

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140617.D
 Acq On : 25 Nov 2024 21:37
 Operator : RC/JU
 Sample : P4860-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 01:39:06 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	54501	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	202613	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	106607	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	220773	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127662	20.000	ng	0.00
86) Perylene-d12	15.533	264	125896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	364179	114.010	ng	0.00
7) Phenol-d6	6.510	99	482332	114.218	ng	0.00
23) Nitrobenzene-d5	7.434	82	310654	78.426	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	147772	129.605	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	606393	84.750	ng	-0.01
79) Terphenyl-d14	12.980	244	667518	81.419	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	64765	48.223	ng	99
3) Pyridine	3.416	79	160781	54.411	ng	98
4) n-Nitrosodimethylamine	3.363	42	87880	50.601	ng	98
6) Aniline	6.534	93	128106	43.100	ng	90
8) 2-Chlorophenol	6.657	128	182299	53.047	ng	98
9) Benzaldehyde	6.422	77	15051	6.733	ng	98
10) Phenol	6.522	94	234998	54.490	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	167150	50.649	ng	100
12) 1,3-Dichlorobenzene	6.810	146	195075	50.518	ng	99
13) 1,4-Dichlorobenzene	6.887	146	197745	50.576	ng	100
14) 1,2-Dichlorobenzene	7.040	146	188262	51.386	ng	99
15) Benzyl Alcohol	7.010	79	165969	52.997	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	207147	53.132	ng	96
17) 2-Methylphenol	7.128	107	144454	52.511	ng	97
18) Hexachloroethane	7.381	117	74360	50.921	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	127074	50.917	ng	97
20) 3+4-Methylphenols	7.281	107	186609	52.776	ng	98
22) Acetophenone	7.275	105	252749	51.168	ng	98
24) Nitrobenzene	7.451	77	199678	48.774	ng	99
25) Isophorone	7.687	82	341198	51.643	ng	99
26) 2-Nitrophenol	7.769	139	94922	52.320	ng	100
27) 2,4-Dimethylphenol	7.804	122	132279m	60.938	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	202636	50.345	ng	100
29) 2,4-Dichlorophenol	8.016	162	151432	52.647	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	160905	48.994	ng	99
31) Naphthalene	8.175	128	529338	50.721	ng	99
32) Benzoic acid	7.928	122	86545	46.143	ng	98
33) 4-Chloroaniline	8.222	127	58067	18.583	ng	97
34) Hexachlorobutadiene	8.287	225	107947	49.624	ng	99
35) Caprolactam	8.581	113	47864m	53.771	ng	
36) 4-Chloro-3-methylphenol	8.710	107	164708	51.144	ng	100
37) 2-Methylnaphthalene	8.863	142	349007	52.651	ng	99
38) 1-Methylnaphthalene	8.963	142	317721	48.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	170729	54.705	ng	98
41) Hexachlorocyclopentadiene	9.016	237	120658	163.611	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	105437	53.840	ng	99

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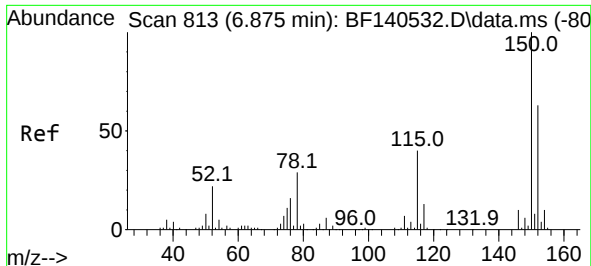
Manual Integrations
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 Supervised By :mohammad ahmed 11/27/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	116157	54.653	ng	96
46) 1,1'-Biphenyl	9.328	154	431505	54.213	ng	99
47) 2-Chloronaphthalene	9.351	162	320782	53.189	ng	99
48) 2-Nitroaniline	9.451	65	105407	54.451	ng	97
49) Acenaphthylene	9.769	152	524115	57.517	ng	100
50) Dimethylphthalate	9.628	163	379759	54.088	ng	100
51) 2,6-Dinitrotoluene	9.692	165	84165	52.856	ng	96
52) Acenaphthene	9.939	154	320800	55.406	ng	99
53) 3-Nitroaniline	9.863	138	48999	31.462	ng	97
54) 2,4-Dinitrophenol	9.975	184	87081	103.091	ng	98
55) Dibenzofuran	10.116	168	481150	54.481	ng	100
56) 4-Nitrophenol	10.039	139	135163	127.256	ng	96
57) 2,4-Dinitrotoluene	10.098	165	118430	55.962	ng	96
58) Fluorene	10.457	166	389442	54.937	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	96535	59.100	ng	96
60) Diethylphthalate	10.328	149	386919	54.239	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	187664	53.944	ng	98
62) 4-Nitroaniline	10.481	138	89030	54.506	ng	96
63) Azobenzene	10.610	77	449154	66.488	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	62937	55.787	ng	98
66) n-Nitrosodiphenylamine	10.569	169	328312	50.286	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	111698	49.128	ng	97
68) Hexachlorobenzene	11.004	284	131725	50.035	ng	98
69) Atrazine	11.092	200	110232	60.017	ng	99
70) Pentachlorophenol	11.204	266	125226	108.076	ng	99
71) Phenanthrene	11.422	178	560994	52.862	ng	99
72) Anthracene	11.475	178	572845	55.183	ng	100
73) Carbazole	11.628	167	546630	54.737	ng	100
74) Di-n-butylphthalate	11.951	149	596519	51.739	ng	100
75) Fluoranthene	12.616	202	607954	52.763	ng	99
77) Benzidine	12.733	184	78892	21.255	ng	99
78) Pyrene	12.845	202	610200	51.695	ng	99
80) Butylbenzylphthalate	13.451	149	214360	50.411	ng	97
81) Benzo(a)anthracene	14.033	228	442236	52.331	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	91269	35.972	ng	100
83) Chrysene	14.069	228	415778	53.807	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	271841	50.628	ng	99
85) Di-n-octyl phthalate	14.633	149	396354	54.015	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	420579	51.262	ng	99
88) Benzo(b)fluoranthene	15.098	252	424891	53.731	ng	99
89) Benzo(k)fluoranthene	15.127	252	337178	48.726	ng	99
90) Benzo(a)pyrene	15.474	252	370925	57.690	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	341865	50.879	ng	99
92) Benzo(g,h,i)perylene	17.492	276	307059	44.783	ng	99

(#) = 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: BF140617.D
 Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

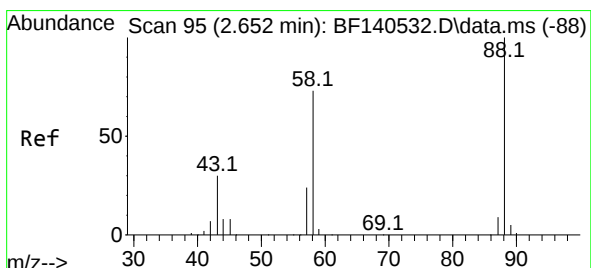
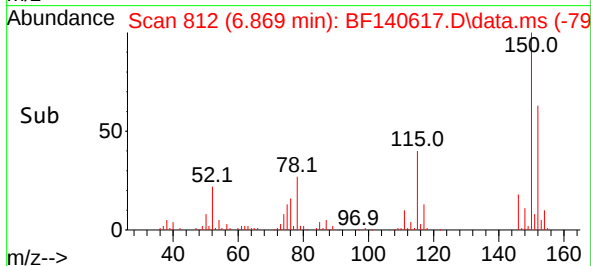
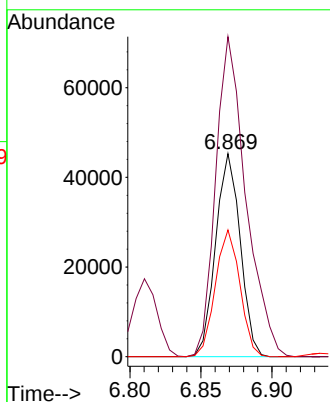
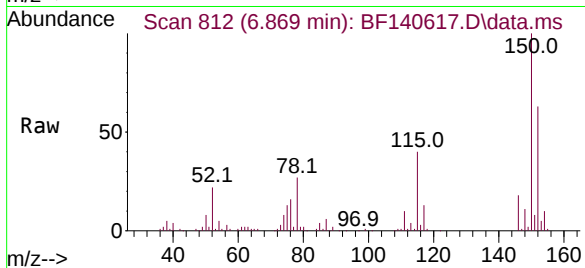
PH2-BOT-006MSD

Tgt Ion:152 Resp: 5450
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.5 192.7
 115 62.4 50.2 75.4

Manual Integrations

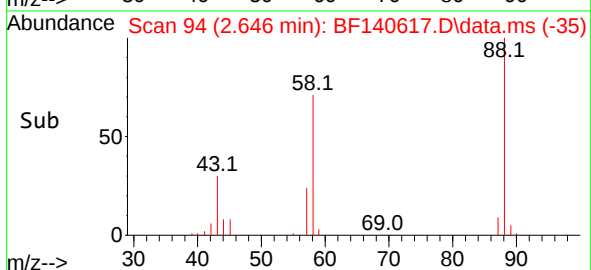
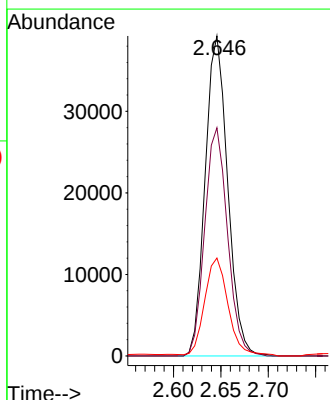
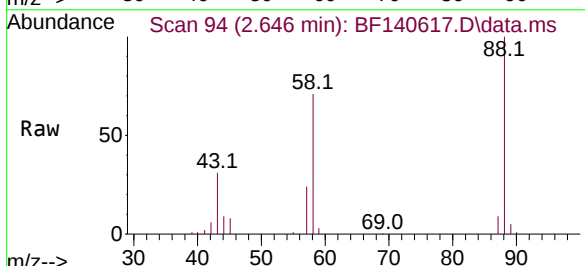
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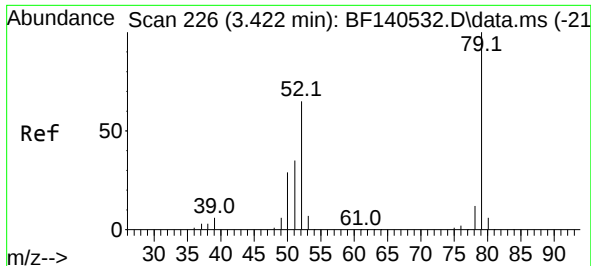
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 48.223 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF140617.D
 Acq: 25 Nov 2024 21:37

Tgt Ion: 88 Resp: 64765
 Ion Ratio Lower Upper
 88 100
 58 72.0 57.4 86.2
 43 32.1 24.3 36.5





#3

Pyridine

Concen: 54.411 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion: 79 Resp: 16078

Ion Ratio Lower Upper

79 100

52 67.0 52.1 78.1

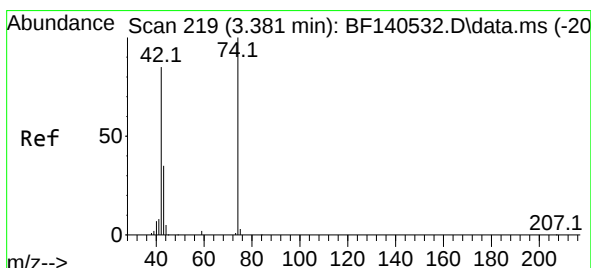
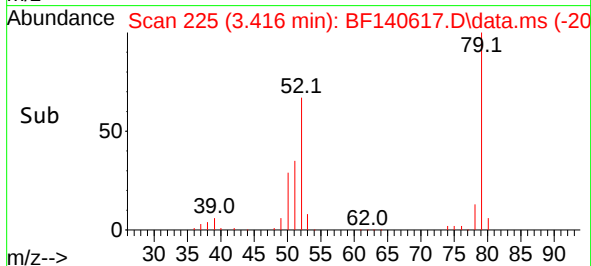
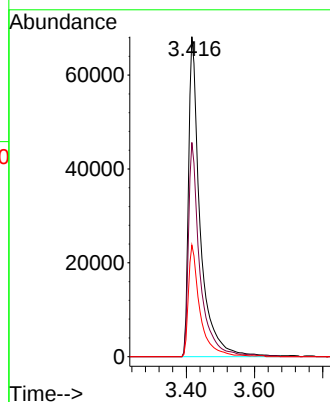
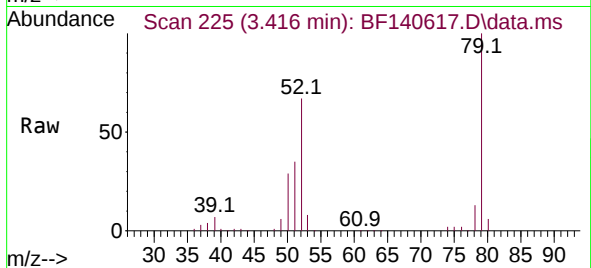
51 34.9 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 50.601 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.018 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

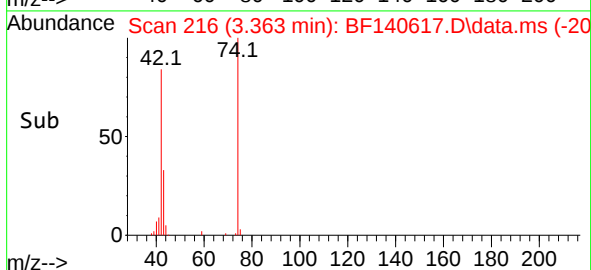
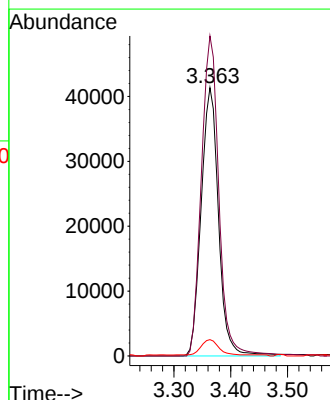
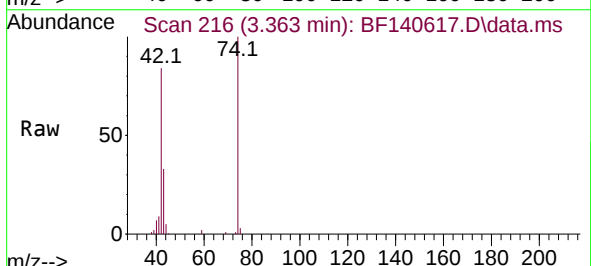
Tgt Ion: 42 Resp: 87880

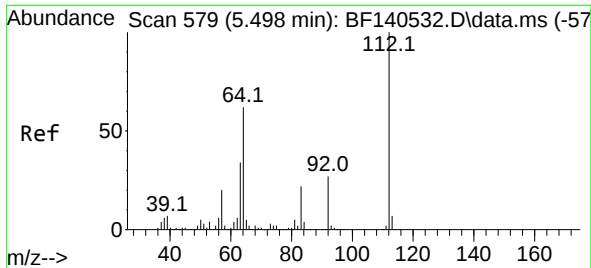
Ion Ratio Lower Upper

42 100

74 119.2 93.8 140.6

44 6.1 4.6 6.8





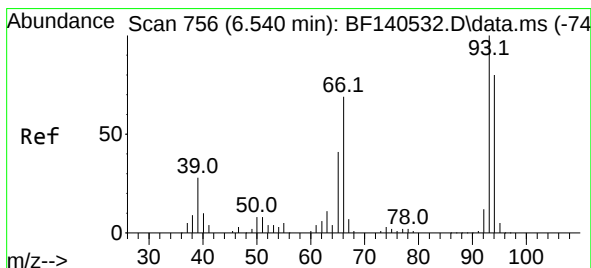
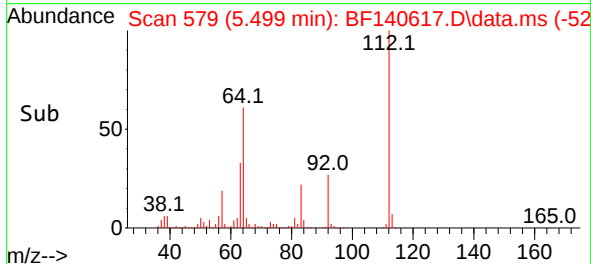
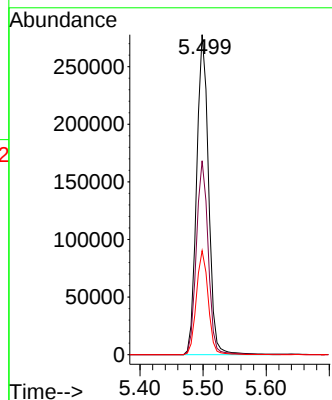
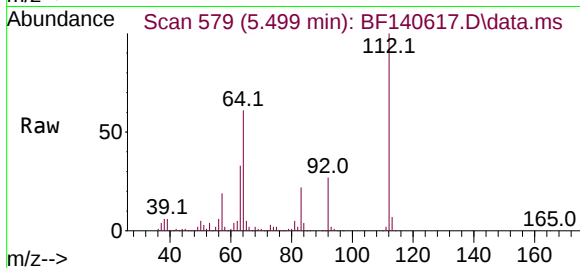
#5
2-Fluorophenol
Concen: 114.010 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

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ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:112 Resp: 364179
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.5 27.0 40.4

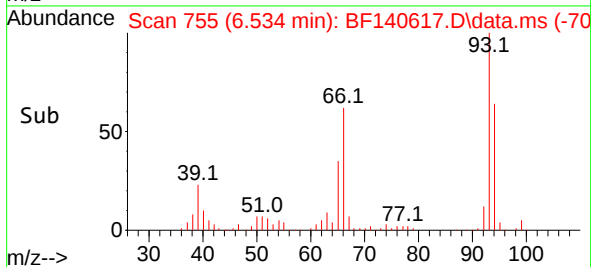
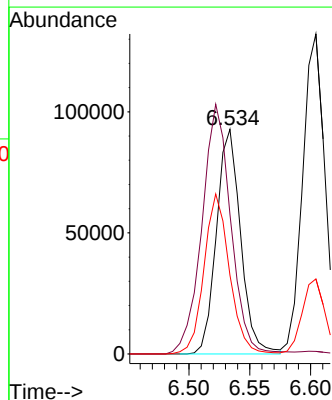
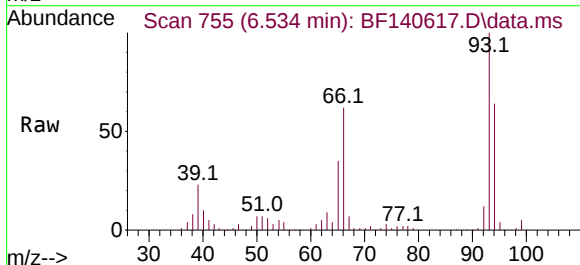
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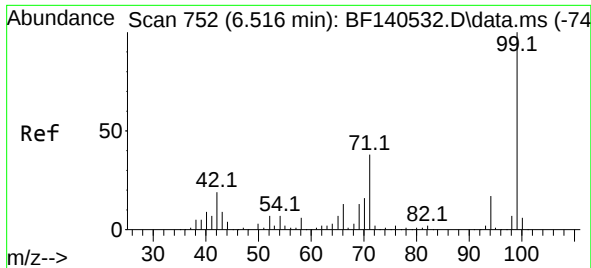
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 43.100 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

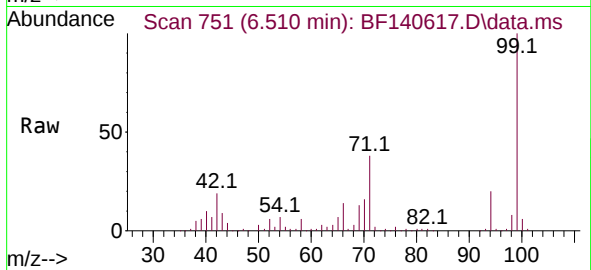
Tgt Ion: 93 Resp: 128106
Ion Ratio Lower Upper
93 100
66 62.1 56.5 84.7
65 35.0 32.9 49.3





#7
Phenol-d6
Concen: 114.218 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

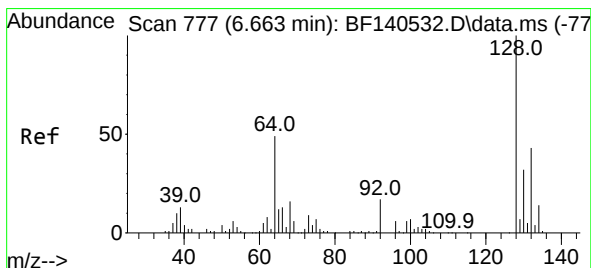
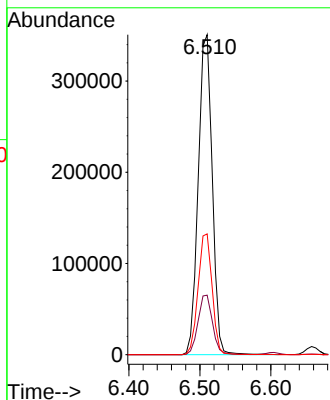
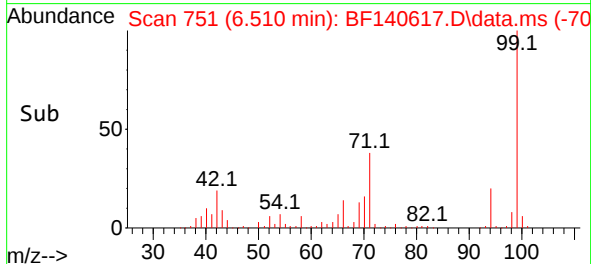
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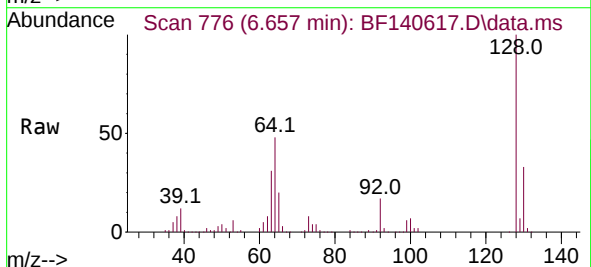
Tgt Ion: 99 Resp: 482332
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 37.8 30.6 46.0

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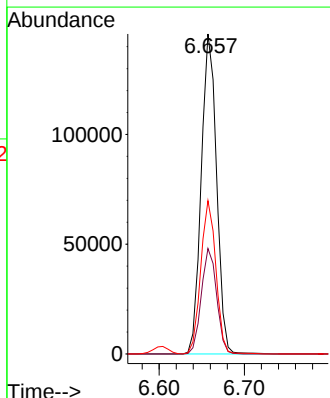
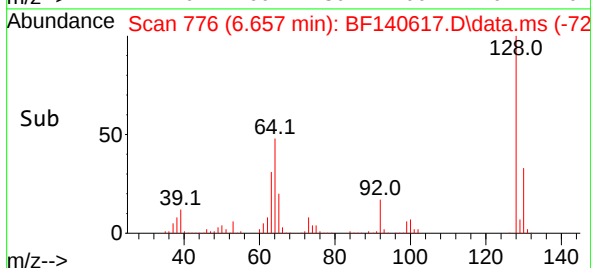
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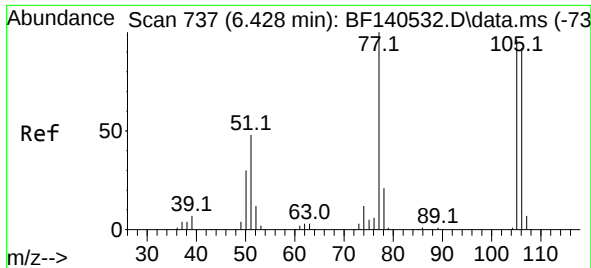


#8
2-Chlorophenol
Concen: 53.047 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:128 Resp: 182299
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 47.9 30.2 70.2





#9
Benzaldehyde
Concen: 6.733 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

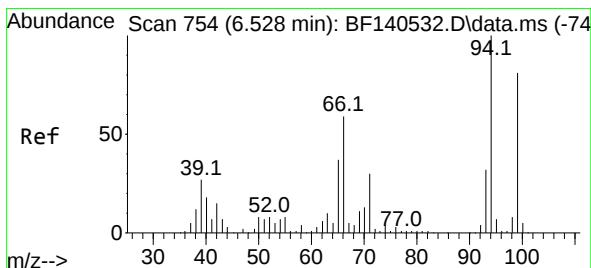
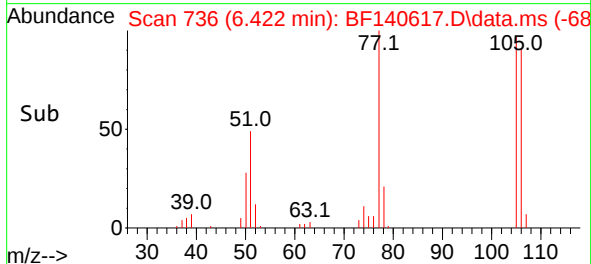
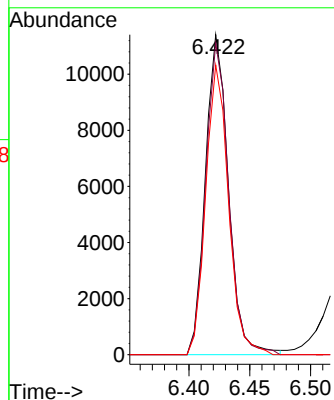
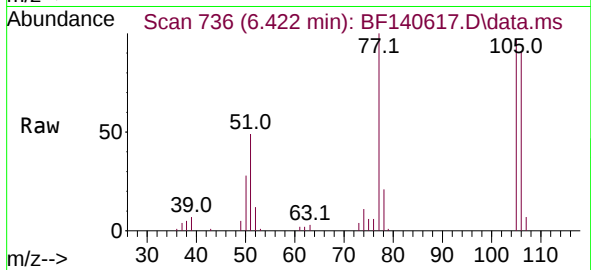
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion: 77 Resp: 1505

Ion	Ratio	Lower	Upper
77	100		
105	97.3	75.6	115.6
106	90.5	72.0	112.0

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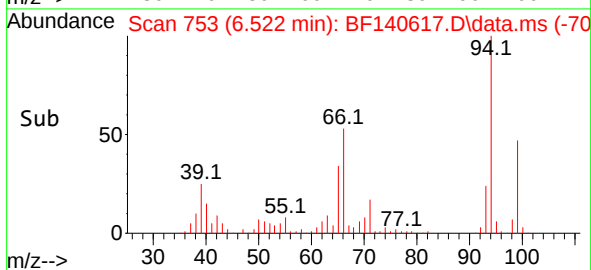
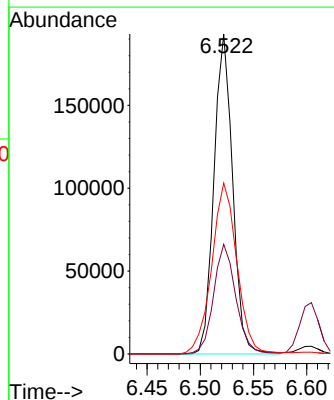
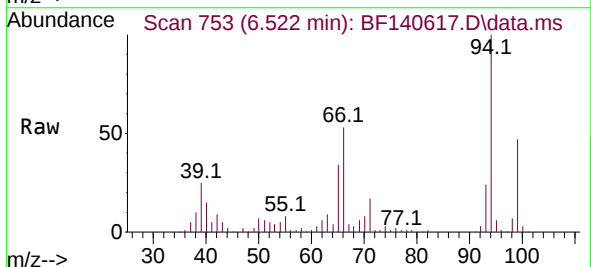
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

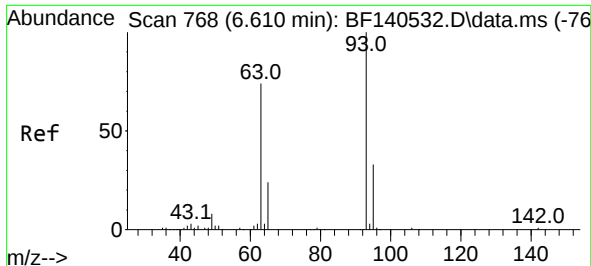


#10
Phenol
Concen: 54.490 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion: 94 Resp: 234998

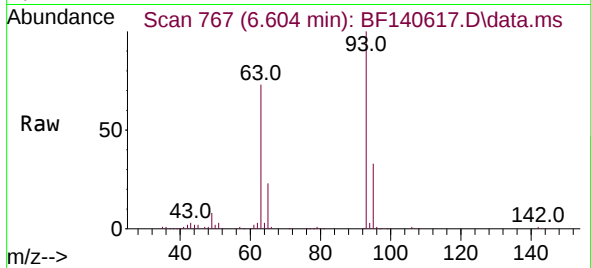
Ion	Ratio	Lower	Upper
94	100		
65	34.2	17.2	57.2
66	53.4	39.2	79.2





#11
bis(2-Chloroethyl)ether
Concen: 50.649 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

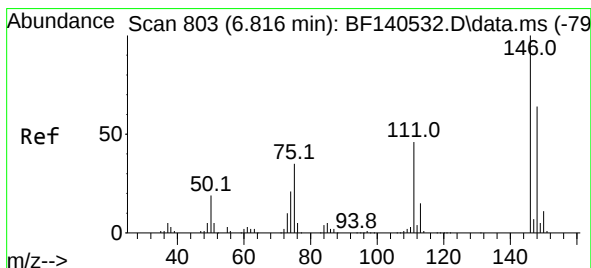
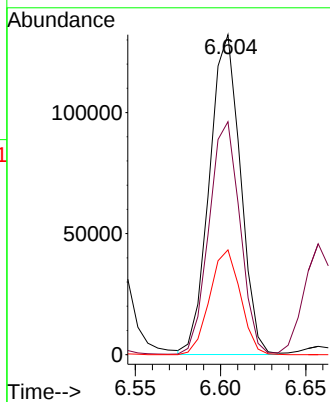
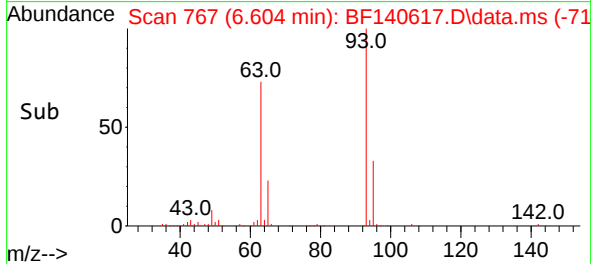
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion: 93 Resp: 167150
Ion Ratio Lower Upper
93 100
63 72.8 52.8 92.8
95 32.8 12.3 52.3

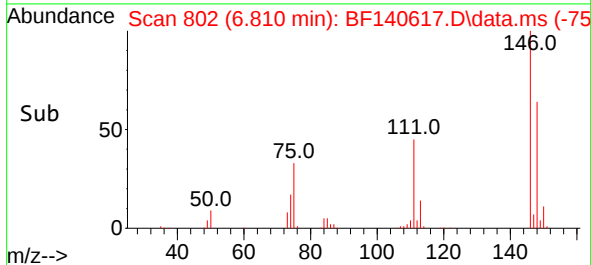
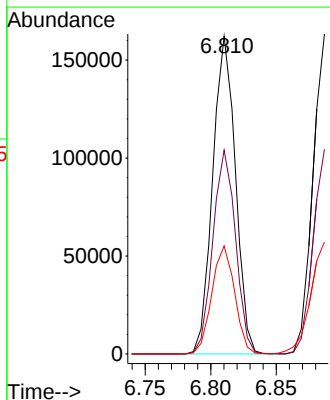
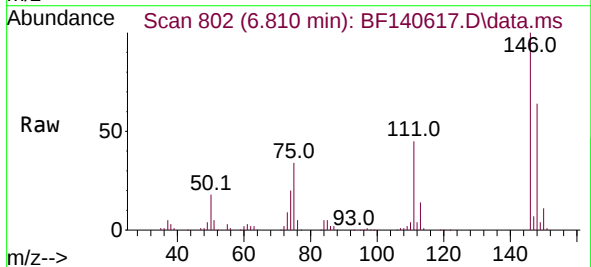
Manual Integrations
APPROVED

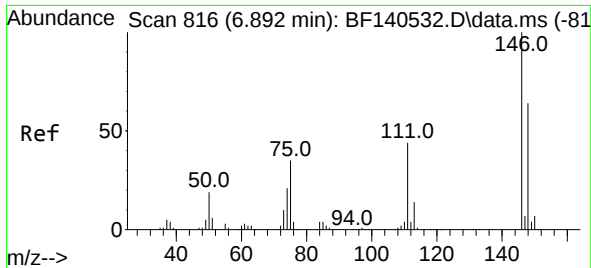
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 50.518 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:146 Resp: 195075
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 34.0 28.2 42.2





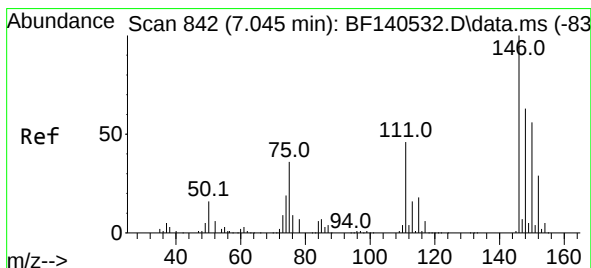
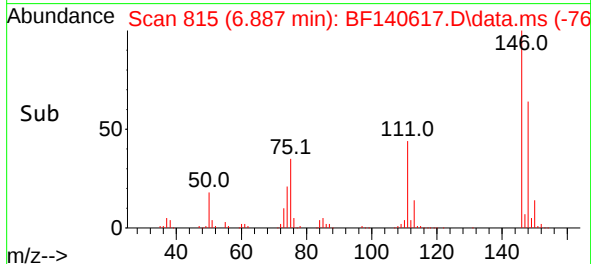
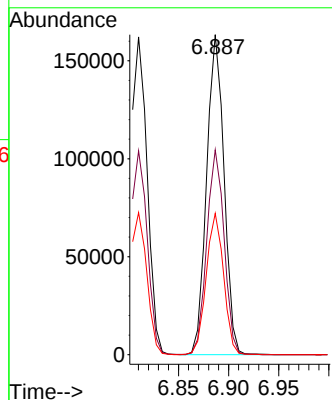
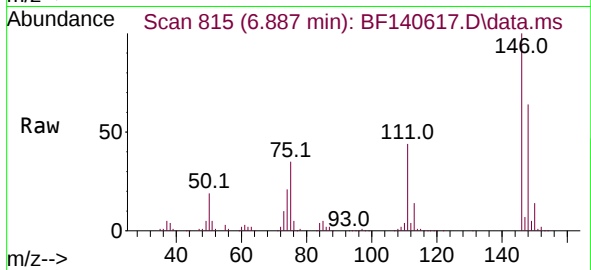
#13
1,4-Dichlorobenzene
Concen: 50.576 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:146 Resp: 197749
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.2 35.3 52.9

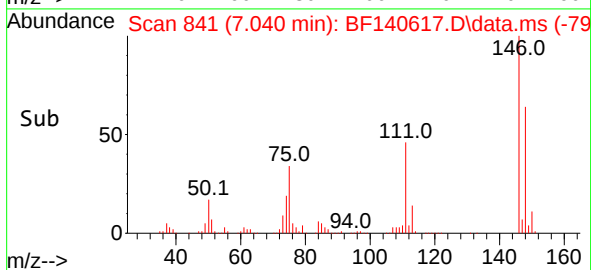
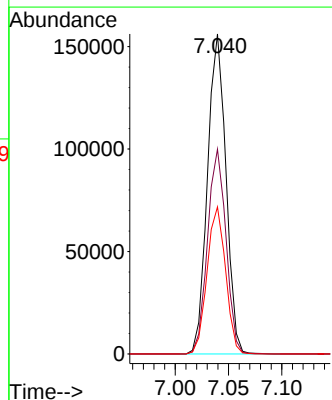
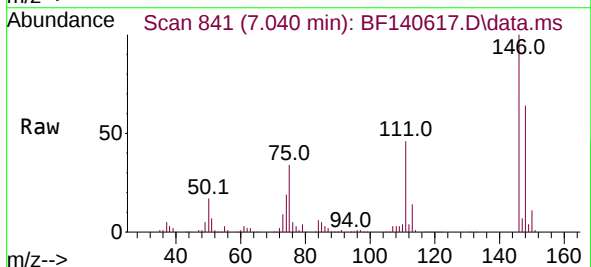
Manual Integrations
APPROVED

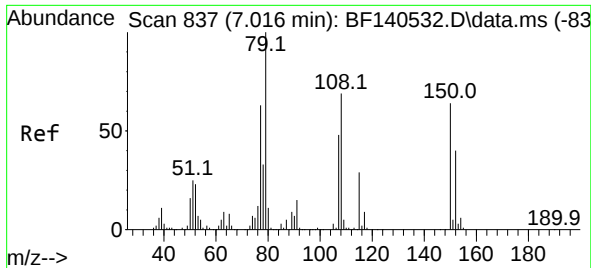
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 51.386 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:146 Resp: 188262
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 46.0 36.7 55.1





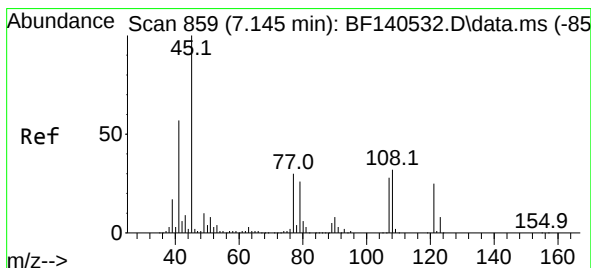
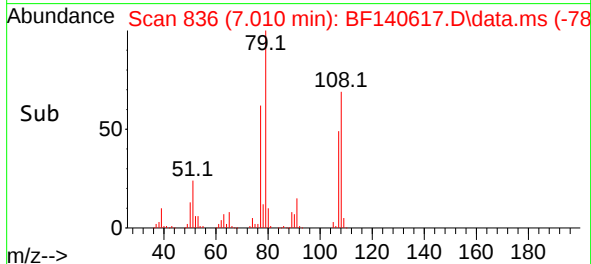
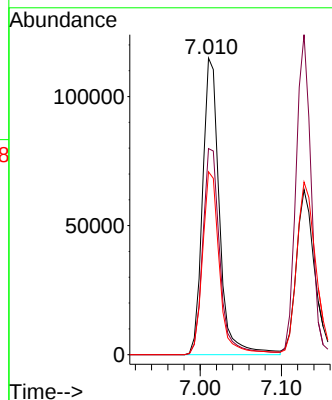
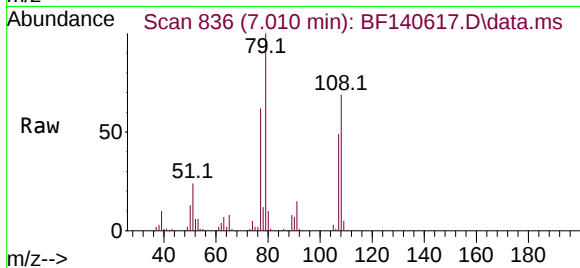
#15
Benzyl Alcohol
Concen: 52.997 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion: 79 Resp: 16596
Ion Ratio Lower Upper
79 100
108 69.5 55.0 82.6
77 61.7 50.1 75.1

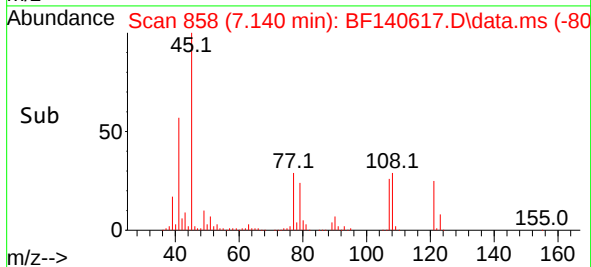
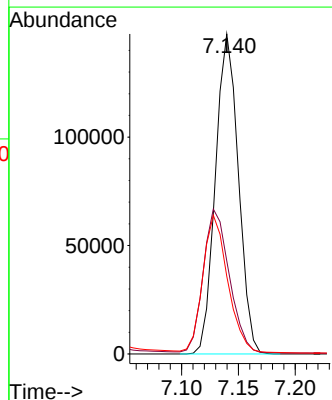
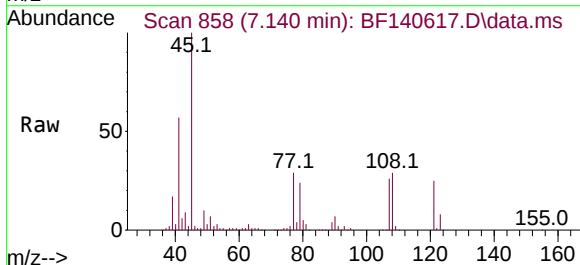
Manual Integrations
APPROVED

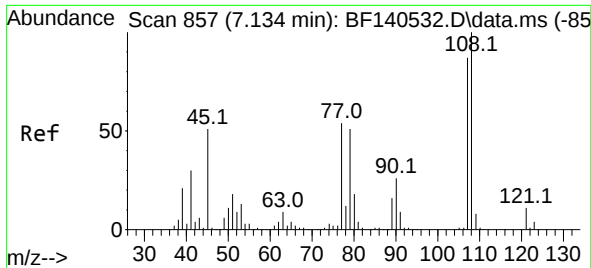
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.132 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion: 45 Resp: 207147
Ion Ratio Lower Upper
45 100
77 29.1 10.7 50.7
79 24.3 7.0 47.0





#17
2-Methylphenol
Concen: 52.511 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

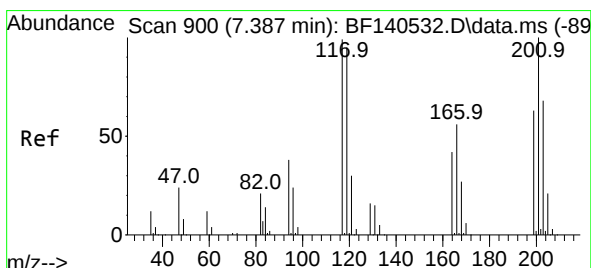
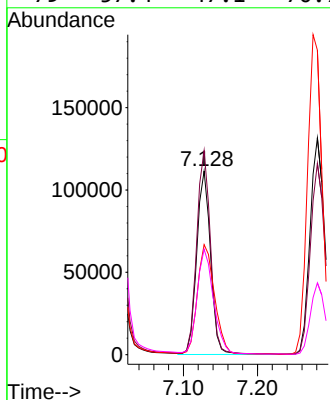
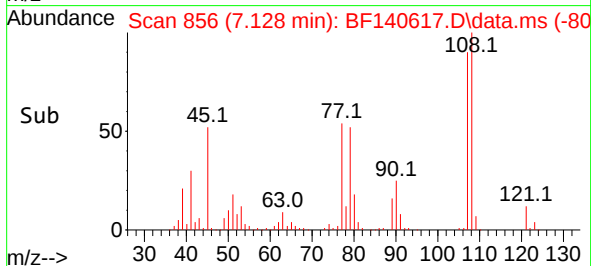
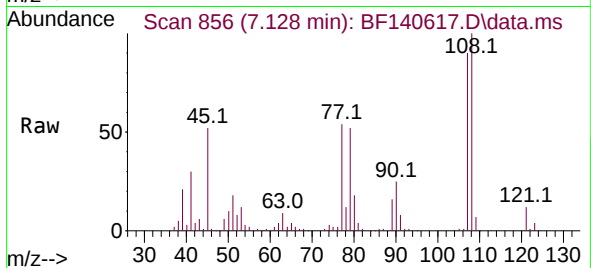
PH2-BOT-006MSD

Tgt Ion:107 Resp: 144454
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 60.0 49.3 73.9
79 57.4 47.1 70.7

Manual Integrations

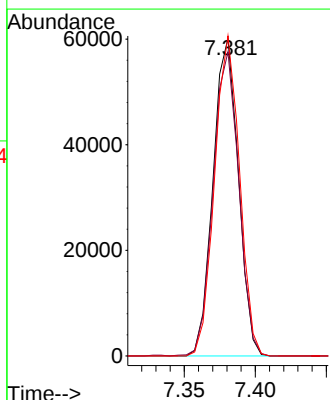
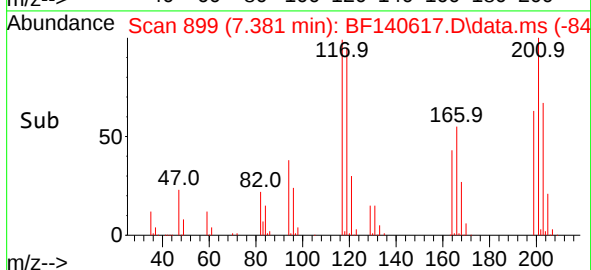
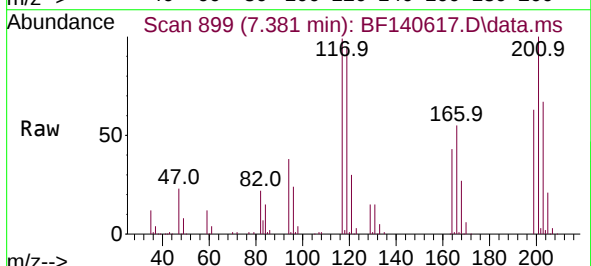
APPROVED

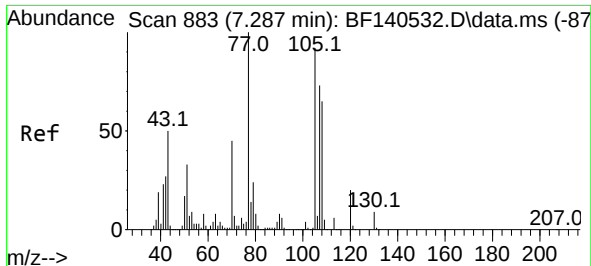
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 50.921 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:117 Resp: 74360
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 100.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 50.917 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion: 70 Resp: 127074

Ion Ratio Lower Upper

70 100

42 56.9 47.6 71.4

101 10.0 7.6 11.4

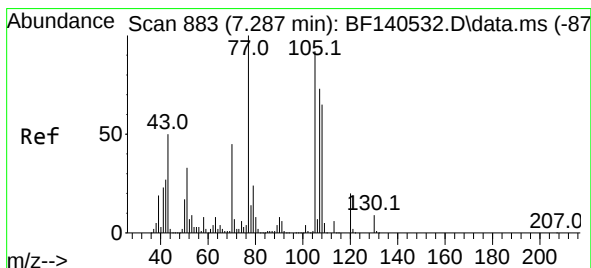
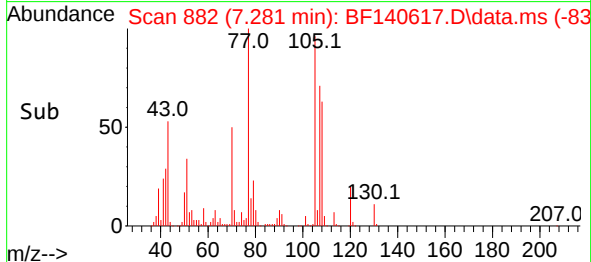
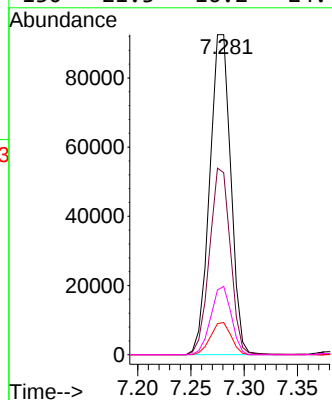
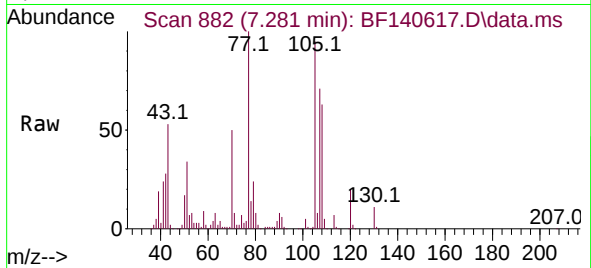
130 21.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 52.776 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:107 Resp: 186609

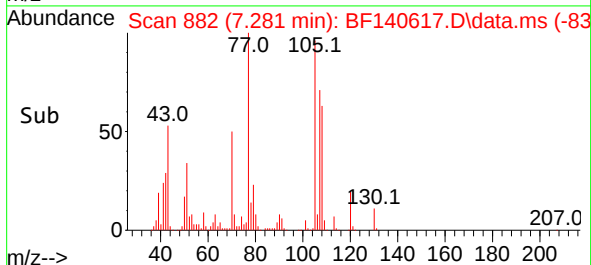
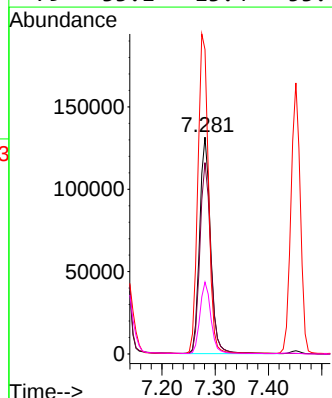
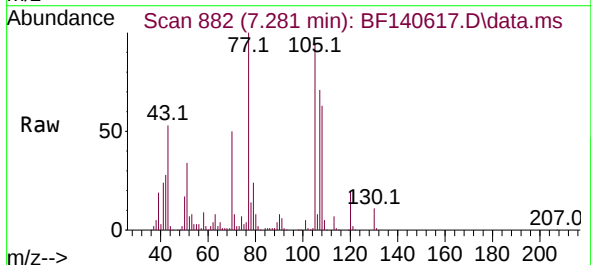
Ion Ratio Lower Upper

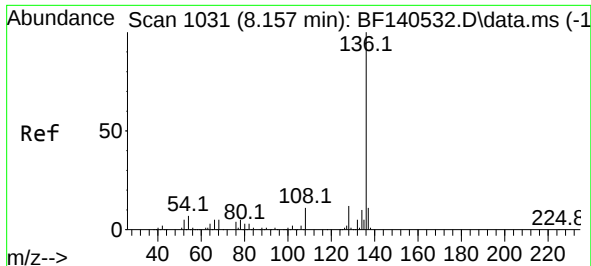
107 100

108 88.2 69.9 109.9

77 140.4 117.7 157.7

79 33.1 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

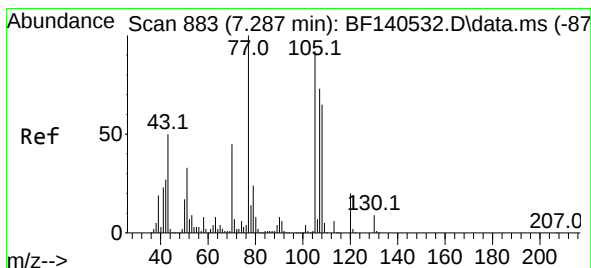
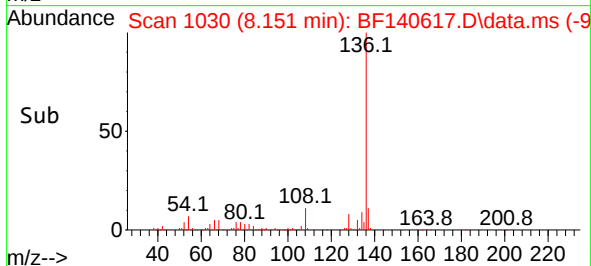
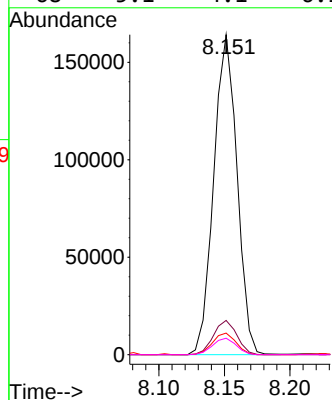
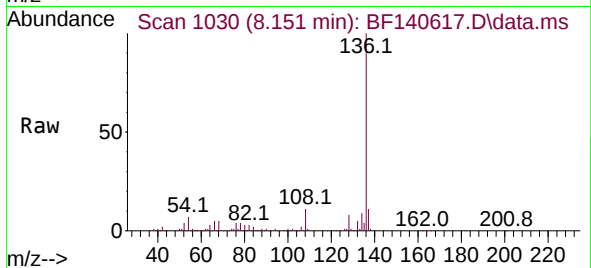
Tgt Ion:136 Resp: 20261
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

APPROVED

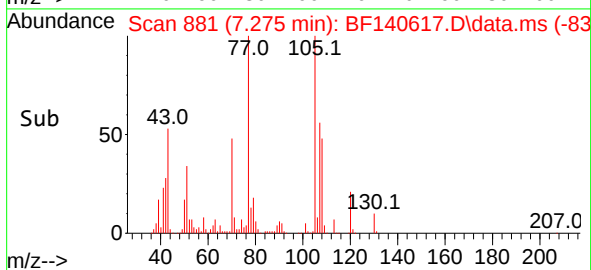
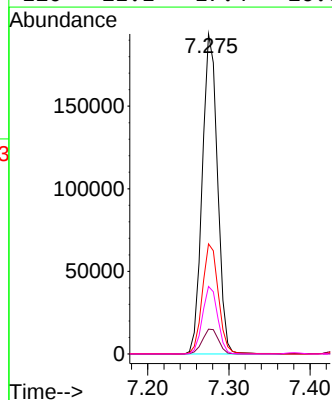
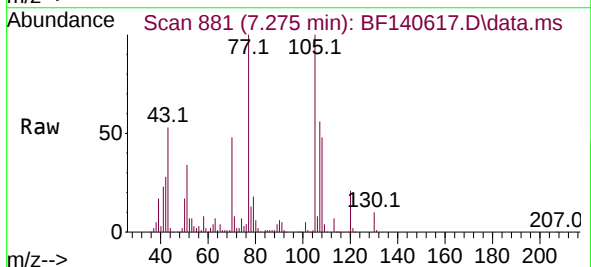
Reviewed By :Yogesh Patel 11/27/2024

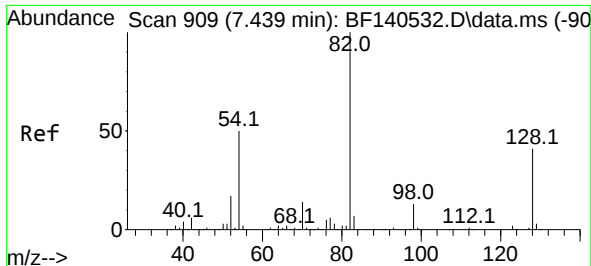
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 51.168 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:105 Resp: 252749
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 34.4 29.0 43.6
120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.426 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion: 82 Resp: 310654

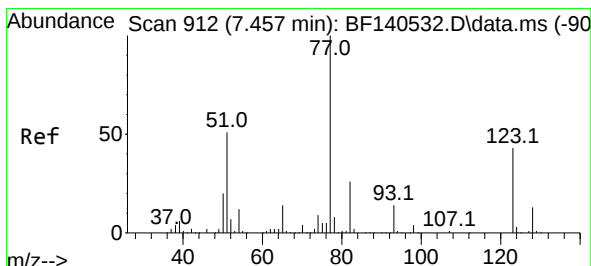
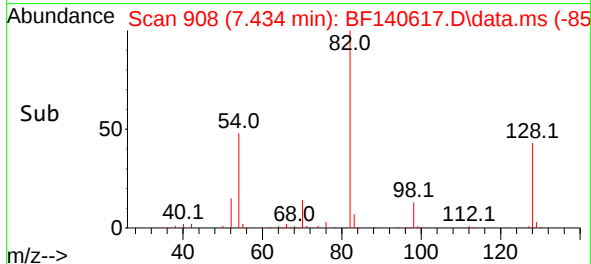
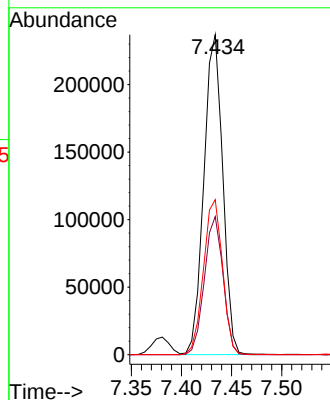
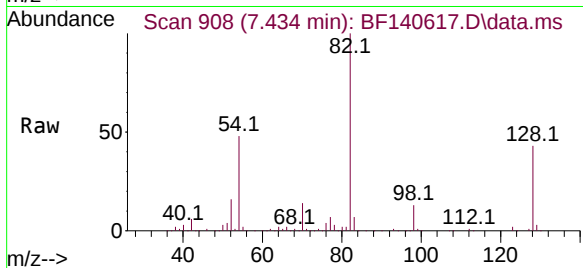
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	48.5	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 48.774 ng

RT: 7.451 min Scan# 911

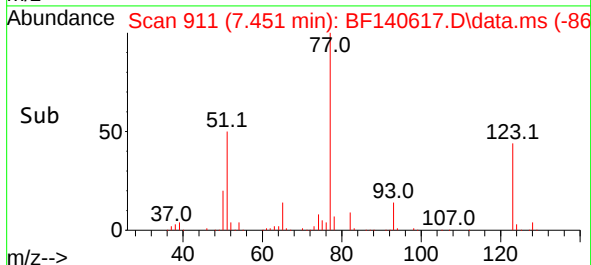
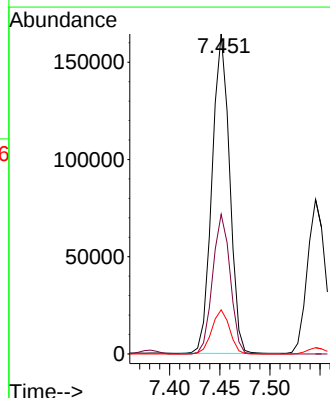
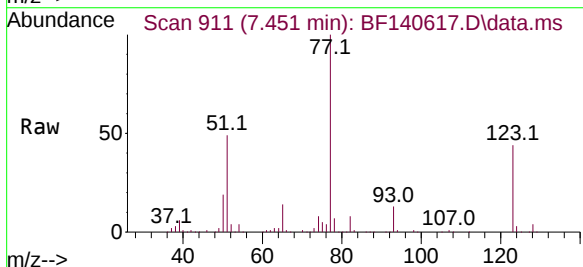
Delta R.T. -0.006 min

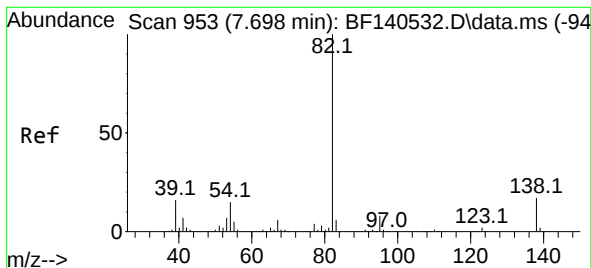
Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion: 77 Resp: 199678

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.3	51.5
65	13.8	11.2	16.8





#25

Isophorone

Concen: 51.643 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

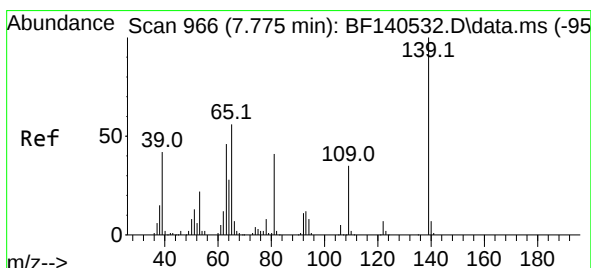
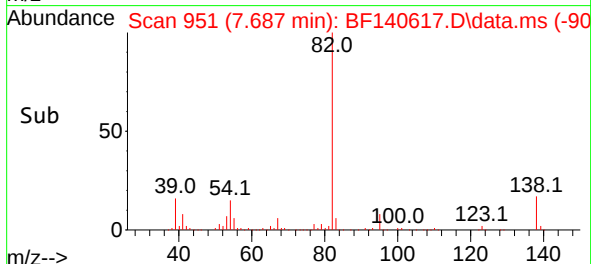
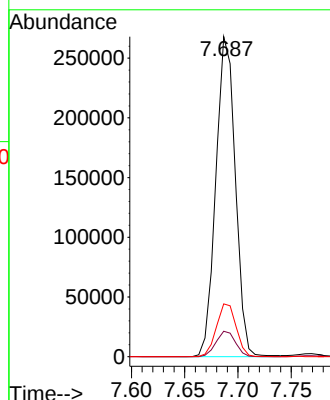
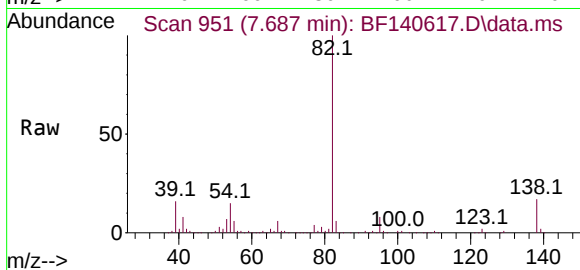
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion: 82 Resp: 341198
 Ion Ratio Lower Upper
 82 100
 95 8.0 6.4 9.6
 138 16.5 13.8 20.6

Manual Integrations
 APPROVED

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



#26

2-Nitrophenol

Concen: 52.320 ng

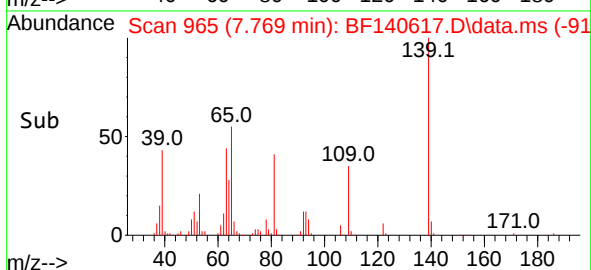
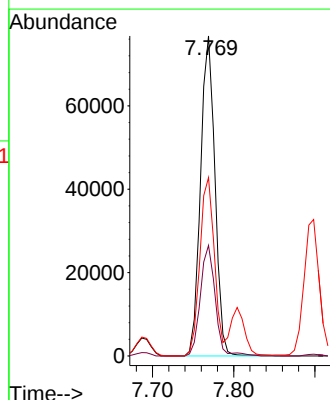
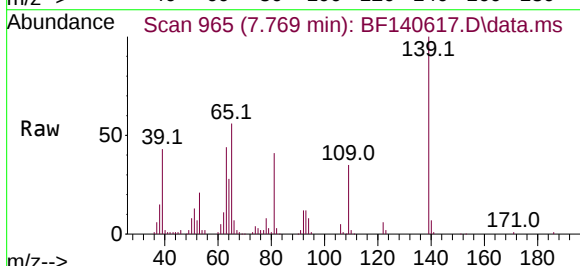
RT: 7.769 min Scan# 965

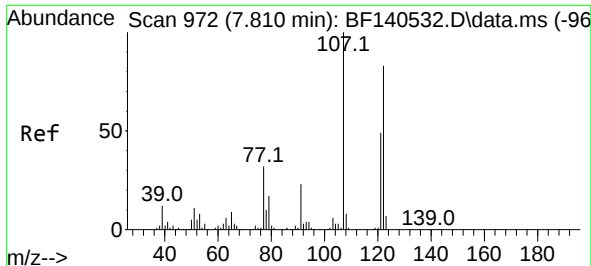
Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

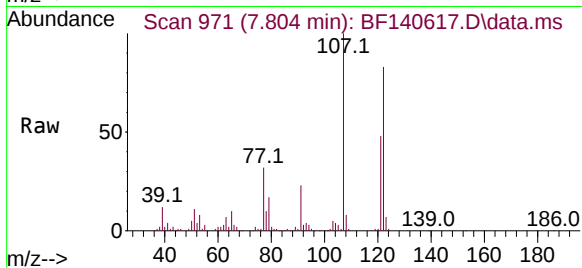
Tgt Ion:139 Resp: 94922
 Ion Ratio Lower Upper
 139 100
 109 34.6 28.0 42.0
 65 55.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 60.938 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

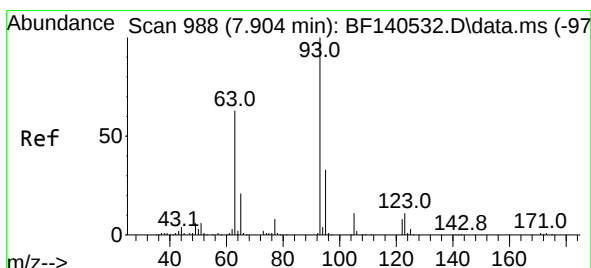
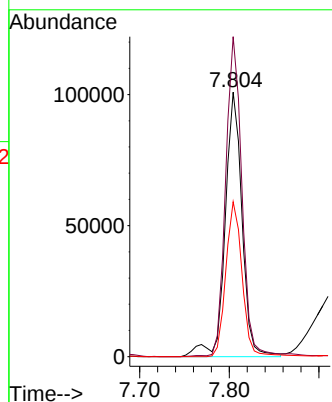
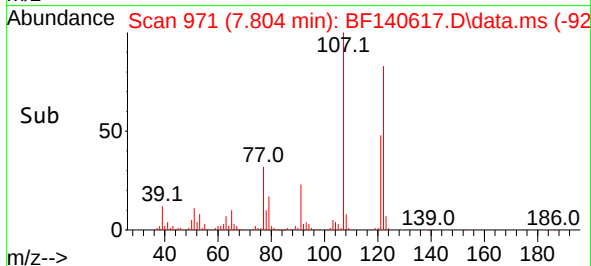
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



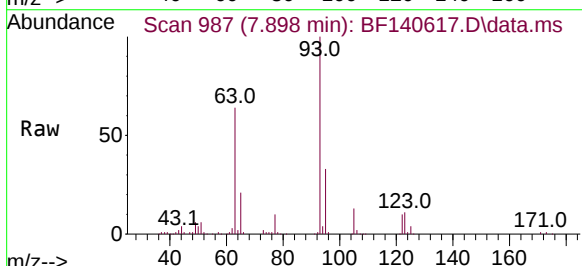
Tgt Ion:122 Resp: 132279
Ion Ratio Lower Upper
122 100
107 121.0 96.8 145.2
121 58.6 47.4 71.0

Manual Integrations
APPROVED

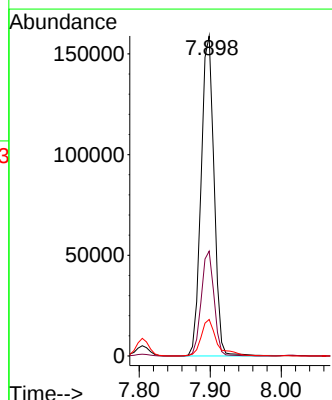
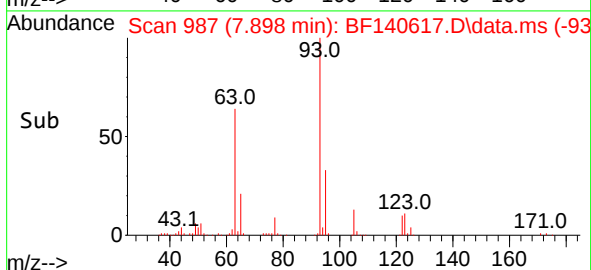
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

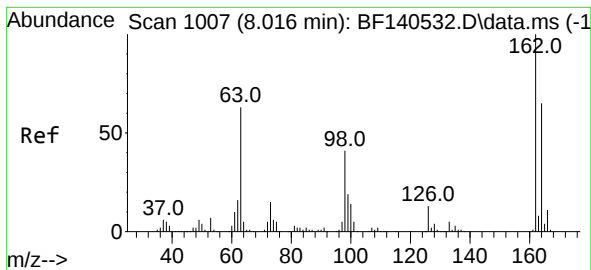


#28
bis(2-Chloroethoxy)methane
Concen: 50.345 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



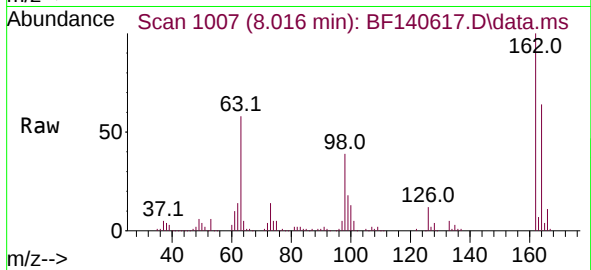
Tgt Ion: 93 Resp: 202636
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.4 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 52.647 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

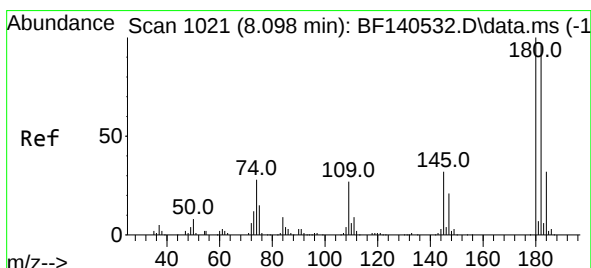
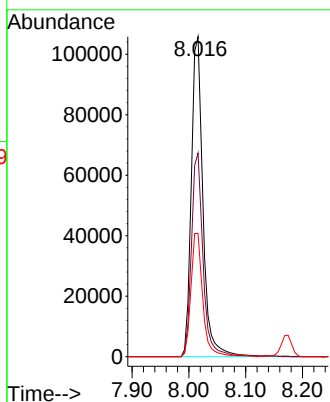
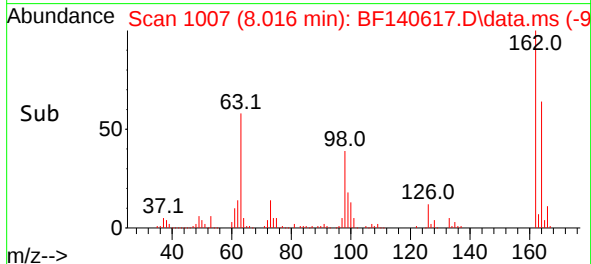
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



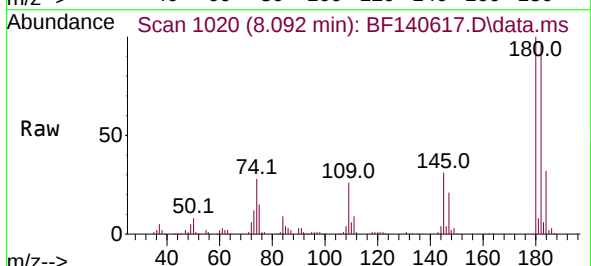
Tgt Ion:162 Resp: 15143
Ion Ratio Lower Upper
162 100
164 63.7 44.8 84.8
98 38.5 21.2 61.2

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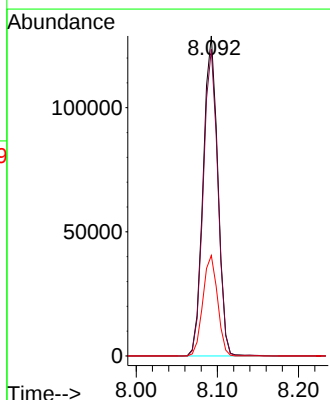
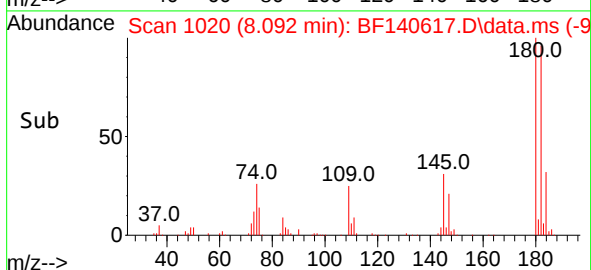
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

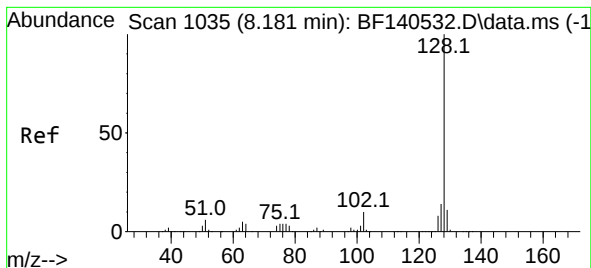


#30
1,2,4-Trichlorobenzene
Concen: 48.994 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:180 Resp: 160905
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 31.4 25.9 38.9





#31

Naphthalene

Concen: 50.721 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:128 Resp: 529338

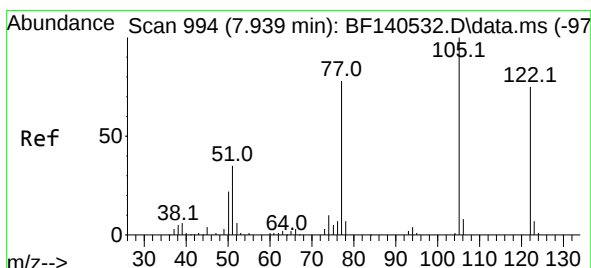
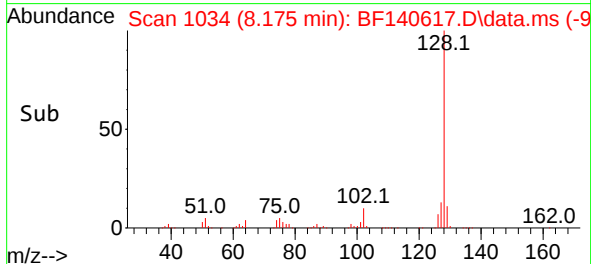
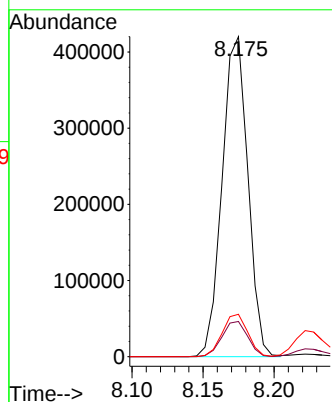
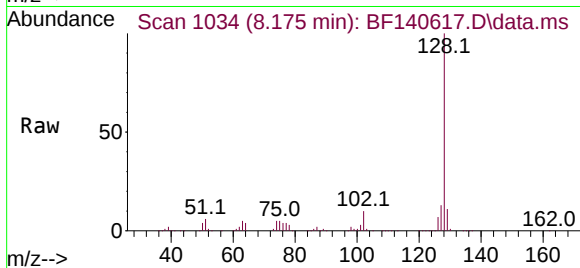
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#32

Benzoic acid

Concen: 46.143 ng

RT: 7.928 min Scan# 992

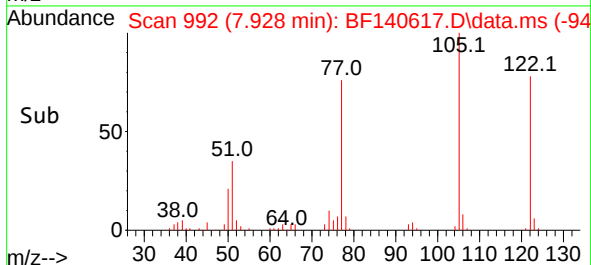
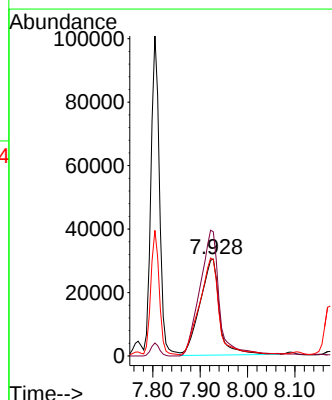
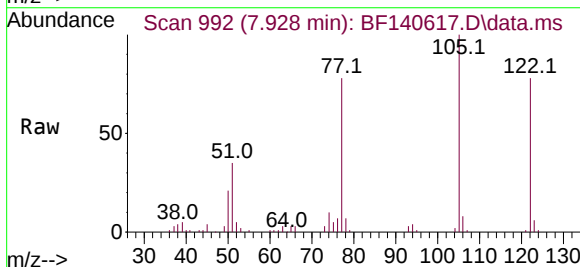
Delta R.T. -0.011 min

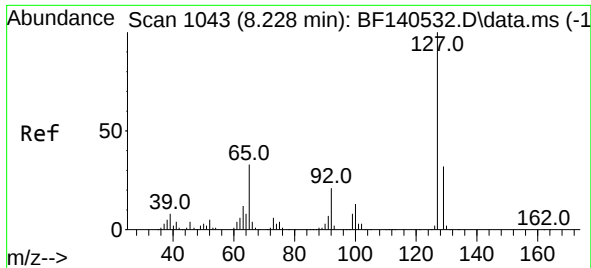
Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:122 Resp: 86545

Ion	Ratio	Lower	Upper
122	100		
105	128.2	109.3	149.3
77	99.6	82.3	122.3





#33
4-Chloroaniline
Concen: 18.583 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

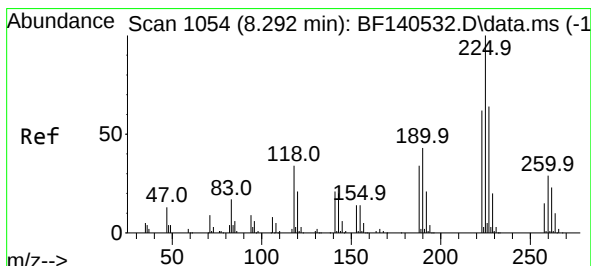
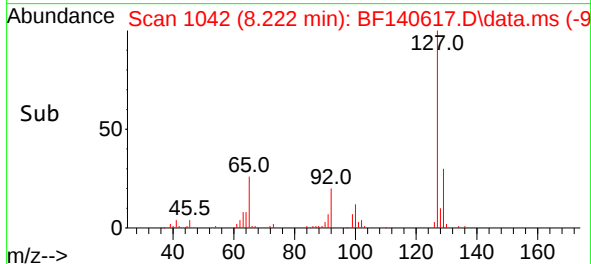
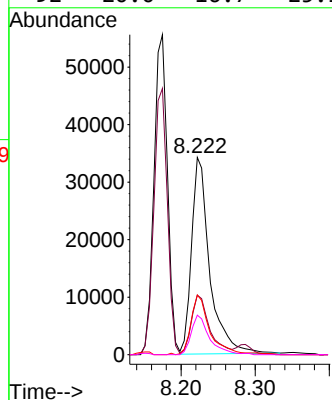
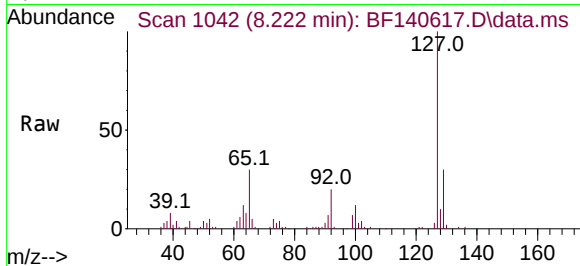
PH2-BOT-006MSD

Tgt Ion:127 Resp: 5806
Ion Ratio Lower Upper
127 100
129 30.2 26.0 39.0
65 30.3 26.0 39.0
92 20.0 16.7 25.1

Manual Integrations

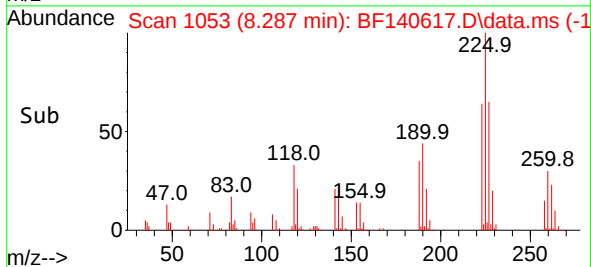
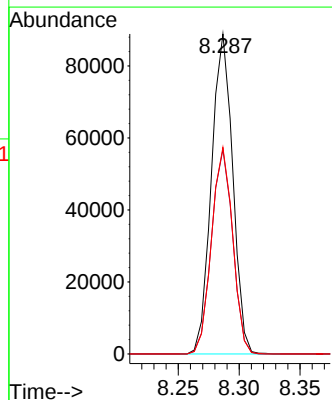
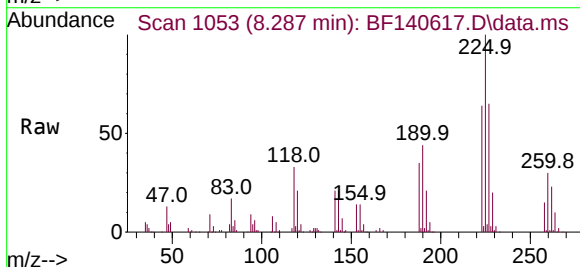
APPROVED

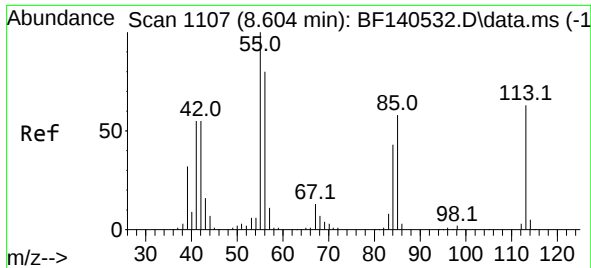
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 49.624 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:225 Resp: 107947
Ion Ratio Lower Upper
225 100
223 63.9 49.8 74.8
227 64.5 51.3 76.9





#35
Caprolactam
Concen: 53.771 ng m
RT: 8.581 min Scan# 1107
Delta R.T. -0.023 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

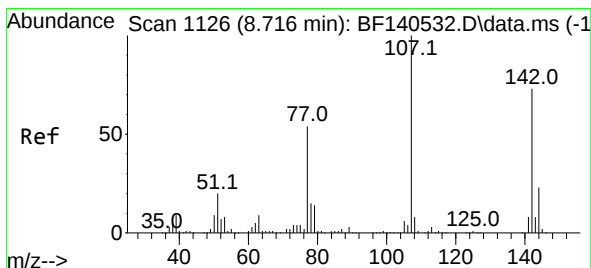
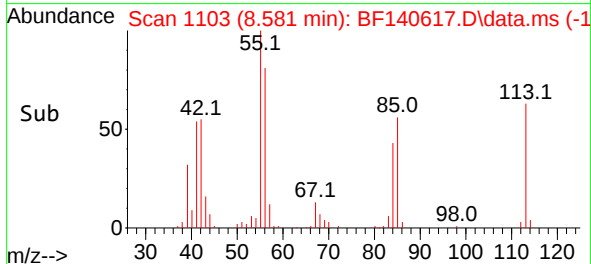
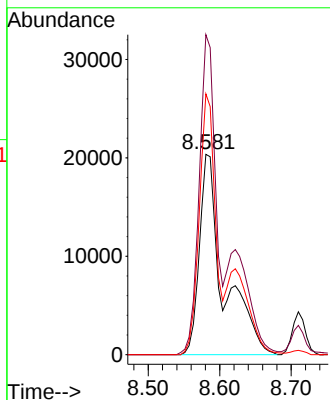
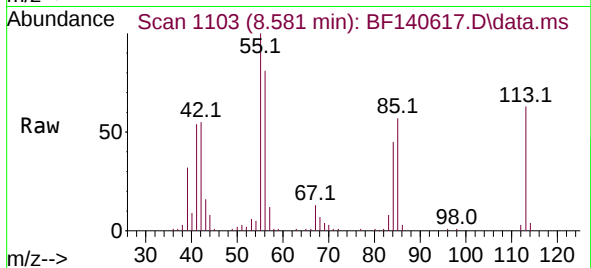
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:113 Resp: 47864
Ion Ratio Lower Upper
113 100
55 159.7 137.7 177.7
56 130.1 106.4 146.4

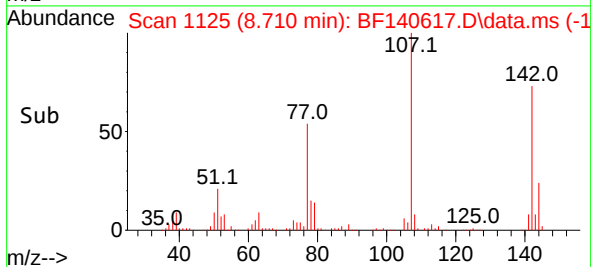
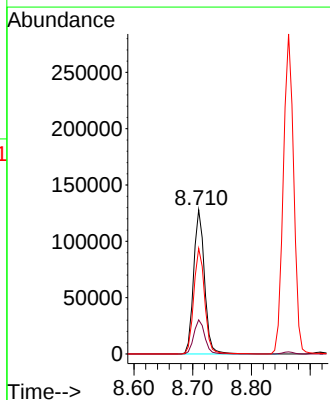
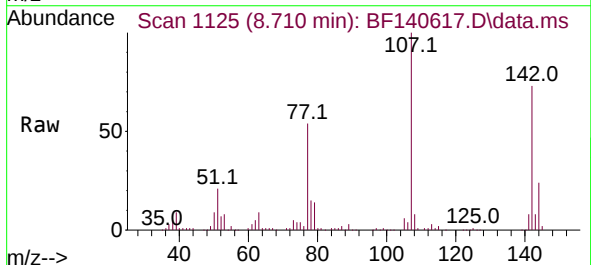
Manual Integrations
APPROVED

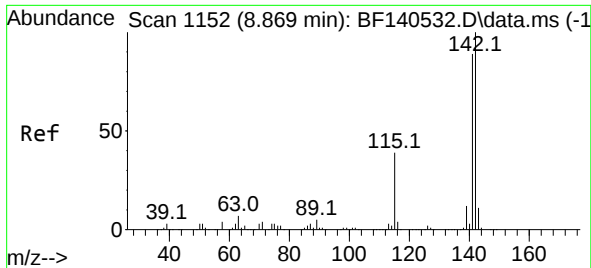
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 51.144 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:107 Resp: 164708
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.3 58.3 87.5





#37
2-Methylnaphthalene
Concen: 52.651 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

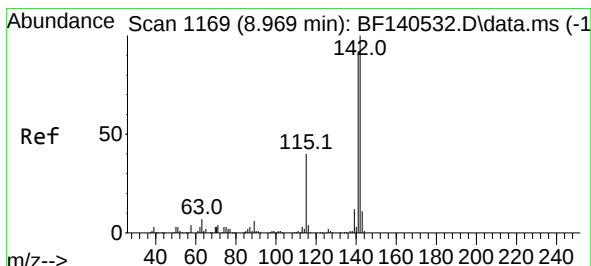
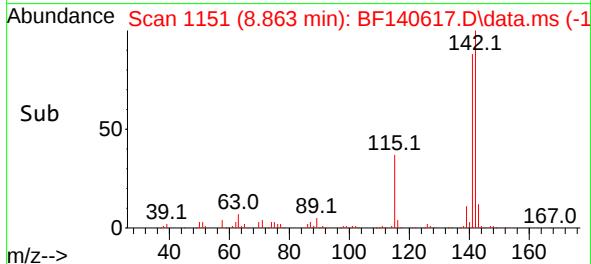
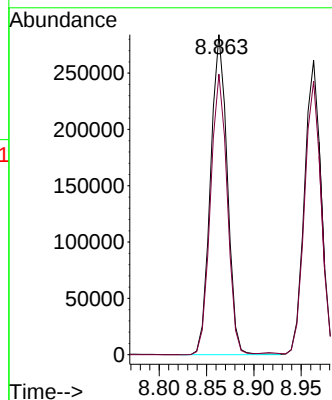
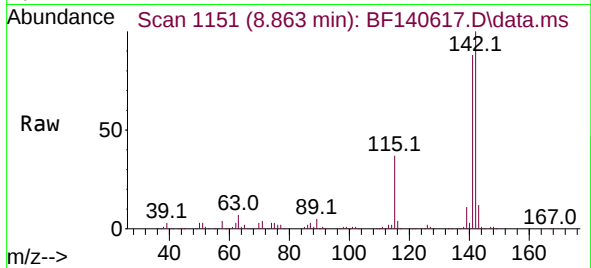
PH2-BOT-006MSD

Tgt Ion:142 Resp: 34900
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6

Manual Integrations

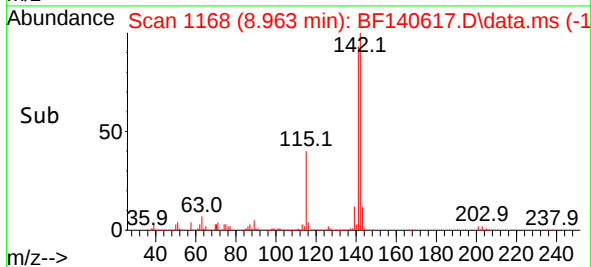
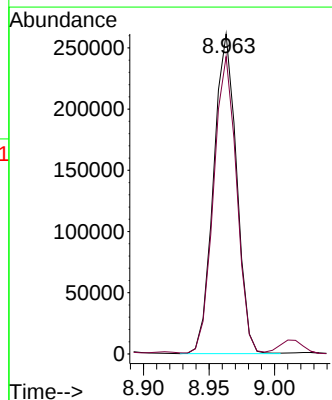
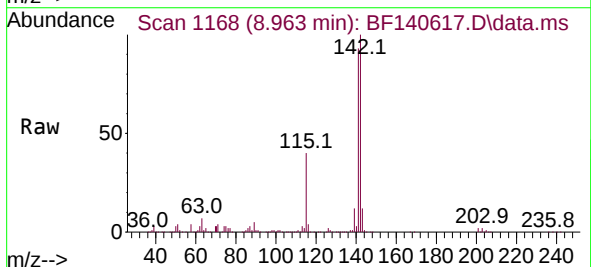
APPROVED

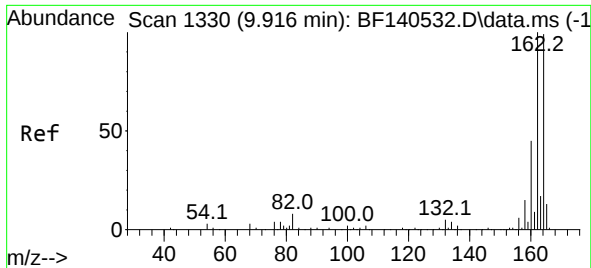
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 48.899 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:142 Resp: 317721
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

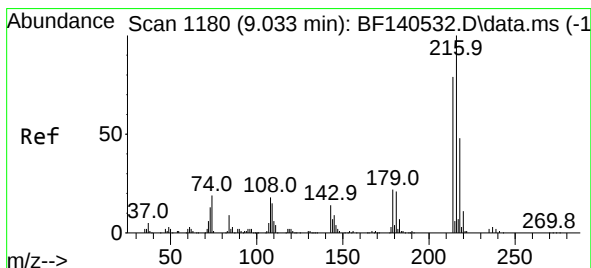
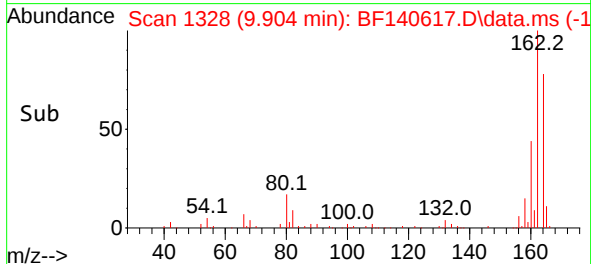
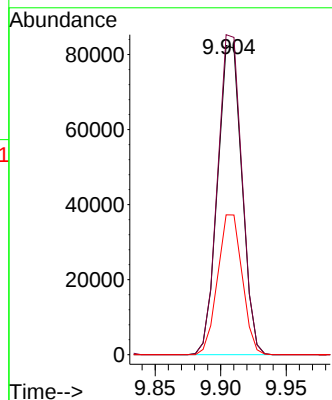
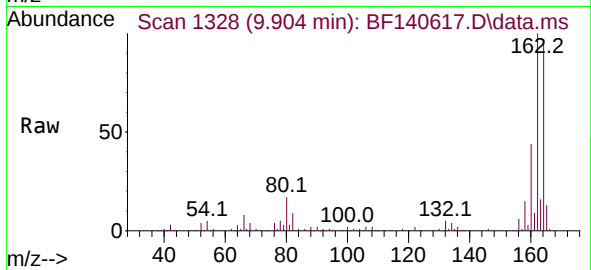
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:164 Resp: 10660
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 45.2 36.2 54.4

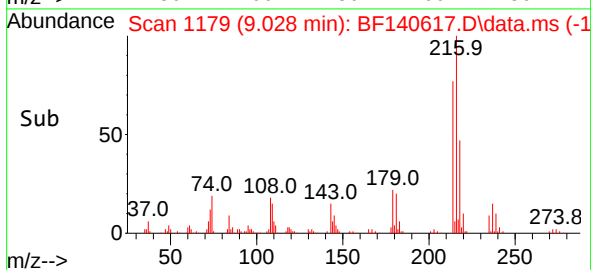
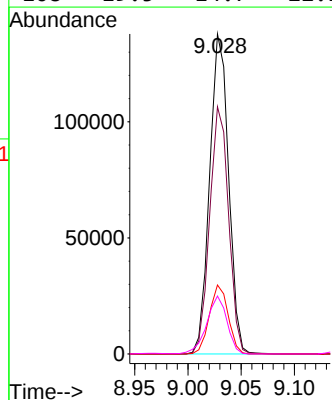
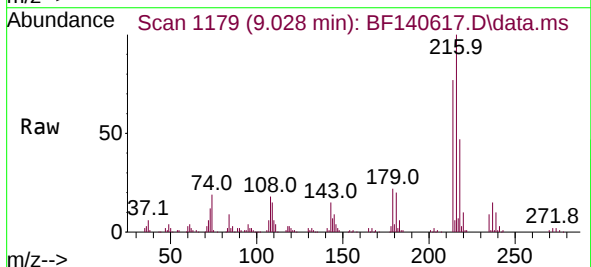
Manual Integrations
APPROVED

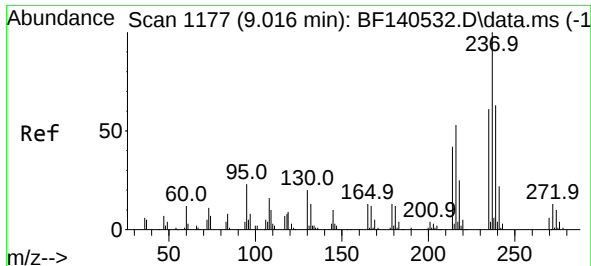
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.705 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

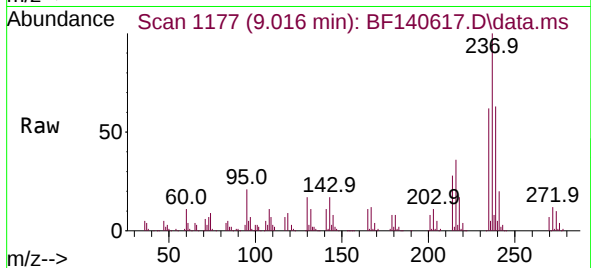
Tgt Ion:216 Resp: 170729
Ion Ratio Lower Upper
216 100
214 77.1 63.0 94.4
179 21.4 17.5 26.3
108 19.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 163.611 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

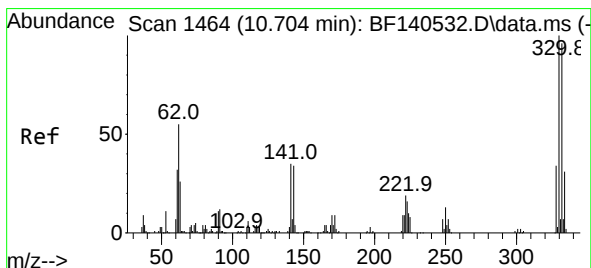
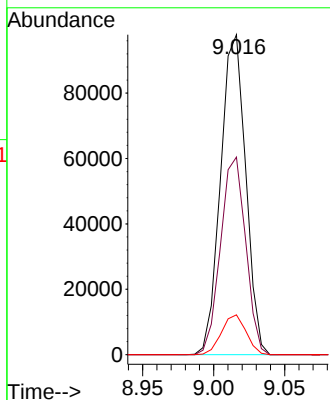
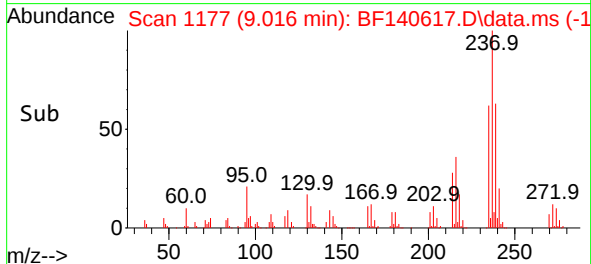
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



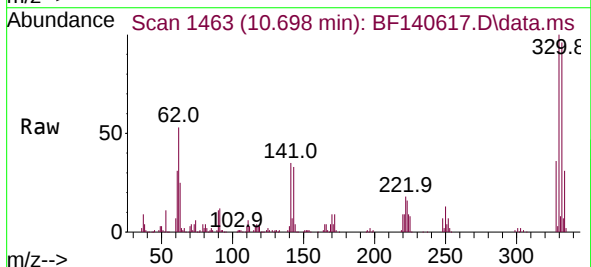
Tgt Ion:237 Resp: 120658
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.4 0.0 32.6

Manual Integrations
APPROVED

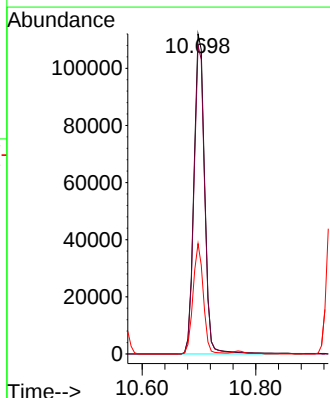
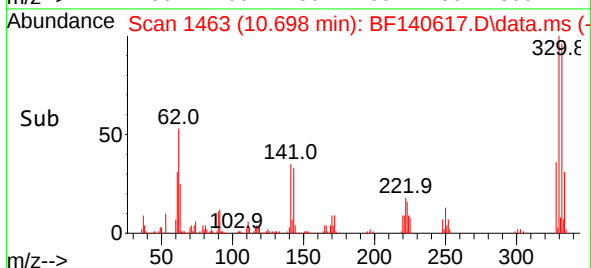
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

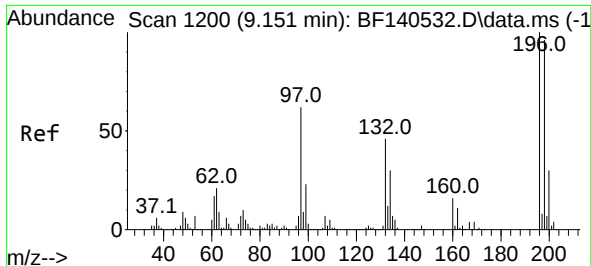


#42
2,4,6-Tribromophenol
Concen: 129.605 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:330 Resp: 147772
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.0 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 53.840 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

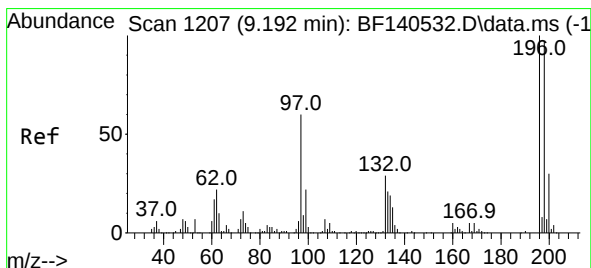
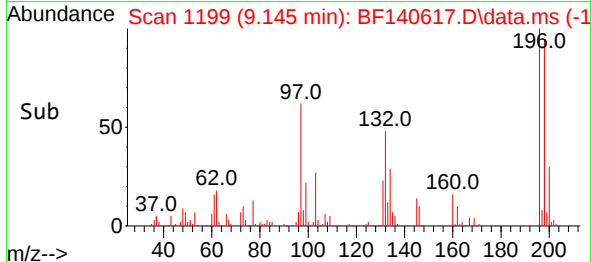
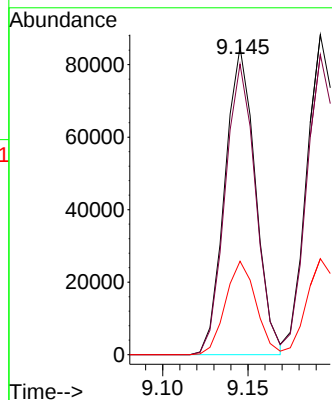
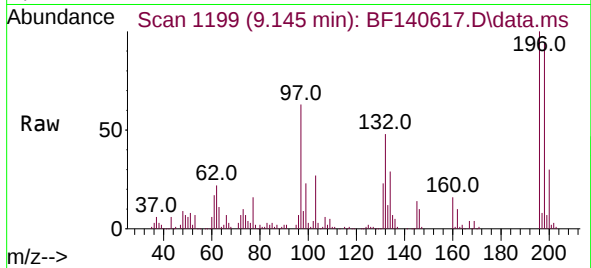
PH2-BOT-006MSD

Tgt Ion:196 Resp: 10543
Ion Ratio Lower Upper
196 100
198 94.4 76.8 115.2
200 30.4 24.3 36.5

Manual Integrations

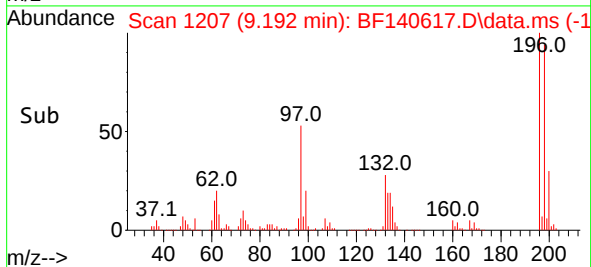
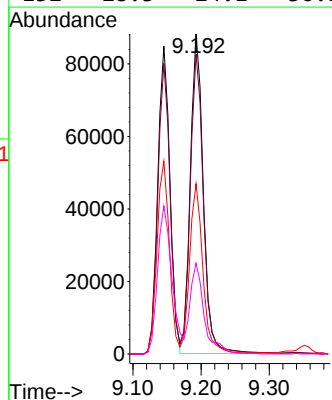
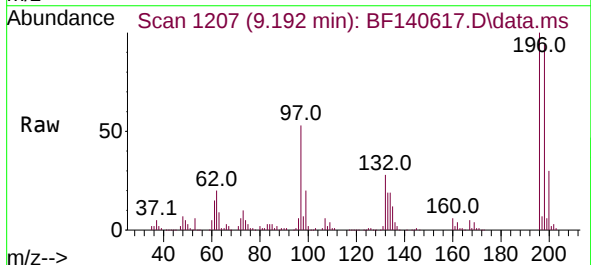
APPROVED

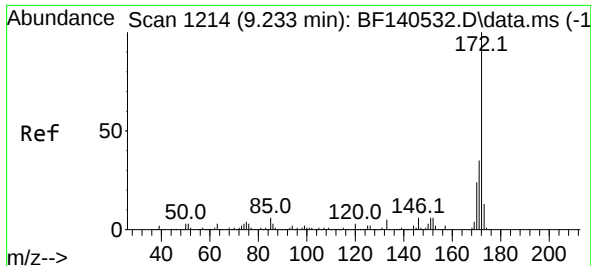
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 54.653 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:196 Resp: 116157
Ion Ratio Lower Upper
196 100
198 93.8 77.2 115.8
97 53.2 47.1 70.7
132 28.3 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 84.750 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:172 Resp: 60639

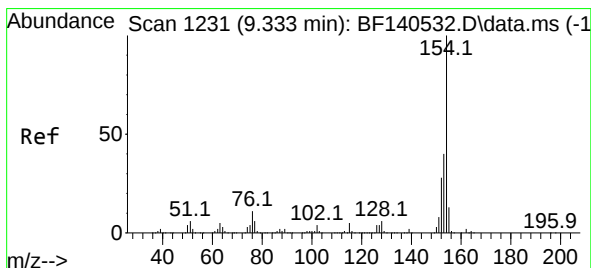
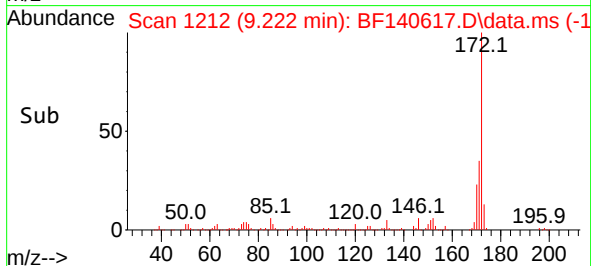
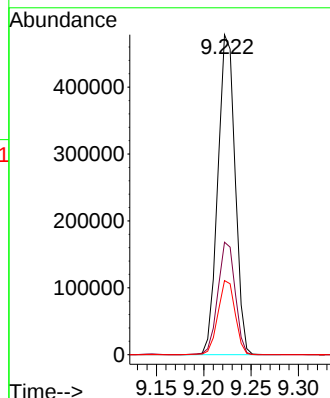
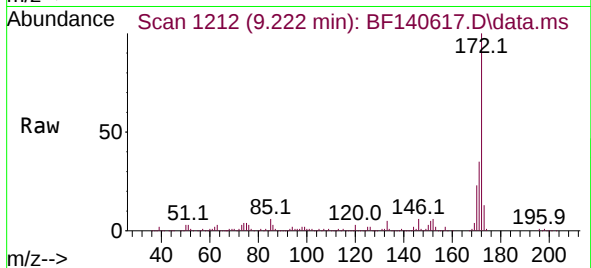
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.2	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 54.213 ng

RT: 9.328 min Scan# 1230

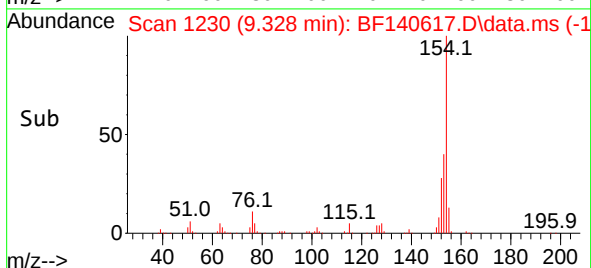
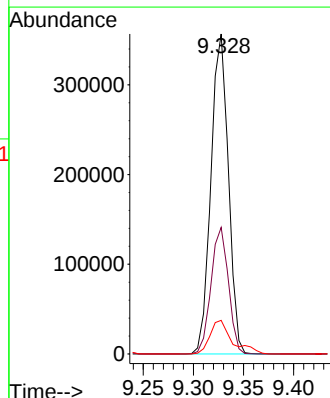
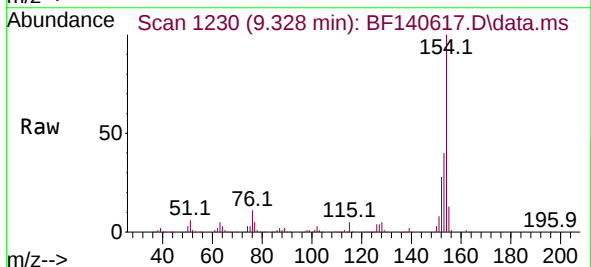
Delta R.T. -0.006 min

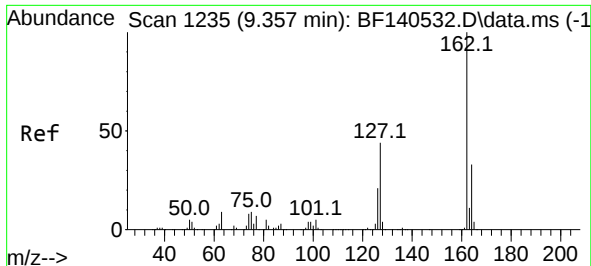
Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:154 Resp: 431505

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.4	60.4
76	10.5	0.0	31.2





#47

2-Chloronaphthalene

Concen: 53.189 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

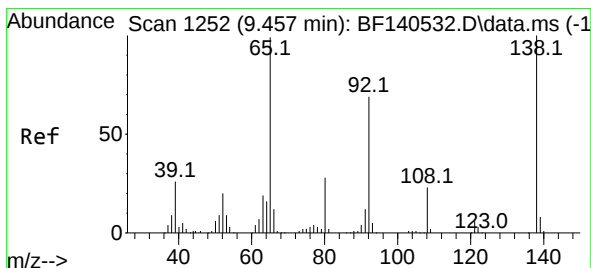
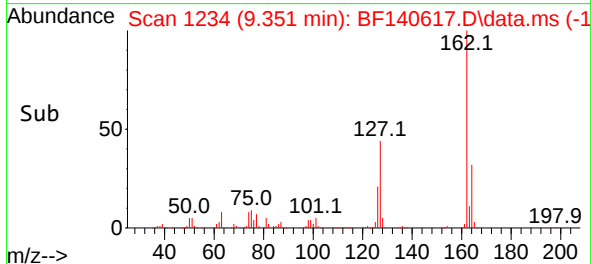
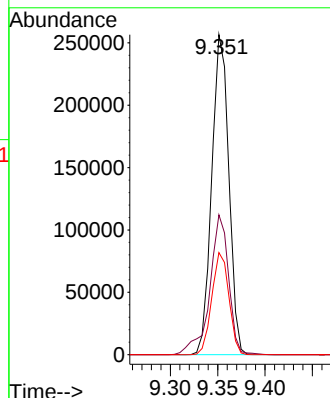
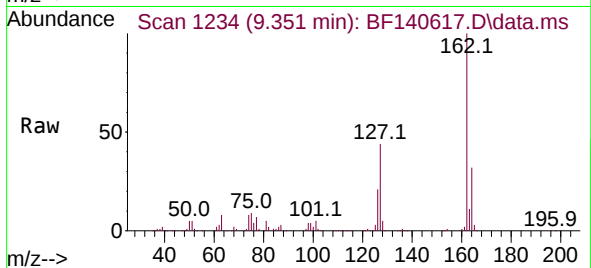
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:162 Resp: 32078
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.7 53.5
 164 31.9 26.1 39.1

Manual Integrations
 APPROVED

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



#48

2-Nitroaniline

Concen: 54.451 ng

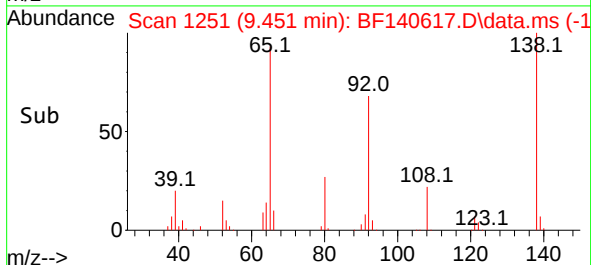
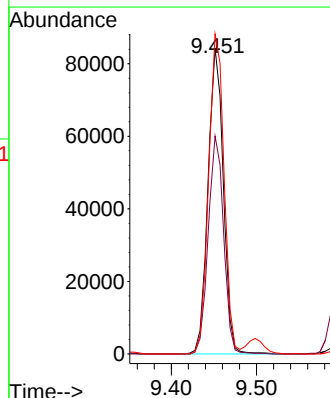
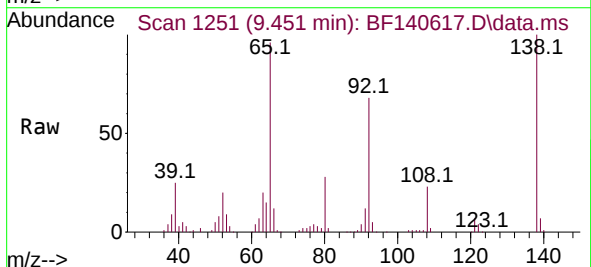
RT: 9.451 min Scan# 1251

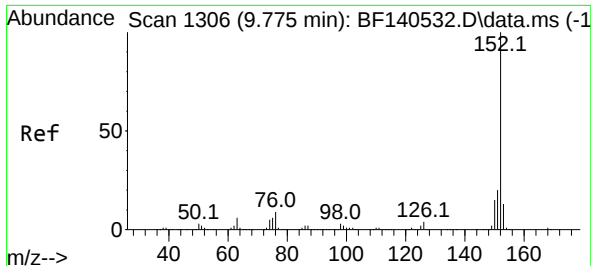
Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion: 65 Resp: 105407
 Ion Ratio Lower Upper
 65 100
 92 71.3 56.1 84.1
 138 104.7 81.0 121.6





#49
Acenaphthylene
Concen: 57.517 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

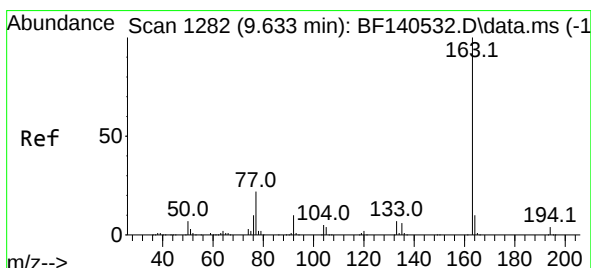
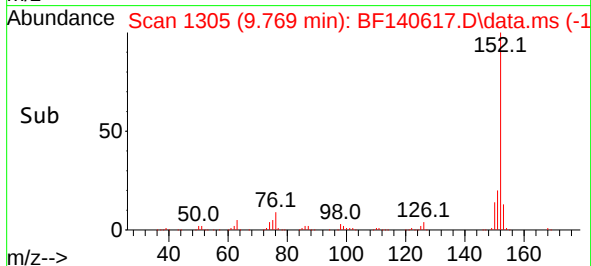
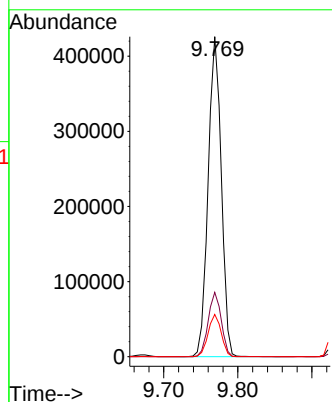
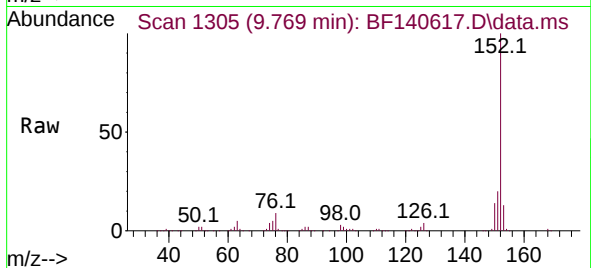
PH2-BOT-006MSD

Tgt Ion:152 Resp: 524115
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

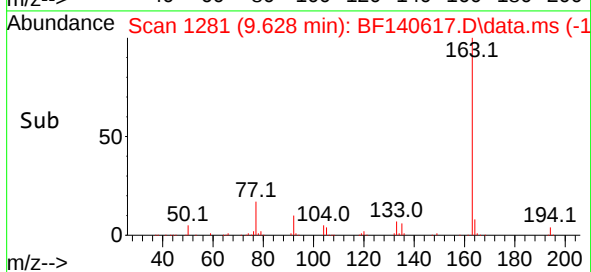
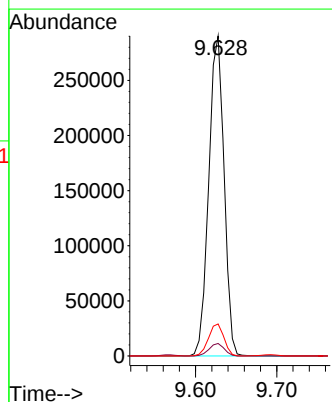
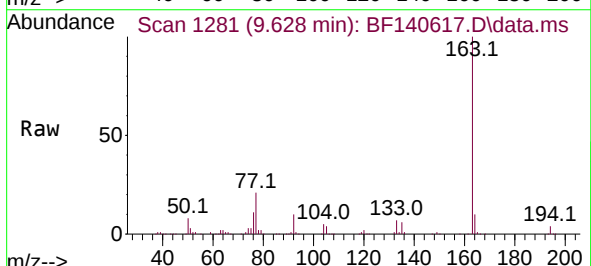
APPROVED

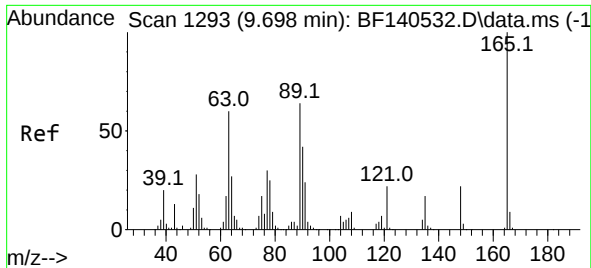
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 54.088 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:163 Resp: 379759
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.856 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

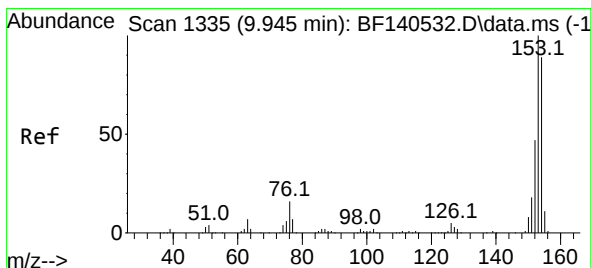
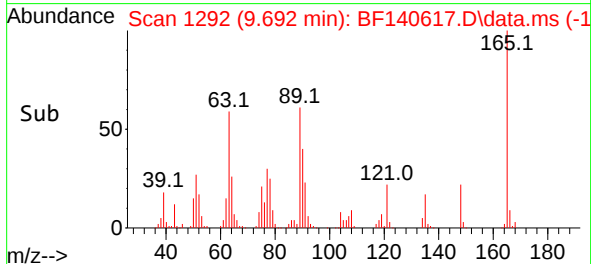
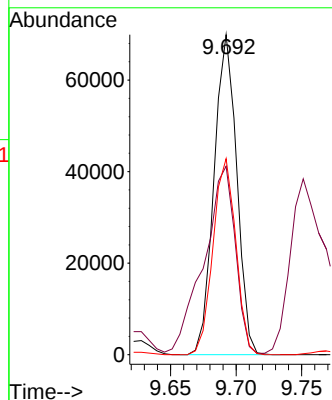
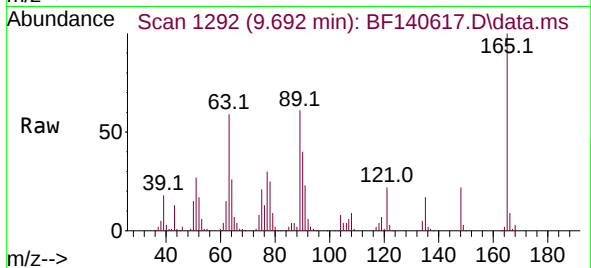
PH2-BOT-006MSD

Tgt Ion:165 Resp: 8416
Ion Ratio Lower Upper
165 100
63 58.9 49.9 74.9
89 61.2 50.9 76.3

Manual Integrations

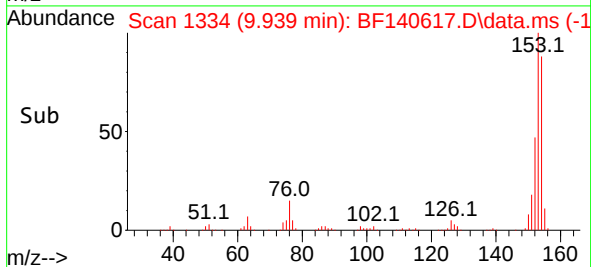
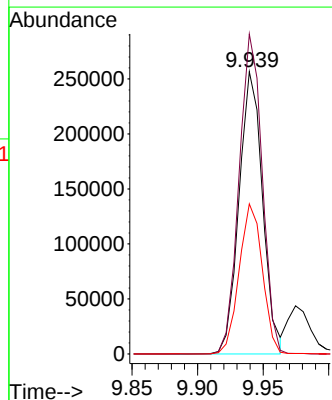
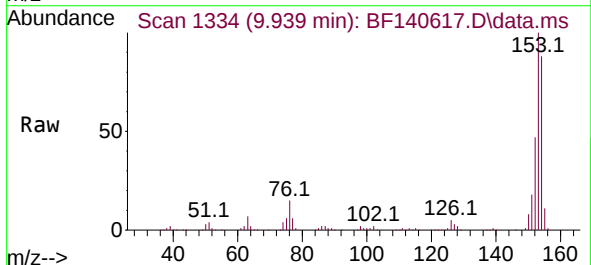
APPROVED

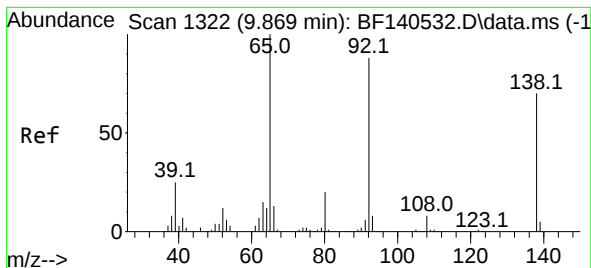
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 55.406 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:154 Resp: 320800
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.2 42.5 63.7





#53
3-Nitroaniline
Concen: 31.462 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

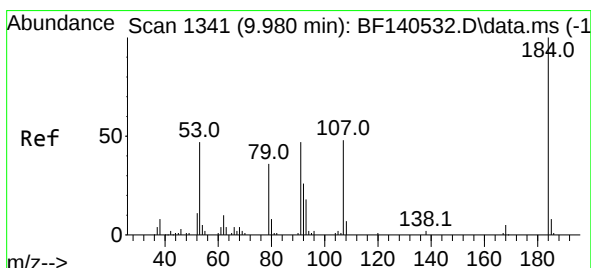
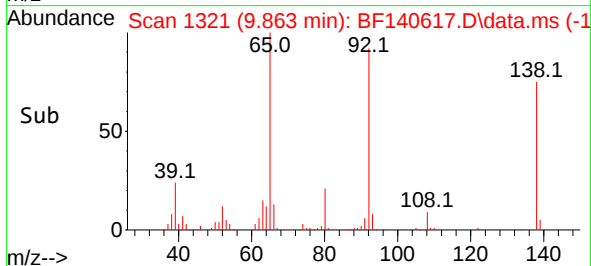
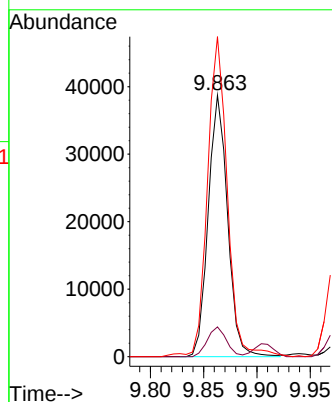
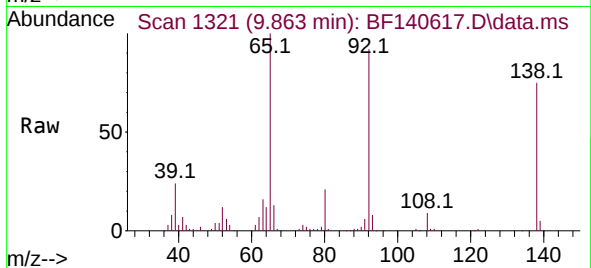
PH2-BOT-006MSD

Tgt Ion:138 Resp: 48999
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 122.4 100.6 150.8

Manual Integrations

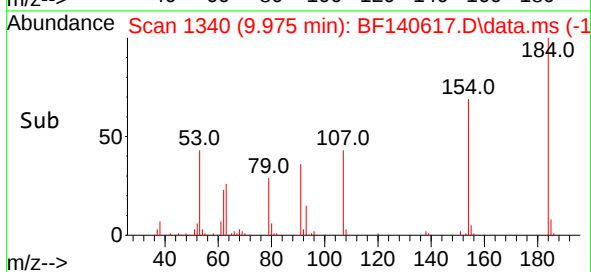
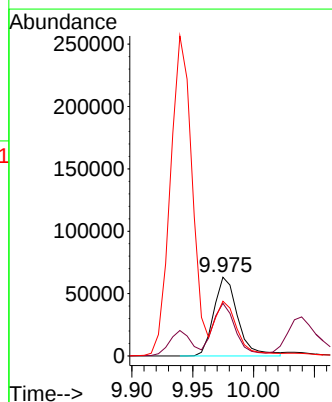
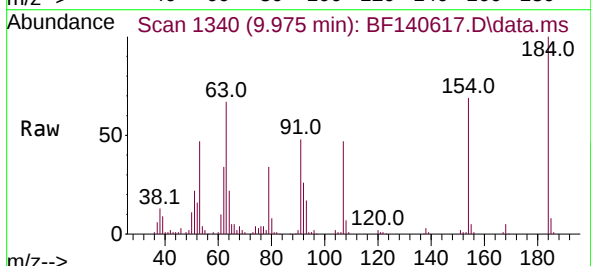
APPROVED

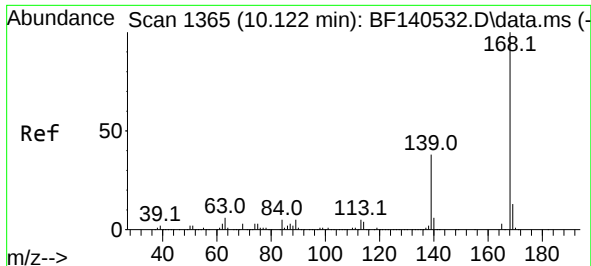
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 103.091 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

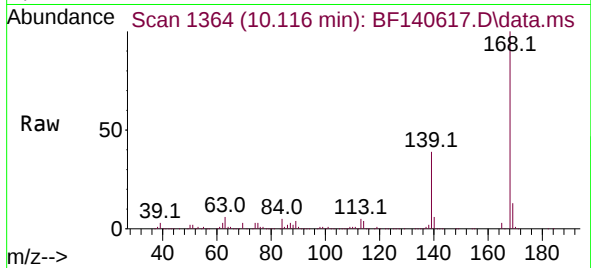
Tgt Ion:184 Resp: 87081
Ion Ratio Lower Upper
184 100
63 66.9 54.1 81.1
154 69.5 57.4 86.0





#55
Dibenzofuran
Concen: 54.481 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

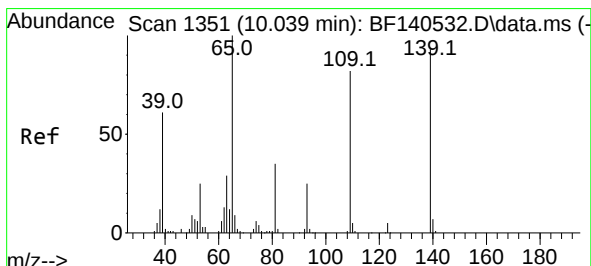
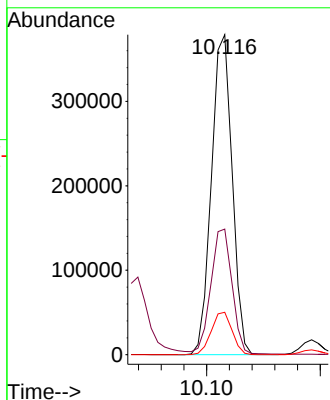
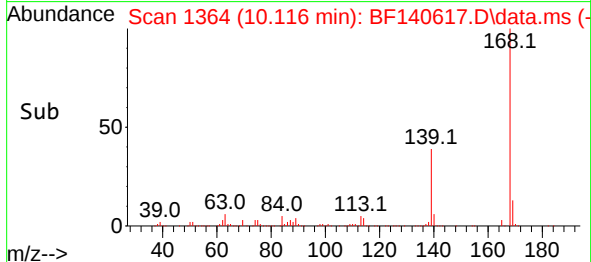
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion:168 Resp: 481150
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.3 10.5 15.7

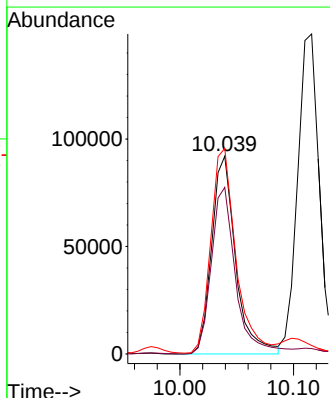
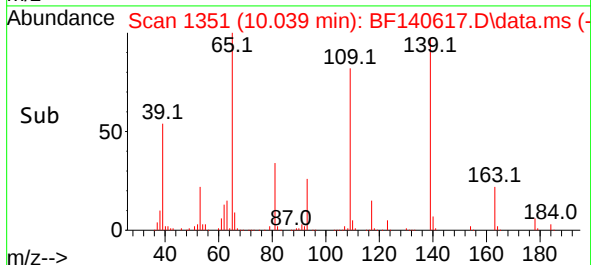
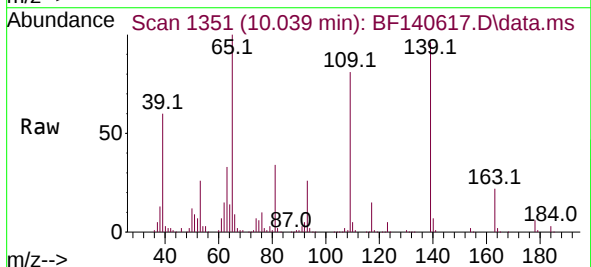
Manual Integrations
APPROVED

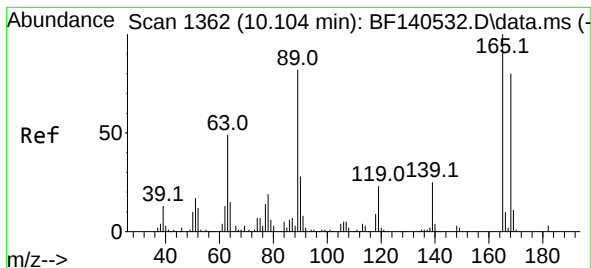
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 127.256 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:139 Resp: 135163
Ion Ratio Lower Upper
139 100
109 84.2 68.4 108.4
65 103.9 88.6 128.6





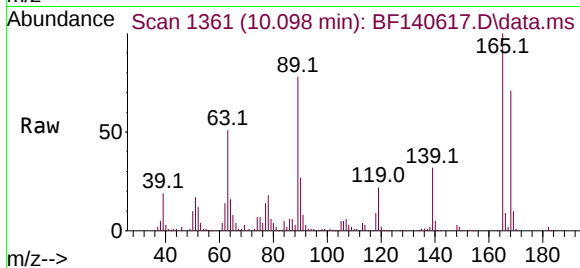
#57
2,4-Dinitrotoluene
Concen: 55.962 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

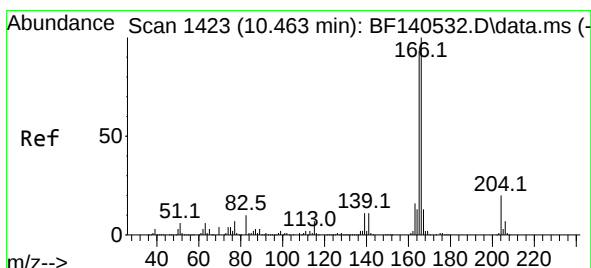
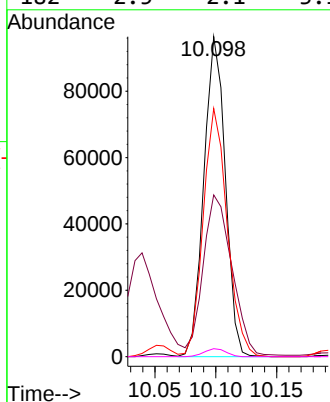
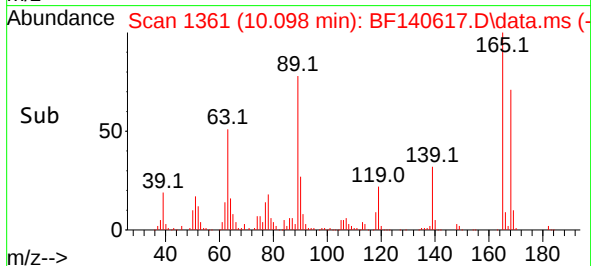


Tgt Ion:165 Resp: 118430
Ion Ratio Lower Upper
165 100
63 50.6 41.7 62.5
89 77.5 65.8 98.8
182 2.5 2.1 3.1

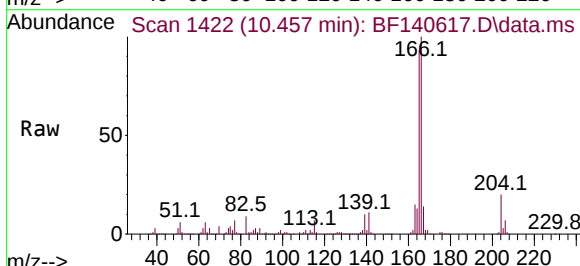
Manual Integrations

APPROVED

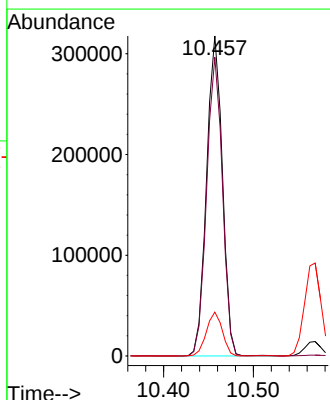
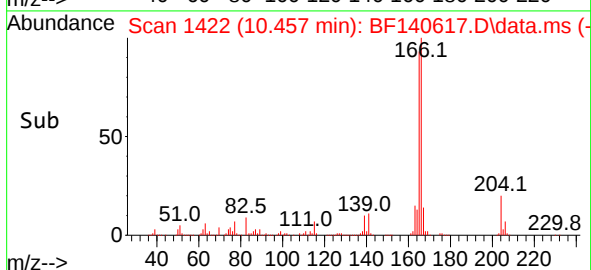
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

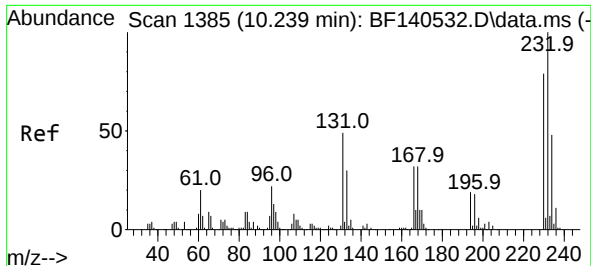


#58
Fluorene
Concen: 54.937 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



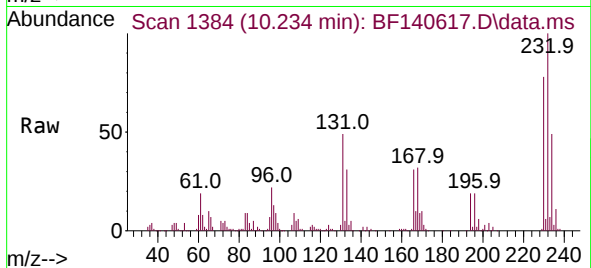
Tgt Ion:166 Resp: 389442
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.100 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

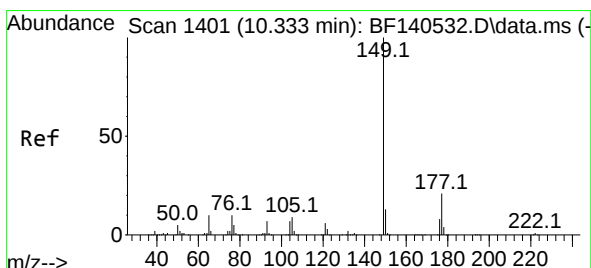
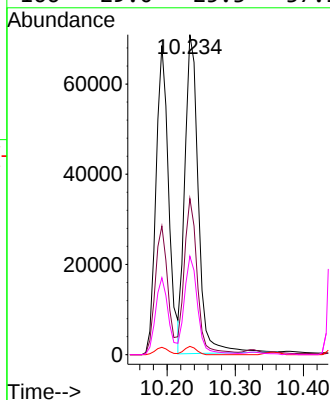
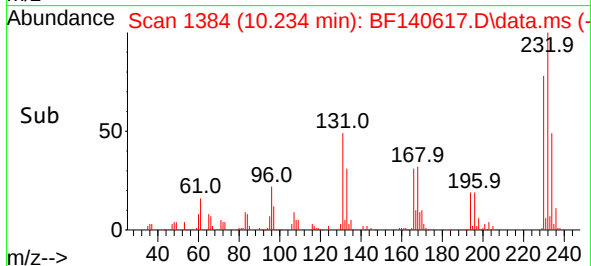
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



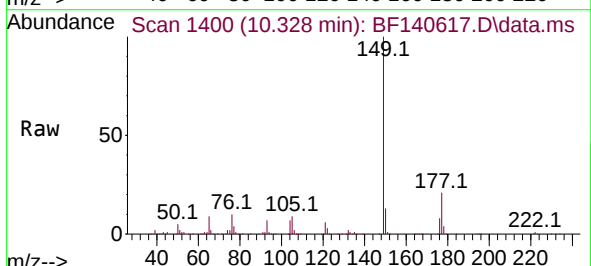
Tgt Ion:232 Resp: 96538
Ion Ratio Lower Upper
232 100
131 46.6 39.6 59.4
130 2.3 1.9 2.9
166 29.0 25.3 37.9

Manual Integrations
APPROVED

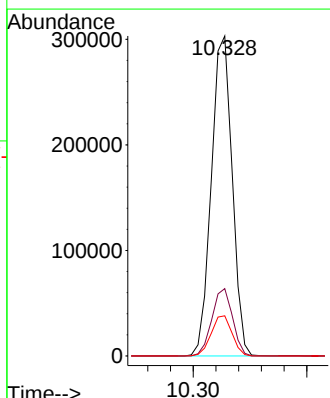
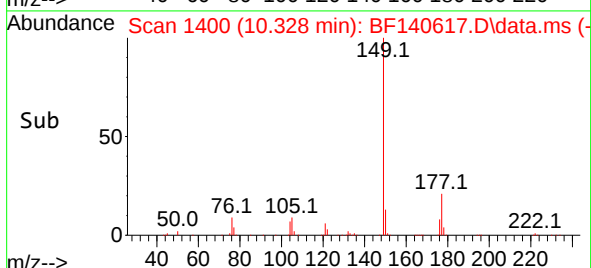
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

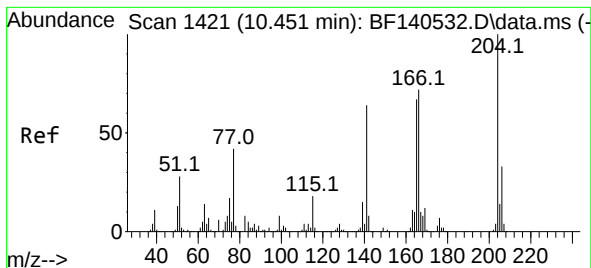


#60
Diethylphthalate
Concen: 54.239 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



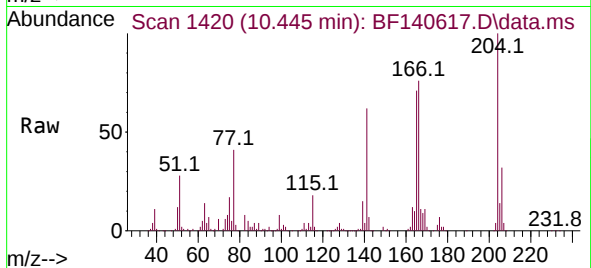
Tgt Ion:149 Resp: 386919
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.944 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

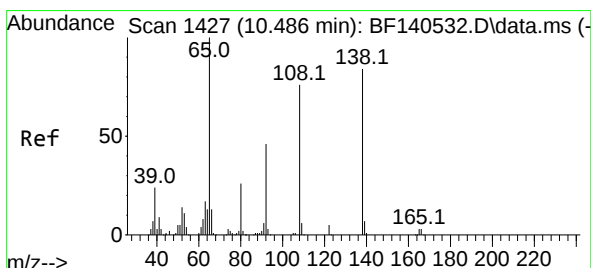
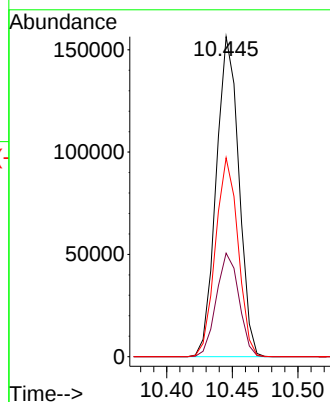
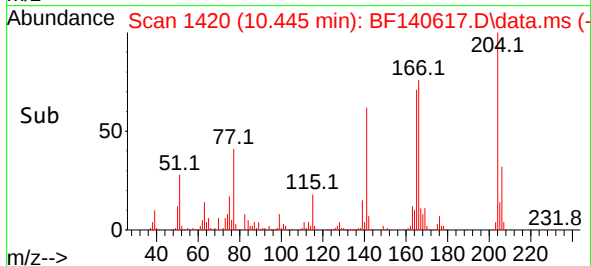
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion:204 Resp: 187664
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 62.2 51.1 76.7

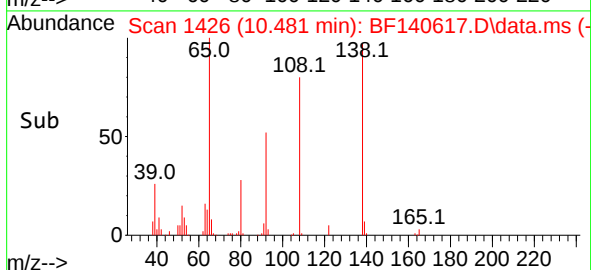
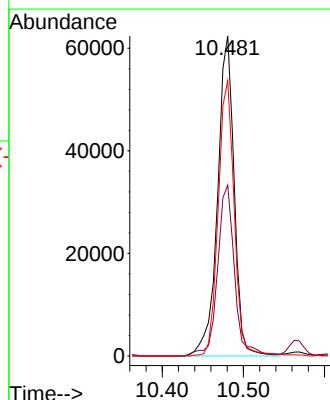
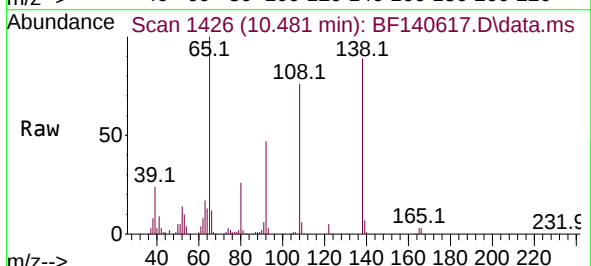
Manual Integrations
APPROVED

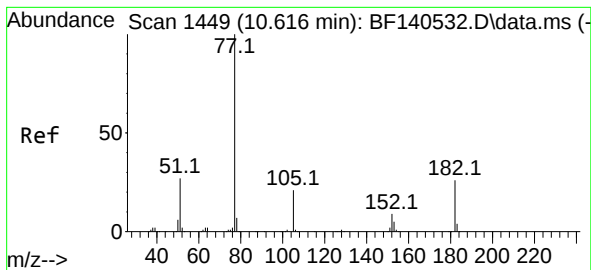
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 54.506 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:138 Resp: 89030
Ion Ratio Lower Upper
138 100
92 53.4 34.5 74.5
108 86.1 70.6 110.6





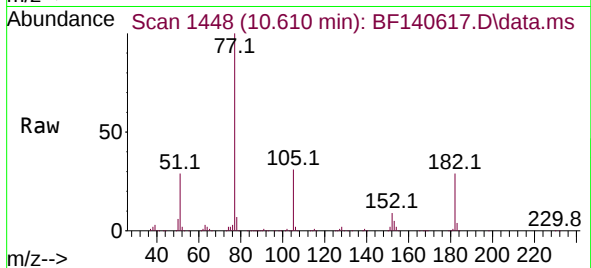
#63
Azobenzene
Concen: 66.488 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



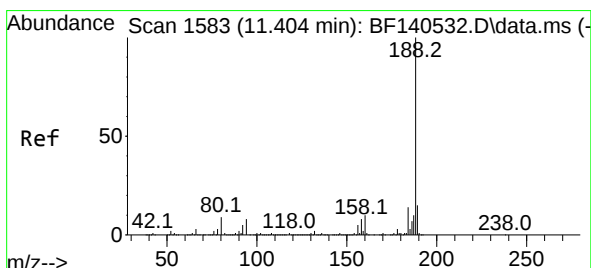
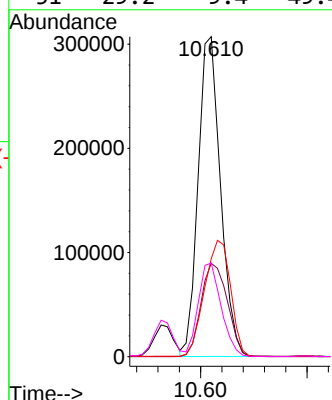
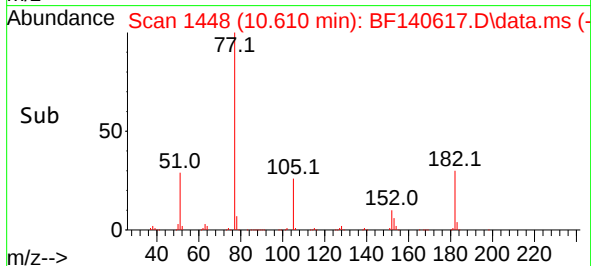
Tgt Ion: 77 Resp: 449154
Ion Ratio Lower Upper
77 100
182 29.2 5.3 45.3
105 30.6 0.3 40.3
51 29.2 9.4 49.4

Manual Integrations

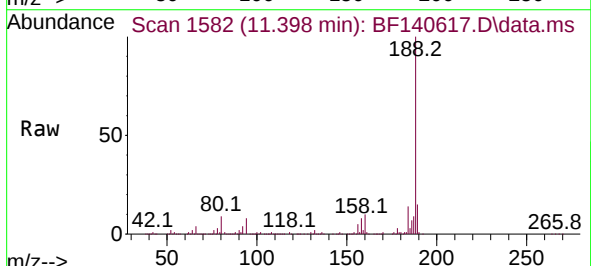
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

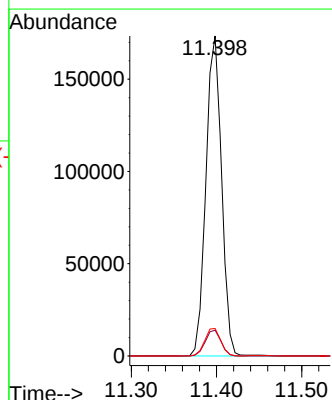
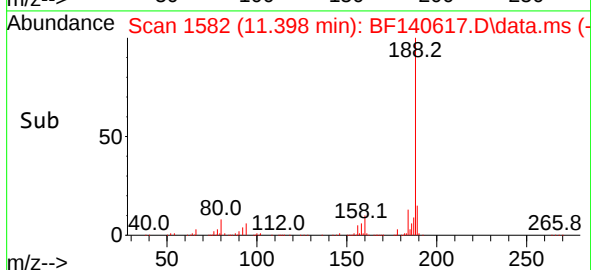
Supervised By :mohammad ahmed 11/27/2024

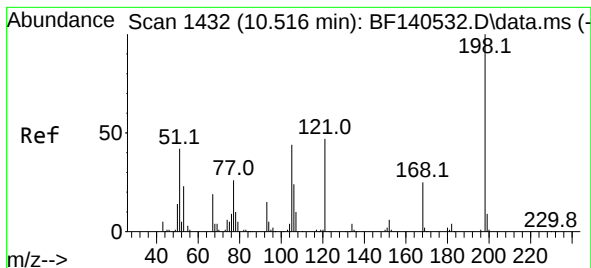


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:188 Resp: 220773
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 55.787 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

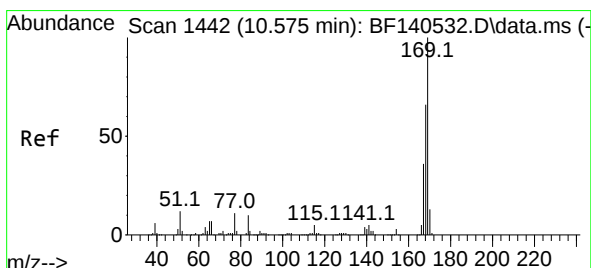
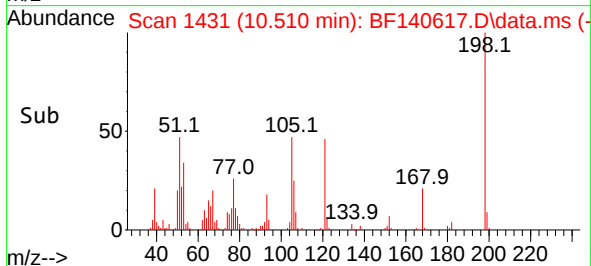
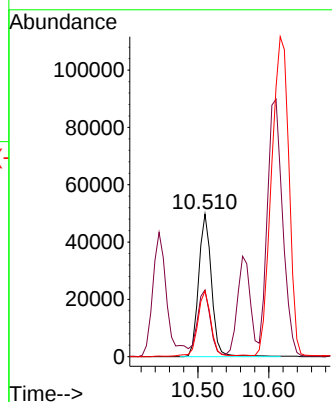
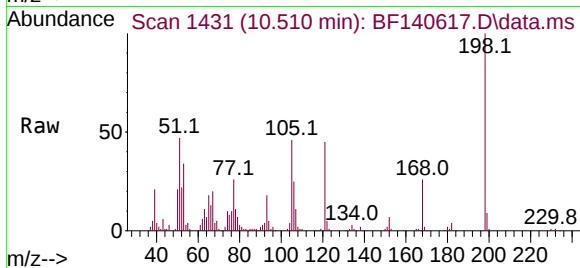
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:198 Resp: 62937
Ion Ratio Lower Upper
198 100
51 46.9 29.4 69.4
105 46.0 25.4 65.4

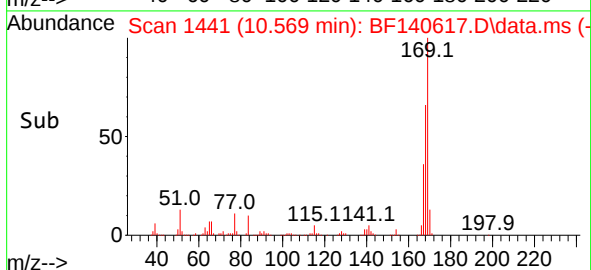
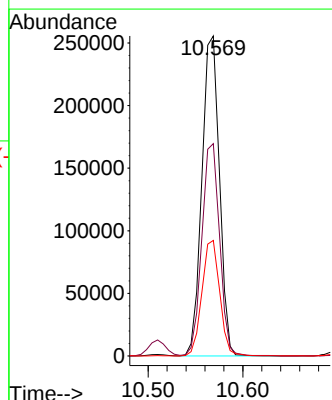
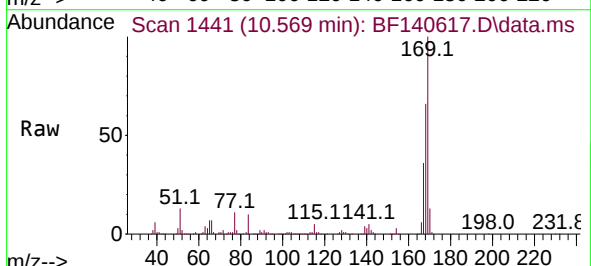
Manual Integrations
APPROVED

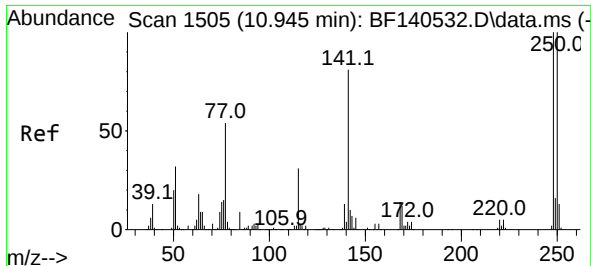
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 50.286 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:169 Resp: 328312
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.1 29.0 43.6





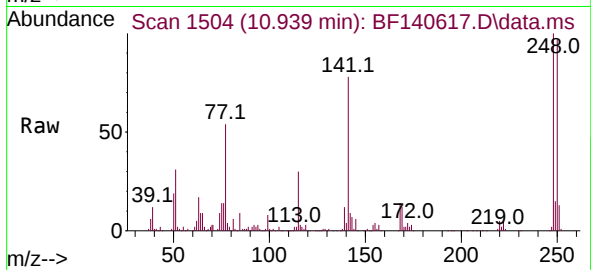
#67
4-Bromophenyl-phenylether
Concen: 49.128 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



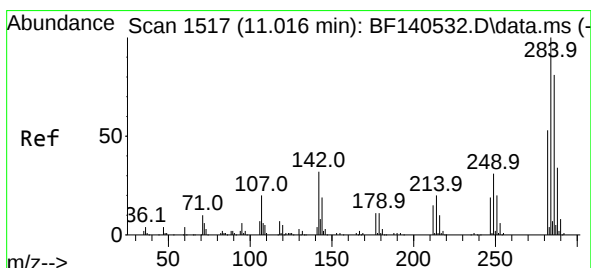
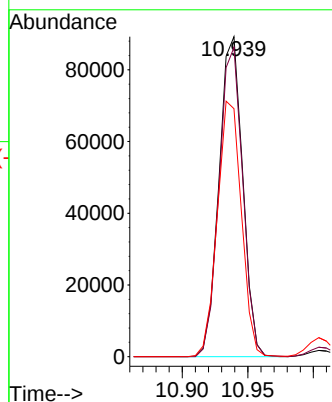
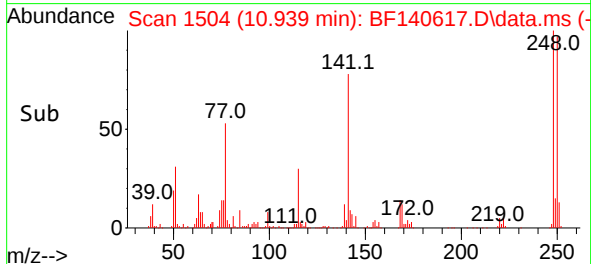
Tgt Ion:248 Resp: 111698
Ion Ratio Lower Upper
248 100
250 96.7 79.8 119.8
141 77.5 64.7 97.1

Manual Integrations

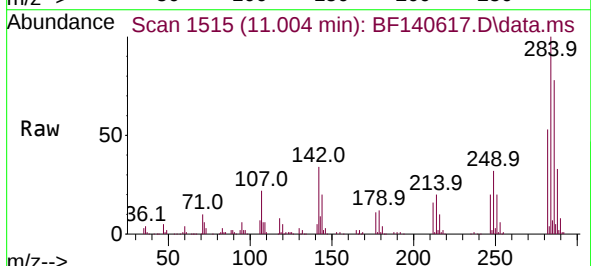
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

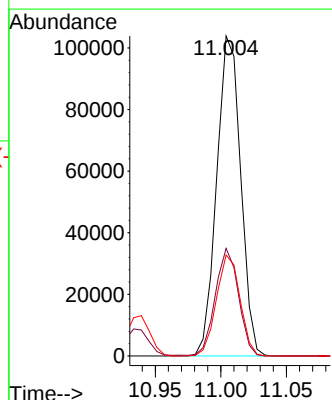
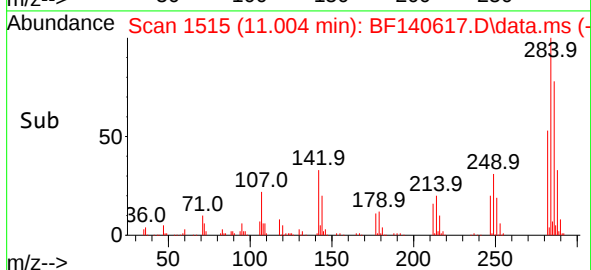
Supervised By :mohammad ahmed 11/27/2024

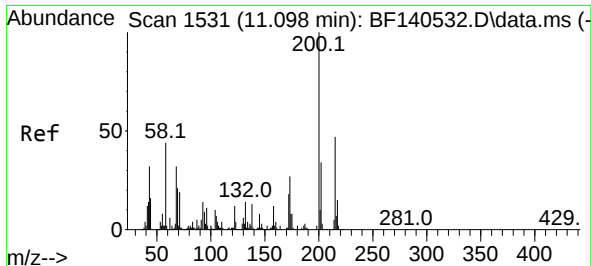


#68
Hexachlorobenzene
Concen: 50.035 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:284 Resp: 131725
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 31.5 24.8 37.2





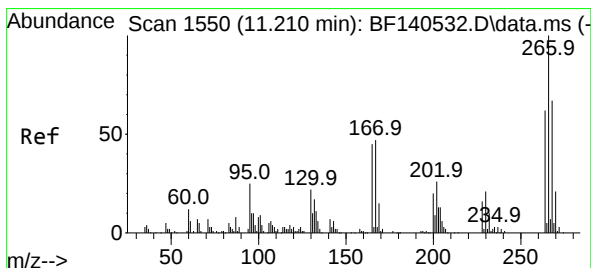
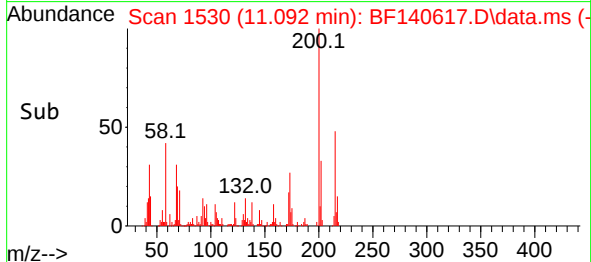
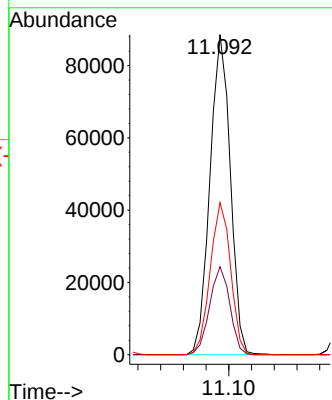
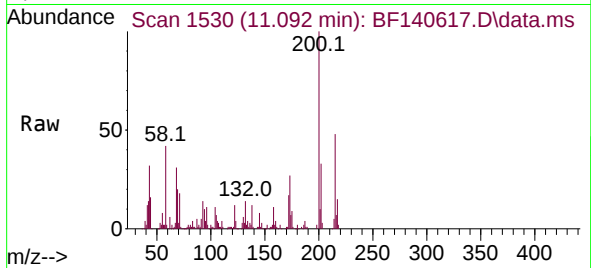
#69
Atrazine
Concen: 60.017 ng
RT: 11.092 min Scan# 11023
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:200 Resp: 11023
Ion Ratio Lower Upper
200 100
173 27.5 7.0 47.0
215 47.5 26.7 66.7

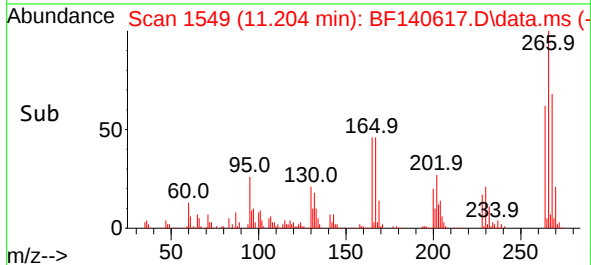
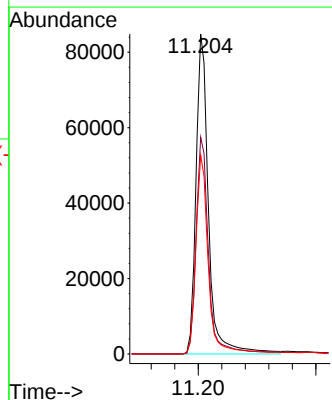
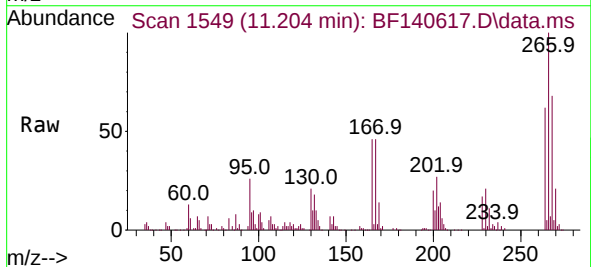
Manual Integrations
APPROVED

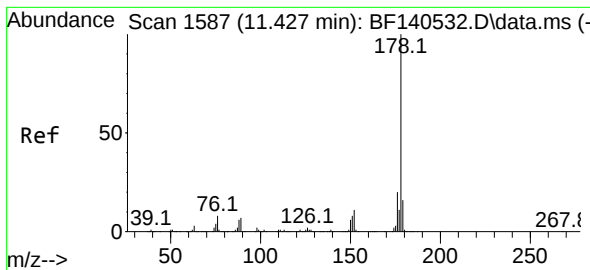
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 108.076 ng
RT: 11.204 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:266 Resp: 125226
Ion Ratio Lower Upper
266 100
268 67.8 53.7 80.5
264 62.1 49.8 74.8





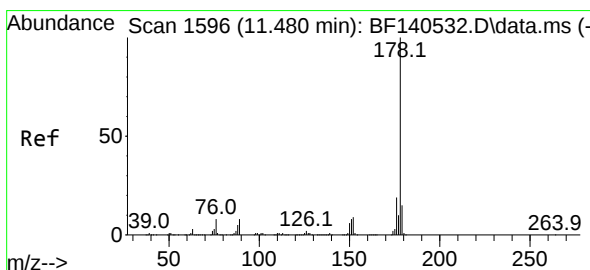
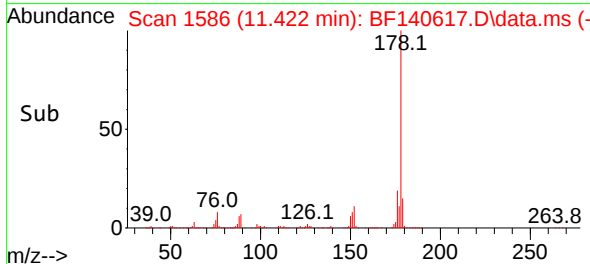
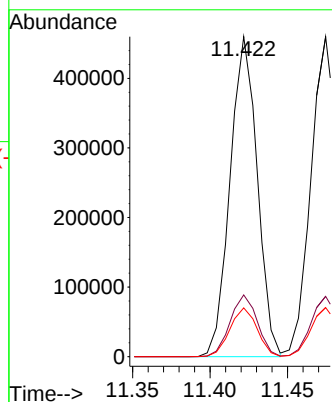
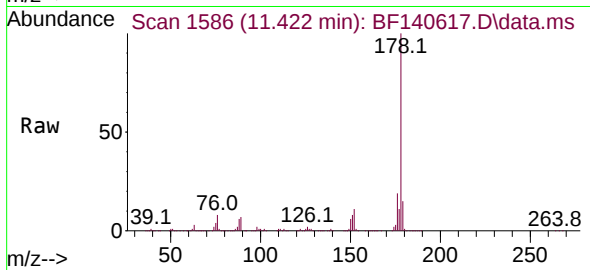
#71
Phenanthrene
Concen: 52.862 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:178 Resp: 560994
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.3 12.4 18.6

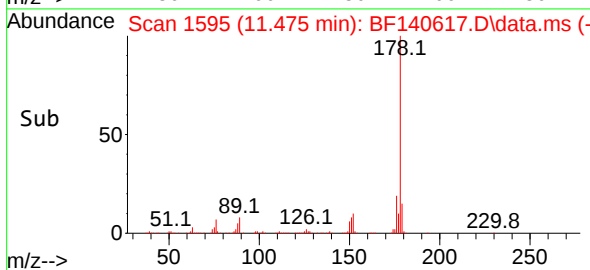
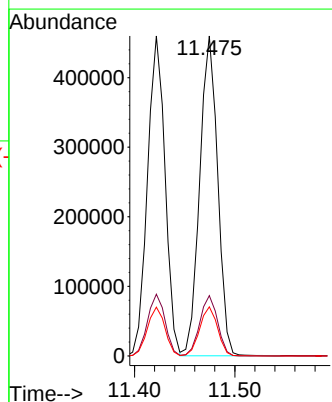
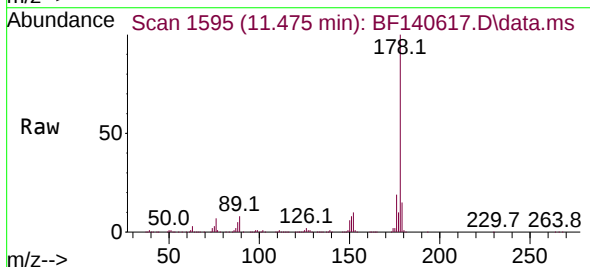
Manual Integrations
APPROVED

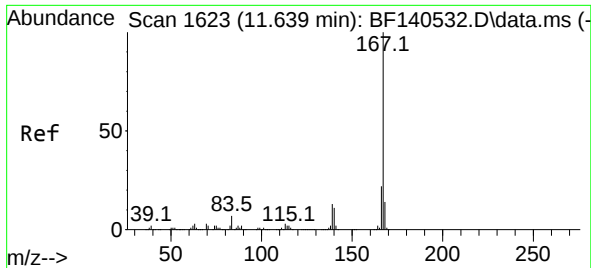
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 55.183 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

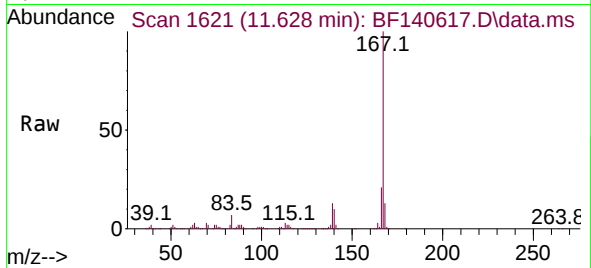
Tgt Ion:178 Resp: 572845
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 54.737 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.012 min
 Lab File: BF140617.D
 Acq: 25 Nov 2024 21:37

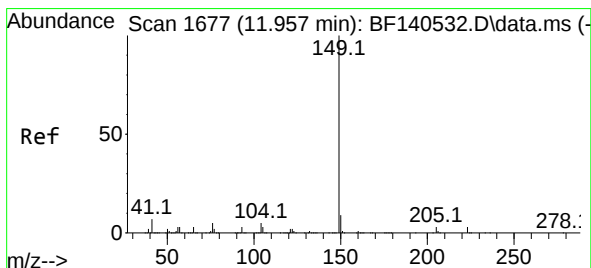
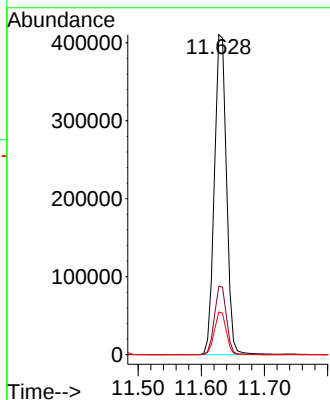
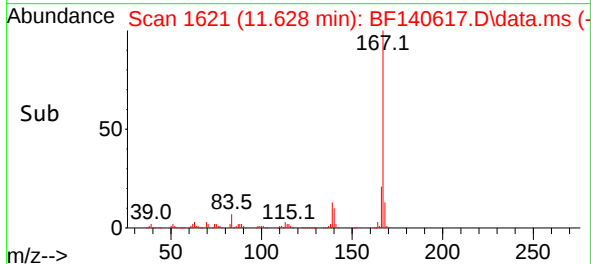
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006MSD



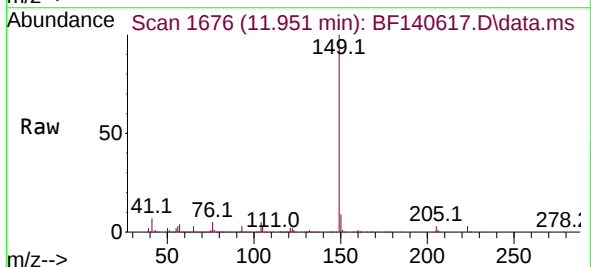
Tgt Ion:167 Resp: 546630
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.3 10.6 15.8

Manual Integrations
 APPROVED

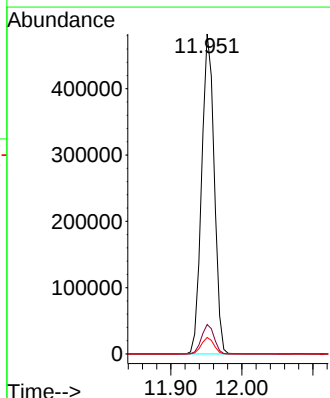
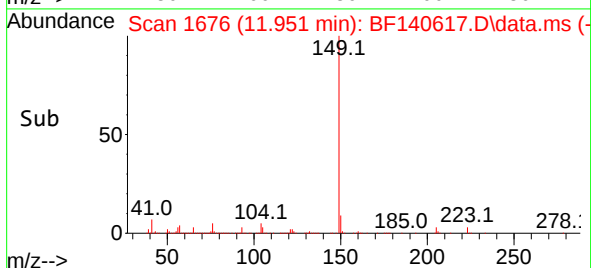
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

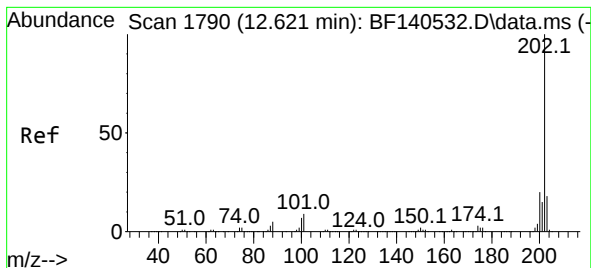


#74
 Di-n-butylphthalate
 Concen: 51.739 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140617.D
 Acq: 25 Nov 2024 21:37



Tgt Ion:149 Resp: 596519
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 52.763 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:202 Resp: 607954

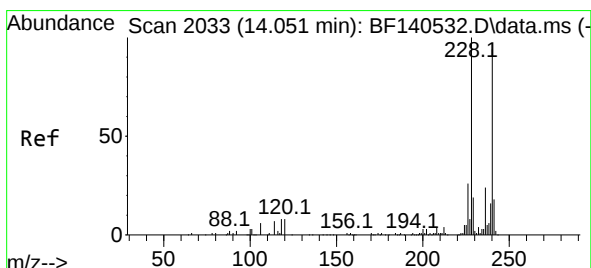
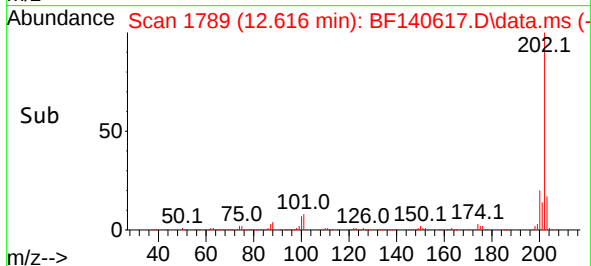
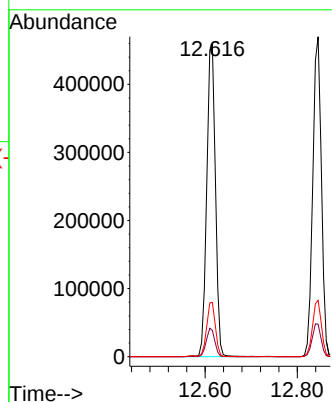
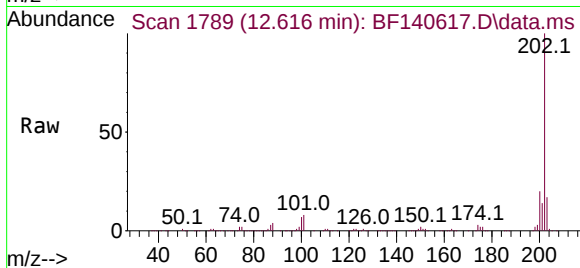
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.9
203	17.3	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

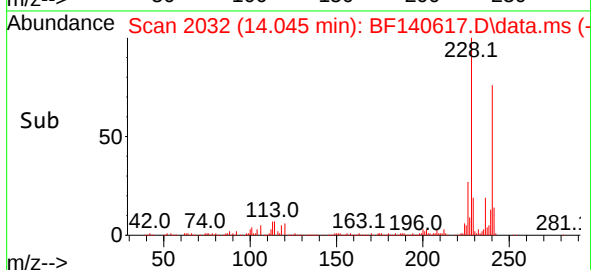
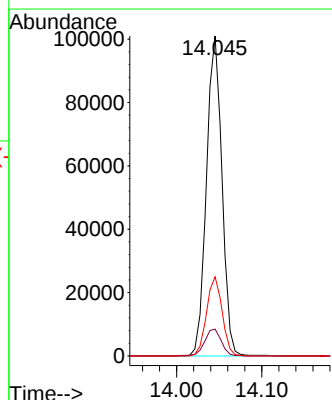
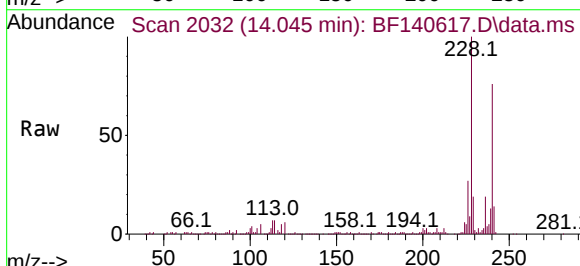
Delta R.T. -0.006 min

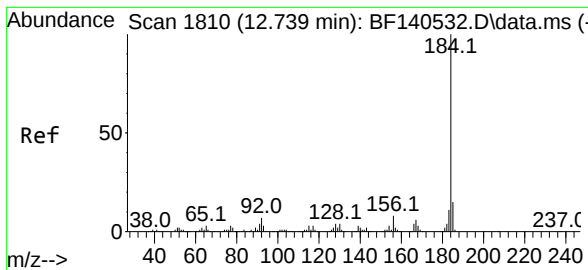
Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:240 Resp: 127662

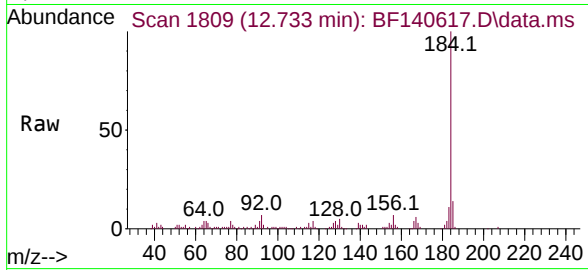
Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.3	10.9
236	24.8	20.6	31.0





#77
Benzidine
Concen: 21.255 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

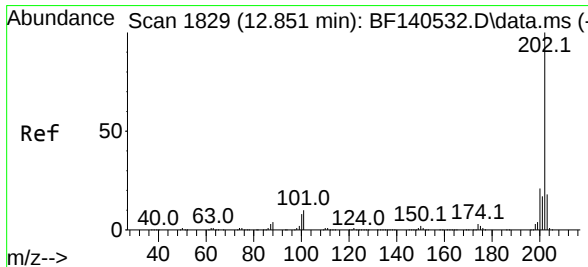
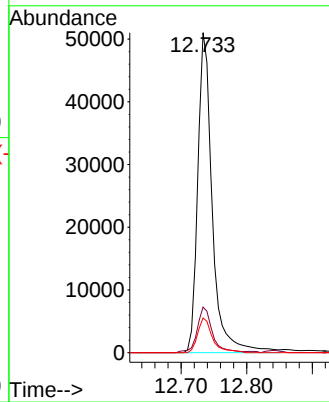
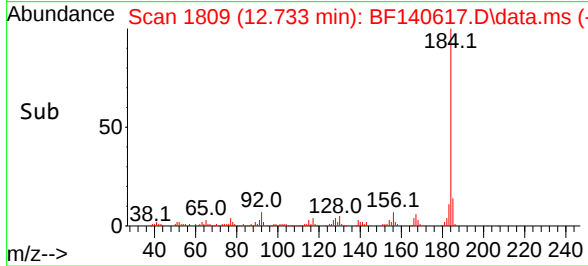
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



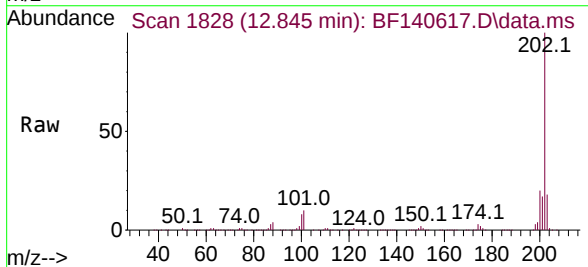
Tgt Ion:184 Resp: 78892
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.8 8.8 13.2

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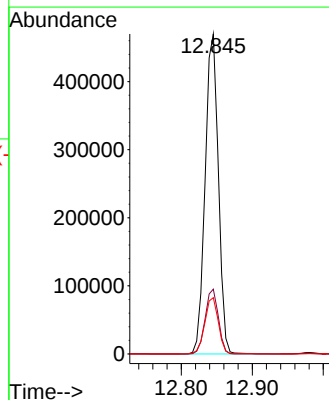
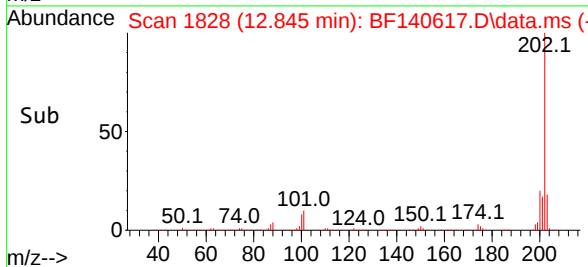
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

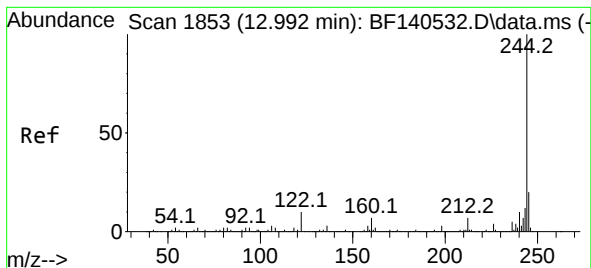


#78
Pyrene
Concen: 51.695 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:202 Resp: 610200
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 81.419 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140617.D

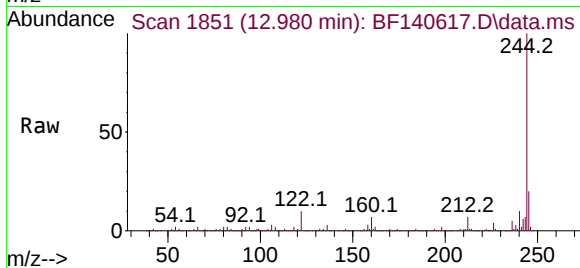
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



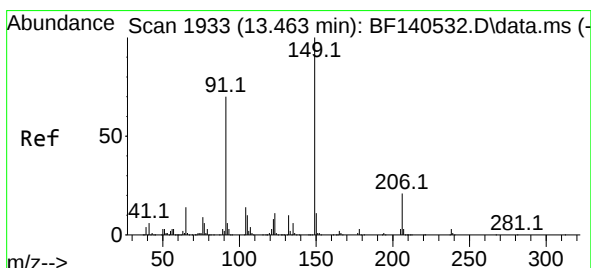
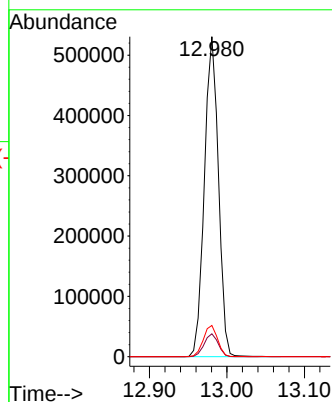
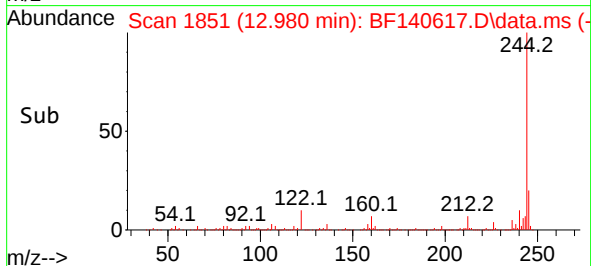
Tgt Ion:244	Resp:	667518
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.8
122	9.8	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 50.411 ng

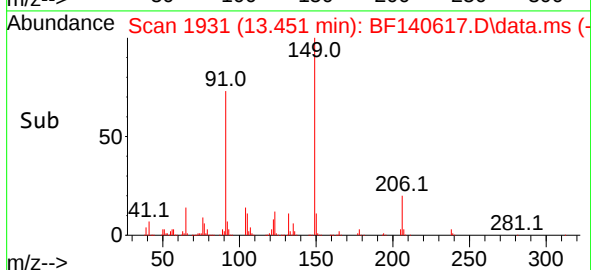
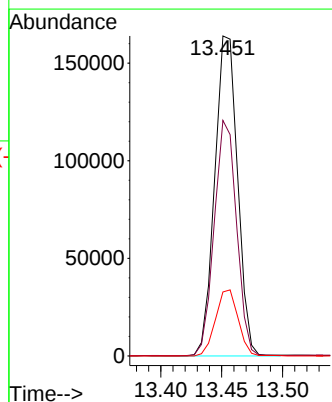
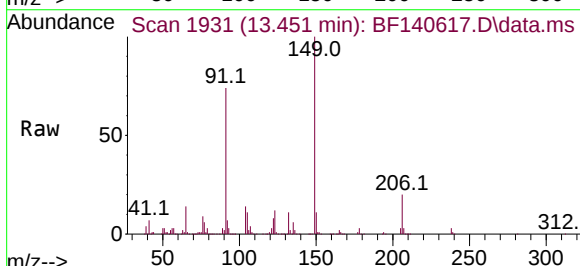
RT: 13.451 min Scan# 1931

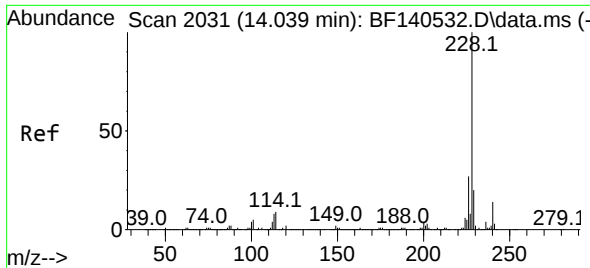
Delta R.T. -0.012 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:149	Resp:	214360
Ion Ratio	Lower	Upper
149	100	
91	73.6	56.2 84.2
206	20.0	16.4 24.6





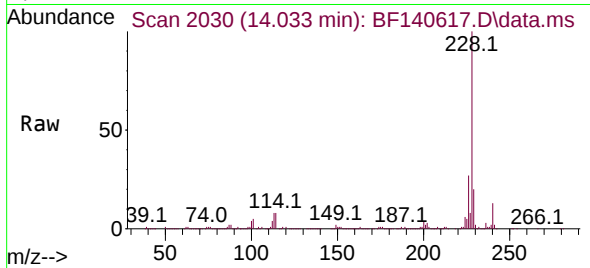
#81
Benzo(a)anthracene
Concen: 52.331 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



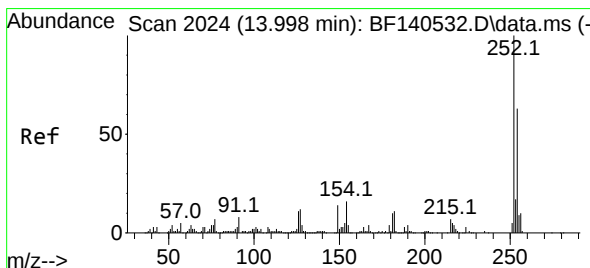
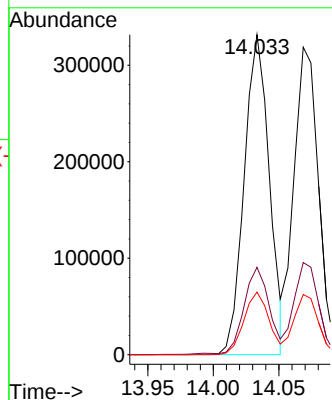
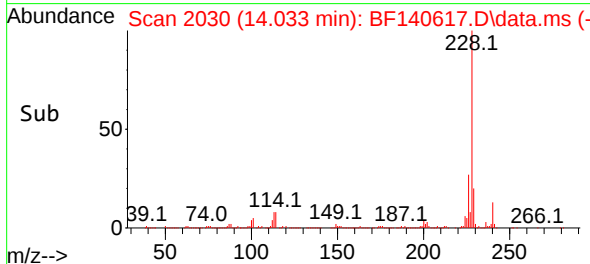
Tgt Ion:228 Resp: 442230
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6

Manual Integrations

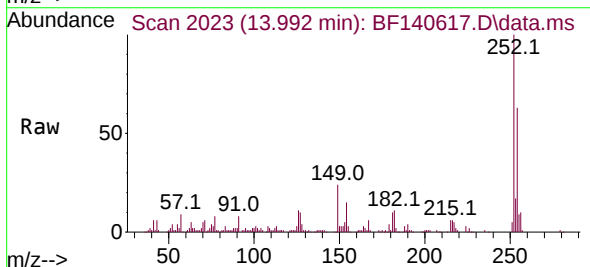
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

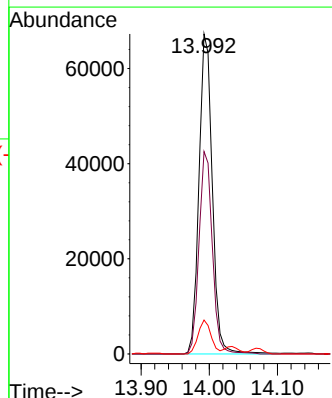
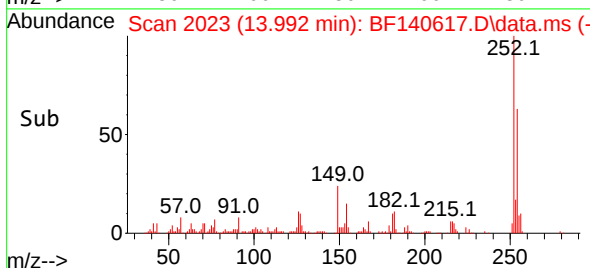
Supervised By :mohammad ahmed 11/27/2024

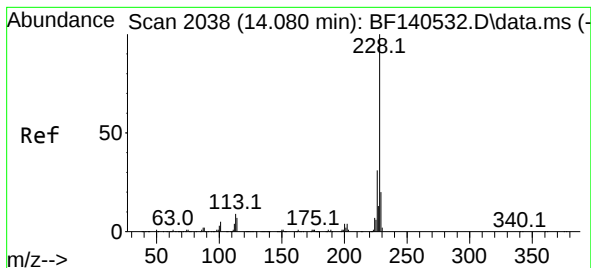


#82
3,3'-Dichlorobenzidine
Concen: 35.972 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37



Tgt Ion:252 Resp: 91269
Ion Ratio Lower Upper
252 100
254 63.3 50.8 76.2
126 10.6 8.6 13.0





#83

Chrysene

Concen: 53.807 ng

RT: 14.069 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

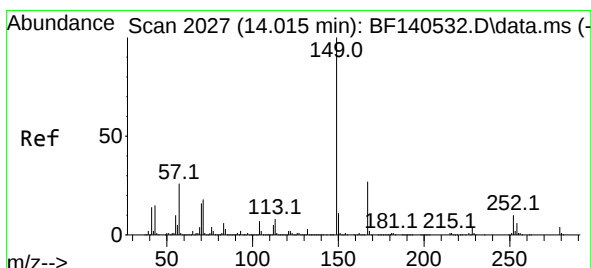
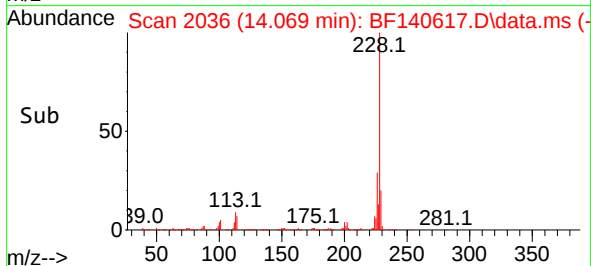
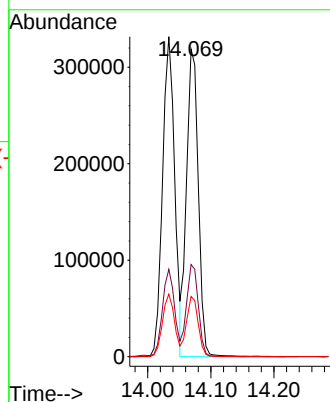
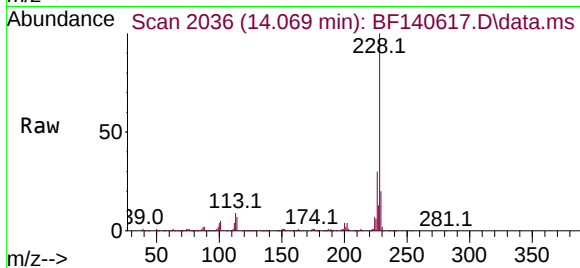
Tgt Ion:	228	Resp:	415778
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.628 ng

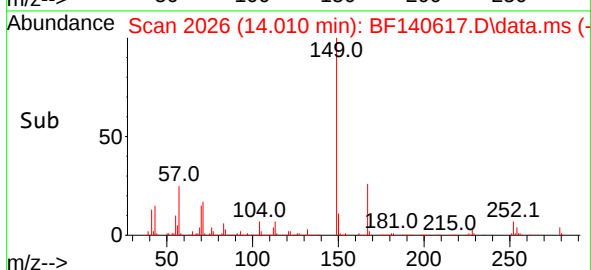
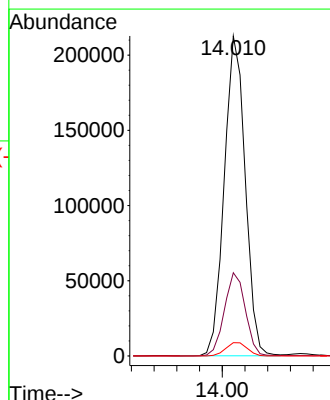
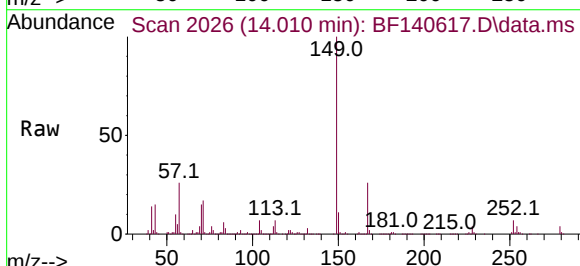
RT: 14.010 min Scan# 2026

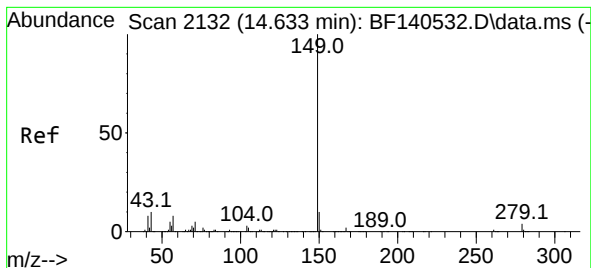
Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:	149	Resp:	271841
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.2	31.8
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 54.015 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

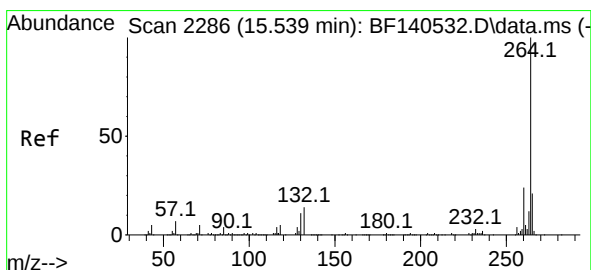
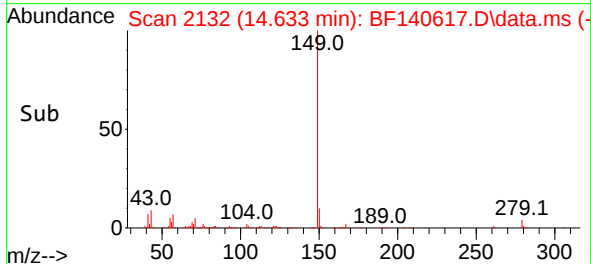
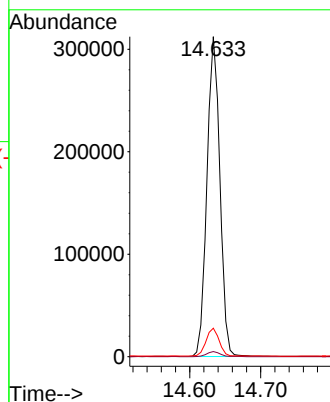
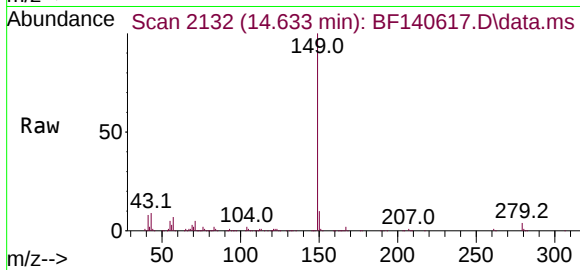
Tgt Ion:149 Resp: 396354
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

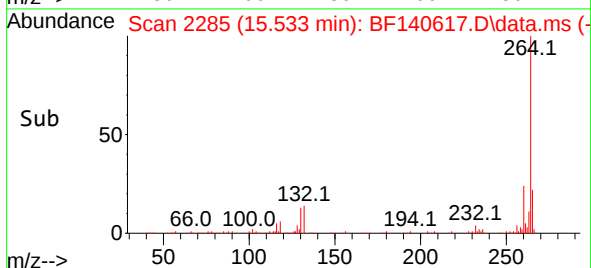
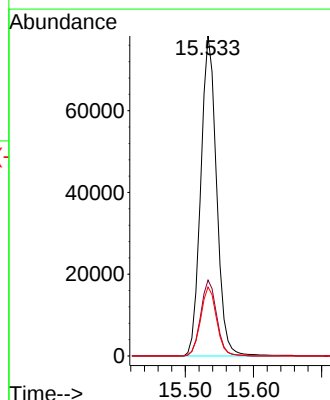
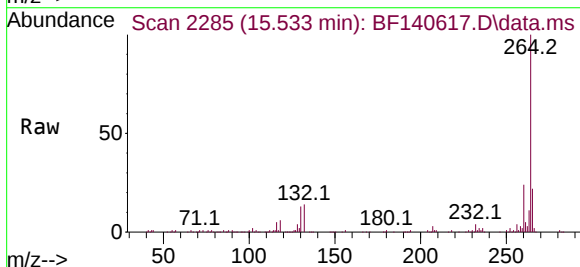
RT: 15.533 min Scan# 2285

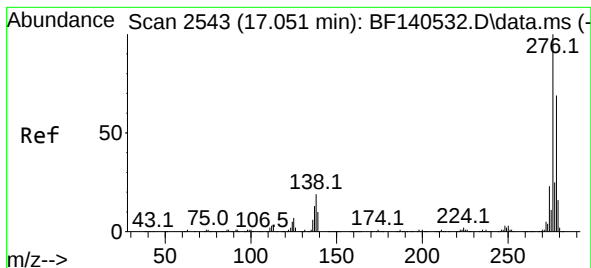
Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Tgt Ion:264 Resp: 125896
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.262 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140617.D

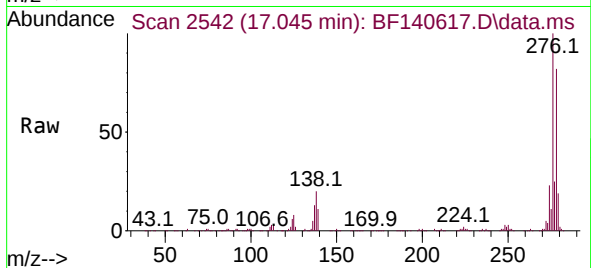
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



Tgt Ion:276 Resp: 420579

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

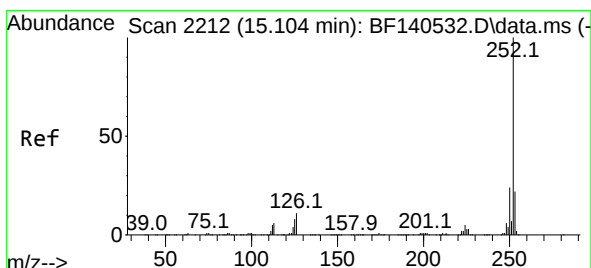
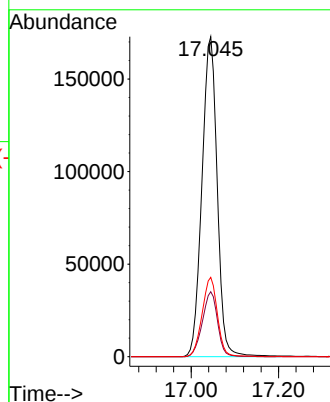
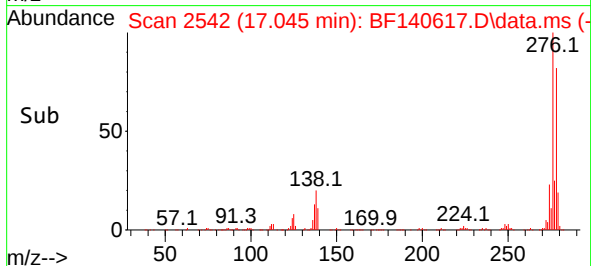
277 24.7 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 53.731 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

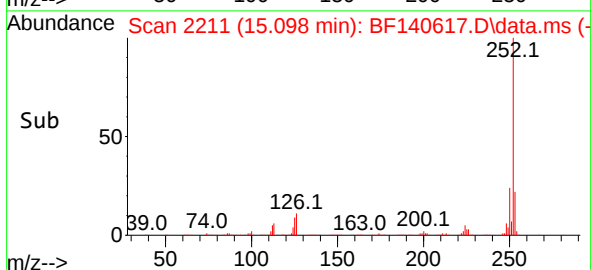
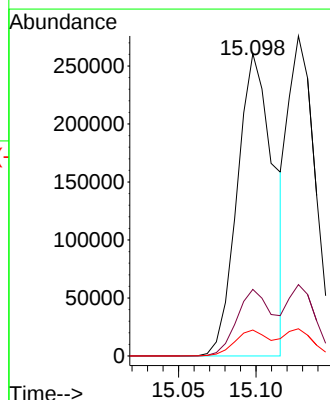
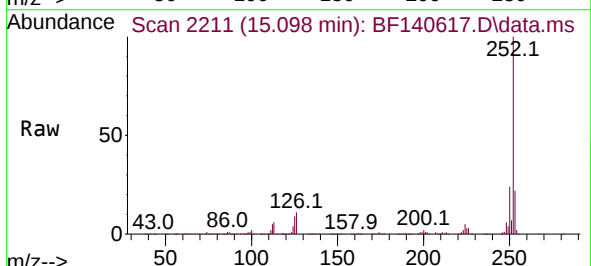
Tgt Ion:252 Resp: 424891

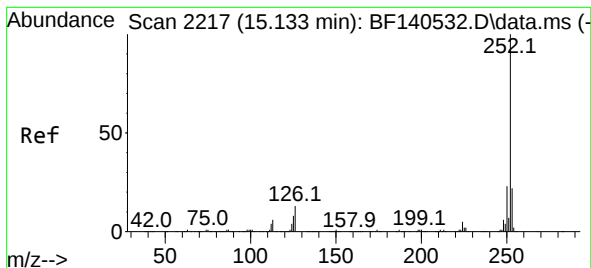
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.726 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:252 Resp: 337178

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

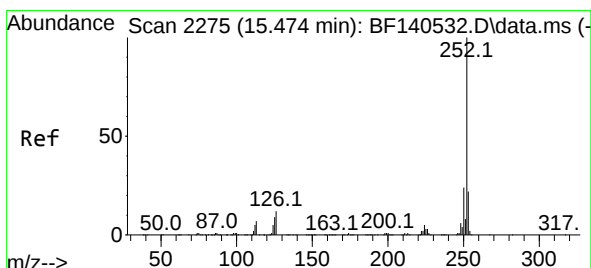
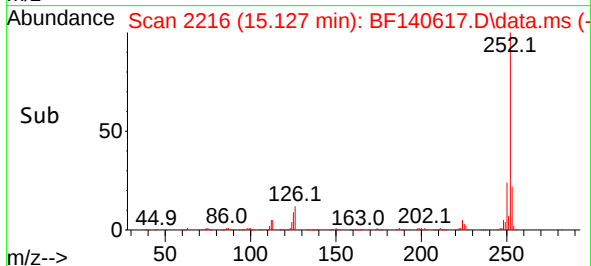
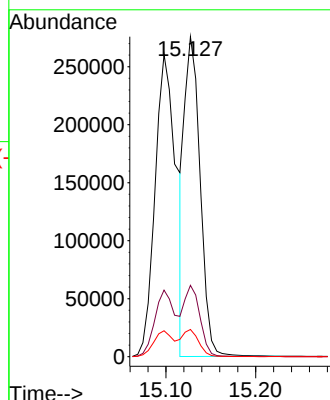
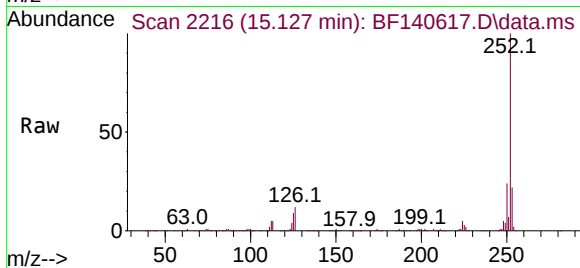
125 8.5 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 57.690 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140617.D

Acq: 25 Nov 2024 21:37

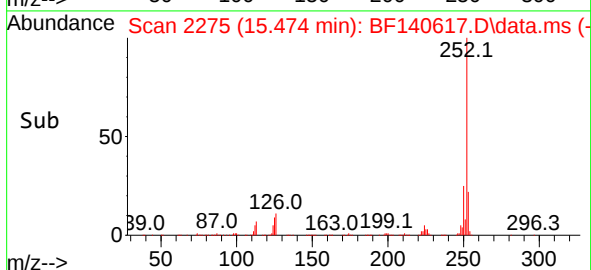
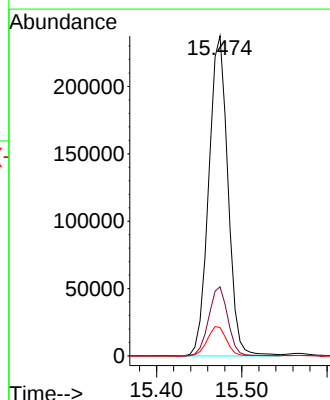
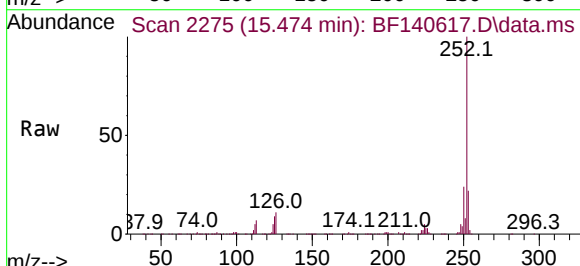
Tgt Ion:252 Resp: 370925

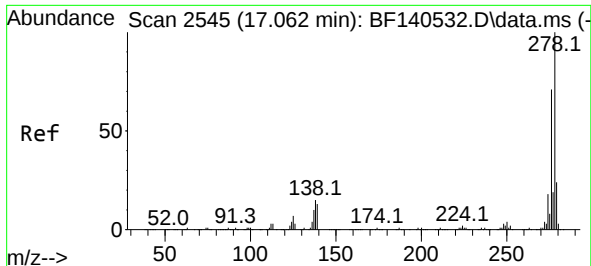
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.9 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.879 ng
RT: 17.051 min Scan# 2543
Delta R.T. -0.012 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Instrument :

BNA_F

ClientSampleId :

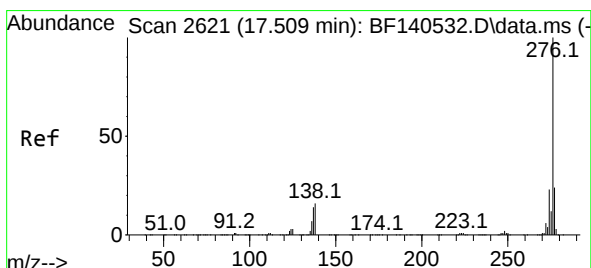
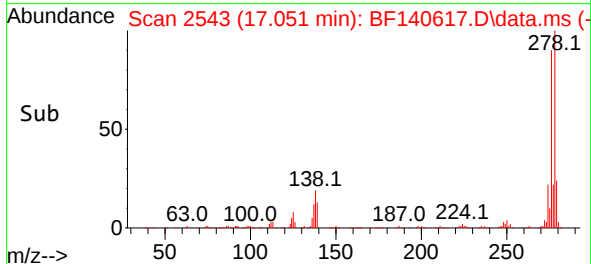
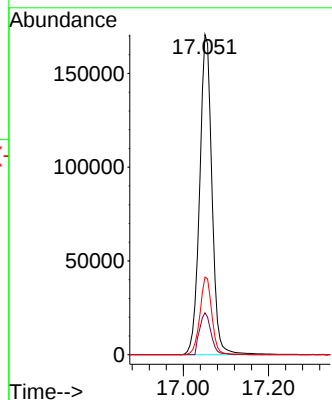
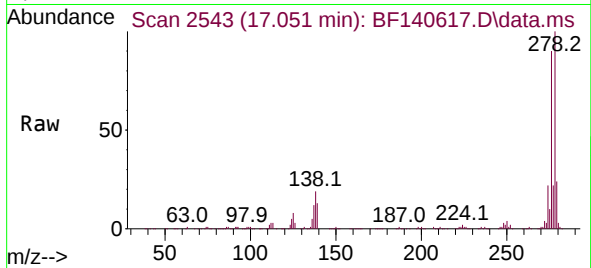
PH2-BOT-006MSD

Tgt Ion:278 Resp: 34186
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 24.2 18.9 28.3

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.783 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140617.D
Acq: 25 Nov 2024 21:37

Tgt Ion:276 Resp: 307059
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.3 13.2 19.8

