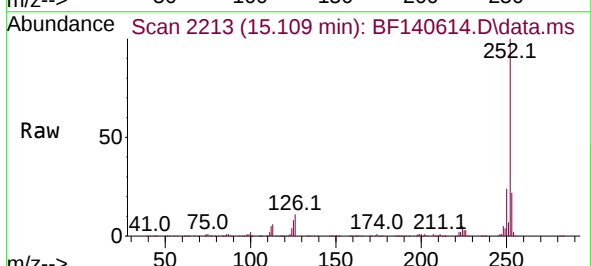
Tgt Ion:252 Resp: 429558

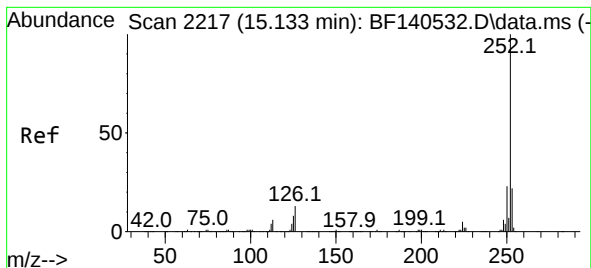
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.261 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:252 Resp: 44274

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

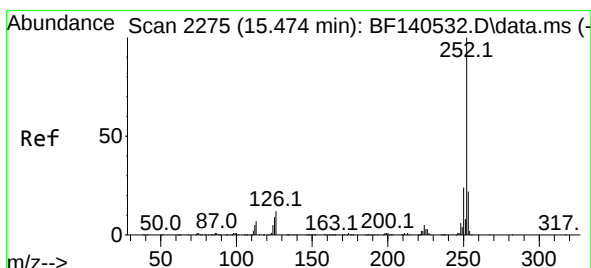
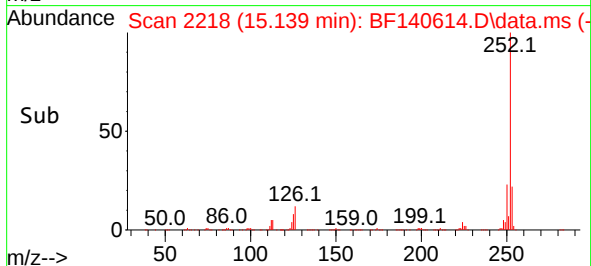
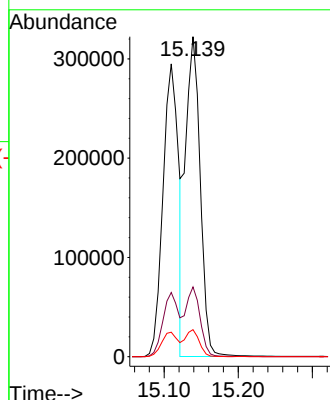
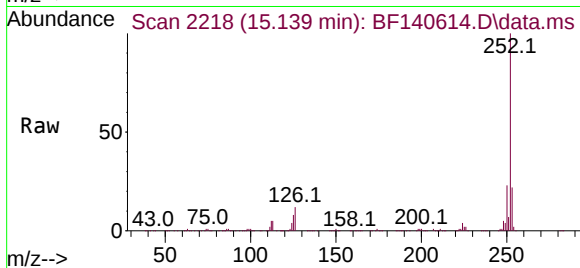
125 8.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 53.064 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140614.D

Acq: 25 Nov 2024 20:18

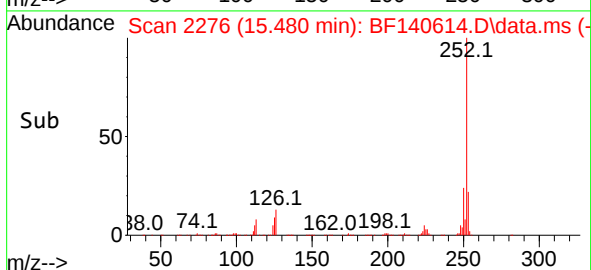
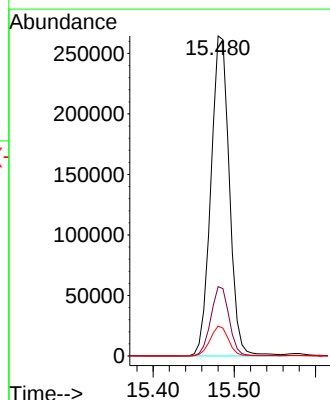
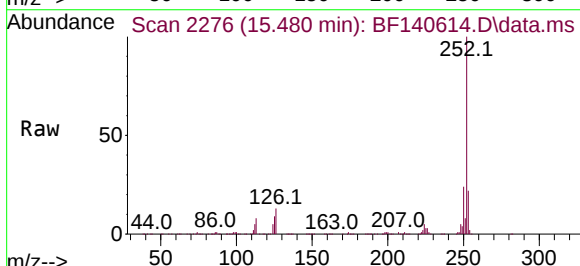
Tgt Ion:252 Resp: 417691

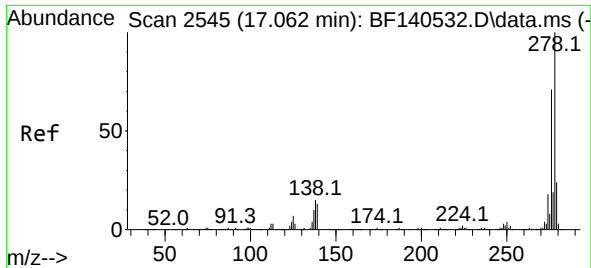
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

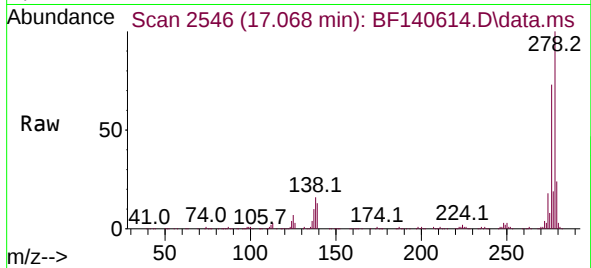
125 9.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.429 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

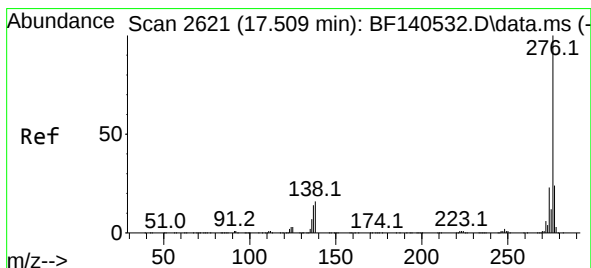
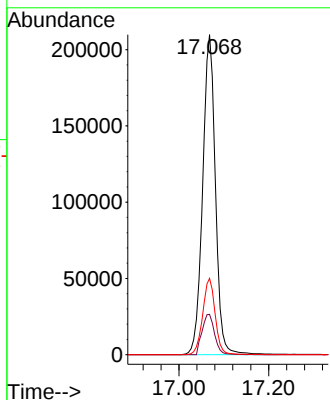
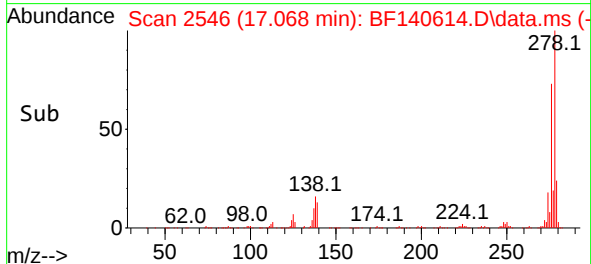
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:278 Resp: 414830
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.9 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 44.517 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140614.D
Acq: 25 Nov 2024 20:18

Tgt Ion:276 Resp: 373682
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 17.8 13.2 19.8

