

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140639.D
 Acq On : 26 Nov 2024 14:03
 Operator : RC/JU
 Sample : P4860-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 14:26:11 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	72875	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	271368	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	144034	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	272823	20.000	ng	0.00
76) Chrysene-d12	14.045	240	144480	20.000	ng	0.00
86) Perylene-d12	15.539	264	156989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	443633	103.867	ng	0.00
7) Phenol-d6	6.510	99	584236	103.467	ng	0.00
23) Nitrobenzene-d5	7.434	82	377912	71.233	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	167747	108.895	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	710421	73.489	ng	0.00
79) Terphenyl-d14	12.980	244	779258	83.984	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	79542	44.293	ng	98
3) Pyridine	3.428	79	192802	48.796	ng	98
4) n-Nitrosodimethylamine	3.375	42	107349	46.227	ng	97
6) Aniline	6.534	93	146418	36.841	ng	92
8) 2-Chlorophenol	6.657	128	223335	48.603	ng	97
9) Benzaldehyde	6.422	77	18599	6.222	ng	99
10) Phenol	6.522	94	278171	48.239	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	208272	47.198	ng	99
12) 1,3-Dichlorobenzene	6.810	146	238881	46.265	ng	98
13) 1,4-Dichlorobenzene	6.886	146	240428	45.988	ng	99
14) 1,2-Dichlorobenzene	7.039	146	227344	46.408	ng	100
15) Benzyl Alcohol	7.016	79	202443	48.345	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	256362	49.176	ng	98
17) 2-Methylphenol	7.128	107	171173	46.535	ng	97
18) Hexachloroethane	7.381	117	89375	45.772	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	154926	46.425	ng	97
20) 3+4-Methylphenols	7.281	107	220678	46.675	ng	96
22) Acetophenone	7.281	105	301891	45.632	ng	98
24) Nitrobenzene	7.451	77	241159	43.981	ng	99
25) Isophorone	7.692	82	411193	46.469	ng	99
26) 2-Nitrophenol	7.769	139	117437	48.330	ng	97
27) 2,4-Dimethylphenol	7.804	122	162312m	55.828	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	250883	46.540	ng	99
29) 2,4-Dichlorophenol	8.016	162	182253	47.309	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	194646	44.252	ng	100
31) Naphthalene	8.175	128	646180	46.229	ng	99
32) Benzoic acid	7.933	122	101818	41.406	ng	96
33) 4-Chloroaniline	8.228	127	83516	19.956	ng	99
34) Hexachlorobutadiene	8.286	225	128456	44.091	ng	99
35) Caprolactam	8.586	113	56877m	47.707	ng	
36) 4-Chloro-3-methylphenol	8.716	107	197751	45.847	ng	98
37) 2-Methylnaphthalene	8.863	142	414518	46.690	ng	100
38) 1-Methylnaphthalene	8.963	142	381148	43.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	202324	47.983	ng	99
41) Hexachlorocyclopentadiene	9.016	237	135863	137.572	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	127748	48.282	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	139416	48.551	ng	96
46) 1,1'-Biphenyl	9.328	154	514692	47.862	ng	99
47) 2-Chloronaphthalene	9.357	162	382485	46.940	ng	99
48) 2-Nitroaniline	9.457	65	125839	48.114	ng	95
49) Acenaphthylene	9.769	152	630563	51.217	ng	99
50) Dimethylphthalate	9.627	163	454611	47.924	ng	100
51) 2,6-Dinitrotoluene	9.692	165	99188	46.104	ng	97
52) Acenaphthene	9.939	154	375033	47.942	ng	98
53) 3-Nitroaniline	9.863	138	57822	27.480	ng	98
54) 2,4-Dinitrophenol	9.980	184	98260	87.387	ng	95
55) Dibenzofuran	10.116	168	572484	47.979	ng	100
56) 4-Nitrophenol	10.039	139	152831	106.501	ng	94
57) 2,4-Dinitrotoluene	10.104	165	135674	47.451	ng	97
58) Fluorene	10.457	166	453902	47.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	112703	51.069	ng	94
60) Diethylphthalate	10.327	149	451967	46.895	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	224254	47.711	ng	99
62) 4-Nitroaniline	10.480	138	100696	45.629	ng	96
63) Azobenzene	10.610	77	524784	57.497	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	71190	51.064	ng	95
66) n-Nitrosodiphenylamine	10.569	169	387249	47.998	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	130003	46.270	ng	97
68) Hexachlorobenzene	11.010	284	148605	45.678	ng	100
69) Atrazine	11.098	200	129488	57.050	ng	98
70) Pentachlorophenol	11.210	266	144797	101.125	ng	99
71) Phenanthrene	11.421	178	647201	49.351	ng	100
72) Anthracene	11.474	178	648791	50.575	ng	100
73) Carbazole	11.633	167	614631	49.804	ng	100
74) Di-n-butylphthalate	11.957	149	707026	49.624	ng	99
75) Fluoranthene	12.616	202	684156	48.049	ng	99
77) Benzidine	12.739	184	68757	16.368	ng	99
78) Pyrene	12.845	202	686681	51.402	ng	99
80) Butylbenzylphthalate	13.457	149	269712	56.045	ng	99
81) Benzo(a)anthracene	14.033	228	484677	50.677	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	93315	32.497	ng	99
83) Chrysene	14.074	228	418366	47.839	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	354267	58.299	ng	99
85) Di-n-octyl phthalate	14.633	149	475051	57.203	ng	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	469230	45.864	ng	98
88) Benzo(b)fluoranthene	15.098	252	447398	45.372	ng	99
89) Benzo(k)fluoranthene	15.133	252	401777	46.561	ng	99
90) Benzo(a)pyrene	15.474	252	415830	51.865	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	391712	46.751	ng	99
92) Benzo(g,h,i)perylene	17.503	276	334296	39.099	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140639.D
 Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

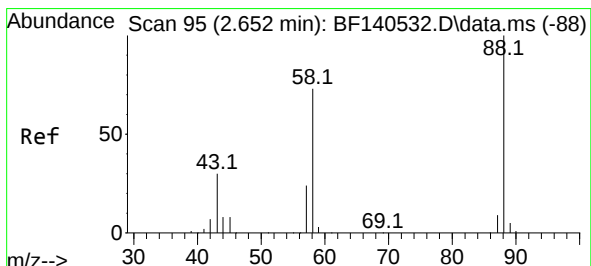
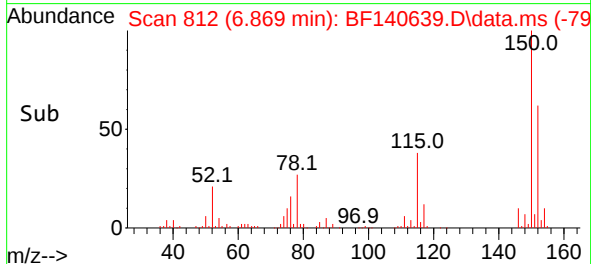
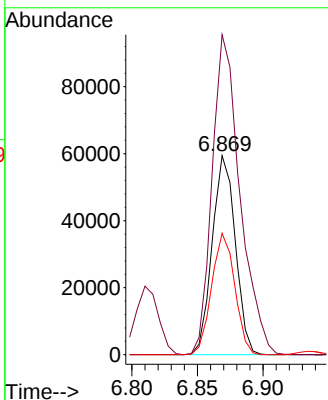
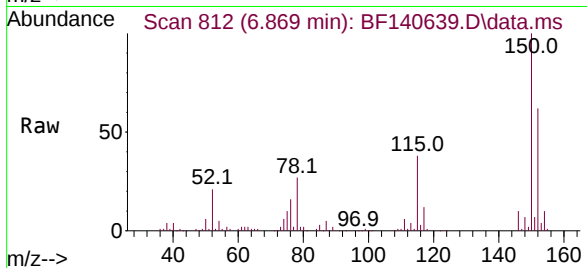
PH2-BOT-006MS

Tgt Ion:152 Resp: 7287
 Ion Ratio Lower Upper
 152 100
 150 160.7 128.5 192.7
 115 60.9 50.2 75.4

Manual Integrations

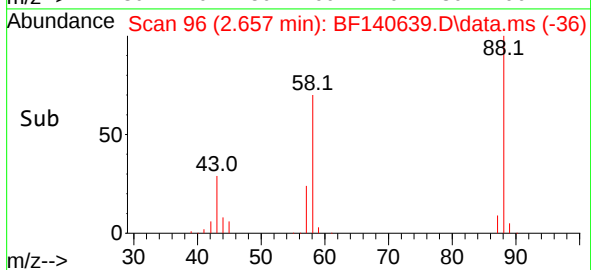
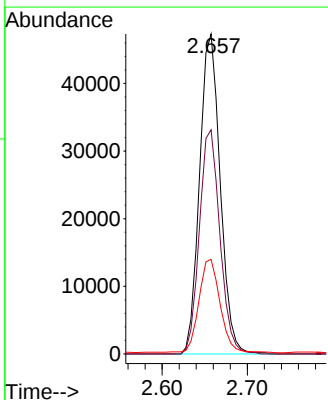
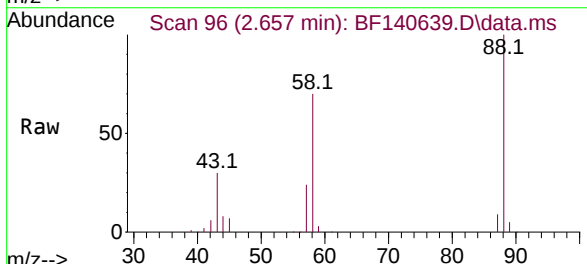
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Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 44.293 ng
 RT: 2.657 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: BF140639.D
 Acq: 26 Nov 2024 14:03

Tgt Ion: 88 Resp: 79542
 Ion Ratio Lower Upper
 88 100
 58 69.7 57.4 86.2
 43 30.5 24.3 36.5





#3

Pyridine

Concen: 48.796 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

Tgt Ion: 79 Resp: 19280

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

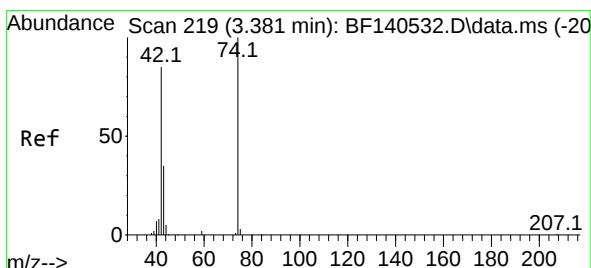
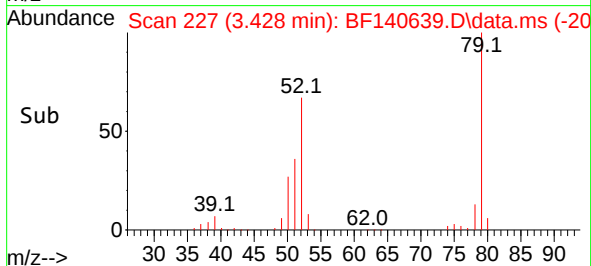
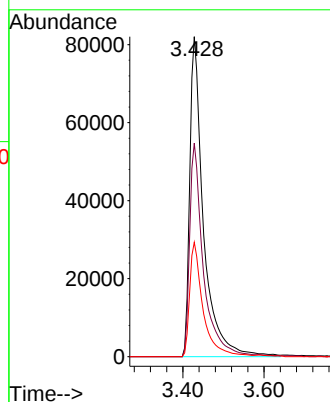
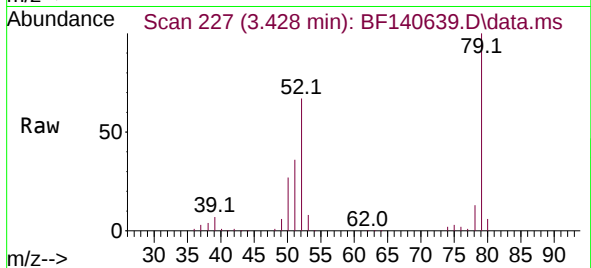
51 35.7 27.8 41.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 46.227 ng

RT: 3.375 min Scan# 218

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

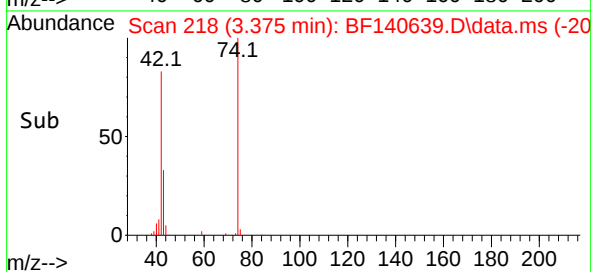
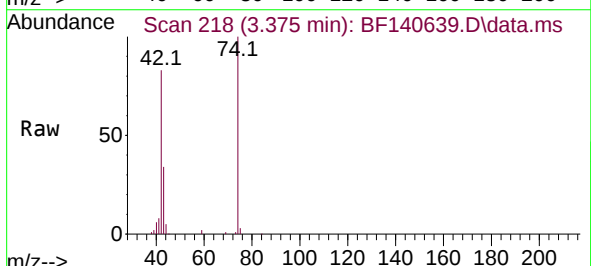
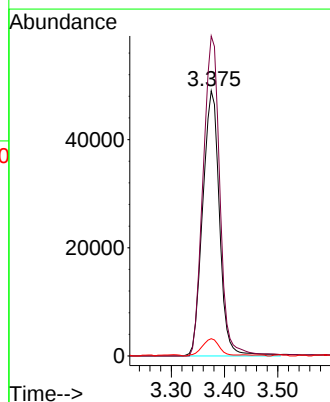
Tgt Ion: 42 Resp: 107349

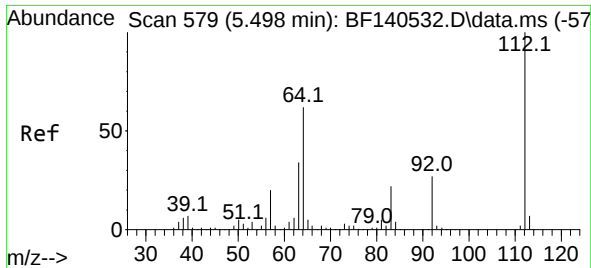
Ion Ratio Lower Upper

42 100

74 120.7 93.8 140.6

44 6.5 4.6 6.8





#5
2-Fluorophenol
Concen: 103.867 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

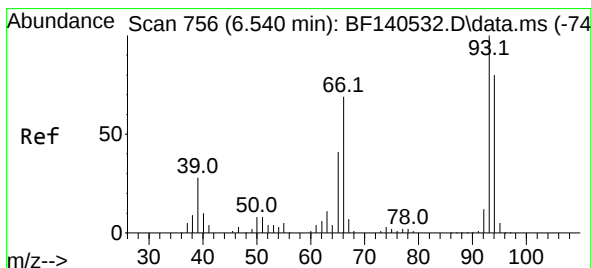
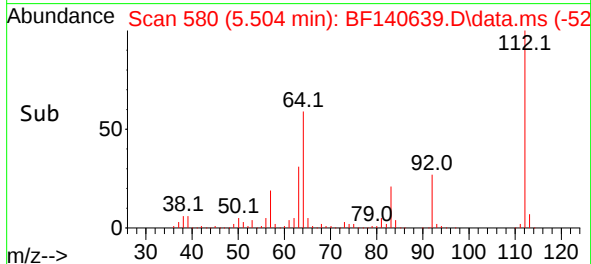
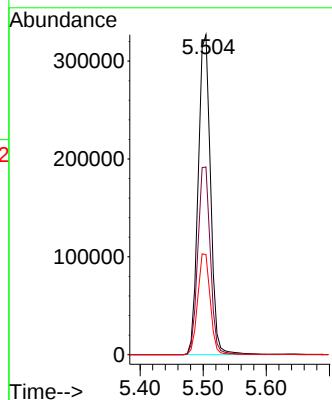
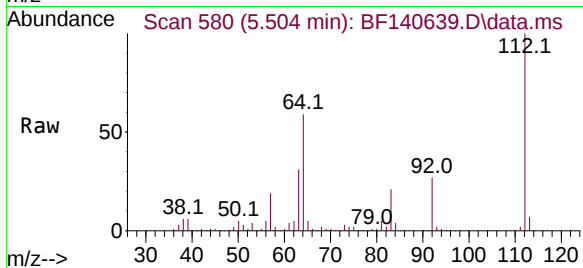
PH2-BOT-006MS

Tgt Ion:112 Resp: 44363
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.3 27.0 40.4

Manual Integrations

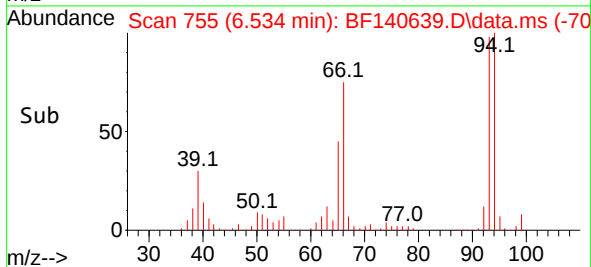
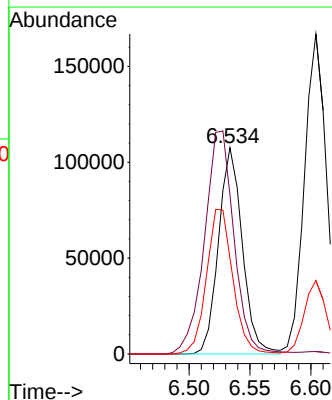
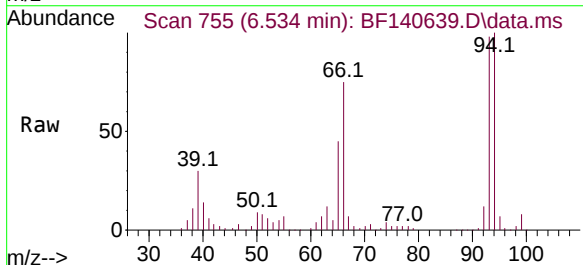
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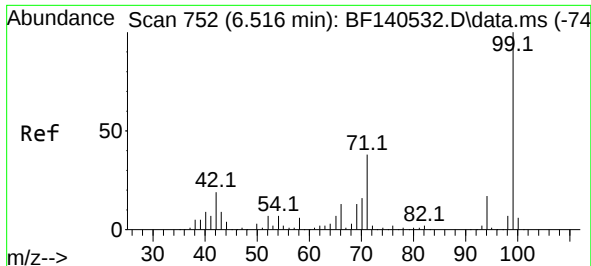
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 36.841 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion: 93 Resp: 146418
Ion Ratio Lower Upper
93 100
66 77.1 56.5 84.7
65 46.5 32.9 49.3





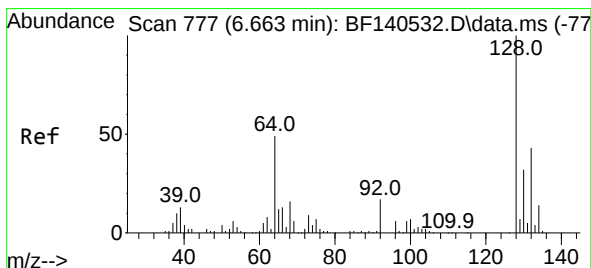
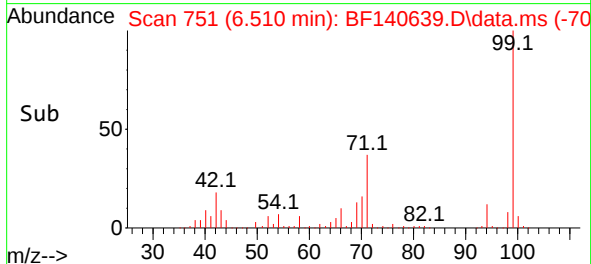
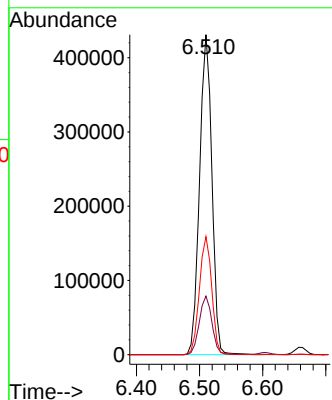
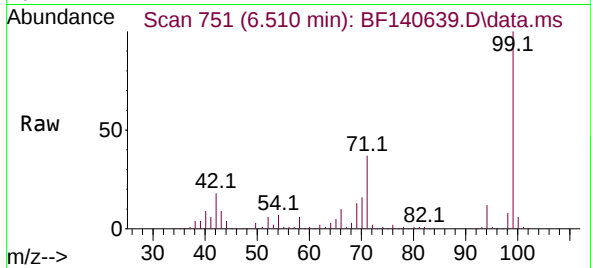
#7
Phenol-d6
Concen: 103.467 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :
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ClientSampleId :
PH2-BOT-006MS

Tgt Ion: 99 Resp: 584230
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.9 30.6 46.0

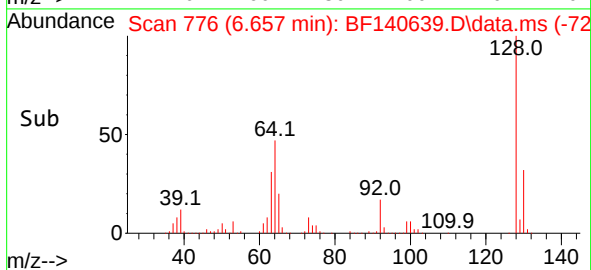
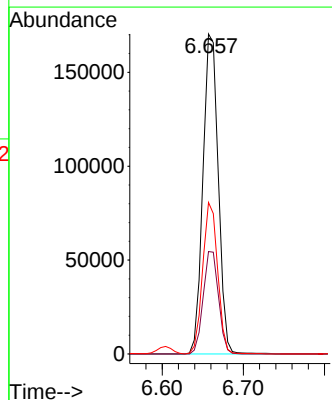
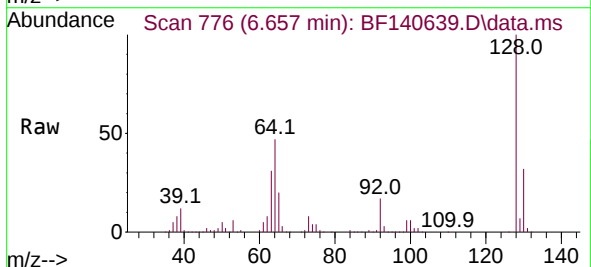
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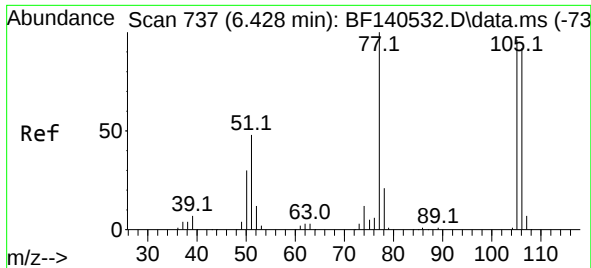
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 48.603 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:128 Resp: 223335
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 47.3 30.2 70.2





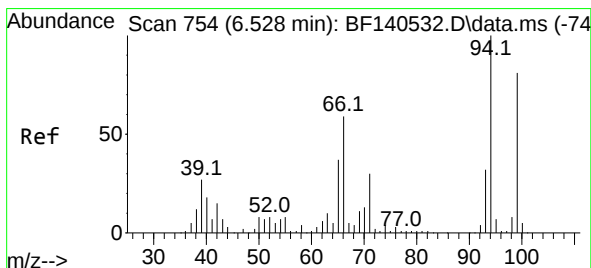
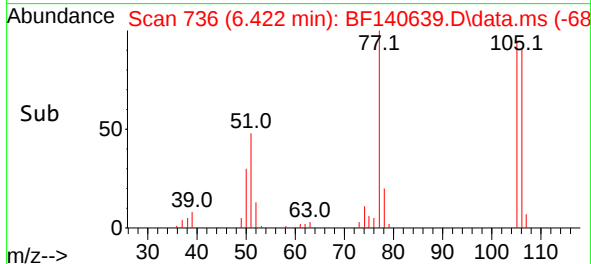
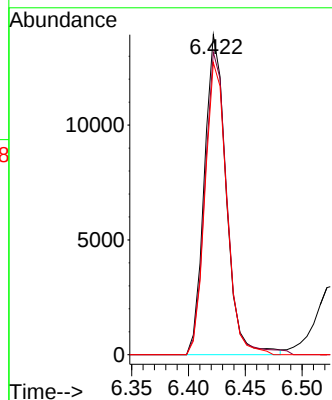
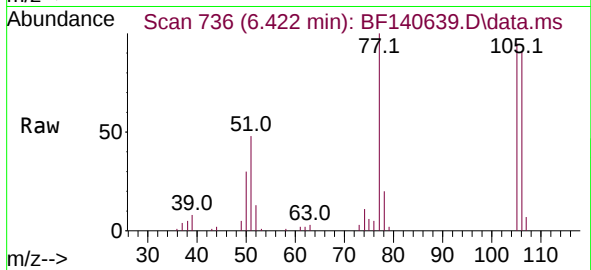
#9
Benzaldehyde
Concen: 6.222 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion: 77 Resp: 1859
Ion Ratio Lower Upper
77 100
105 94.5 75.6 115.6
106 91.3 72.0 112.0

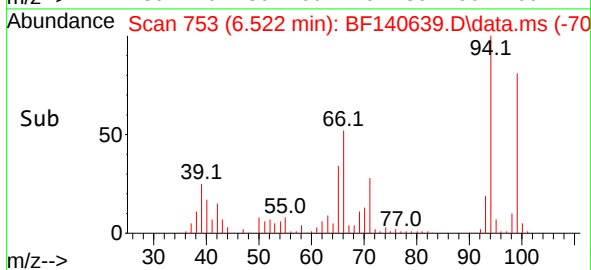
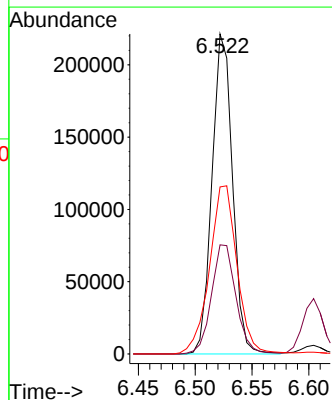
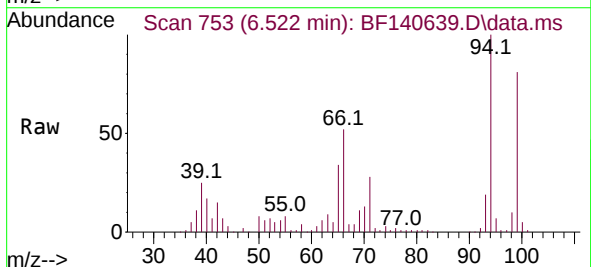
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 48.239 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion: 94 Resp: 278171
Ion Ratio Lower Upper
94 100
65 34.1 17.2 57.2
66 52.2 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 47.198 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

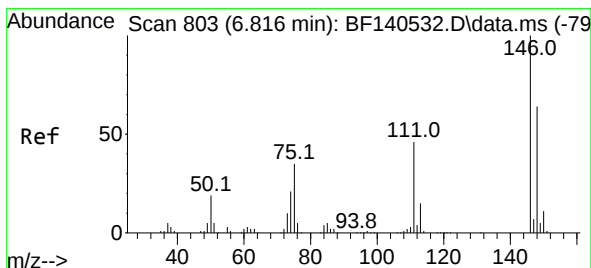
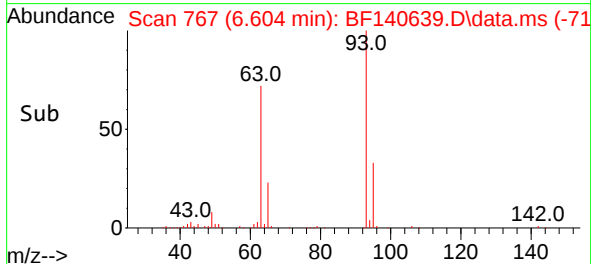
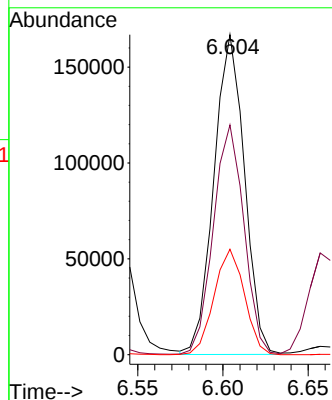
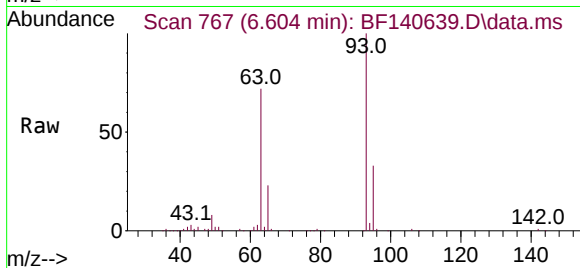
ClientSampleId :

PH2-BOT-006MS

Tgt Ion: 93 Resp: 208272
Ion Ratio Lower Upper
93 100
63 71.8 52.8 92.8
95 33.0 12.3 52.3

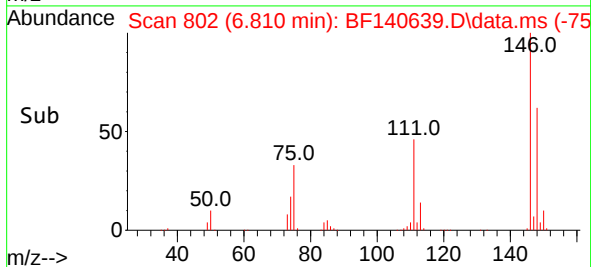
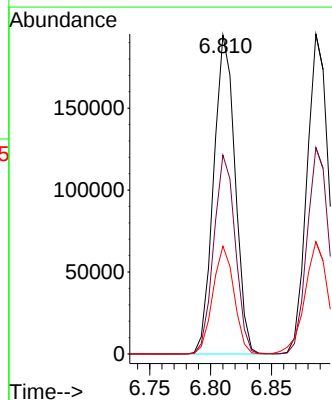
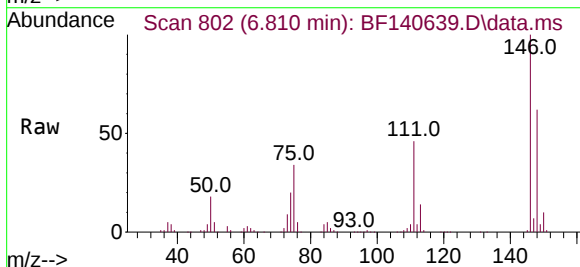
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 46.265 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:146 Resp: 238881
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 33.8 28.2 42.2





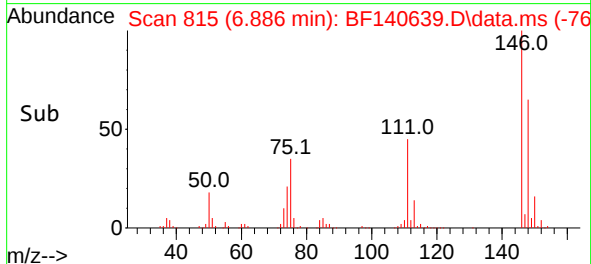
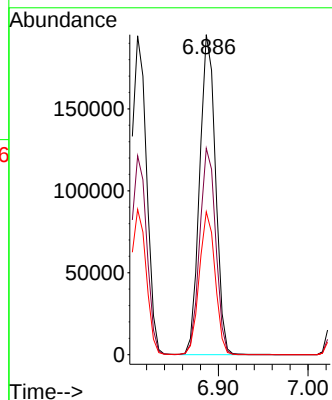
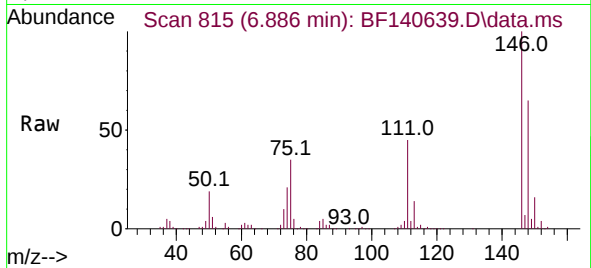
#13
1,4-Dichlorobenzene
Concen: 45.988 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion:146 Resp: 240428
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 44.6 35.3 52.9

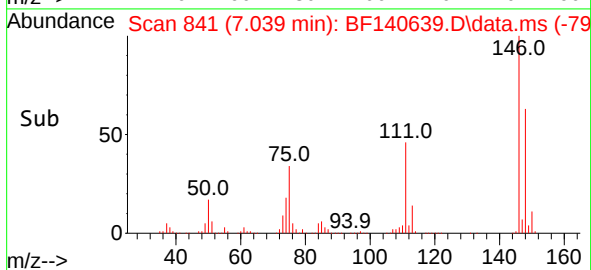
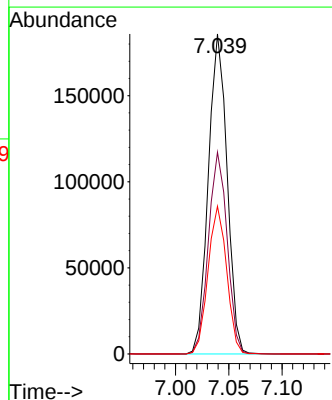
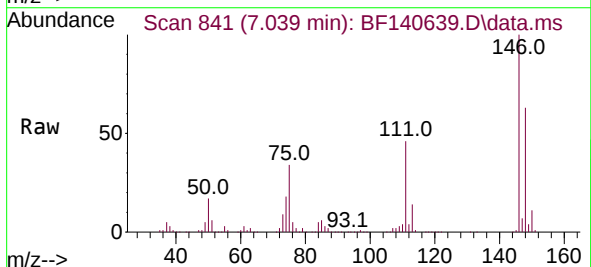
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 46.408 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:146 Resp: 227344
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 46.2 36.7 55.1





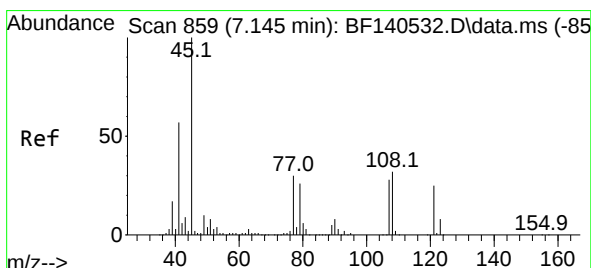
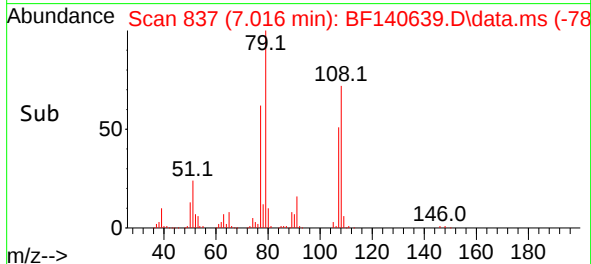
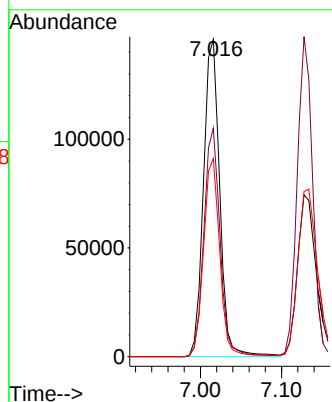
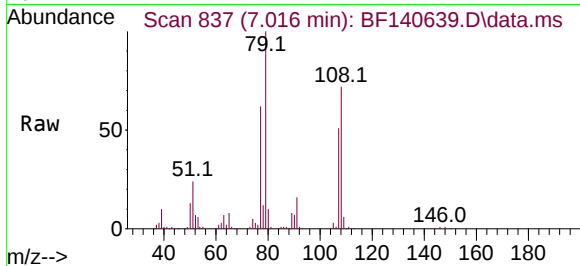
#15
Benzyl Alcohol
Concen: 48.345 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion: 79 Resp: 20244
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 62.5 50.1 75.1

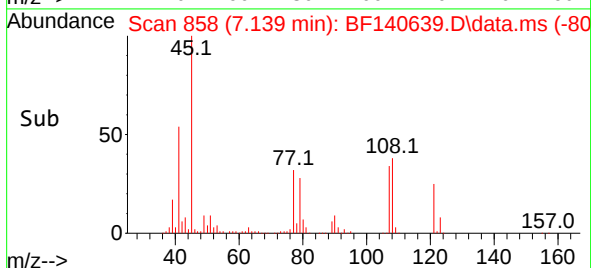
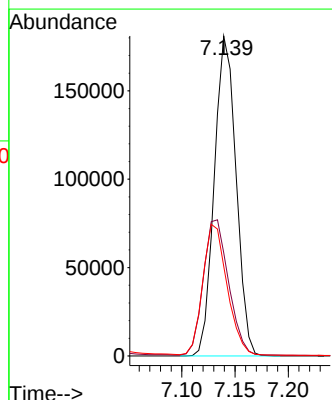
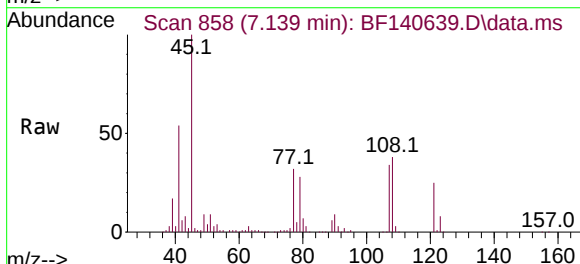
Manual Integrations
APPROVED

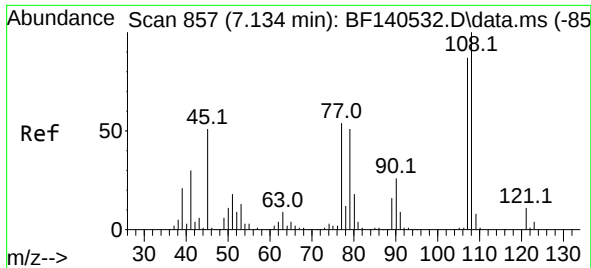
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.176 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion: 45 Resp: 256362
Ion Ratio Lower Upper
45 100
77 32.2 10.7 50.7
79 28.1 7.0 47.0





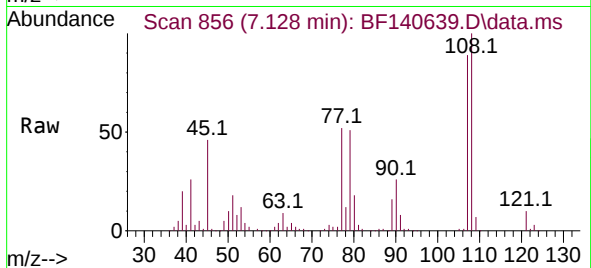
#17
2-Methylphenol
Concen: 46.535 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

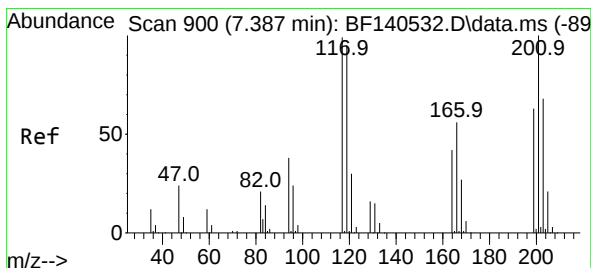
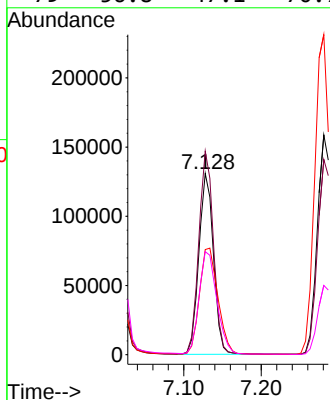
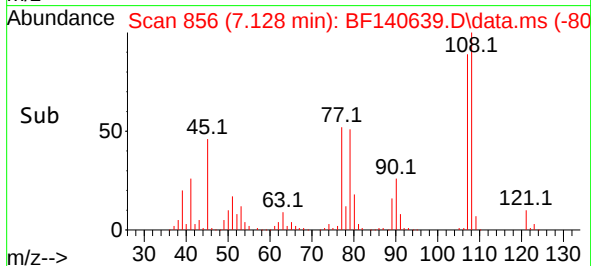


Tgt Ion:107 Resp: 17117
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 58.0 49.3 73.9
79 56.8 47.1 70.7

Manual Integrations

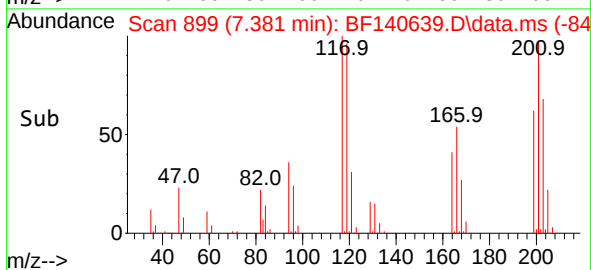
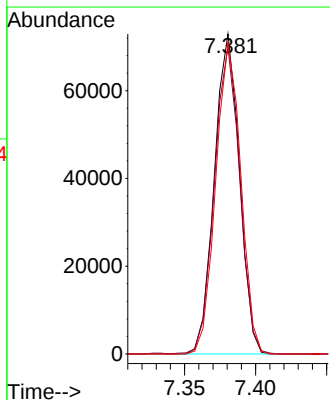
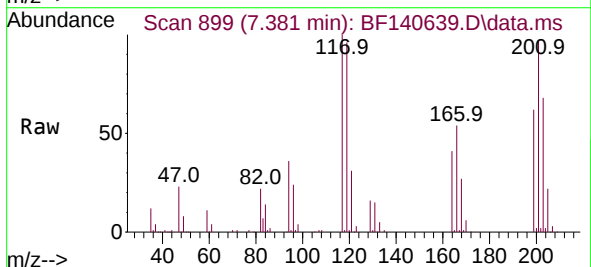
APPROVED

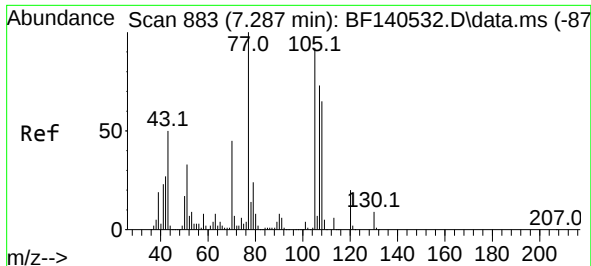
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 45.772 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:117 Resp: 89375
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 97.3 81.1 121.7





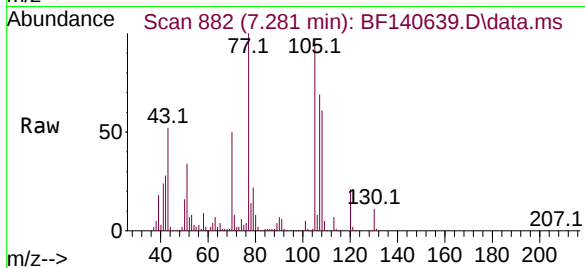
#19
n-Nitroso-di-n-propylamine
Concen: 46.425 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

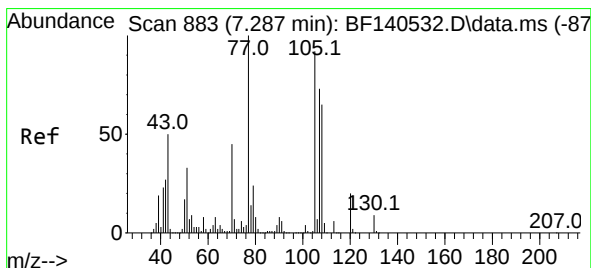
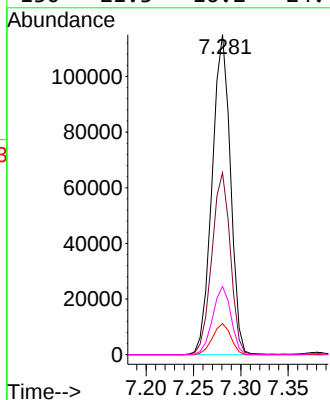
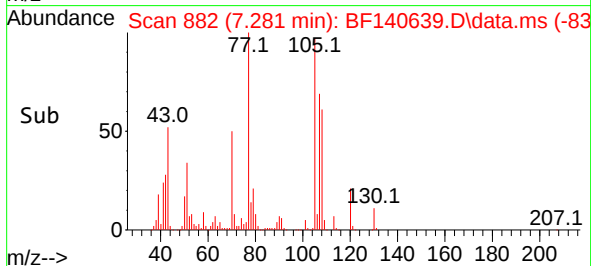
PH2-BOT-006MS



Tgt Ion: 70 Resp: 154920
Ion Ratio Lower Upper
70 100
42 56.8 47.6 71.4
101 9.7 7.6 11.4
130 21.3 16.2 24.4

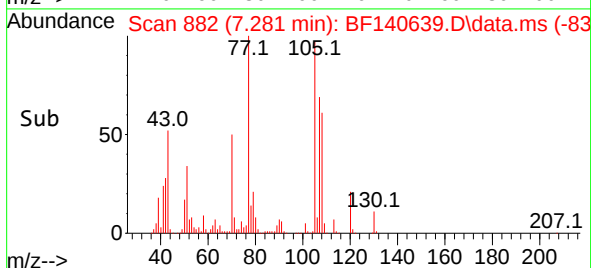
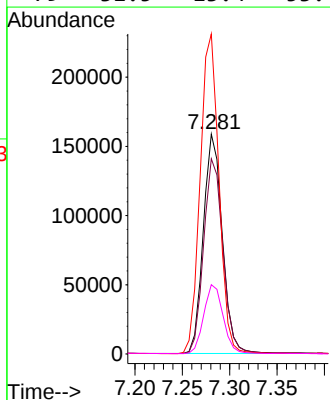
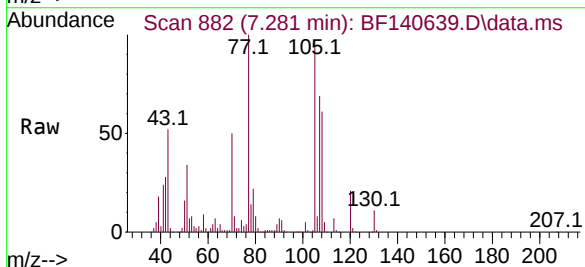
Manual Integrations
APPROVED

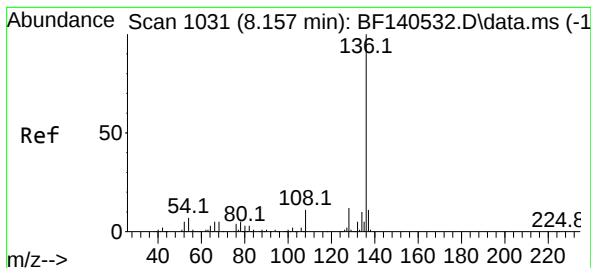
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 46.675 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:107 Resp: 220678
Ion Ratio Lower Upper
107 100
108 88.8 69.9 109.9
77 145.6 117.7 157.7
79 31.5 13.4 53.4





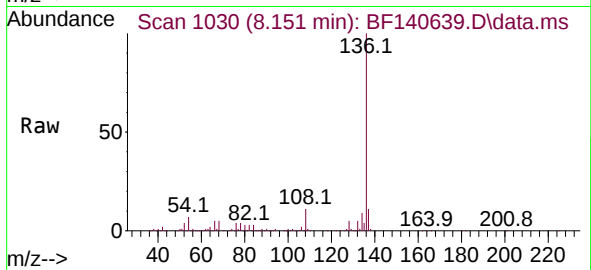
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



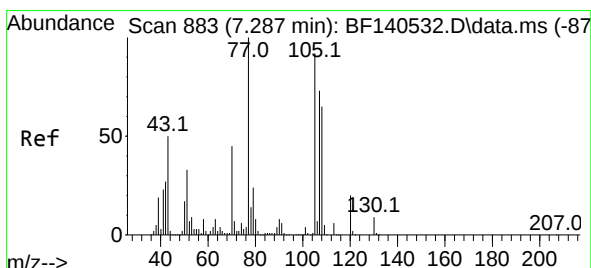
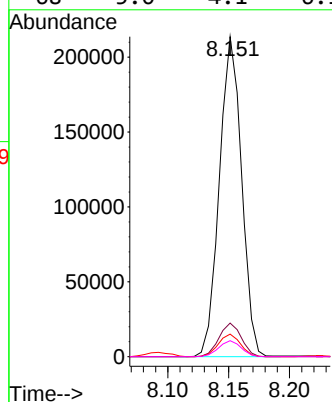
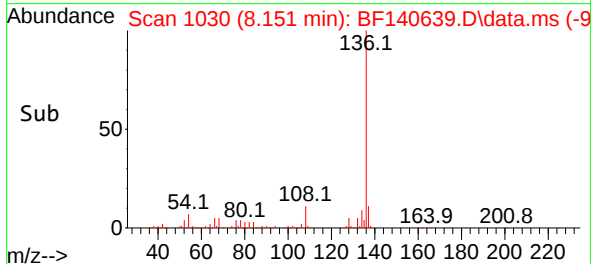
Tgt Ion:136 Resp: 271368
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.1 5.8 8.8
68 5.0 4.1 6.1

Manual Integrations

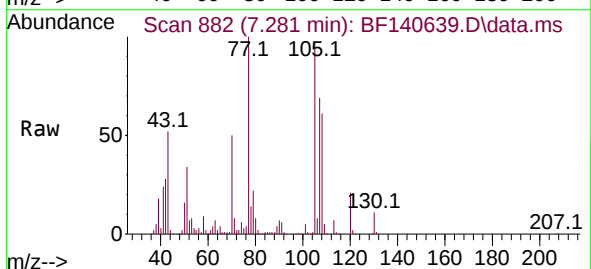
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

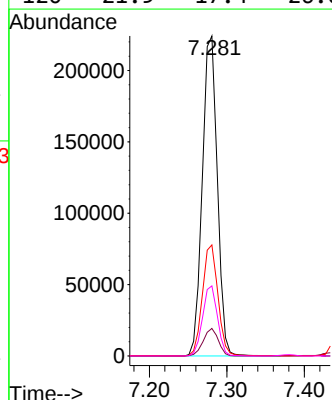
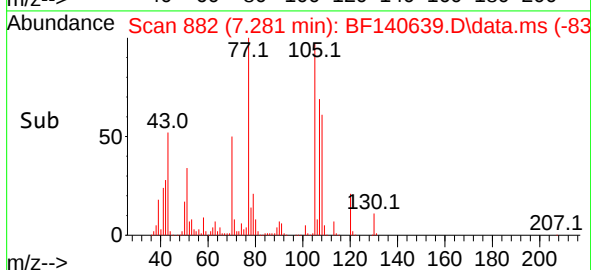
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 45.632 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:105 Resp: 301891
Ion Ratio Lower Upper
105 100
71 8.6 6.2 9.2
51 34.7 29.0 43.6
120 21.9 17.4 26.0





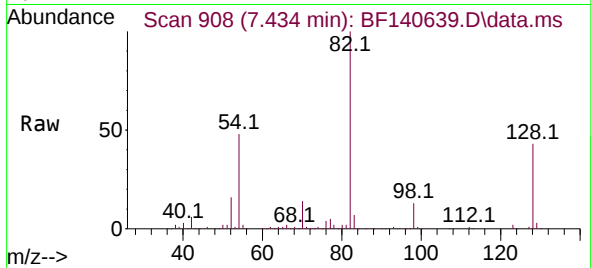
#23
Nitrobenzene-d5
Concen: 71.233 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

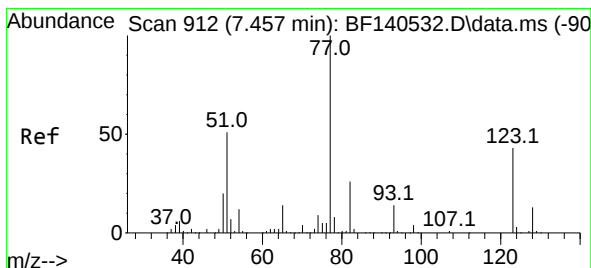
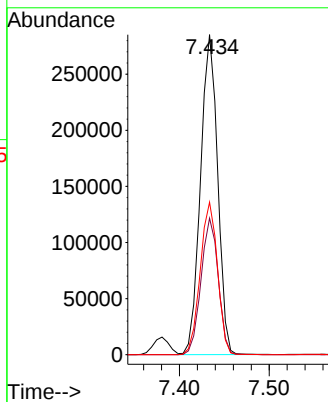
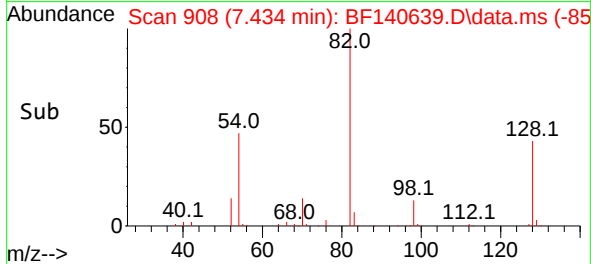


Tgt Ion: 82 Resp: 377912
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.7 39.5 59.3

Manual Integrations

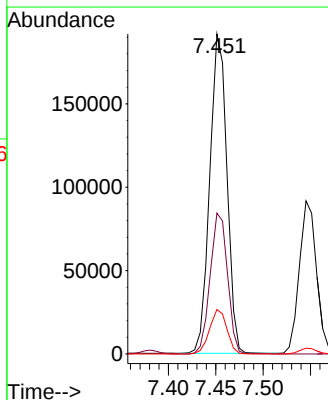
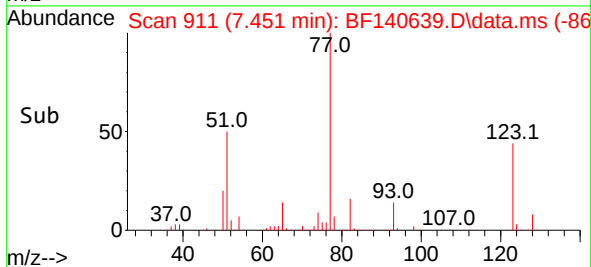
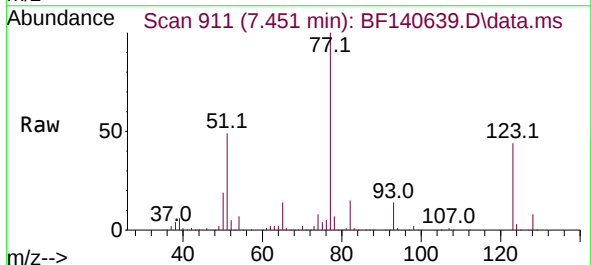
APPROVED

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



#24
Nitrobenzene
Concen: 43.981 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion: 77 Resp: 241159
Ion Ratio Lower Upper
77 100
123 44.0 34.3 51.5
65 13.9 11.2 16.8





#25
Isophorone
Concen: 46.469 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

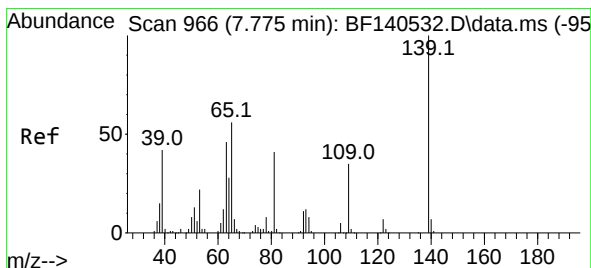
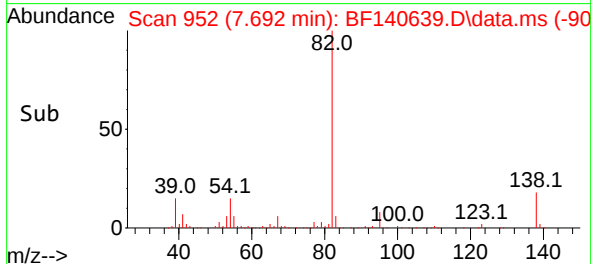
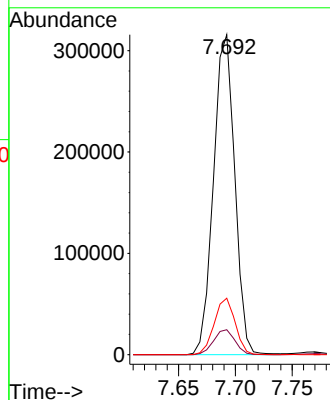
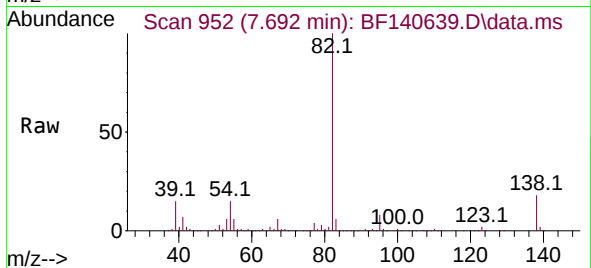
PH2-BOT-006MS

Tgt Ion: 82 Resp: 411193
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.8 20.6

Manual Integrations

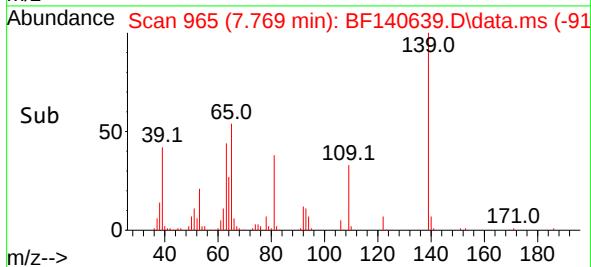
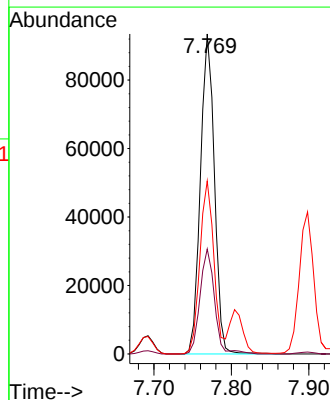
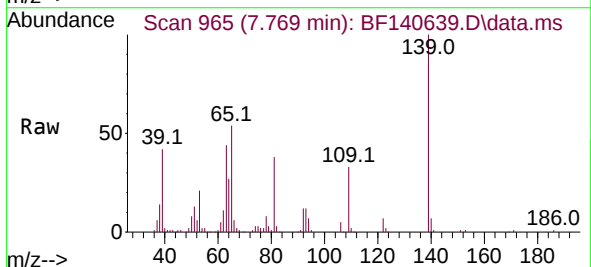
APPROVED

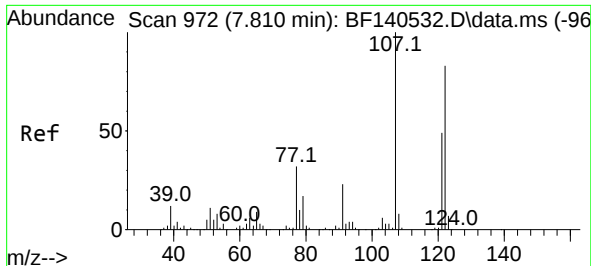
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 48.330 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:139 Resp: 117437
Ion Ratio Lower Upper
139 100
109 32.8 28.0 42.0
65 54.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 55.828 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

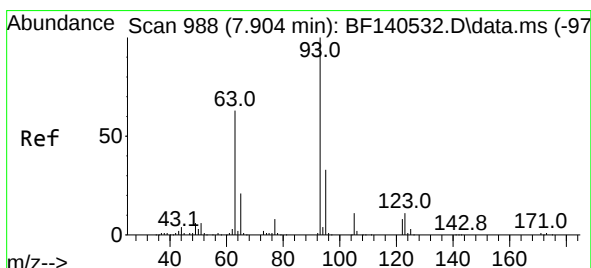
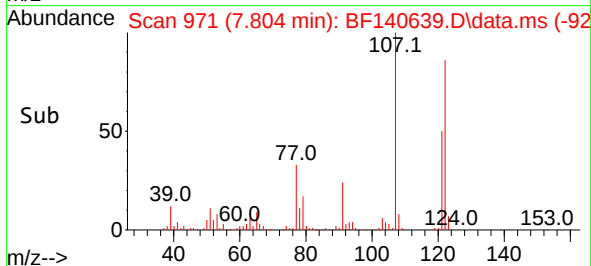
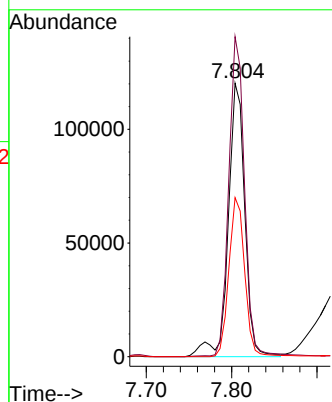
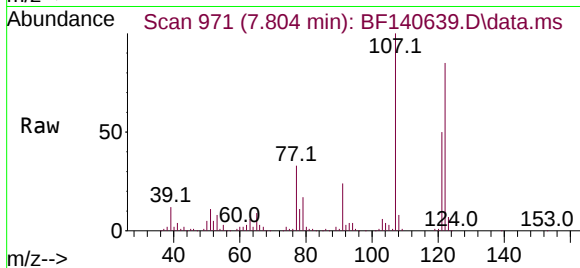
PH2-BOT-006MS

Tgt Ion:122 Resp: 16231
Ion Ratio Lower Upper
122 100
107 117.1 96.8 145.2
121 58.2 47.4 71.0

Manual Integrations

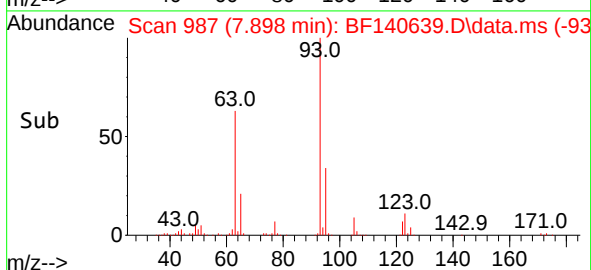
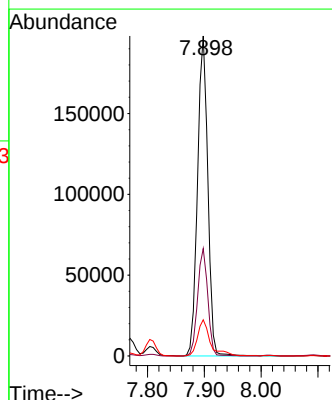
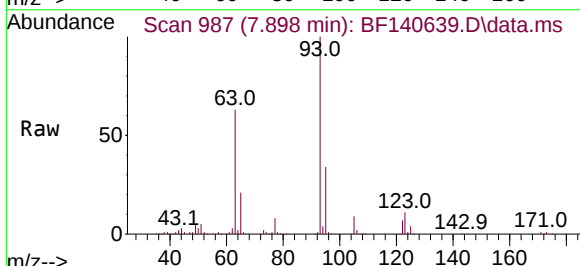
APPROVED

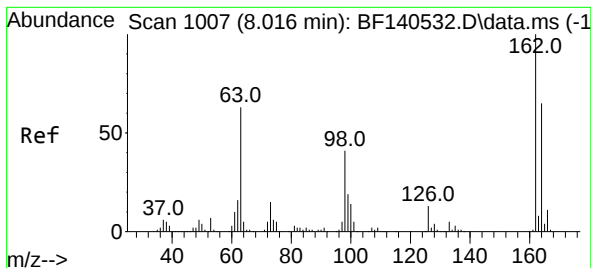
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.540 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion: 93 Resp: 250883
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 11.3 9.1 13.7





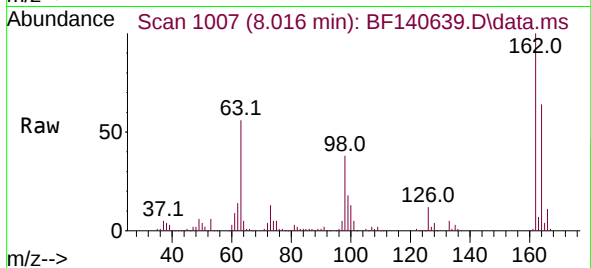
#29
2,4-Dichlorophenol
Concen: 47.309 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



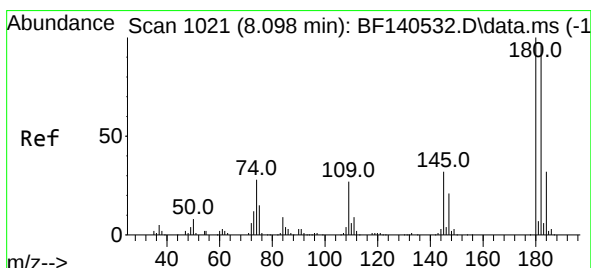
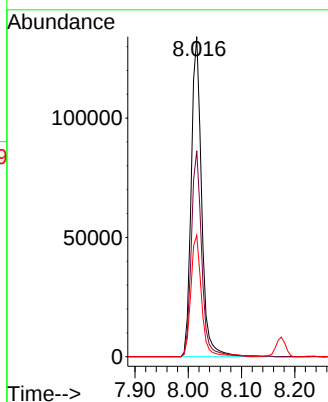
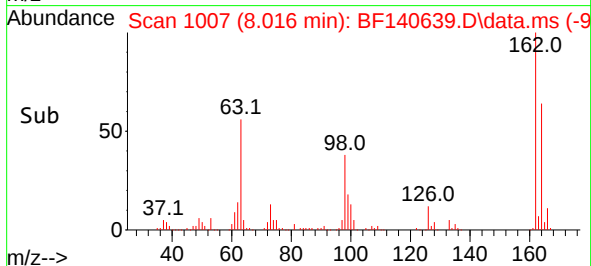
Tgt Ion:162 Resp: 18225
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 37.9 21.2 61.2

Manual Integrations

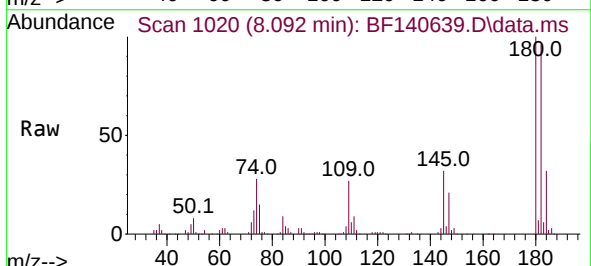
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

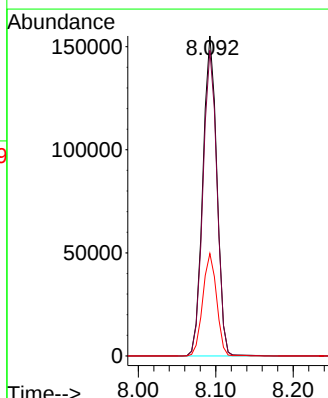
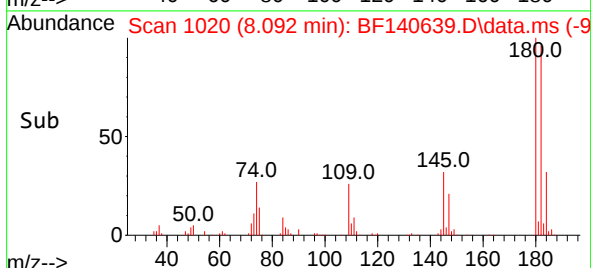
Supervised By :mohammad ahmed 11/27/2024

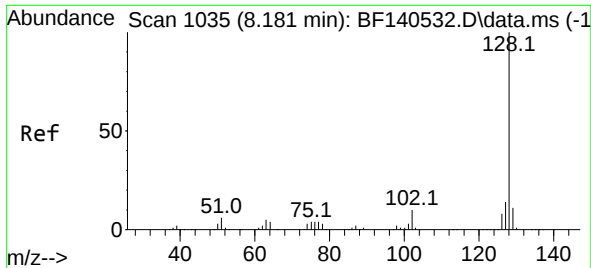


#30
1,2,4-Trichlorobenzene
Concen: 44.252 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:180 Resp: 194646
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 32.0 25.9 38.9





#31
Naphthalene
Concen: 46.229 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

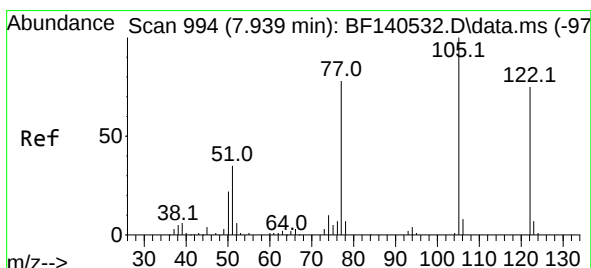
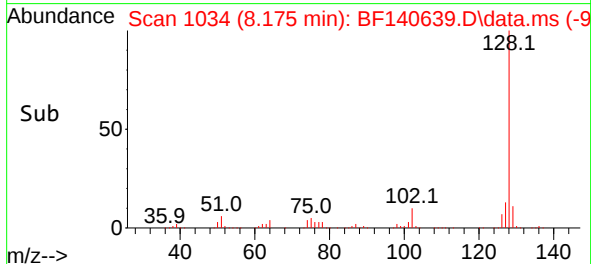
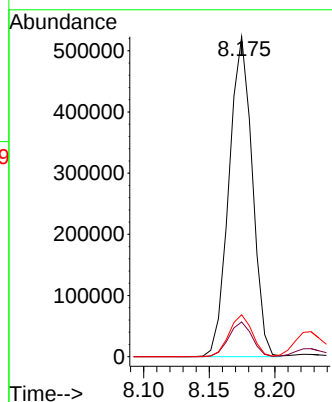
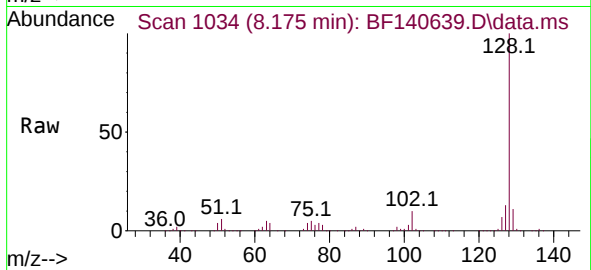
ClientSampleId :

PH2-BOT-006MS

Tgt Ion:128 Resp: 646180
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.8 16.2

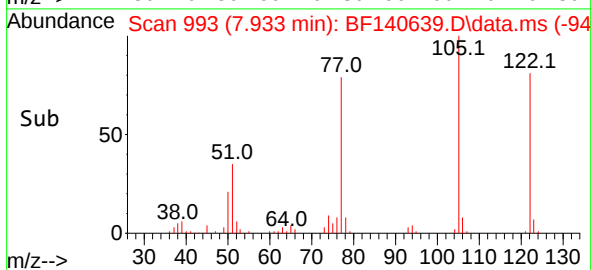
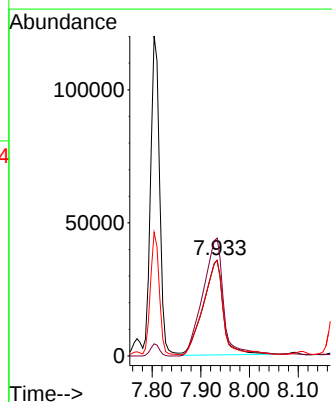
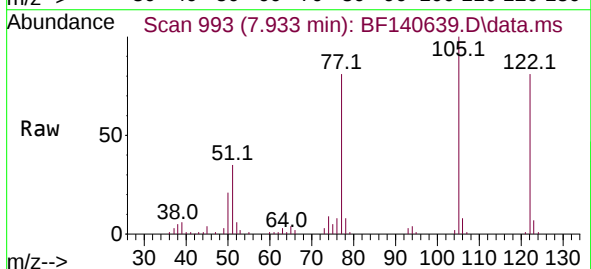
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 41.406 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:122 Resp: 101818
Ion Ratio Lower Upper
122 100
105 123.2 109.3 149.3
77 99.8 82.3 122.3





#33
4-Chloroaniline
Concen: 19.956 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

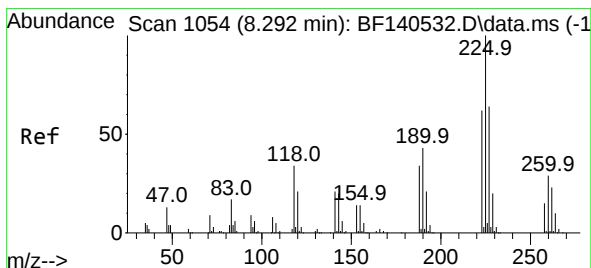
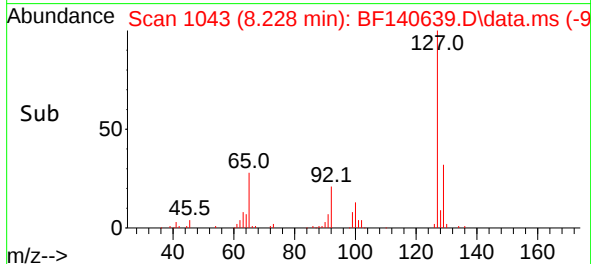
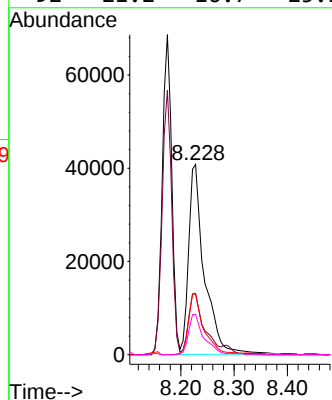
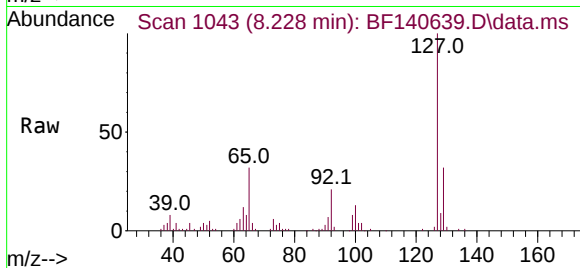
PH2-BOT-006MS

Tgt Ion:127 Resp: 83510
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 31.9 26.0 39.0
92 21.2 16.7 25.1

Manual Integrations

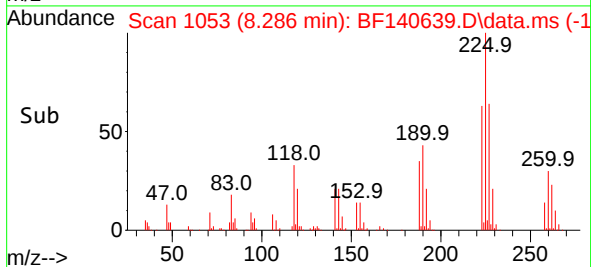
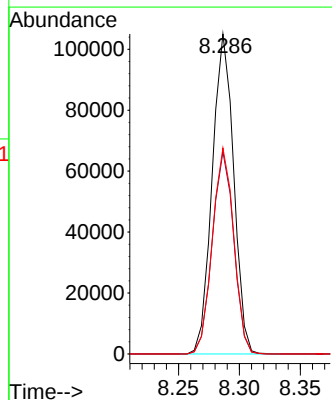
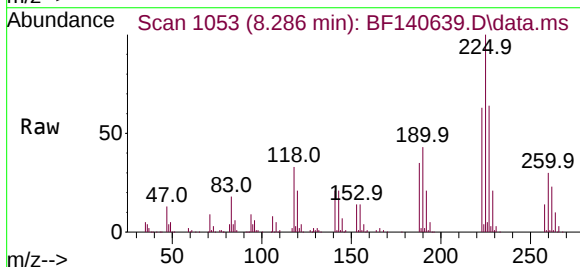
APPROVED

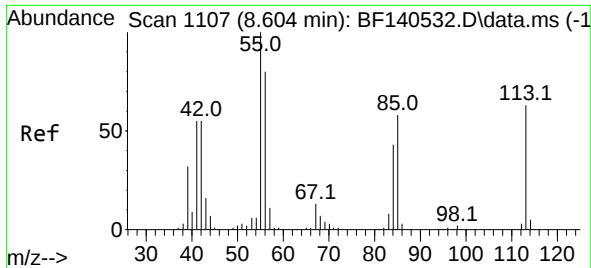
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 44.091 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:225 Resp: 128456
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 64.4 51.3 76.9





#35
Caprolactam
Concen: 47.707 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

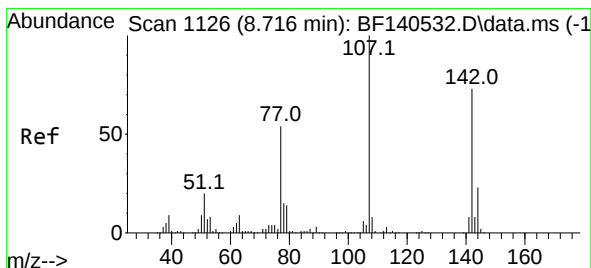
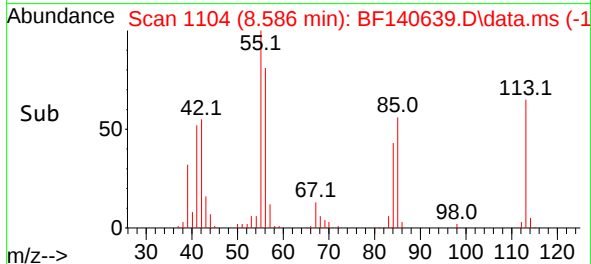
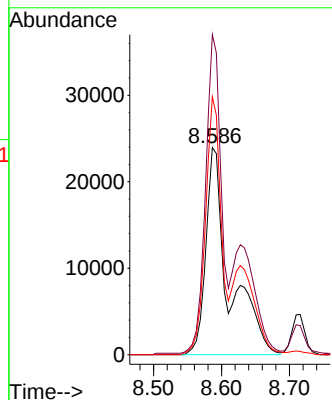
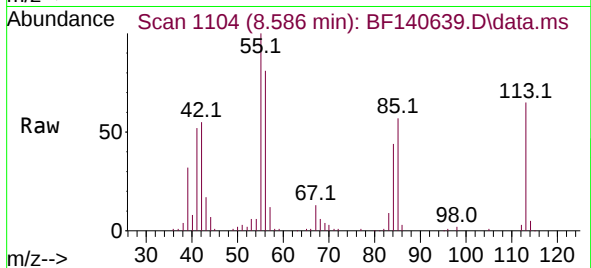
PH2-BOT-006MS

Tgt Ion:113 Resp: 5687
Ion Ratio Lower Upper
113 100
55 154.6 137.7 177.7
56 124.6 106.4 146.4

Manual Integrations

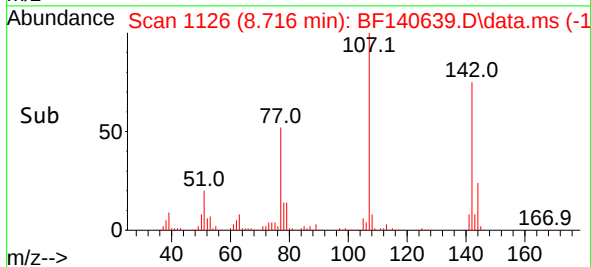
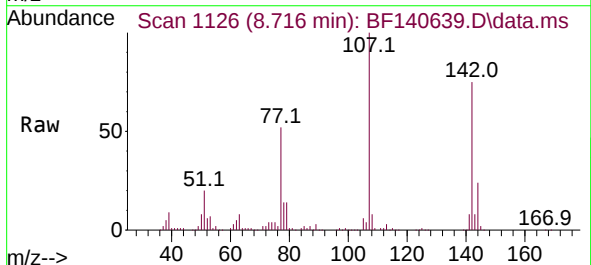
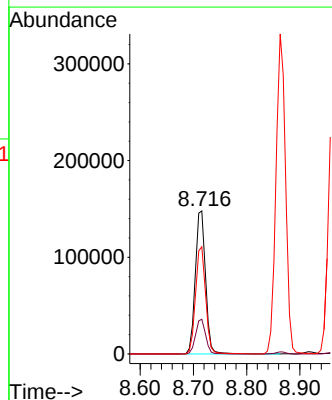
APPROVED

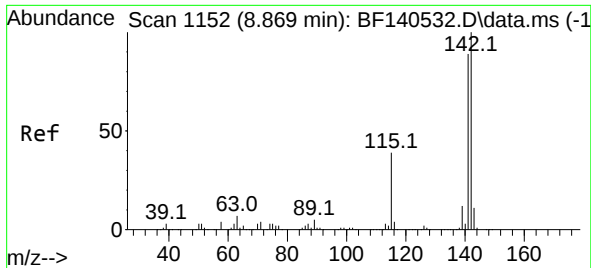
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 45.847 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:107 Resp: 197751
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 75.0 58.3 87.5





#37
2-Methylnaphthalene
Concen: 46.690 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

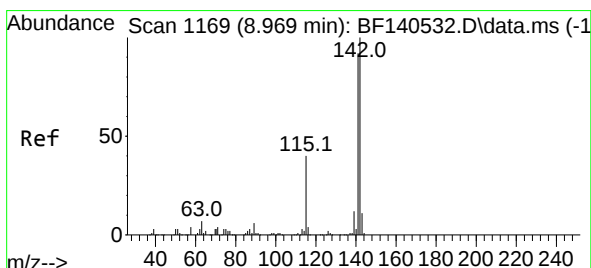
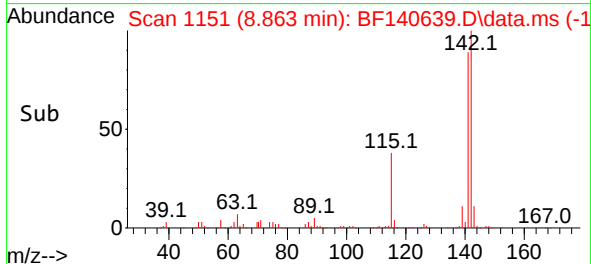
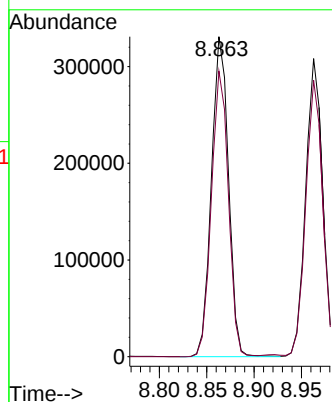
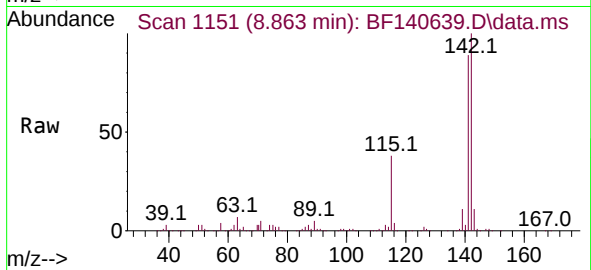
PH2-BOT-006MS

Tgt Ion:142 Resp: 414518
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6

Manual Integrations

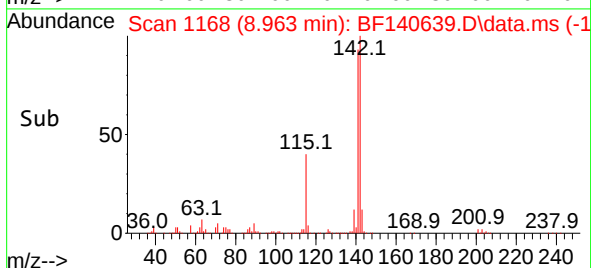
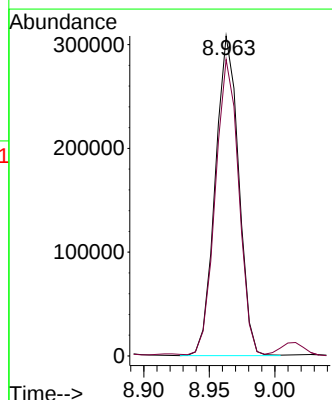
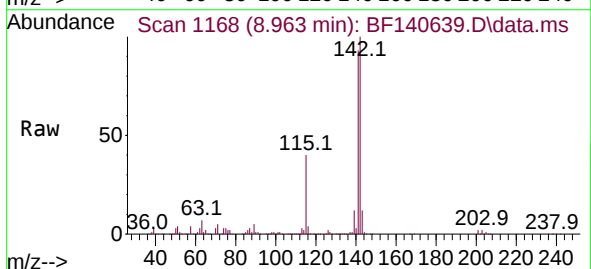
APPROVED

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



#38
1-Methylnaphthalene
Concen: 43.798 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:142 Resp: 381148
Ion Ratio Lower Upper
142 100
141 92.7 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: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

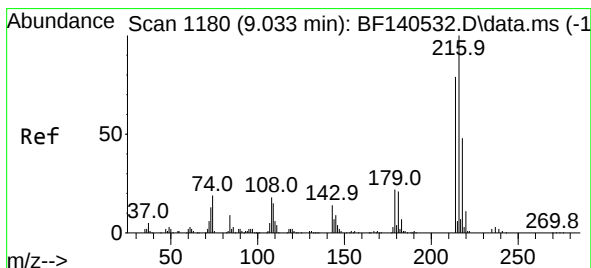
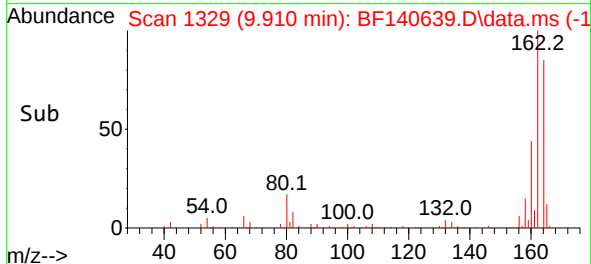
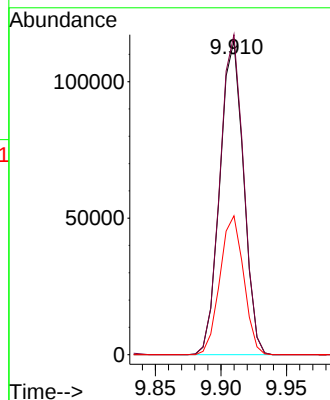
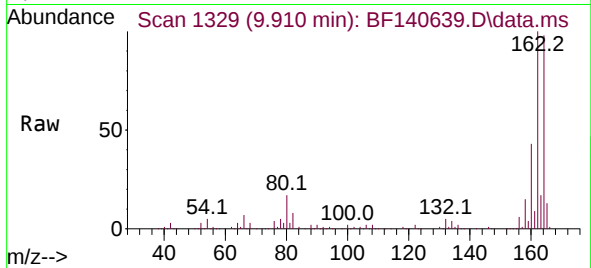
Tgt Ion:164 Resp: 144034
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 44.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.983 ng

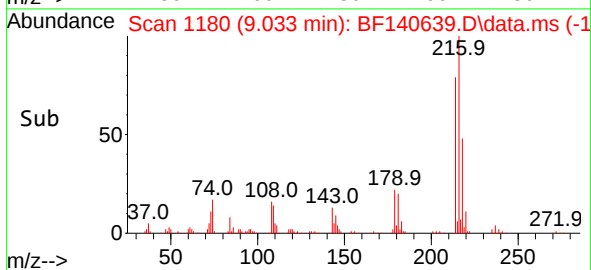
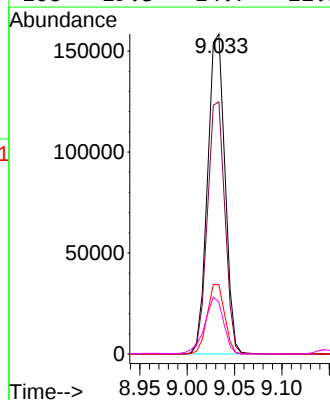
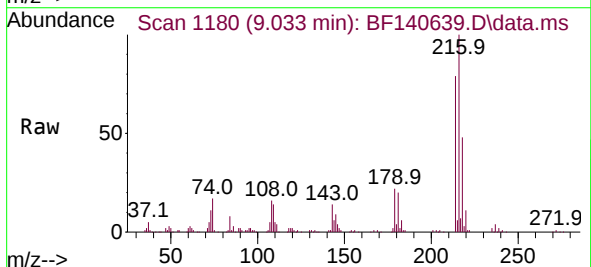
RT: 9.033 min Scan# 1180

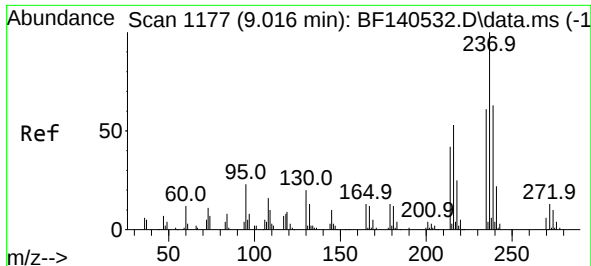
Delta R.T. -0.000 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Tgt Ion:216 Resp: 202324
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.0 94.4
 179 21.8 17.5 26.3
 108 19.3 14.7 22.1





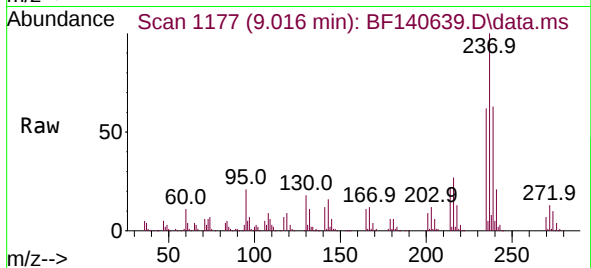
#41
Hexachlorocyclopentadiene
Concen: 137.572 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



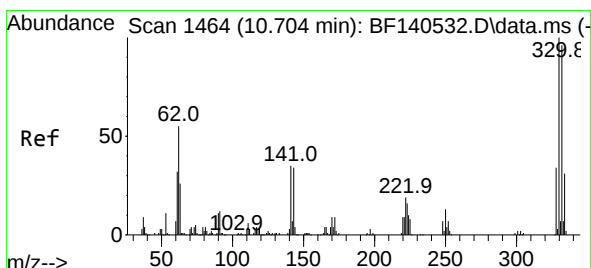
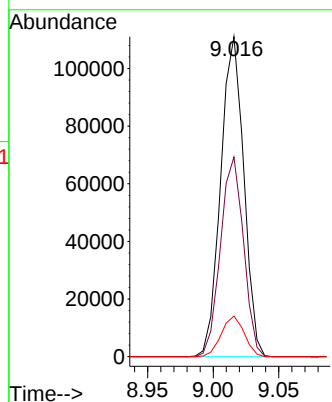
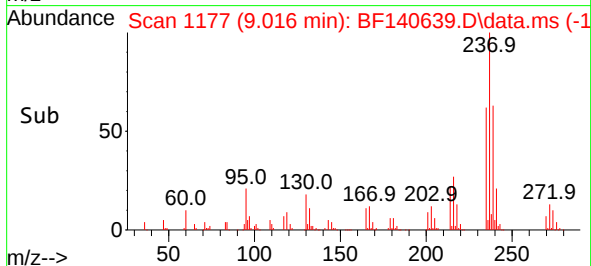
Tgt Ion:237 Resp: 135861
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations

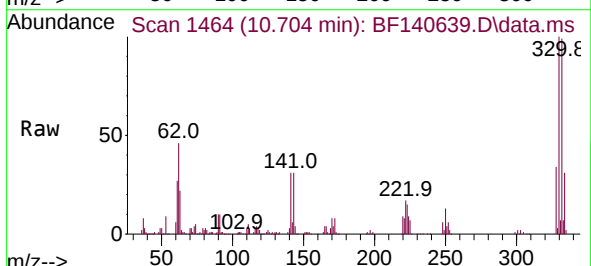
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

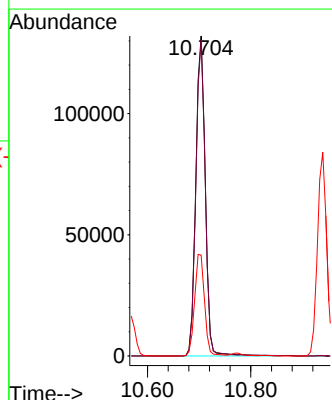
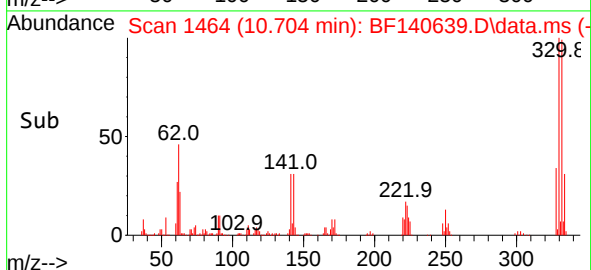
Supervised By :mohammad ahmed 11/27/2024

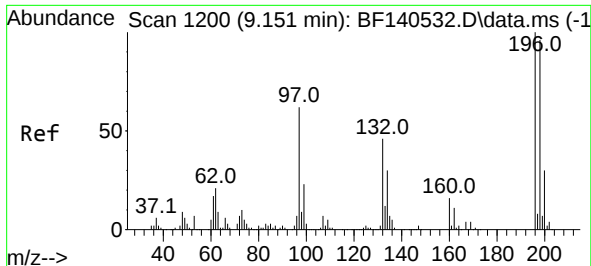


#42
2,4,6-Tribromophenol
Concen: 108.895 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:330 Resp: 167747
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 33.3 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 48.282 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

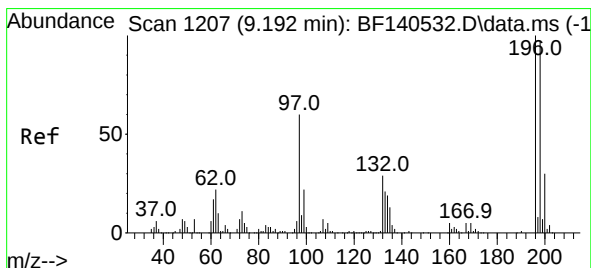
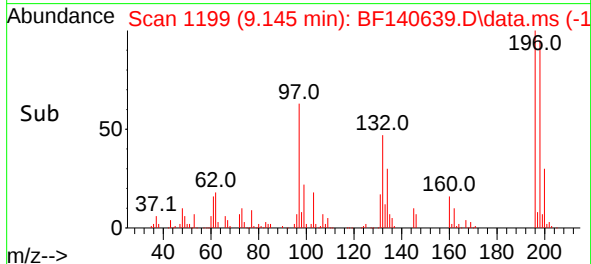
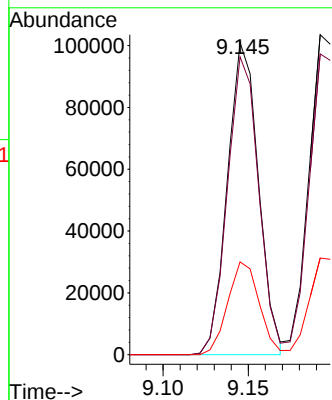
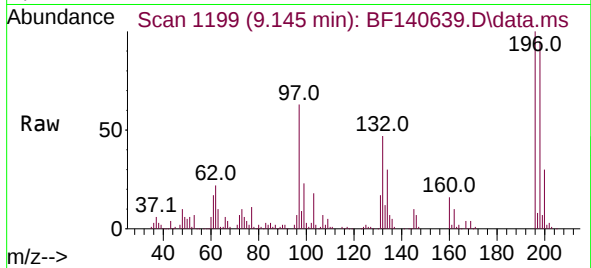
PH2-BOT-006MS

Tgt Ion:196 Resp: 127748
Ion Ratio Lower Upper
196 100
198 95.4 76.8 115.2
200 29.7 24.3 36.5

Manual Integrations

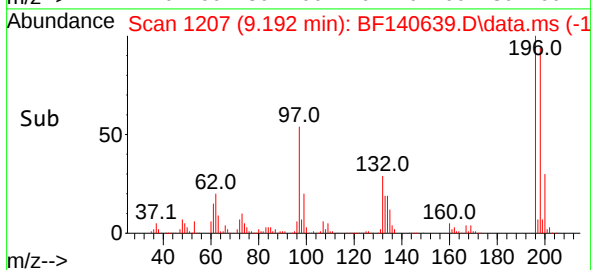
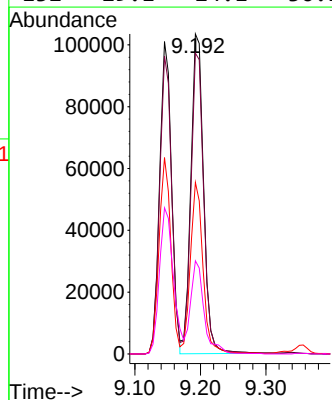
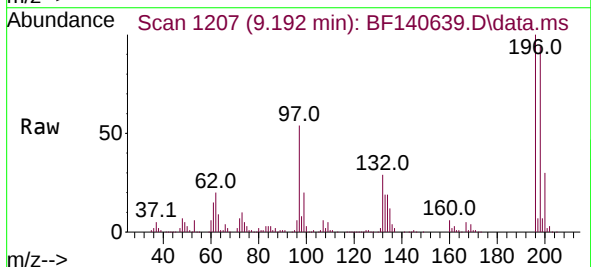
APPROVED

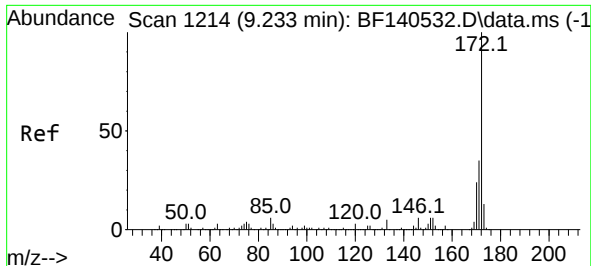
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 48.551 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:196 Resp: 139416
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
97 53.6 47.1 70.7
132 29.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 73.489 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

Tgt Ion:172 Resp: 71042

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

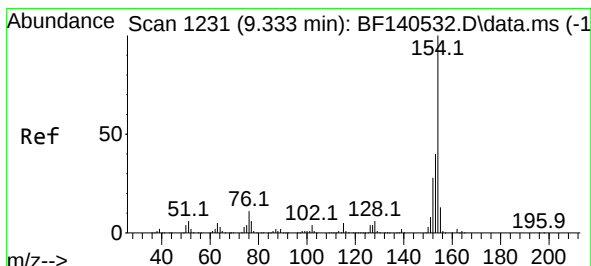
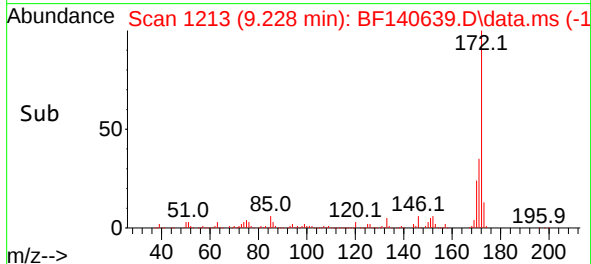
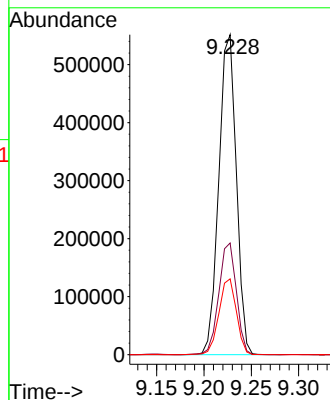
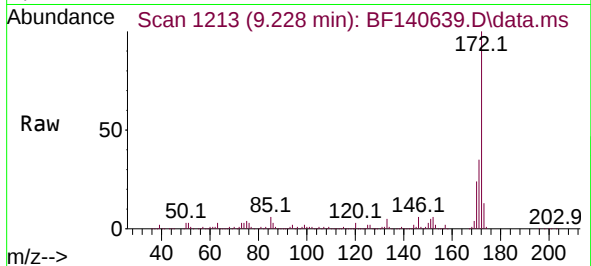
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 47.862 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

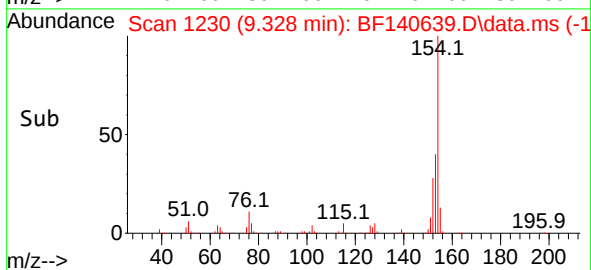
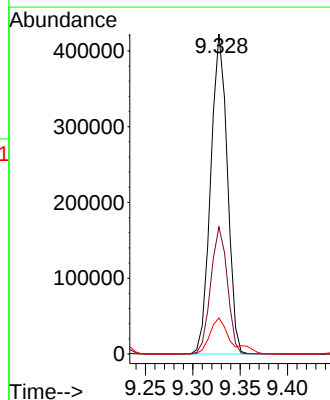
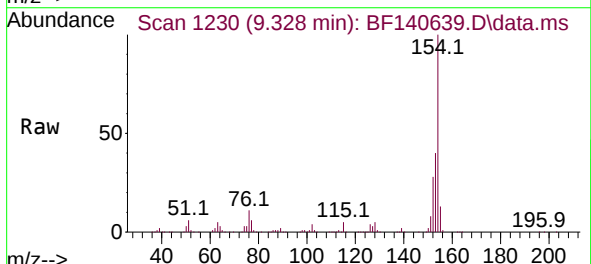
Tgt Ion:154 Resp: 514692

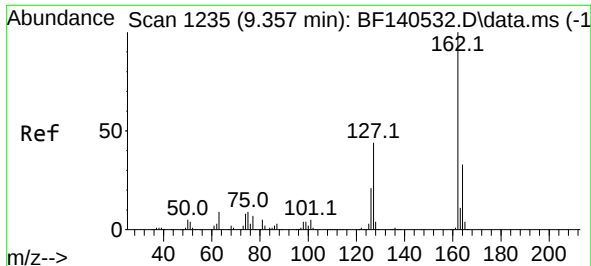
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.940 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

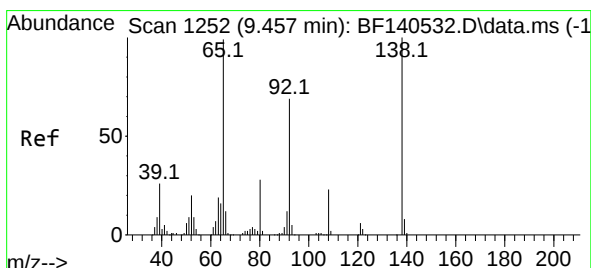
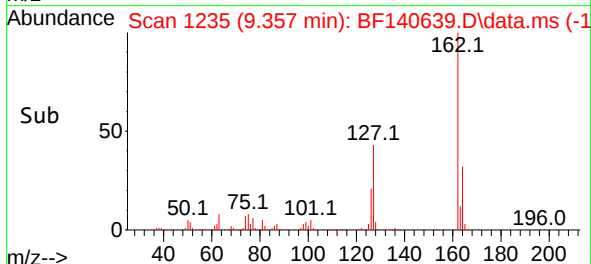
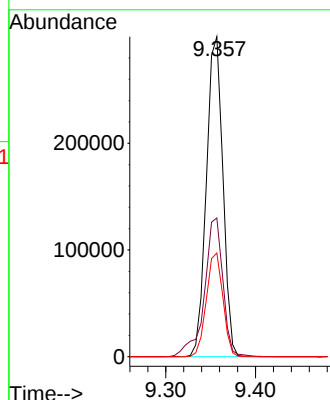
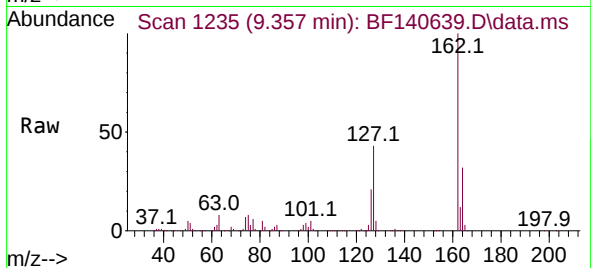
PH2-BOT-006MS

Tgt Ion:162 Resp: 382485
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.7 53.5
 164 32.4 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: 48.114 ng

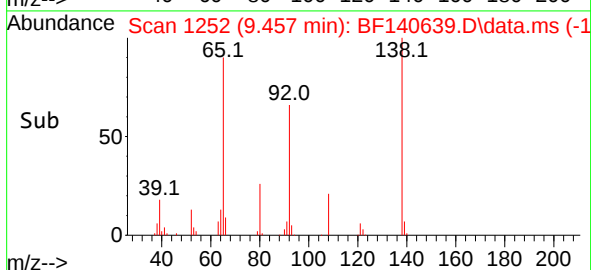
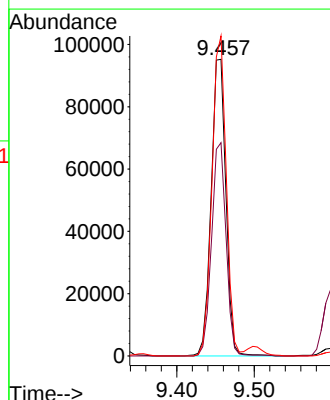
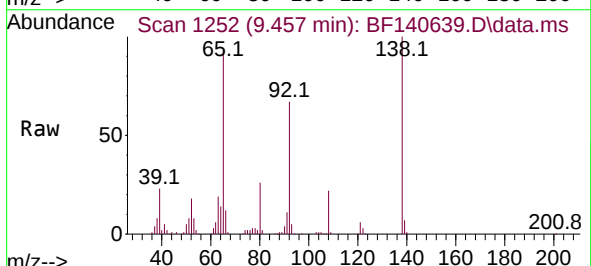
RT: 9.457 min Scan# 1252

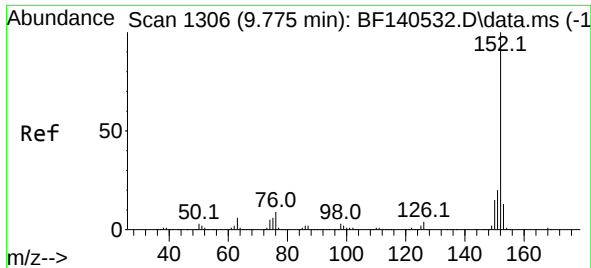
Delta R.T. -0.000 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Tgt Ion: 65 Resp: 125839
 Ion Ratio Lower Upper
 65 100
 92 71.9 56.1 84.1
 138 107.9 81.0 121.6





#49
Acenaphthylene
Concen: 51.217 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

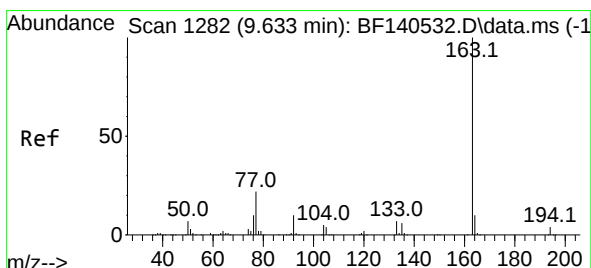
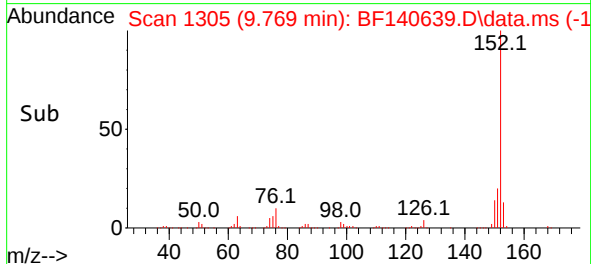
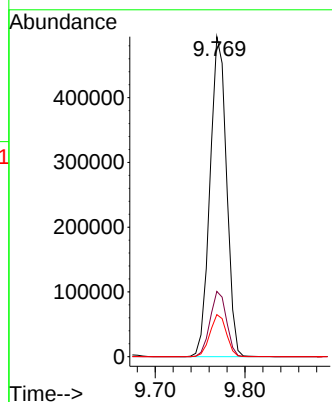
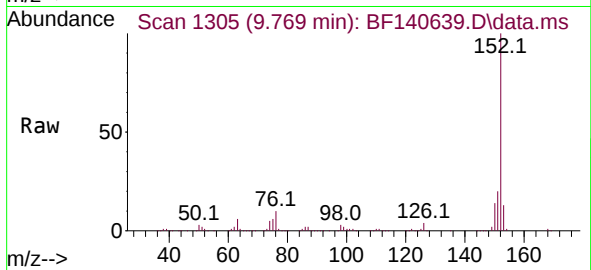
ClientSampleId :

PH2-BOT-006MS

Tgt Ion:152 Resp: 63056
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.2 10.6 16.0

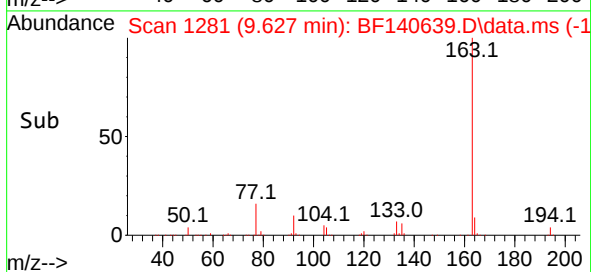
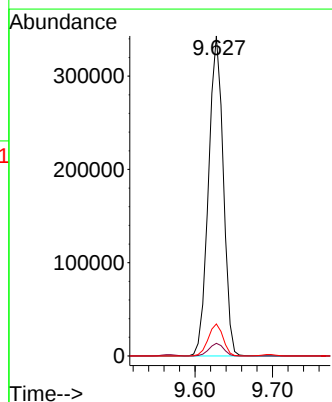
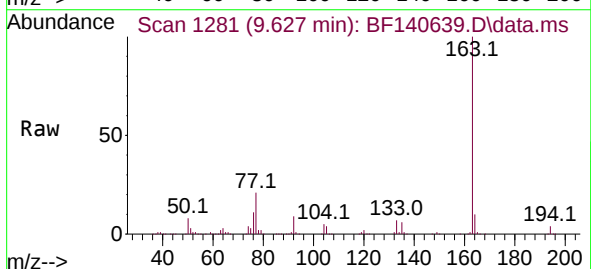
Manual Integrations
APPROVED

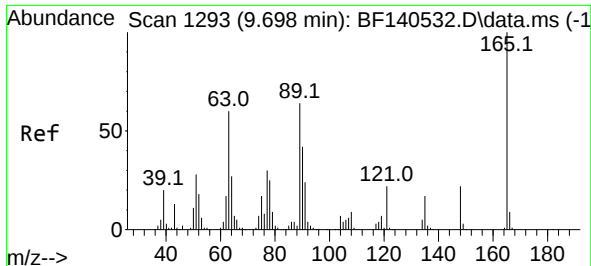
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 47.924 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:163 Resp: 454611
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: 46.104 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

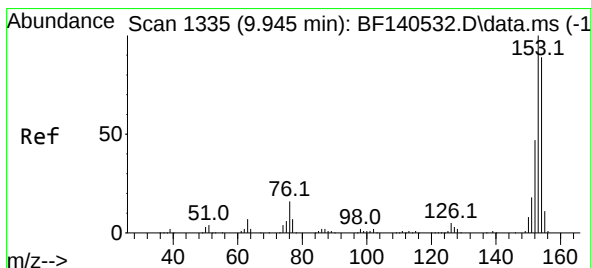
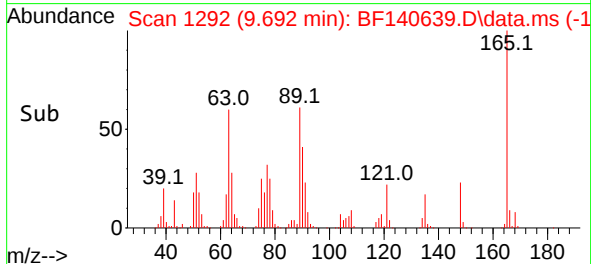
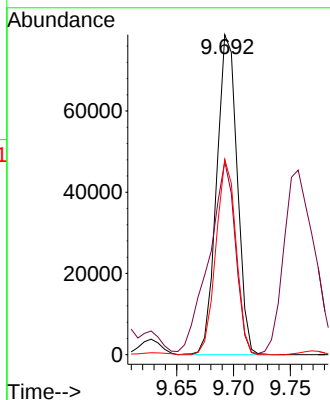
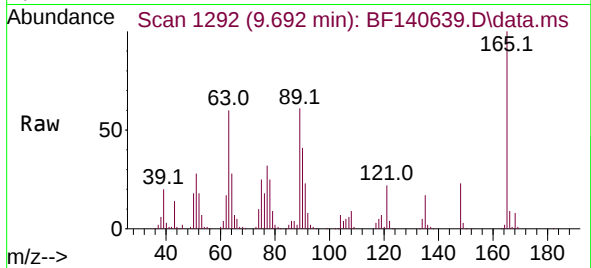
ClientSampleId :

PH2-BOT-006MS

Tgt Ion:165 Resp: 99188
Ion Ratio Lower Upper
165 100
63 60.4 49.9 74.9
89 61.0 50.9 76.3

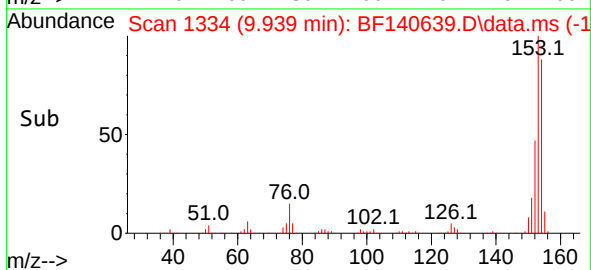
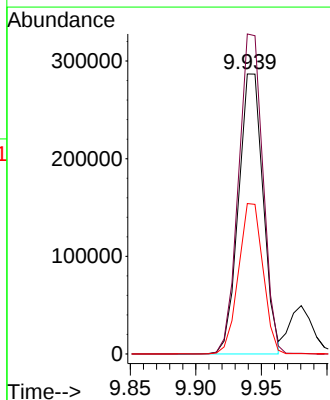
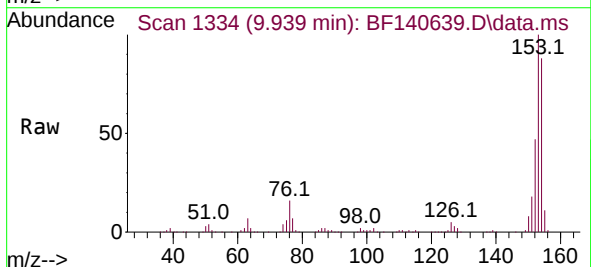
Manual Integrations
APPROVED

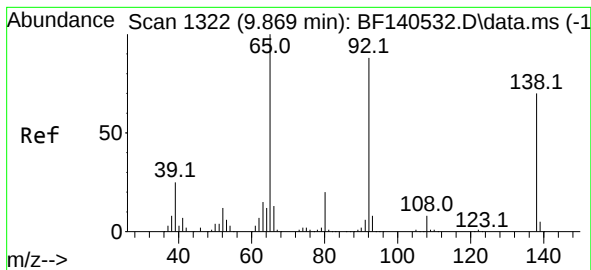
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 47.942 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:154 Resp: 375033
Ion Ratio Lower Upper
154 100
153 114.3 89.7 134.5
152 53.7 42.5 63.7





#53
3-Nitroaniline
Concen: 27.480 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

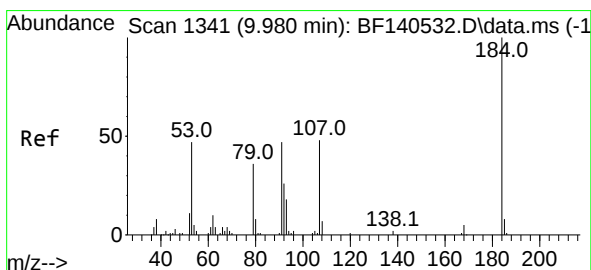
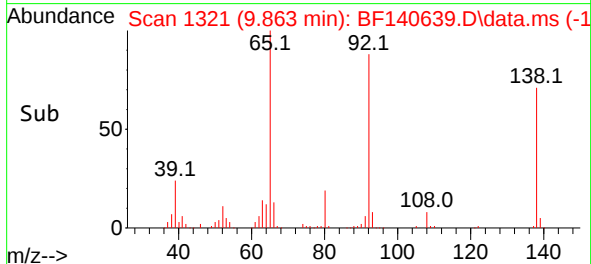
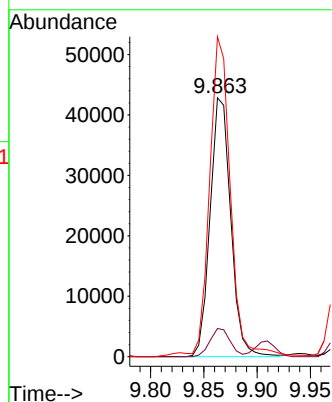
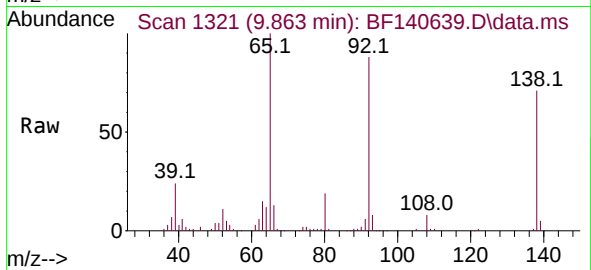
ClientSampleId :

PH2-BOT-006MS

Tgt Ion:138 Resp: 5782
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 123.6 100.6 150.8

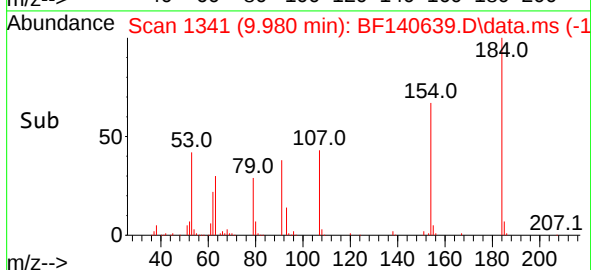
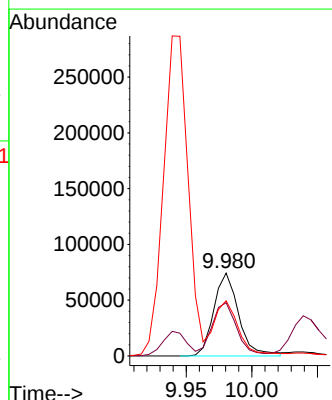
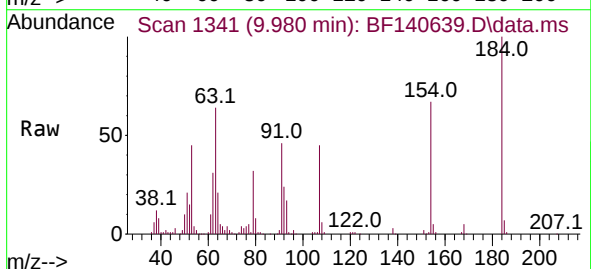
Manual Integrations
APPROVED

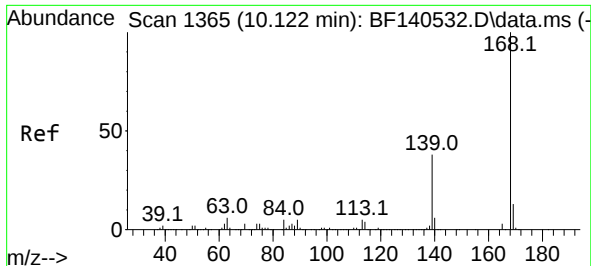
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 87.387 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

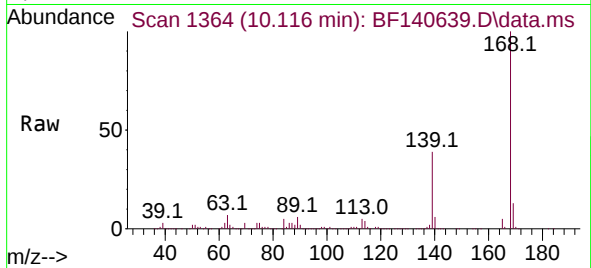
Tgt Ion:184 Resp: 98260
Ion Ratio Lower Upper
184 100
63 64.2 54.1 81.1
154 66.5 57.4 86.0





#55
Dibenzofuran
Concen: 47.979 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

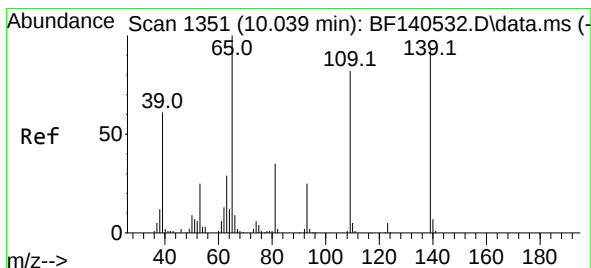
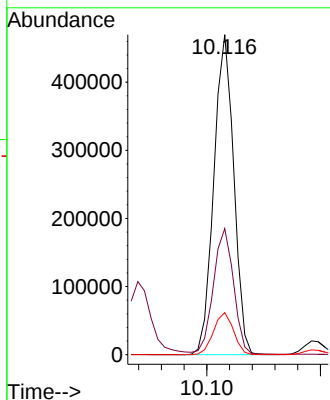
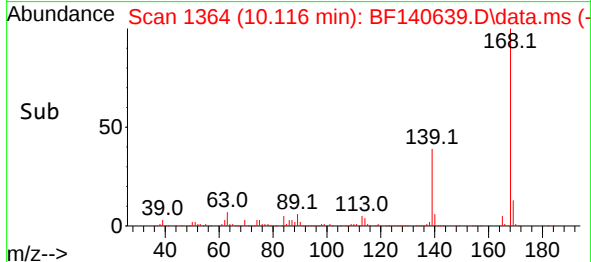
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS



Tgt Ion:168 Resp: 572484
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.1 10.5 15.7

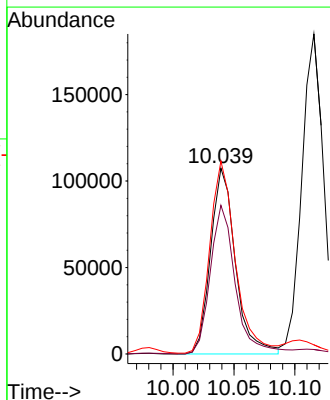
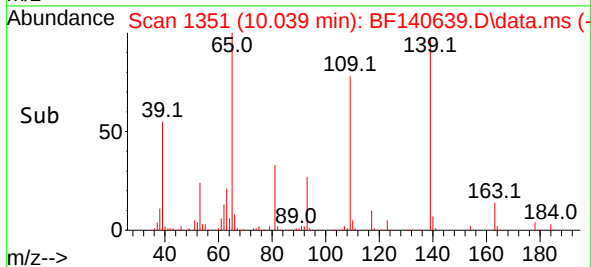
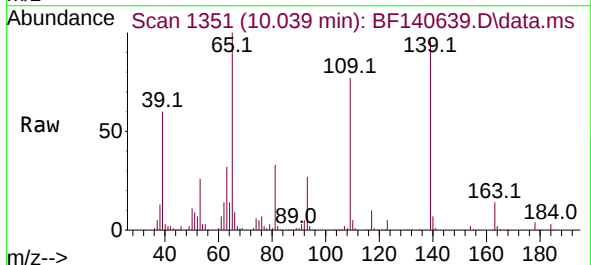
Manual Integrations
APPROVED

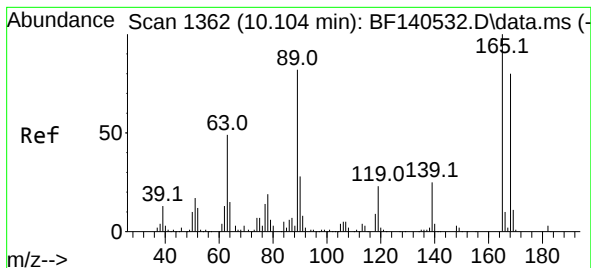
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 106.501 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:139 Resp: 152831
Ion Ratio Lower Upper
139 100
109 80.0 68.4 108.4
65 103.9 88.6 128.6





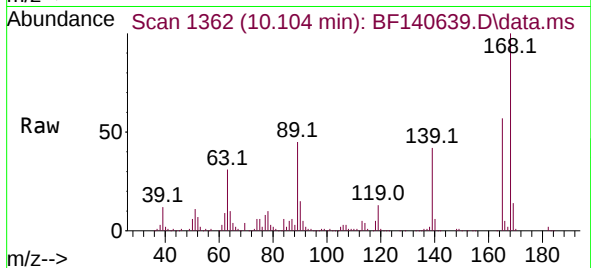
#57
2,4-Dinitrotoluene
Concen: 47.451 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



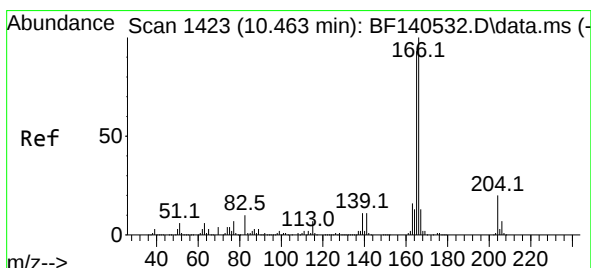
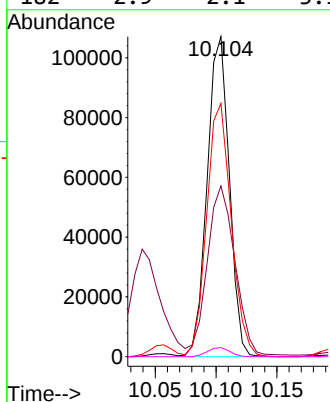
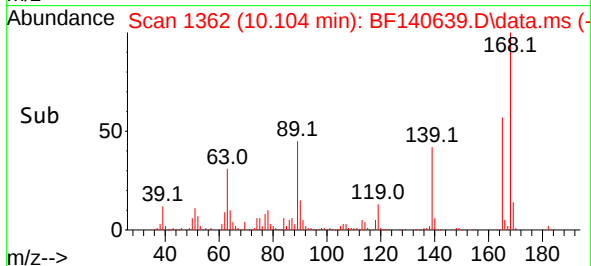
Tgt Ion:165 Resp: 135674
Ion Ratio Lower Upper
165 100
63 53.4 41.7 62.5
89 79.1 65.8 98.8
182 2.9 2.1 3.1

Manual Integrations

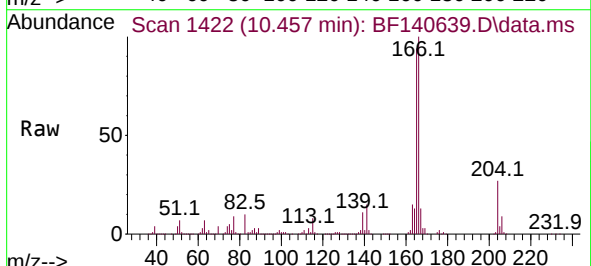
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

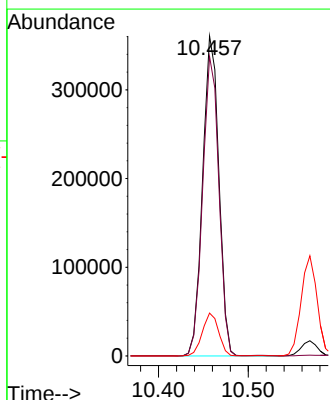
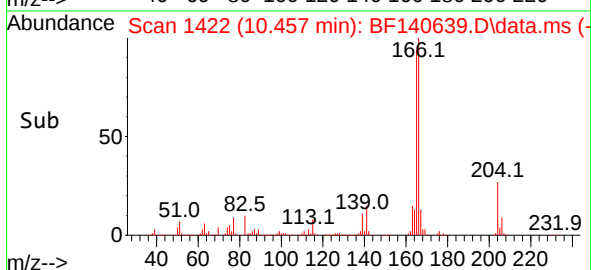
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 47.392 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



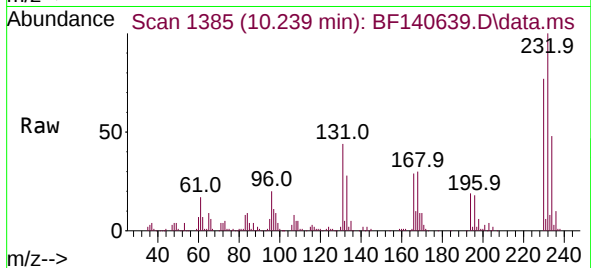
Tgt Ion:166 Resp: 453902
Ion Ratio Lower Upper
166 100
165 93.6 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.069 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

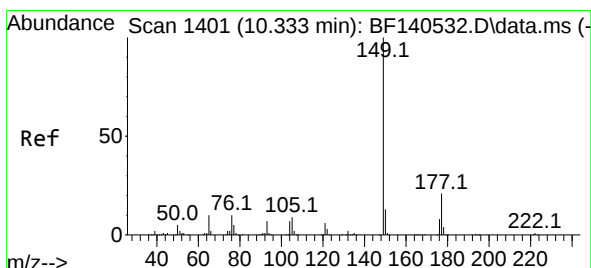
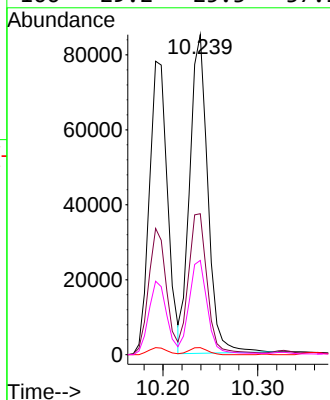
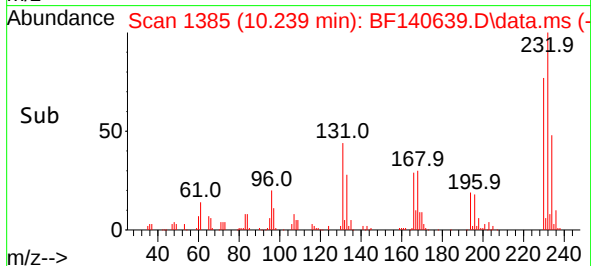
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS



Tgt Ion:232 Resp: 11270
Ion Ratio Lower Upper
232 100
131 44.9 39.6 59.4
130 2.3 1.9 2.9
166 29.2 25.3 37.9

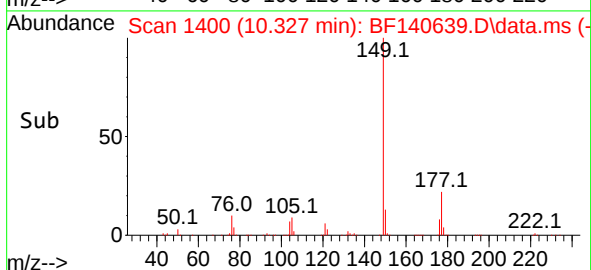
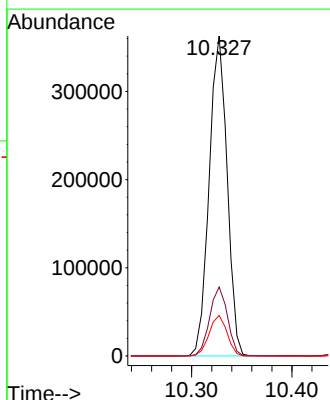
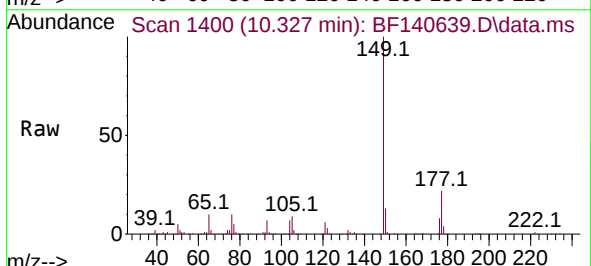
Manual Integrations
APPROVED

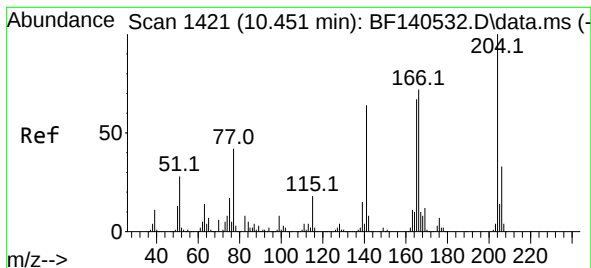
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 46.895 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:149 Resp: 451967
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.6 10.1 15.1





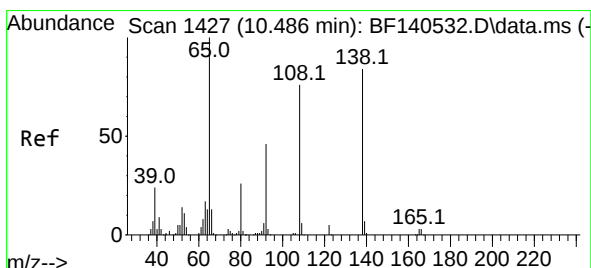
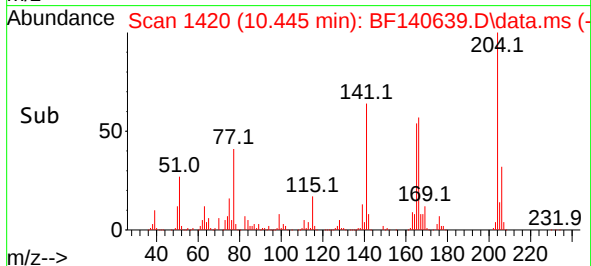
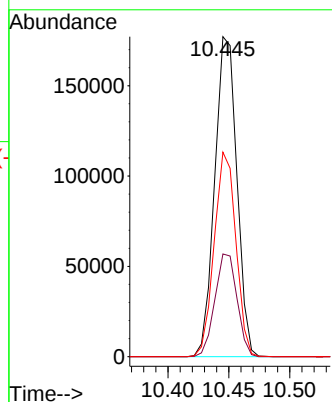
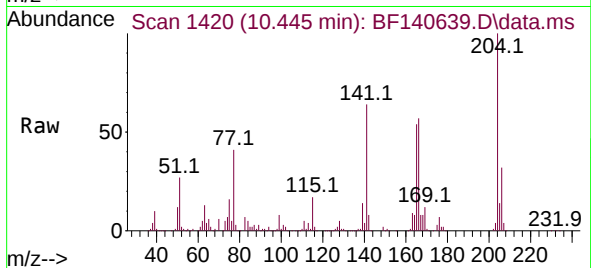
#61
4-Chlorophenyl-phenylether
Concen: 47.711 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion:204 Resp: 224254
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 63.9 51.1 76.7

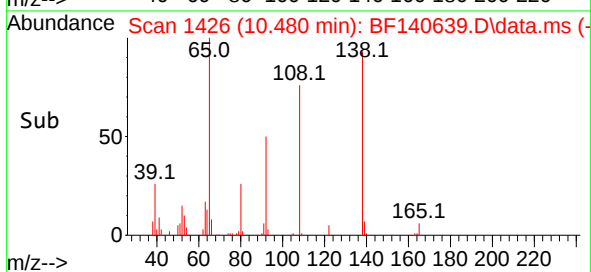
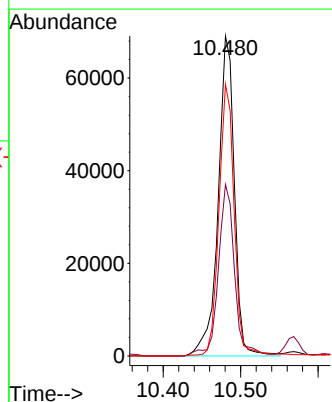
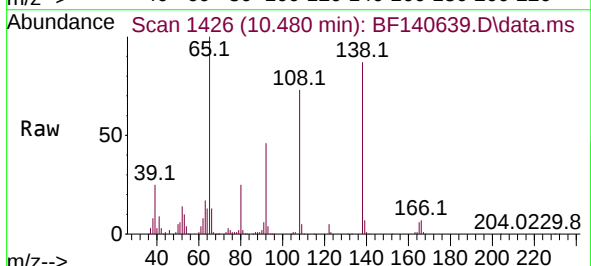
Manual Integrations
APPROVED

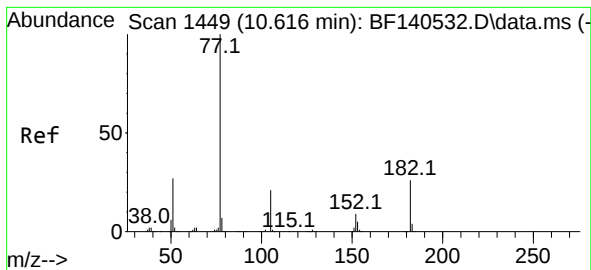
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 45.629 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:138 Resp: 100696
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 84.9 70.6 110.6





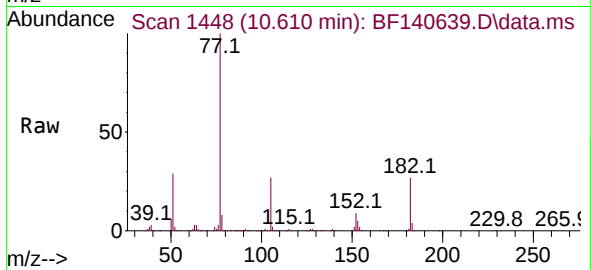
#63
Azobenzene
Concen: 57.497 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



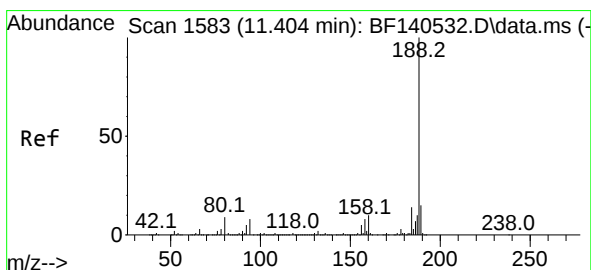
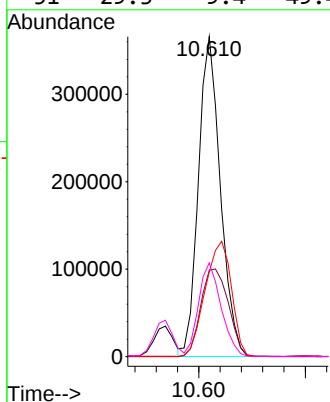
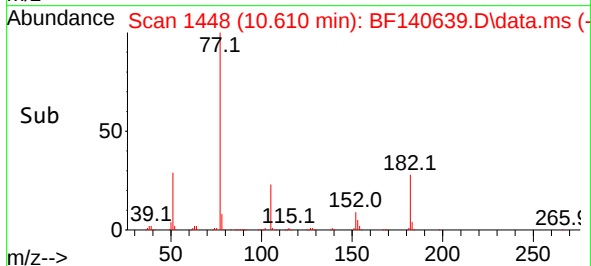
Tgt Ion: 77 Resp: 524784
Ion Ratio Lower Upper
77 100
182 27.0 5.3 45.3
105 26.5 0.3 40.3
51 29.3 9.4 49.4

Manual Integrations

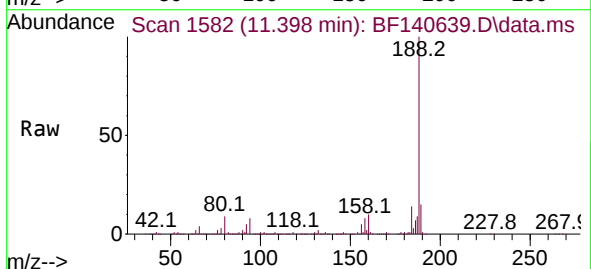
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

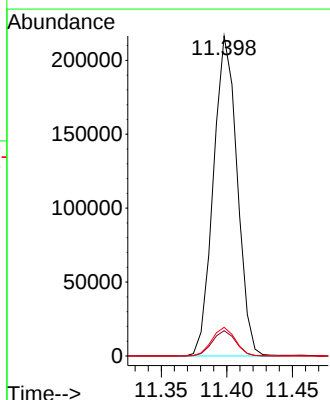
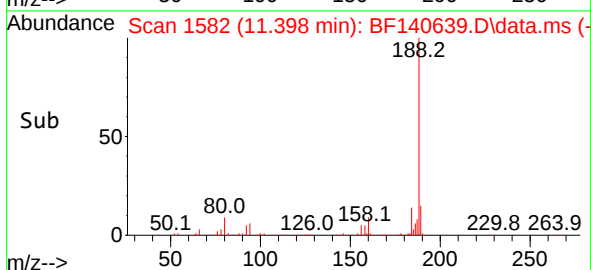
Supervised By :mohammad ahmed 11/27/2024

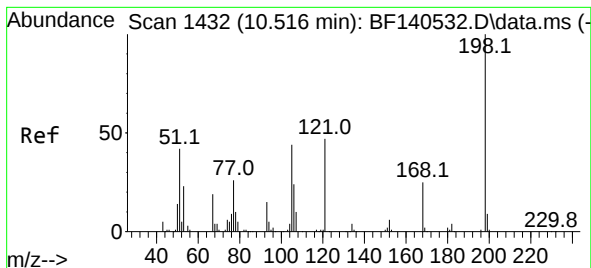


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:188 Resp: 272823
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.0 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.064 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

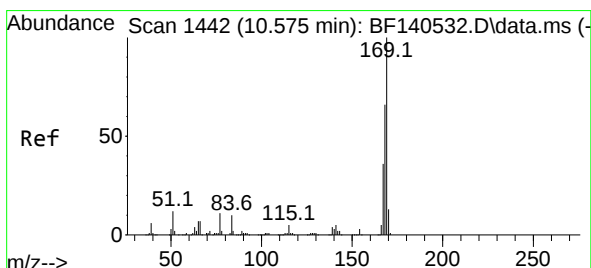
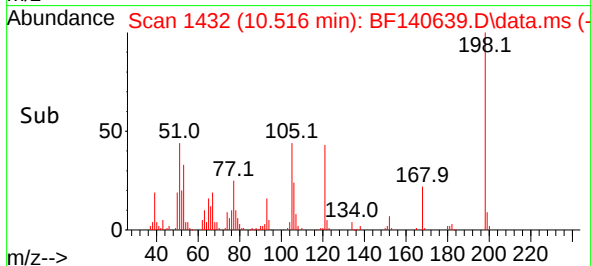
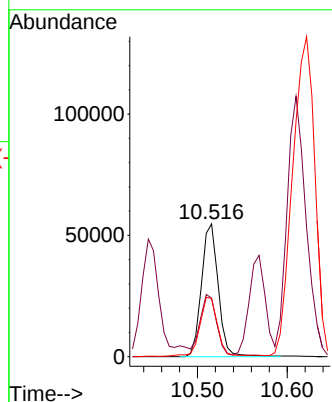
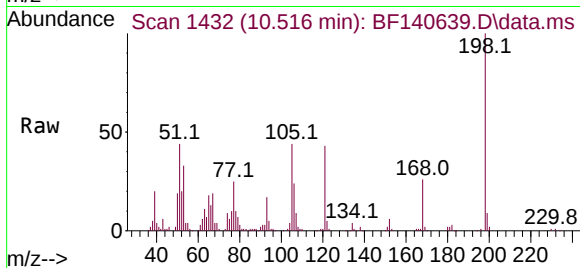
PH2-BOT-006MS

Tgt Ion:198 Resp: 71190
Ion Ratio Lower Upper
198 100
51 44.1 29.4 69.4
105 43.8 25.4 65.4

Manual Integrations

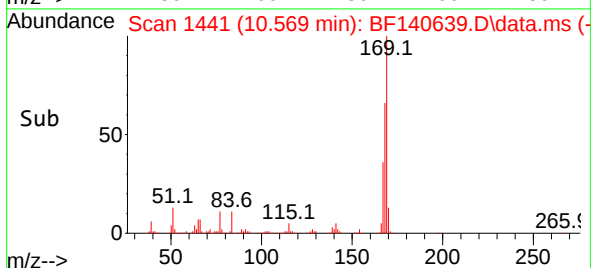
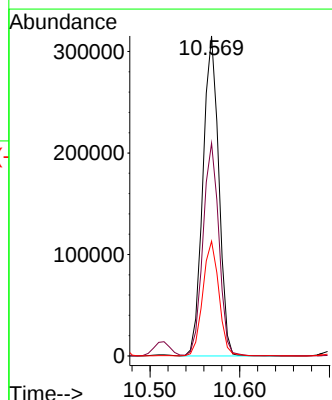
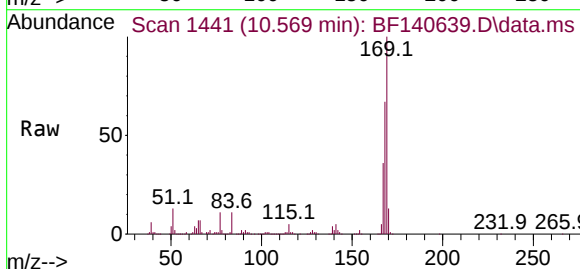
APPROVED

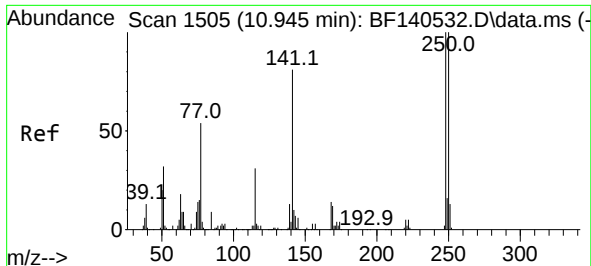
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.998 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:169 Resp: 387249
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.8 29.0 43.6





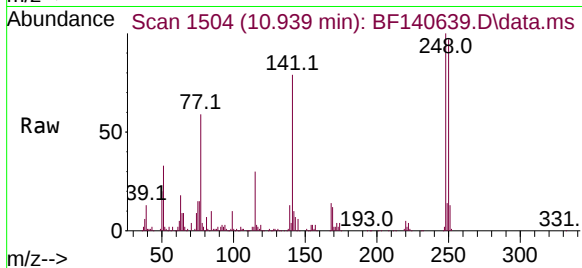
#67
4-Bromophenyl-phenylether
Concen: 46.270 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



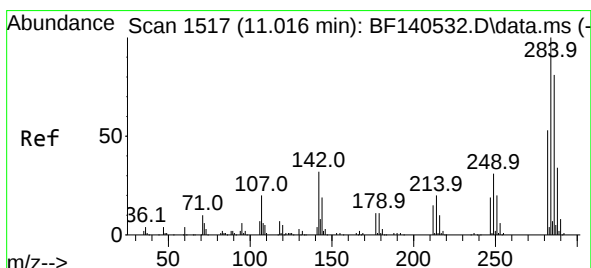
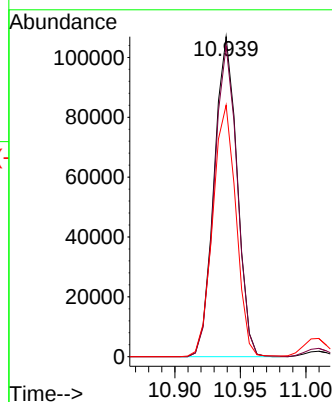
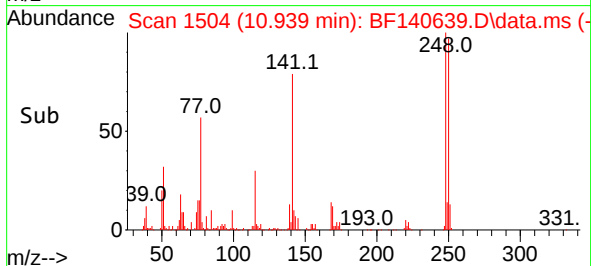
Tgt Ion:248 Resp: 130000
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 78.6 64.7 97.1

Manual Integrations

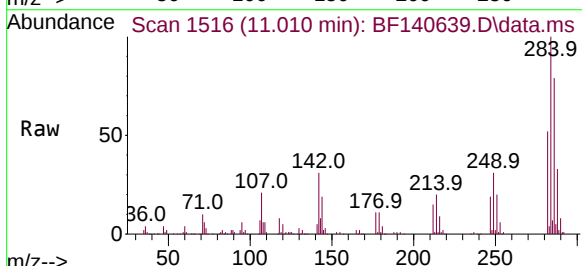
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

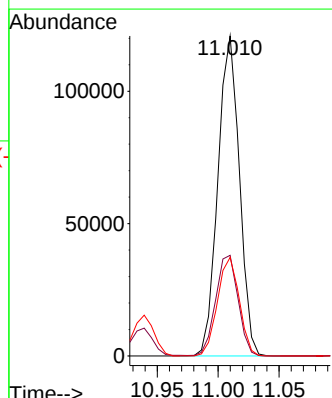
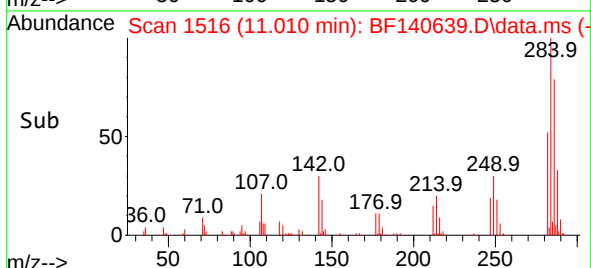
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 45.678 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:284 Resp: 148605
Ion Ratio Lower Upper
284 100
142 31.4 25.3 37.9
249 30.8 24.8 37.2





#69

Atrazine

Concen: 57.050 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140639.D

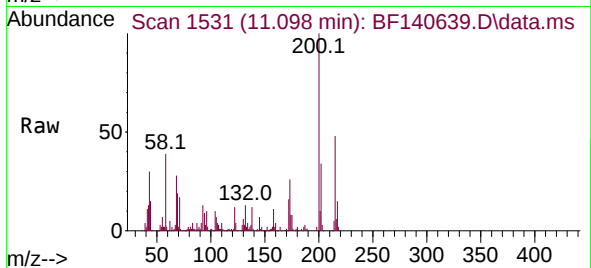
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



Tgt Ion:200 Resp: 12948

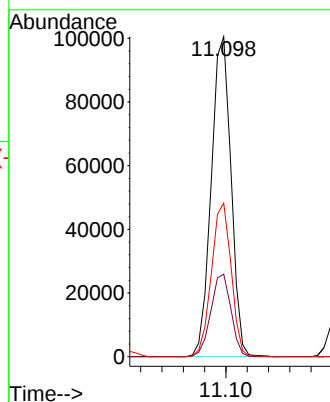
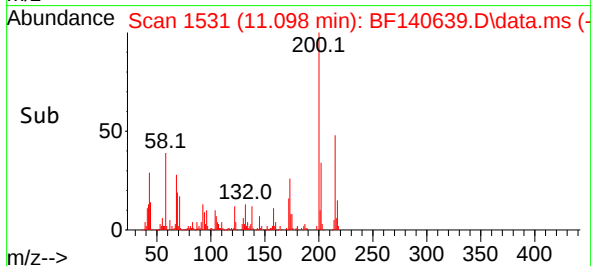
Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.0	47.0
215	48.0	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 101.125 ng

RT: 11.210 min Scan# 1550

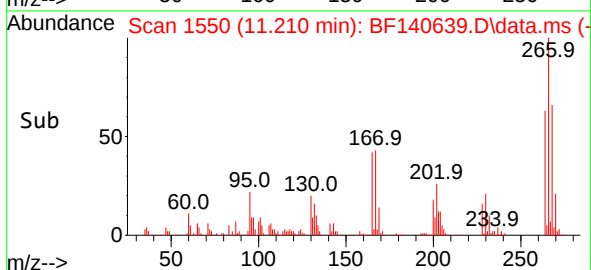
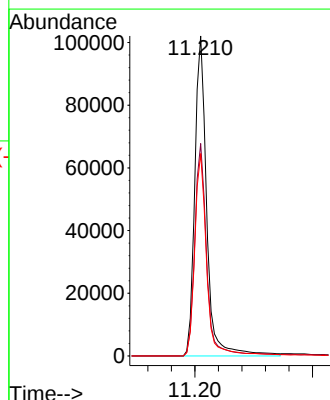
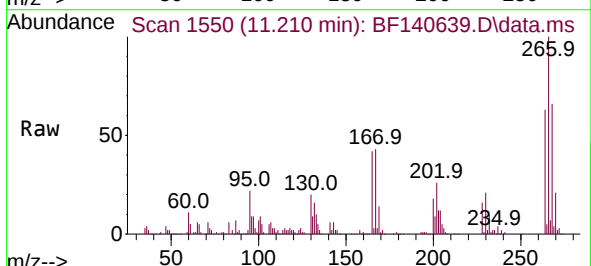
Delta R.T. -0.000 min

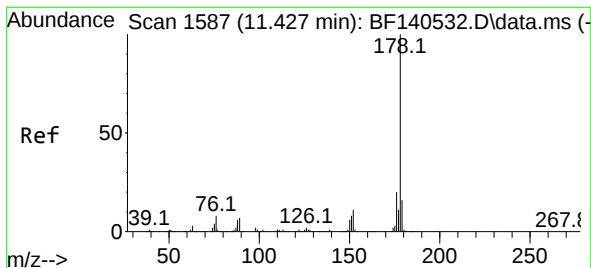
Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Tgt Ion:266 Resp: 144797

Ion	Ratio	Lower	Upper
266	100		
268	66.4	53.7	80.5
264	63.2	49.8	74.8





#71

Phenanthrene

Concen: 49.351 ng

RT: 11.421 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

Tgt Ion:178 Resp: 64720

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

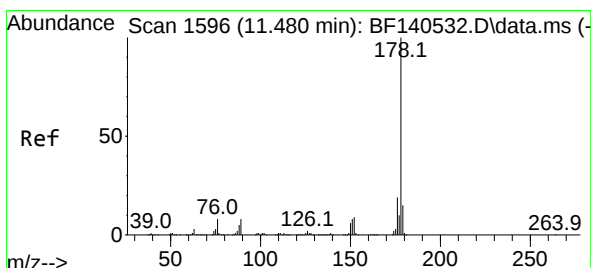
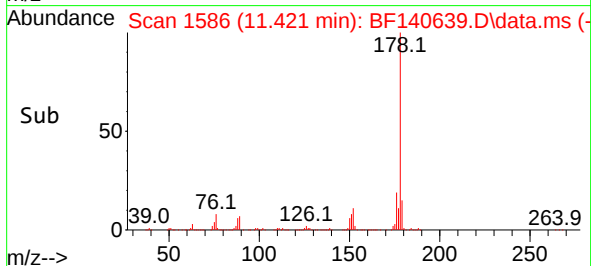
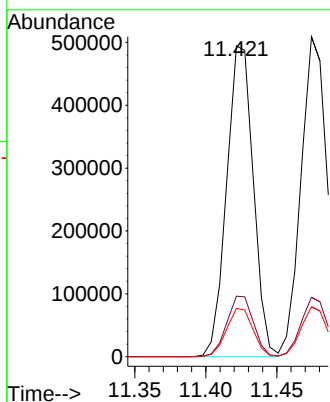
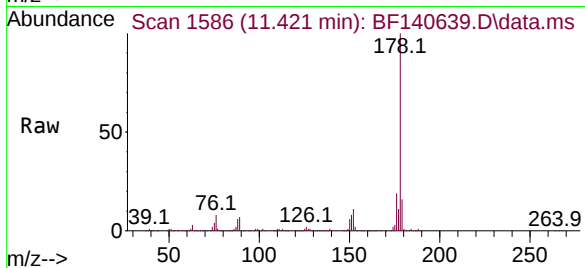
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 50.575 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

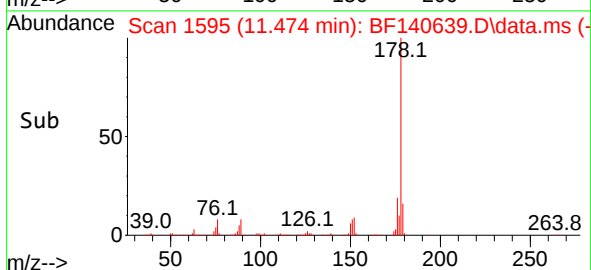
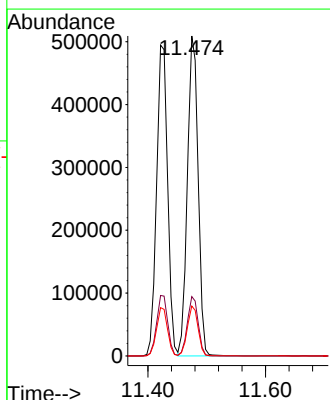
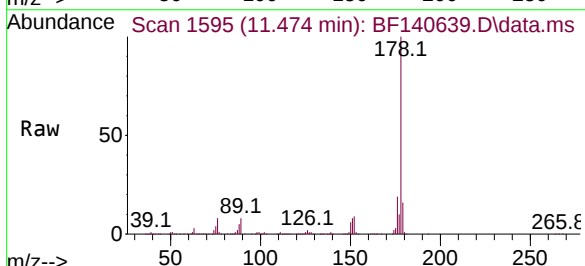
Tgt Ion:178 Resp: 648791

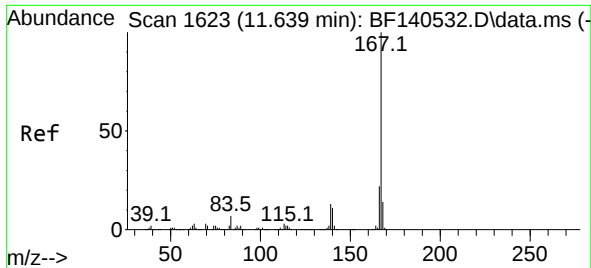
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

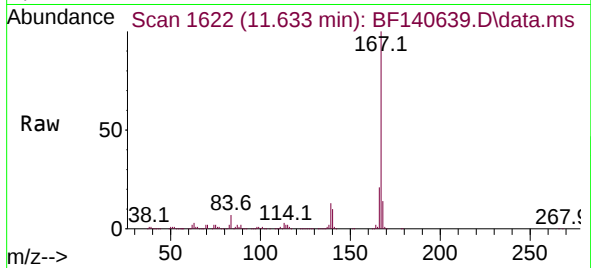
179 15.6 12.2 18.4





#73
Carbazole
Concen: 49.804 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

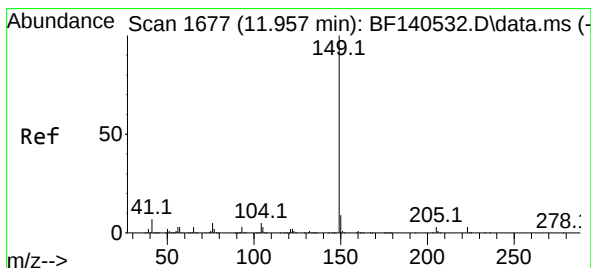
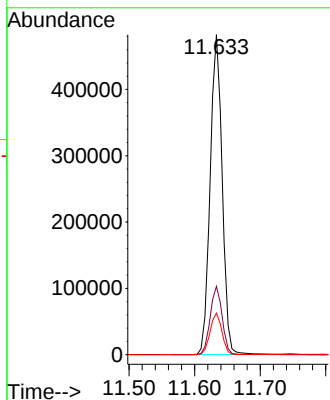
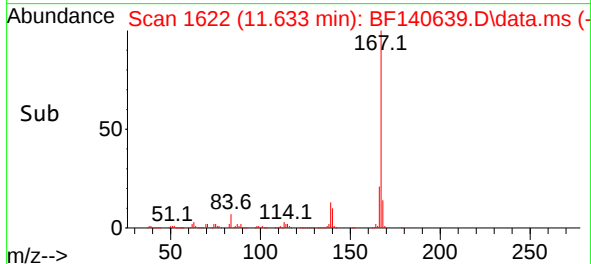
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS



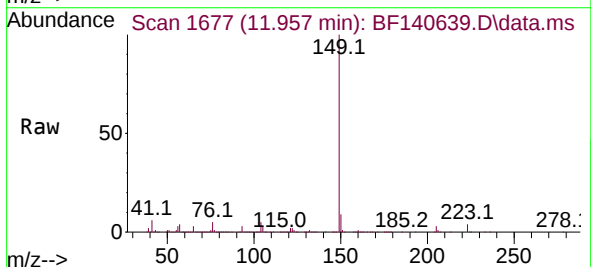
Tgt Ion:167 Resp: 61463
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 13.0 10.6 15.8

Manual Integrations
APPROVED

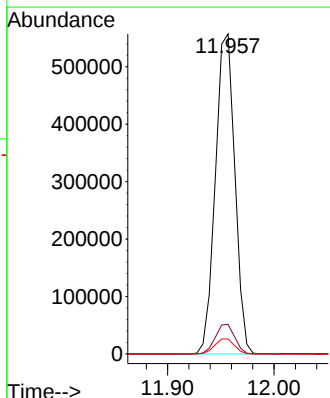
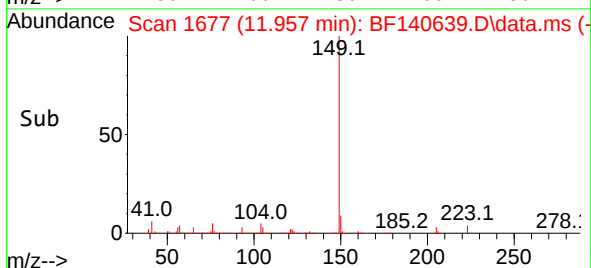
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

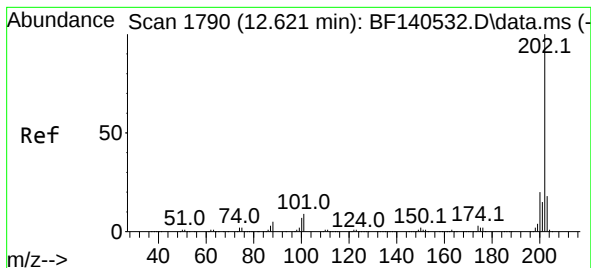


#74
Di-n-butylphthalate
Concen: 49.624 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:149 Resp: 707026
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 4.1 6.1





#75

Fluoranthene

Concen: 48.049 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140639.D

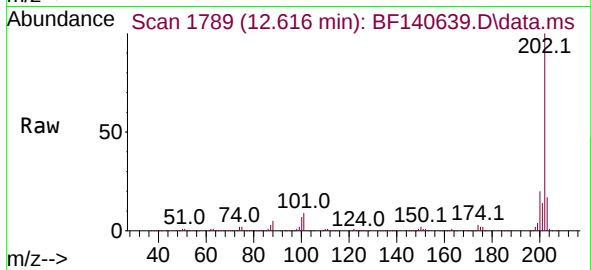
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



Tgt Ion:202 Resp: 684150

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

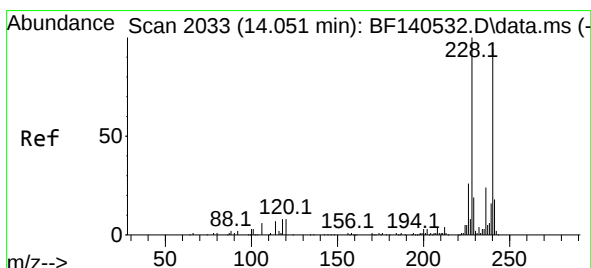
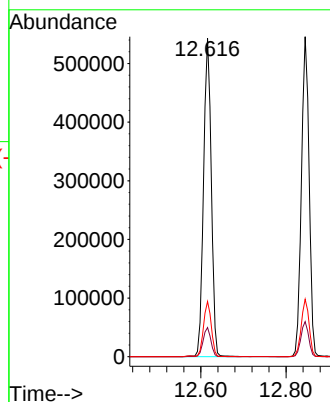
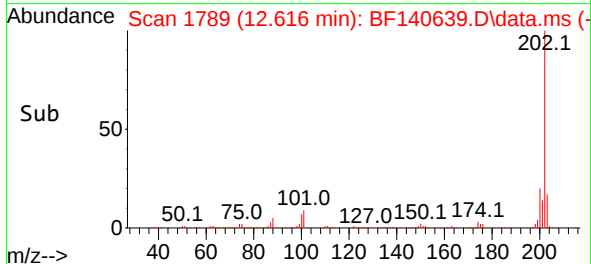
203 17.4 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

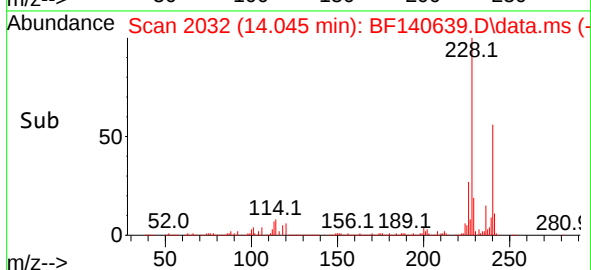
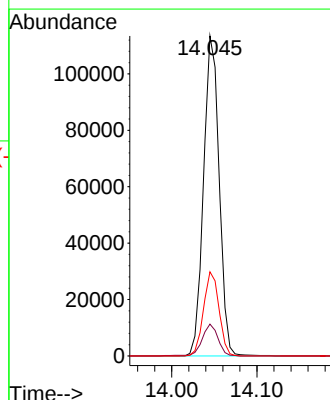
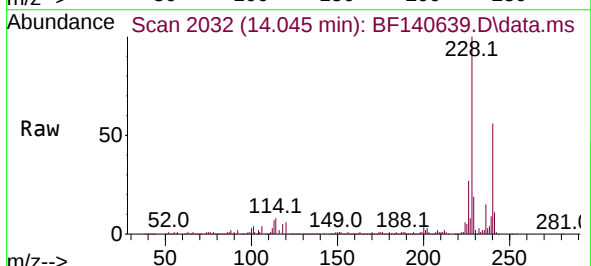
Tgt Ion:240 Resp: 144480

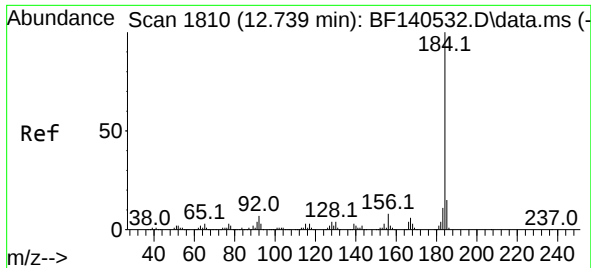
Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

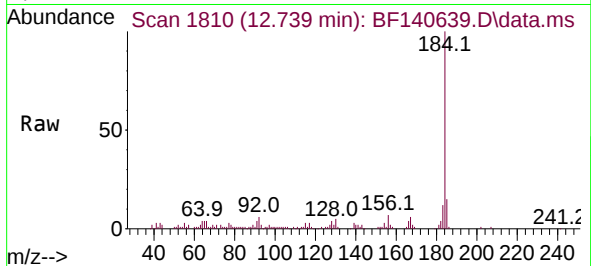
236 26.3 20.6 31.0





#77
Benzidine
Concen: 16.368 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

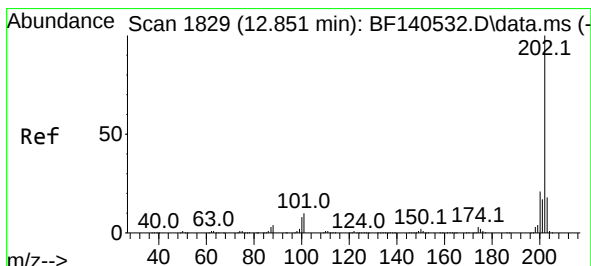
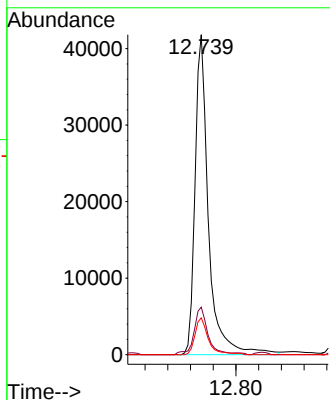
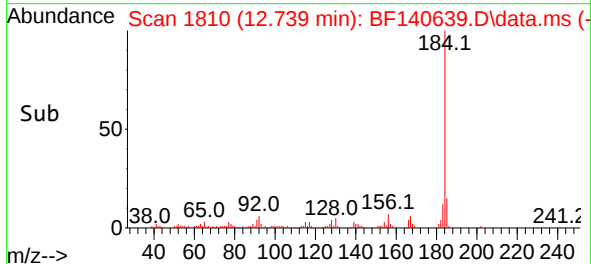
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS



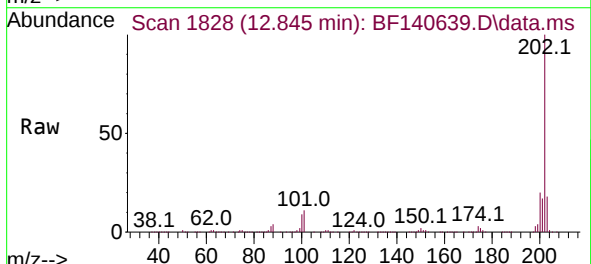
Tgt Ion:184 Resp: 6875
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.5 8.8 13.2

Manual Integrations
APPROVED

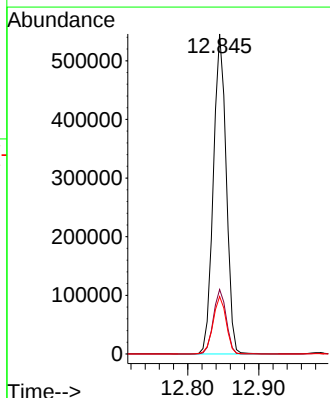
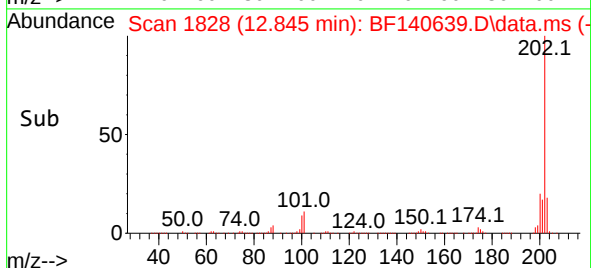
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

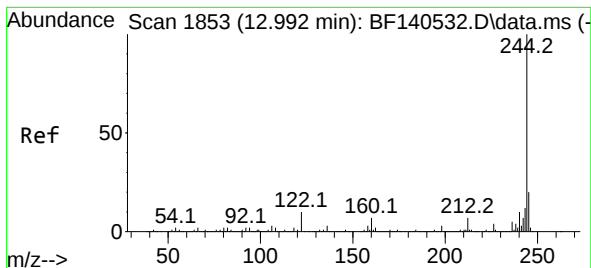


#78
Pyrene
Concen: 51.402 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:202 Resp: 686681
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 83.984 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140639.D

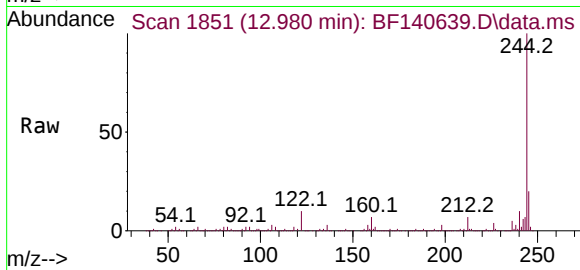
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



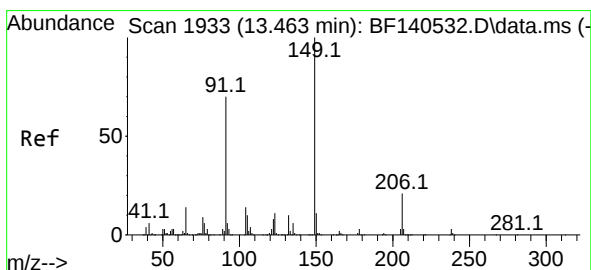
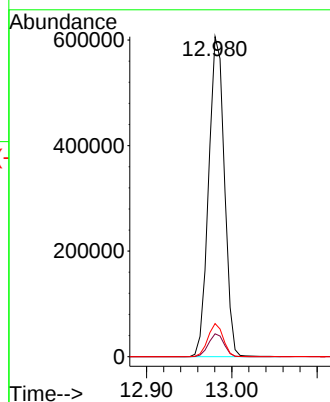
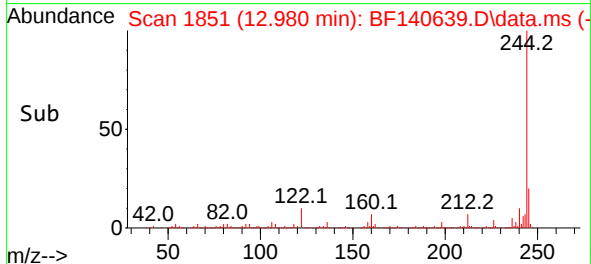
Tgt Ion:244	Resp:	779258
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.8 8.8
122	10.3	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 56.045 ng

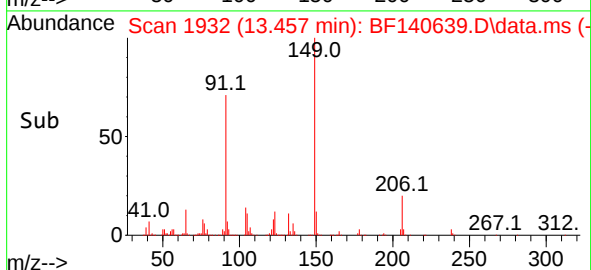
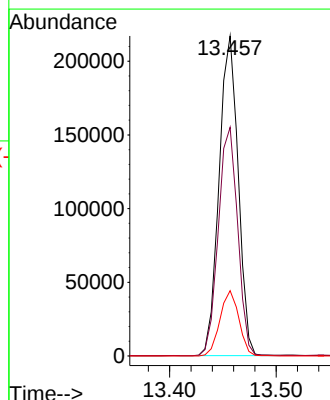
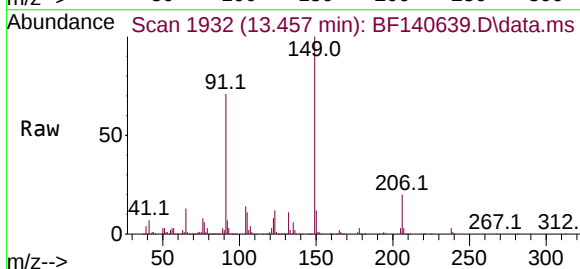
RT: 13.457 min Scan# 1932

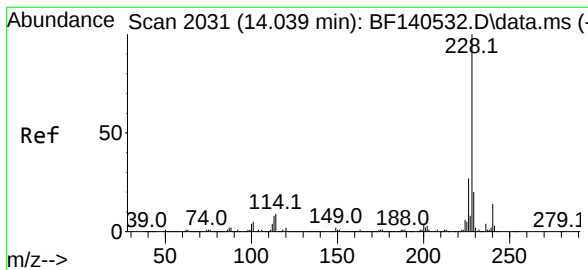
Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Tgt Ion:149	Resp:	269712
Ion Ratio	Lower	Upper
149	100	
91	71.4	56.2 84.2
206	20.4	16.4 24.6





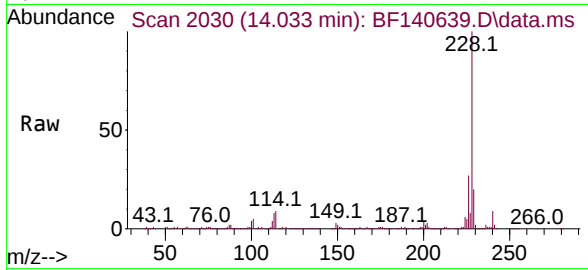
#81
Benzo(a)anthracene
Concen: 50.677 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



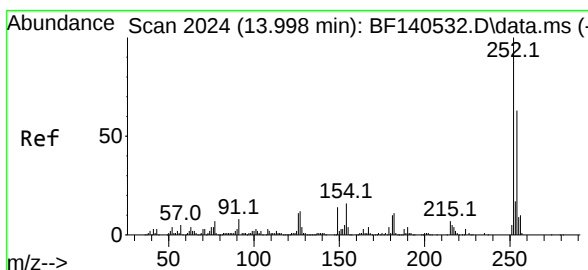
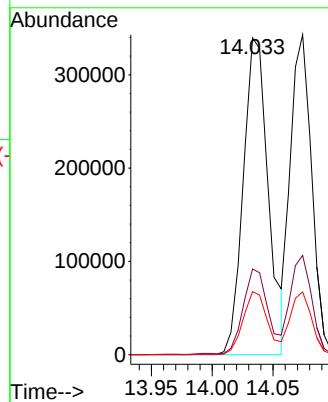
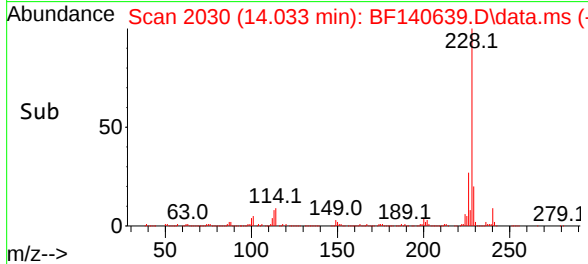
Tgt Ion:228 Resp: 48467
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations

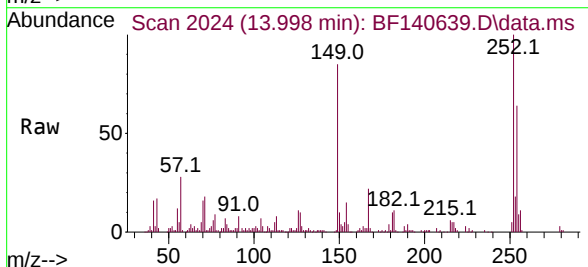
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

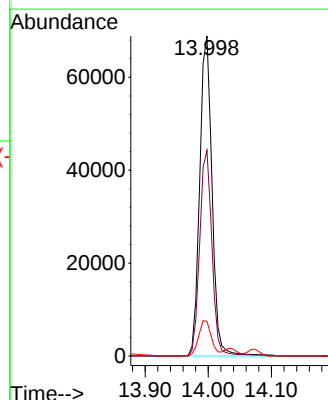
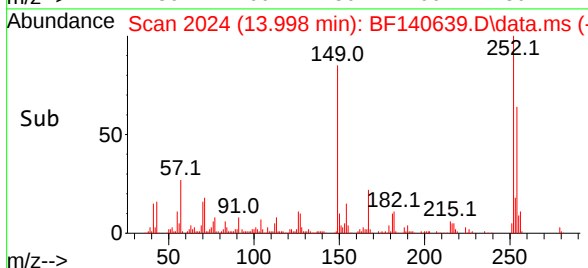
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.497 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:252 Resp: 93315
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 10.8 8.6 13.0





#83

Chrysene

Concen: 47.839 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

Tgt Ion:228 Resp: 418360

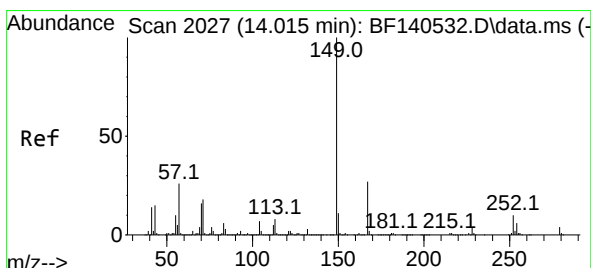
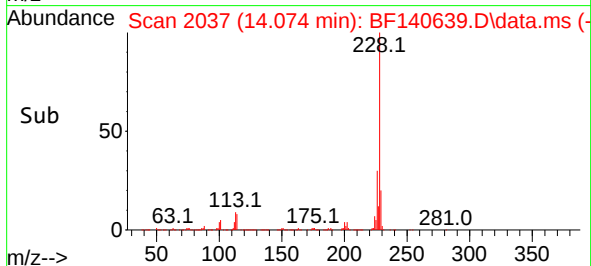
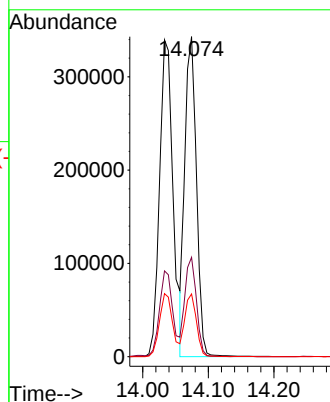
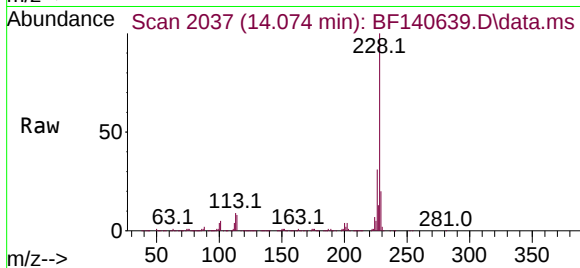
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.299 ng

RT: 14.015 min Scan# 2027

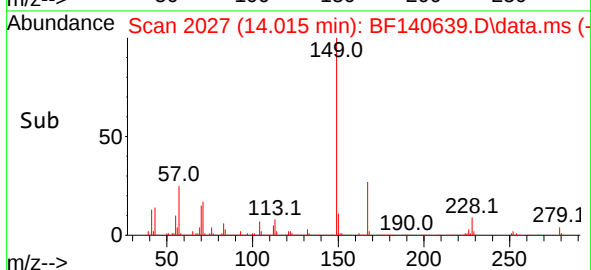
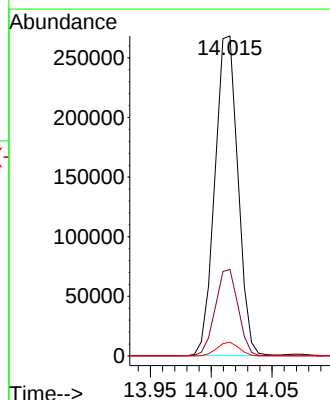
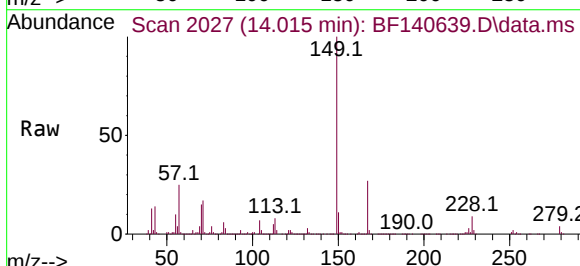
Delta R.T. -0.000 min

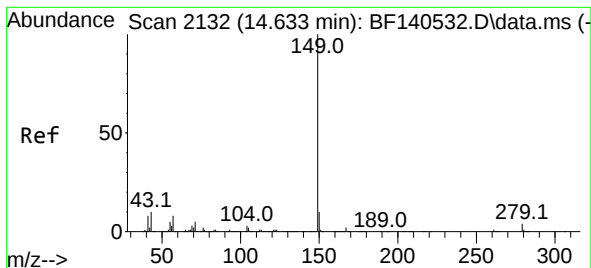
Lab File: BF140639.D

Acq: 26 Nov 2024 14:03

Tgt Ion:149 Resp: 354267

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.2	31.8
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 57.203 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

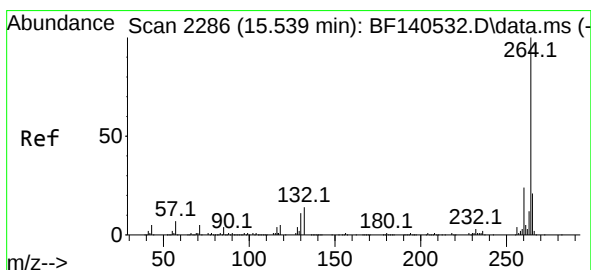
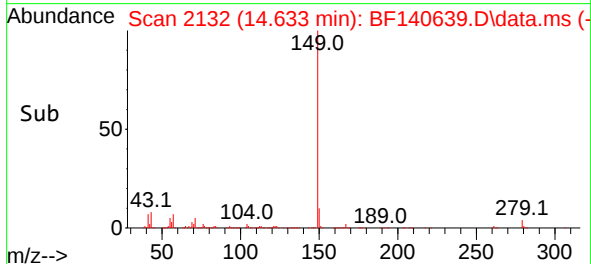
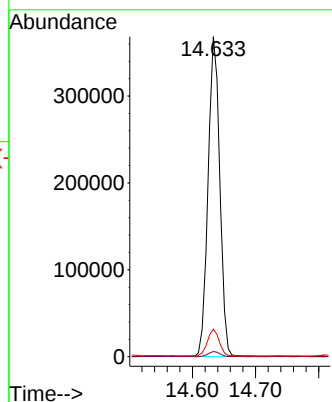
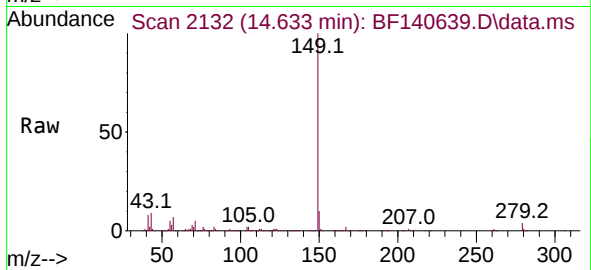
PH2-BOT-006MS

Tgt Ion:149 Resp: 47505
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.2 7.7 11.5

Manual Integrations

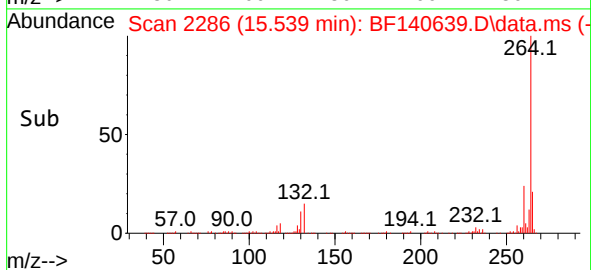
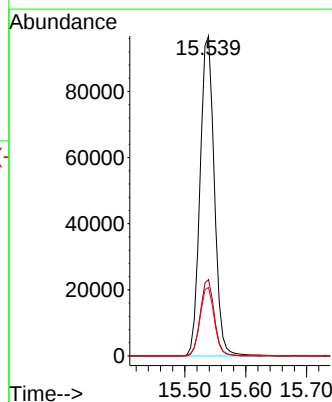
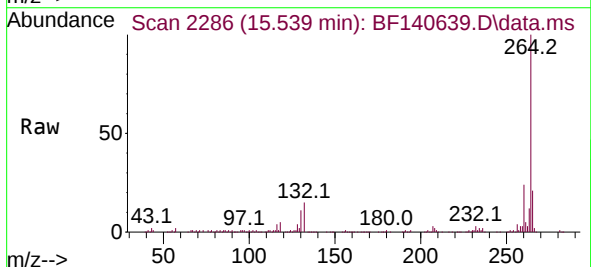
APPROVED

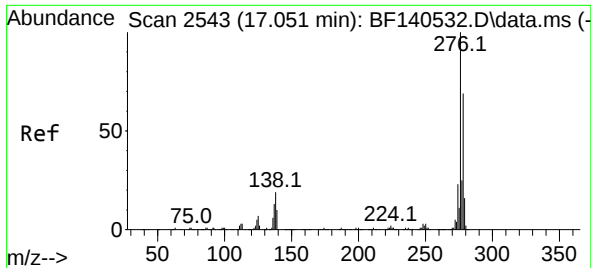
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:264 Resp: 156989
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.864 ng
RT: 17.051 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

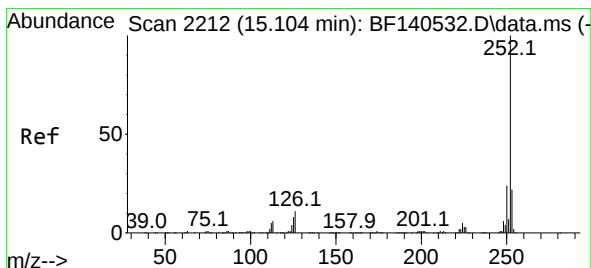
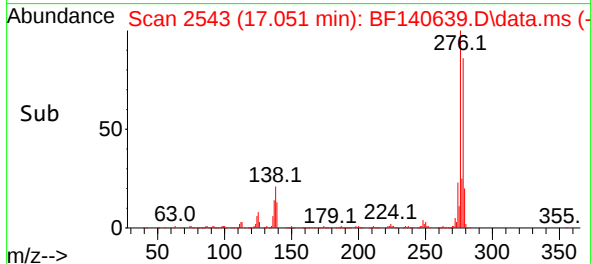
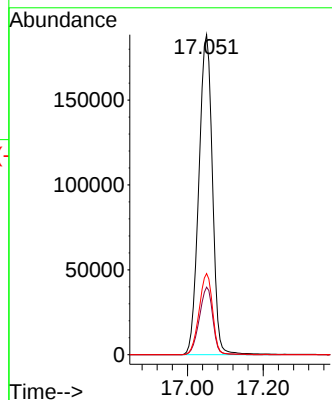
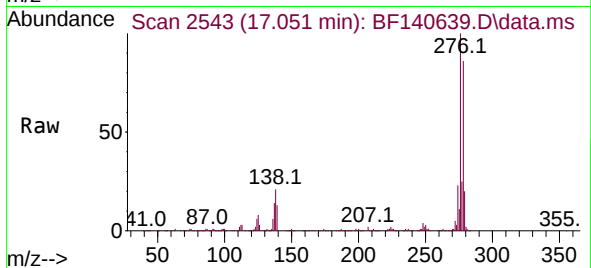
PH2-BOT-006MS

Tgt Ion:276 Resp: 469230
Ion Ratio Lower Upper
276 100
138 20.9 15.5 23.3
277 25.2 20.1 30.1

Manual Integrations

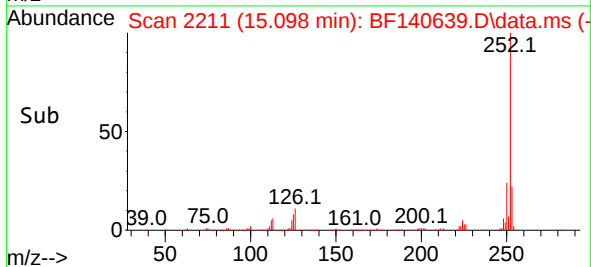
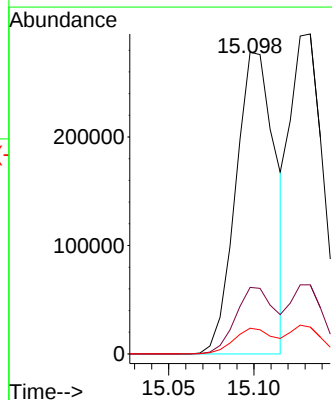
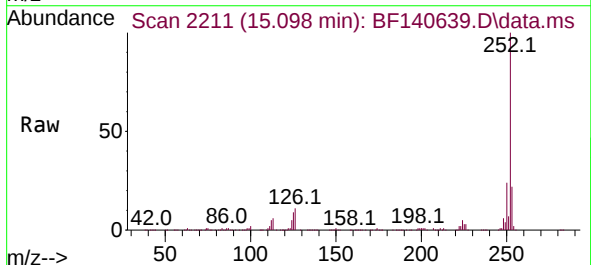
APPROVED

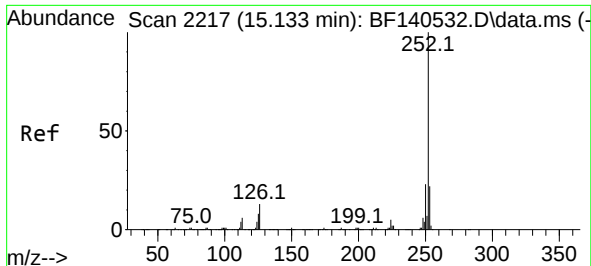
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 45.372 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:252 Resp: 447398
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.6 6.7 10.1





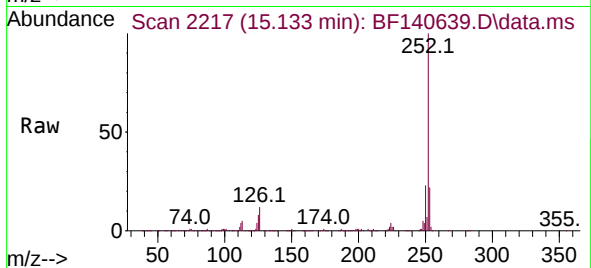
#89
Benzo(k)fluoranthene
Concen: 46.561 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



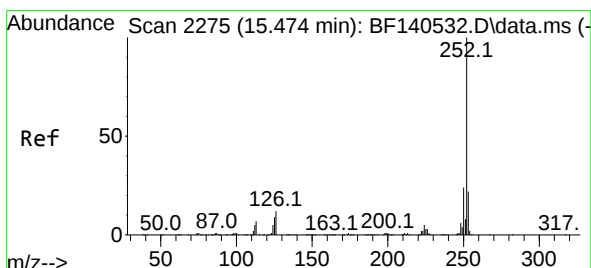
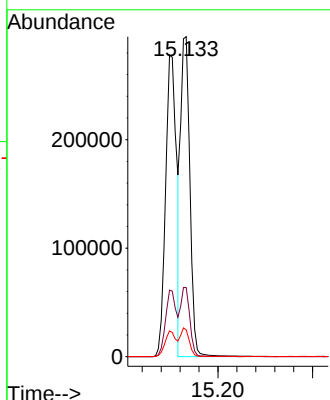
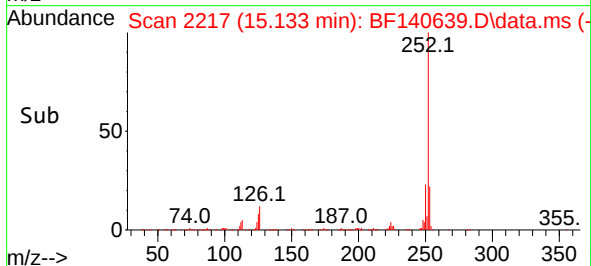
Tgt Ion:252 Resp: 401777
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 6.5 9.7

Manual Integrations

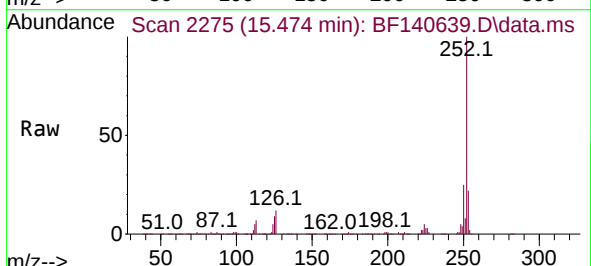
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

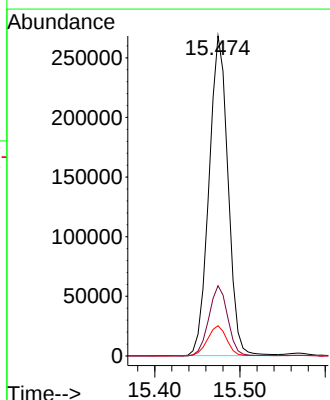
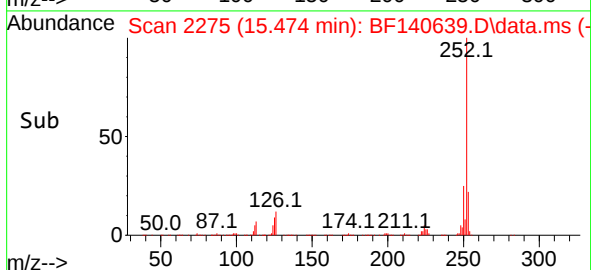
Supervised By :mohammad ahmed 11/27/2024

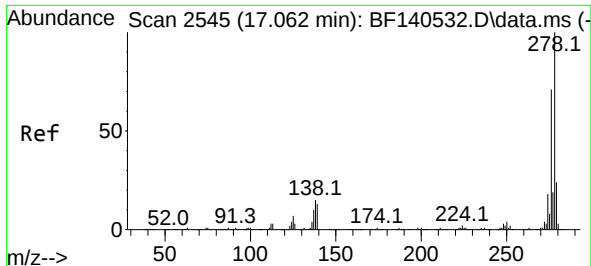


#90
Benzo(a)pyrene
Concen: 51.865 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03



Tgt Ion:252 Resp: 415830
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 46.751 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Instrument :

BNA_F

ClientSampleId :

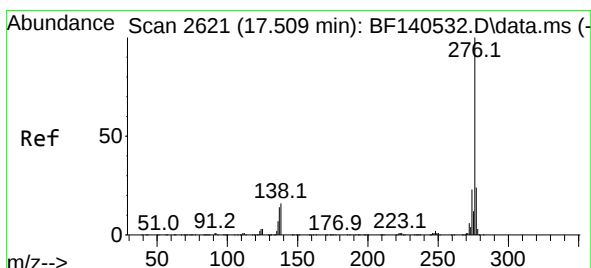
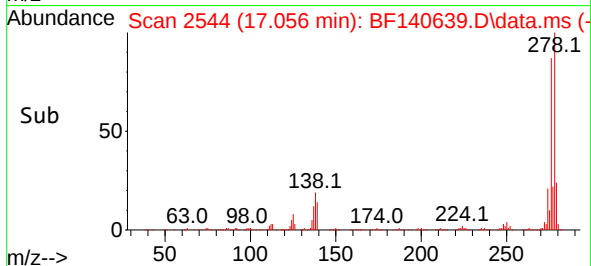
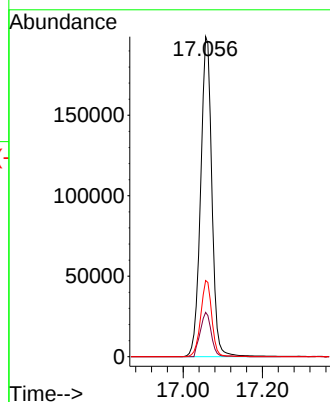
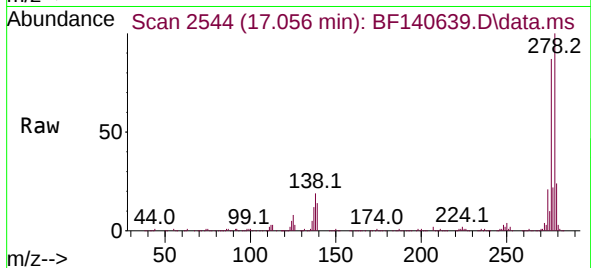
PH2-BOT-006MS

Tgt Ion:278 Resp: 39171
Ion Ratio Lower Upper
278 100
139 13.8 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: 39.099 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140639.D
Acq: 26 Nov 2024 14:03

Tgt Ion:276 Resp: 334296
Ion Ratio Lower Upper
276 100
277 22.4 18.9 28.3
138 17.3 13.2 19.8

