

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140640.D
 Acq On : 26 Nov 2024 14:29
 Operator : RC/JU
 Sample : P4860-09MSD
 Misc :
 ALS Vial : 13 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 15:01:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75738	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	275981	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	148258	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	278787	20.000	ng	0.00
76) Chrysene-d12	14.045	240	147921	20.000	ng	0.00
86) Perylene-d12	15.539	264	159754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	452634	101.968	ng	0.00
7) Phenol-d6	6.510	99	602017	102.586	ng	0.00
23) Nitrobenzene-d5	7.434	82	387966	71.906	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	178860	112.801	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	731930	73.556	ng	0.00
79) Terphenyl-d14	12.980	244	806951	84.946	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	83030	44.488	ng	98
3) Pyridine	3.440	79	199530	48.590	ng	100
4) n-Nitrosodimethylamine	3.393	42	110007	45.581	ng	94
6) Aniline	6.534	93	152440	36.906	ng	89
8) 2-Chlorophenol	6.657	128	228770	47.903	ng	97
9) Benzaldehyde	6.422	77	19221	6.187	ng	97
10) Phenol	6.522	94	288564	48.149	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	212654	46.369	ng	100
12) 1,3-Dichlorobenzene	6.810	146	241782	45.057	ng	99
13) 1,4-Dichlorobenzene	6.887	146	246206	45.313	ng	100
14) 1,2-Dichlorobenzene	7.040	146	234514	46.062	ng	99
15) Benzyl Alcohol	7.016	79	208144	47.827	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	262237	48.401	ng	95
17) 2-Methylphenol	7.128	107	174379	45.615	ng	98
18) Hexachloroethane	7.381	117	90682	44.686	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	159400	45.960	ng	97
20) 3+4-Methylphenols	7.281	107	228040	46.409	ng	93
22) Acetophenone	7.281	105	313349	46.572	ng	98
24) Nitrobenzene	7.451	77	245197	43.970	ng	98
25) Isophorone	7.692	82	424726	47.196	ng	100
26) 2-Nitrophenol	7.769	139	121050	48.984	ng	98
27) 2,4-Dimethylphenol	7.804	122	165488m	55.969	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	257546	46.977	ng	99
29) 2,4-Dichlorophenol	8.016	162	187124	47.761	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	199338	44.561	ng	100
31) Naphthalene	8.175	128	660640	46.473	ng	99
32) Benzoic acid	7.934	122	108817	43.147	ng	97
33) 4-Chloroaniline	8.228	127	85105	19.996	ng	99
34) Hexachlorobutadiene	8.287	225	133144	44.936	ng	99
35) Caprolactam	8.592	113	58695m	48.409	ng	
36) 4-Chloro-3-methylphenol	8.716	107	203995	46.504	ng	97
37) 2-Methylnaphthalene	8.863	142	431078	47.743	ng	100
38) 1-Methylnaphthalene	8.963	142	399182	45.104	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	207346	47.773	ng	99
41) Hexachlorocyclopentadiene	9.016	237	139115	136.890	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	132214	48.546	ng	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	139339	47.142	ng	97
46) 1,1'-Biphenyl	9.328	154	533355	48.184	ng	99
47) 2-Chloronaphthalene	9.357	162	394050	46.982	ng	98
48) 2-Nitroaniline	9.457	65	129772	48.204	ng	95
49) Acenaphthylene	9.769	152	644809	50.882	ng	100
50) Dimethylphthalate	9.628	163	472955	48.438	ng	100
51) 2,6-Dinitrotoluene	9.698	165	103339	46.665	ng	91
52) Acenaphthene	9.945	154	387584	48.135	ng	99
53) 3-Nitroaniline	9.869	138	61326	28.315	ng	95
54) 2,4-Dinitrophenol	9.981	184	107464	92.361	ng	97
55) Dibenzofuran	10.116	168	596542	48.570	ng	100
56) 4-Nitrophenol	10.039	139	158749	107.473	ng	97
57) 2,4-Dinitrotoluene	10.104	165	141491	48.076	ng	97
58) Fluorene	10.457	166	470424	47.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119700	52.694	ng	93
60) Diethylphthalate	10.328	149	468228	47.198	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	230121	47.565	ng	100
62) 4-Nitroaniline	10.486	138	105079	46.258	ng	94
63) Azobenzene	10.610	77	540322	57.513	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	77032	54.072	ng	95
66) n-Nitrosodiphenylamine	10.569	169	406074	49.254	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	137508	47.894	ng	96
68) Hexachlorobenzene	11.010	284	154467	46.464	ng	99
69) Atrazine	11.098	200	133071	57.375	ng	99
70) Pentachlorophenol	11.210	266	152609	104.301	ng	100
71) Phenanthrene	11.422	178	658804	49.161	ng	100
72) Anthracene	11.475	178	676581	51.613	ng	100
73) Carbazole	11.633	167	628221	49.817	ng	100
74) Di-n-butylphthalate	11.951	149	727758	49.987	ng	100
75) Fluoranthene	12.616	202	702180	48.260	ng	100
77) Benzidine	12.739	184	75710	17.604	ng	99
78) Pyrene	12.845	202	702243	51.344	ng	99
80) Butylbenzylphthalate	13.457	149	280392	56.909	ng	99
81) Benzo(a)anthracene	14.033	228	488588	49.898	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	99630	33.889	ng	99
83) Chrysene	14.074	228	422655	47.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	361779	58.150	ng	99
85) Di-n-octyl phthalate	14.633	149	477197	56.125	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	472802	45.414	ng	98
88) Benzo(b)fluoranthene	15.104	252	452991	45.144	ng	100
89) Benzo(k)fluoranthene	15.133	252	424543	48.348	ng	99
90) Benzo(a)pyrene	15.474	252	423518	51.910	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	393201	46.117	ng	100
92) Benzo(g,h,i)perylene	17.504	276	330770	38.017	ng	98

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

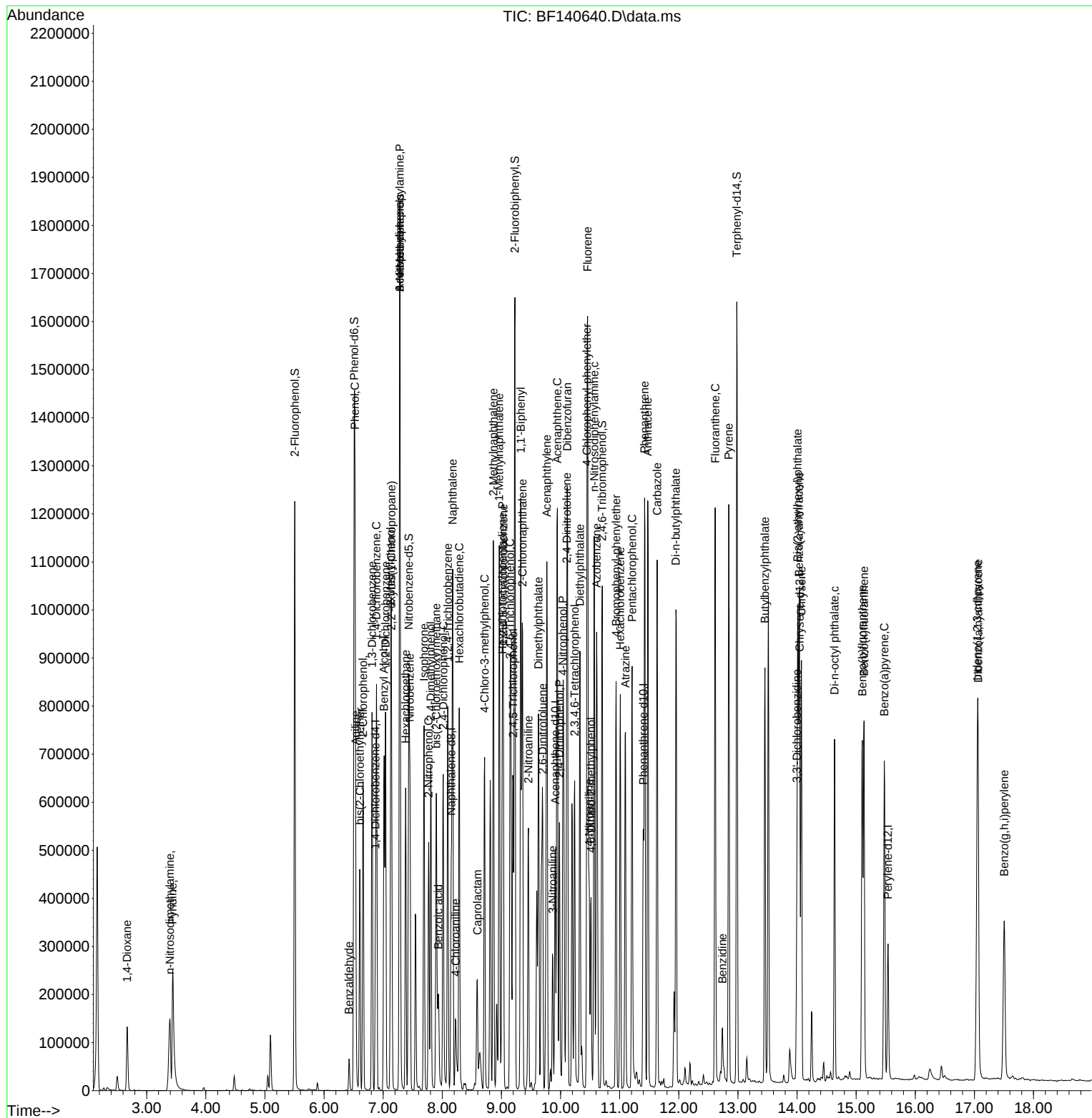
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

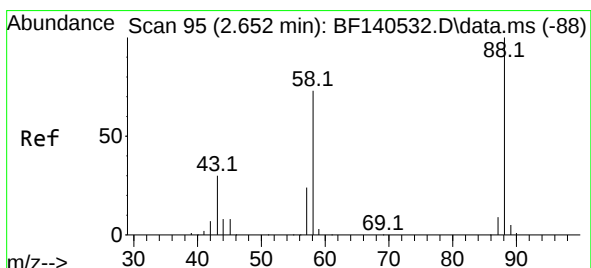
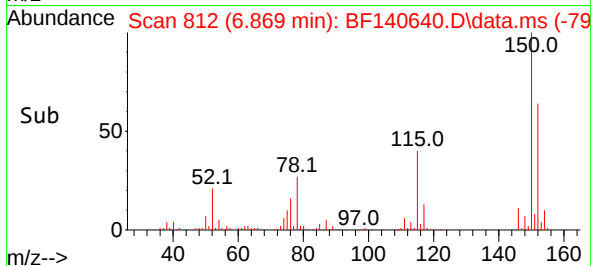
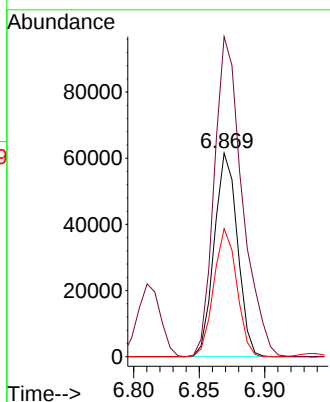
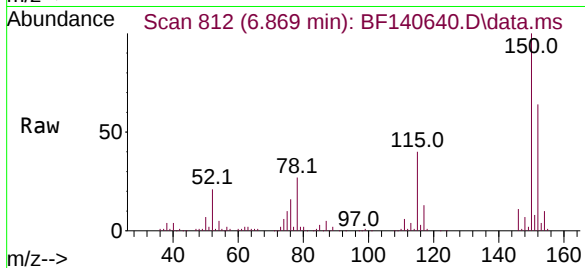
PH2-BOT-006MSD

Tgt Ion:152 Resp: 75738
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 62.8 50.2 75.4

Manual Integrations

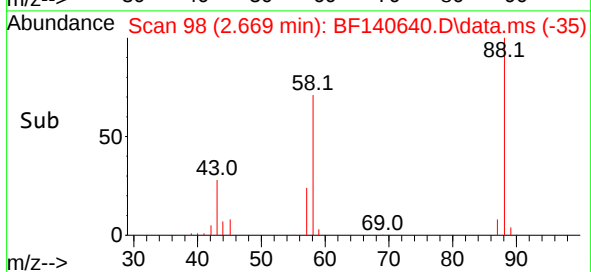
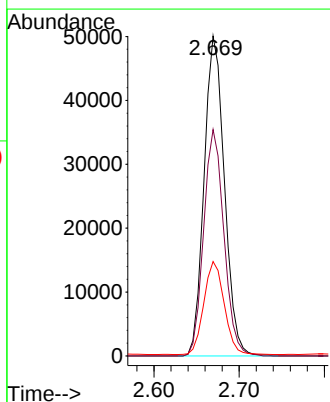
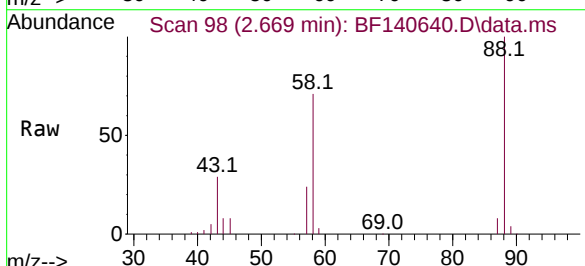
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Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 44.488 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.018 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion: 88 Resp: 83030
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 29.1 24.3 36.5





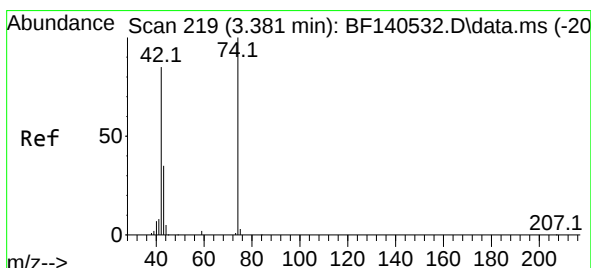
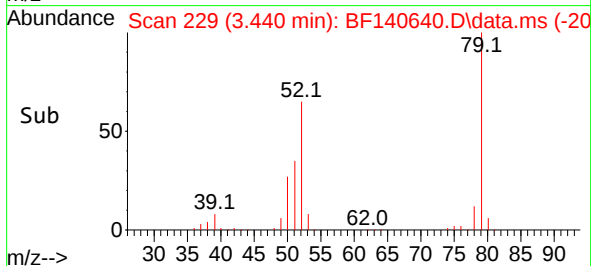
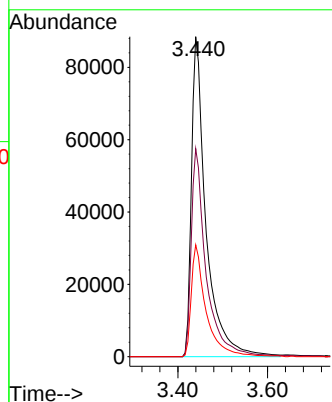
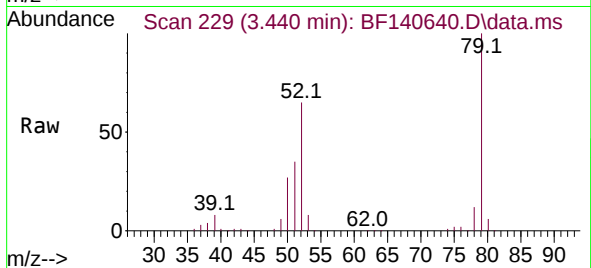
#3
Pyridine
Concen: 48.590 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion: 79 Resp: 199530
Ion Ratio Lower Upper
79 100
52 65.0 52.1 78.1
51 35.0 27.8 41.8

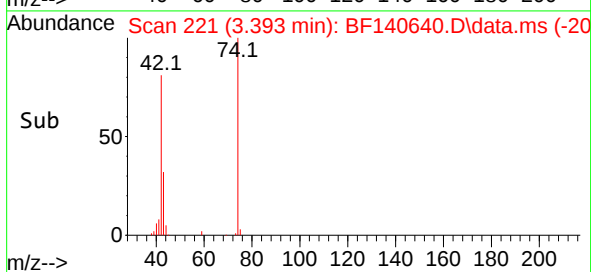
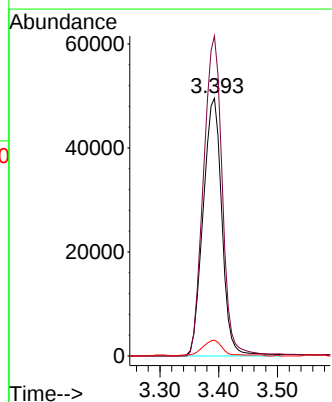
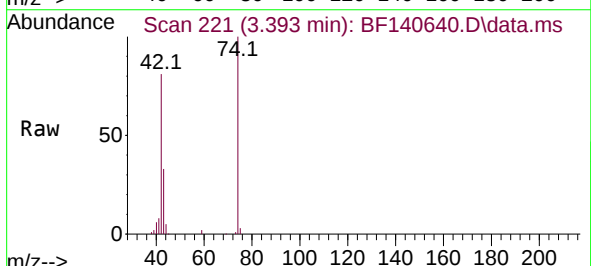
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Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 45.581 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.012 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion: 42 Resp: 110007
Ion Ratio Lower Upper
42 100
74 124.1 93.8 140.6
44 6.1 4.6 6.8





#5
2-Fluorophenol
Concen: 101.968 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

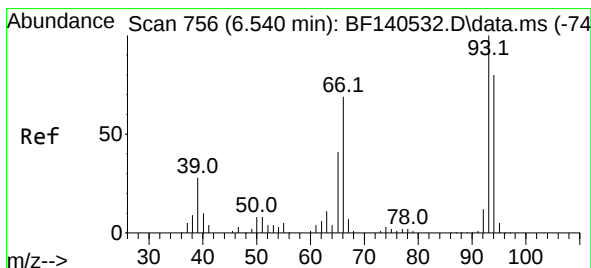
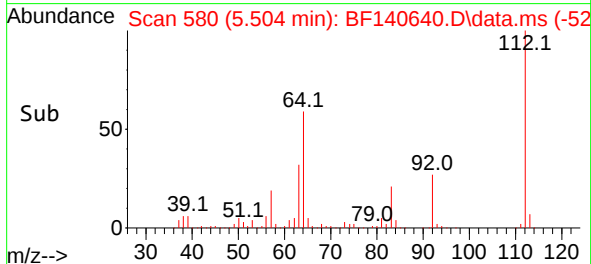
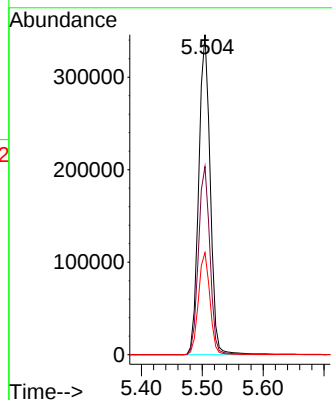
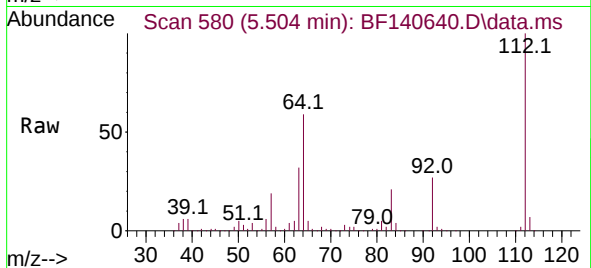
PH2-BOT-006MSD

Tgt Ion:112 Resp: 452634
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.9 27.0 40.4

Manual Integrations

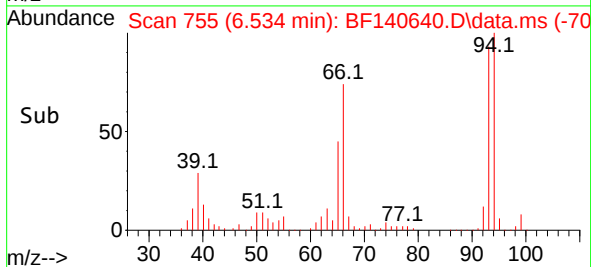
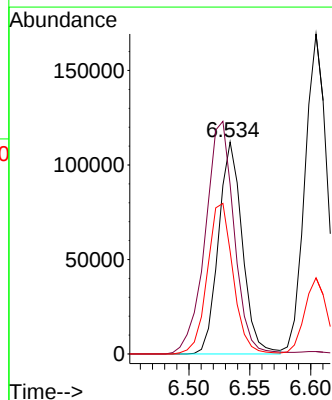
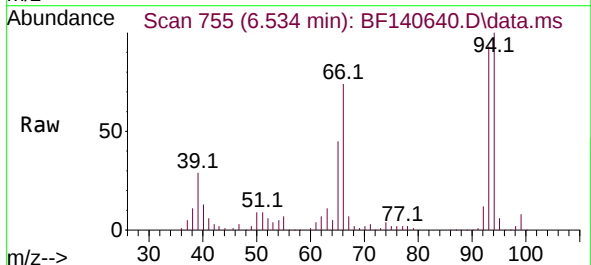
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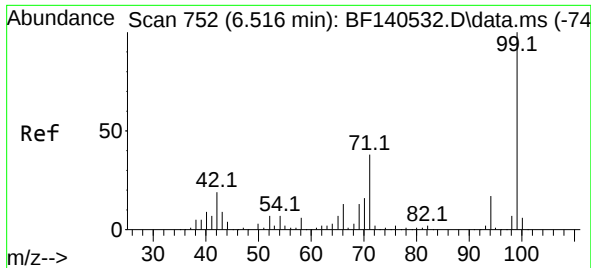
Reviewed By :Yogesh Patel 11/27/2024
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#6
Aniline
Concen: 36.906 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

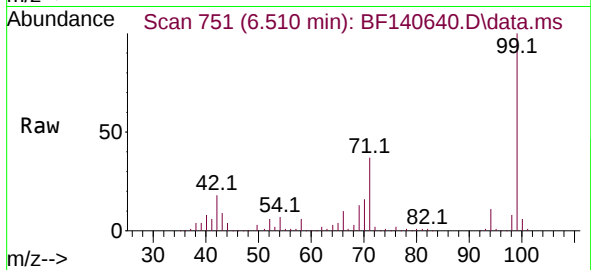
Tgt Ion: 93 Resp: 152440
Ion Ratio Lower Upper
93 100
66 79.9 56.5 84.7
65 48.4 32.9 49.3





#7
Phenol-d6
Concen: 102.586 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

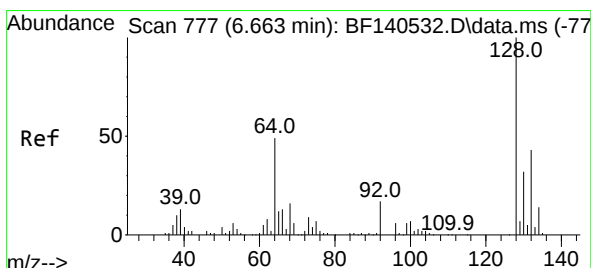
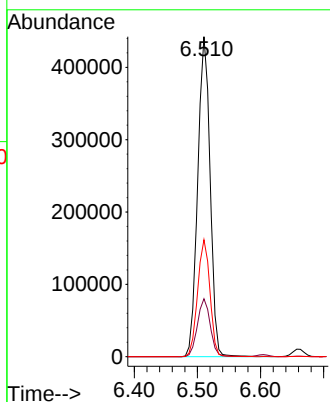
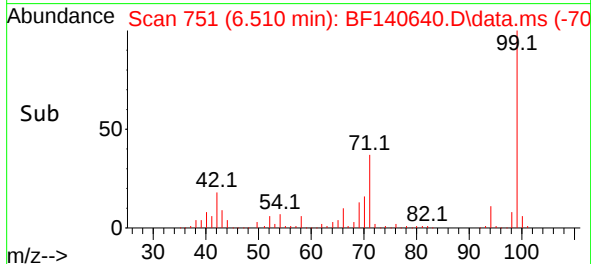
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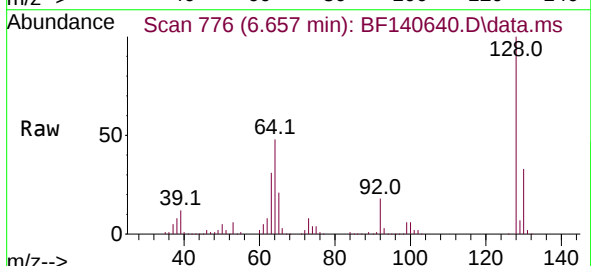
Tgt Ion: 99 Resp: 60201
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.6 30.6 46.0

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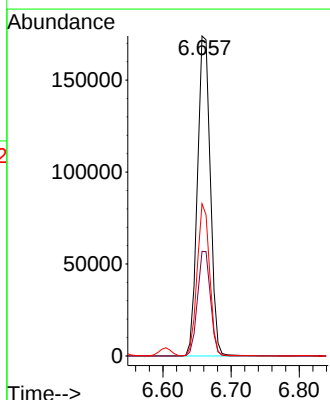
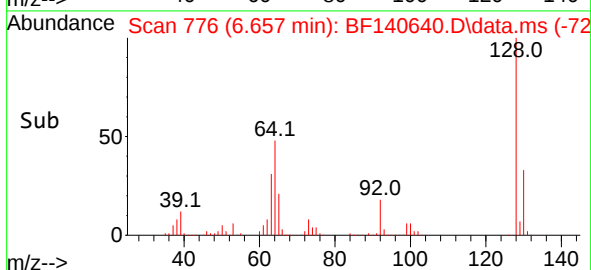
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#8
2-Chlorophenol
Concen: 47.903 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:128 Resp: 228770
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 47.6 30.2 70.2





#9

Benzaldehyde

Concen: 6.187 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

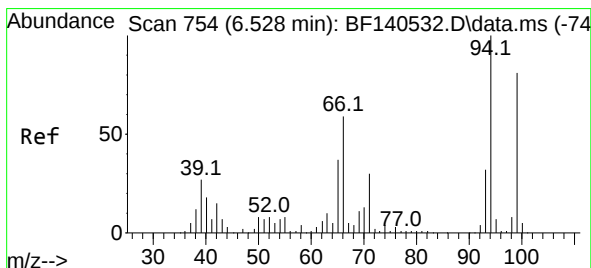
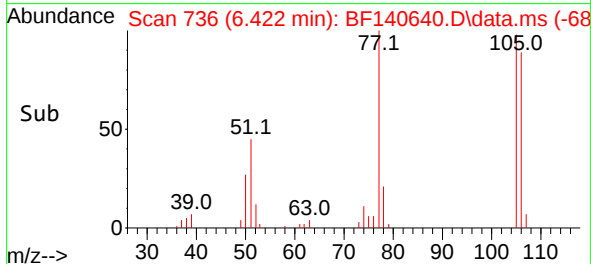
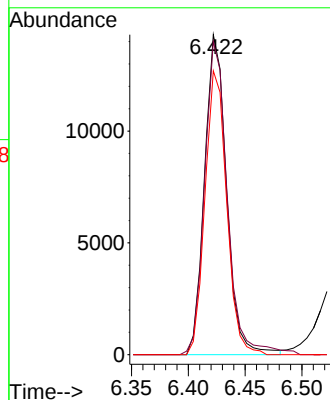
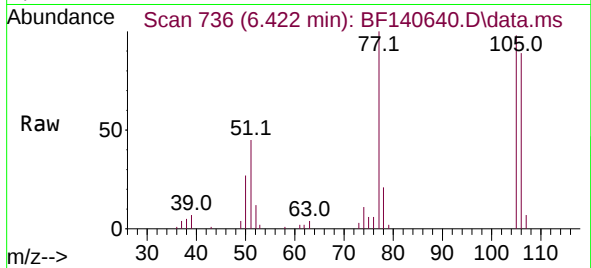
Tgt Ion: 77	Resp: 1922
Ion Ratio	Lower Upper
77 100	
105 97.9	75.6 115.6
106 88.7	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 48.149 ng

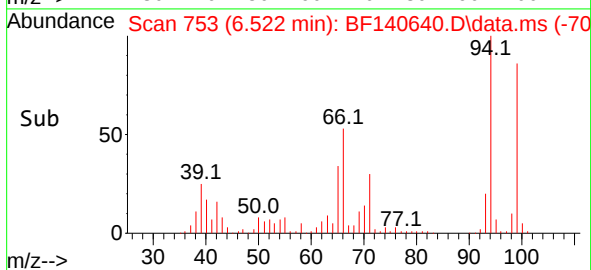
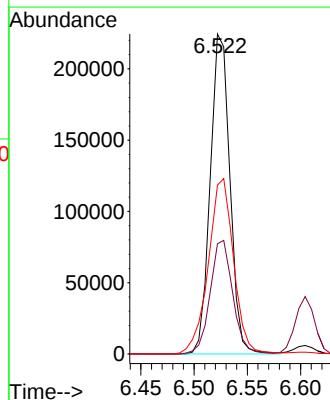
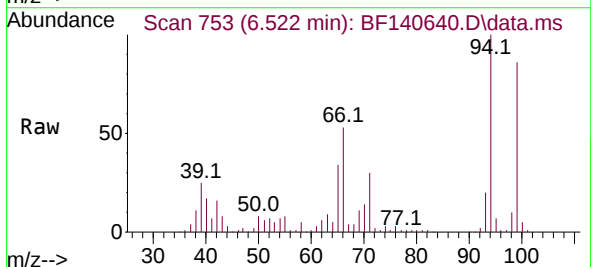
RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

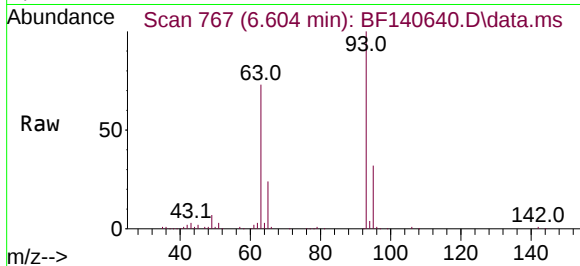
Tgt Ion: 94	Resp: 288564
Ion Ratio	Lower Upper
94 100	
65 34.4	17.2 57.2
66 52.8	39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 46.369 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

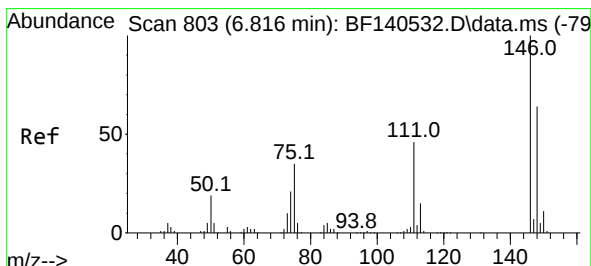
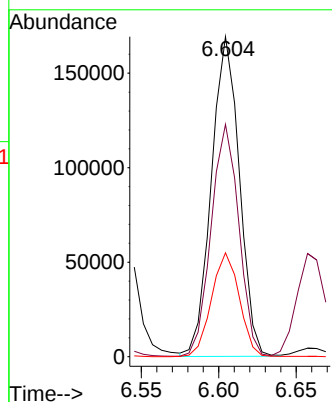
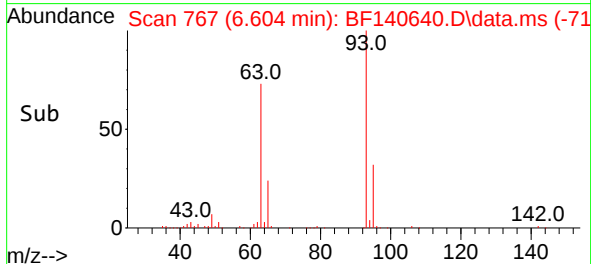
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



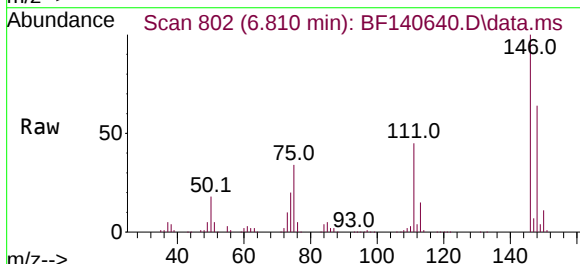
Tgt Ion: 93 Resp: 212654
Ion Ratio Lower Upper
93 100
63 72.6 52.8 92.8
95 32.4 12.3 52.3

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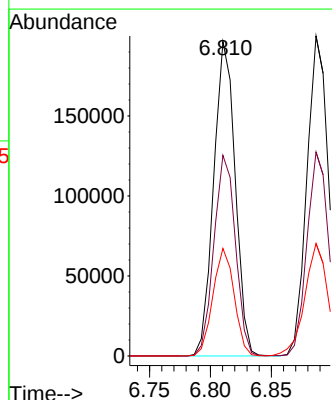
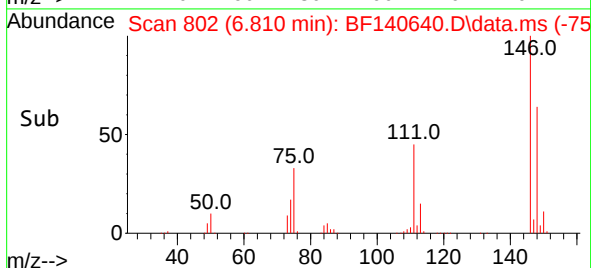
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 45.057 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:146 Resp: 241782
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 34.2 28.2 42.2





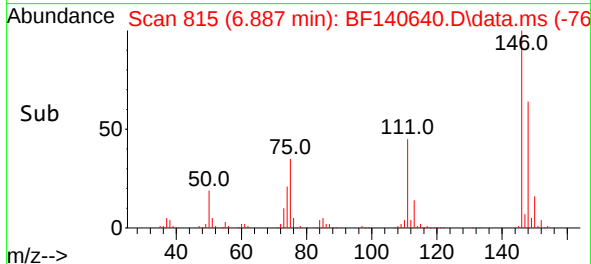
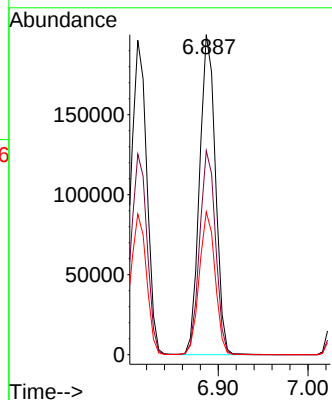
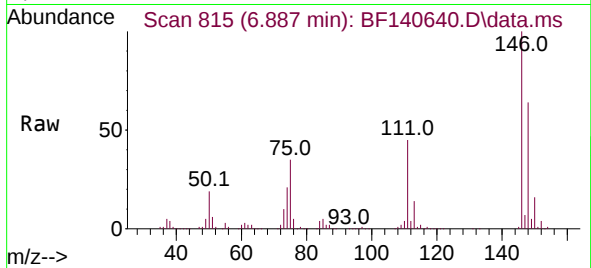
#13
1,4-Dichlorobenzene
Concen: 45.313 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:146 Resp: 246200
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.6 35.3 52.9

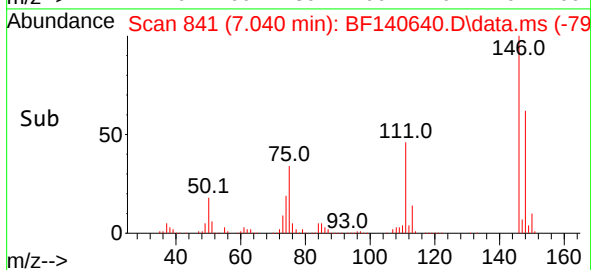
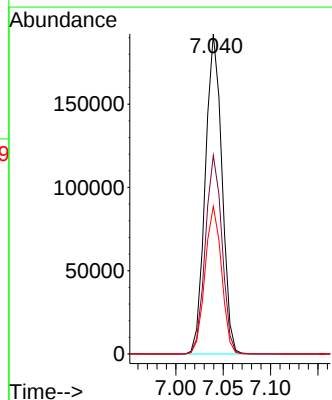
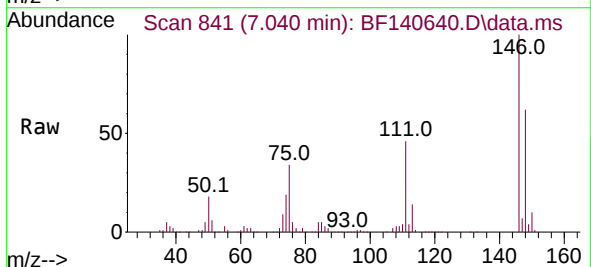
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 46.062 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

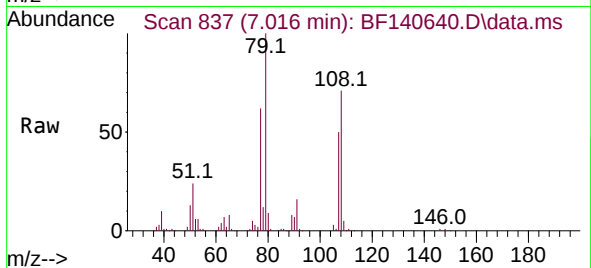
Tgt Ion:146 Resp: 234514
Ion Ratio Lower Upper
146 100
148 62.0 50.5 75.7
111 46.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.827 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

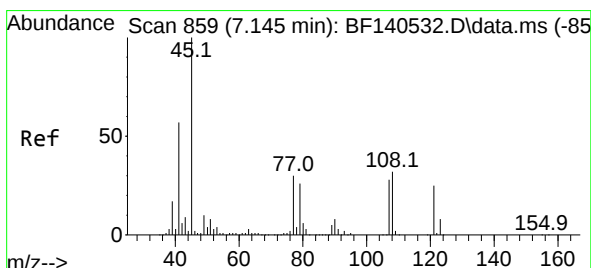
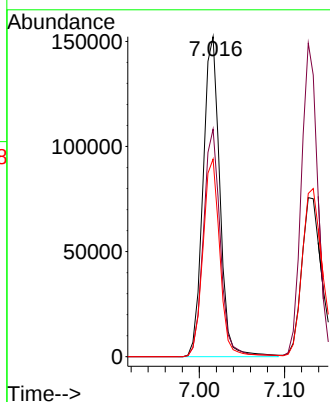
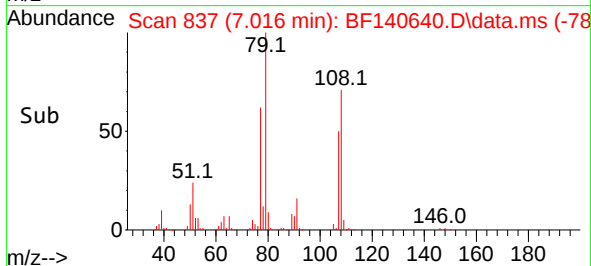
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



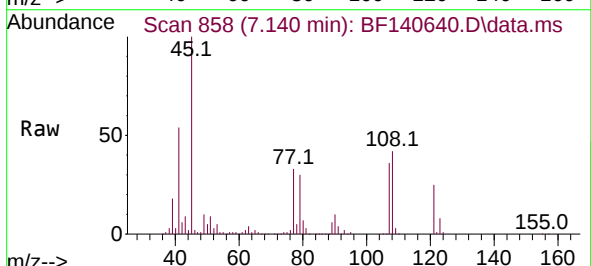
Tgt Ion: 79 Resp: 208144
Ion Ratio Lower Upper
79 100
108 71.1 55.0 82.6
77 61.8 50.1 75.1

Manual Integrations
APPROVED

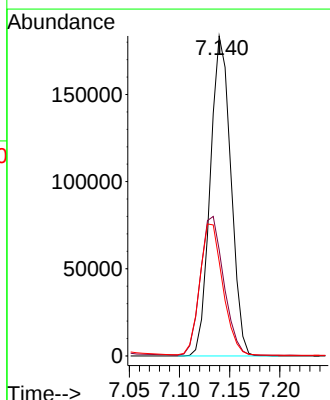
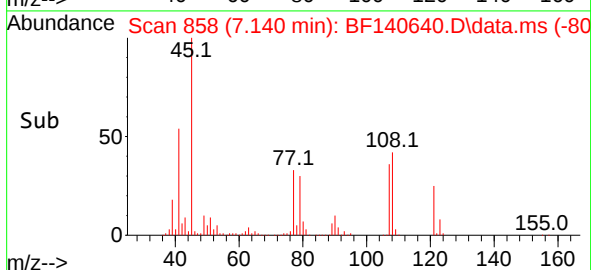
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

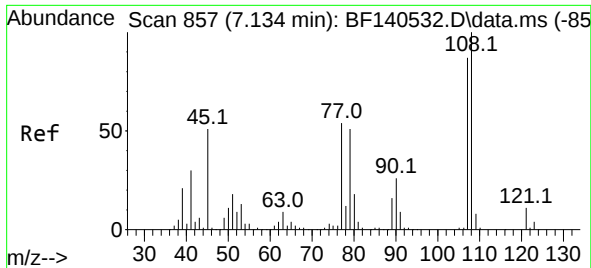


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.401 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion: 45 Resp: 262237
Ion Ratio Lower Upper
45 100
77 33.2 10.7 50.7
79 29.6 7.0 47.0





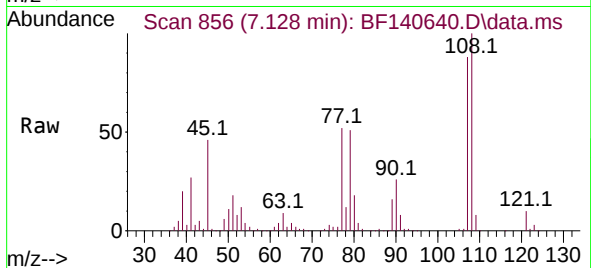
#17
2-Methylphenol
Concen: 45.615 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



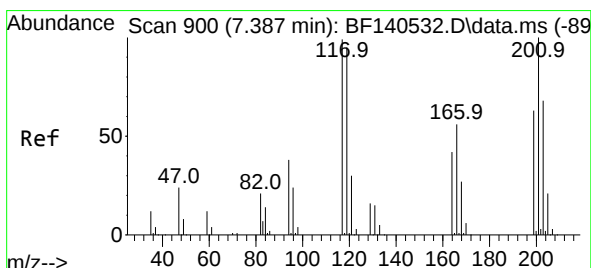
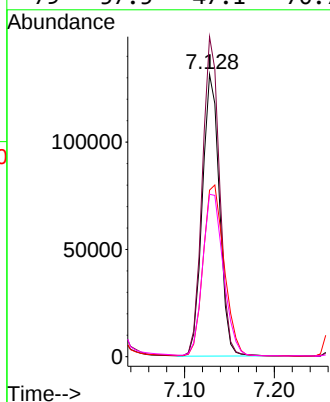
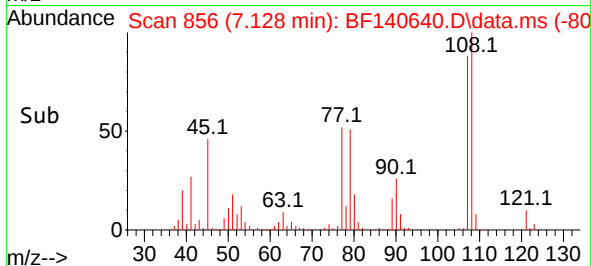
Tgt Ion:107 Resp: 174379
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 59.0 49.3 73.9
79 57.5 47.1 70.7

Manual Integrations

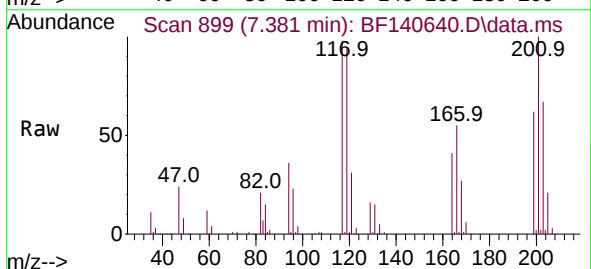
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

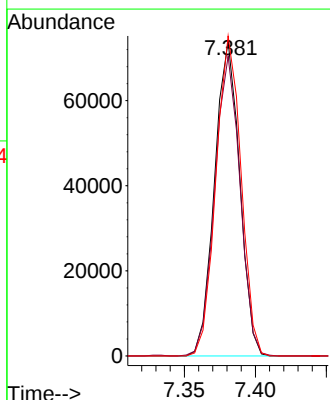
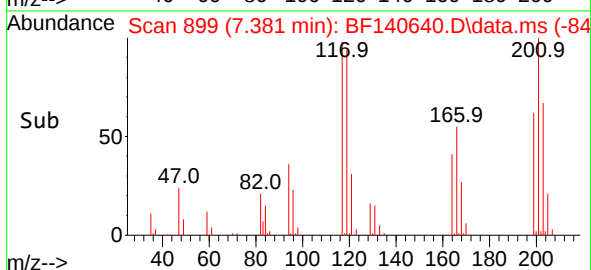
Supervised By :mohammad ahmed 11/27/2024

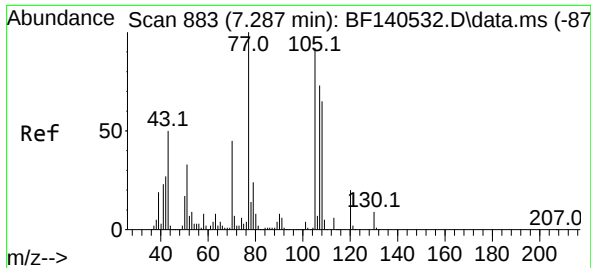


#18
Hexachloroethane
Concen: 44.686 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



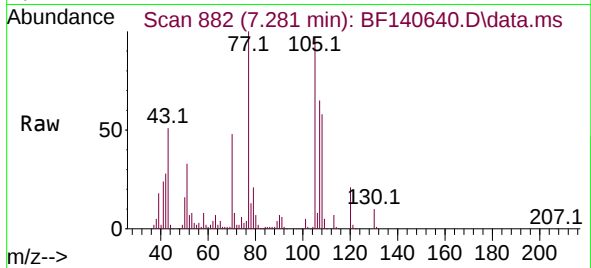
Tgt Ion:117 Resp: 90682
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7
201 101.8 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.960 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

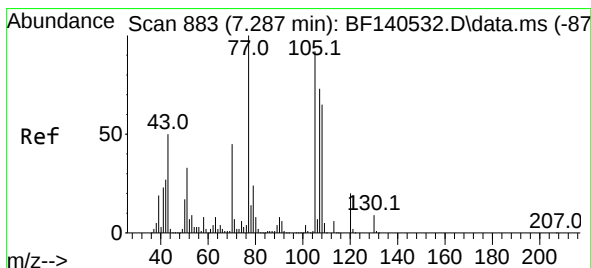
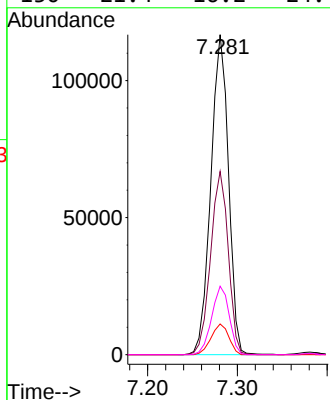
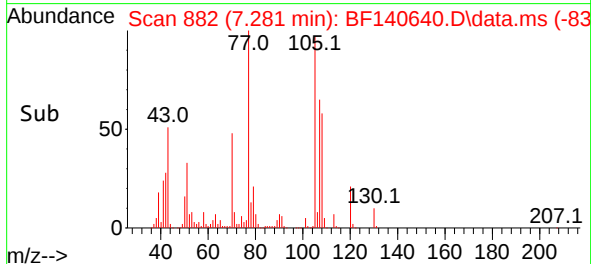
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion: 70 Resp: 159400
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 9.6 7.6 11.4
130 21.4 16.2 24.4

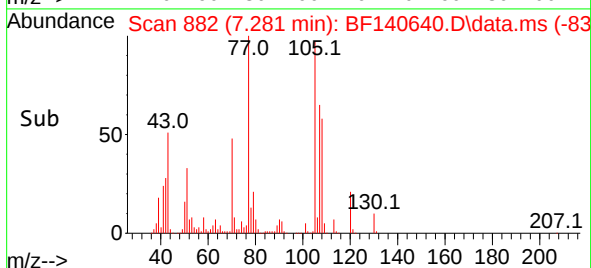
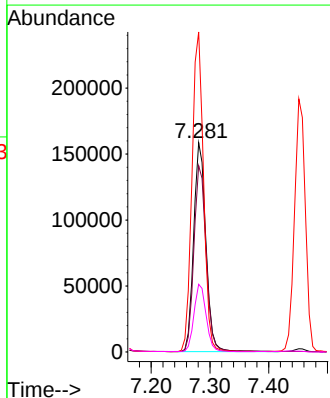
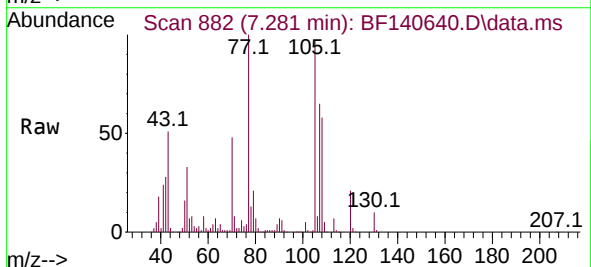
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 46.409 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:107 Resp: 228040
Ion Ratio Lower Upper
107 100
108 89.0 69.9 109.9
77 152.9 117.7 157.7
79 32.4 13.4 53.4





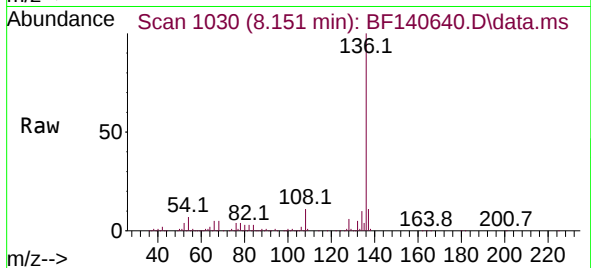
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



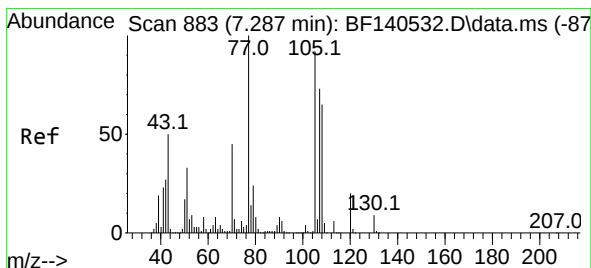
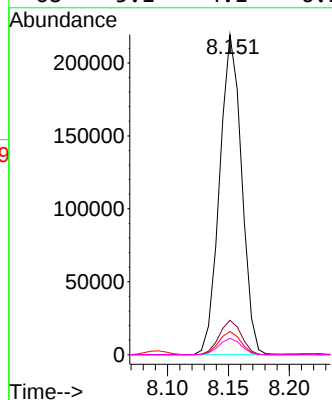
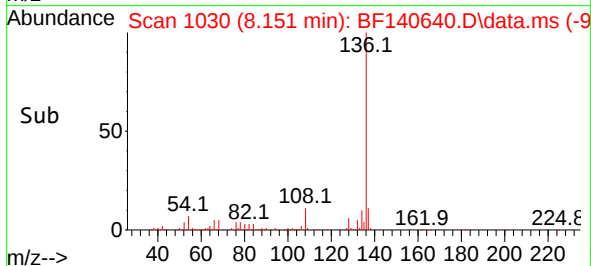
Tgt Ion:136 Resp: 27598
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

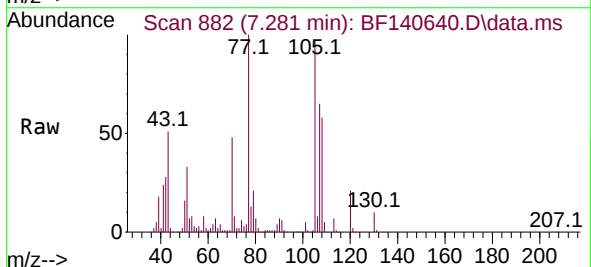
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

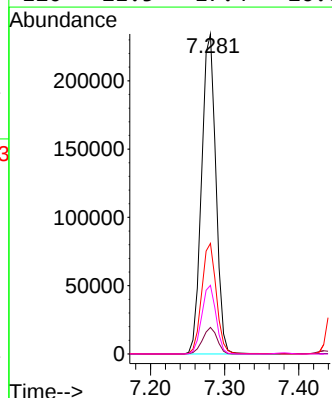
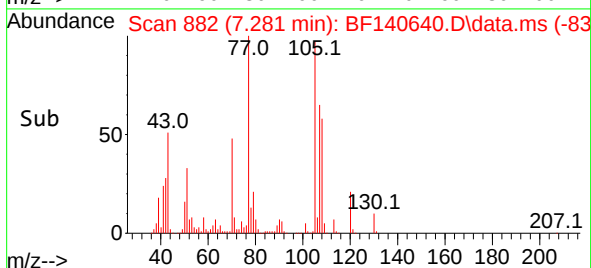
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 46.572 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:105 Resp: 313349
Ion Ratio Lower Upper
105 100
71 8.3 6.2 9.2
51 34.6 29.0 43.6
120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 71.906 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

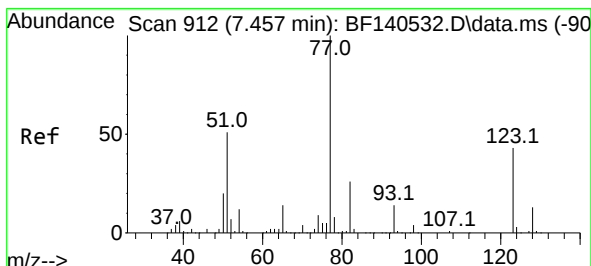
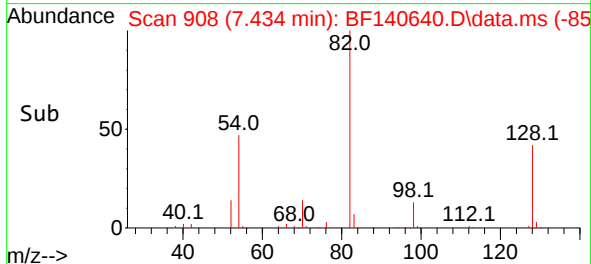
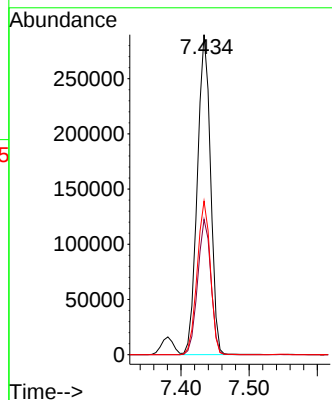
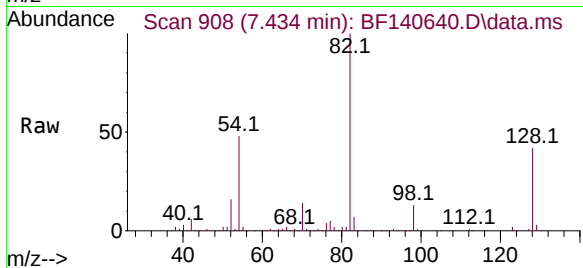
PH2-BOT-006MSD

Tgt Ion: 82 Resp: 387960
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.0 49.4
 54 48.0 39.5 59.3

Manual Integrations

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



#24

Nitrobenzene

Concen: 43.970 ng

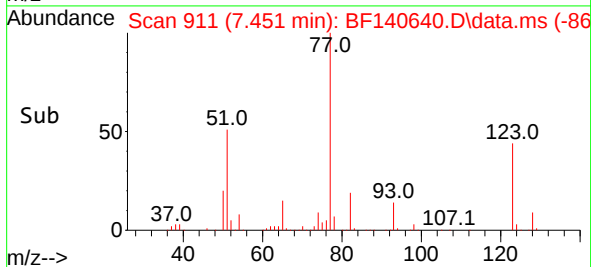
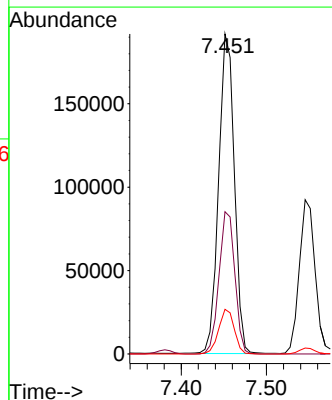
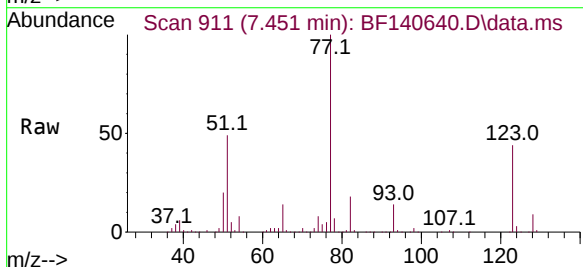
RT: 7.451 min Scan# 911

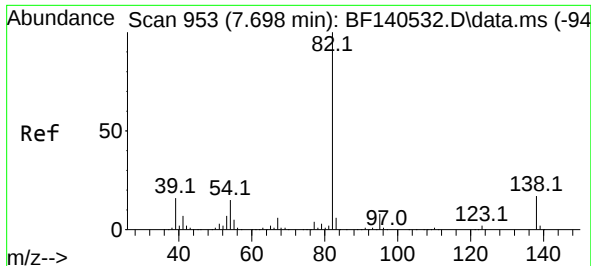
Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion: 77 Resp: 245197
 Ion Ratio Lower Upper
 77 100
 123 44.4 34.3 51.5
 65 14.0 11.2 16.8





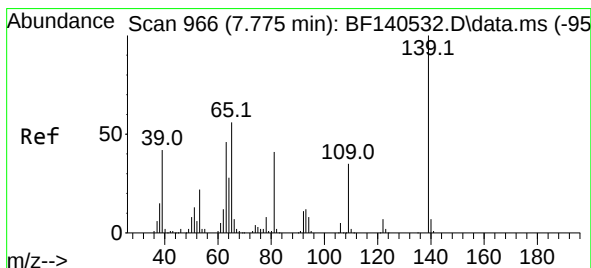
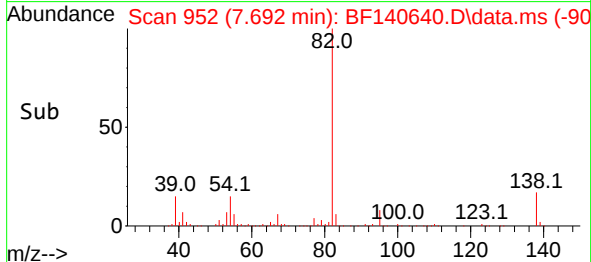
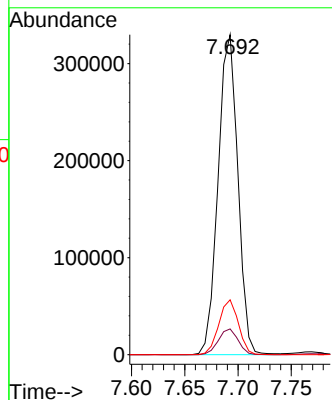
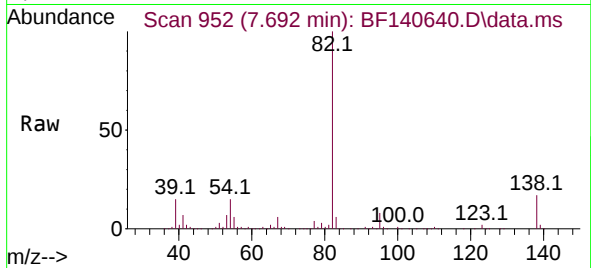
#25
Isophorone
Concen: 47.196 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion: 82 Resp: 424720
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6

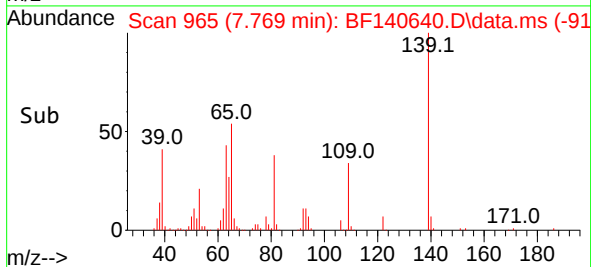
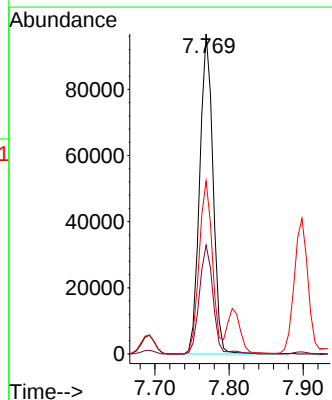
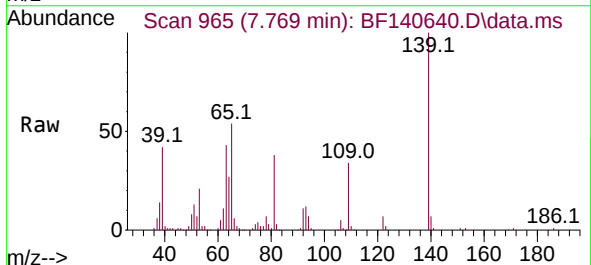
Manual Integrations
APPROVED

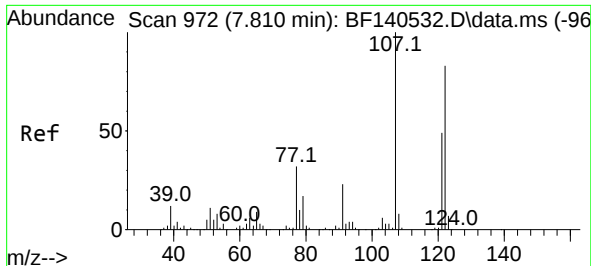
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 48.984 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:139 Resp: 121050
Ion Ratio Lower Upper
139 100
109 34.0 28.0 42.0
65 54.1 44.6 67.0





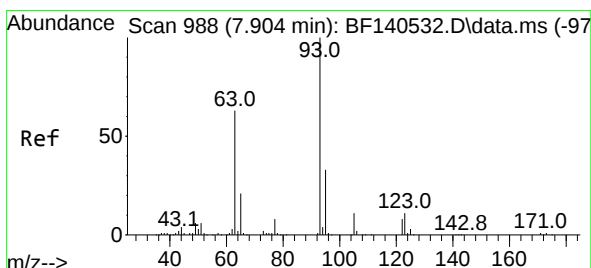
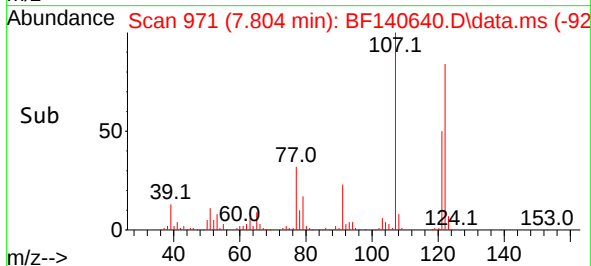
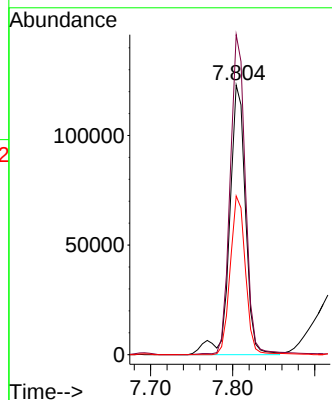
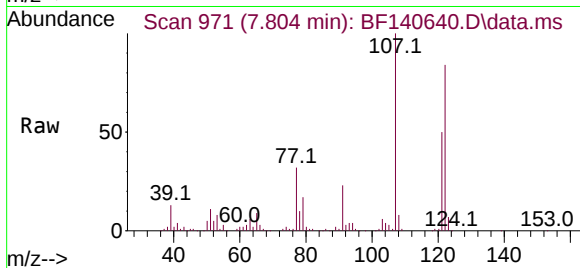
#27
2,4-Dimethylphenol
Concen: 55.969 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:122 Resp: 16548
Ion Ratio Lower Upper
122 100
107 118.7 96.8 145.2
121 58.9 47.4 71.0

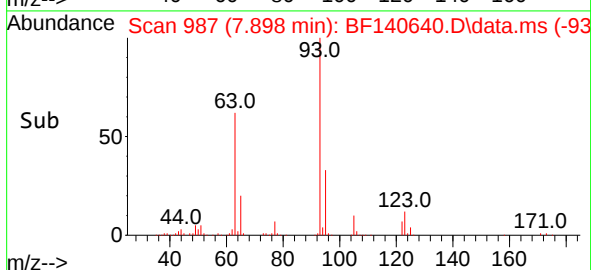
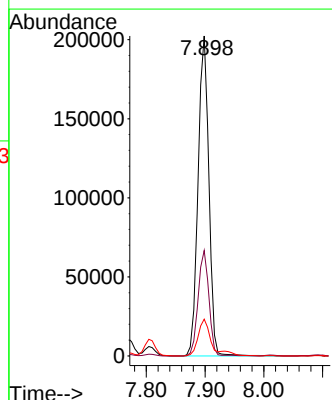
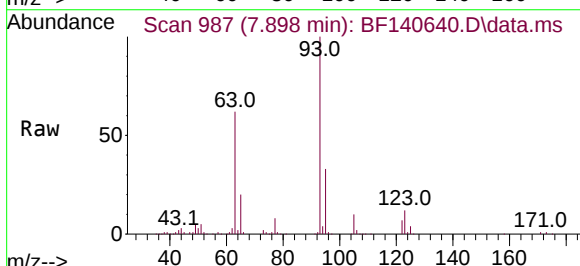
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 46.977 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion: 93 Resp: 257546
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.5 9.1 13.7





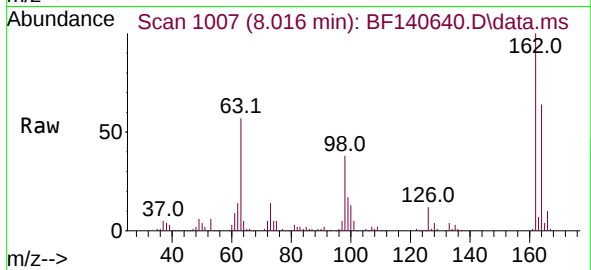
#29
2,4-Dichlorophenol
Concen: 47.761 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



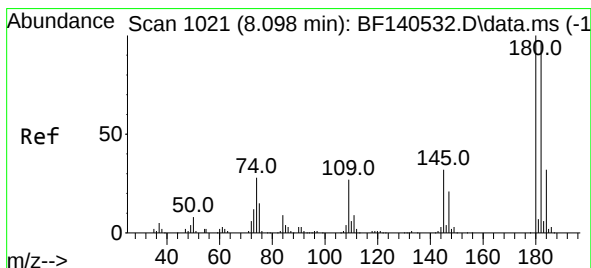
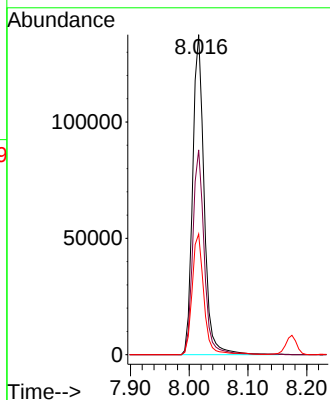
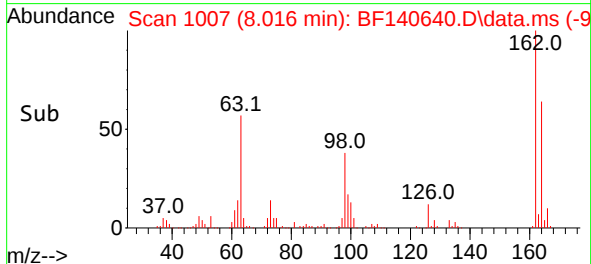
Tgt Ion:162 Resp: 187124
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 37.7 21.2 61.2

Manual Integrations

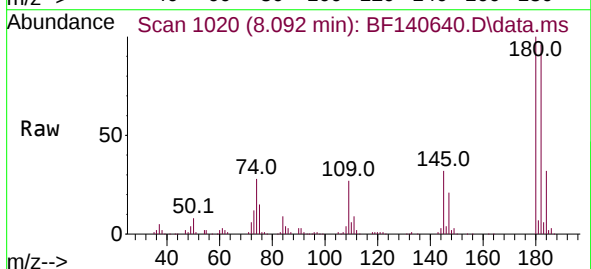
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

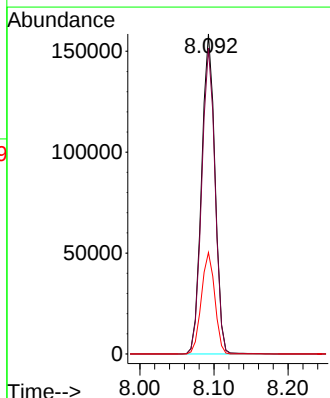
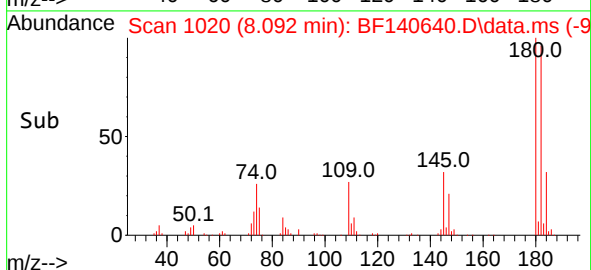
Supervised By :mohammad ahmed 11/27/2024

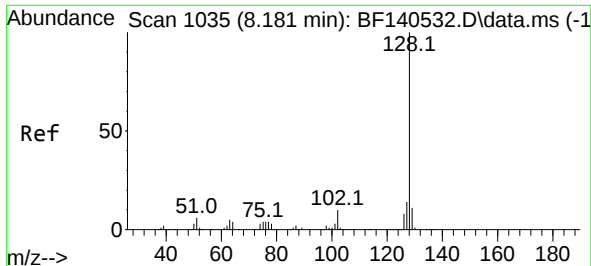


#30
1,2,4-Trichlorobenzene
Concen: 44.561 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:180 Resp: 199338
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 31.7 25.9 38.9





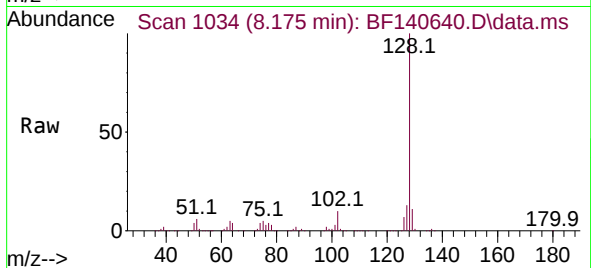
#31
Naphthalene
Concen: 46.473 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



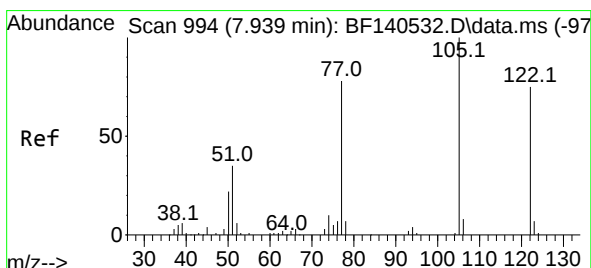
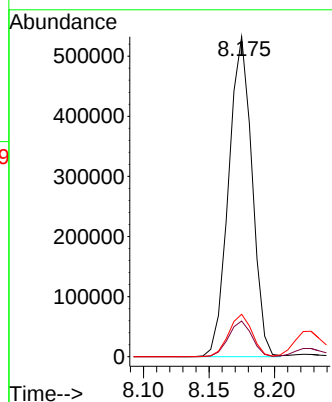
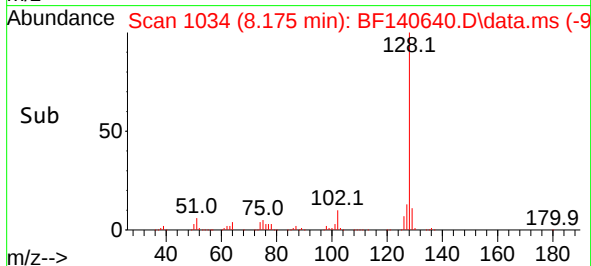
Tgt Ion:128 Resp: 660640
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

APPROVED

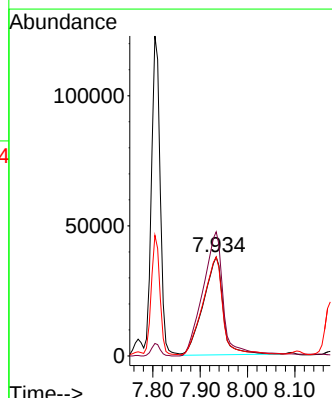
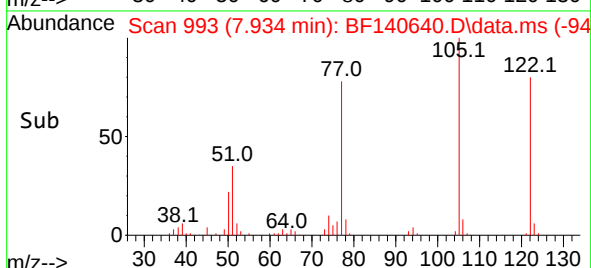
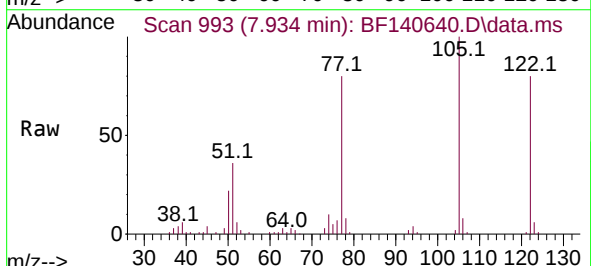
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 43.147 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.005 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:122 Resp: 108817
Ion Ratio Lower Upper
122 100
105 125.5 109.3 149.3
77 100.1 82.3 122.3





#33
4-Chloroaniline
Concen: 19.996 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

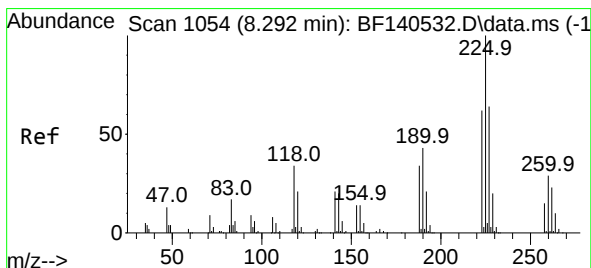
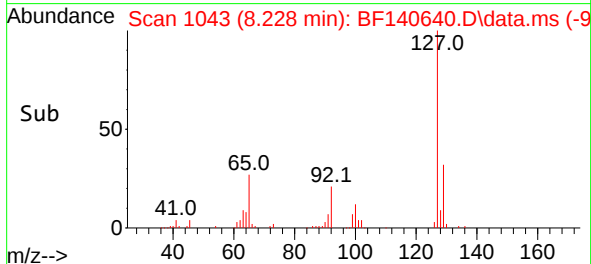
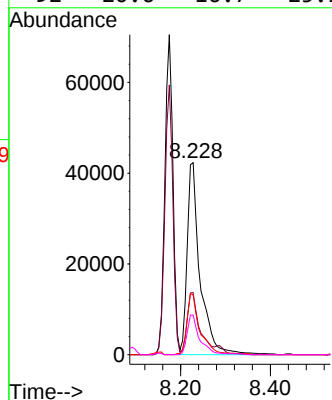
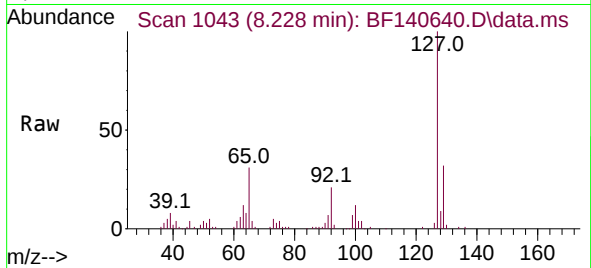
Tgt Ion:	127	Resp:	8510
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.0	39.0
65	31.1	26.0	39.0
92	20.6	16.7	25.1

Manual Integrations

APPROVED

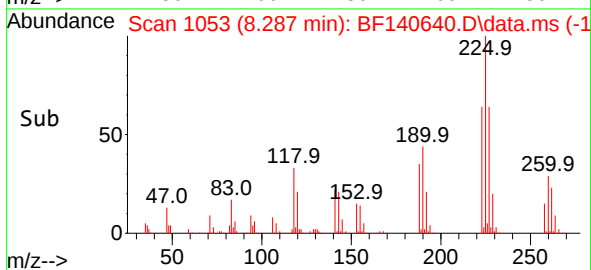
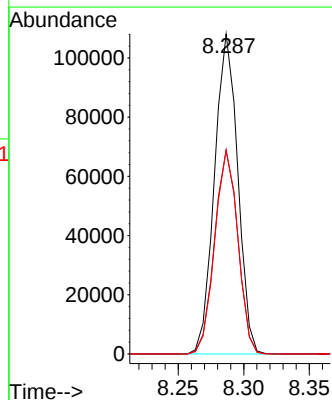
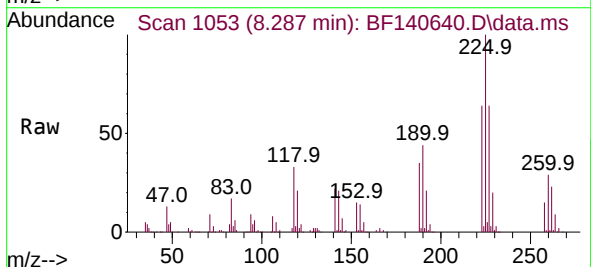
Reviewed By :Yogesh Patel 11/27/2024

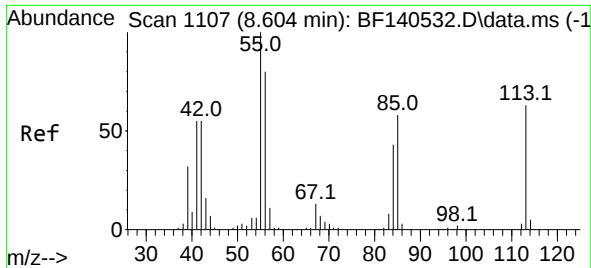
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 44.936 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:	225	Resp:	133144
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.8	74.8
227	63.6	51.3	76.9





#35
Caprolactam
Concen: 48.409 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

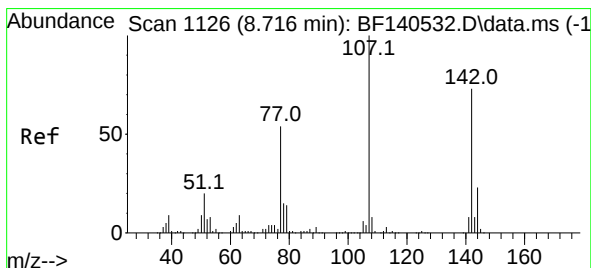
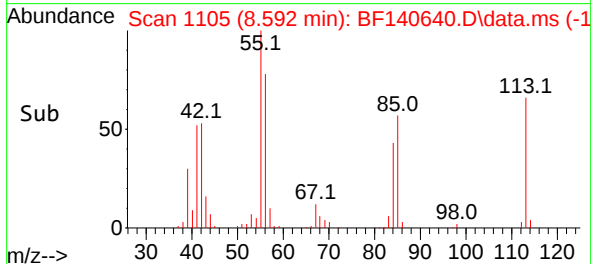
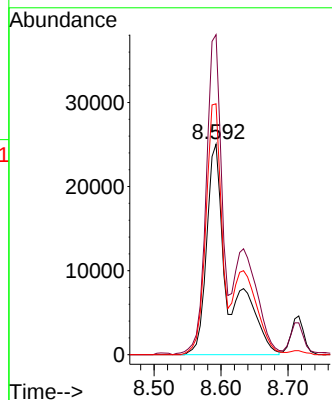
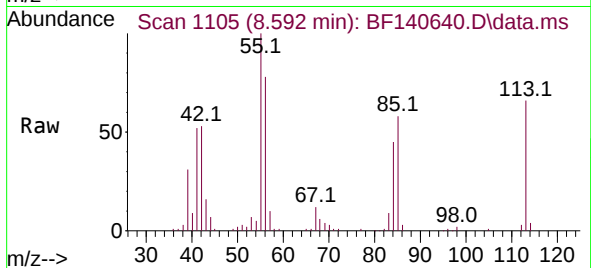
ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:113 Resp: 5869
Ion Ratio Lower Upper
113 100
55 152.1 137.7 177.7
56 119.2 106.4 146.4

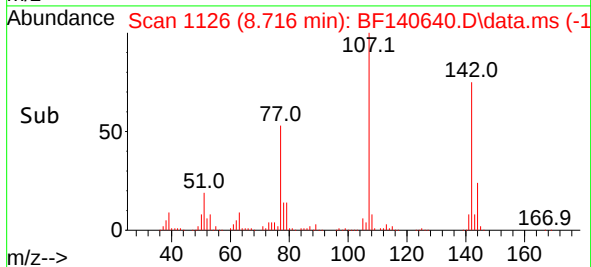
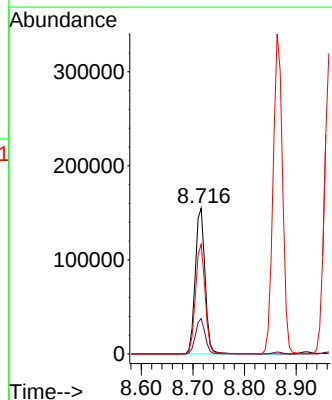
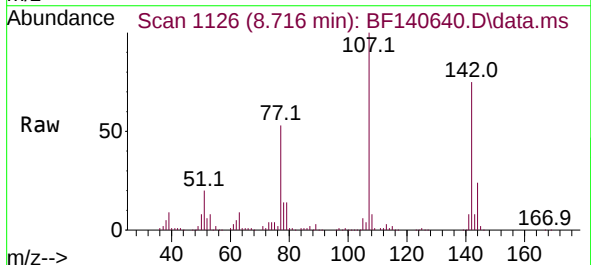
Manual Integrations
APPROVED

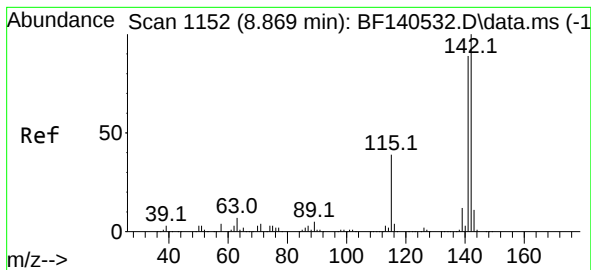
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 46.504 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:107 Resp: 203995
Ion Ratio Lower Upper
107 100
144 24.2 18.7 28.1
142 75.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 47.743 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:142 Resp: 431078

Ion Ratio Lower Upper

142 100

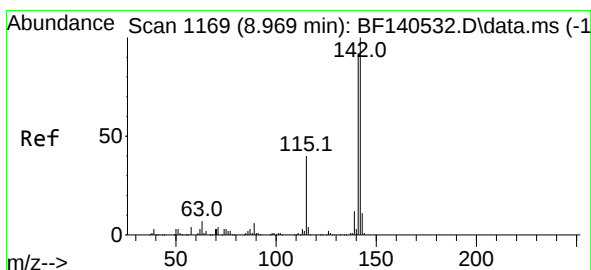
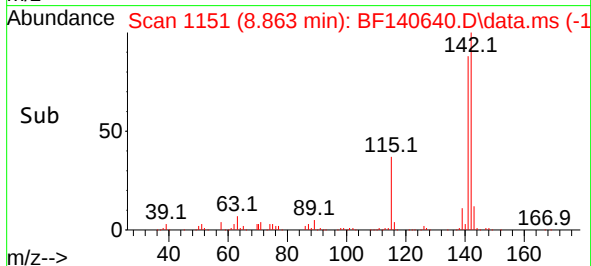
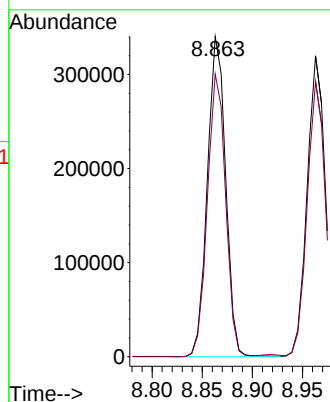
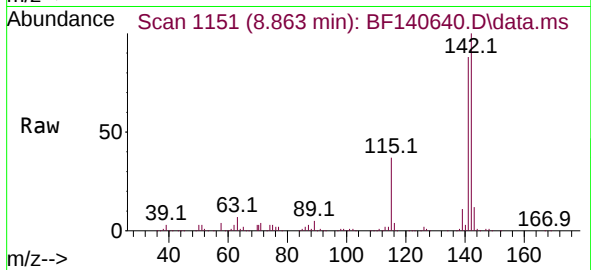
141 88.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 45.104 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140640.D

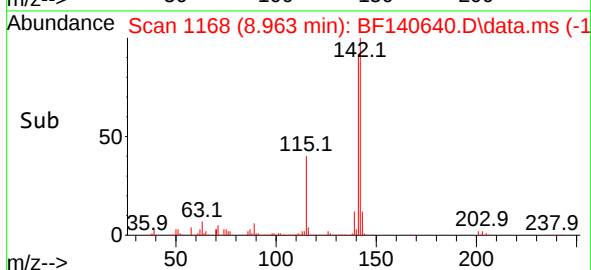
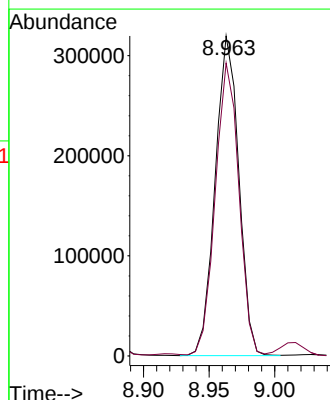
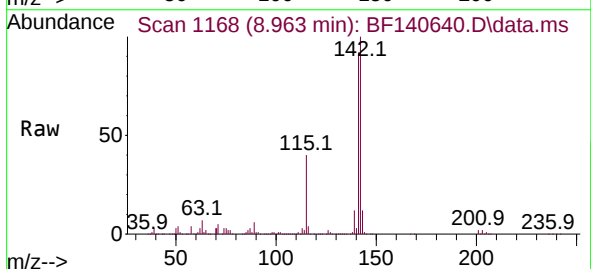
Acq: 26 Nov 2024 14:29

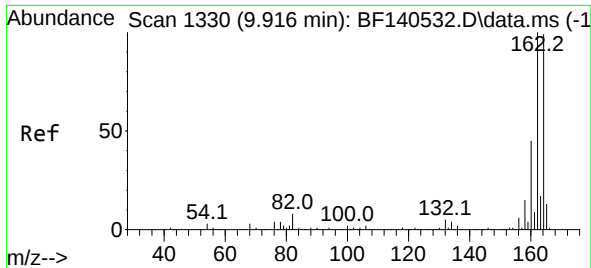
Tgt Ion:142 Resp: 399182

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9





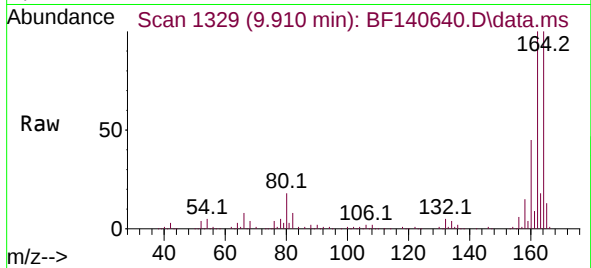
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNF_F

ClientSampleId :

PH2-BOT-006MSD



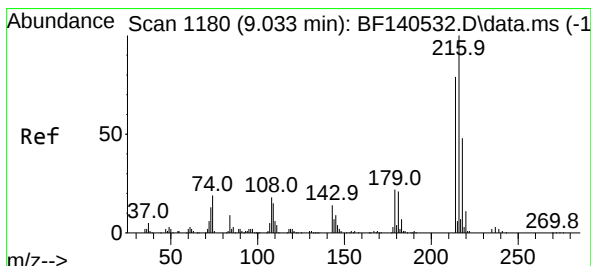
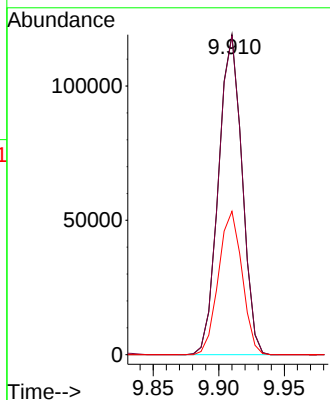
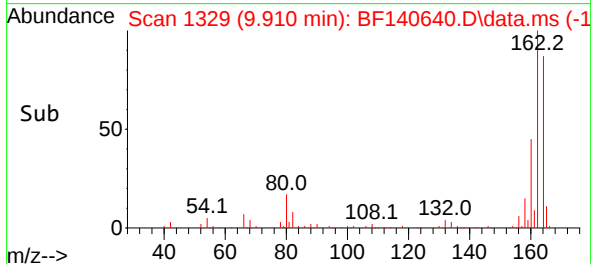
Tgt Ion:164 Resp: 148258
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.8 36.2 54.4

Manual Integrations

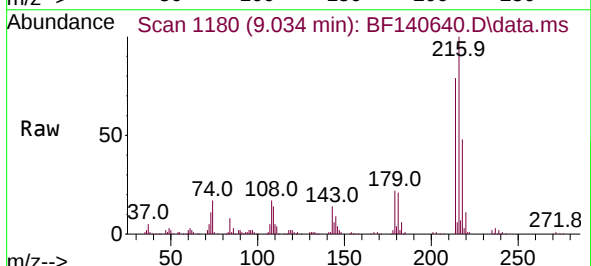
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

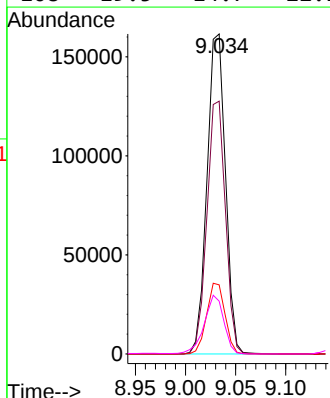
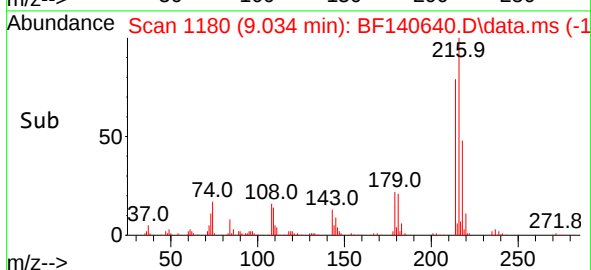
Supervised By :mohammad ahmed 11/27/2024

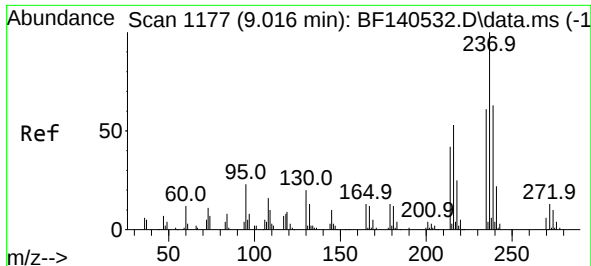


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.773 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



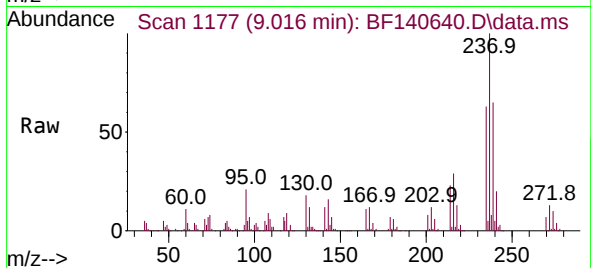
Tgt Ion:216 Resp: 207346
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 22.0 17.5 26.3
108 19.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 136.890 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

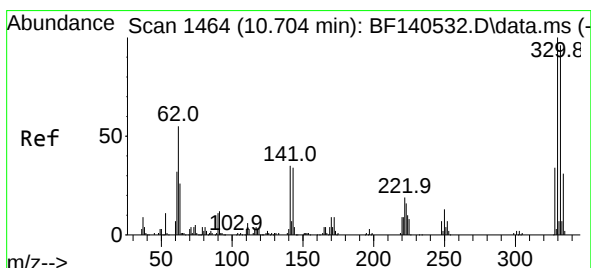
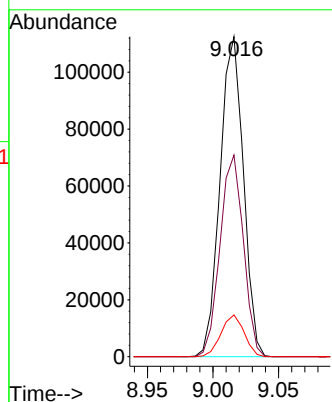
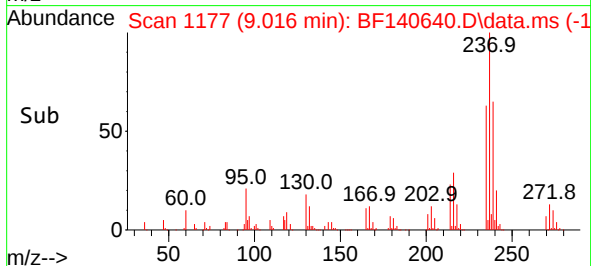
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



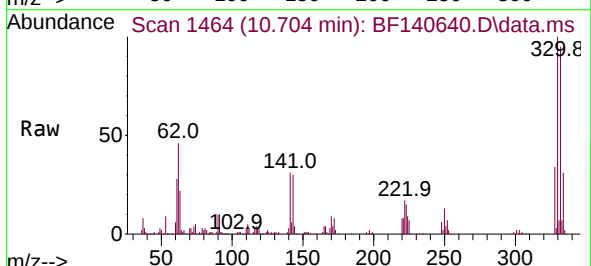
Tgt Ion:237 Resp: 139115
Ion Ratio Lower Upper
237 100
235 63.0 41.1 81.1
272 13.0 0.0 32.6

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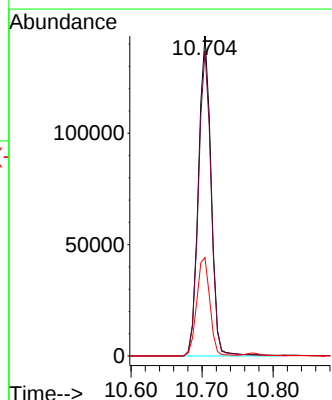
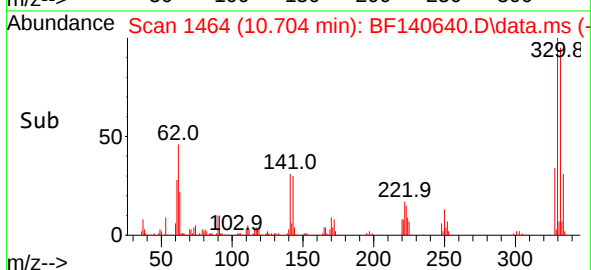
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

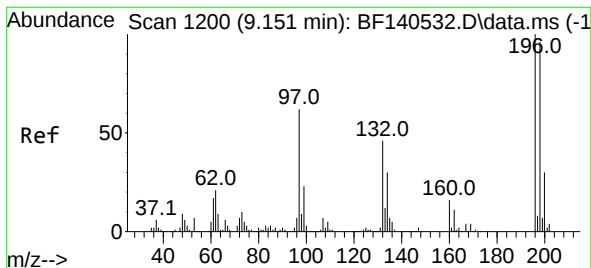


#42
2,4,6-Tribromophenol
Concen: 112.801 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



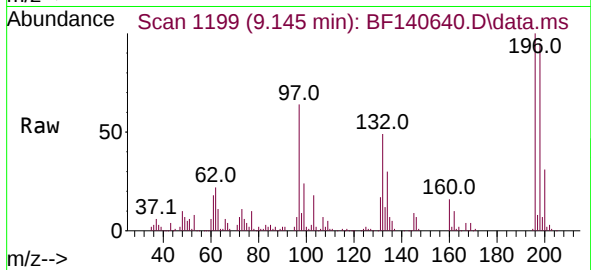
Tgt Ion:330 Resp: 178860
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 31.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 48.546 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

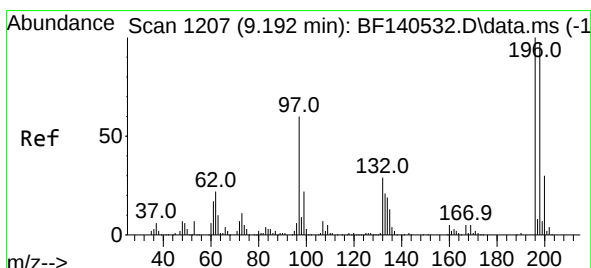
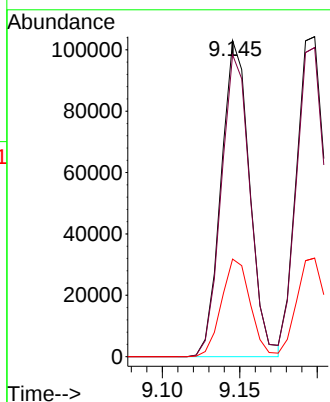
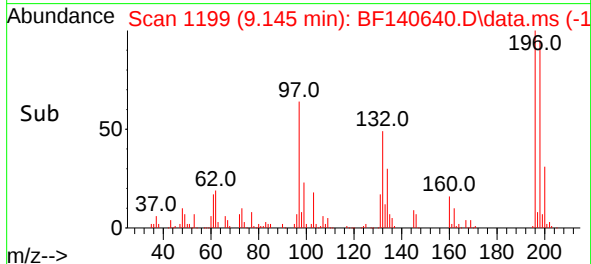
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



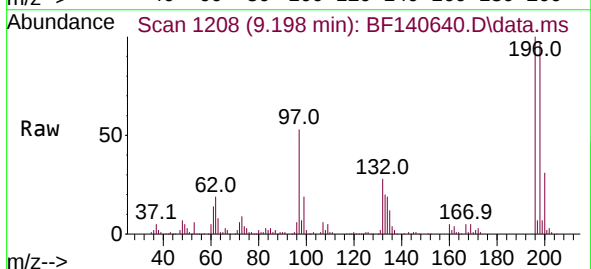
Tgt Ion:196 Resp: 132214
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
200 30.9 24.3 36.5

Manual Integrations
APPROVED

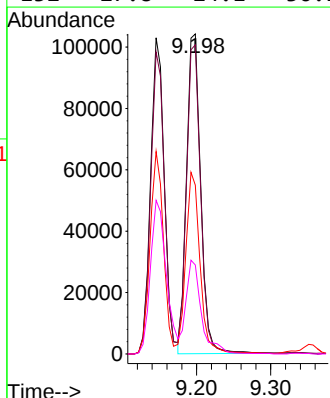
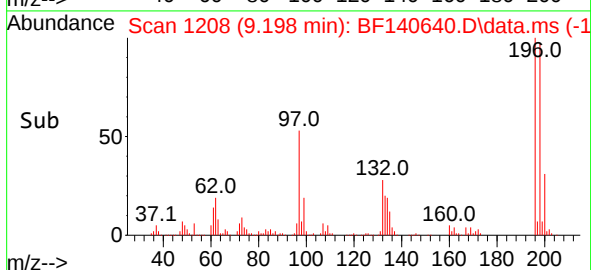
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

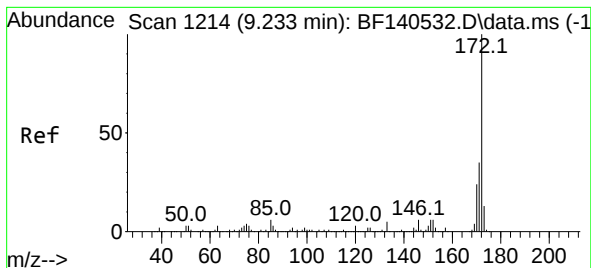


#44
2,4,5-Trichlorophenol
Concen: 47.142 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:196 Resp: 139339
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 52.8 47.1 70.7
132 27.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 73.556 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:172 Resp: 731930

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

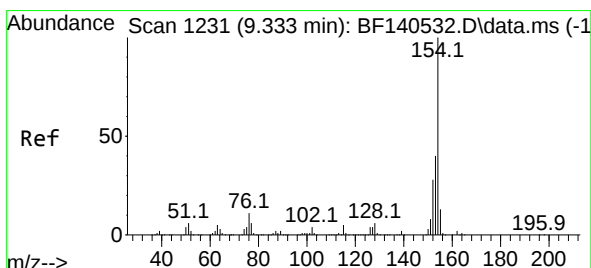
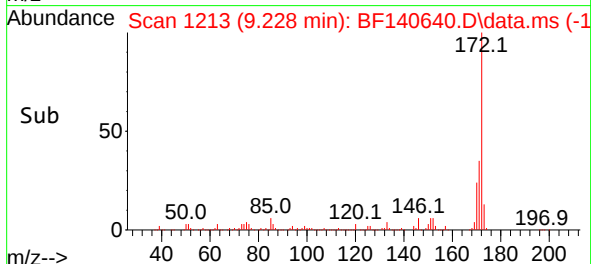
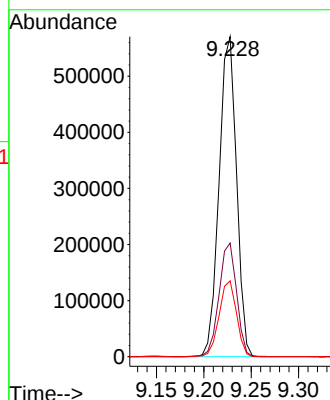
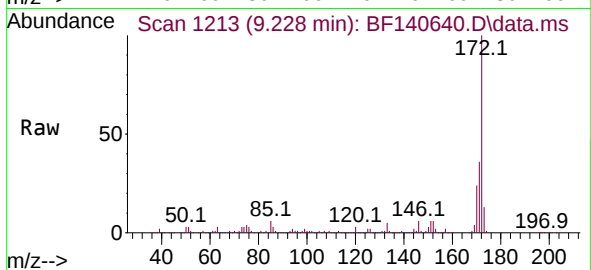
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 48.184 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

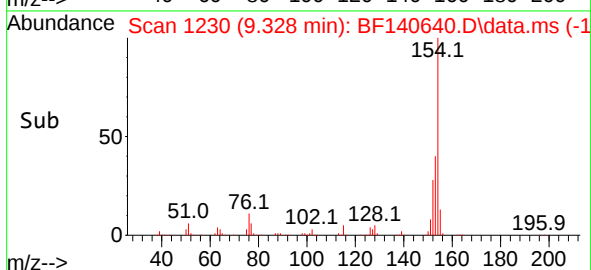
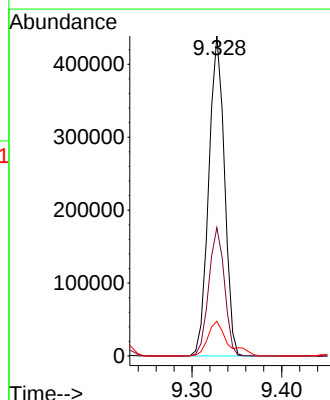
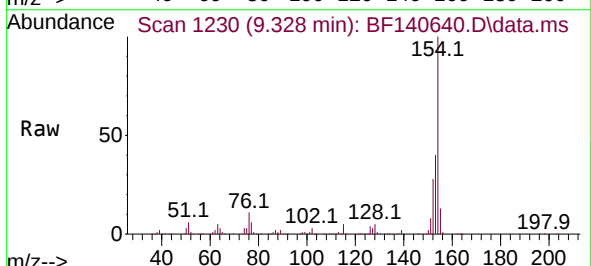
Tgt Ion:154 Resp: 533355

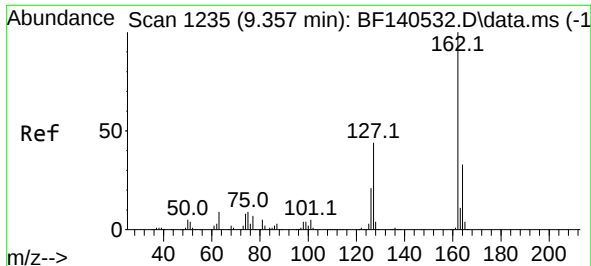
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.982 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

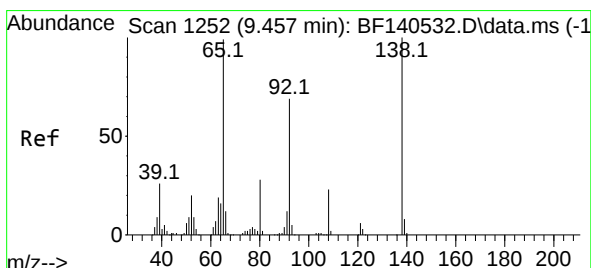
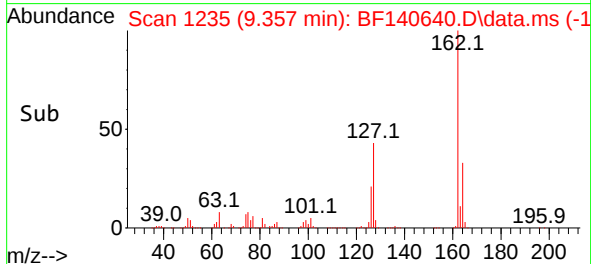
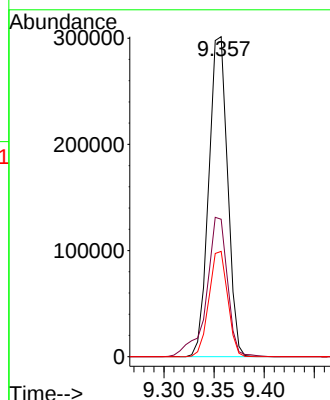
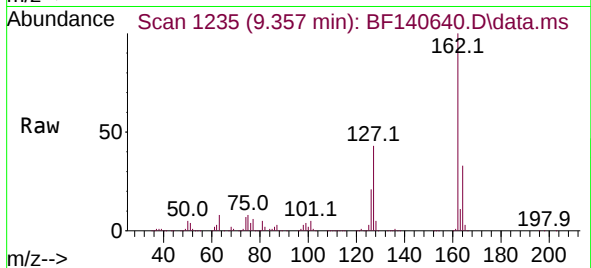
Tgt Ion:162 Resp: 394050
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.7 53.5
 164 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 48.204 ng

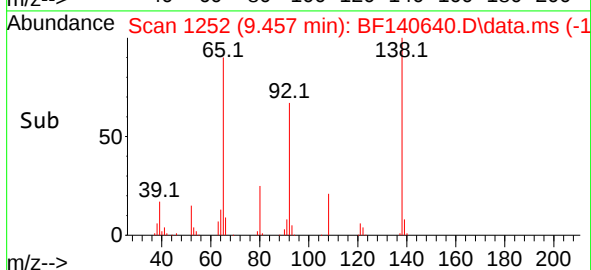
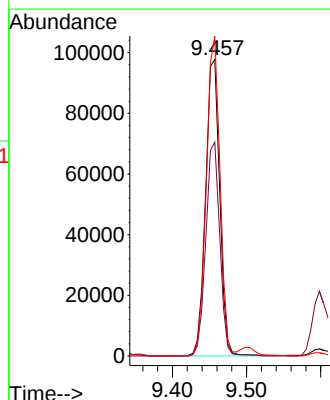
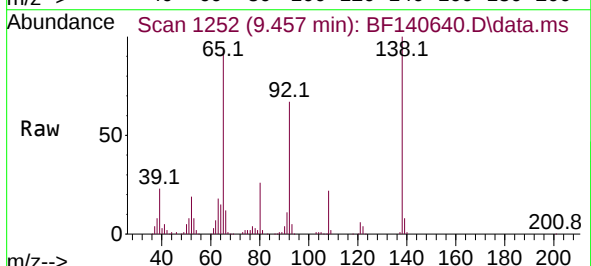
RT: 9.457 min Scan# 1252

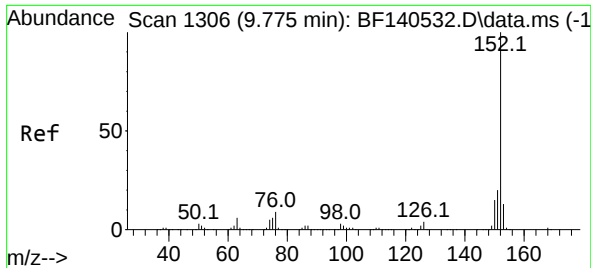
Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion: 65 Resp: 129772
 Ion Ratio Lower Upper
 65 100
 92 72.1 56.1 84.1
 138 107.9 81.0 121.6





#49
Acenaphthylene
Concen: 50.882 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNF_F

ClientSampleId :

PH2-BOT-006MSD

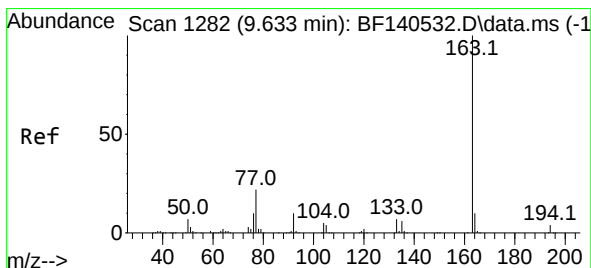
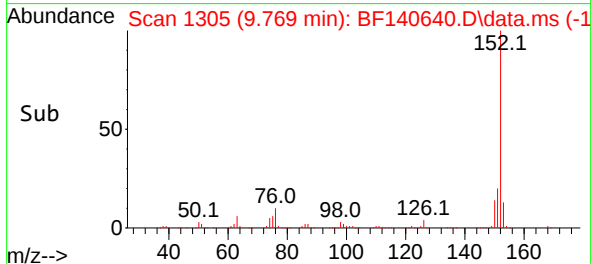
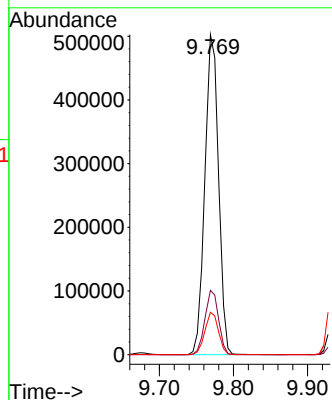
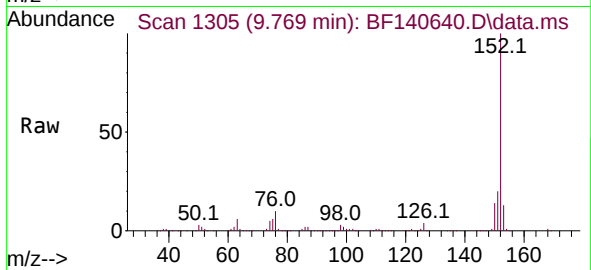
Tgt Ion:152 Resp: 644809
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

APPROVED

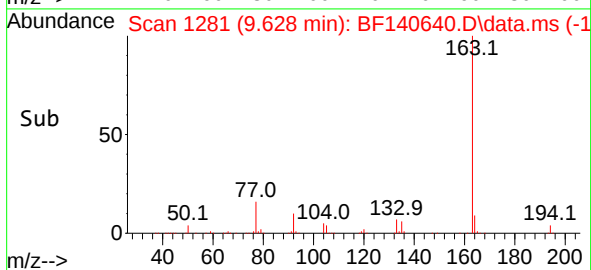
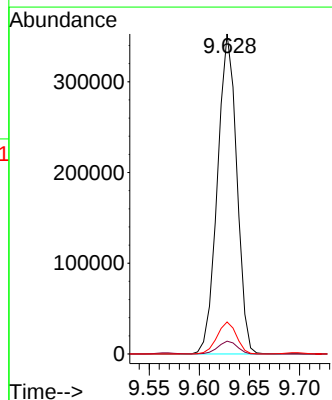
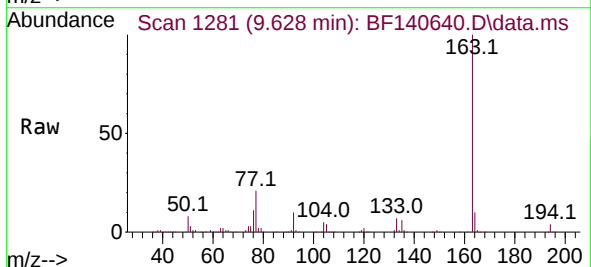
Reviewed By :Yogesh Patel 11/27/2024

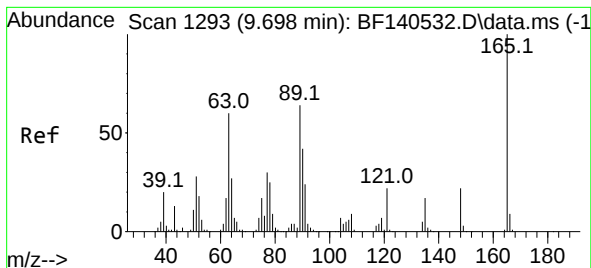
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 48.438 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

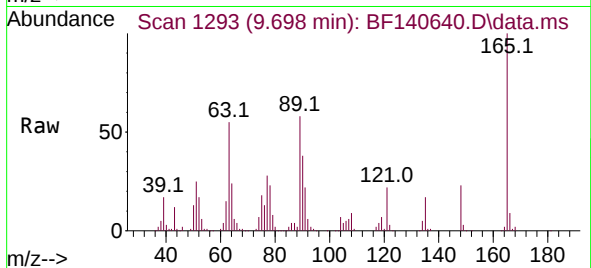
Tgt Ion:163 Resp: 472955
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.665 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

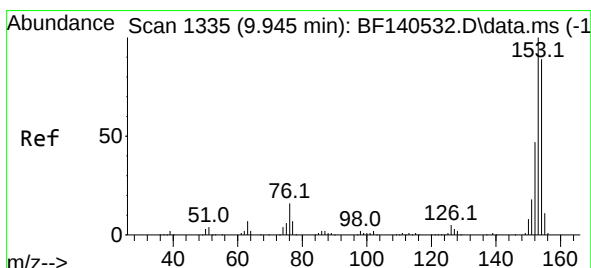
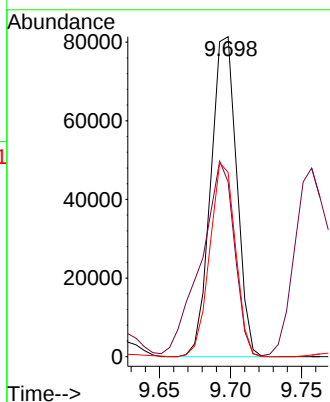
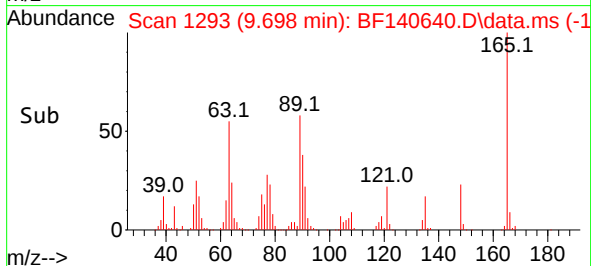
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



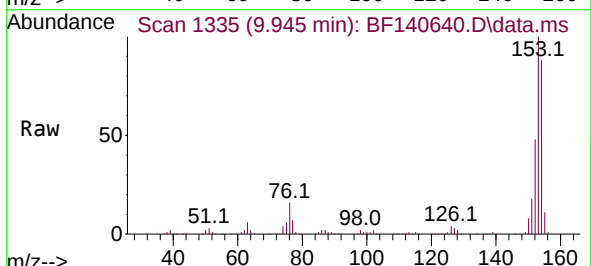
Tgt Ion:165 Resp: 103339
Ion Ratio Lower Upper
165 100
63 54.7 49.9 74.9
89 57.6 50.9 76.3

Manual Integrations
APPROVED

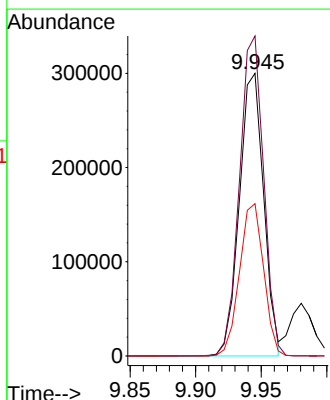
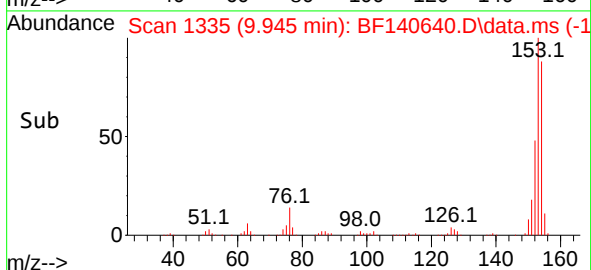
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

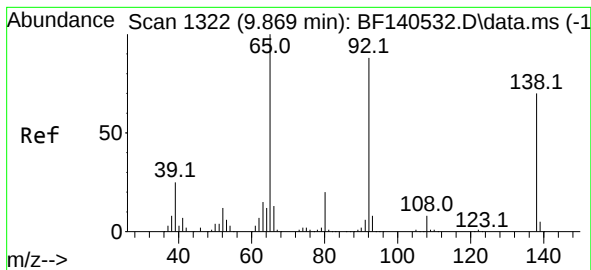


#52
Acenaphthene
Concen: 48.135 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:154 Resp: 387584
Ion Ratio Lower Upper
154 100
153 113.3 89.7 134.5
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 28.315 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

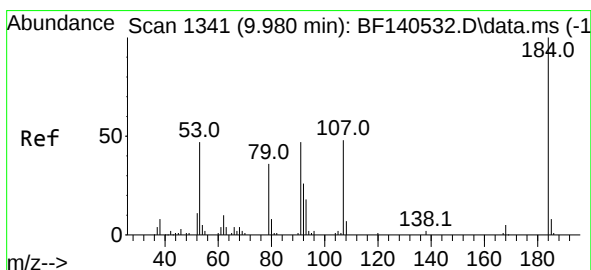
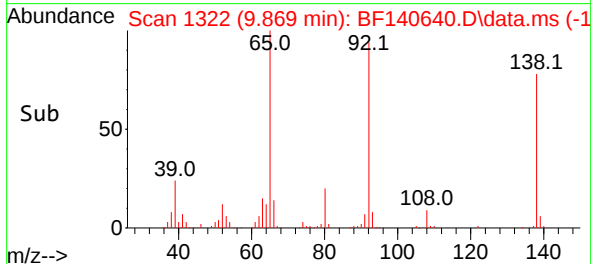
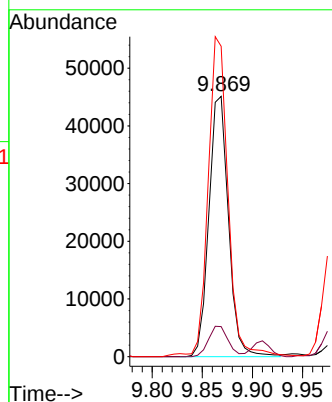
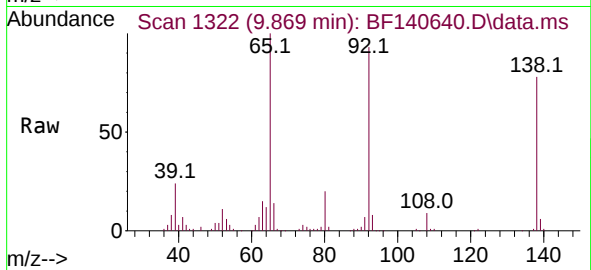
PH2-BOT-006MSD

Tgt Ion:138 Resp: 61320
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 119.2 100.6 150.8

Manual Integrations

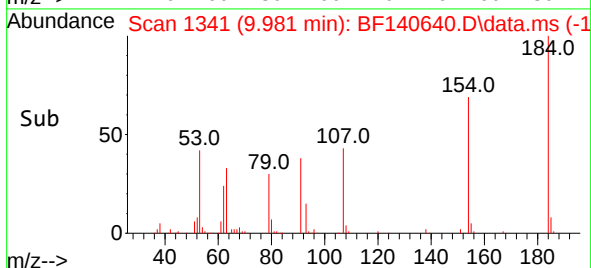
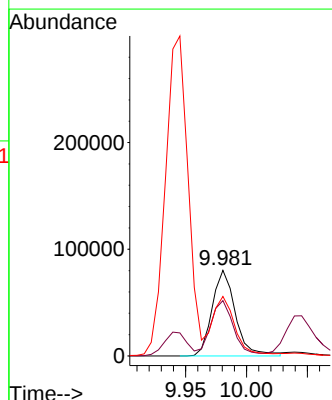
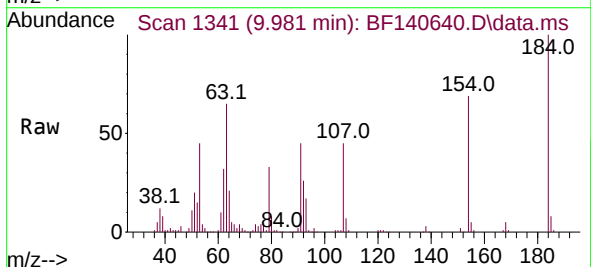
APPROVED

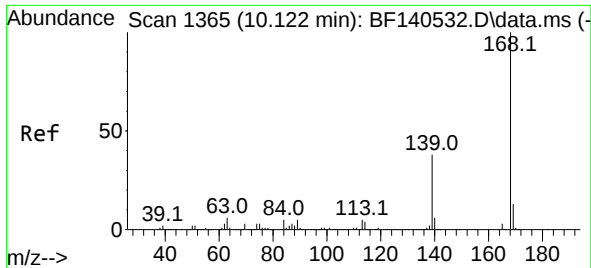
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 92.361 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

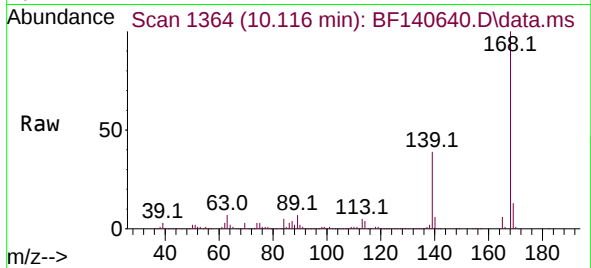
Tgt Ion:184 Resp: 107464
Ion Ratio Lower Upper
184 100
63 64.6 54.1 81.1
154 69.5 57.4 86.0





#55
Dibenzofuran
Concen: 48.570 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

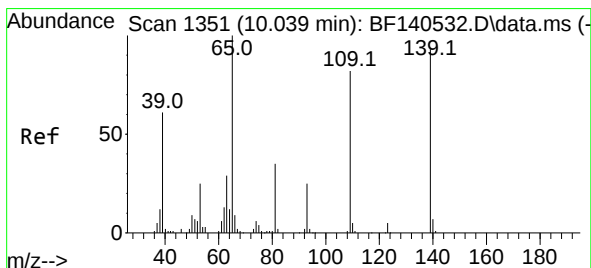
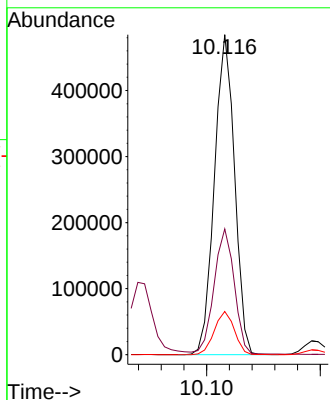
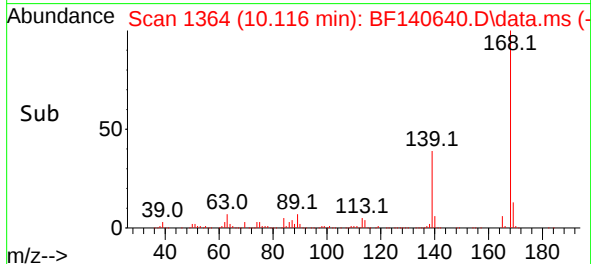
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion:168 Resp: 59654
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.5 10.5 15.7

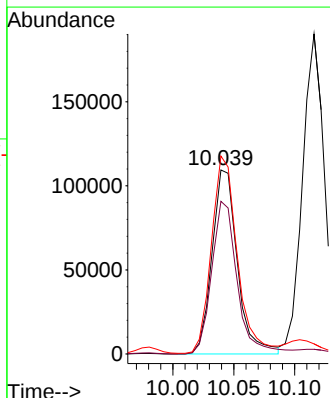
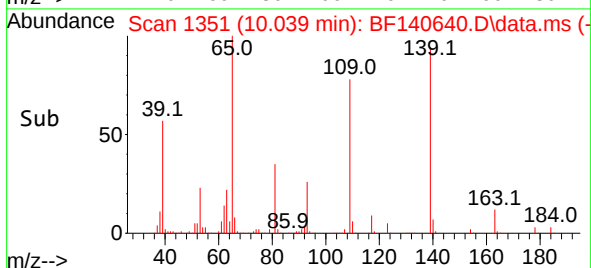
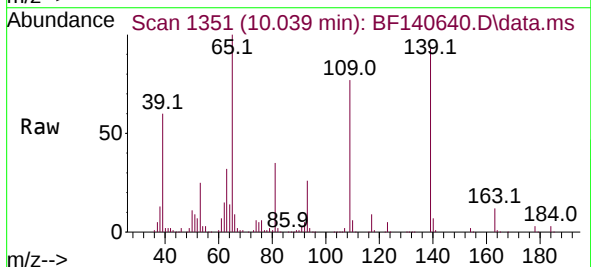
Manual Integrations
APPROVED

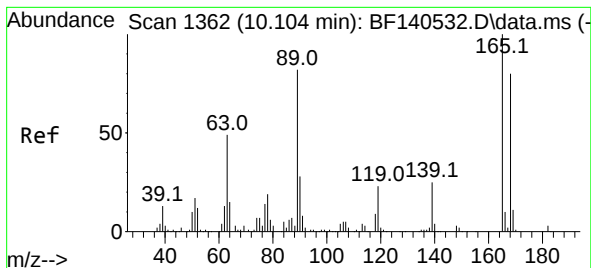
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 107.473 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:139 Resp: 158749
Ion Ratio Lower Upper
139 100
109 83.0 68.4 108.4
65 107.6 88.6 128.6





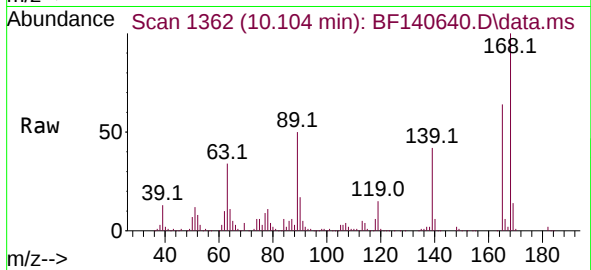
#57
2,4-Dinitrotoluene
Concen: 48.076 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



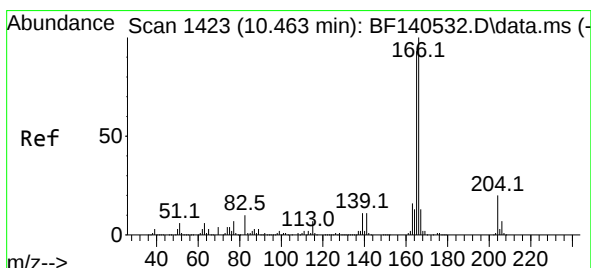
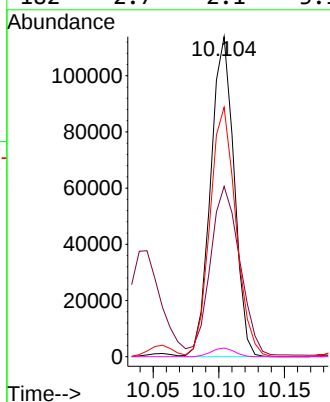
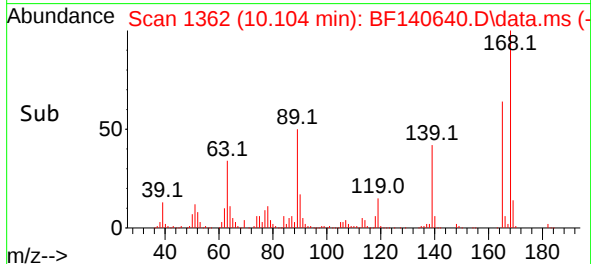
Tgt Ion:165 Resp: 14149
Ion Ratio Lower Upper
165 100
63 53.2 41.7 62.5
89 78.0 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

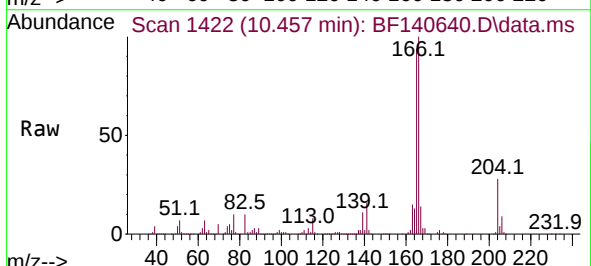
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

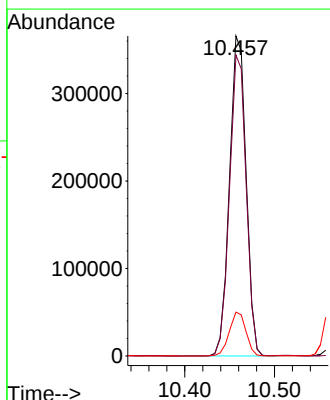
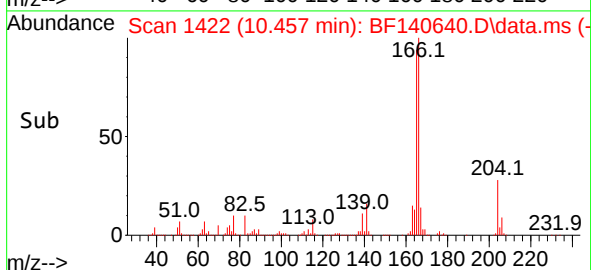
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 47.718 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



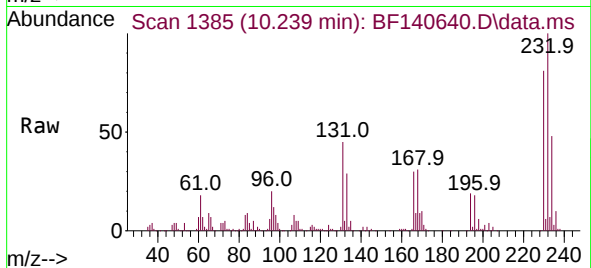
Tgt Ion:166 Resp: 470424
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.694 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

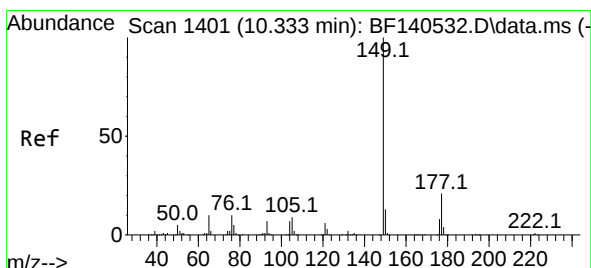
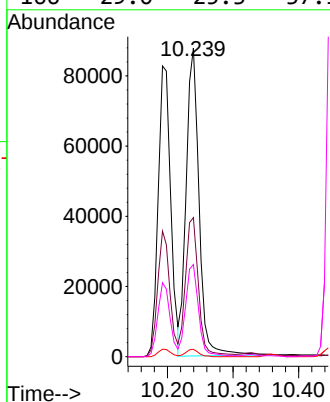
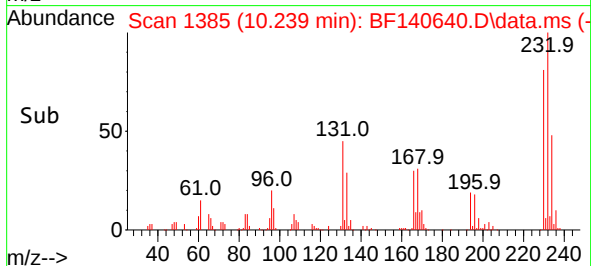
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion:232 Resp: 119700
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.4 1.9 2.9
166 29.0 25.3 37.9

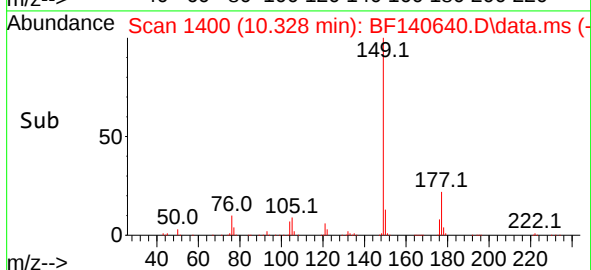
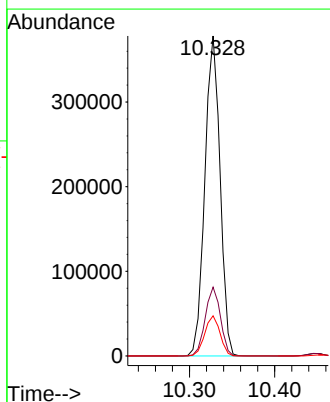
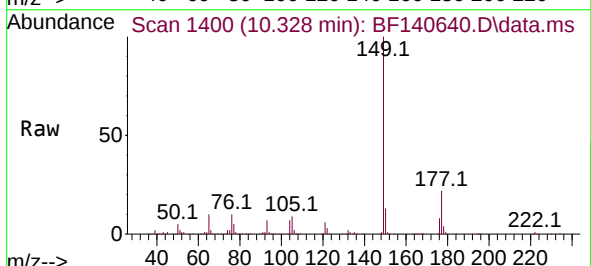
Manual Integrations
APPROVED

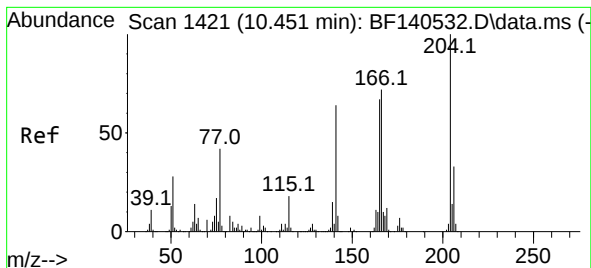
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 47.198 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Tgt Ion:149 Resp: 468228
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.5 10.1 15.1





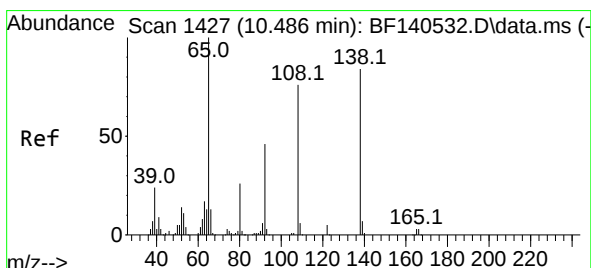
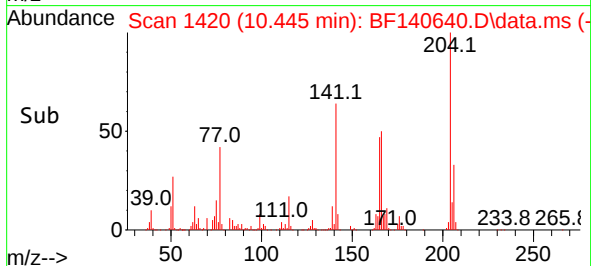
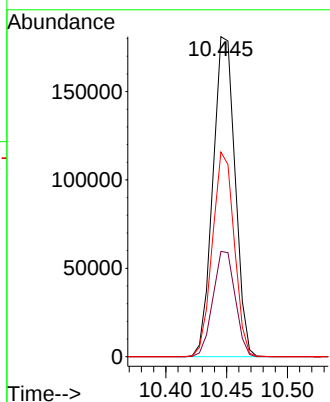
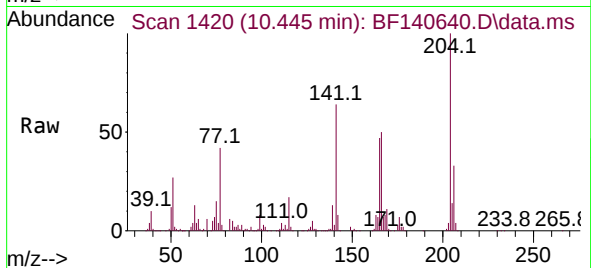
#61
4-Chlorophenyl-phenylether
Concen: 47.565 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:204 Resp: 23012
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 63.9 51.1 76.7

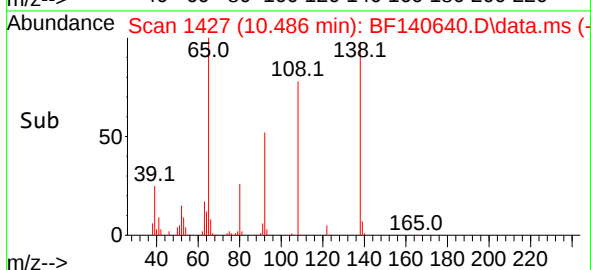
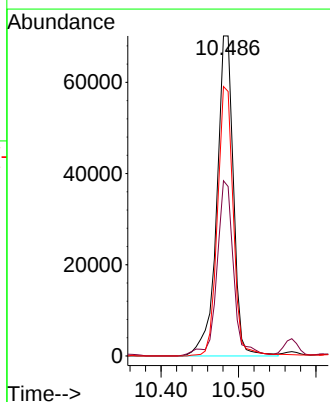
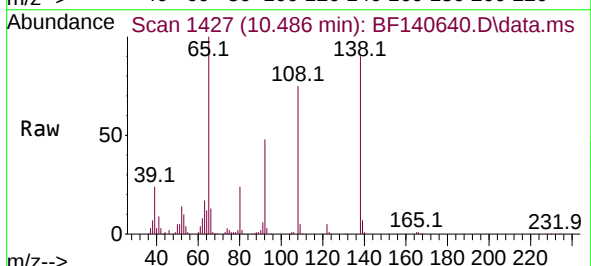
Manual Integrations
APPROVED

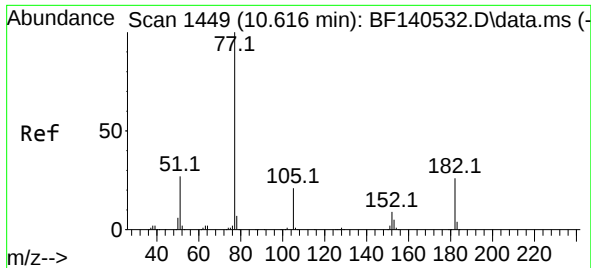
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 46.258 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

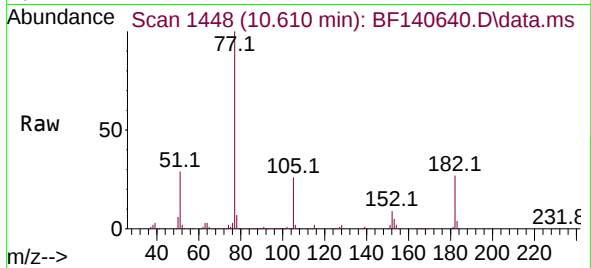
Tgt Ion:138 Resp: 105079
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 82.6 70.6 110.6





#63
Azobenzene
Concen: 57.513 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

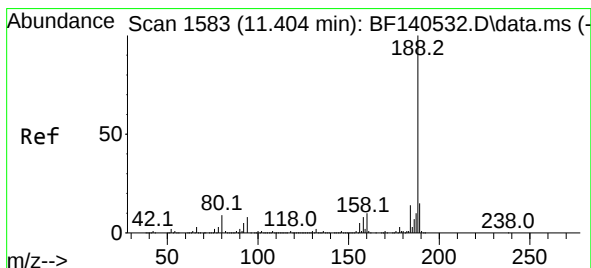
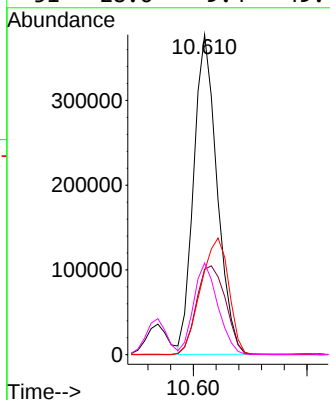
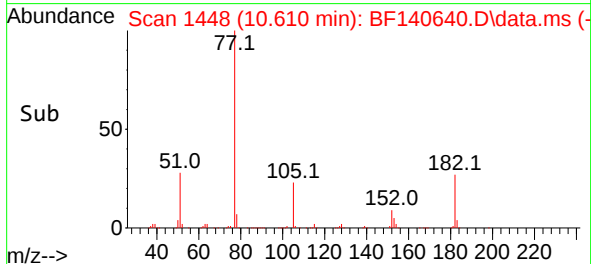
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



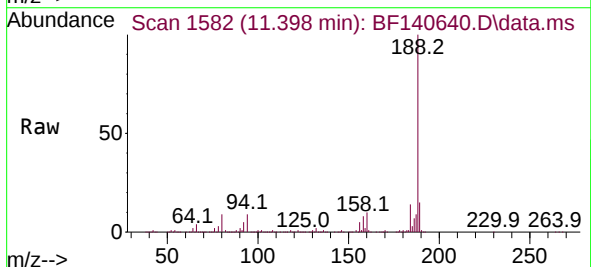
Tgt Ion: 77 Resp: 54032
Ion Ratio Lower Upper
77 100
182 26.7 5.3 45.3
105 26.2 0.3 40.3
51 28.6 9.4 49.4

Manual Integrations
APPROVED

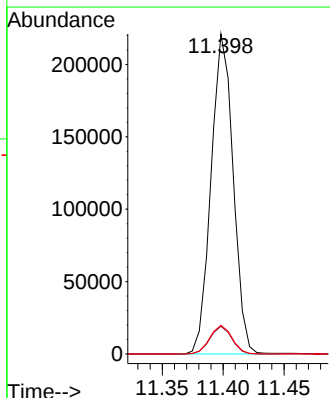
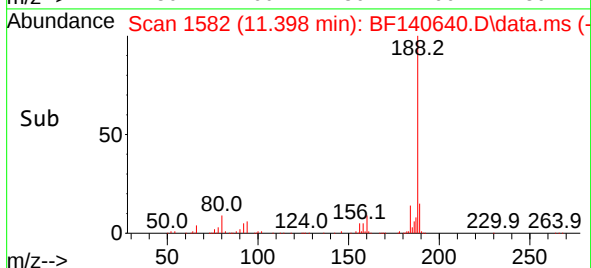
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

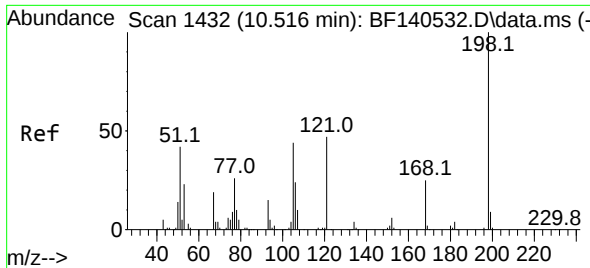


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:188 Resp: 278787
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.0 6.9 10.3





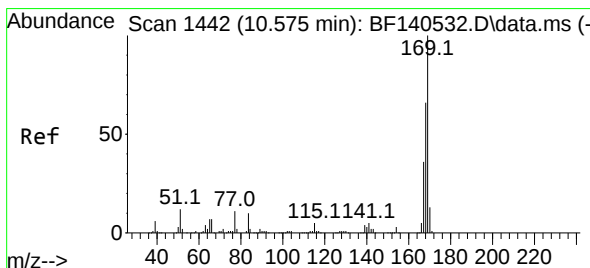
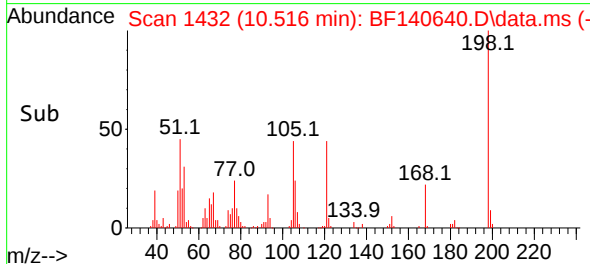
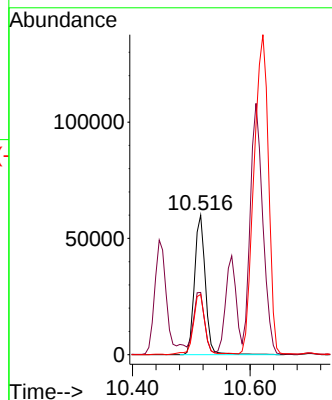
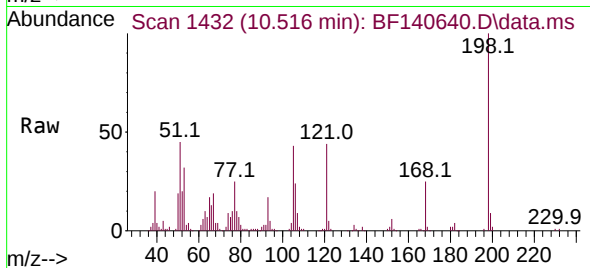
#65
4,6-Dinitro-2-methylphenol
Concen: 54.072 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:198 Resp: 77032
Ion Ratio Lower Upper
198 100
51 44.6 29.4 69.4
105 43.3 25.4 65.4

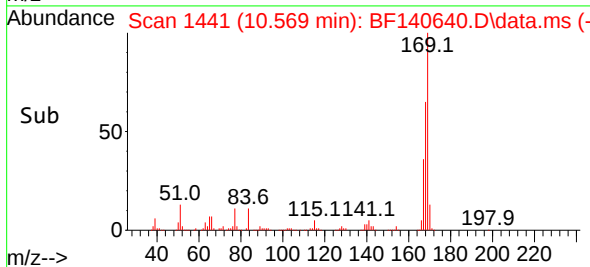
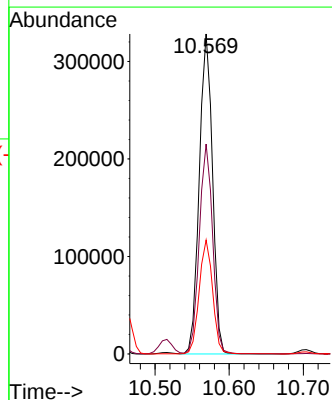
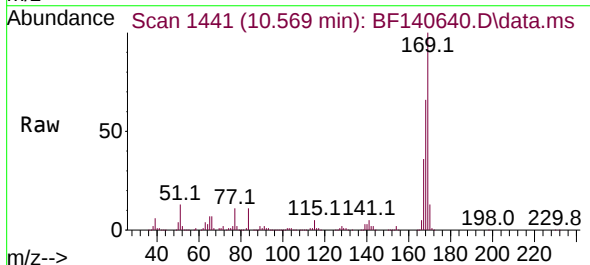
Manual Integrations
APPROVED

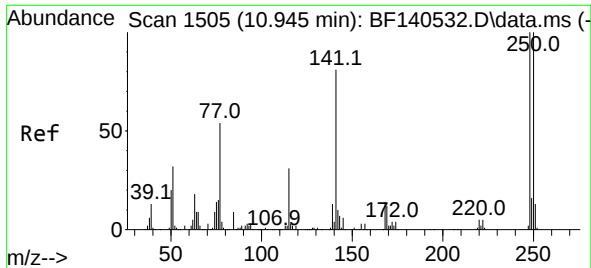
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 49.254 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

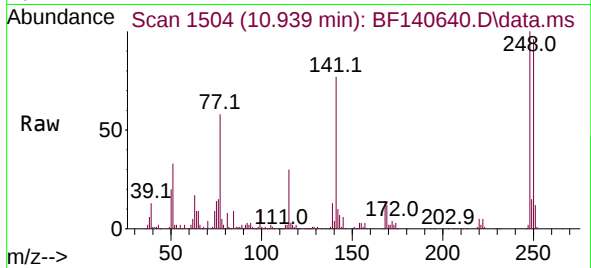
Tgt Ion:169 Resp: 406074
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.894 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

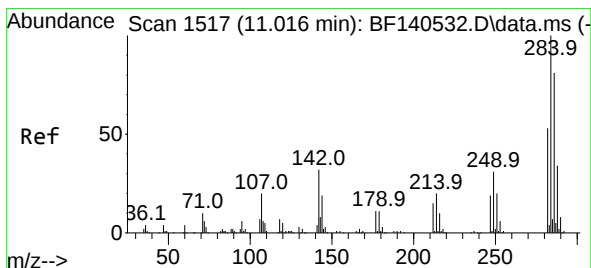
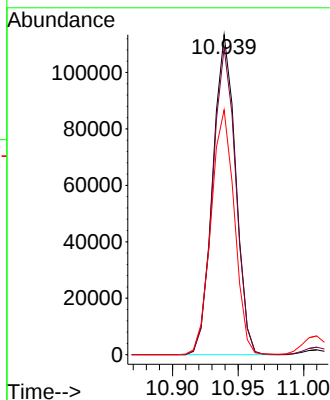
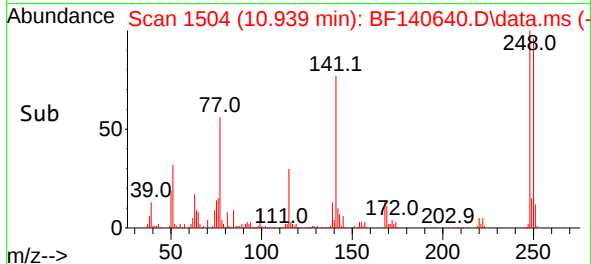
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



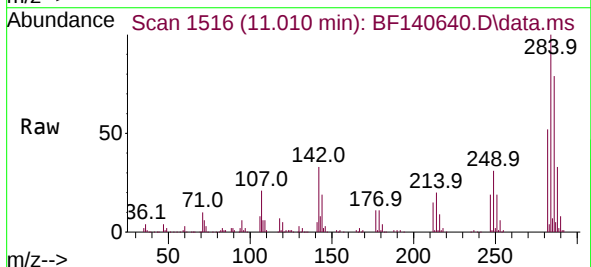
Tgt Ion:248 Resp: 137508
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 76.5 64.7 97.1

Manual Integrations
APPROVED

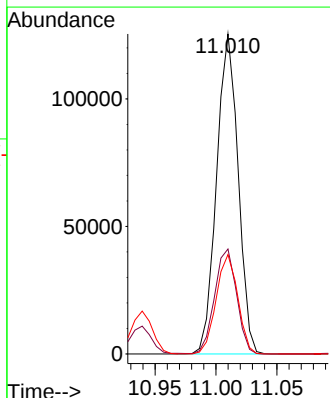
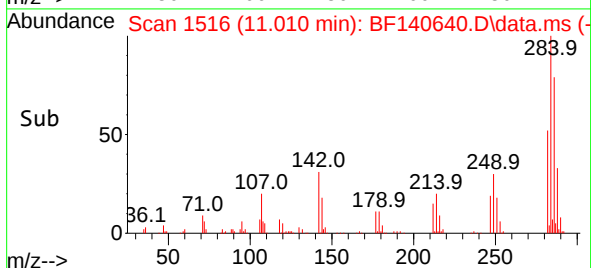
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 46.464 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:284 Resp: 154467
Ion Ratio Lower Upper
284 100
142 32.8 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 57.375 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:200 Resp: 13307

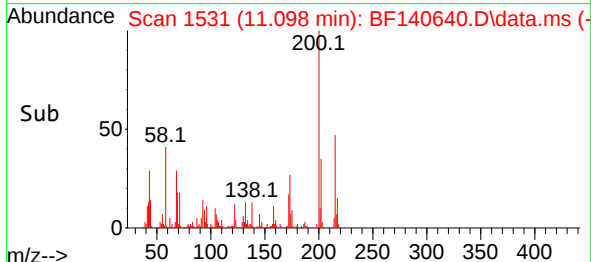
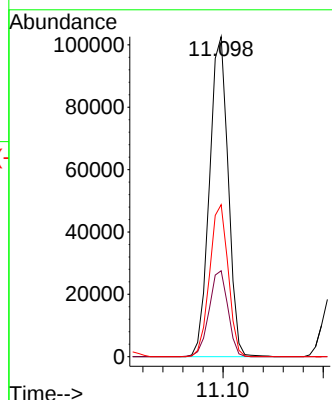
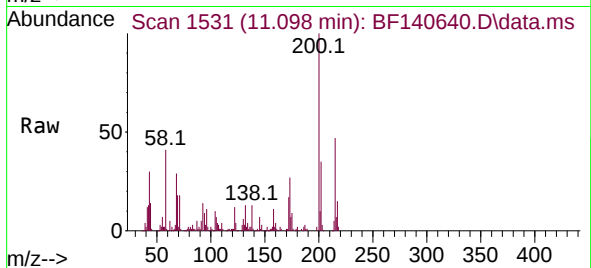
Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.0	47.0
215	47.5	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 104.301 ng

RT: 11.210 min Scan# 1550

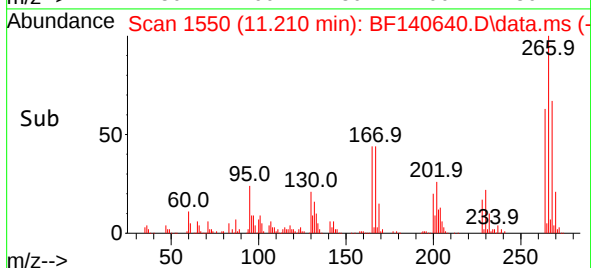
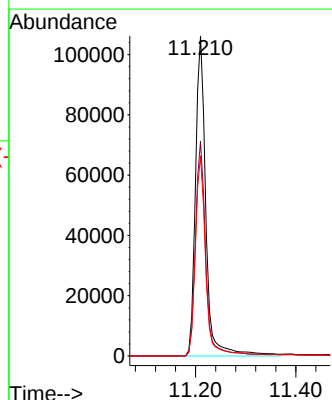
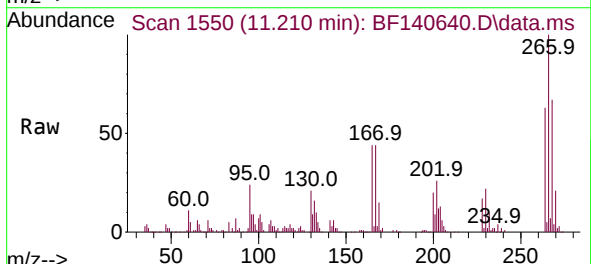
Delta R.T. -0.000 min

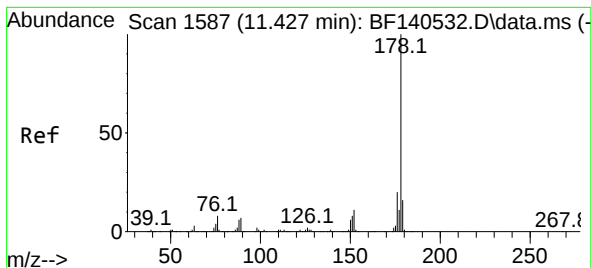
Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion:266 Resp: 152609

Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.7	80.5
264	62.6	49.8	74.8





#71

Phenanthrene

Concen: 49.161 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:178 Resp: 658804

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

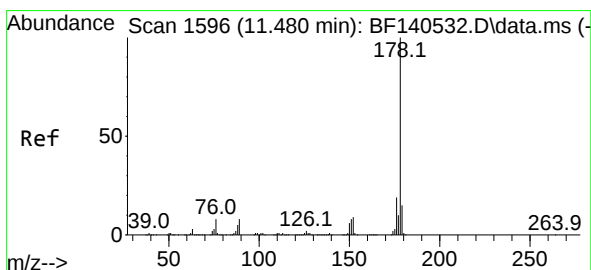
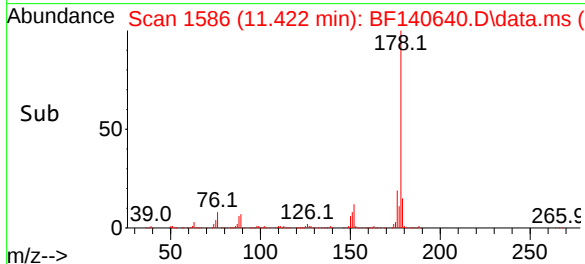
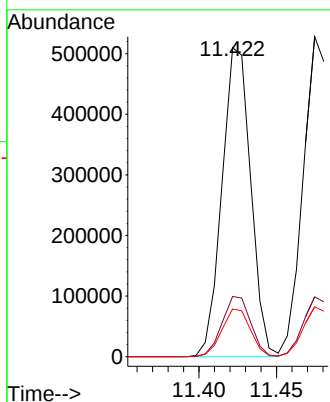
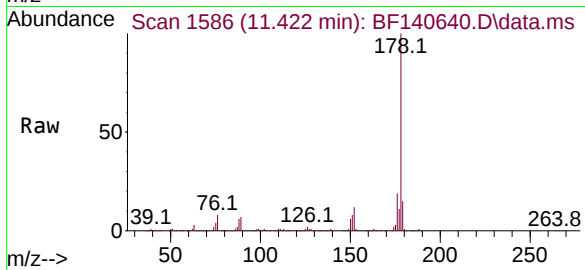
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 51.613 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

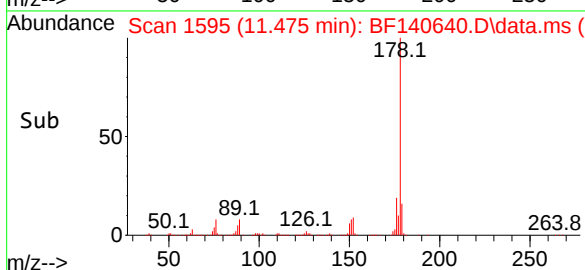
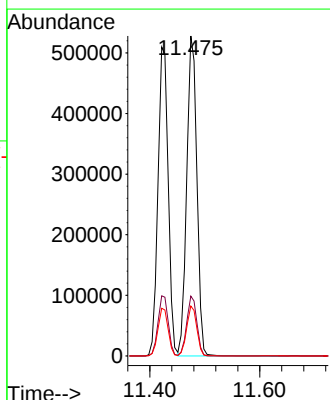
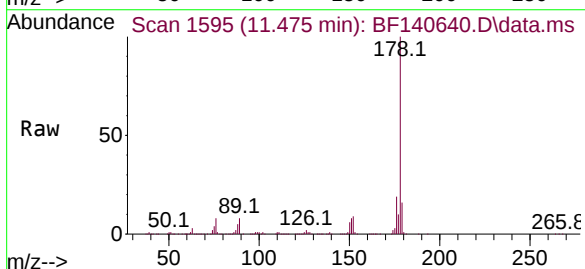
Tgt Ion:178 Resp: 676581

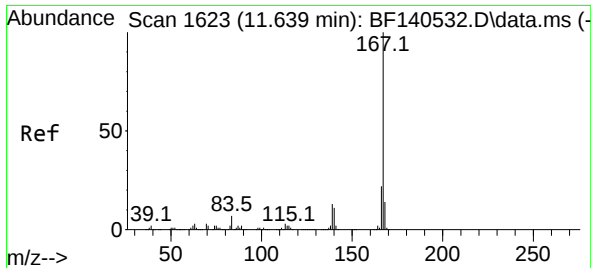
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.2 18.4





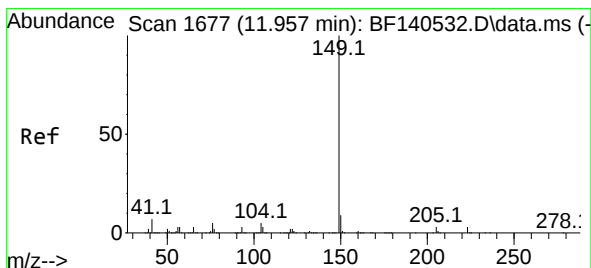
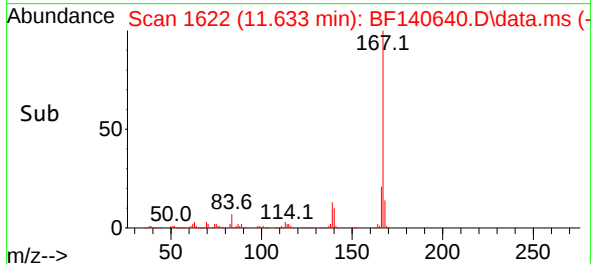
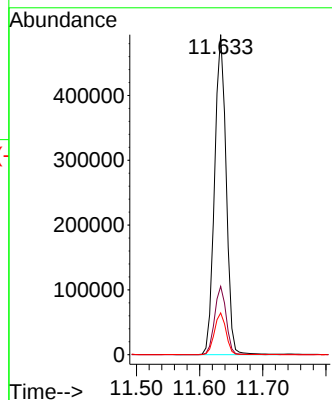
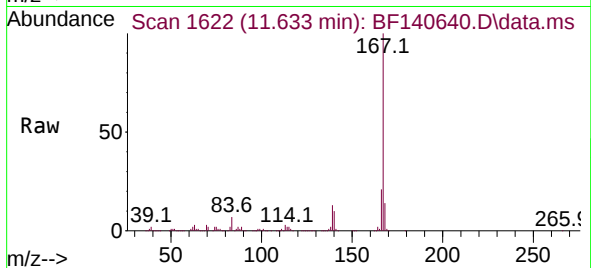
#73
Carbazole
Concen: 49.817 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Tgt Ion:167 Resp: 62822
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.1 10.6 15.8

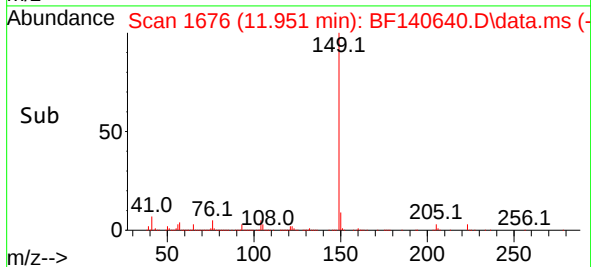
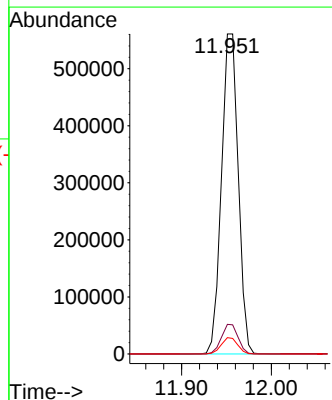
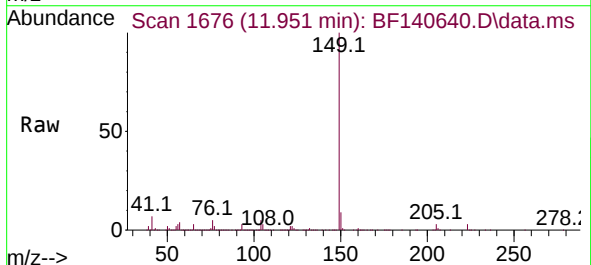
Manual Integrations
APPROVED

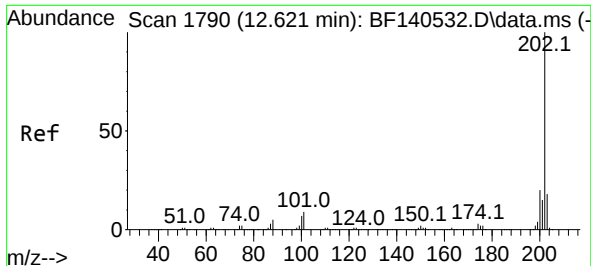
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 49.987 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

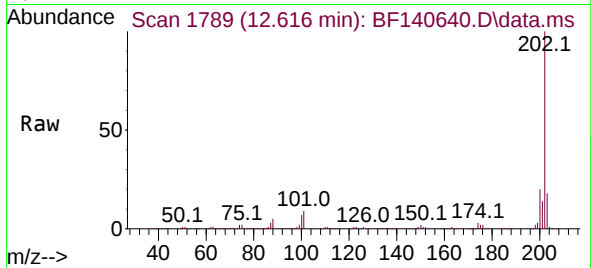
Tgt Ion:149 Resp: 727758
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.260 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

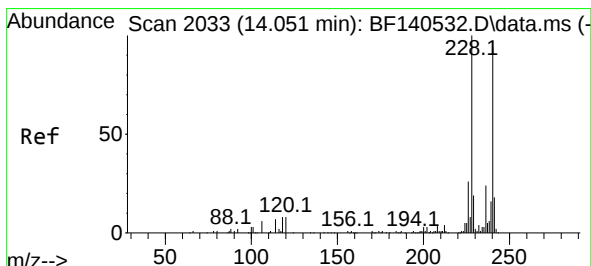
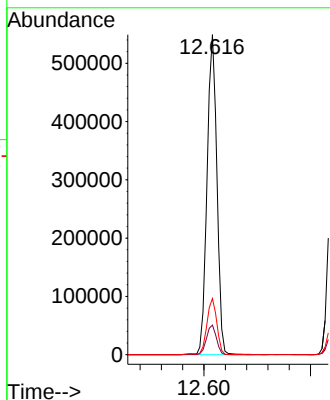
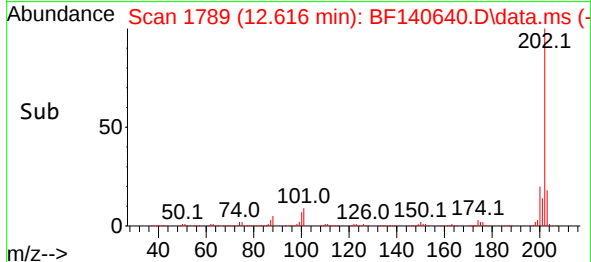
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



Tgt Ion:202 Resp: 702180
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.5 0.0 37.6

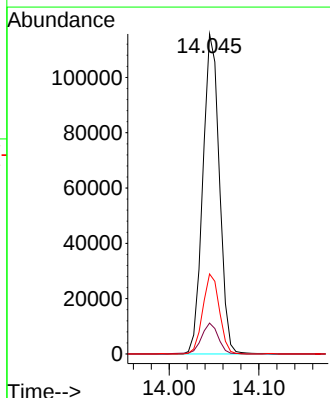
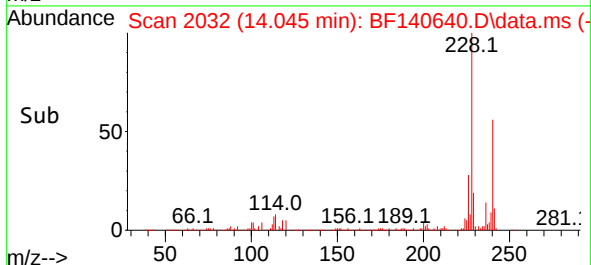
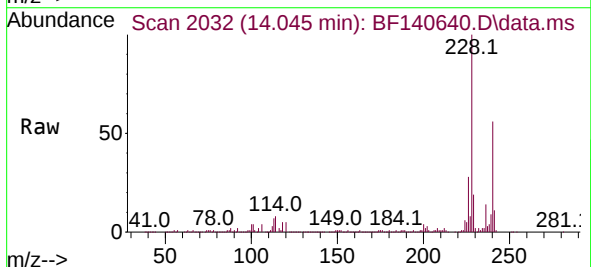
Manual Integrations
APPROVED

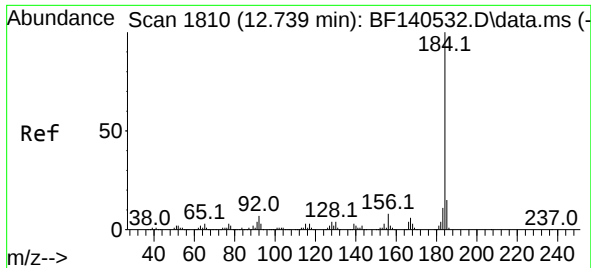
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

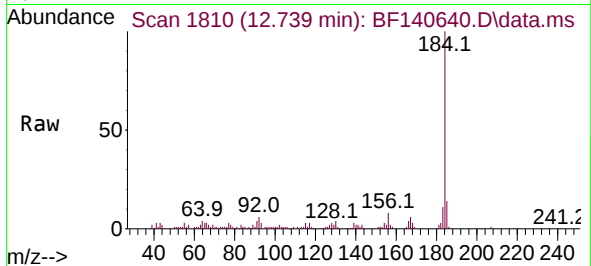
Tgt Ion:240 Resp: 147921
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.0 20.6 31.0





#77
Benzidine
Concen: 17.604 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29

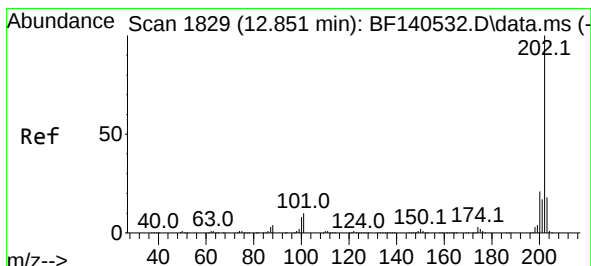
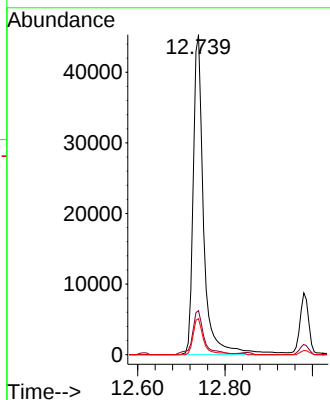
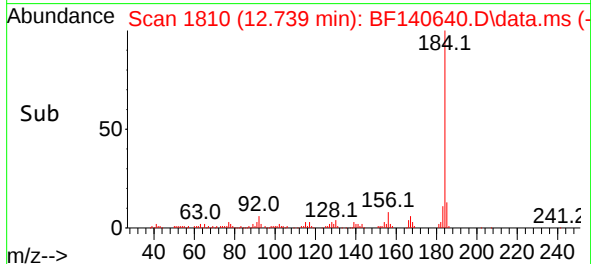
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD



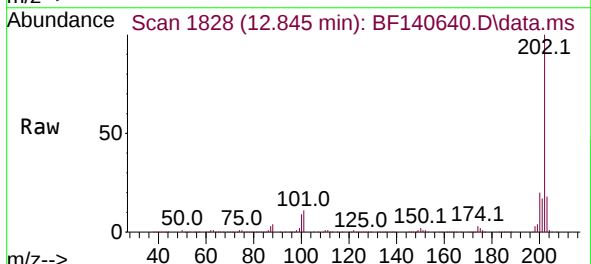
Tgt Ion:184 Resp: 75710
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 11.2 8.8 13.2

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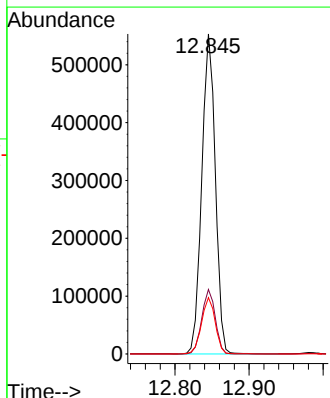
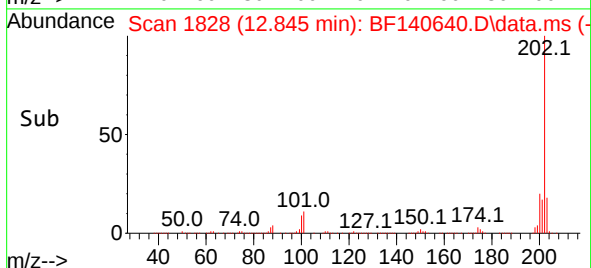
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

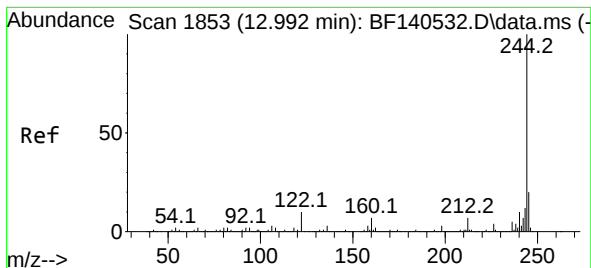


#78
Pyrene
Concen: 51.344 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140640.D
Acq: 26 Nov 2024 14:29



Tgt Ion:202 Resp: 702243
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 84.946 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140640.D

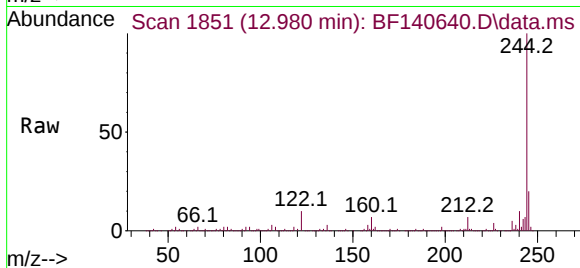
Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD



Tgt Ion:244 Resp: 80695

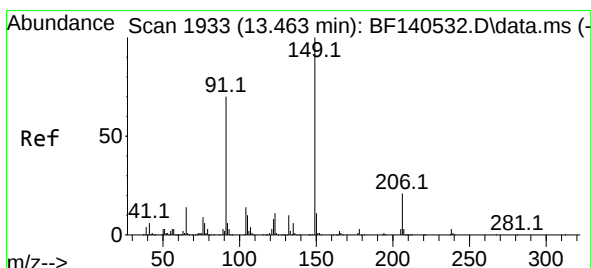
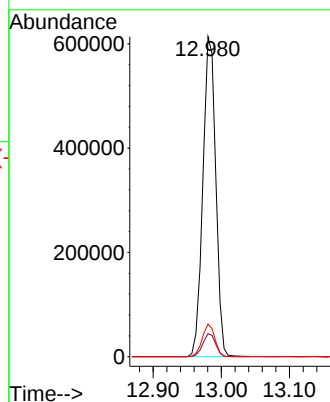
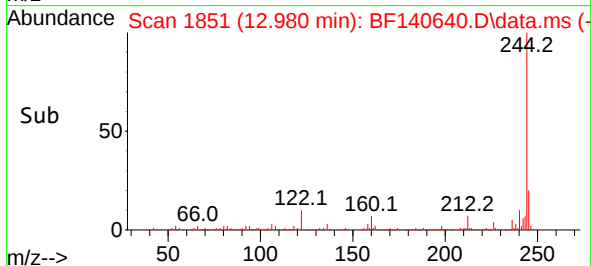
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	8.0	12.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 56.909 ng

RT: 13.457 min Scan# 1932

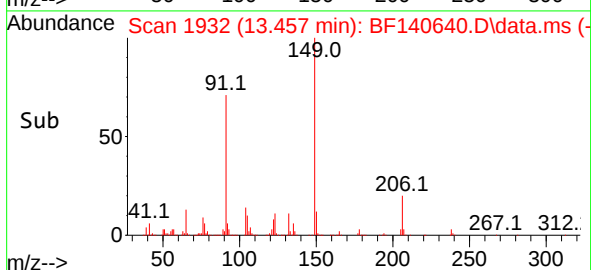
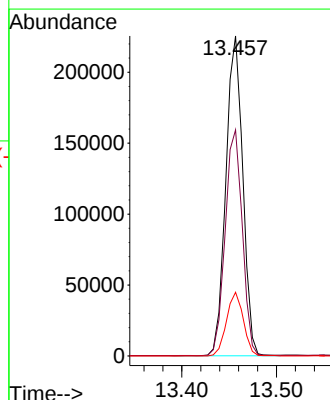
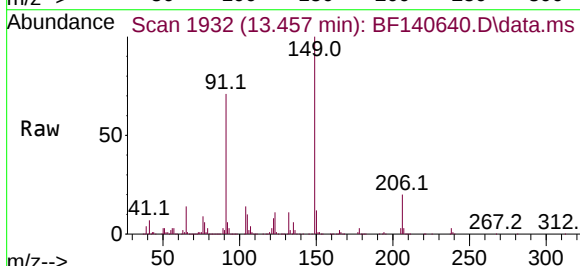
Delta R.T. -0.006 min

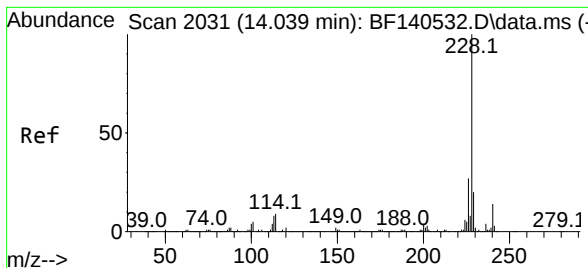
Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion:149 Resp: 280392

Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.2	84.2
206	19.9	16.4	24.6





#81

Benzo(a)anthracene

Concen: 49.898 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:228 Resp: 48858

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

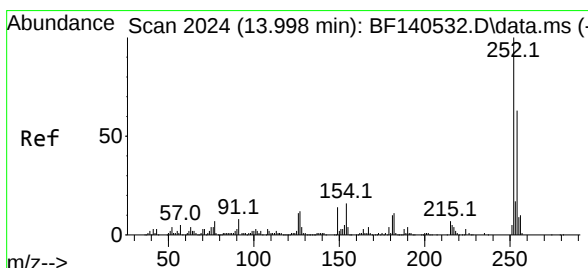
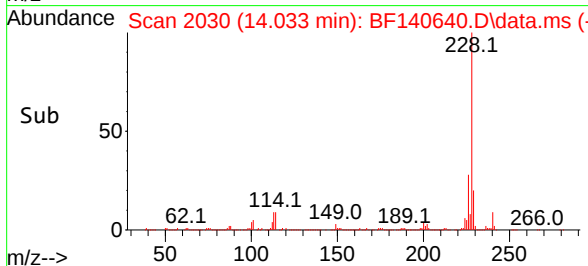
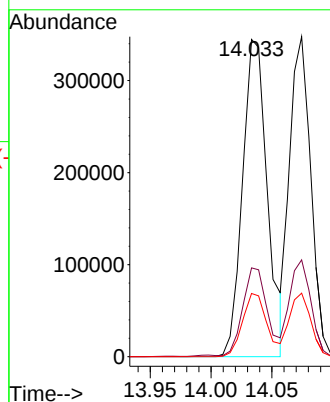
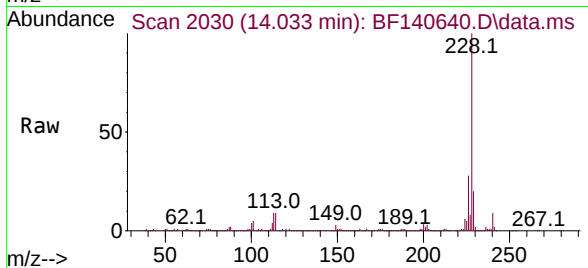
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 33.889 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

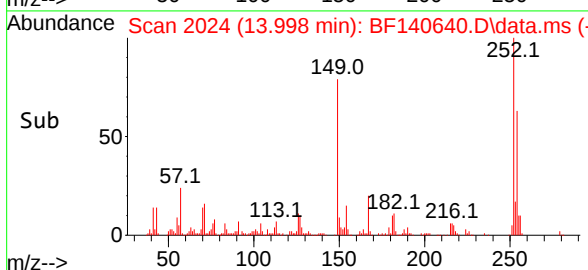
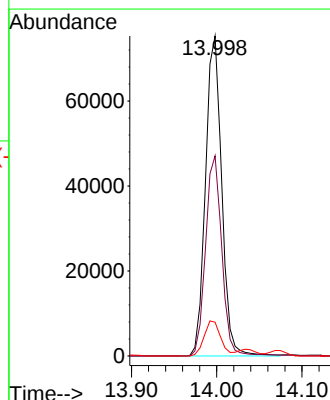
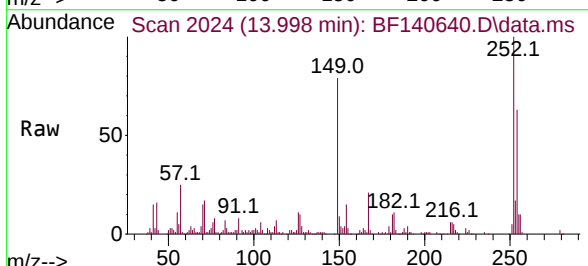
Tgt Ion:252 Resp: 99630

Ion Ratio Lower Upper

252 100

254 62.6 50.8 76.2

126 10.5 8.6 13.0





#83

Chrysene

Concen: 47.206 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:228 Resp: 422658

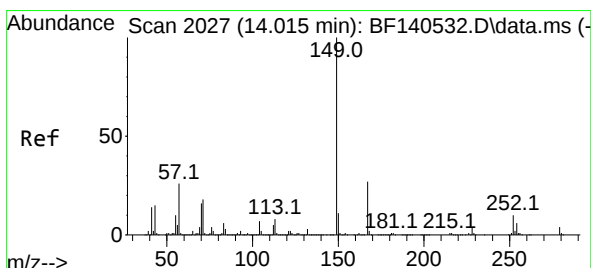
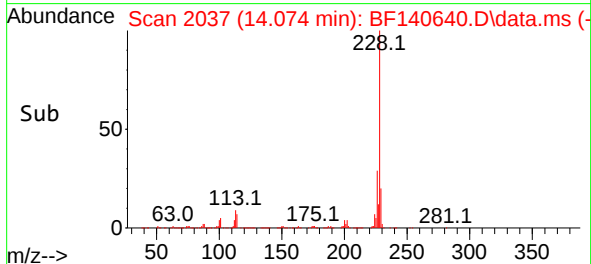
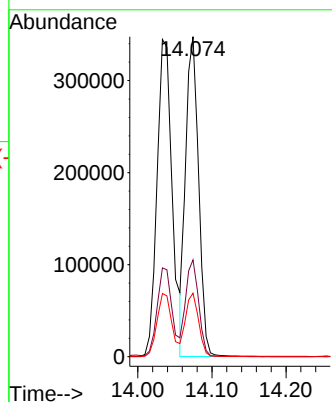
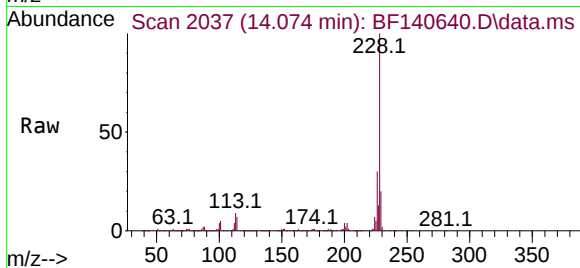
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.150 ng

RT: 14.010 min Scan# 2026

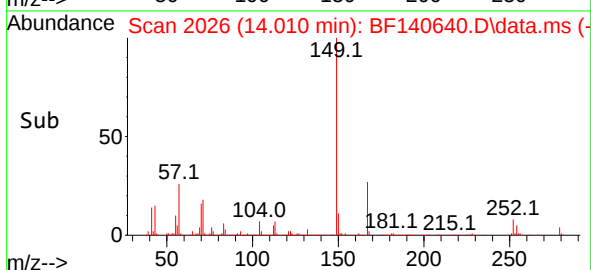
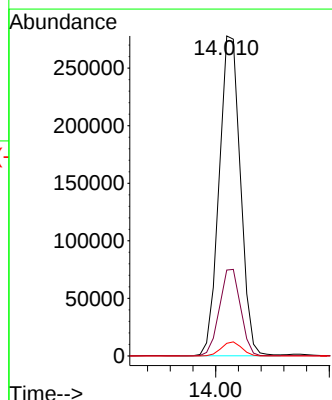
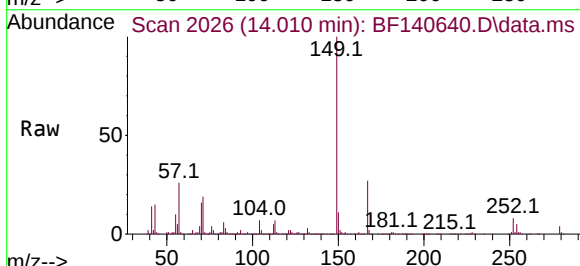
Delta R.T. -0.006 min

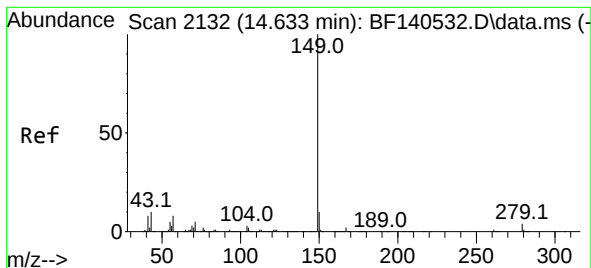
Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion:149 Resp: 361779

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 56.125 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:149 Resp: 47719

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

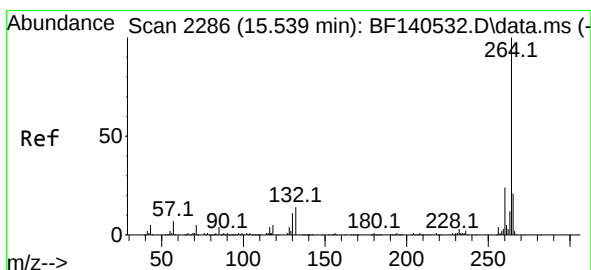
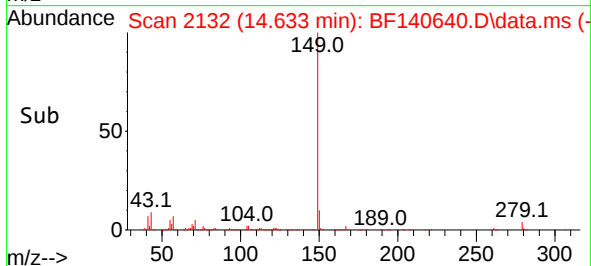
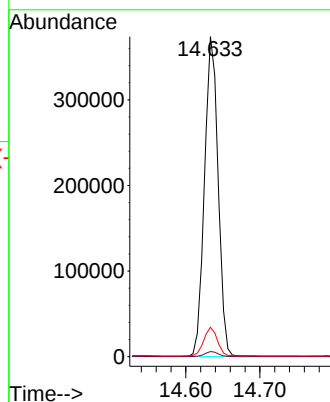
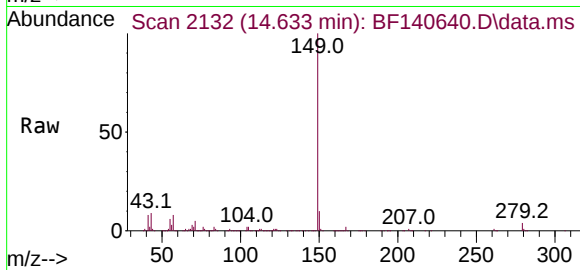
43 8.8 7.7 11.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

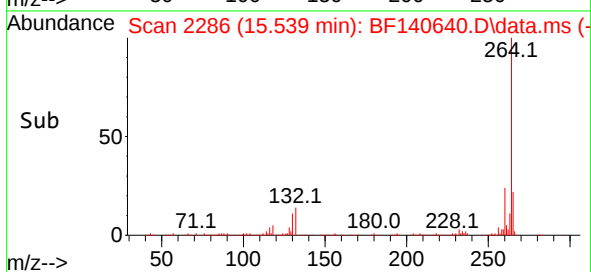
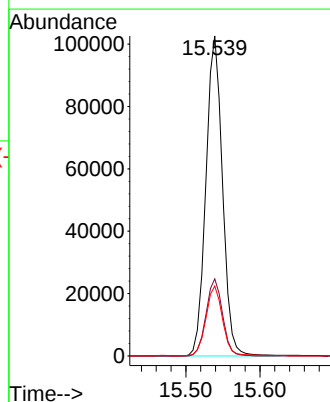
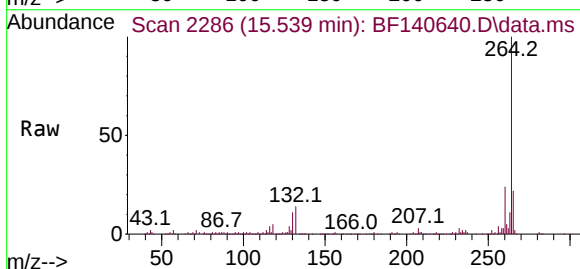
Tgt Ion:264 Resp: 159754

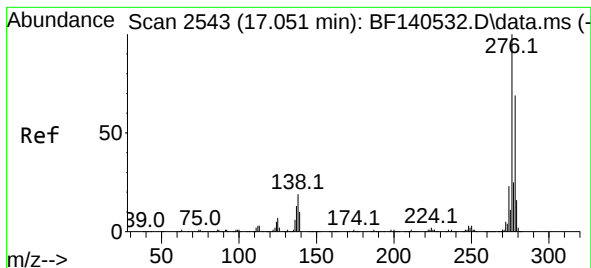
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.414 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:276 Resp: 47280

Ion Ratio Lower Upper

276 100

138 20.4 15.5 23.3

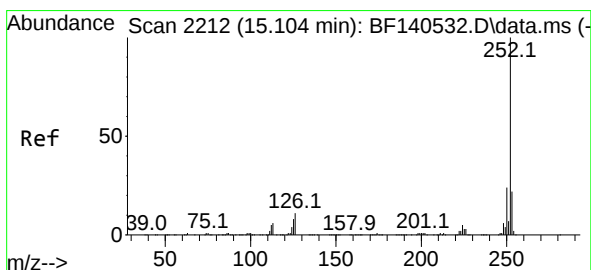
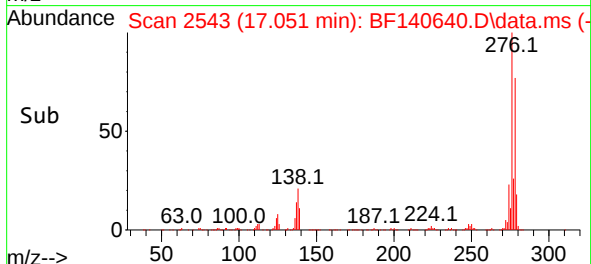
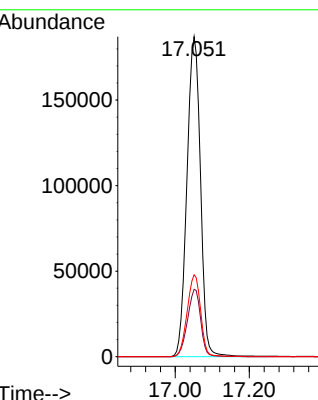
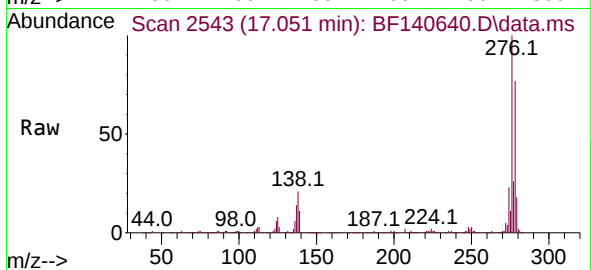
277 25.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 45.144 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

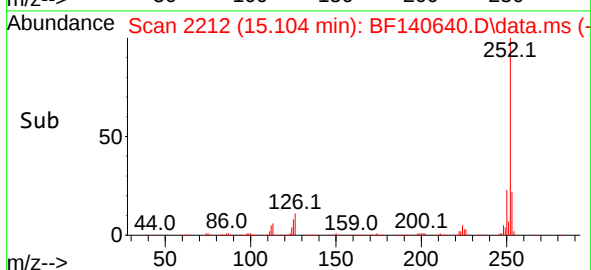
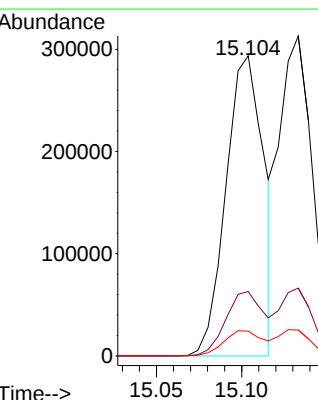
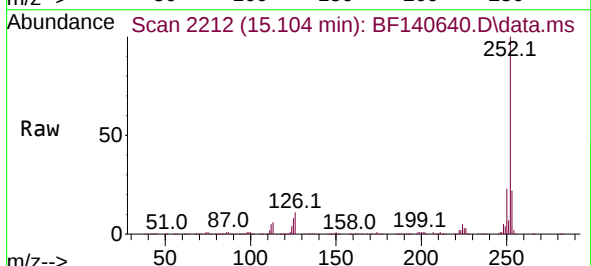
Tgt Ion:252 Resp: 452991

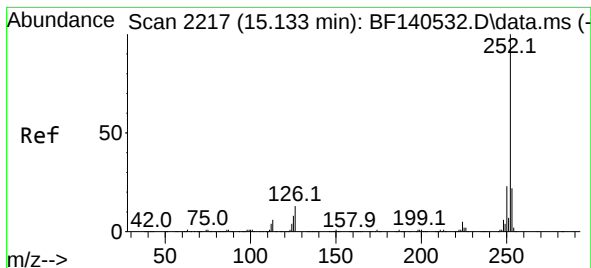
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.348 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

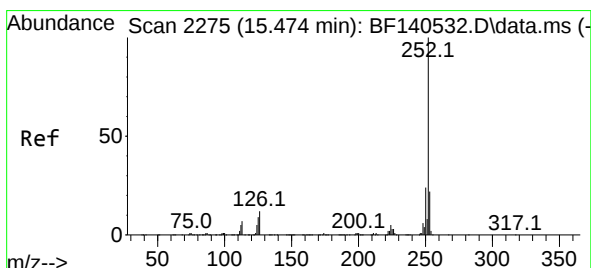
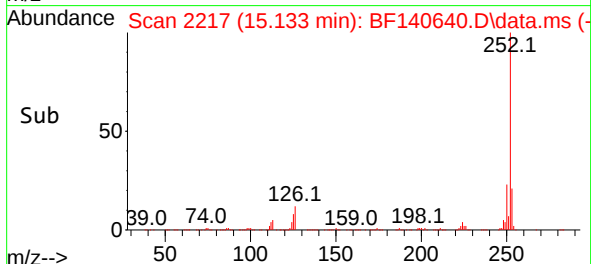
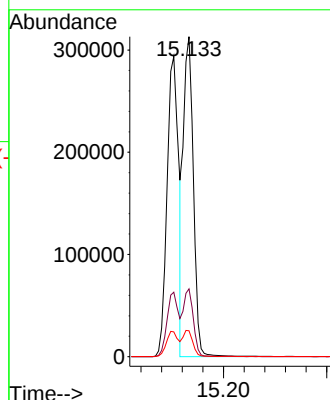
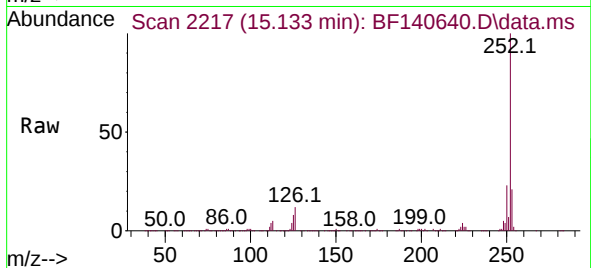
Tgt Ion:252 Resp: 42454
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 51.910 ng

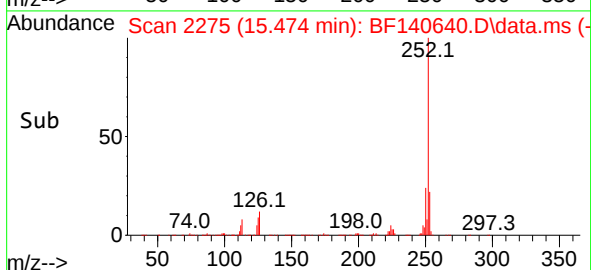
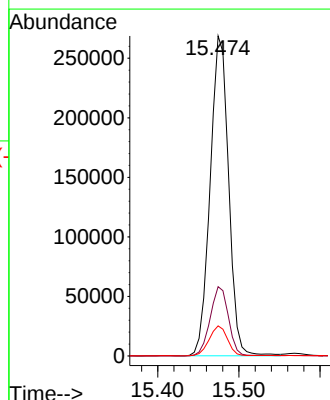
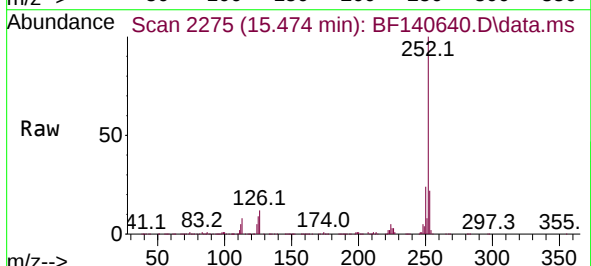
RT: 15.474 min Scan# 2275

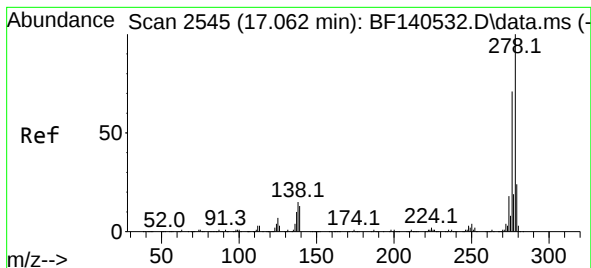
Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion:252 Resp: 423518
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 46.117 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MSD

Tgt Ion:278 Resp: 39320

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.4

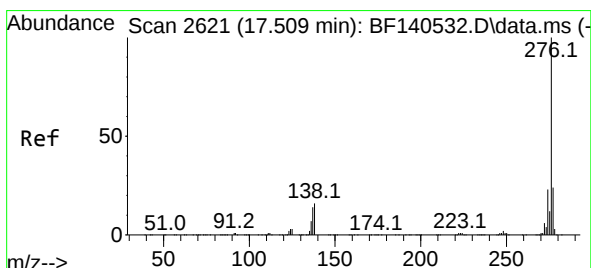
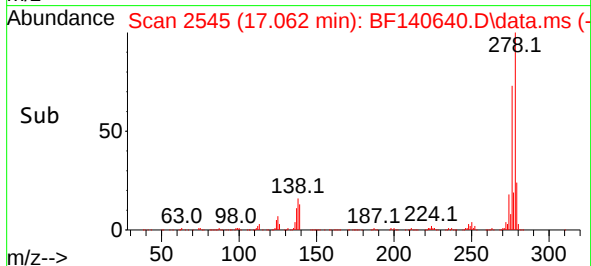
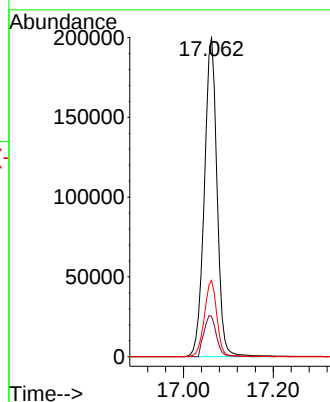
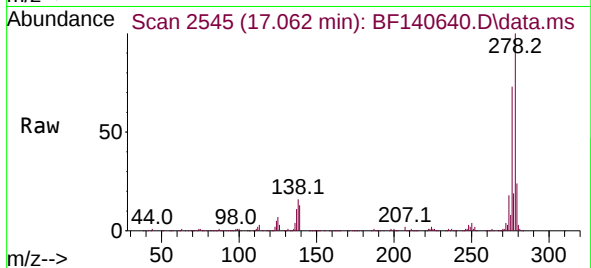
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 38.017 ng

RT: 17.504 min Scan# 2620

Delta R.T. -0.006 min

Lab File: BF140640.D

Acq: 26 Nov 2024 14:29

Tgt Ion:276 Resp: 330770

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 17.7 13.2 19.8

