

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140659.D
 Acq On : 27 Nov 2024 10:30
 Operator : RC/JU
 Sample : PB165144BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 11:15:37 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	82046	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308441	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177190	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	338038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213188	20.000	ng	0.00
86) Perylene-d12	15.545	264	167110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	660162	137.286	ng	0.01
7) Phenol-d6	6.516	99	860079	135.293	ng	0.00
23) Nitrobenzene-d5	7.434	82	560054	92.876	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265293	139.992	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1089947	91.651	ng	0.00
79) Terphenyl-d14	12.986	244	1256199	91.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	86757	42.911	ng	97
3) Pyridine	3.493	79	220472	49.562	ng	99
4) n-Nitrosodimethylamine	3.446	42	121230	46.369	ng	93
6) Aniline	6.534	93	222514	49.729	ng	# 85
8) 2-Chlorophenol	6.663	128	257589	49.791	ng	95
9) Benzaldehyde	6.422	77	19047	5.660	ng	98
10) Phenol	6.528	94	326867	50.347	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	238808	48.069	ng	99
12) 1,3-Dichlorobenzene	6.810	146	273009	46.965	ng	98
13) 1,4-Dichlorobenzene	6.887	146	274088	46.566	ng	100
14) 1,2-Dichlorobenzene	7.040	146	263879	47.844	ng	100
15) Benzyl Alcohol	7.016	79	237674	50.414	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295074	50.275	ng	90
17) 2-Methylphenol	7.128	107	206253	49.804	ng	97
18) Hexachloroethane	7.381	117	102854	46.787	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	179461	47.766	ng	99
20) 3+4-Methylphenols	7.281	107	261956	49.213	ng	96
22) Acetophenone	7.281	105	355523	47.279	ng	99
24) Nitrobenzene	7.457	77	285464	45.804	ng	97
25) Isophorone	7.693	82	494582	49.174	ng	100
26) 2-Nitrophenol	7.769	139	140191	50.759	ng	96
27) 2,4-Dimethylphenol	7.804	122	209117	63.282	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	296167	48.336	ng	99
29) 2,4-Dichlorophenol	8.016	162	218763	49.960	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	229749	45.954	ng	99
31) Naphthalene	8.175	128	765296	48.170	ng	100
32) Benzoic acid	7.940	122	114650	41.088	ng	100
33) 4-Chloroaniline	8.222	127	133189	28.000	ng	97
34) Hexachlorobutadiene	8.287	225	152393	46.020	ng	99
35) Caprolactam	8.598	113	69861m	51.555	ng	
36) 4-Chloro-3-methylphenol	8.716	107	246154	50.209	ng	98
37) 2-Methylnaphthalene	8.863	142	502787	49.825	ng	99
38) 1-Methylnaphthalene	8.963	142	467838	47.298	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242624	46.773	ng	99
41) Hexachlorocyclopentadiene	9.016	237	200078	163.248	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	156766	48.162	ng	98

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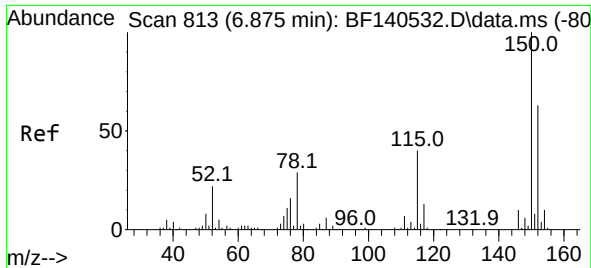
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 11:15:37 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)
44) 2,4,5-Trichlorophenol	9.198	196	164532	46.576	ng	96
46) 1,1'-Biphenyl	9.328	154	631034	47.700	ng	99
47) 2-Chloronaphthalene	9.357	162	470299	46.917	ng	99
48) 2-Nitroaniline	9.457	65	158673	49.315	ng	96
49) Acenaphthylene	9.769	152	781907	51.626	ng	99
50) Dimethylphthalate	9.628	163	574368	49.219	ng	99
51) 2,6-Dinitrotoluene	9.698	165	125055	47.251	ng	94
52) Acenaphthene	9.945	154	473370	49.189	ng	100
53) 3-Nitroaniline	9.869	138	83776	32.365	ng	96
54) 2,4-Dinitrophenol	9.981	184	120715	87.279	ng	97
55) Dibenzofuran	10.116	168	706974	48.163	ng	99
56) 4-Nitrophenol	10.045	139	168353	95.365	ng	94
57) 2,4-Dinitrotoluene	10.104	165	172553	49.057	ng	97
58) Fluorene	10.457	166	560062	47.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	141245	52.026	ng	95
60) Diethylphthalate	10.328	149	565227	47.672	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	277803	48.045	ng	99
62) 4-Nitroaniline	10.486	138	130223	47.967	ng	97
63) Azobenzene	10.610	77	541255	48.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94895	54.935	ng	96
66) n-Nitrosodiphenylamine	10.569	169	487573	48.774	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	165350	47.497	ng	98
68) Hexachlorobenzene	11.010	284	189679	47.055	ng	99
69) Atrazine	11.098	200	161923	57.578	ng	98
70) Pentachlorophenol	11.210	266	172264	97.098	ng	99
71) Phenanthrene	11.428	178	808001	49.726	ng	99
72) Anthracene	11.475	178	823351	51.800	ng	99
73) Carbazole	11.633	167	763113	49.906	ng	100
74) Di-n-butylphthalate	11.951	149	868491	49.197	ng	100
75) Fluoranthene	12.616	202	893626	50.652	ng	99
77) Benzidine	12.739	184	184796	29.814	ng	99
78) Pyrene	12.845	202	920263	46.686	ng	100
80) Butylbenzylphthalate	13.457	149	344945	48.577	ng	98
81) Benzo(a)anthracene	14.039	228	712365	50.479	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	139928	33.025	ng	98
83) Chrysene	14.075	228	656248	50.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	455416	50.791	ng	100
85) Di-n-octyl phthalate	14.639	149	659465	53.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	548733	50.387	ng	99
88) Benzo(b)fluoranthene	15.110	252	535206	50.989	ng	99
89) Benzo(k)fluoranthene	15.139	252	484597	52.758	ng	100
90) Benzo(a)pyrene	15.480	252	467848	54.819	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	450067	50.463	ng	100
92) Benzo(g,h,i)perylene	17.510	276	423327	46.514	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

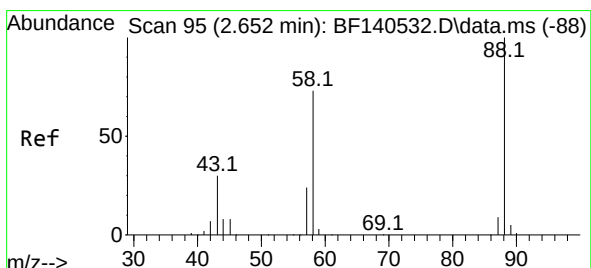
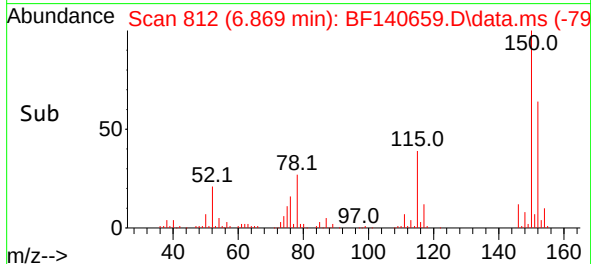
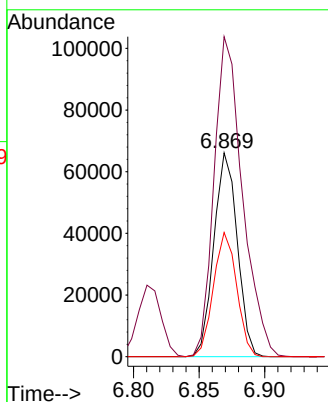
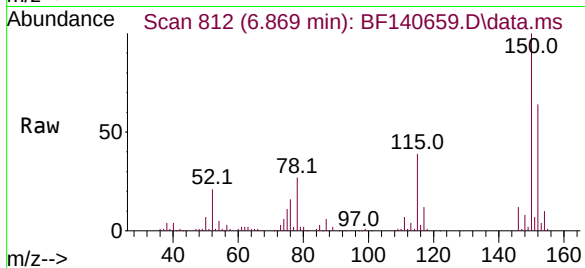
PB165144BS

Tgt Ion:152 Resp: 82040
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 60.9 50.2 75.4

Manual Integrations

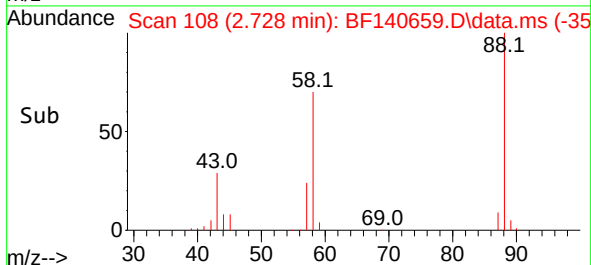
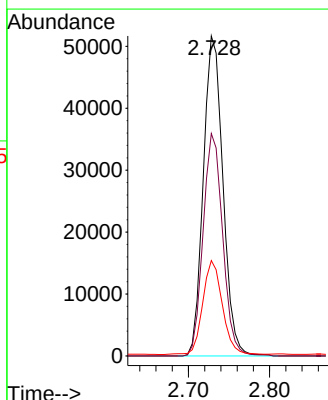
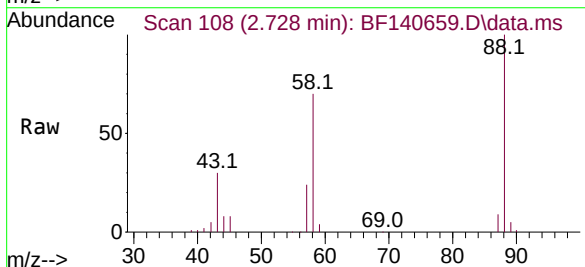
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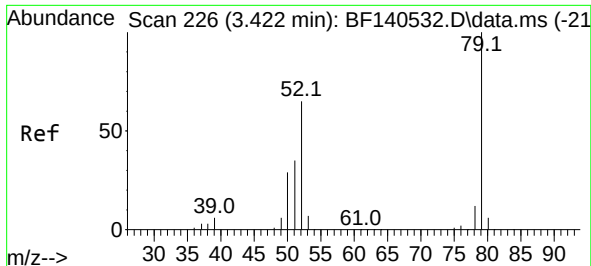
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#2
1,4-Dioxane
Concen: 42.911 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.077 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 88 Resp: 86757
Ion Ratio Lower Upper
88 100
58 69.4 57.4 86.2
43 29.3 24.3 36.5





#3

Pyridine

Concen: 49.562 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

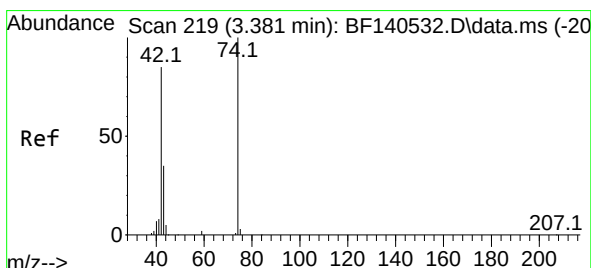
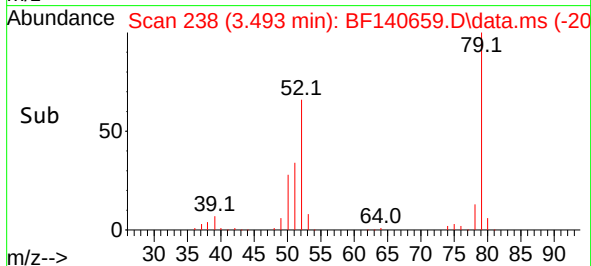
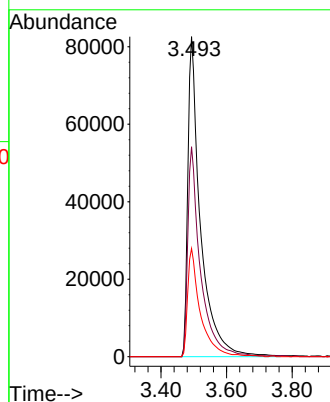
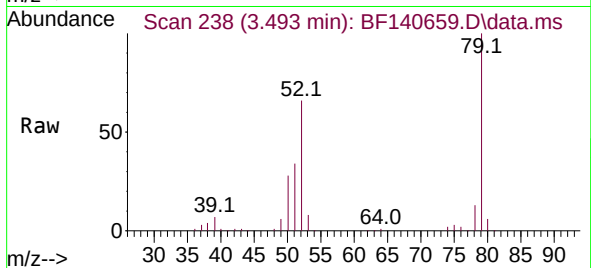
ClientSampleId :

PB165144BS

Tgt Ion: 79 Resp: 220472
 Ion Ratio Lower Upper
 79 100
 52 65.6 52.1 78.1
 51 33.8 27.8 41.8

Manual Integrations
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Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#4

n-Nitrosodimethylamine

Concen: 46.369 ng

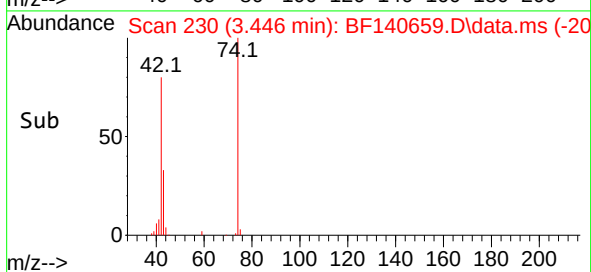
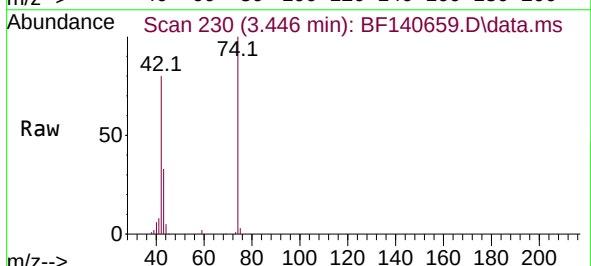
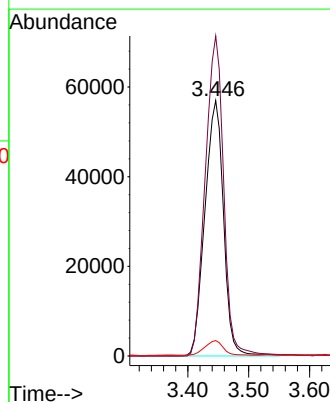
RT: 3.446 min Scan# 230

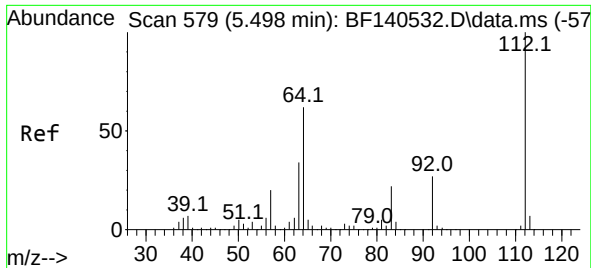
Delta R.T. 0.065 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion: 42 Resp: 121230
 Ion Ratio Lower Upper
 42 100
 74 125.3 93.8 140.6
 44 6.0 4.6 6.8





#5
2-Fluorophenol
Concen: 137.286 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

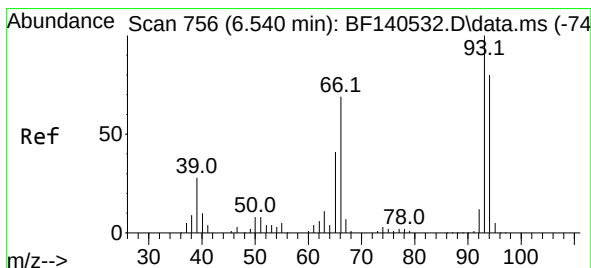
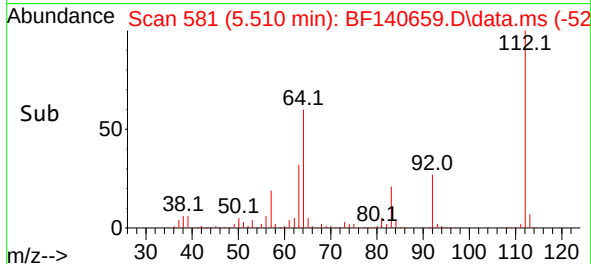
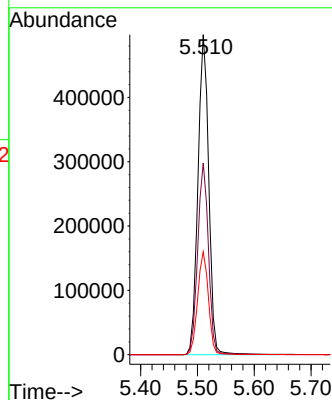
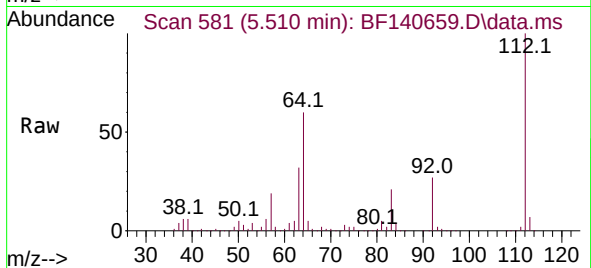
PB165144BS

Tgt Ion:112 Resp: 66016
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.2 27.0 40.4

Manual Integrations

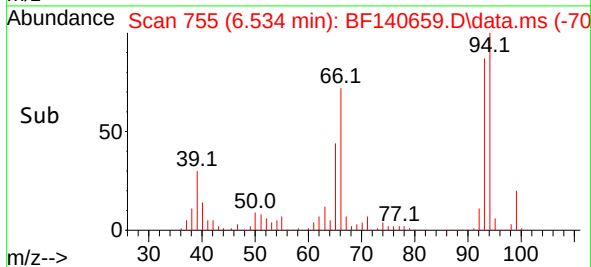
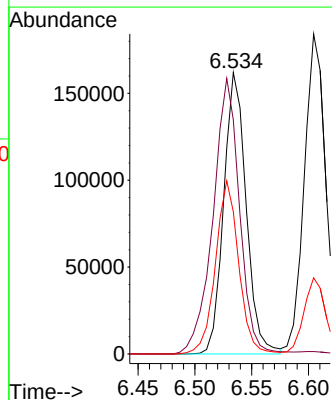
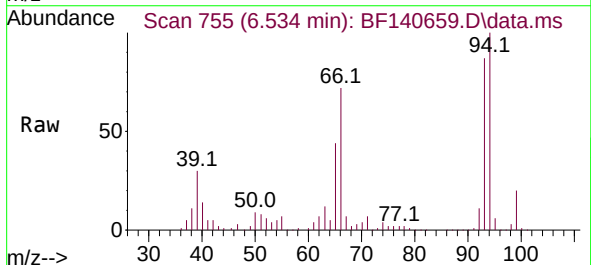
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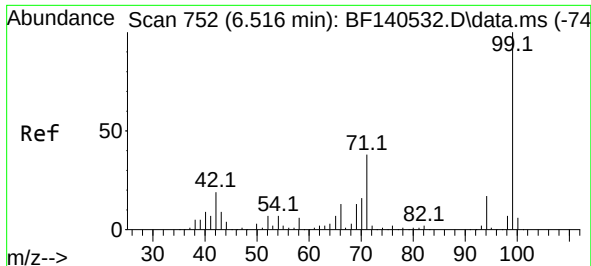
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 49.729 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

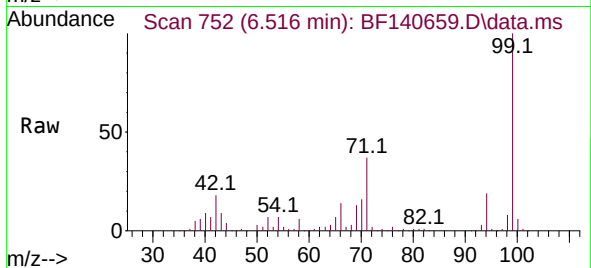
Tgt Ion: 93 Resp: 222514
Ion Ratio Lower Upper
93 100
66 83.2 56.5 84.7
65 50.6 32.9 49.3





#7
Phenol-d6
Concen: 135.293 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

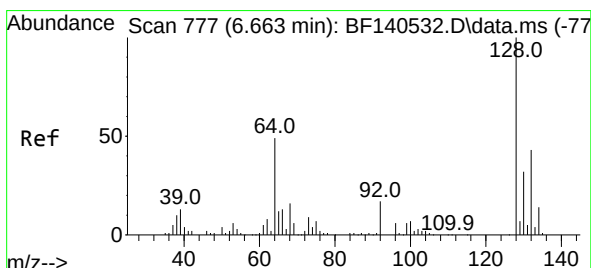
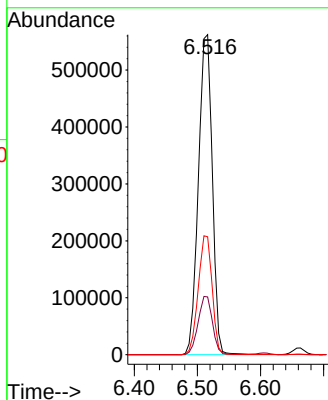
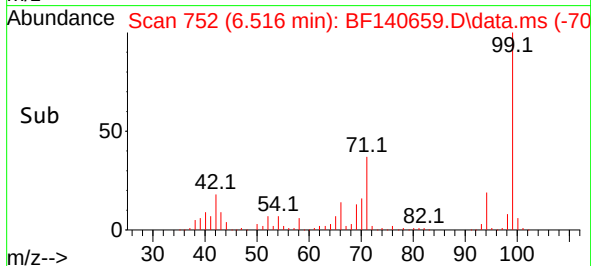
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion: 99 Resp: 860079
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0

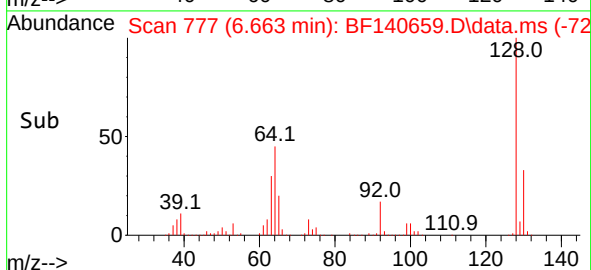
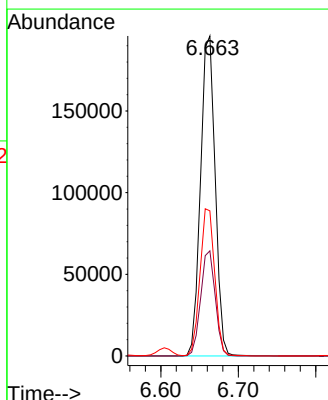
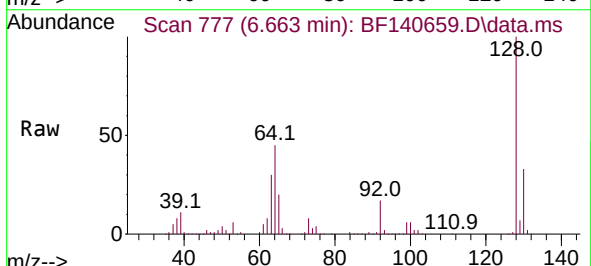
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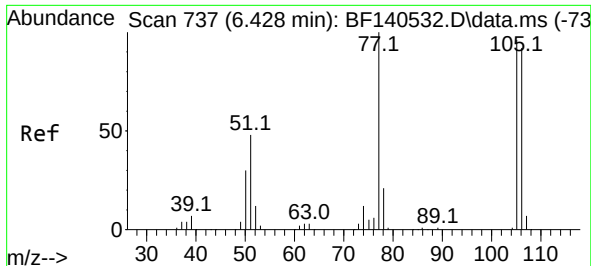
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#8
2-Chlorophenol
Concen: 49.791 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:128 Resp: 257589
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.3 30.2 70.2





#9

Benzaldehyde

Concen: 5.660 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

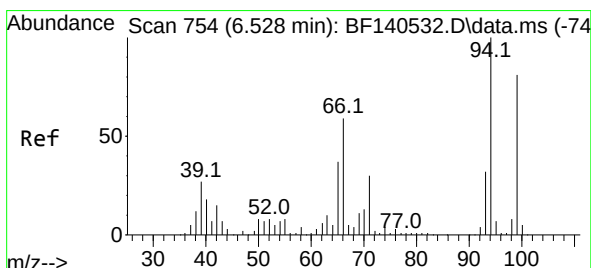
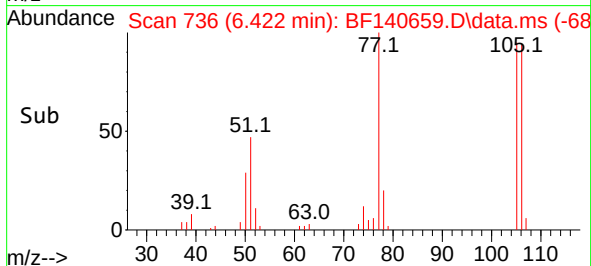
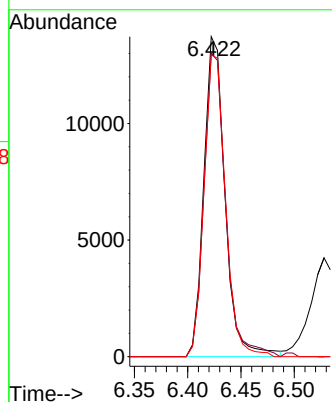
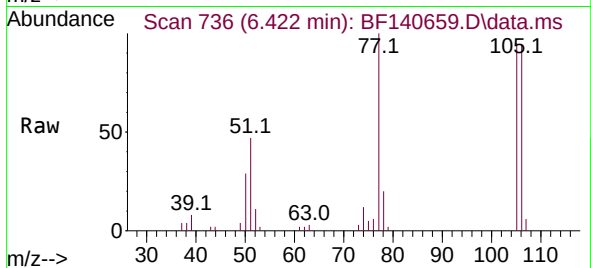
Tgt Ion:	77	Resp:	1904
Ion Ratio	Lower	Upper	
77	100		
105	94.8	75.6	115.6
106	94.3	72.0	112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#10

Phenol

Concen: 50.347 ng

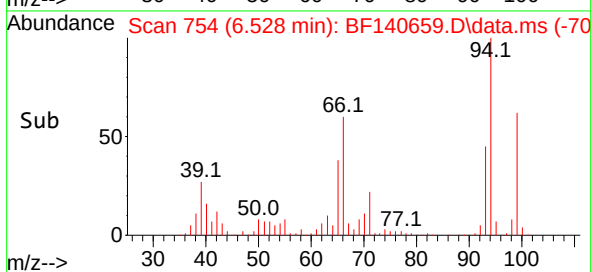
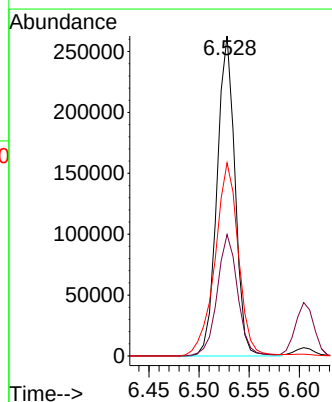
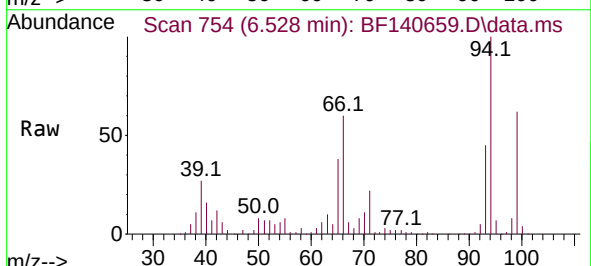
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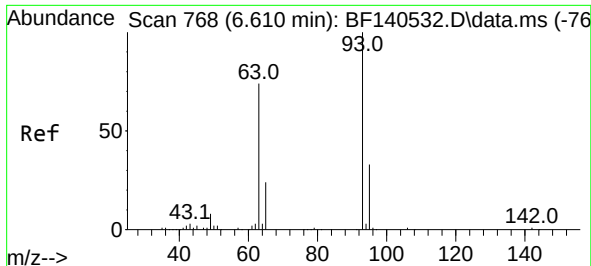
Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:	94	Resp:	326867
Ion Ratio	Lower	Upper	
94	100		
65	37.9	17.2	57.2
66	60.4	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 48.069 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion: 93 Resp: 238808

Ion Ratio Lower Upper

93 100

63 73.7 52.8 92.8

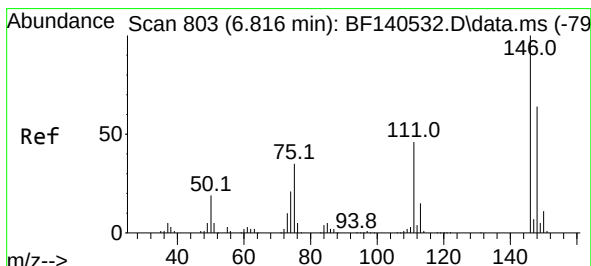
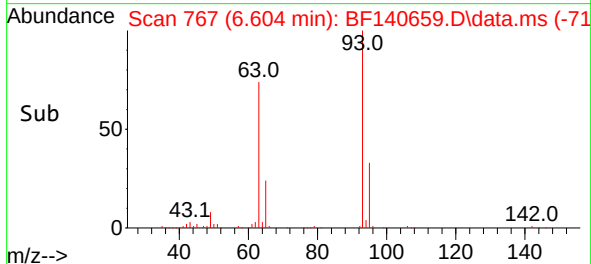
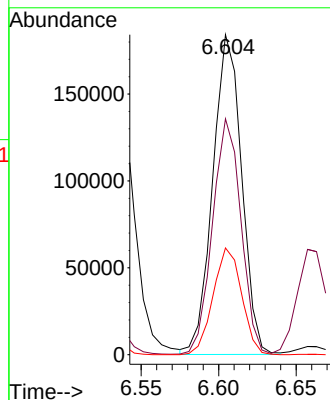
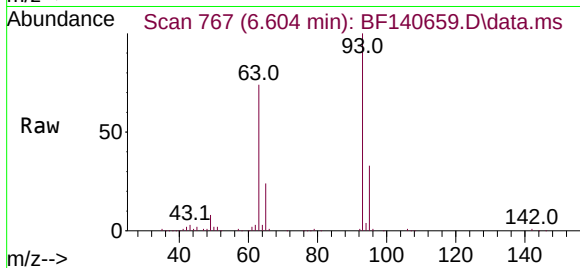
95 33.4 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#12

1,3-Dichlorobenzene

Concen: 46.965 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

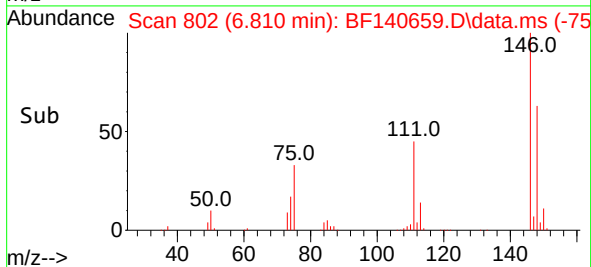
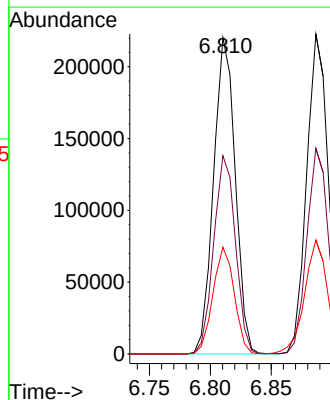
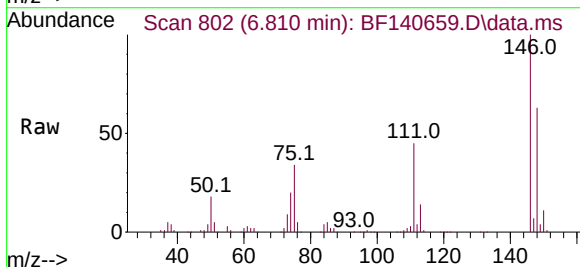
Tgt Ion:146 Resp: 273009

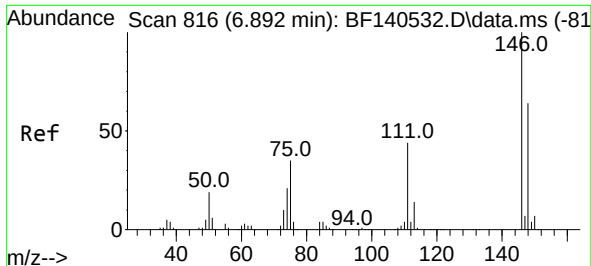
Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

75 33.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.566 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion:146 Resp: 27408

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

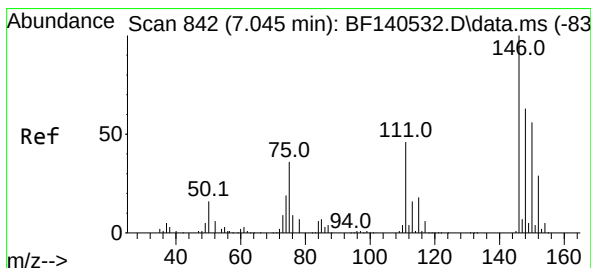
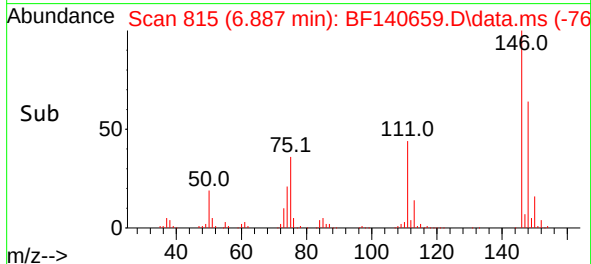
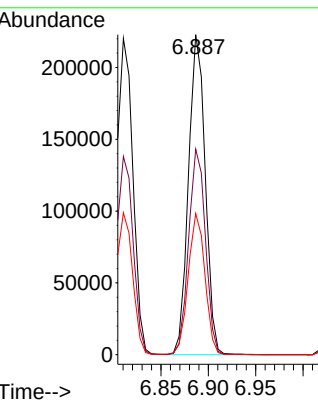
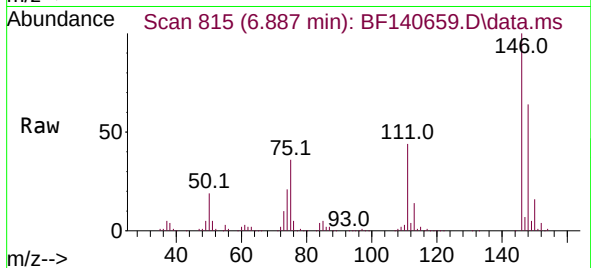
111 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#14

1,2-Dichlorobenzene

Concen: 47.844 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

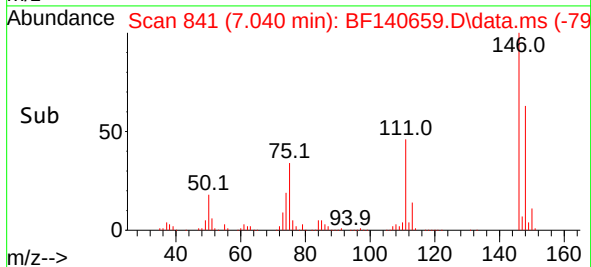
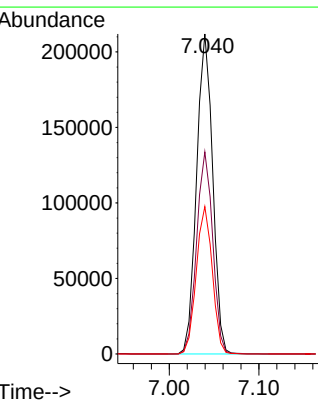
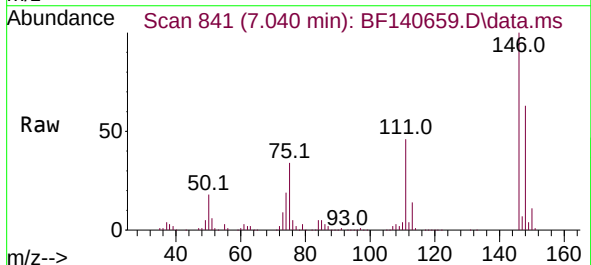
Tgt Ion:146 Resp: 263879

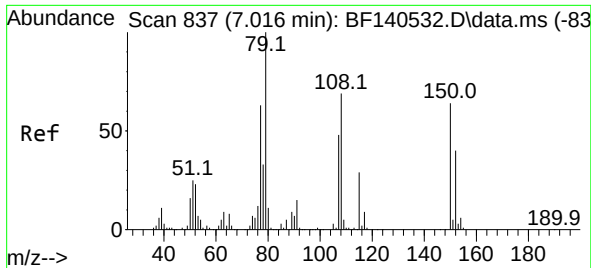
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 46.1 36.7 55.1





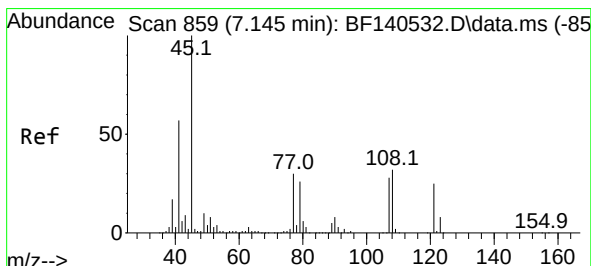
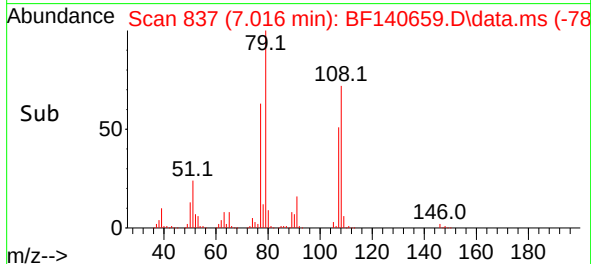
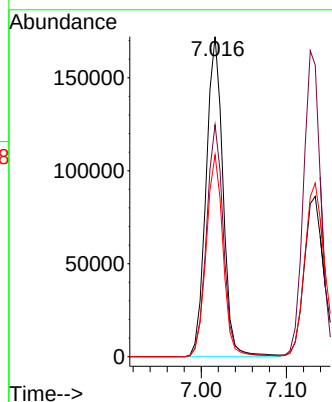
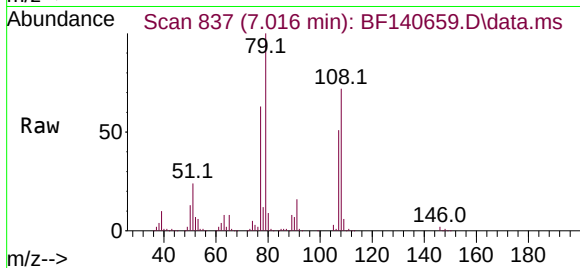
#15
Benzyl Alcohol
Concen: 50.414 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Tgt Ion: 79 Resp: 237674
Ion Ratio Lower Upper
79 100
108 72.5 55.0 82.6
77 63.1 50.1 75.1

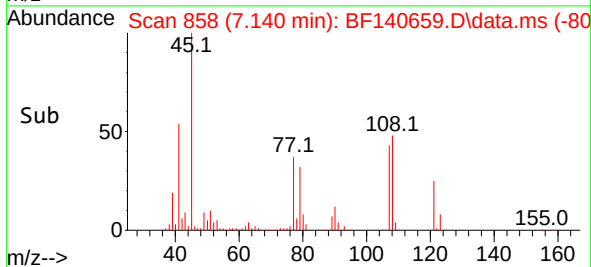
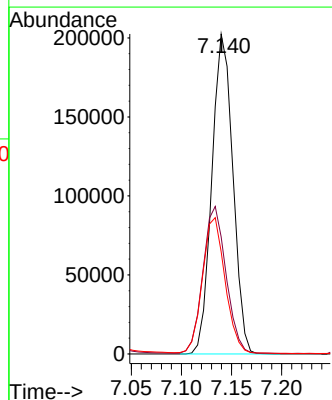
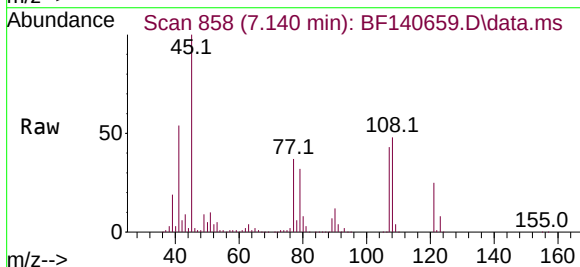
Manual Integrations
APPROVED

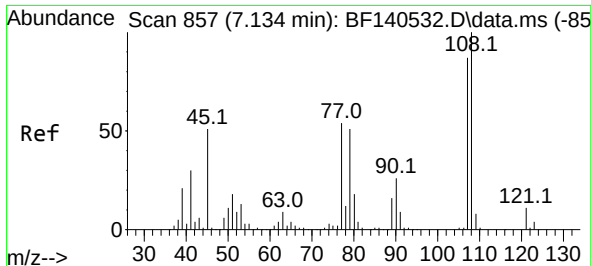
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.275 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 45 Resp: 295074
Ion Ratio Lower Upper
45 100
77 36.6 10.7 50.7
79 31.9 7.0 47.0





#17
2-Methylphenol
Concen: 49.804 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

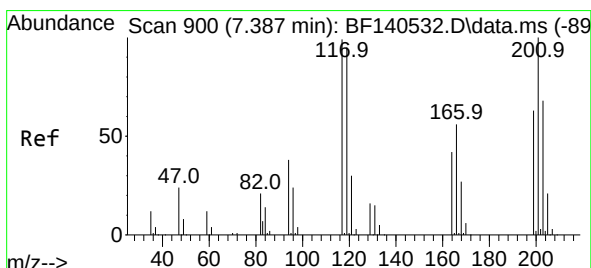
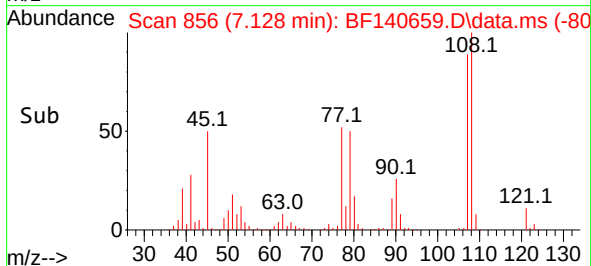
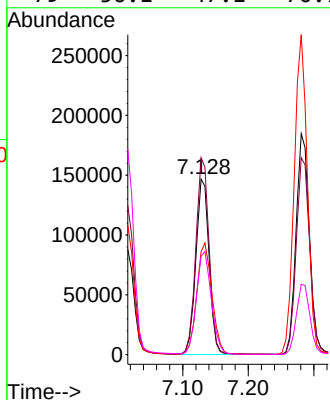
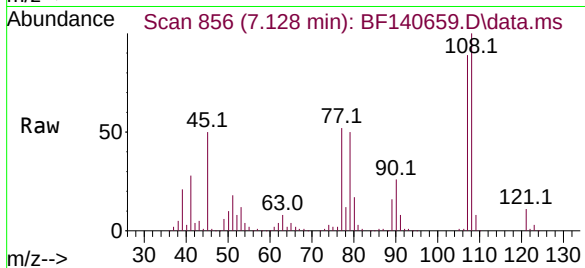
PB165144BS

Tgt Ion:107 Resp: 20625
Ion Ratio Lower Upper
107 100
108 112.2 91.7 137.5
77 58.6 49.3 73.9
79 56.1 47.1 70.7

Manual Integrations

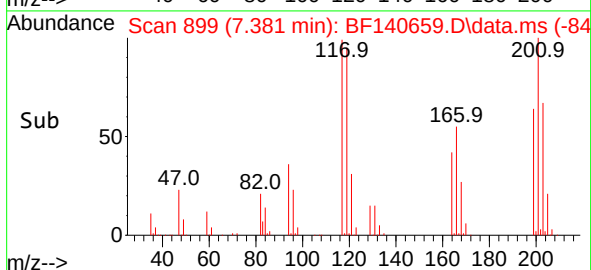
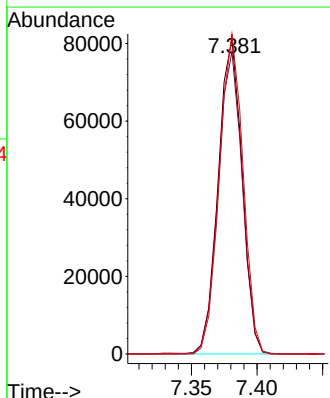
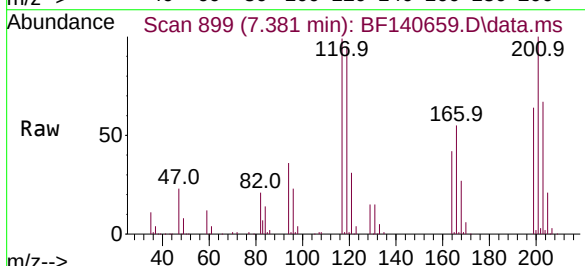
APPROVED

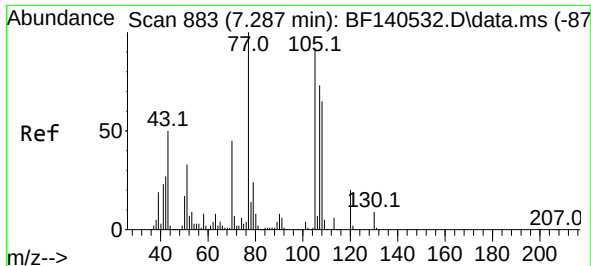
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 46.787 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:117 Resp: 102854
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 101.4 81.1 121.7





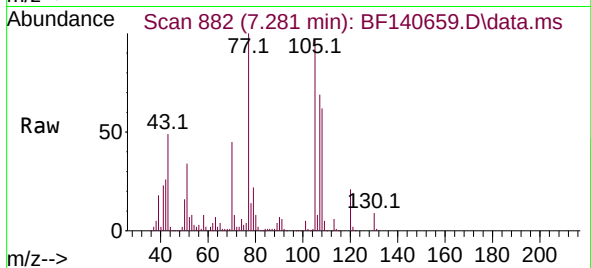
#19
n-Nitroso-di-n-propylamine
Concen: 47.766 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

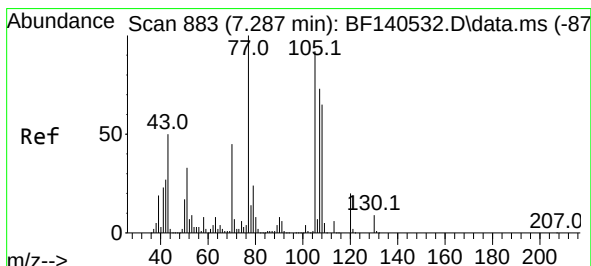
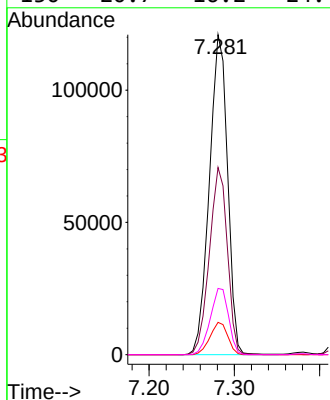
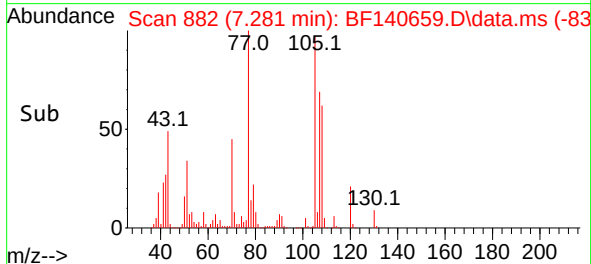
PB165144BS



Tgt Ion: 70 Resp: 17946
Ion Ratio Lower Upper
70 100
42 58.5 47.6 71.4
101 10.1 7.6 11.4
130 20.7 16.2 24.4

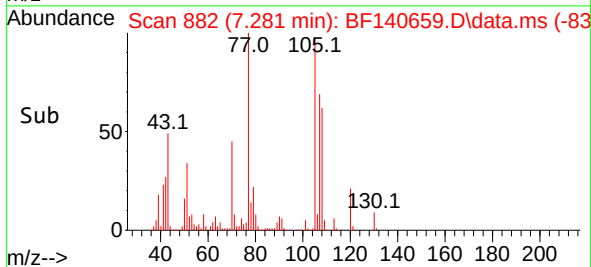
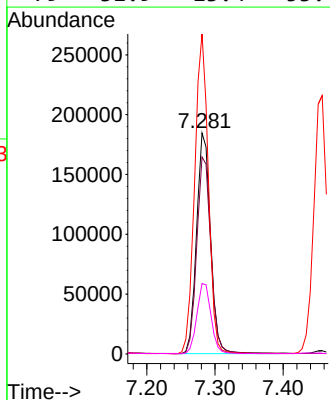
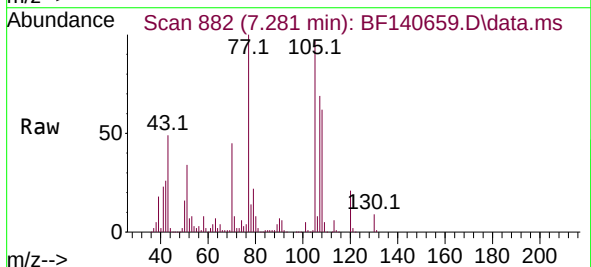
Manual Integrations
APPROVED

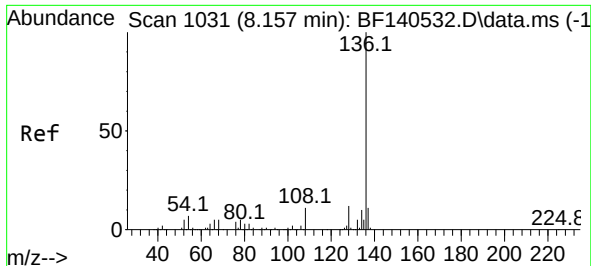
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#20
3+4-Methylphenols
Concen: 49.213 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:107 Resp: 261956
Ion Ratio Lower Upper
107 100
108 89.2 69.9 109.9
77 144.9 117.7 157.7
79 31.9 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: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

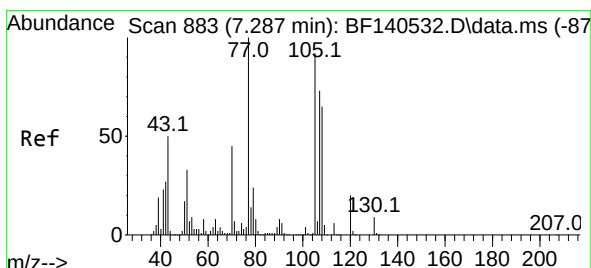
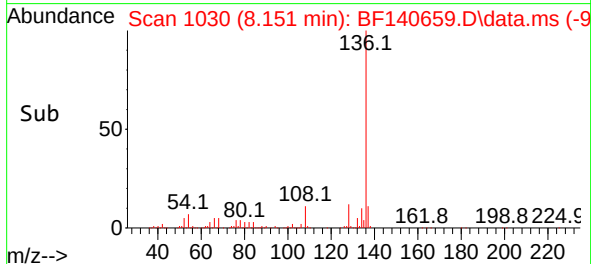
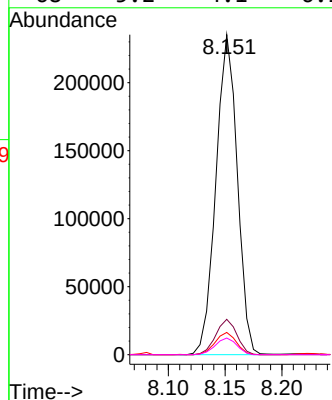
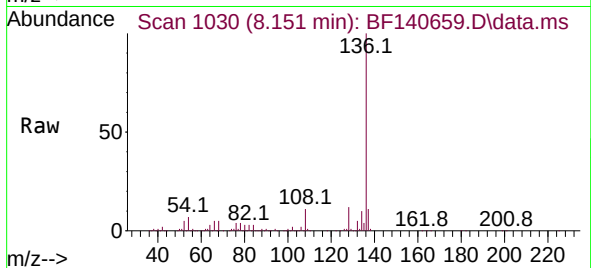
PB165144BS

Tgt Ion:136 Resp: 30844
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

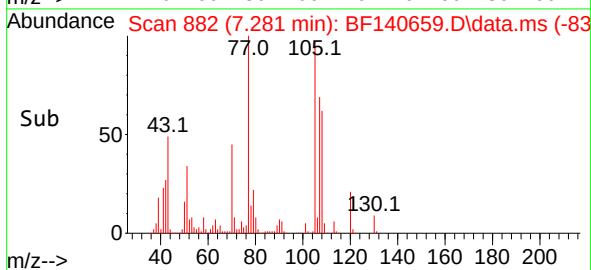
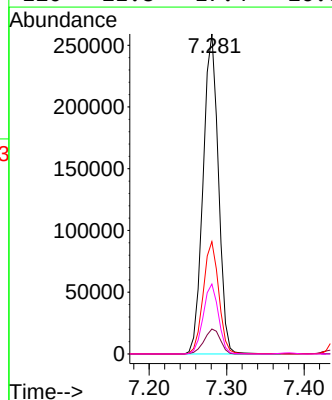
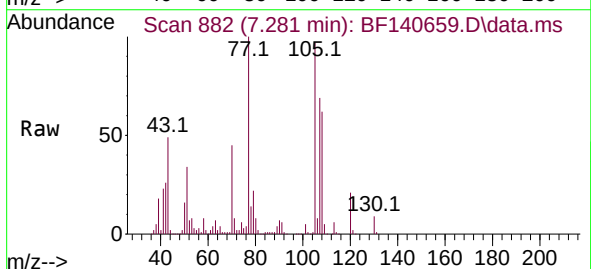
APPROVED

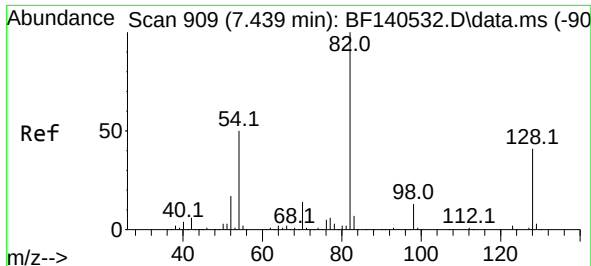
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 47.279 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:105 Resp: 355523
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 35.1 29.0 43.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 92.876 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion: 82 Resp: 560054

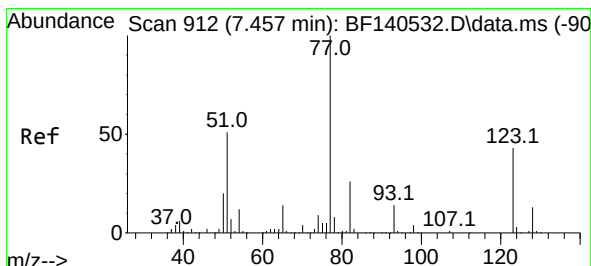
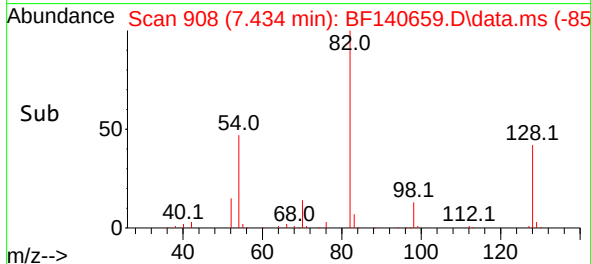
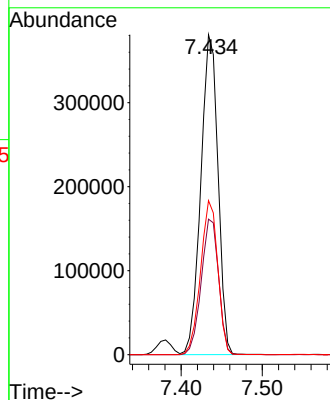
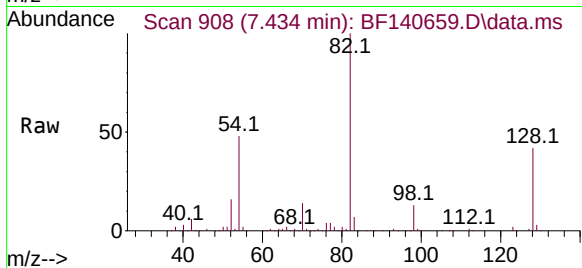
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	48.1	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#24

Nitrobenzene

Concen: 45.804 ng

RT: 7.457 min Scan# 912

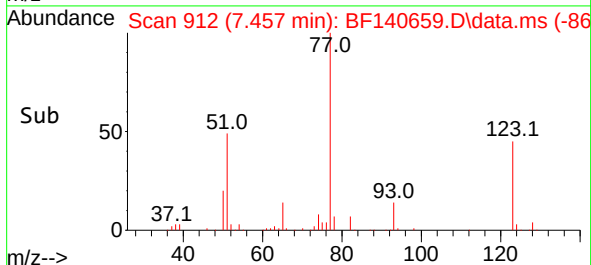
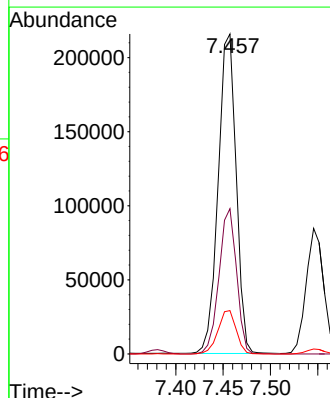
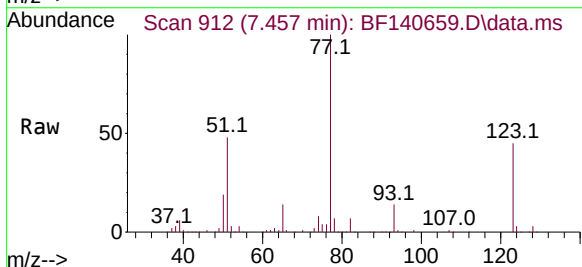
Delta R.T. 0.000 min

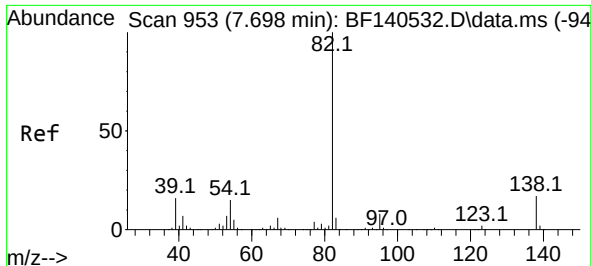
Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion: 77 Resp: 285464

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.3	51.5
65	13.5	11.2	16.8





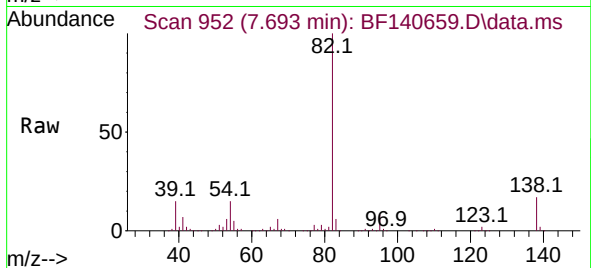
#25
Isophorone
Concen: 49.174 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

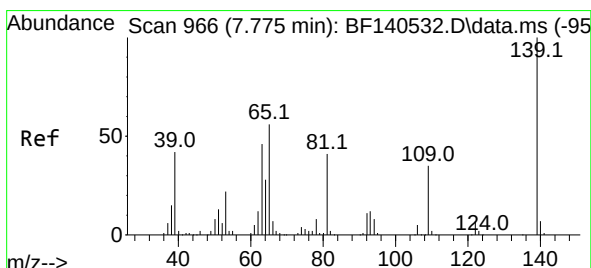
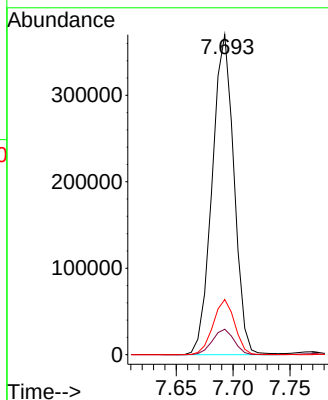
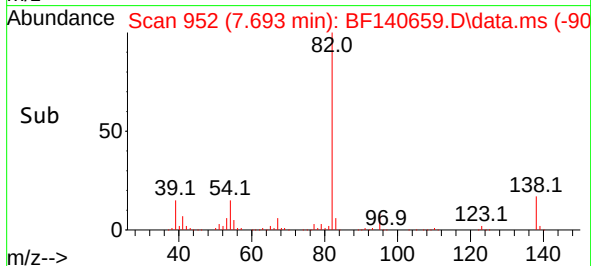


Tgt Ion: 82 Resp: 494582
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.3 13.8 20.6

Manual Integrations

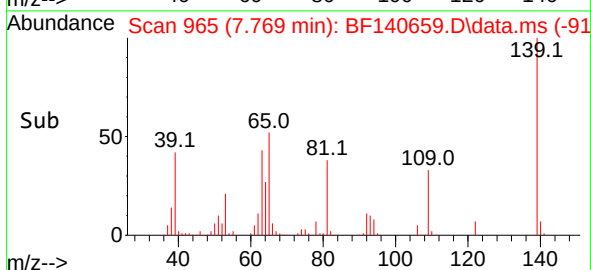
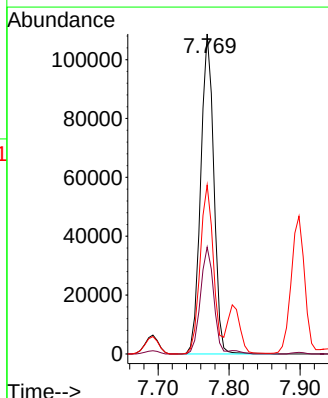
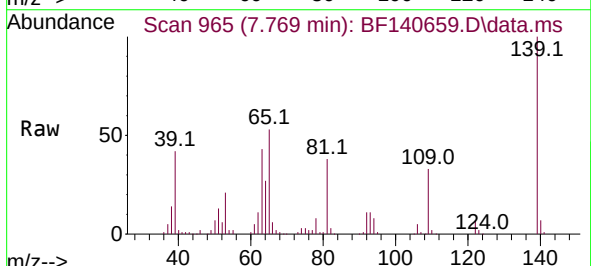
APPROVED

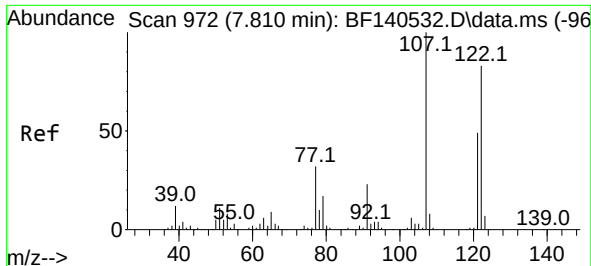
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 50.759 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:139 Resp: 140191
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 52.8 44.6 67.0





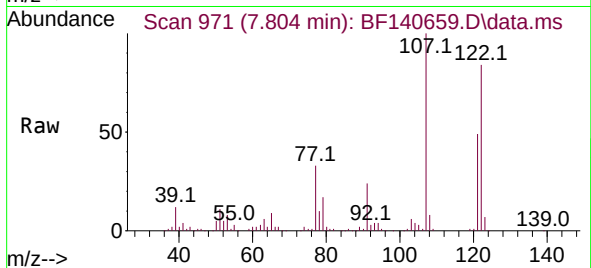
#27
2,4-Dimethylphenol
Concen: 63.282 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

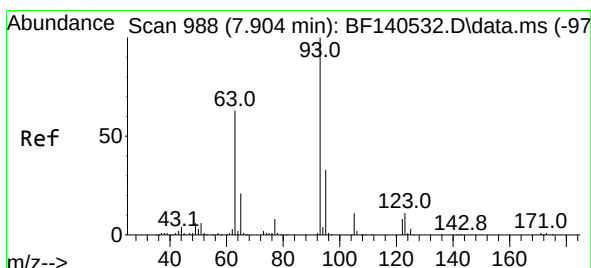
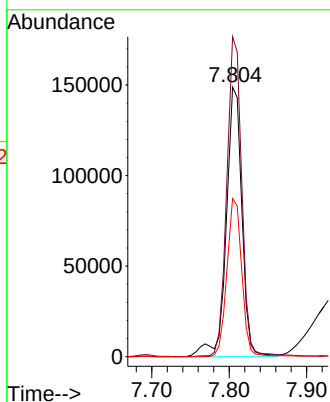
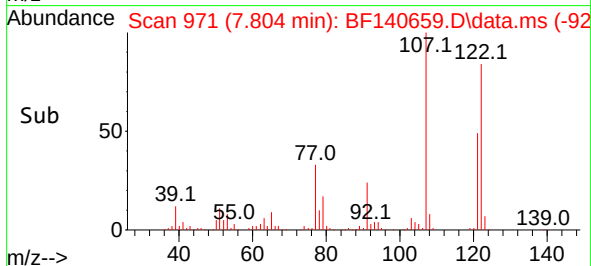


Tgt Ion:122 Resp: 20911
Ion Ratio Lower Upper
122 100
107 118.7 96.8 145.2
121 58.6 47.4 71.0

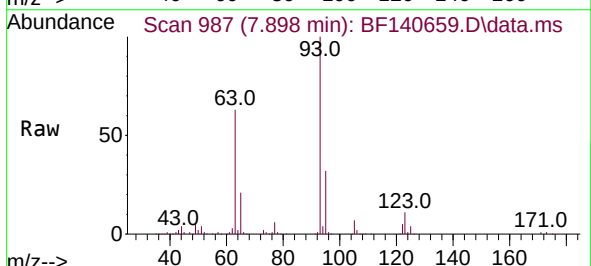
Manual Integrations

APPROVED

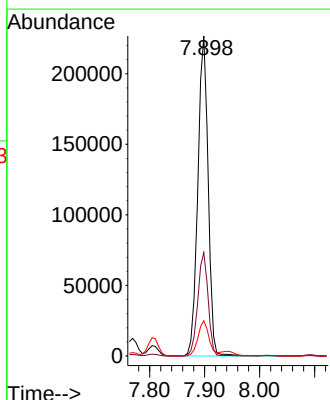
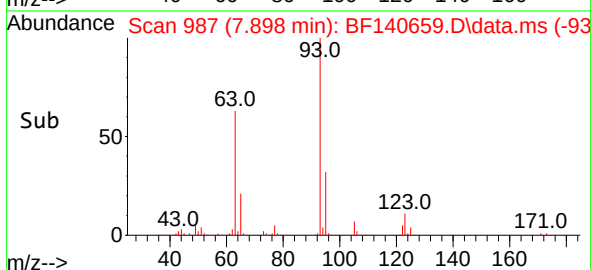
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

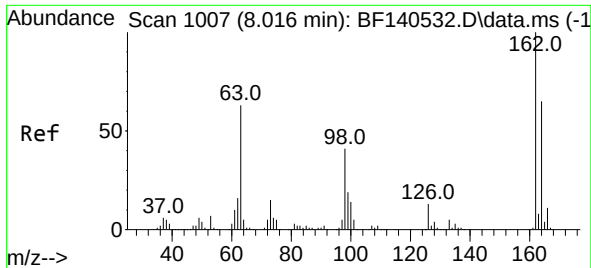


#28
bis(2-Chloroethoxy)methane
Concen: 48.336 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion: 93 Resp: 296167
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.960 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

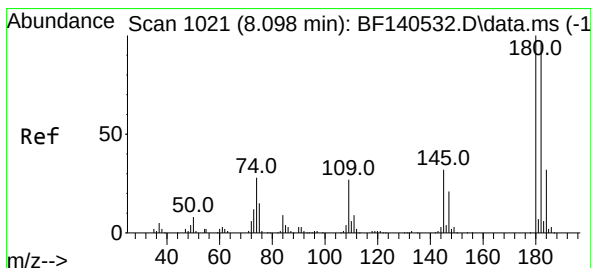
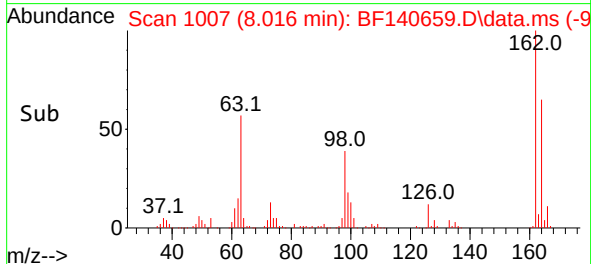
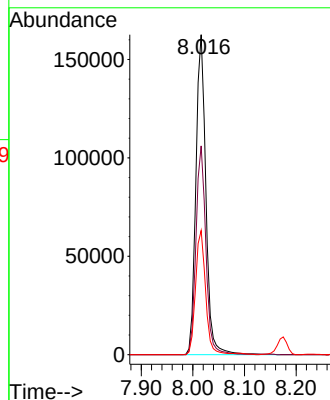
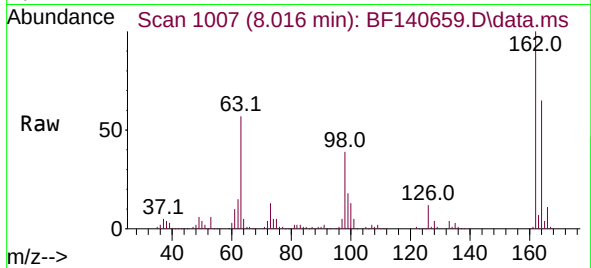
PB165144BS

Tgt Ion:162 Resp: 21876
 Ion Ratio Lower Upper
 162 100
 164 65.2 44.8 84.8
 98 38.8 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.954 ng

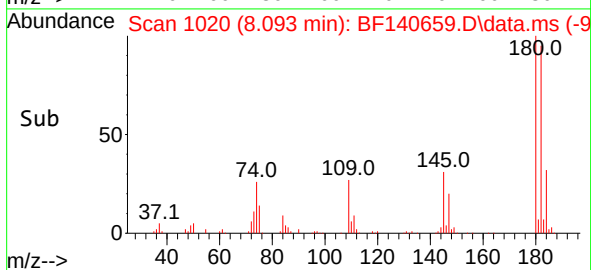
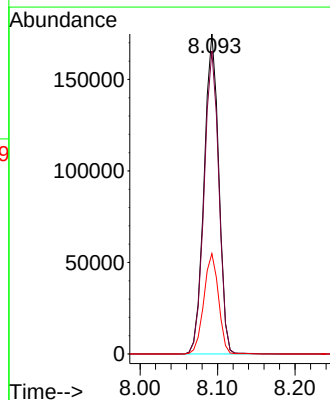
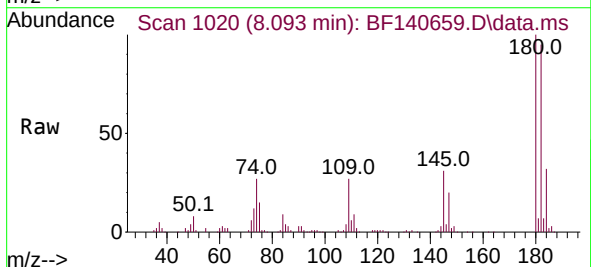
RT: 8.093 min Scan# 1020

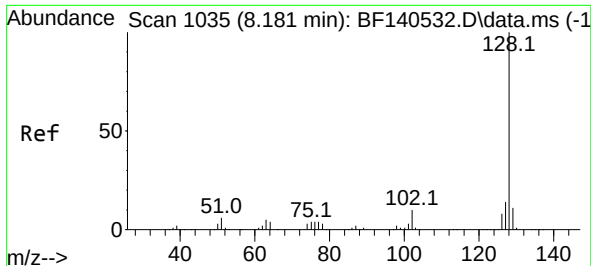
Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:180 Resp: 229749
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 145 31.4 25.9 38.9





#31
Naphthalene
Concen: 48.170 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

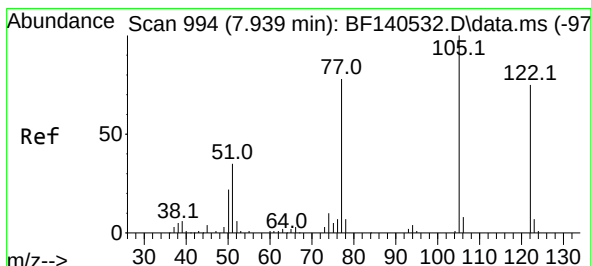
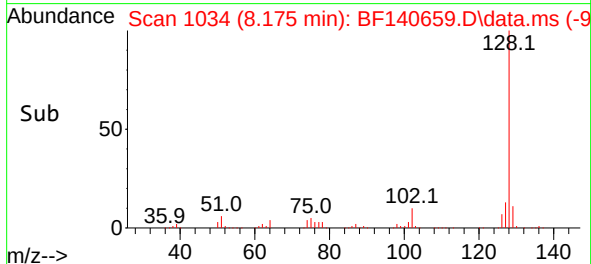
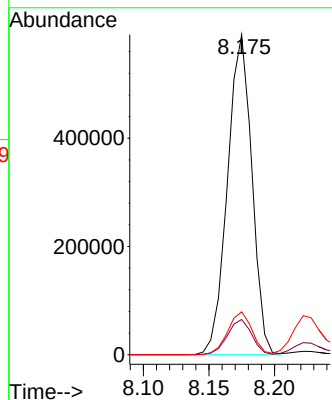
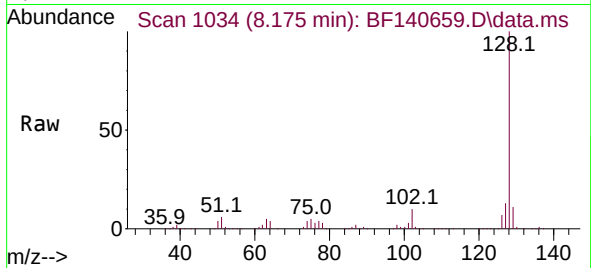
PB165144BS

Tgt Ion:128 Resp: 765290
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2

Manual Integrations

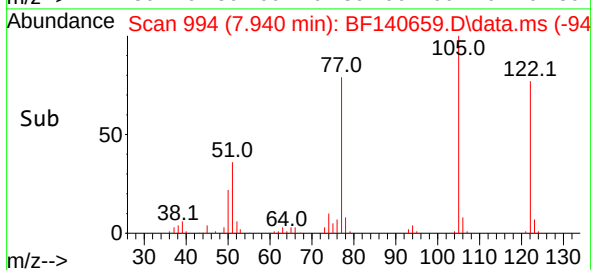
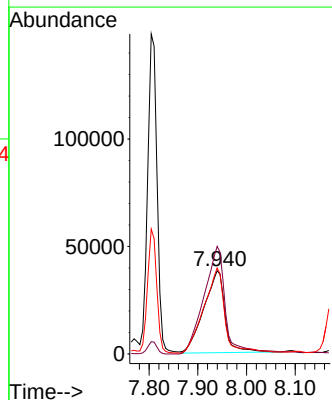
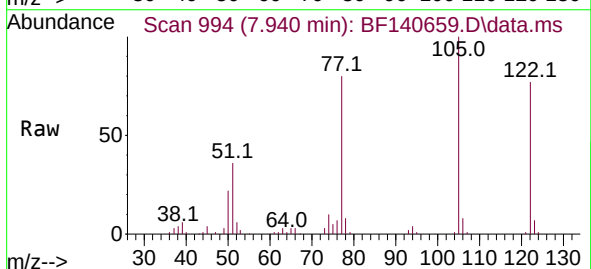
APPROVED

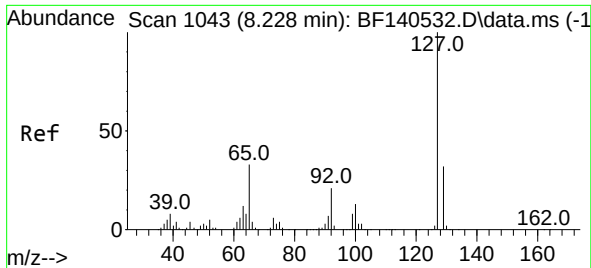
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 41.088 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:122 Resp: 114650
Ion Ratio Lower Upper
122 100
105 129.2 109.3 149.3
77 103.3 82.3 122.3





#33
4-Chloroaniline
Concen: 28.000 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

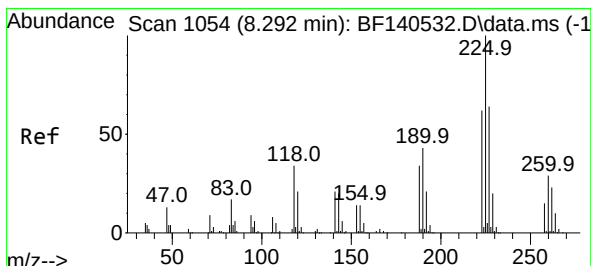
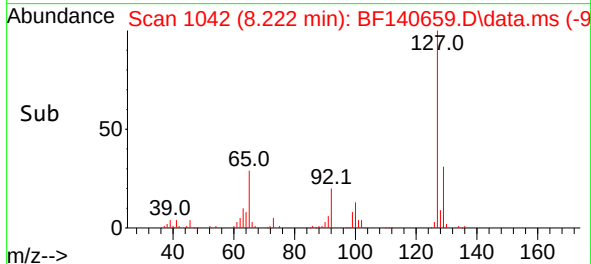
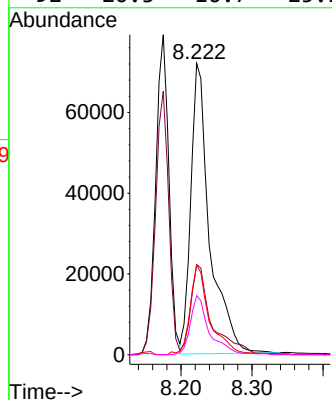
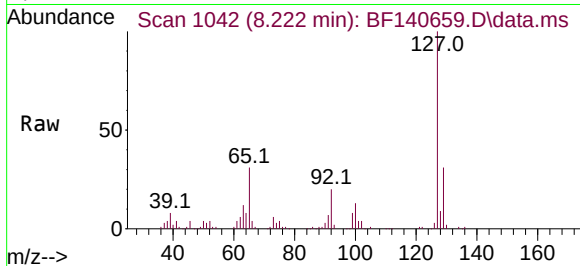
PB165144BS

Tgt Ion:127 Resp: 133189
Ion Ratio Lower Upper
127 100
129 31.0 26.0 39.0
65 30.7 26.0 39.0
92 20.3 16.7 25.1

Manual Integrations

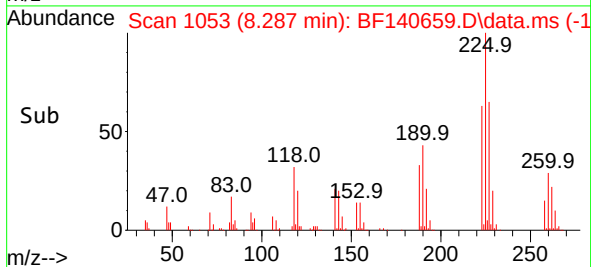
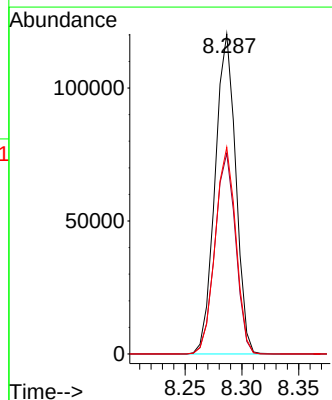
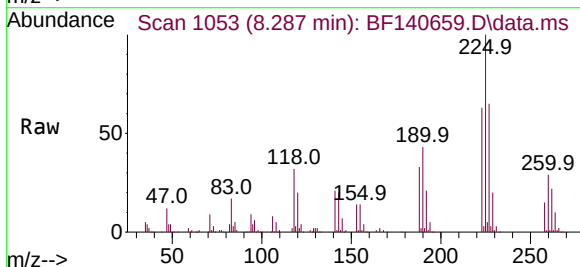
APPROVED

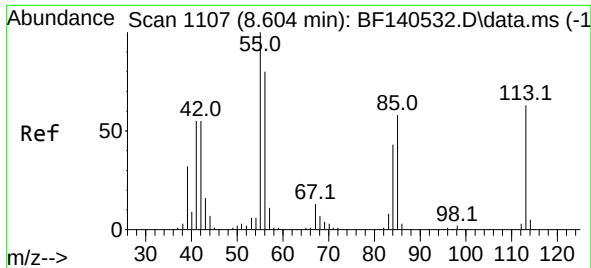
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 46.020 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:225 Resp: 152393
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.8
227 64.6 51.3 76.9





#35
Caprolactam
Concen: 51.555 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

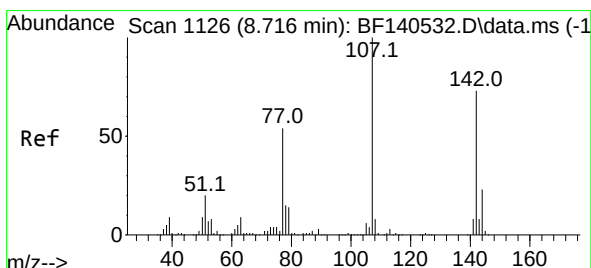
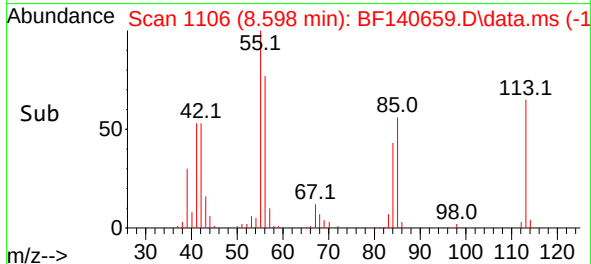
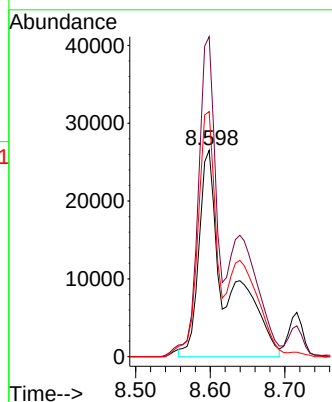
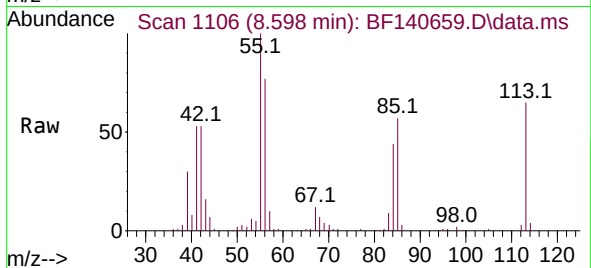
ClientSampleId :

PB165144BS

Tgt Ion:113 Resp: 6986
Ion Ratio Lower Upper
113 100
55 155.0 137.7 177.7
56 118.8 106.4 146.4

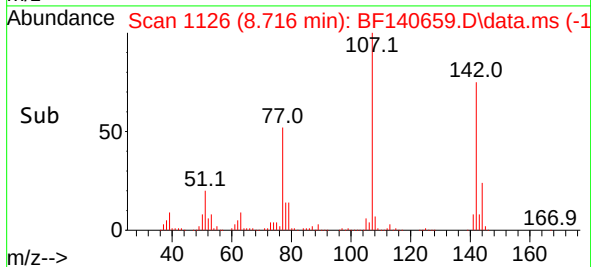
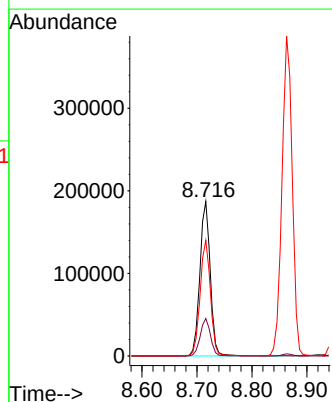
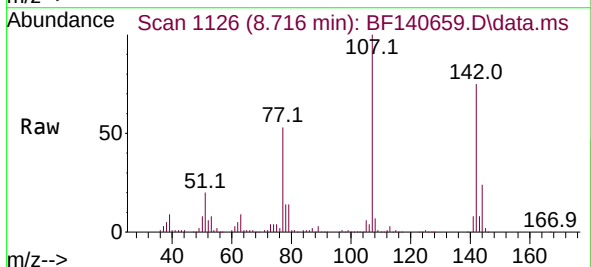
Manual Integrations
APPROVED

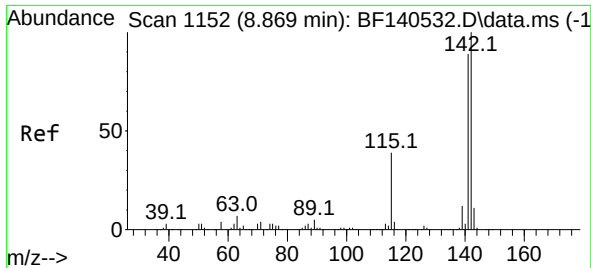
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 50.209 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:107 Resp: 246154
Ion Ratio Lower Upper
107 100
144 24.2 18.7 28.1
142 74.9 58.3 87.5





#37
2-Methylnaphthalene
Concen: 49.825 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

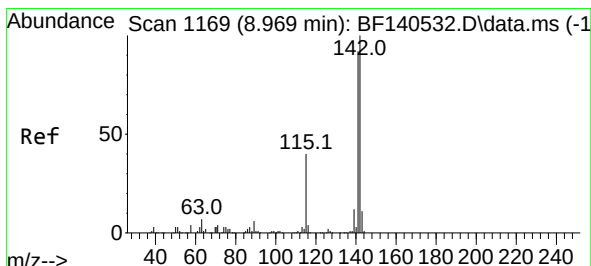
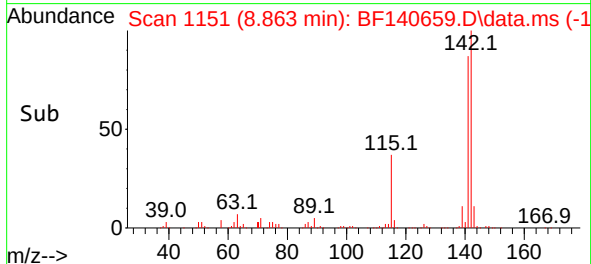
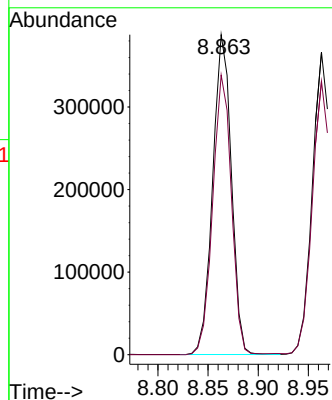
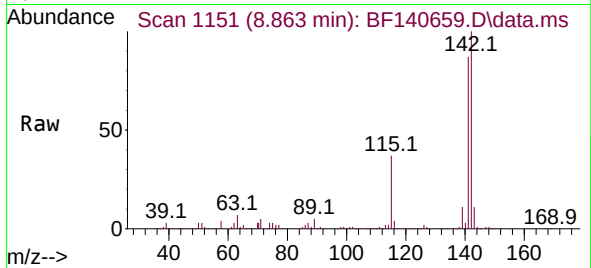
ClientSampleId :

PB165144BS

Tgt Ion:142 Resp: 50278
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6

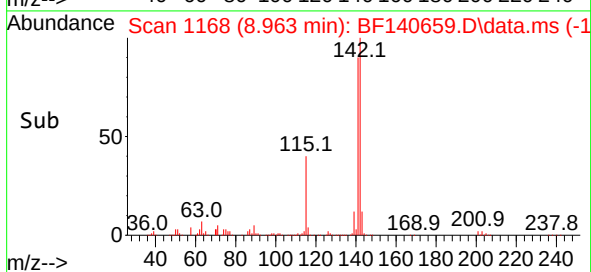
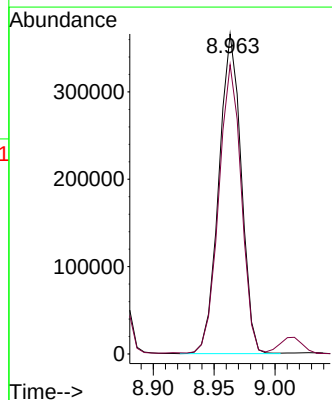
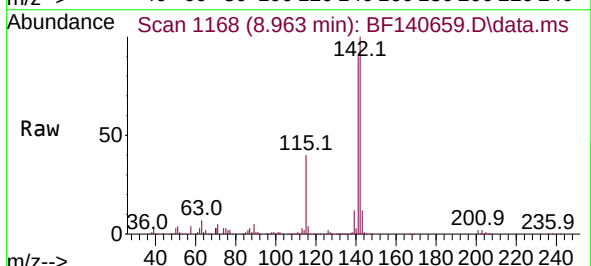
Manual Integrations
APPROVED

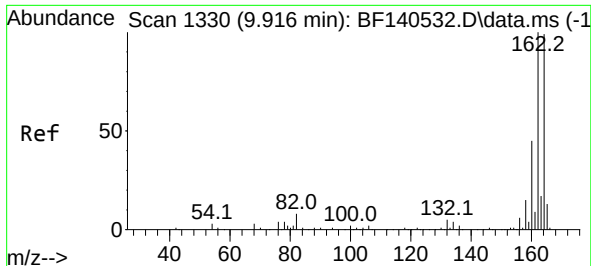
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 47.298 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:142 Resp: 467838
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140659.D

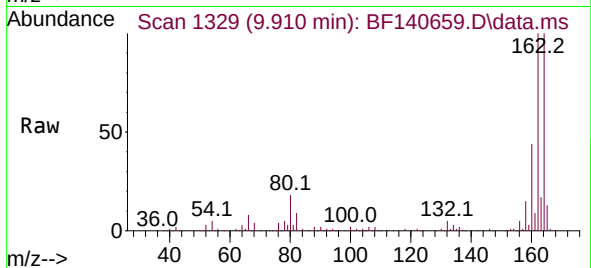
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS



Tgt Ion:164 Resp: 177190

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

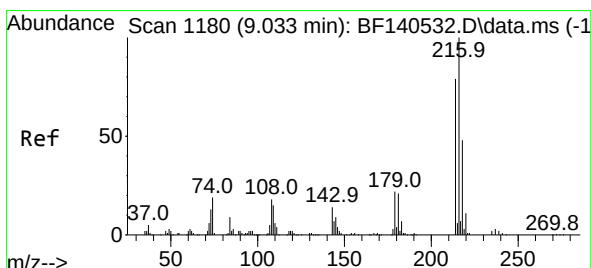
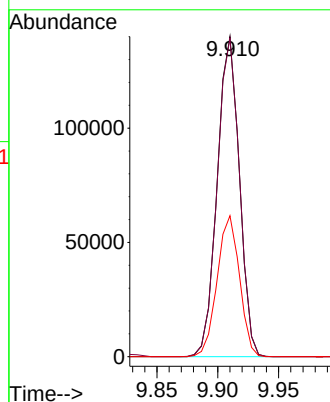
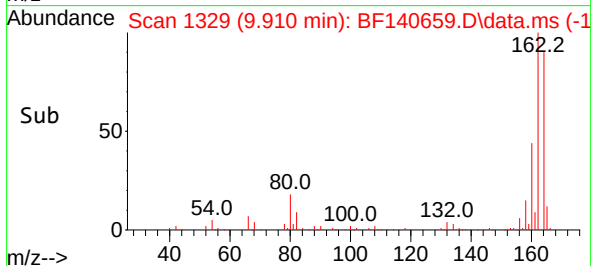
160 44.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.773 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:216 Resp: 242624

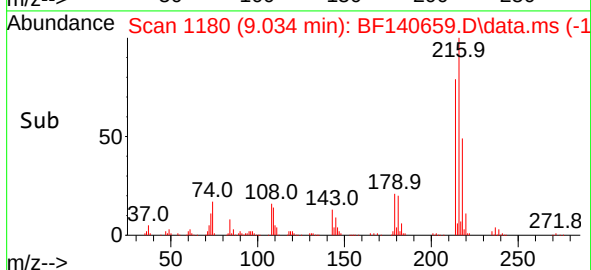
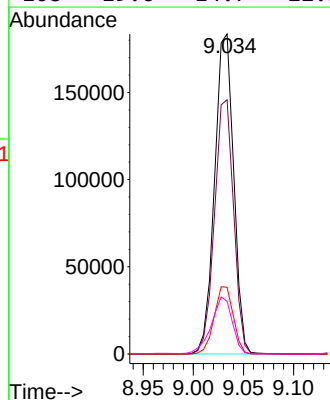
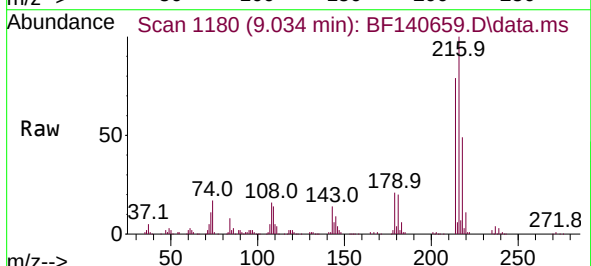
Ion Ratio Lower Upper

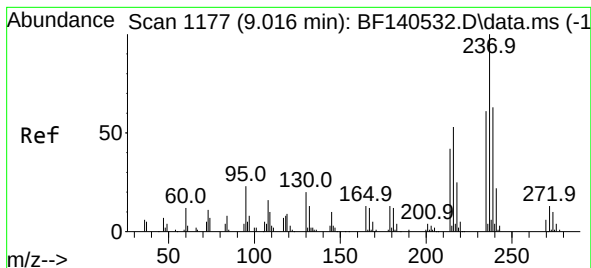
216 100

214 79.6 63.0 94.4

179 21.1 17.5 26.3

108 19.6 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 163.248 ng

RT: 9.016 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion:237 Resp: 200078

Ion Ratio Lower Upper

237 100

235 62.4 41.1 81.1

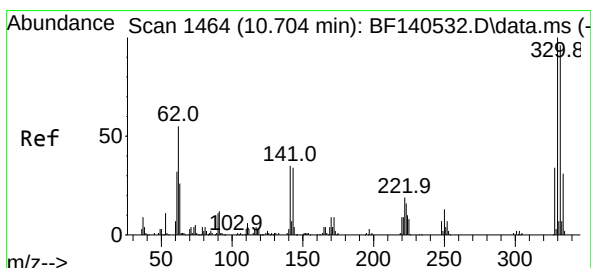
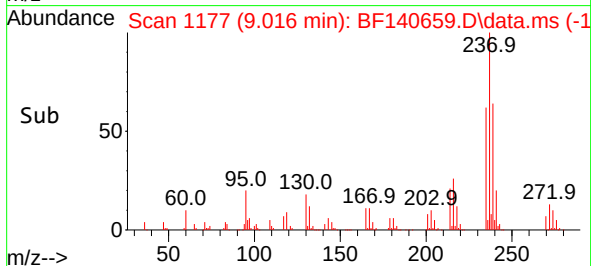
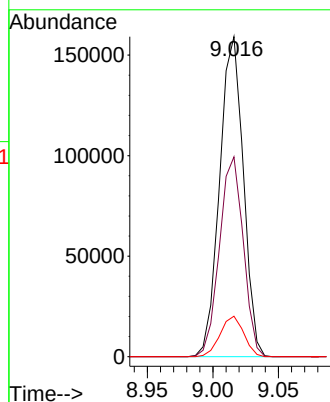
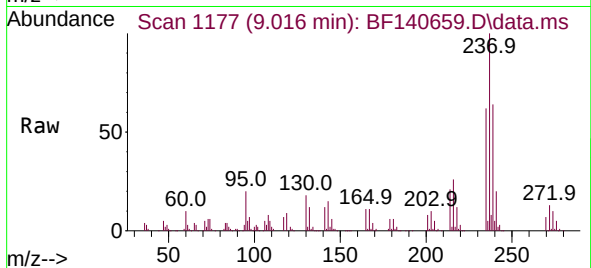
272 12.7 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#42

2,4,6-Tribromophenol

Concen: 139.992 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

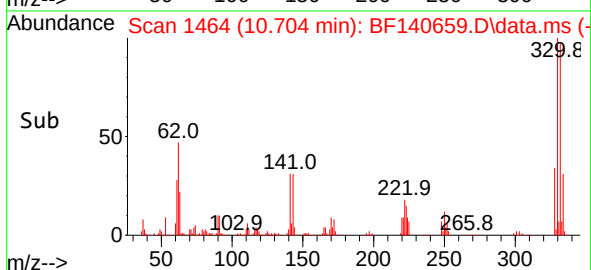
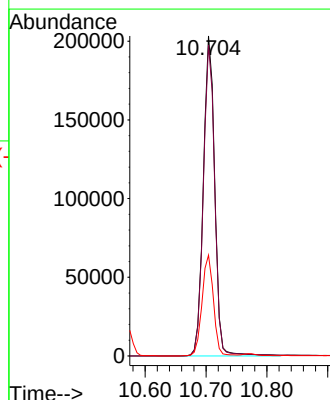
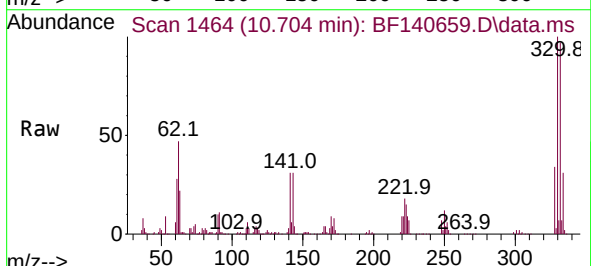
Tgt Ion:330 Resp: 265293

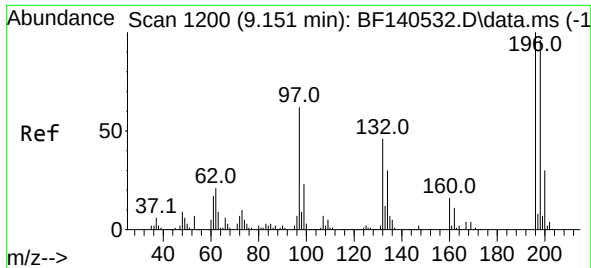
Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

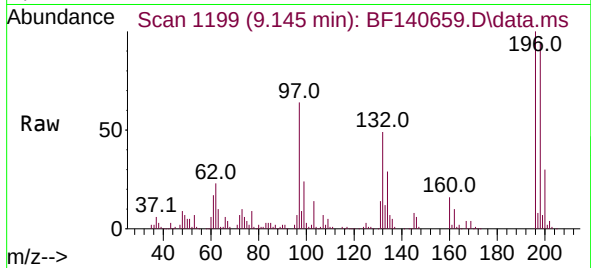
141 31.6 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 48.162 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

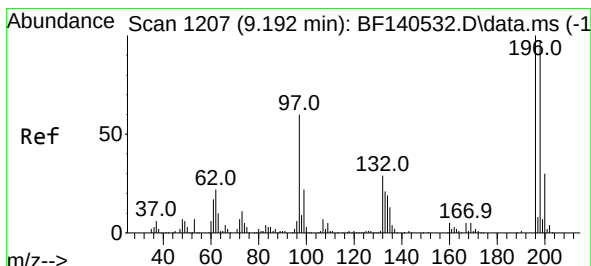
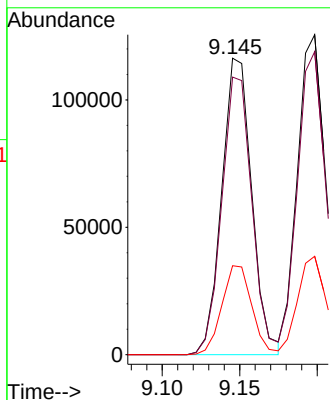
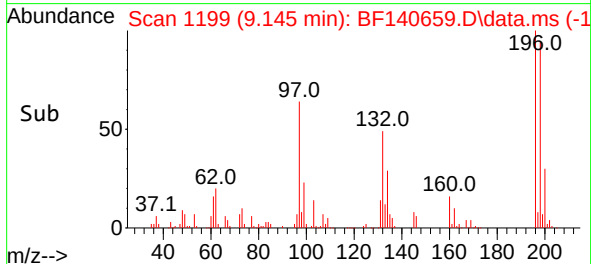
Instrument :
BNA_F
ClientSampleId :
PB165144BS



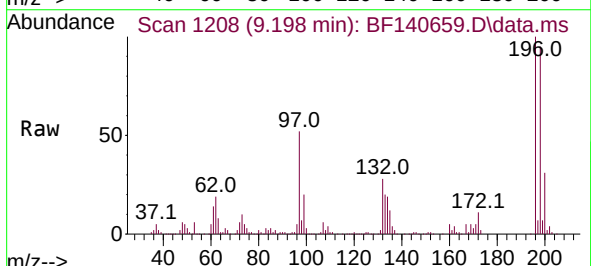
Tgt Ion:196 Resp: 156760
Ion Ratio Lower Upper
196 100
198 93.6 76.8 115.2
200 30.0 24.3 36.5

Manual Integrations
APPROVED

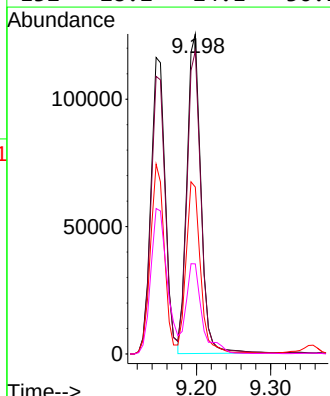
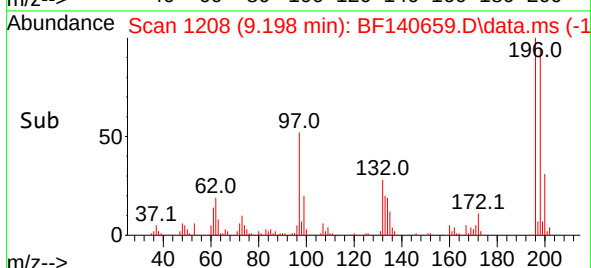
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

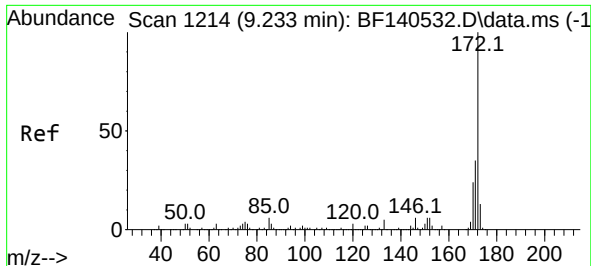


#44
2,4,5-Trichlorophenol
Concen: 46.576 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:196 Resp: 164532
Ion Ratio Lower Upper
196 100
198 94.7 77.2 115.8
97 52.1 47.1 70.7
132 28.2 24.1 36.1





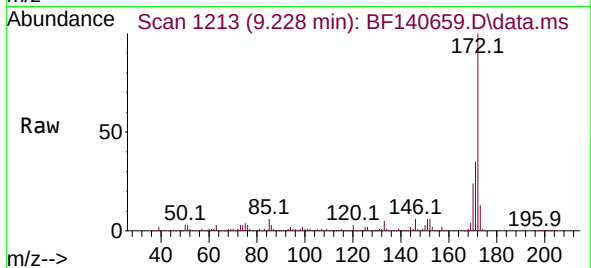
#45
2-Fluorobiphenyl
Concen: 91.651 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

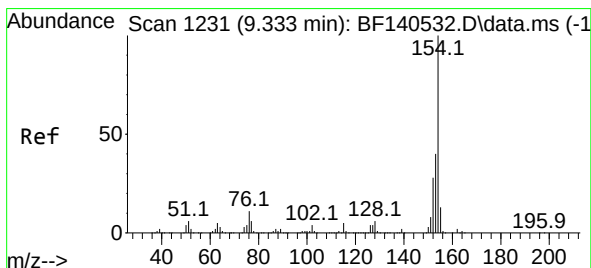
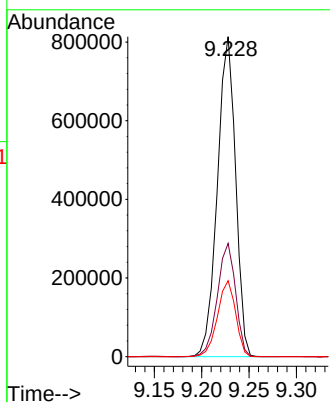
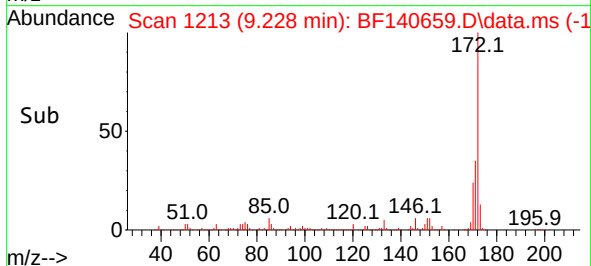


Tgt Ion:172 Resp: 108994
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6

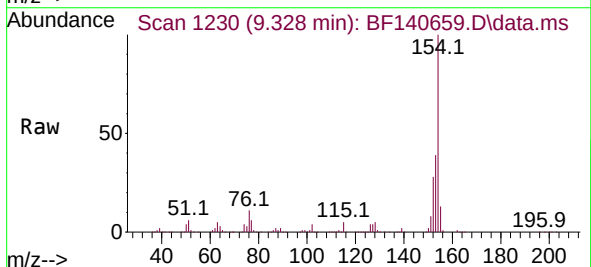
Manual Integrations

APPROVED

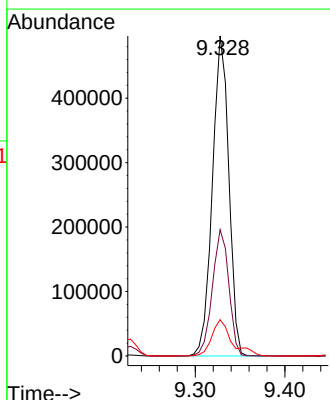
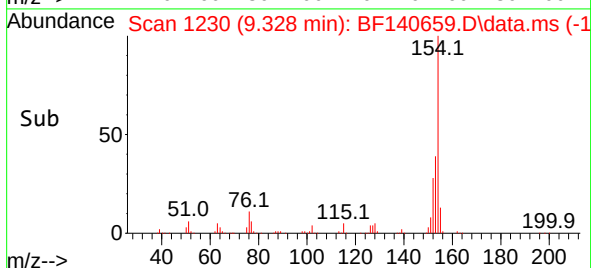
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

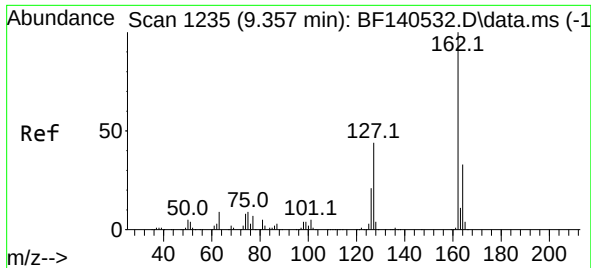


#46
1,1'-Biphenyl
Concen: 47.700 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:154 Resp: 631034
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 11.4 0.0 31.2





#47
2-Chloronaphthalene
Concen: 46.917 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

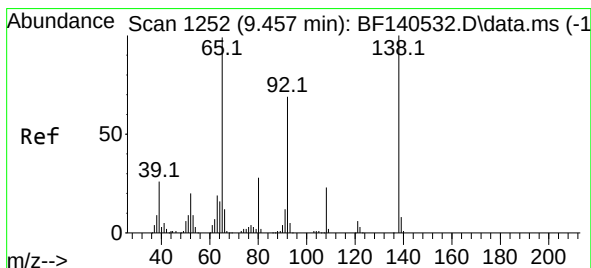
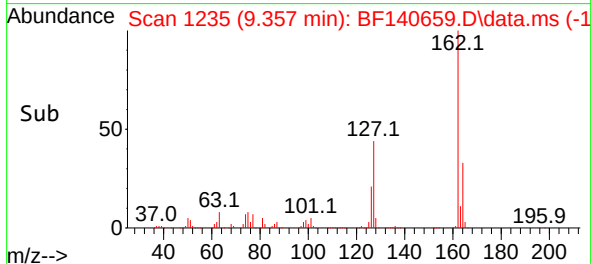
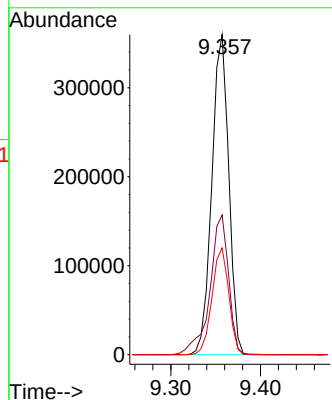
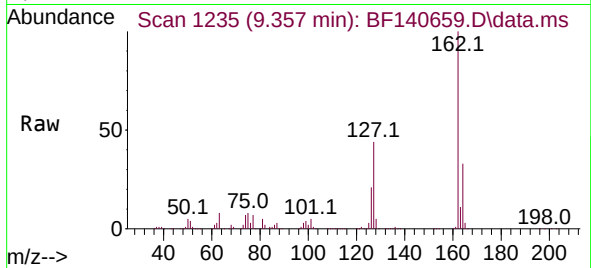
PB165144BS

Tgt Ion:162 Resp: 470299
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 33.3 26.1 39.1

Manual Integrations

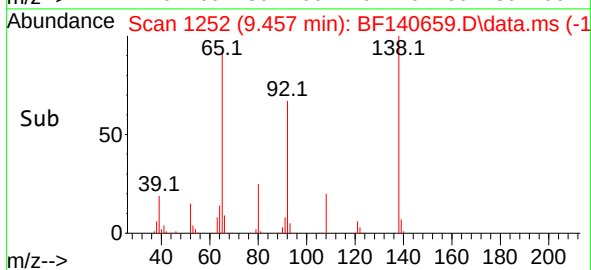
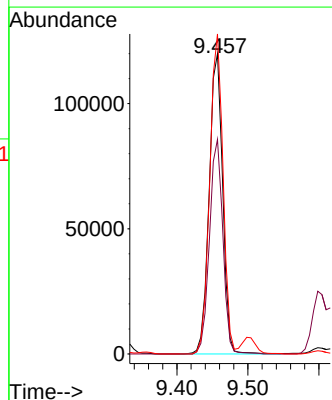
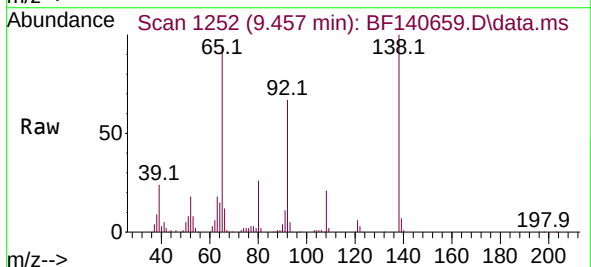
APPROVED

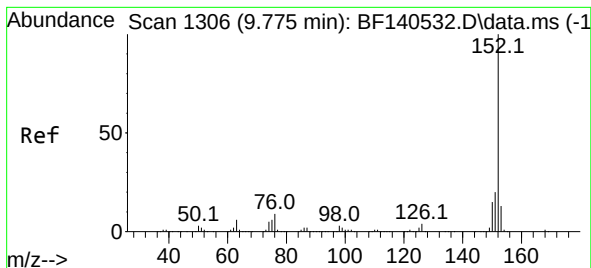
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#48
2-Nitroaniline
Concen: 49.315 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion: 65 Resp: 158673
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 106.5 81.0 121.6





#49

Acenaphthylene

Concen: 51.626 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

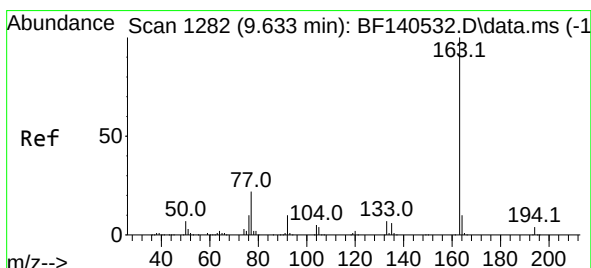
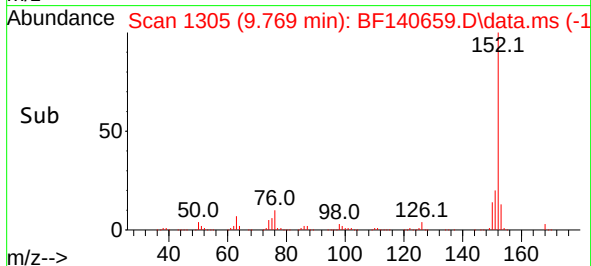
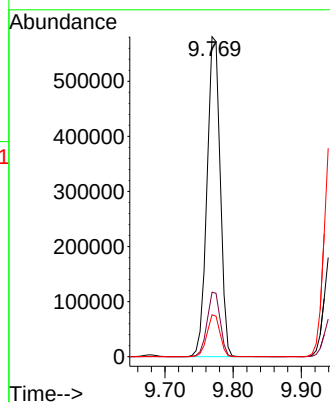
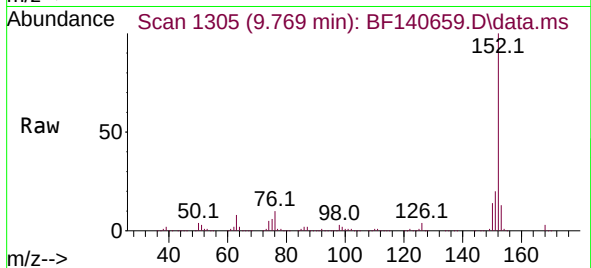
Tgt Ion:152 Resp: 78190
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#50

Dimethylphthalate

Concen: 49.219 ng

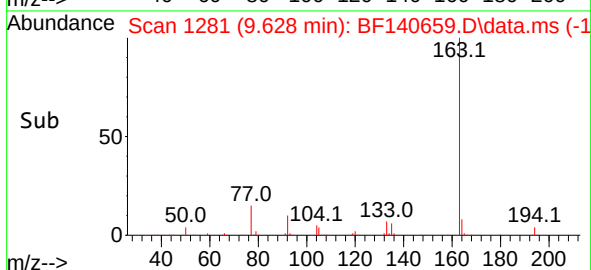
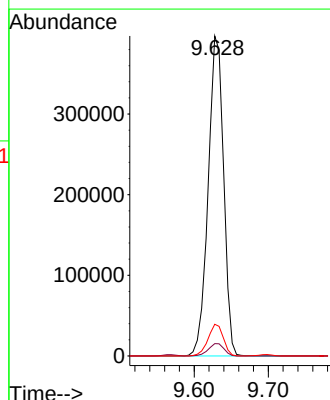
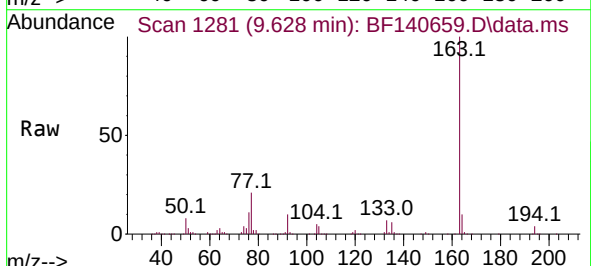
RT: 9.628 min Scan# 1281

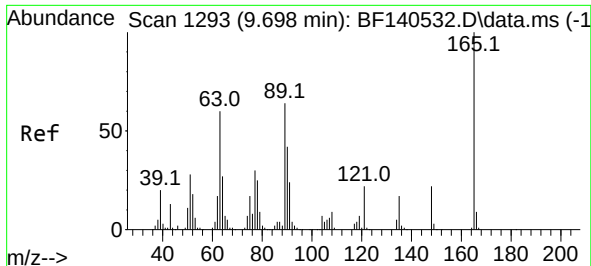
Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:163 Resp: 574368
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 9.9 8.2 12.2





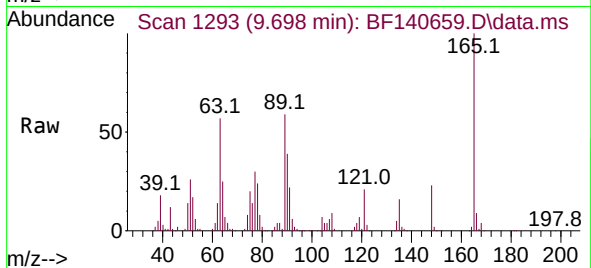
#51
2,6-Dinitrotoluene
Concen: 47.251 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

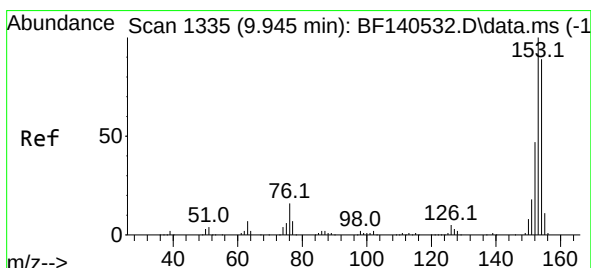
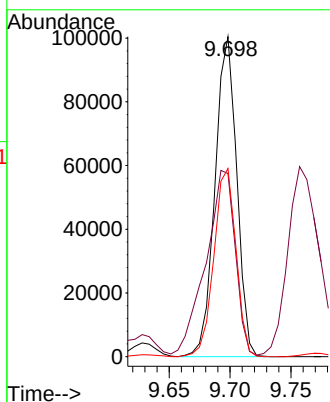
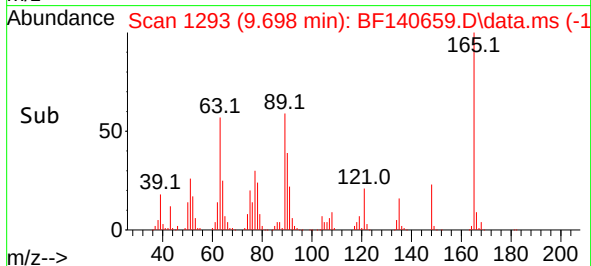


Tgt Ion:165 Resp: 12505
Ion Ratio Lower Upper
165 100
63 57.3 49.9 74.9
89 58.8 50.9 76.3

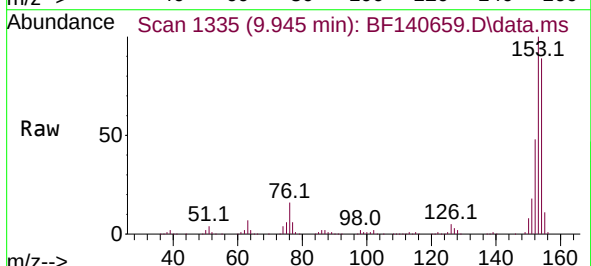
Manual Integrations

APPROVED

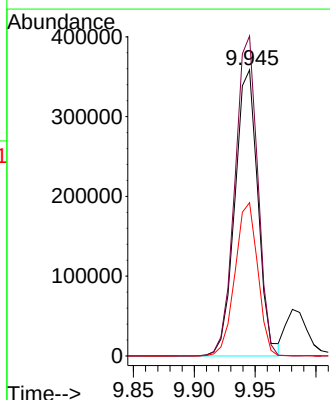
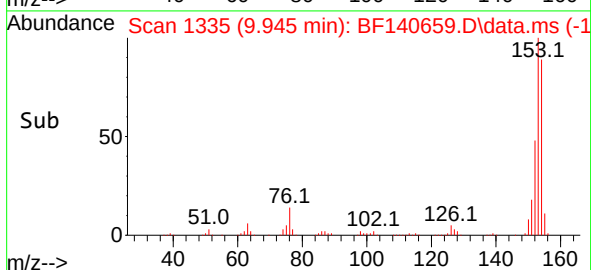
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

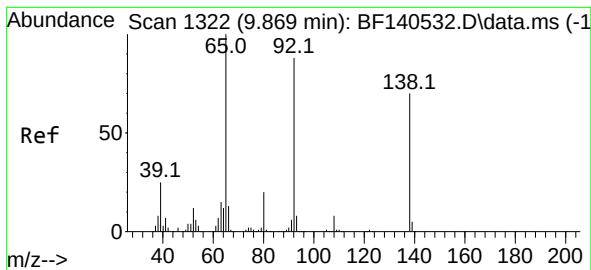


#52
Acenaphthene
Concen: 49.189 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:154 Resp: 473370
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 32.365 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

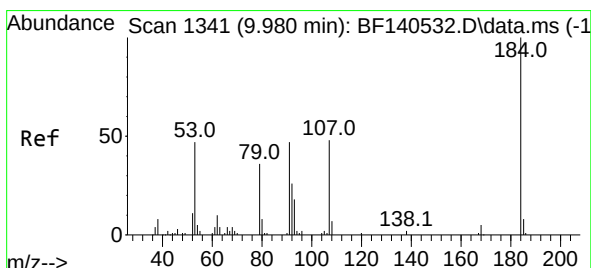
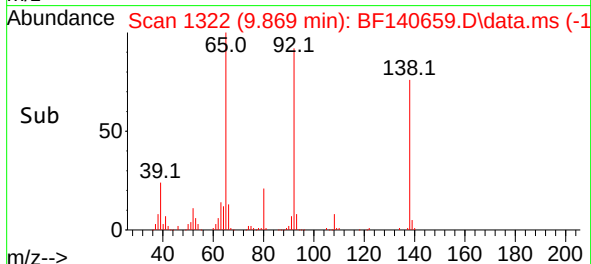
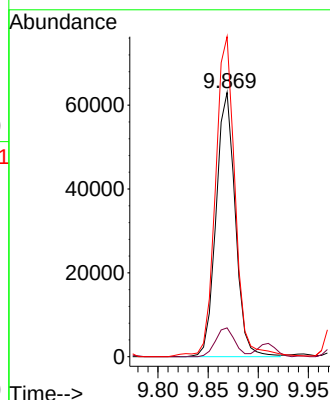
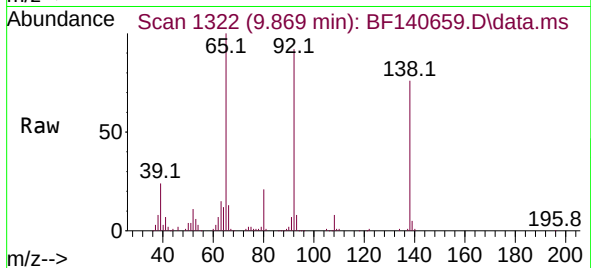
PB165144BS

Tgt Ion:138 Resp: 83770
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 121.1 100.6 150.8

Manual Integrations

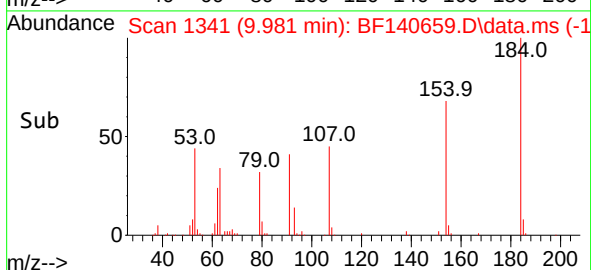
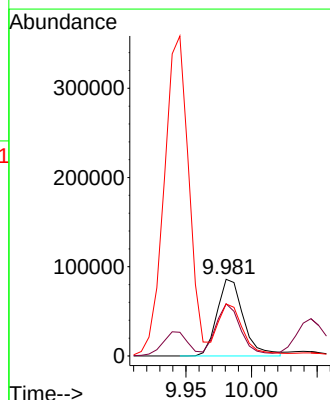
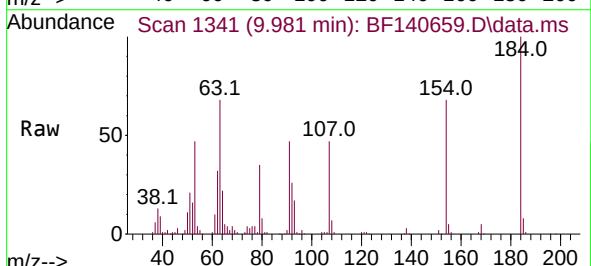
APPROVED

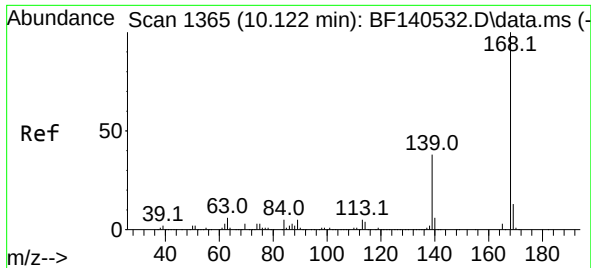
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#54
2,4-Dinitrophenol
Concen: 87.279 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

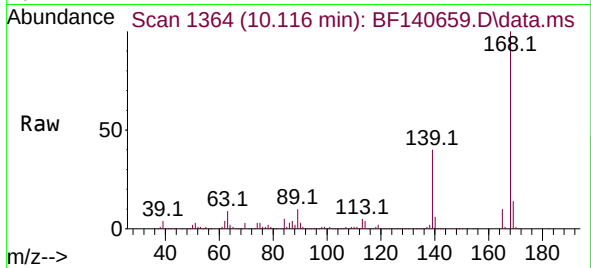
Tgt Ion:184 Resp: 120715
Ion Ratio Lower Upper
184 100
63 68.1 54.1 81.1
154 67.9 57.4 86.0





#55
Dibenzenofuran
Concen: 48.163 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

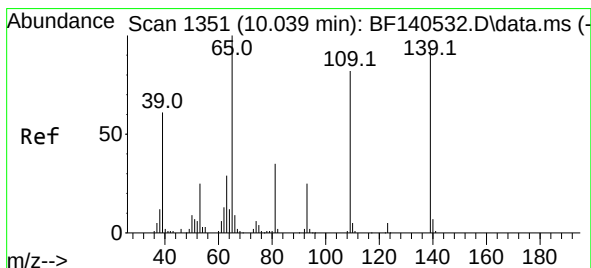
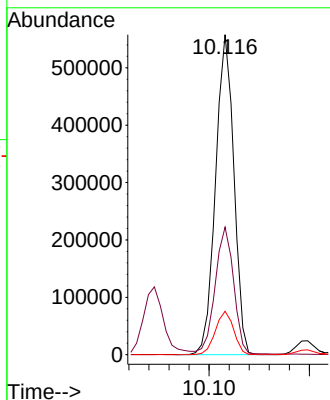
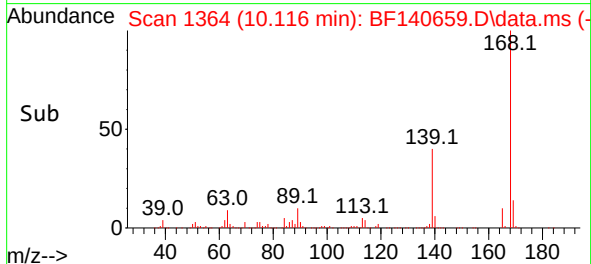
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion:168 Resp: 706974
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.6 10.5 15.7

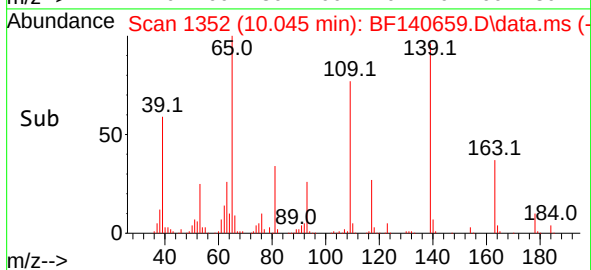
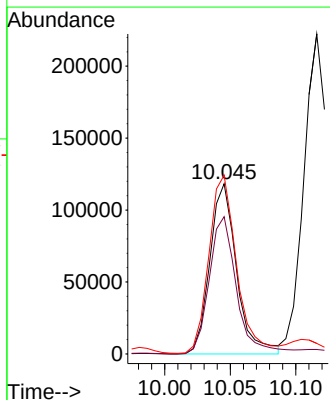
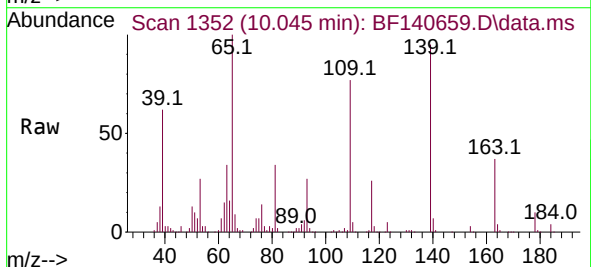
Manual Integrations
APPROVED

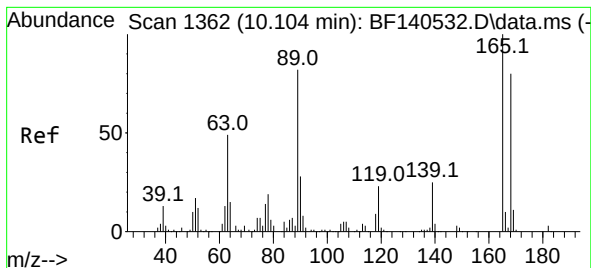
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 95.365 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:139 Resp: 168353
Ion Ratio Lower Upper
139 100
109 80.7 68.4 108.4
65 105.0 88.6 128.6





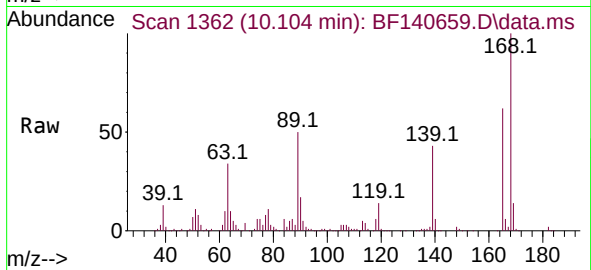
#57
2,4-Dinitrotoluene
Concen: 49.057 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

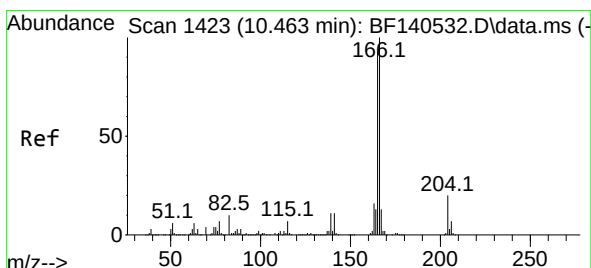
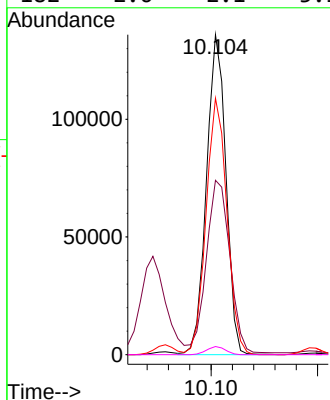
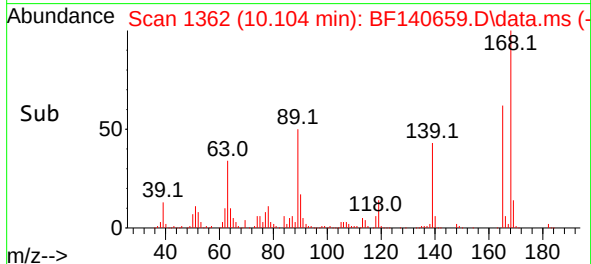


Tgt Ion:165 Resp: 17255
Ion Ratio Lower Upper
165 100
63 54.5 41.7 62.5
89 80.1 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

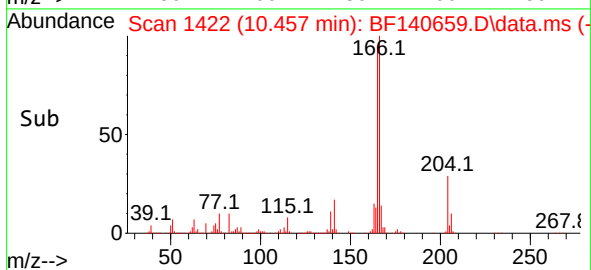
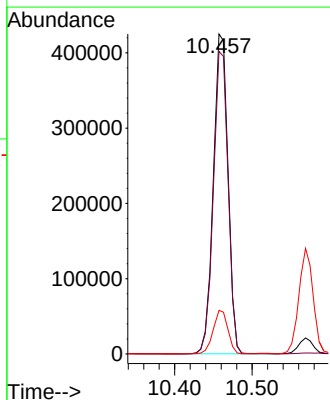
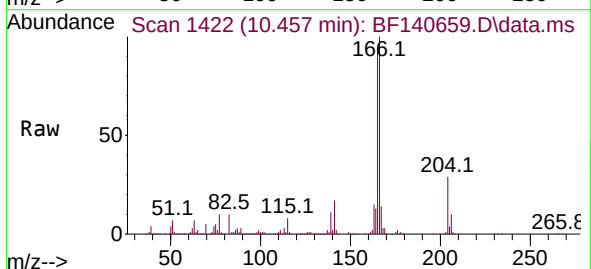
APPROVED

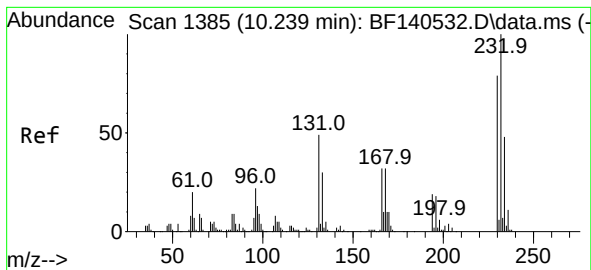
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#58
Fluorene
Concen: 47.534 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

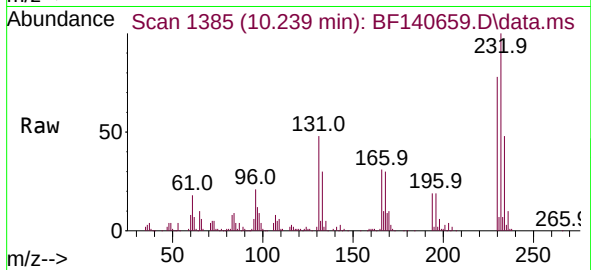
Tgt Ion:166 Resp: 560062
Ion Ratio Lower Upper
166 100
165 94.5 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.026 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

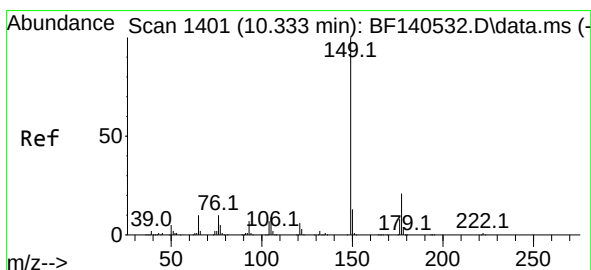
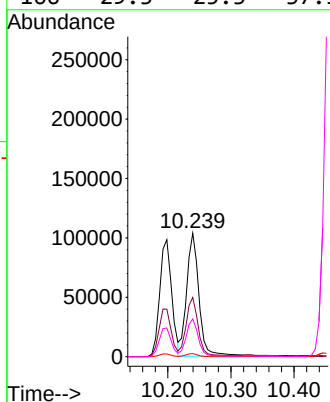
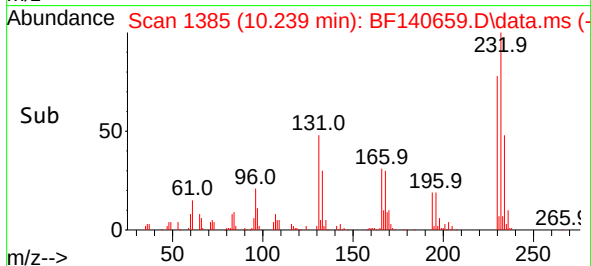
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion:232 Resp: 141245
Ion Ratio Lower Upper
232 100
131 45.8 39.6 59.4
130 2.4 1.9 2.9
166 29.3 25.3 37.9

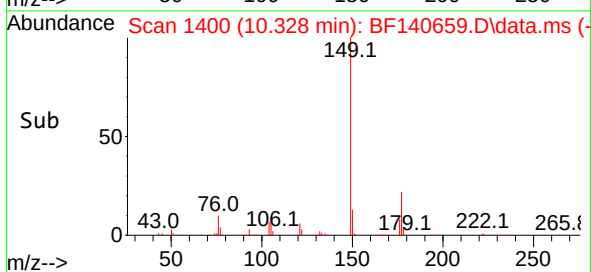
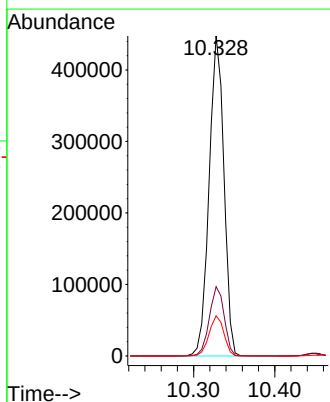
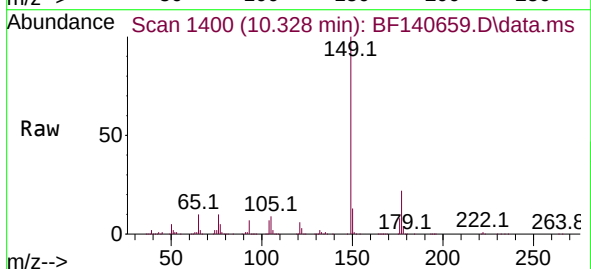
Manual Integrations
APPROVED

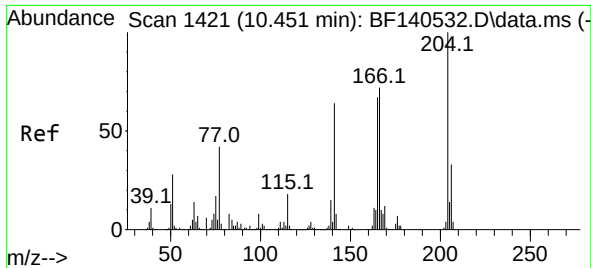
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 47.672 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:149 Resp: 565227
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.5 10.1 15.1





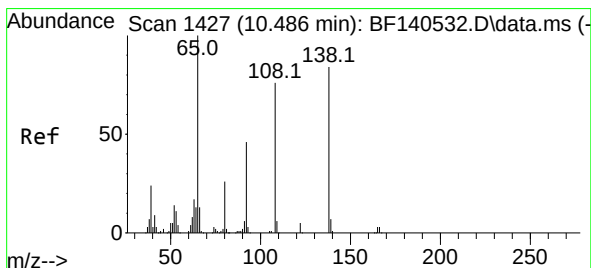
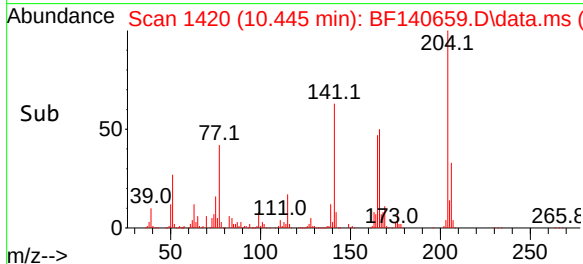
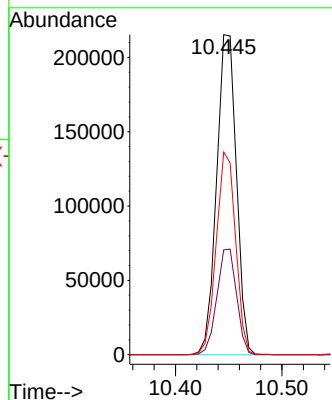
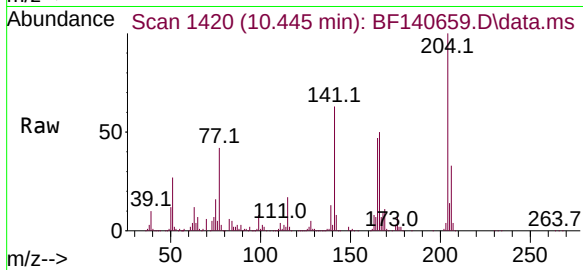
#61
4-Chlorophenyl-phenylether
Concen: 48.045 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Tgt Ion:204 Resp: 27780
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 63.3 51.1 76.7

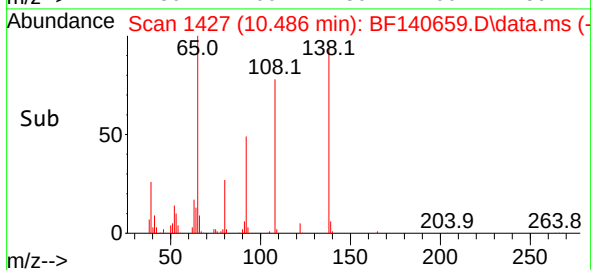
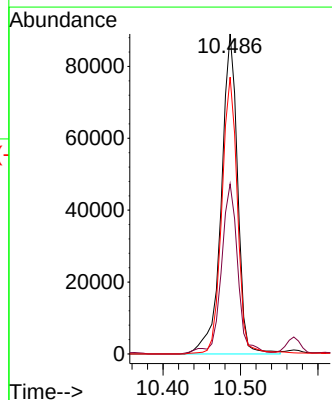
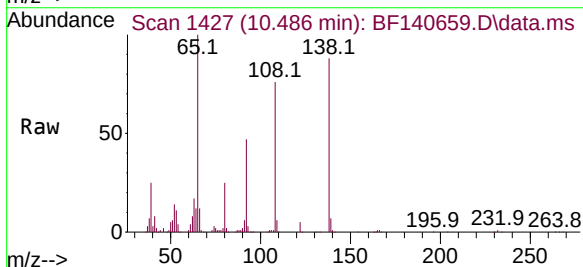
Manual Integrations
APPROVED

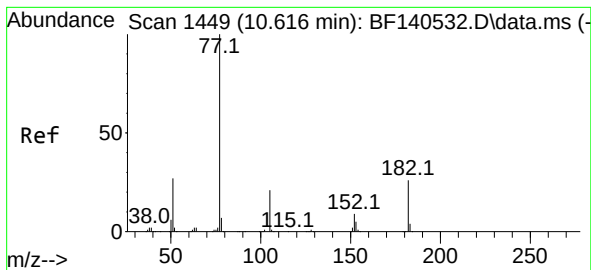
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 47.967 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

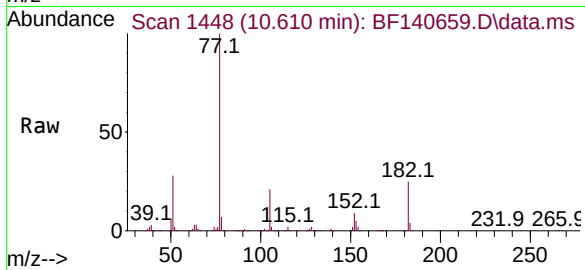
Tgt Ion:138 Resp: 130223
Ion Ratio Lower Upper
138 100
92 53.2 34.5 74.5
108 86.5 70.6 110.6





#63
Azobenzene
Concen: 48.205 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

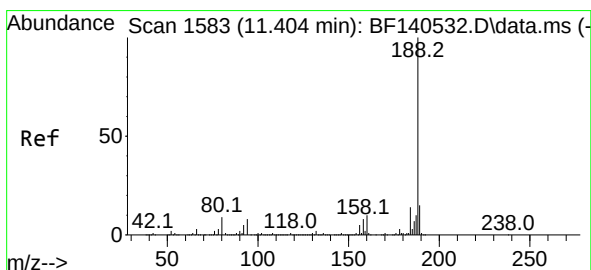
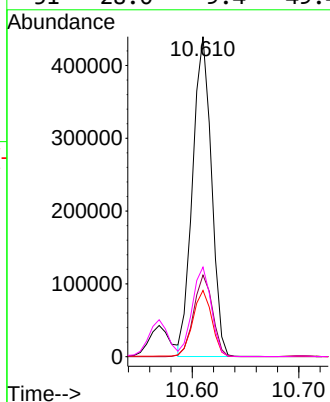
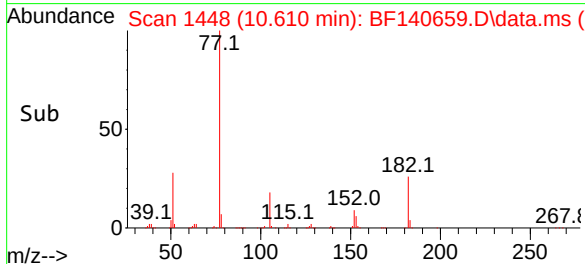
Instrument :
BNA_F
ClientSampleId :
PB165144BS



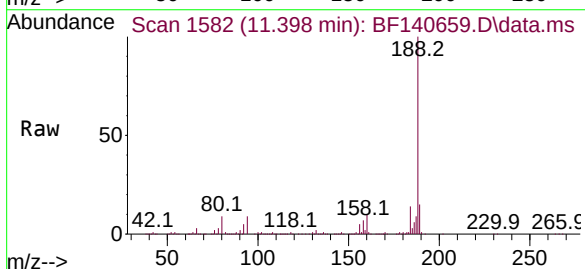
Tgt Ion: 77 Resp: 54125
Ion Ratio Lower Upper
77 100
182 25.5 5.3 45.3
105 20.7 0.3 40.3
51 28.0 9.4 49.4

Manual Integrations
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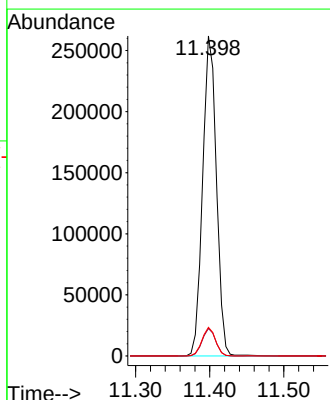
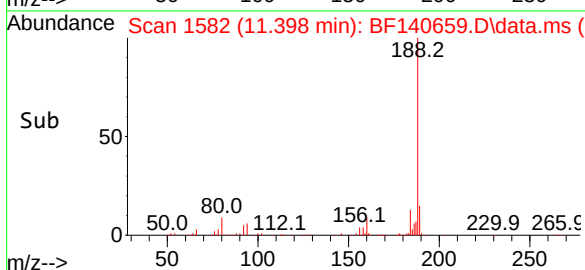
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

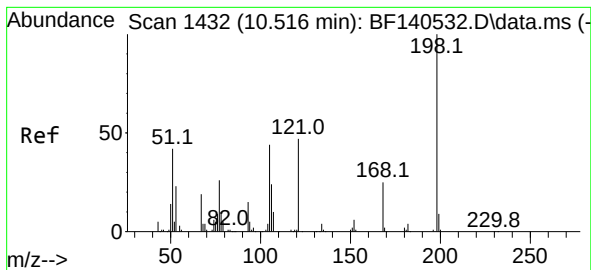


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:188 Resp: 338038
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.0 6.9 10.3





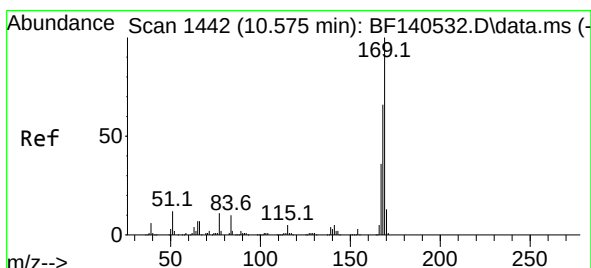
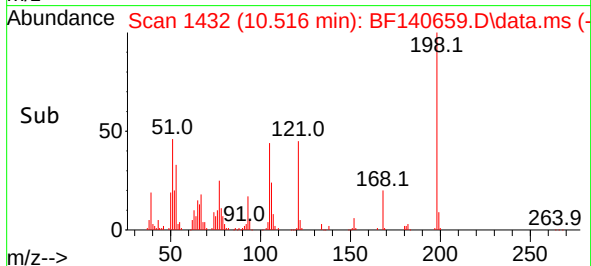
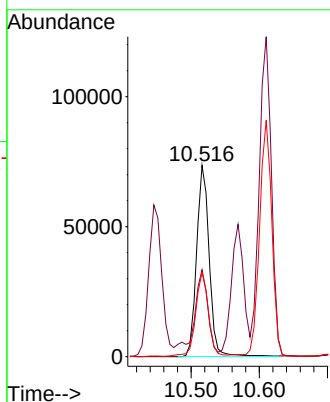
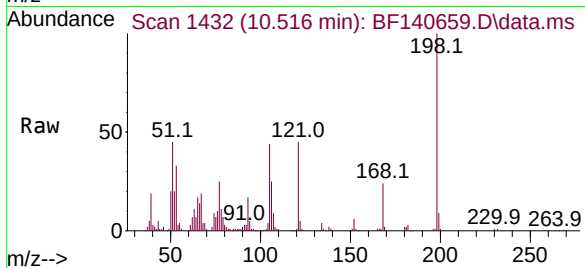
#65
4,6-Dinitro-2-methylphenol
Concen: 54.935 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Tgt Ion:198 Resp: 9489
Ion Ratio Lower Upper
198 100
51 45.4 29.4 69.4
105 44.1 25.4 65.4

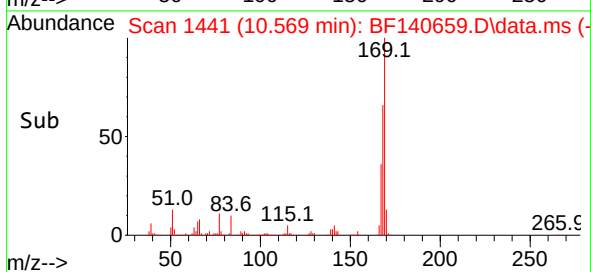
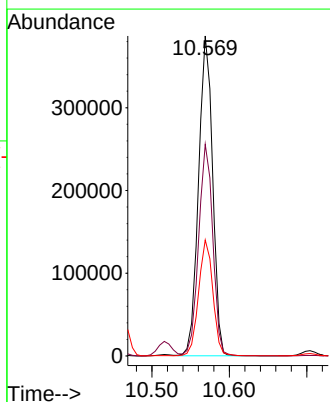
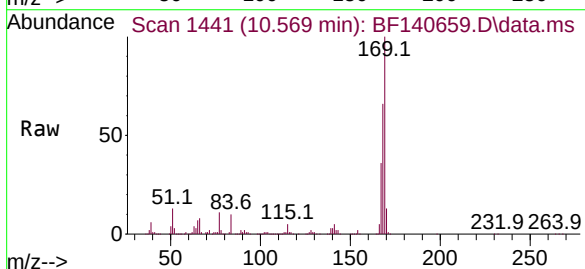
Manual Integrations
APPROVED

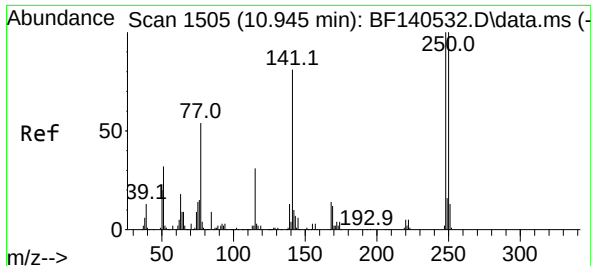
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 48.774 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

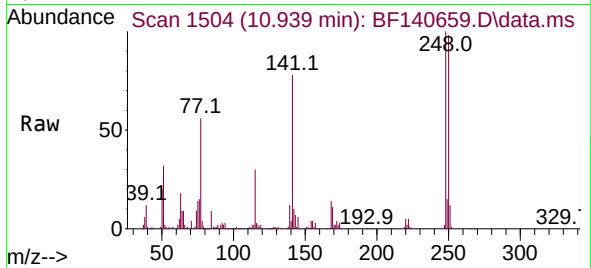
Tgt Ion:169 Resp: 487573
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.497 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

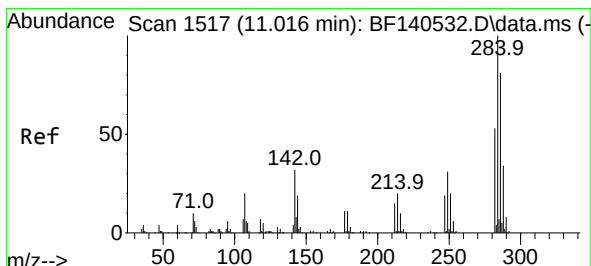
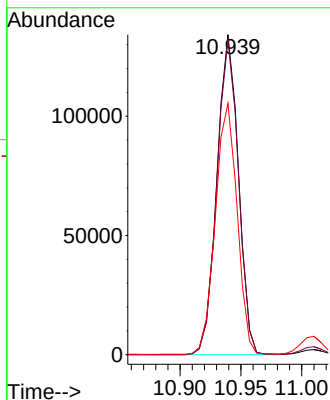
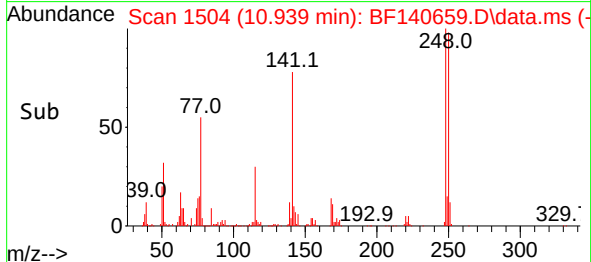
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion:248 Resp: 165350
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 78.5 64.7 97.1

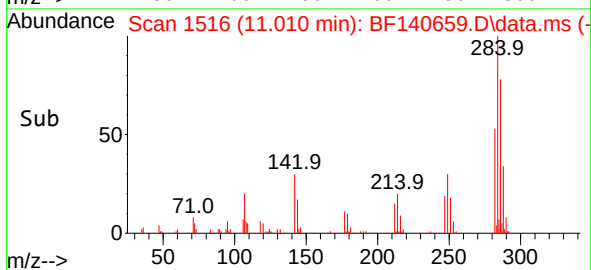
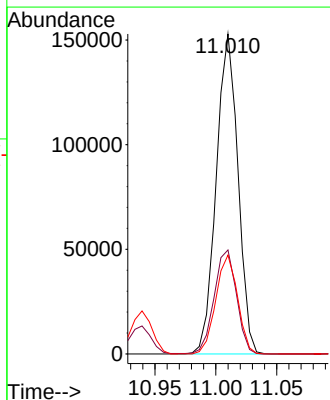
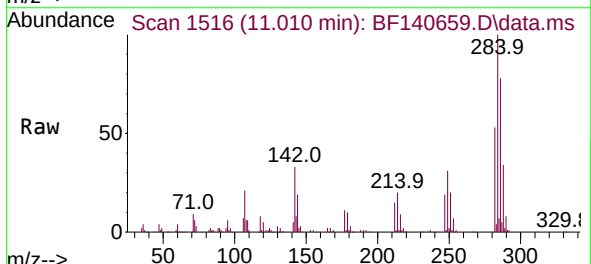
Manual Integrations
APPROVED

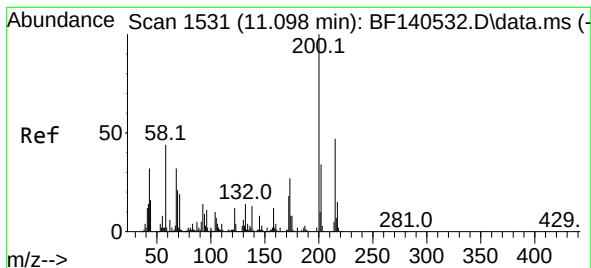
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 47.055 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:284 Resp: 189679
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.9 24.8 37.2





#69

Atrazine

Concen: 57.578 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

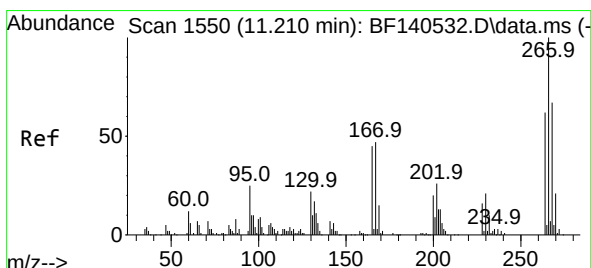
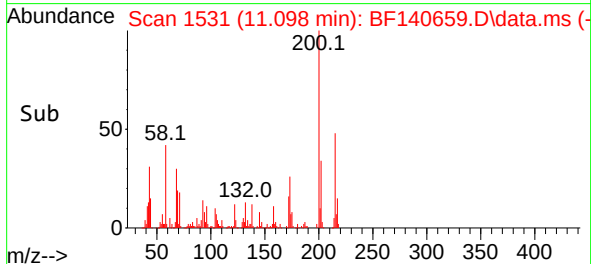
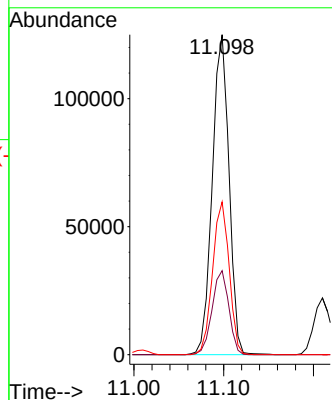
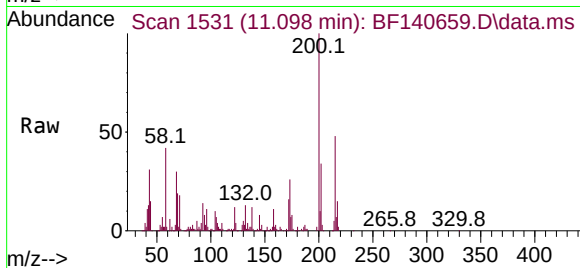
Tgt Ion:200 Resp: 16192
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.0 47.0
 215 47.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 97.098 ng

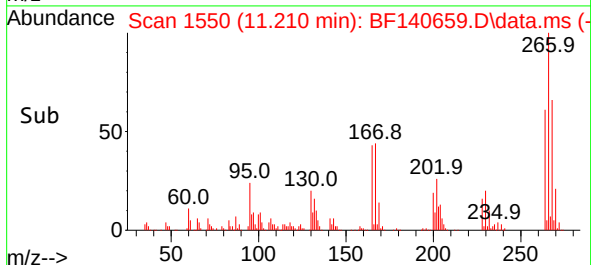
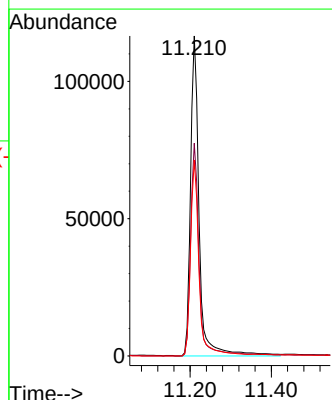
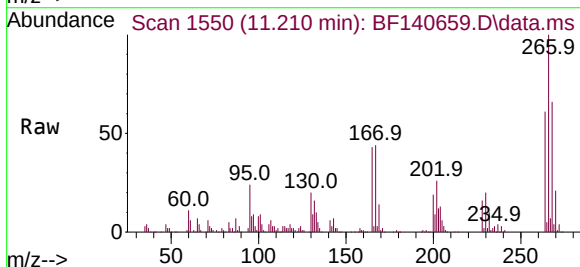
RT: 11.210 min Scan# 1550

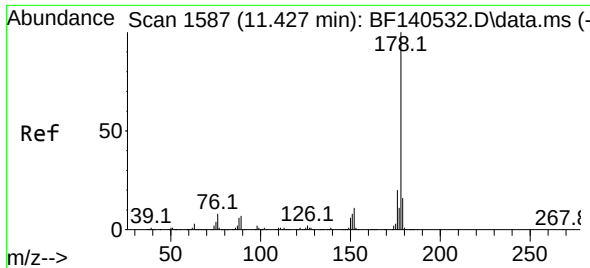
Delta R.T. -0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Tgt Ion:266 Resp: 172264
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.7 80.5
 264 61.3 49.8 74.8





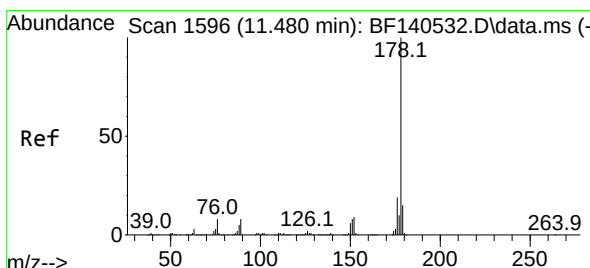
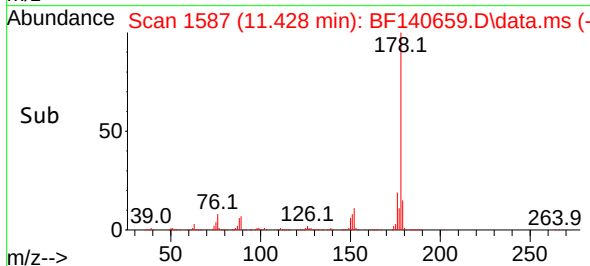
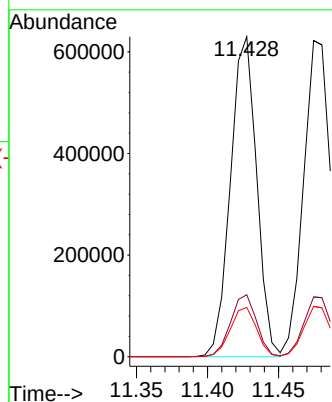
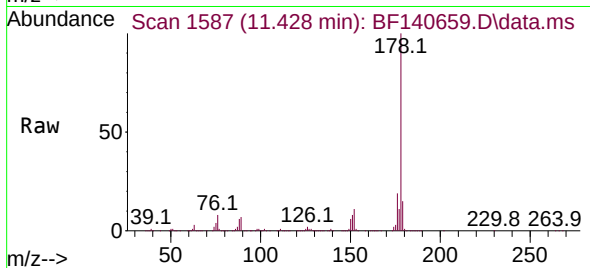
#71
Phenanthrene
Concen: 49.726 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Tgt Ion:178 Resp: 808000
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.4 18.6

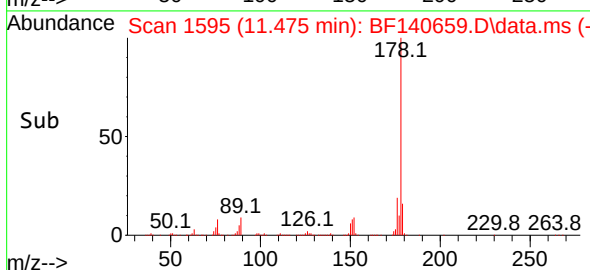
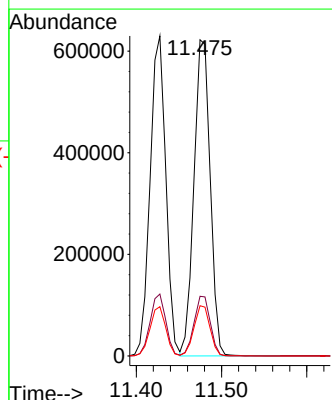
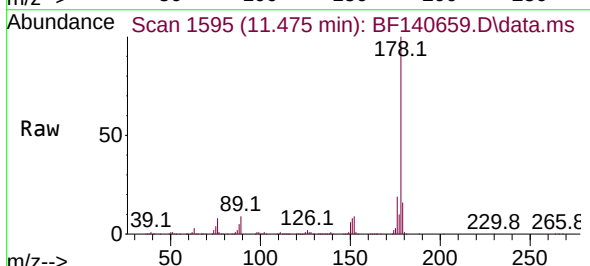
Manual Integrations
APPROVED

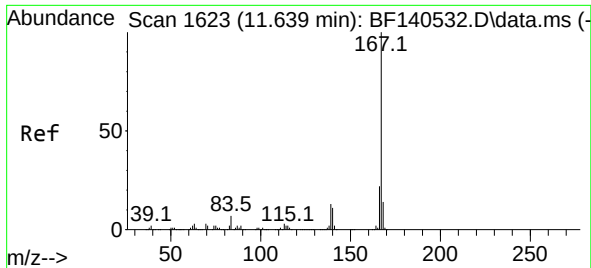
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#72
Anthracene
Concen: 51.800 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:178 Resp: 823351
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.2 18.4





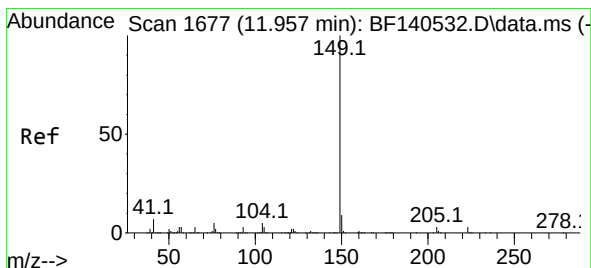
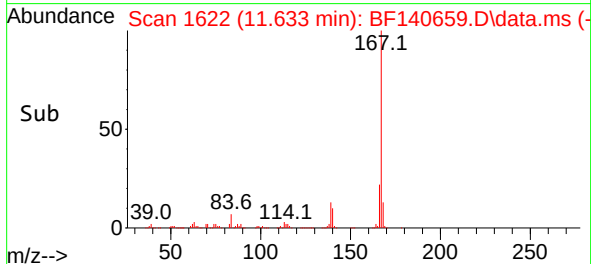
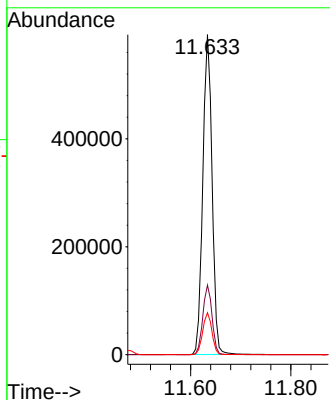
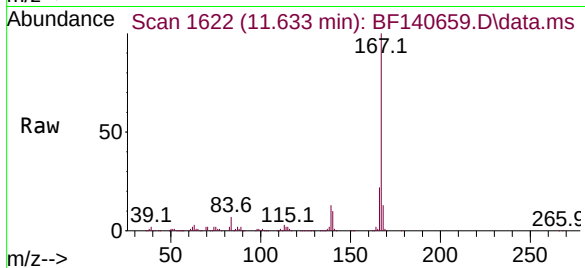
#73
 Carbazole
 Concen: 49.906 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB165144BS

Tgt Ion:167 Resp: 76311
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.6 15.8

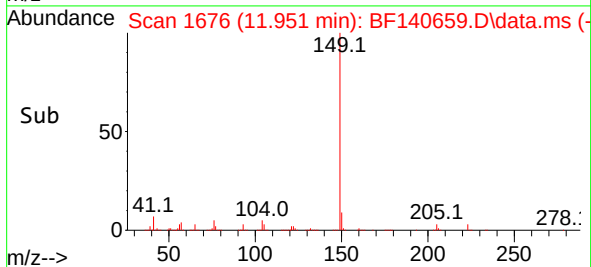
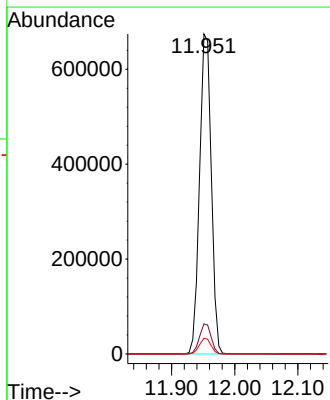
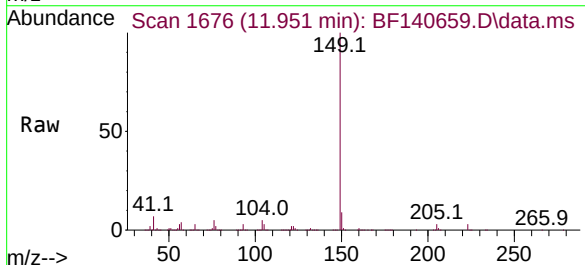
Manual Integrations
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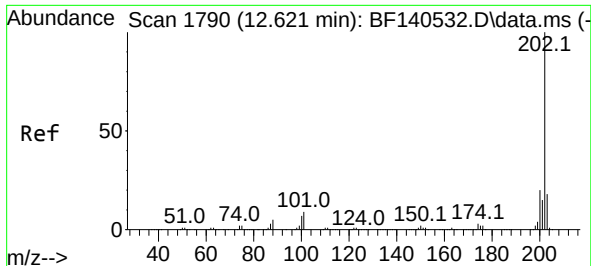
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#74
 Di-n-butylphthalate
 Concen: 49.197 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

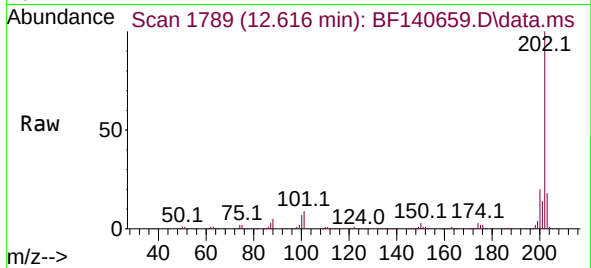
Tgt Ion:149 Resp: 868491
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 50.652 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

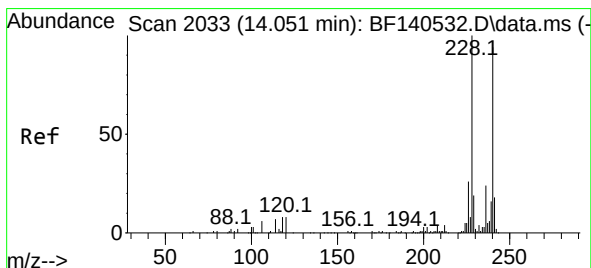
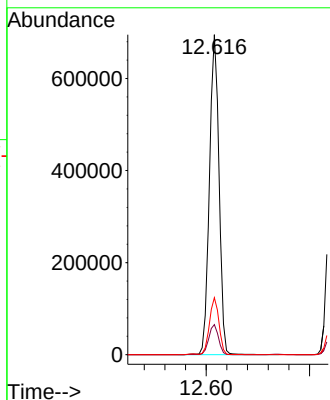
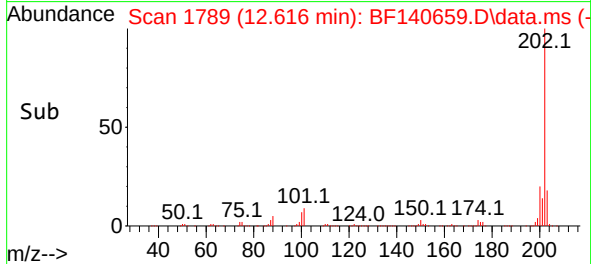
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion:202 Resp: 893620
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.8 0.0 37.6

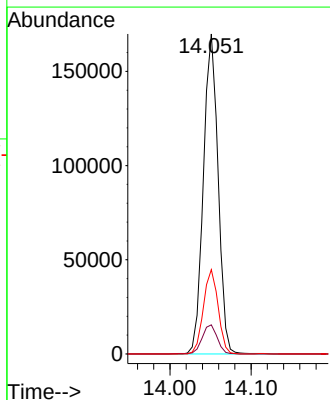
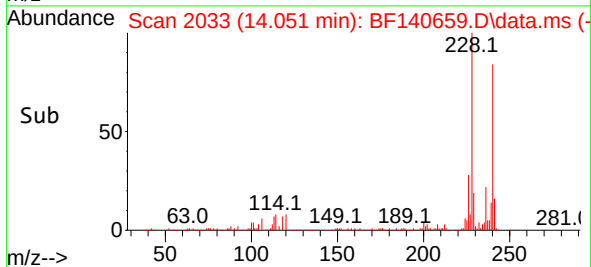
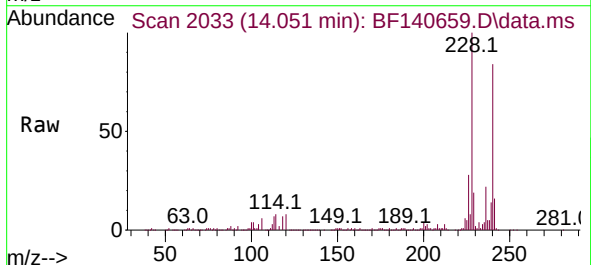
Manual Integrations
APPROVED

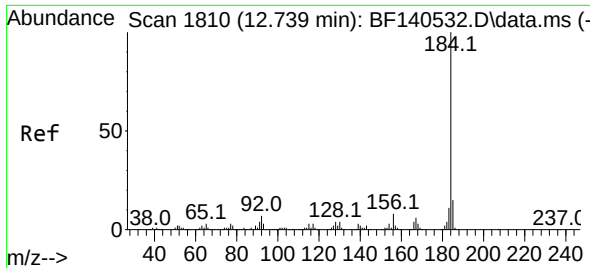
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

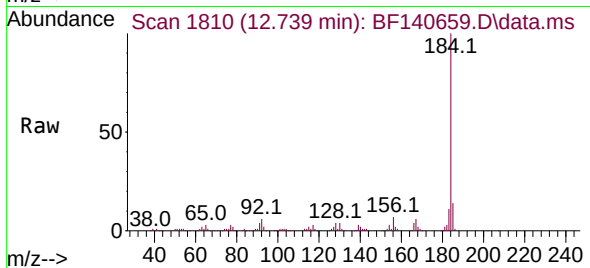
Tgt Ion:240 Resp: 213188
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.4 20.6 31.0





#77
Benzidine
Concen: 29.814 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

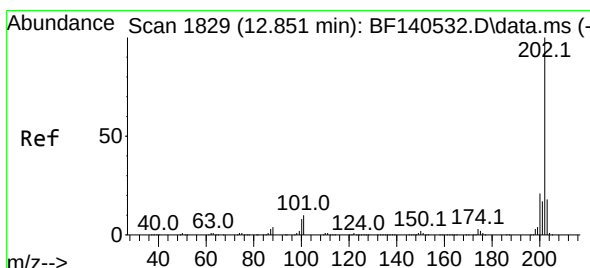
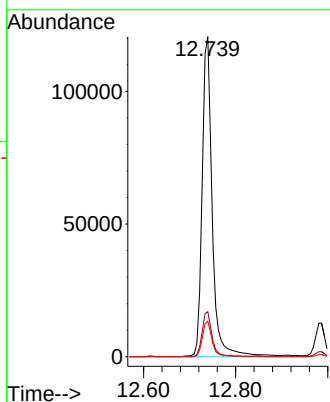
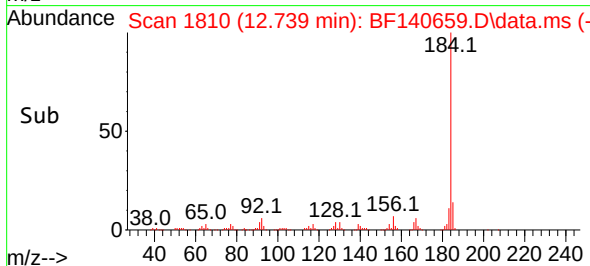
Instrument :
BNA_F
ClientSampleId :
PB165144BS



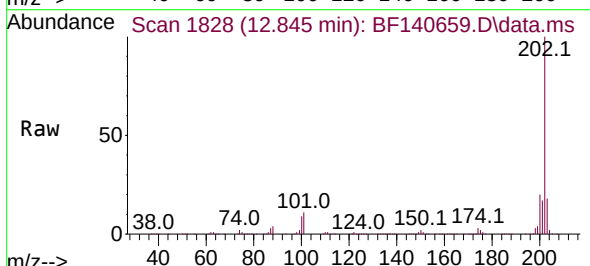
Tgt Ion:184 Resp: 184790
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.1 8.8 13.2

Manual Integrations
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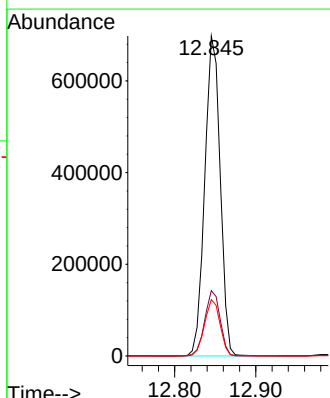
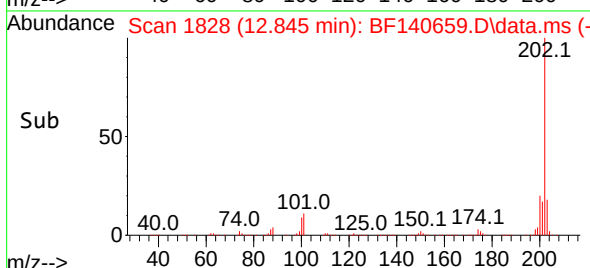
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

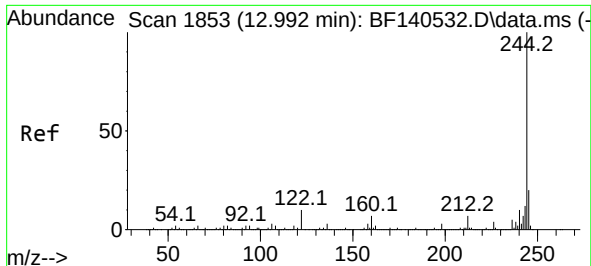


#78
Pyrene
Concen: 46.686 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:202 Resp: 920263
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.6 14.2 21.4





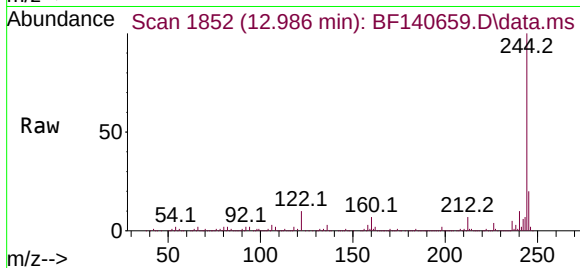
#79
 Terphenyl-d14
 Concen: 91.753 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS



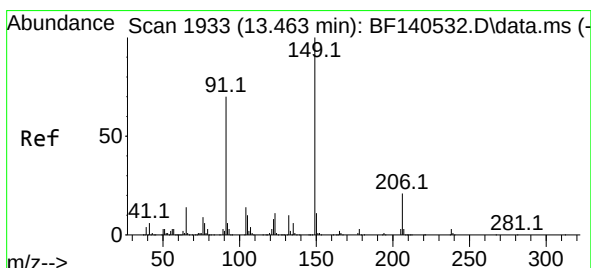
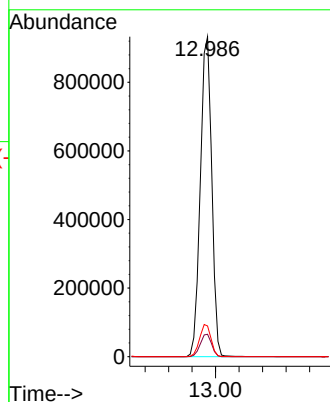
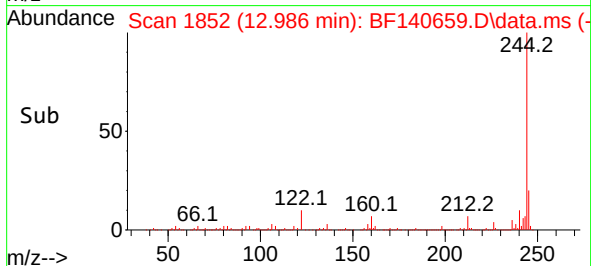
Tgt Ion:244 Resp: 1256199
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.6 8.0 12.0

Manual Integrations

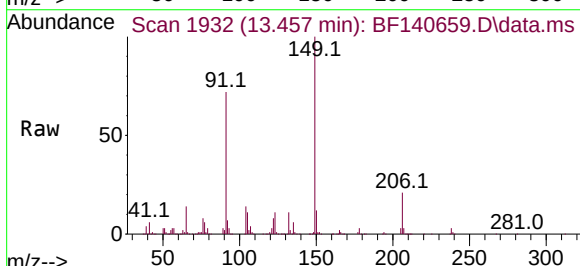
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

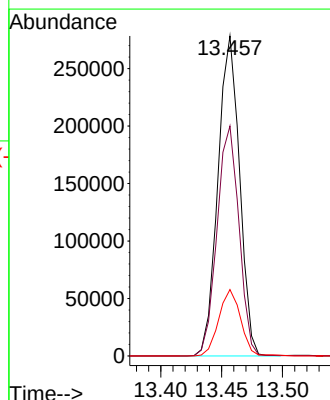
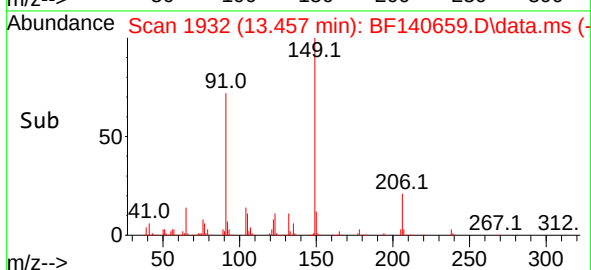
Supervised By :mohammad ahmed 11/29/2024

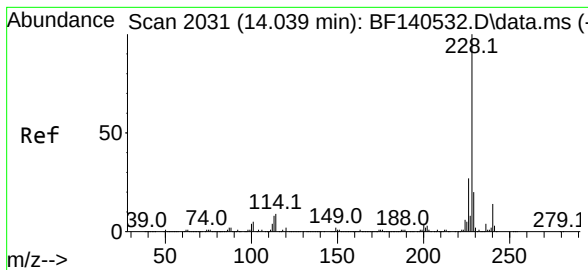


#80
 Butylbenzylphthalate
 Concen: 48.577 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140659.D
 Acq: 27 Nov 2024 10:30



Tgt Ion:149 Resp: 344945
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.2 84.2
 206 20.7 16.4 24.6





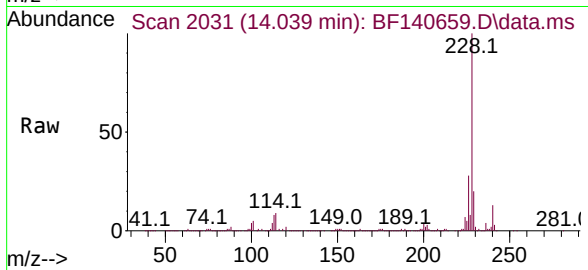
#81
Benzo(a)anthracene
Concen: 50.479 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS



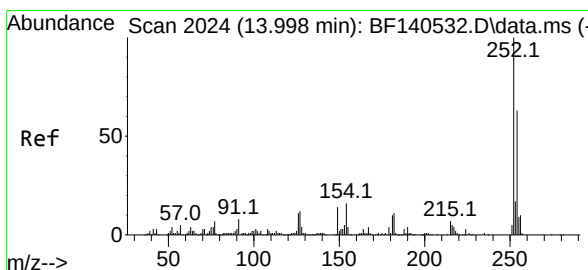
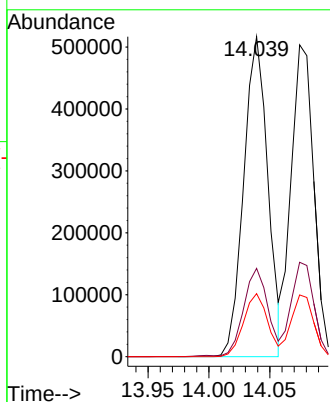
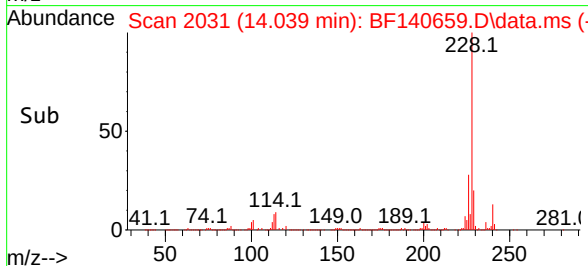
Tgt Ion:228 Resp: 71236
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

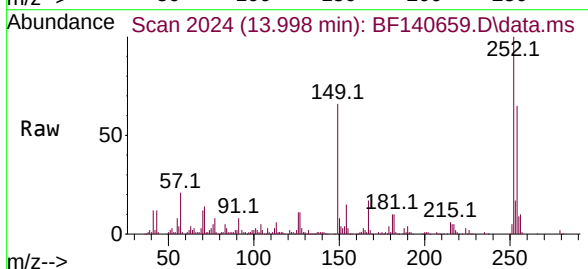
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

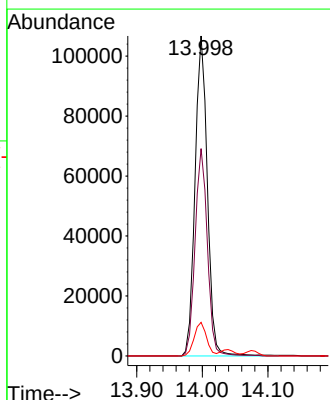
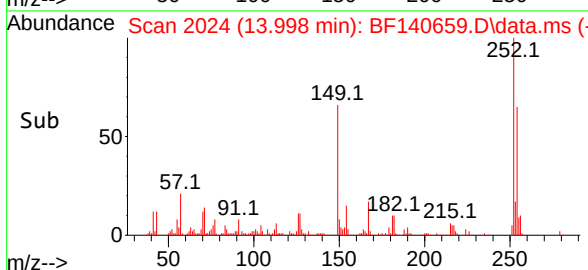
Supervised By :mohammad ahmed 11/29/2024

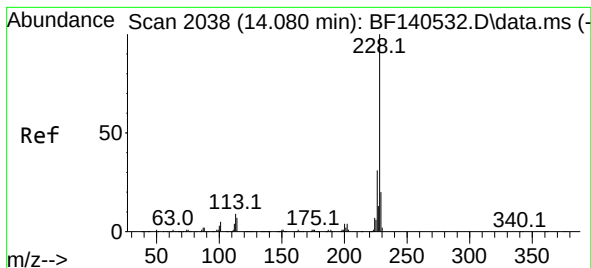


#82
3,3'-Dichlorobenzidine
Concen: 33.025 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30



Tgt Ion:252 Resp: 139928
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 50.856 ng

RT: 14.075 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

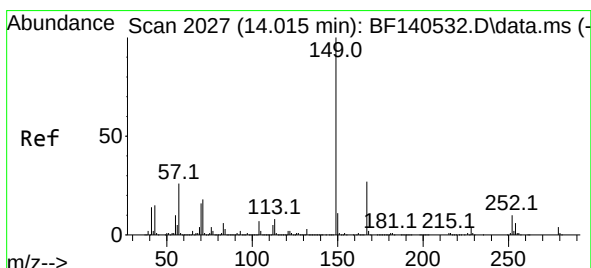
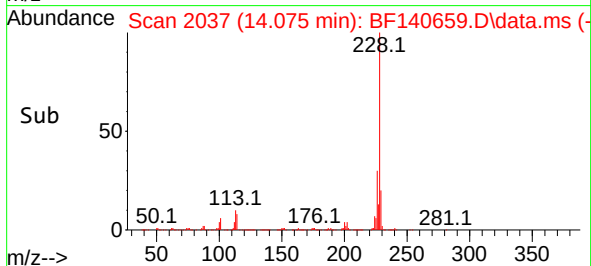
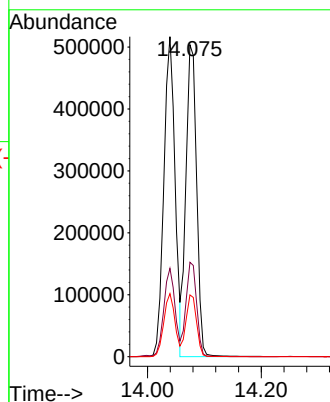
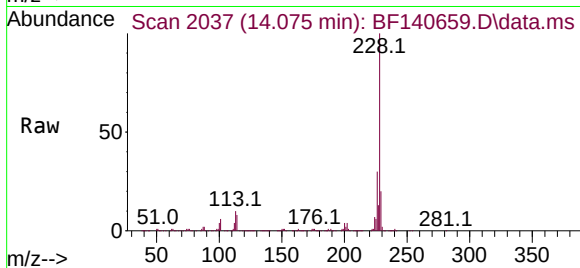
Tgt Ion:	228	Resp:	65624
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.791 ng

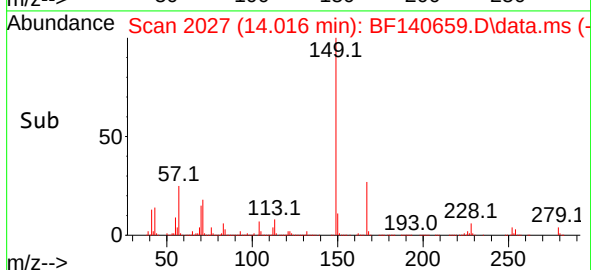
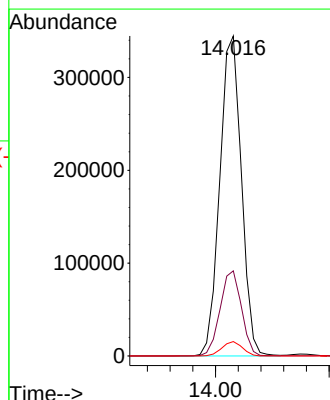
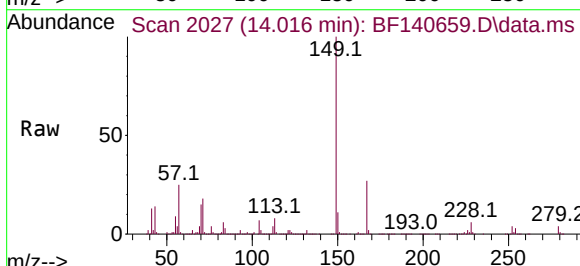
RT: 14.016 min Scan# 2027

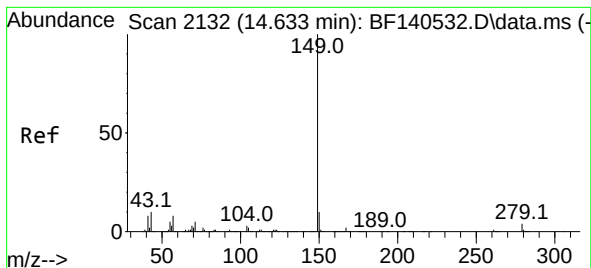
Delta R.T. 0.000 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

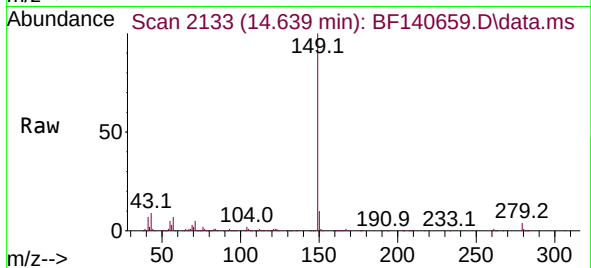
Tgt Ion:	149	Resp:	455416
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	4.5	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 53.817 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

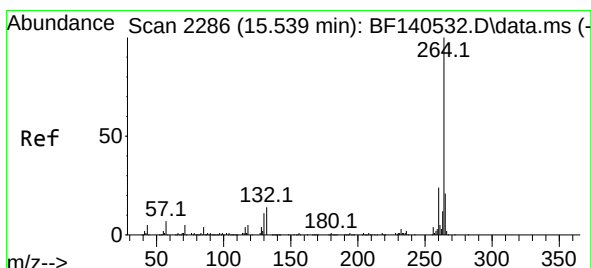
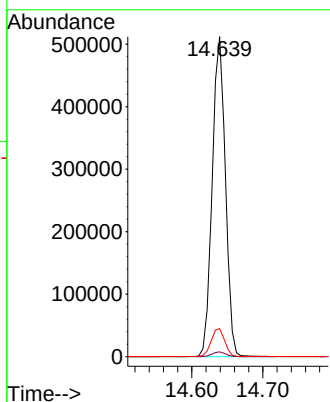
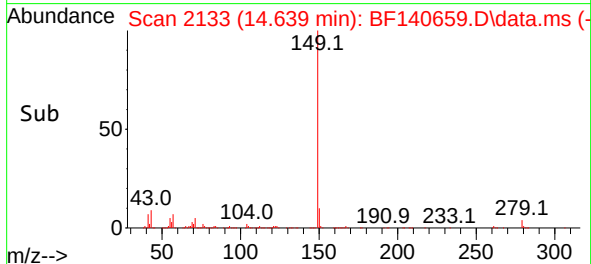
Instrument :
BNA_F
ClientSampleId :
PB165144BS



Tgt Ion:149 Resp: 65946
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.7 11.5

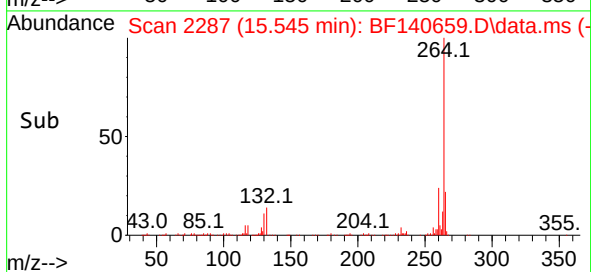
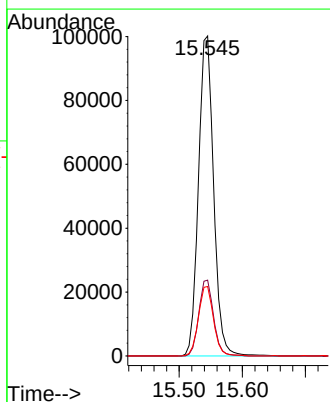
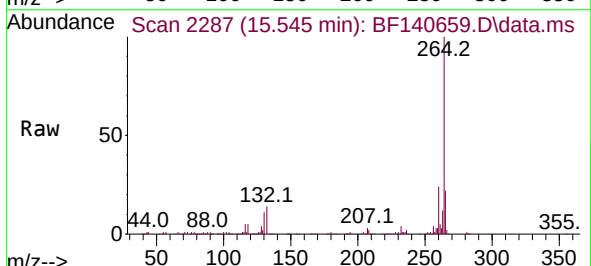
Manual Integrations
APPROVED

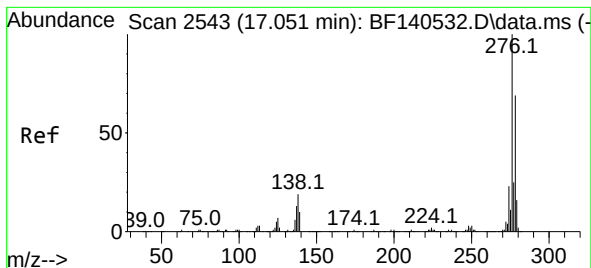
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:264 Resp: 167110
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.387 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

PB165144BS

Tgt Ion:276 Resp: 54873

Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

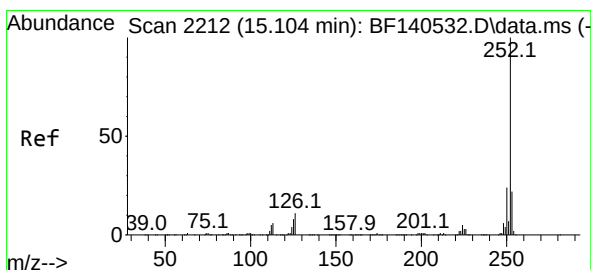
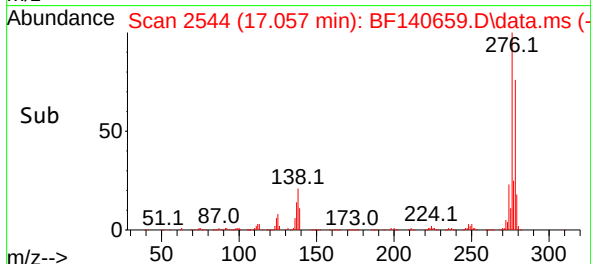
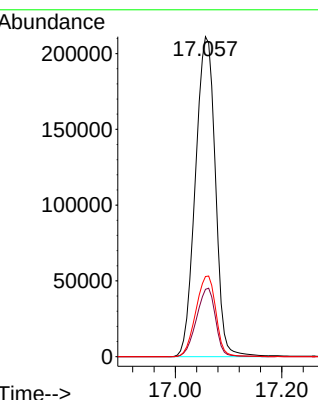
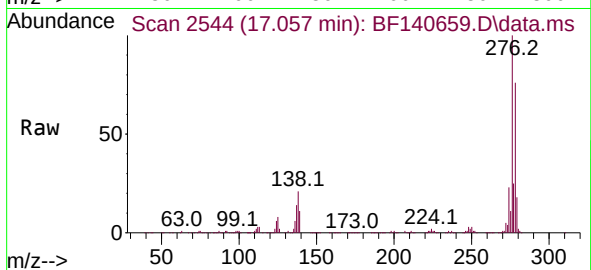
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#88

Benzo(b)fluoranthene

Concen: 50.989 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140659.D

Acq: 27 Nov 2024 10:30

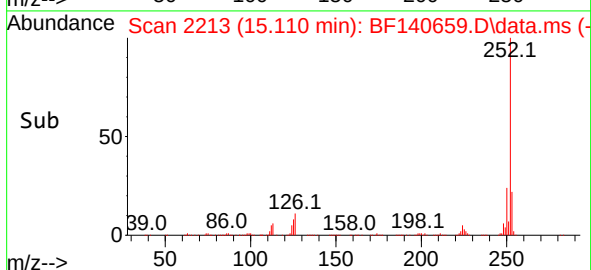
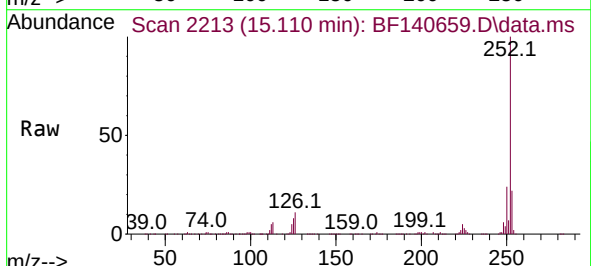
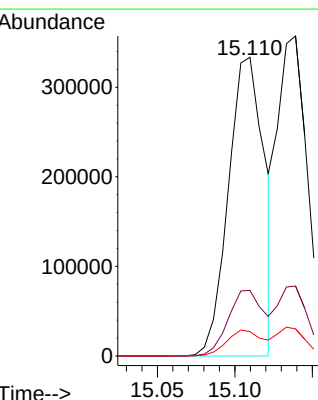
Tgt Ion:252 Resp: 535206

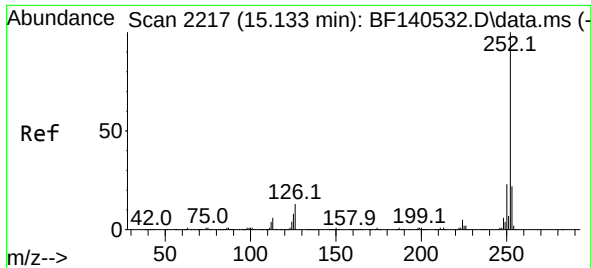
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.2 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 52.758 ng
RT: 15.139 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

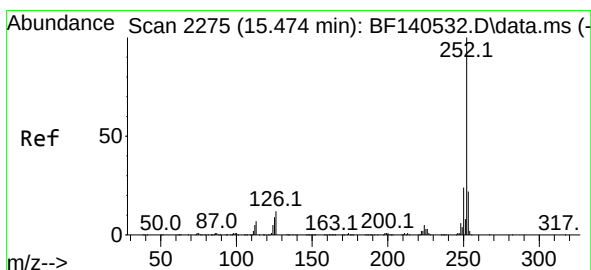
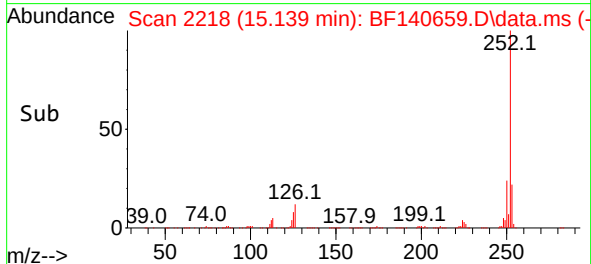
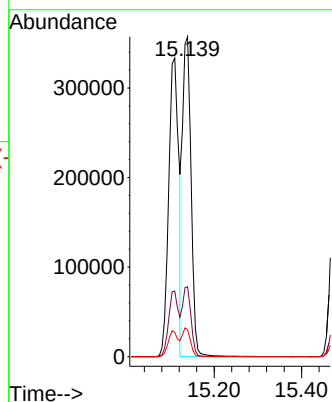
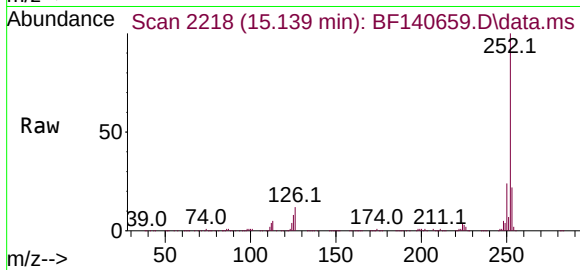
PB165144BS

Tgt Ion:252 Resp: 48459
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.5 6.5 9.7

Manual Integrations

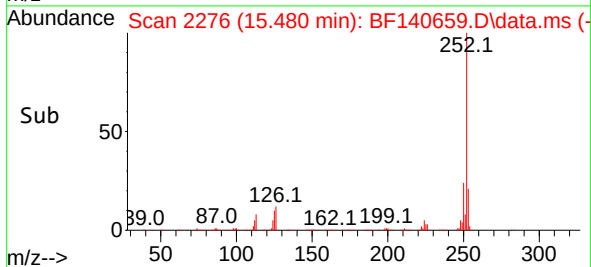
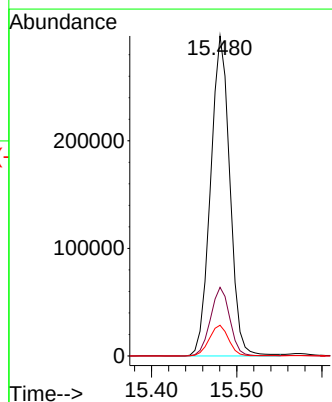
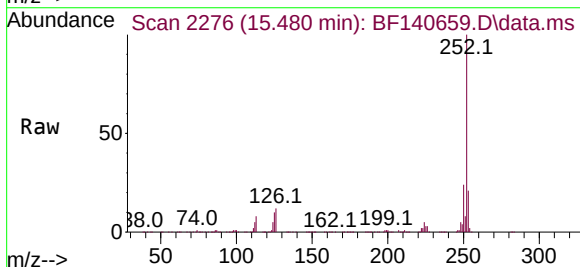
APPROVED

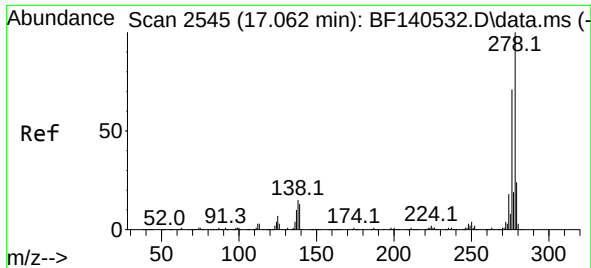
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 54.819 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:252 Resp: 467848
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.463 ng
RT: 17.068 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Instrument :

BNA_F

ClientSampleId :

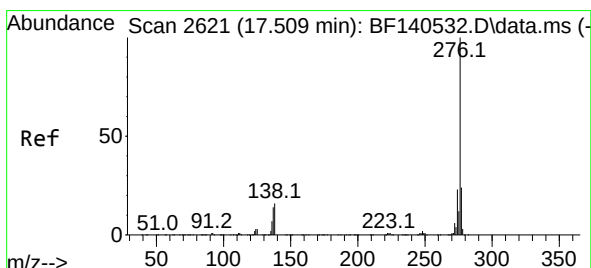
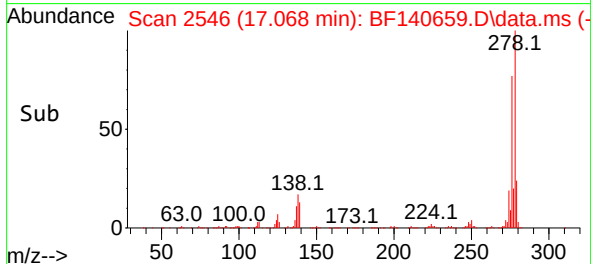
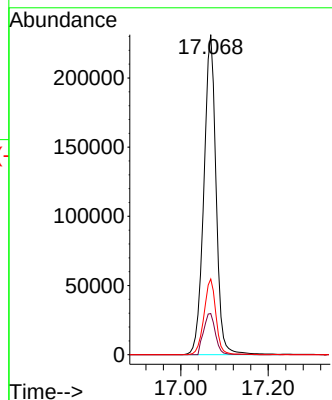
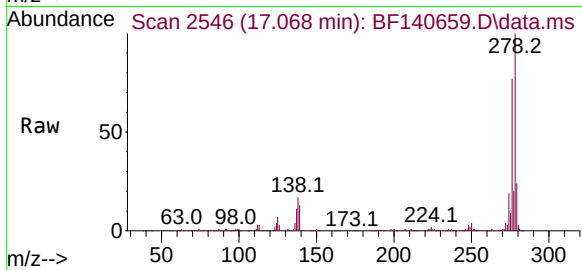
PB165144BS

Tgt Ion:278 Resp: 45006
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 46.514 ng
RT: 17.510 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140659.D
Acq: 27 Nov 2024 10:30

Tgt Ion:276 Resp: 423327
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 17.7 13.2 19.8

