

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140288.D
 Acq On : 08 Nov 2024 10:28
 Operator : RC/JU
 Sample : PB164750BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164750BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 11:05:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	195639	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	765547	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	473510	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	882492	20.000	ng	0.00
76) Chrysene-d12	14.063	240	554441	20.000	ng	0.00
86) Perylene-d12	15.562	264	455207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1350884	114.430	ng	0.02
7) Phenol-d6	6.510	99	1707980	112.481	ng	0.00
23) Nitrobenzene-d5	7.445	82	1176601	76.414	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	676037	144.440	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2226512	75.084	ng	0.00
79) Terphenyl-d14	12.998	244	2859948	84.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	162998	30.032	ng	96
3) Pyridine	3.498	79	445970	33.675	ng	95
4) n-Nitrosodimethylamine	3.457	42	274935	35.958	ng	90
6) Aniline	6.539	93	648715	47.287	ng	92
8) 2-Chlorophenol	6.663	128	528701	42.803	ng	95
9) Benzaldehyde	6.428	77	67892	7.258	ng	94
10) Phenol	6.528	94	668118	41.429	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	503595	41.107	ng	96
12) 1,3-Dichlorobenzene	6.822	146	559655	38.664	ng	98
13) 1,4-Dichlorobenzene	6.898	146	567610	38.881	ng	98
14) 1,2-Dichlorobenzene	7.045	146	546411	40.074	ng	99
15) Benzyl Alcohol	7.016	79	499648	42.685	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	782413	39.455	ng	98
17) 2-Methylphenol	7.128	107	434126	42.132	ng	99
18) Hexachloroethane	7.392	117	212125	39.008	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	393754	40.647	ng	96
20) 3+4-Methylphenols	7.281	107	533406	41.218	ng	97
22) Acetophenone	7.286	105	719910	37.929	ng	97
24) Nitrobenzene	7.463	77	589350	36.477	ng	96
25) Isophorone	7.698	82	1076954	40.620	ng	99
26) 2-Nitrophenol	7.775	139	281854	43.855	ng	96
27) 2,4-Dimethylphenol	7.810	122	436796	49.957	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	630073	39.712	ng	99
29) 2,4-Dichlorophenol	8.016	162	459059	42.440	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	490581	37.849	ng	99
31) Naphthalene	8.181	128	1536642	38.871	ng	100
32) Benzoic acid	7.939	122	318810	44.431	ng	96
33) 4-Chloroaniline	8.228	127	515740	39.629	ng	97
34) Hexachlorobutadiene	8.298	225	337982	38.524	ng	99
35) Caprolactam	8.610	113	131452m	39.949	ng	
36) 4-Chloro-3-methylphenol	8.710	107	518752	43.075	ng	97
37) 2-Methylnaphthalene	8.869	142	1051398	40.752	ng	99
38) 1-Methylnaphthalene	8.969	142	974624	38.541	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	528119	38.098	ng	99
41) Hexachlorocyclopentadiene	9.028	237	641602	165.176	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	369763	43.045	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140288.D
 Acq On : 08 Nov 2024 10:28
 Operator : RC/JU
 Sample : PB164750BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164750BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 11:05:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	371986	41.185	ng	98
46) 1,1'-Biphenyl	9.339	154	1294320	37.817	ng	100
47) 2-Chloronaphthalene	9.363	162	970176	37.662	ng	100
48) 2-Nitroaniline	9.463	65	345821	40.142	ng	92
49) Acenaphthylene	9.780	152	1541359	42.263	ng	99
50) Dimethylphthalate	9.645	163	1234962	42.349	ng	100
51) 2,6-Dinitrotoluene	9.704	165	282787	41.254	ng	96
52) Acenaphthene	9.957	154	1173915	45.381	ng	99
53) 3-Nitroaniline	9.875	138	239845	37.159	ng	95
54) 2,4-Dinitrophenol	9.986	184	324620	95.234	ng	87
55) Dibenzofuran	10.127	168	1452145	40.145	ng	98
56) 4-Nitrophenol	10.039	139	426153	93.901	ng	98
57) 2,4-Dinitrotoluene	10.116	165	380332	42.757	ng	97
58) Fluorene	10.475	166	1149420	39.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	350955	47.432	ng	95
60) Diethylphthalate	10.351	149	1226888	42.337	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	585618	40.355	ng	96
62) 4-Nitroaniline	10.498	138	286478	44.663	ng	95
63) Azobenzene	10.622	77	1209988	40.279	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	233285	50.332	ng	91
66) n-Nitrosodiphenylamine	10.586	169	1025499	40.403	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	399731	42.064	ng	96
68) Hexachlorobenzene	11.022	284	447314	41.295	ng	95
69) Atrazine	11.110	200	332139	47.829	ng	98
70) Pentachlorophenol	11.216	266	541719	93.134	ng	98
71) Phenanthrene	11.439	178	1745451	41.444	ng	100
72) Anthracene	11.492	178	1767910	42.809	ng	100
73) Carbazole	11.645	167	1547770	41.017	ng	100
74) Di-n-butylphthalate	11.969	149	1902404	42.591	ng	99
75) Fluoranthene	12.627	202	1842695	41.844	ng	100
77) Benzidine	12.745	184	485628	44.798	ng	99
78) Pyrene	12.857	202	1874116	40.939	ng	100
80) Butylbenzylphthalate	13.474	149	750677	45.539	ng	94
81) Benzo(a)anthracene	14.051	228	1497295	42.081	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	449354	40.215	ng	99
83) Chrysene	14.092	228	1402669	42.096	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	1033489	44.733	ng	99
85) Di-n-octyl phthalate	14.662	149	1560464	44.874	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	1169241	43.758	ng	99
88) Benzo(b)fluoranthene	15.121	252	1214774	44.118	ng	100
89) Benzo(k)fluoranthene	15.157	252	1073254	42.478	ng	99
90) Benzo(a)pyrene	15.498	252	1045593	46.058	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	946410	43.051	ng	99
92) Benzo(g,h,i)perylene	17.539	276	875549	39.042	ng	99

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

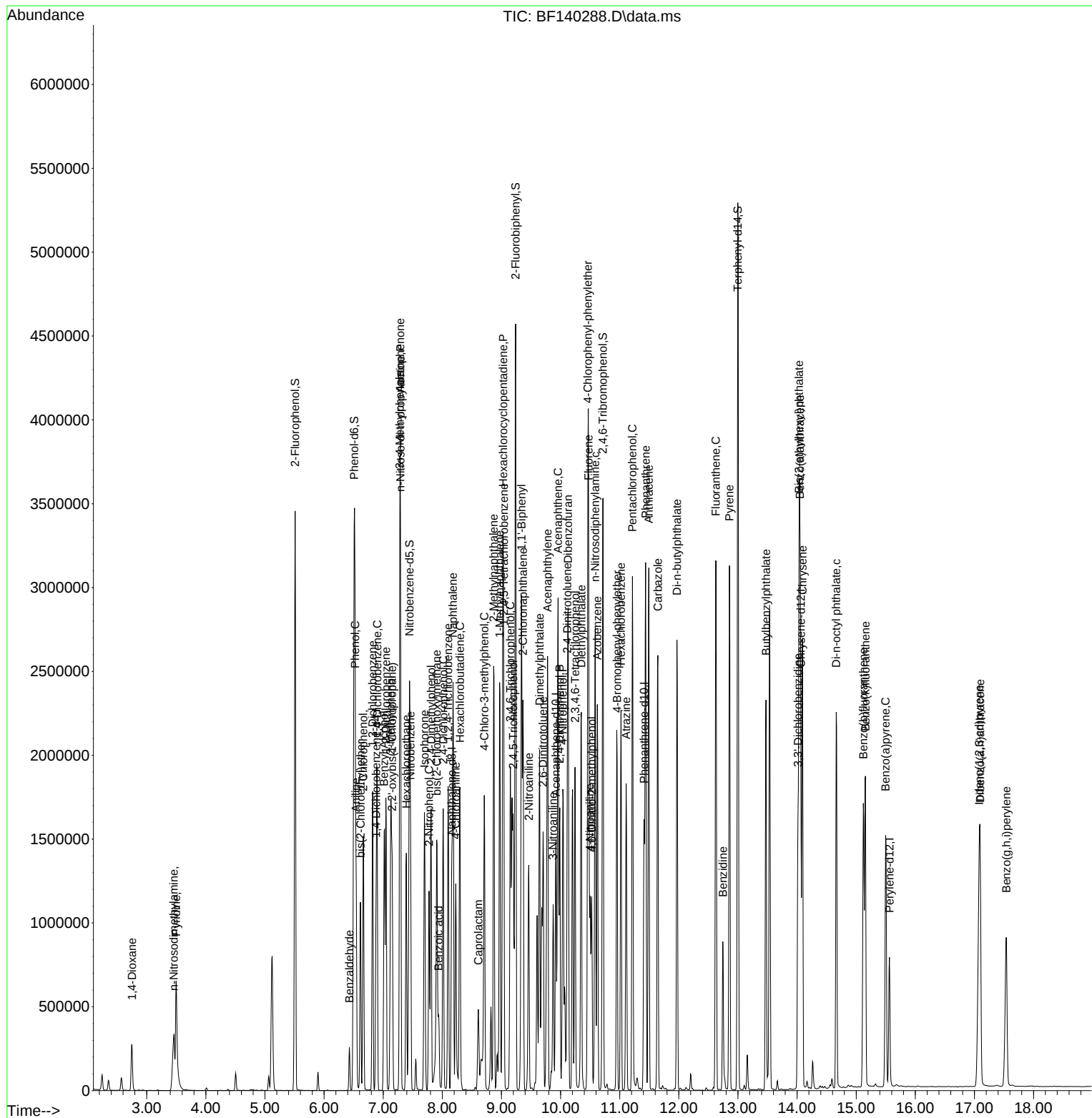
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140288.D
Acq On : 08 Nov 2024 10:28
Operator : RC/JU
Sample : PB164750BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

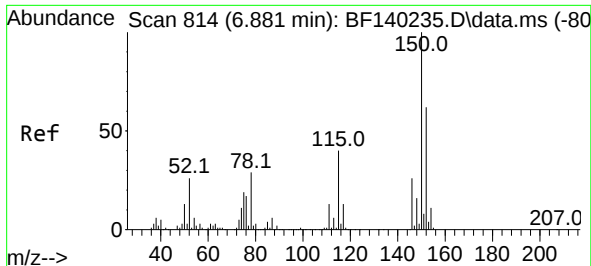
Instrument :
BNA_F
ClientSampleId :
PB164750BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 11:05:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration





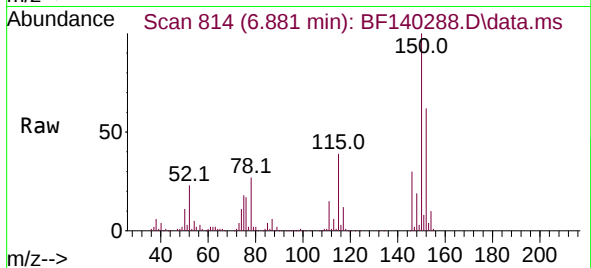
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

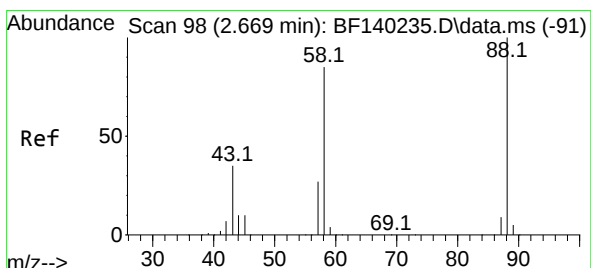
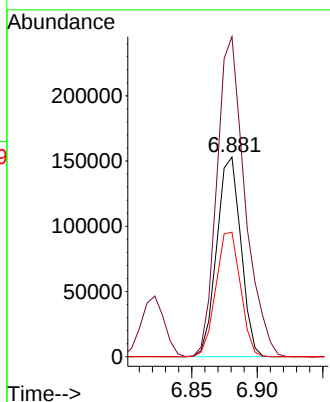
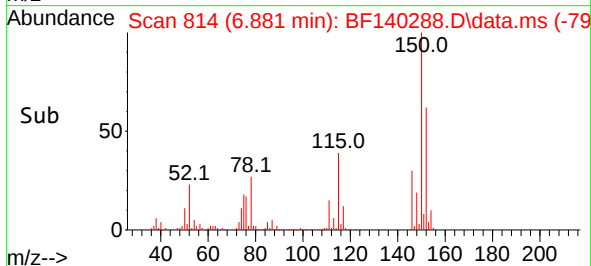
PB164750BS



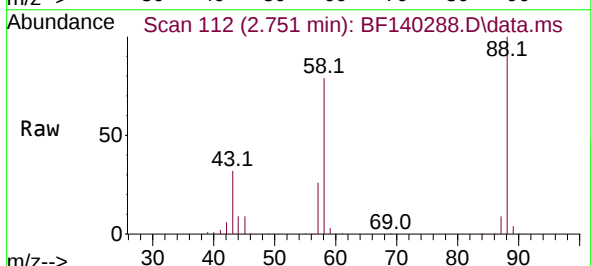
Tgt Ion:152 Resp: 195639
Ion Ratio Lower Upper
152 100
150 160.4 129.4 194.2
115 62.4 51.5 77.3

Manual Integrations
APPROVED

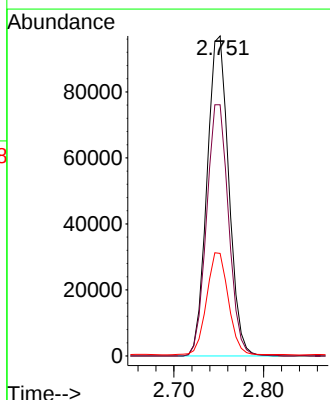
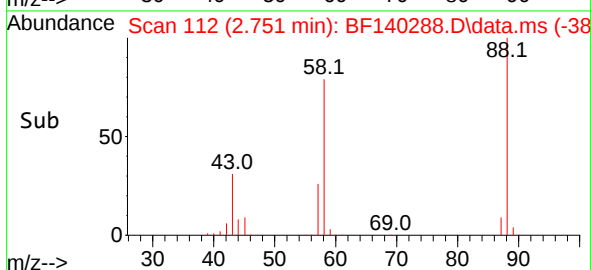
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

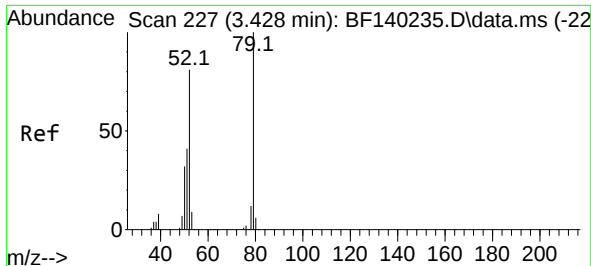


#2
1,4-Dioxane
Concen: 30.032 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.082 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion: 88 Resp: 162998
Ion Ratio Lower Upper
88 100
58 79.6 66.7 100.1
43 32.0 27.8 41.8





#3

Pyridine

Concen: 33.675 ng

RT: 3.498 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140288.D

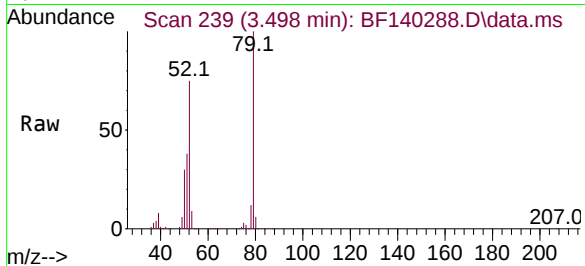
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



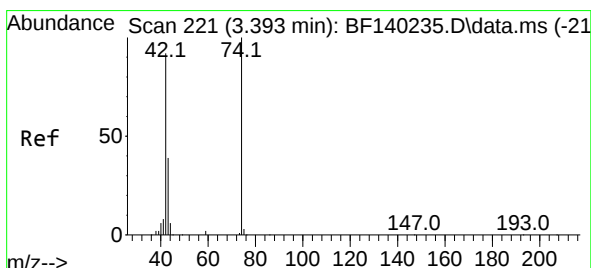
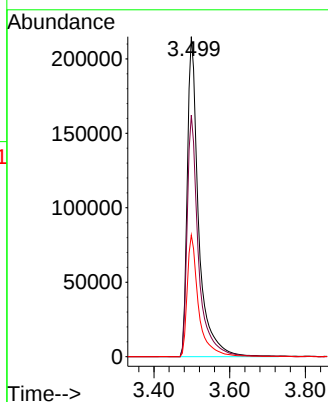
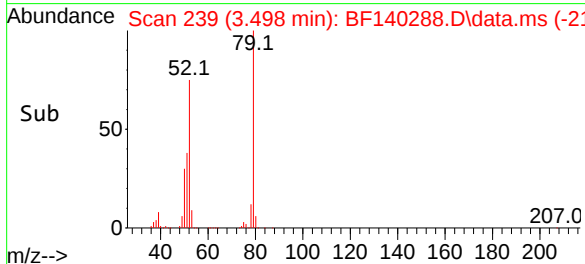
Tgt Ion: 79	Resp: 445970
Ion Ratio	Lower Upper
79	100
52	75.5 64.6 97.0
51	38.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#4

n-Nitrosodimethylamine

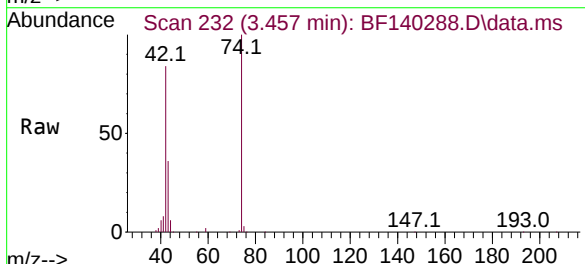
Concen: 35.958 ng

RT: 3.457 min Scan# 232

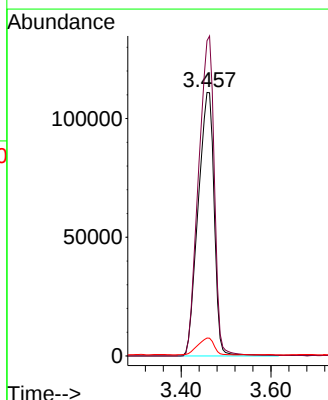
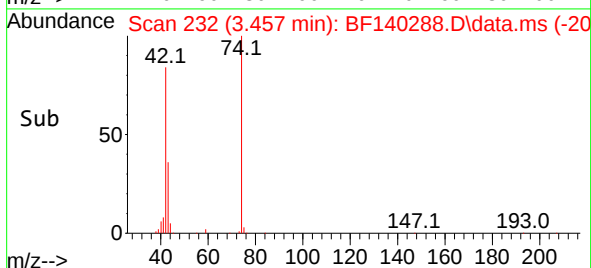
Delta R.T. 0.065 min

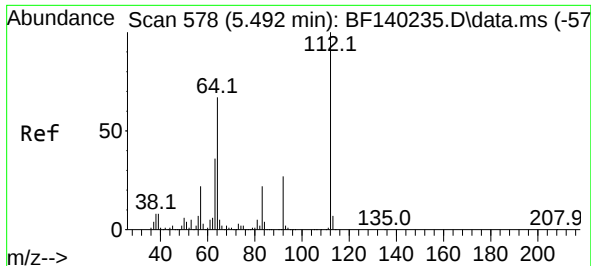
Lab File: BF140288.D

Acq: 08 Nov 2024 10:28



Tgt Ion: 42	Resp: 274935
Ion Ratio	Lower Upper
42	100
74	119.6 86.9 130.3
44	6.8 5.0 7.6





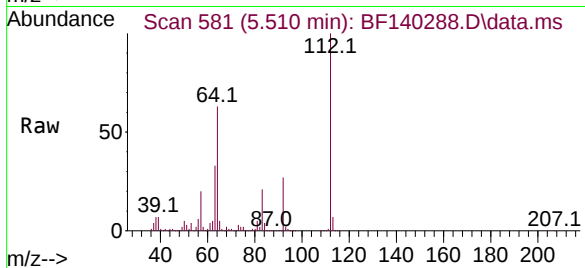
#5
2-Fluorophenol
Concen: 114.430 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



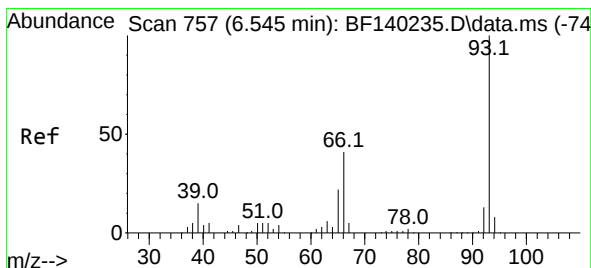
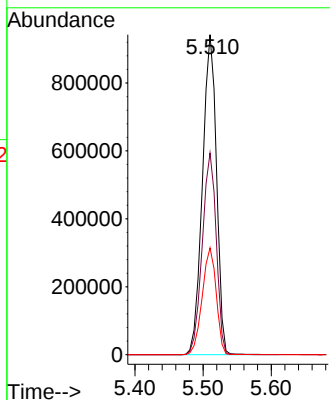
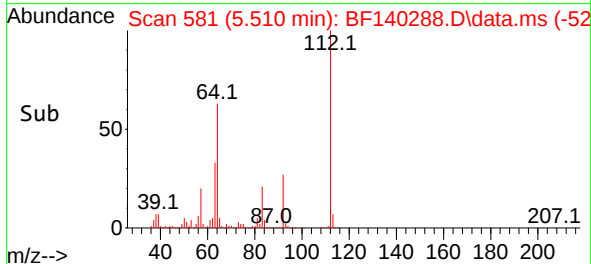
Tgt Ion:112 Resp: 1350884
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 33.4 28.9 43.3

Manual Integrations

APPROVED

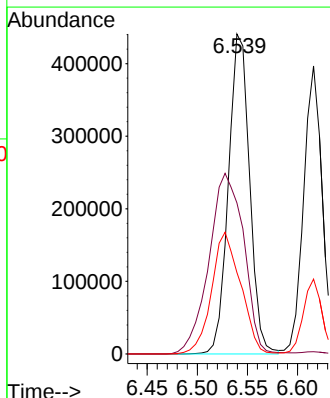
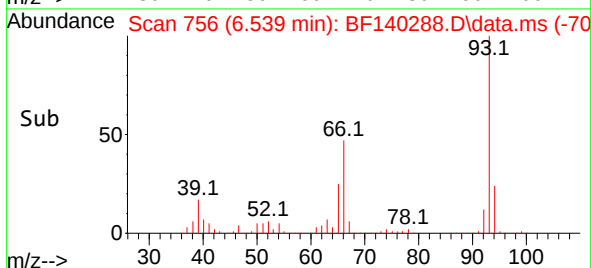
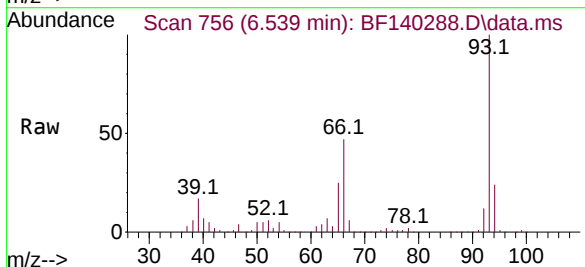
Reviewed By :Yogesh Patel 11/10/2024

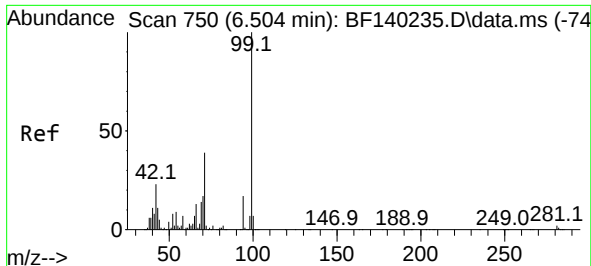
Supervised By :mohammad ahmed 11/11/2024



#6
Aniline
Concen: 47.287 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

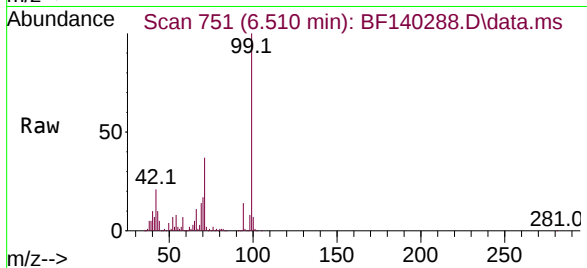
Tgt Ion: 93 Resp: 648715
Ion Ratio Lower Upper
93 100
66 47.2 33.6 50.4
65 25.4 17.5 26.3





#7
Phenol-d6
Concen: 112.481 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

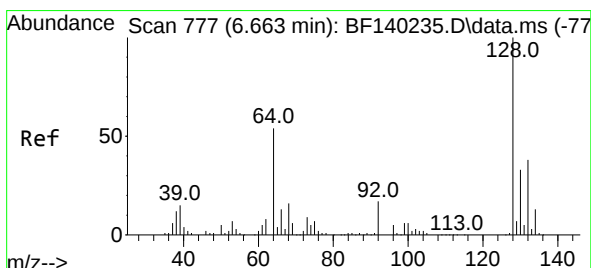
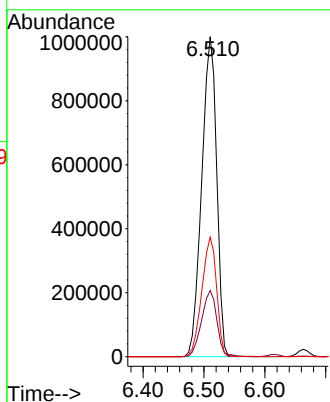
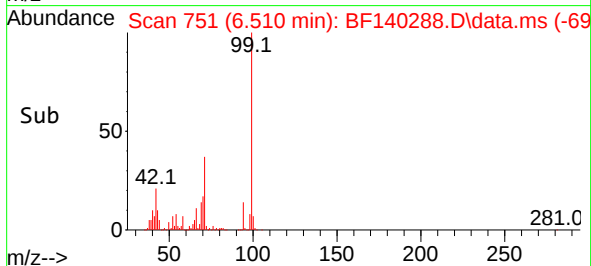
Instrument :
BNA_F
ClientSampleId :
PB164750BS



Tgt Ion: 99 Resp: 1707980
Ion Ratio Lower Upper
99 100
42 20.7 18.2 27.2
71 37.4 30.9 46.3

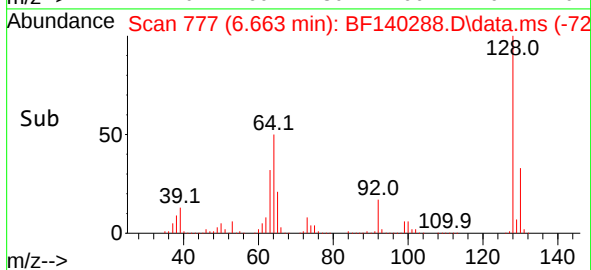
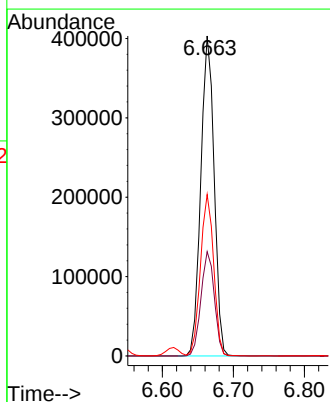
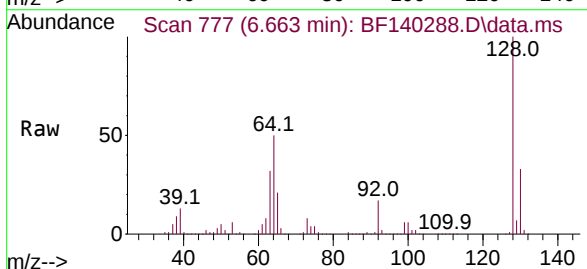
Manual Integrations
APPROVED

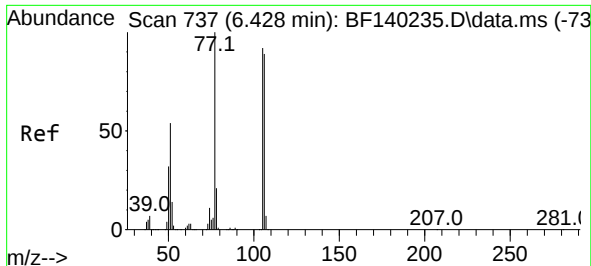
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#8
2-Chlorophenol
Concen: 42.803 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

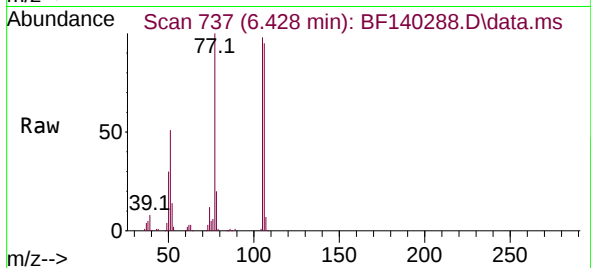
Tgt Ion:128 Resp: 528701
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 50.5 36.3 76.3





#9
Benzaldehyde
Concen: 7.258 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

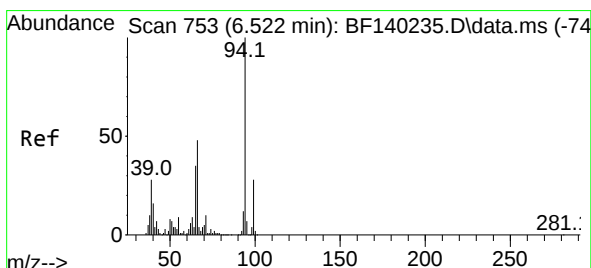
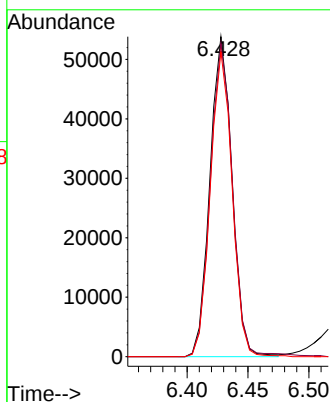
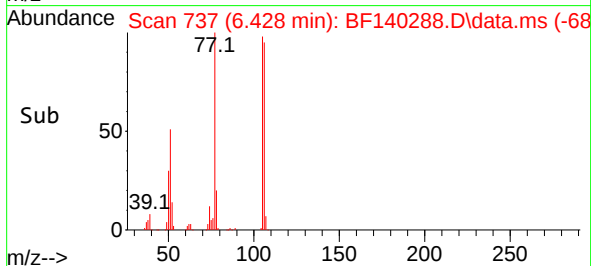
Instrument :
BNA_F
ClientSampleId :
PB164750BS



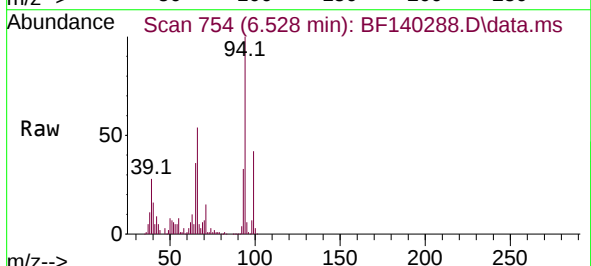
Tgt Ion: 77 Resp: 67892
Ion Ratio Lower Upper
77 100
105 97.9 72.1 112.1
106 95.3 68.8 108.8

Manual Integrations
APPROVED

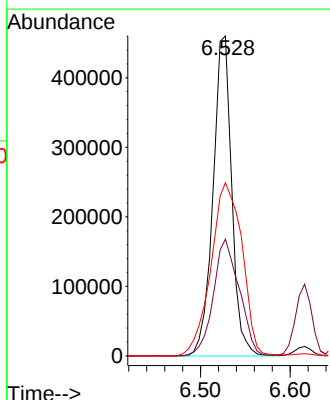
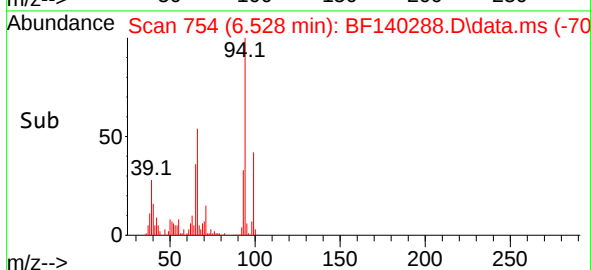
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

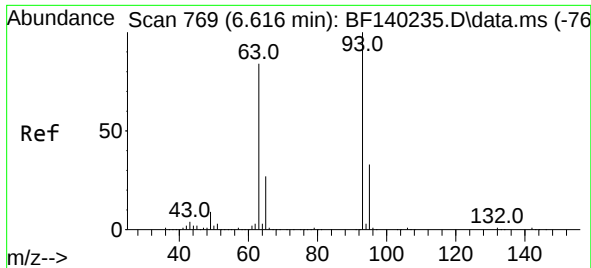


#10
Phenol
Concen: 41.429 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion: 94 Resp: 668118
Ion Ratio Lower Upper
94 100
65 36.5 15.1 55.1
66 54.1 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 41.107 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

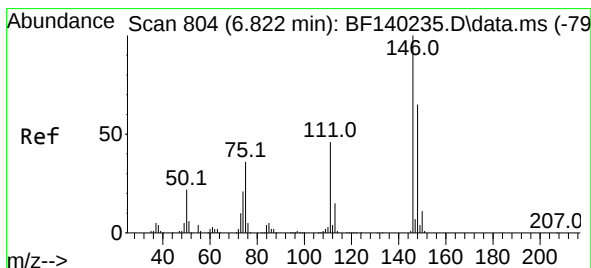
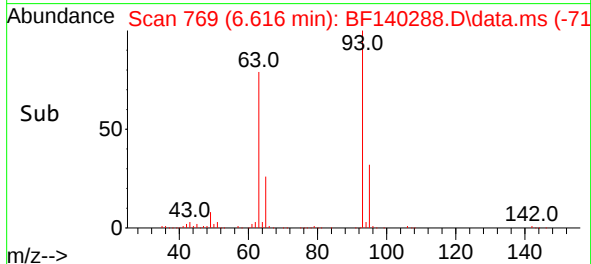
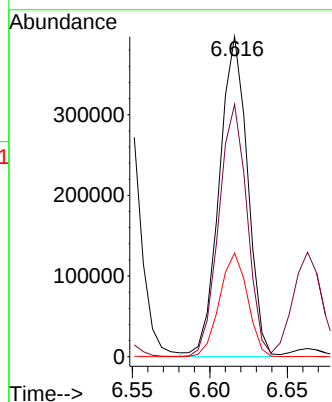
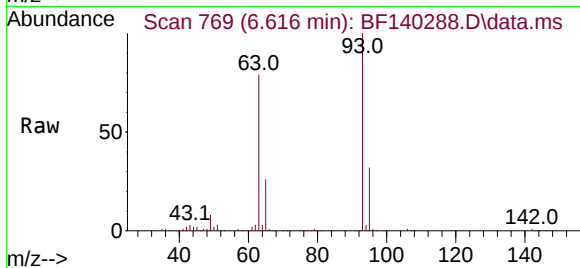
ClientSampleId :

PB164750BS

Tgt Ion: 93 Resp: 50359
Ion Ratio Lower Upper
93 100
63 78.8 63.6 103.6
95 32.4 12.7 52.7

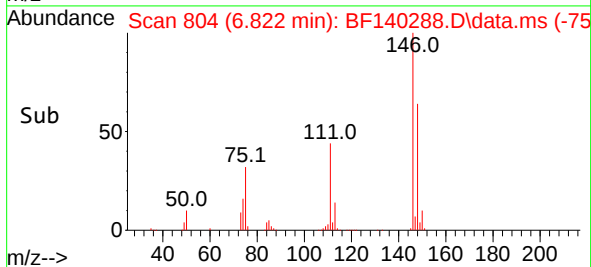
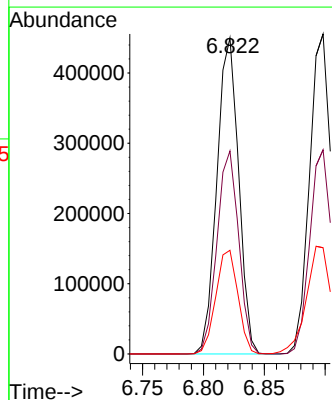
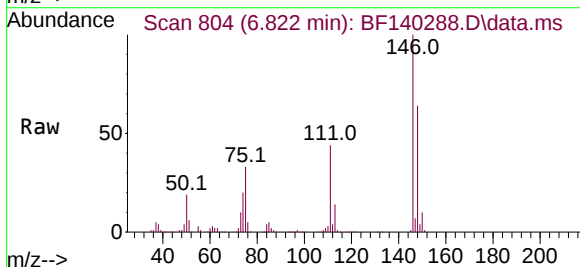
Manual Integrations
APPROVED

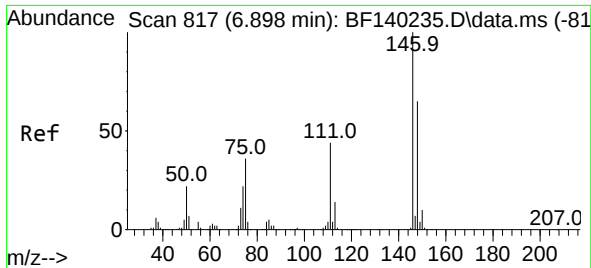
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 38.664 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

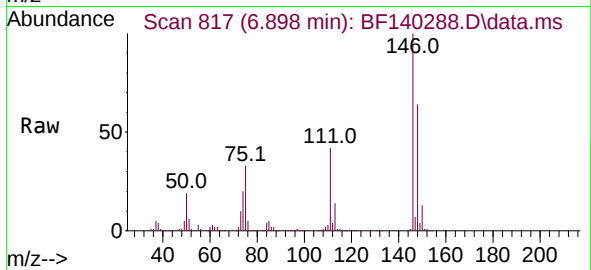
Tgt Ion:146 Resp: 559655
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 32.8 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 38.881 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

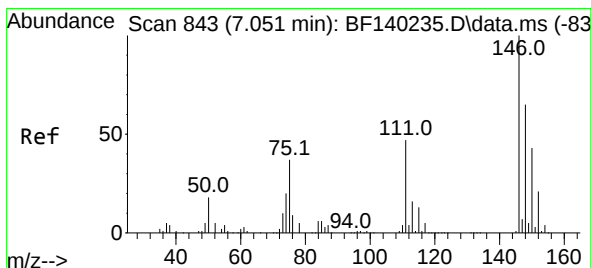
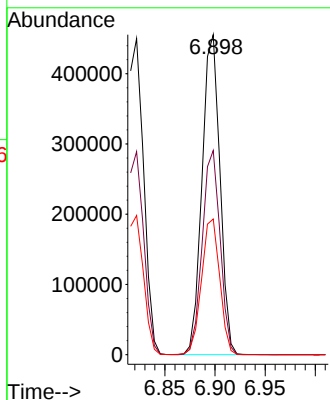
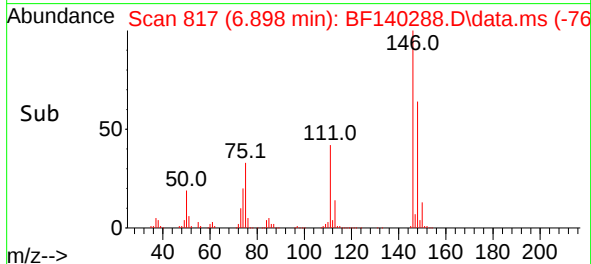
Instrument :
BNA_F
ClientSampleId :
PB164750BS



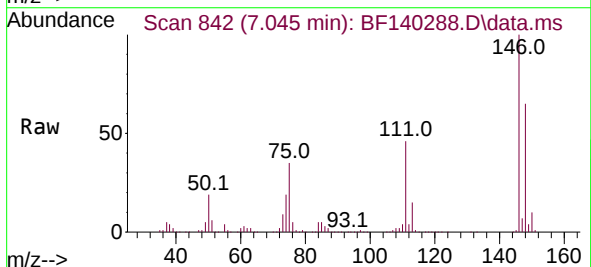
Tgt Ion:146 Resp: 567610
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
111 42.4 35.4 53.2

Manual Integrations
APPROVED

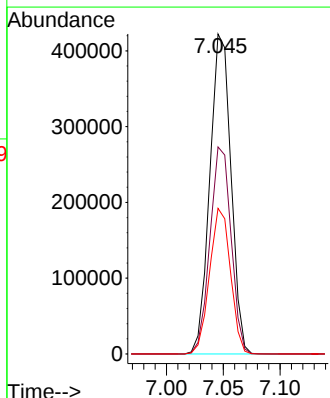
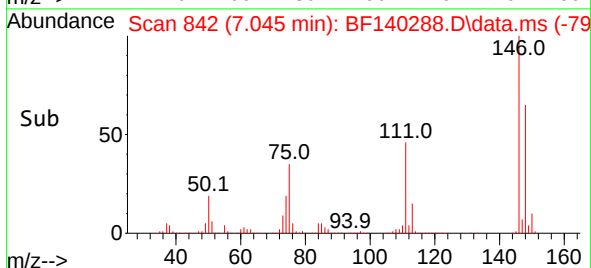
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

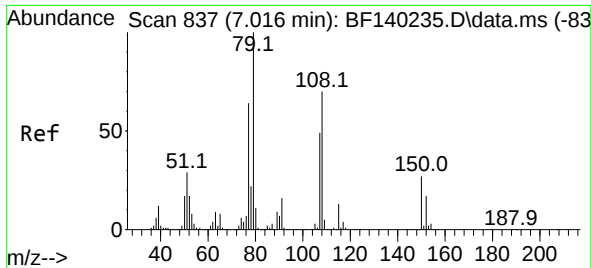


#14
1,2-Dichlorobenzene
Concen: 40.074 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:146 Resp: 546411
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 45.5 37.9 56.9





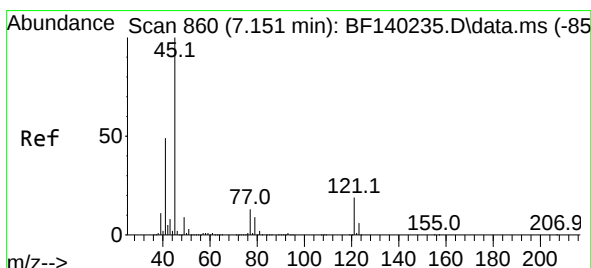
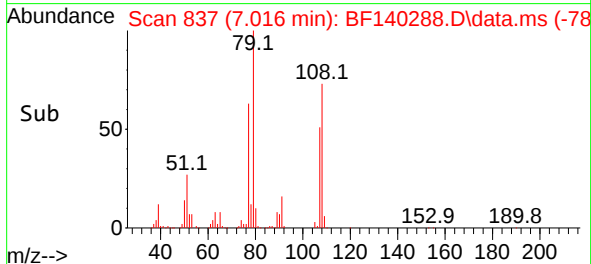
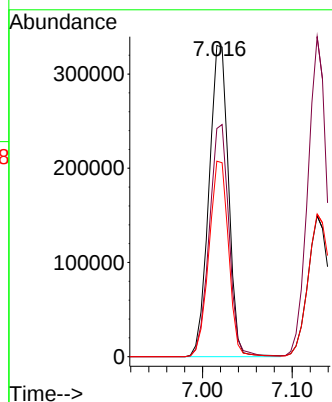
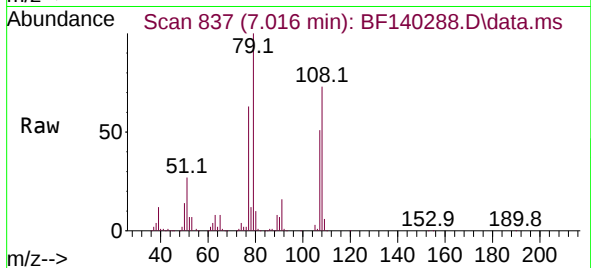
#15
Benzyl Alcohol
Concen: 42.685 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB164750BS

Tgt Ion: 79 Resp: 499648
Ion Ratio Lower Upper
79 100
108 73.3 55.8 83.6
77 62.8 51.1 76.7

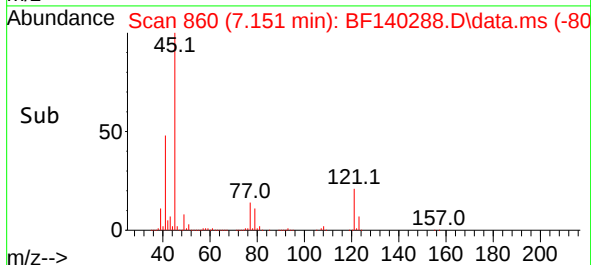
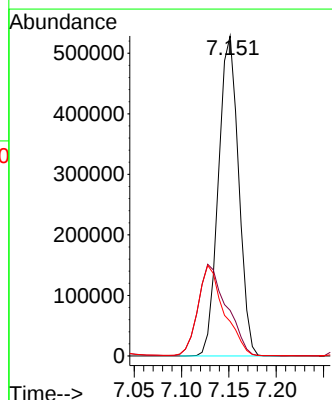
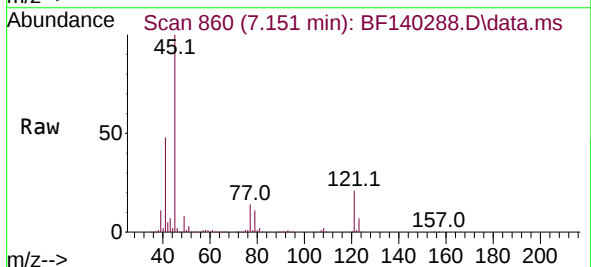
Manual Integrations
APPROVED

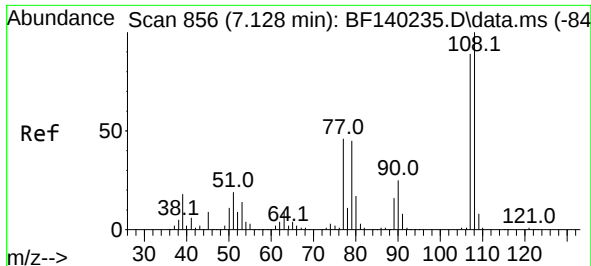
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.455 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion: 45 Resp: 782413
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.3
79 10.8 0.0 29.9





#17
2-Methylphenol
Concen: 42.132 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

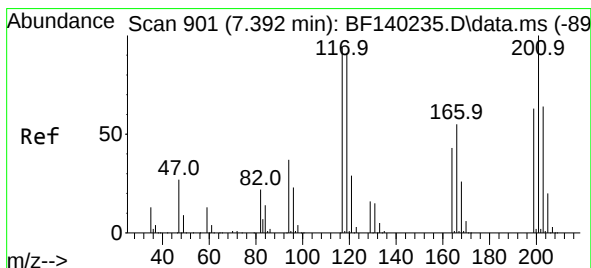
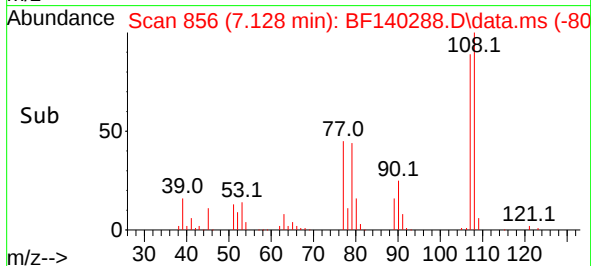
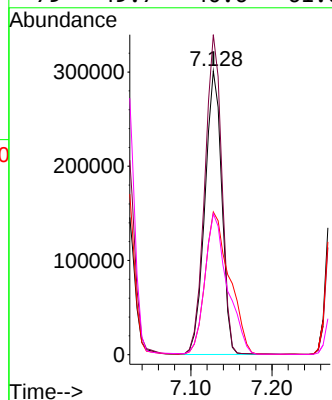
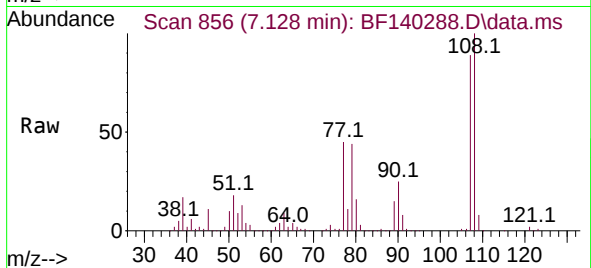
PB164750BS

Tgt Ion:107 Resp: 434120
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 50.3 41.8 62.6
79 49.7 40.6 61.0

Manual Integrations

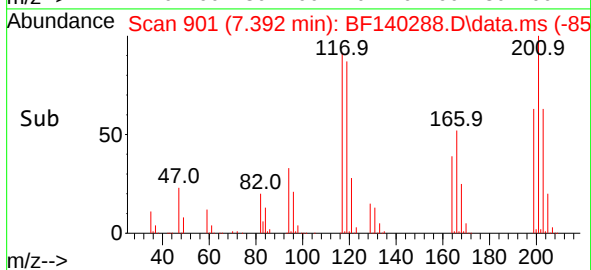
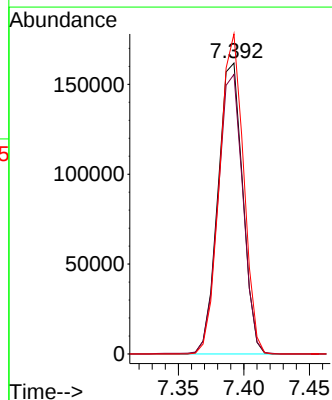
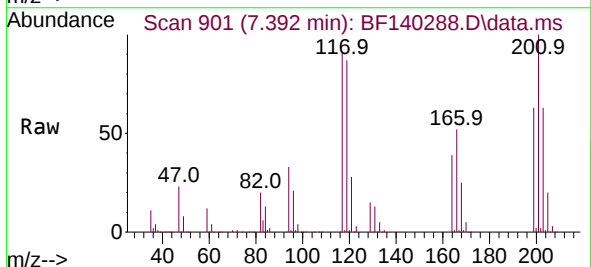
APPROVED

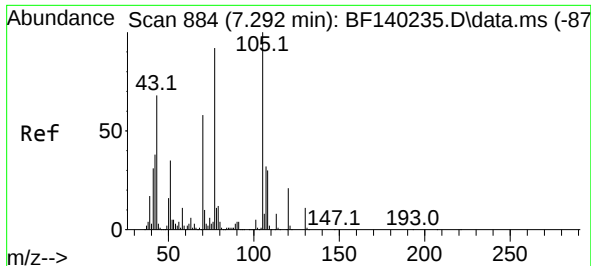
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 39.008 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

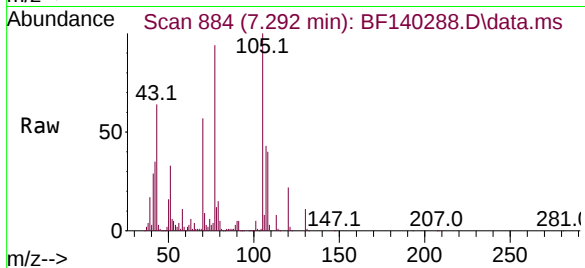
Tgt Ion:117 Resp: 212125
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9
201 110.0 85.1 127.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.647 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

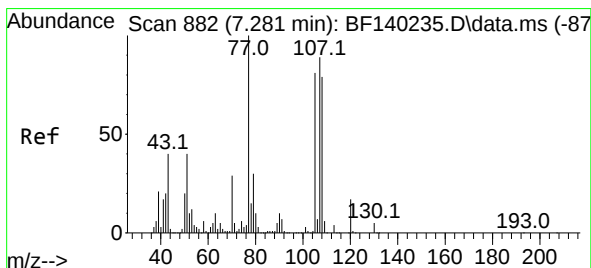
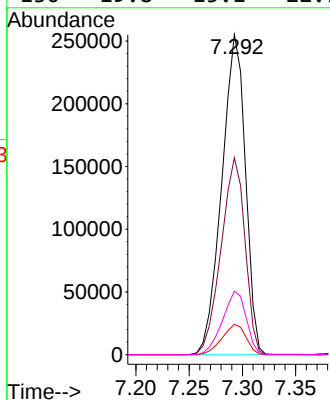
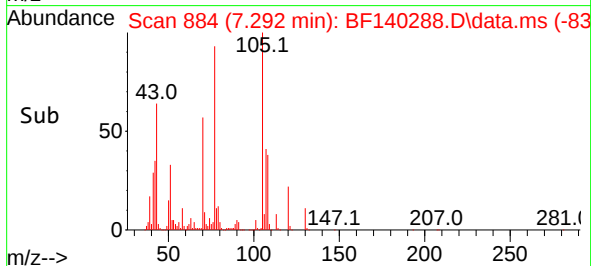
Instrument :
BNA_F
ClientSampleId :
PB164750BS



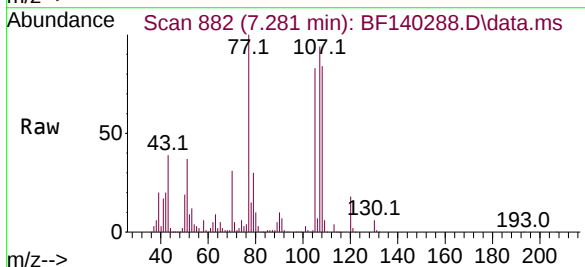
Tgt Ion: 70 Resp: 393754
Ion Ratio Lower Upper
70 100
42 61.6 52.8 79.2
101 9.5 7.4 11.2
130 19.8 15.1 22.7

Manual Integrations
APPROVED

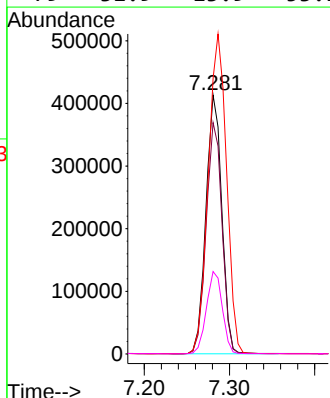
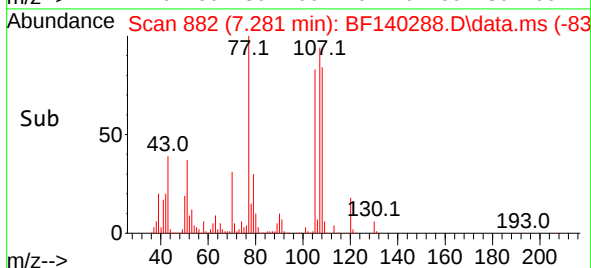
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

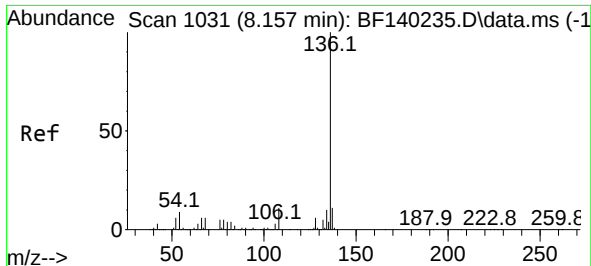


#20
3+4-Methylphenols
Concen: 41.218 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:107 Resp: 533406
Ion Ratio Lower Upper
107 100
108 89.4 69.4 109.4
77 106.4 92.7 132.7
79 31.9 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

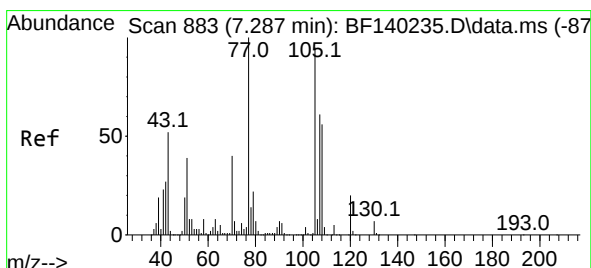
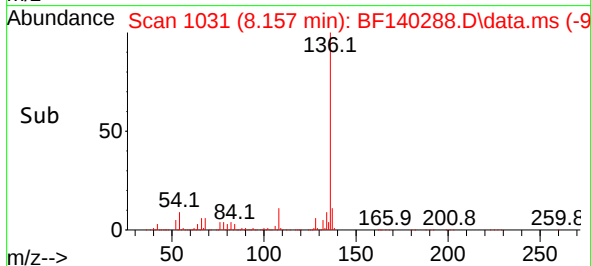
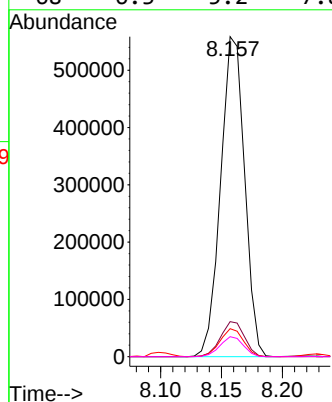
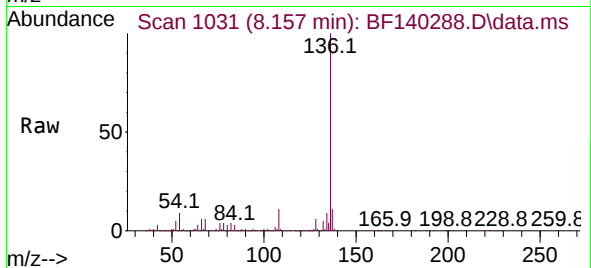
Tgt Ion:	136	Resp:	76554
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	8.8	7.7	11.5
68	6.3	5.2	7.8

Manual Integrations

APPROVED

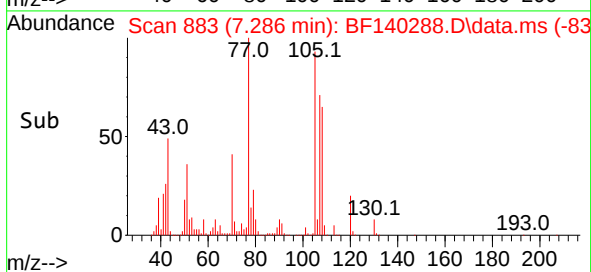
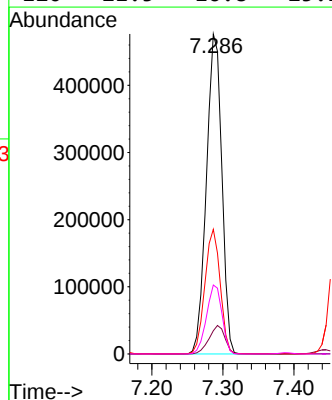
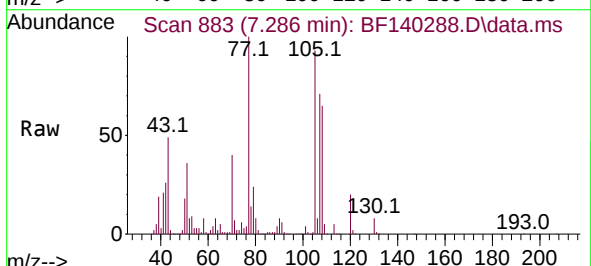
Reviewed By :Yogesh Patel 11/10/2024

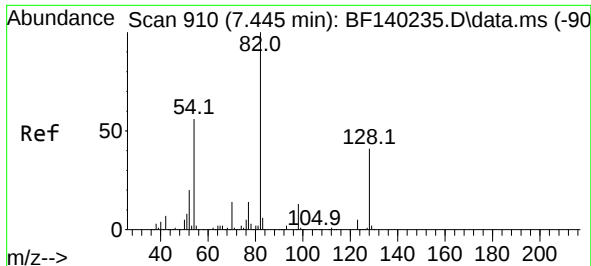
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 37.929 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:	105	Resp:	719910
Ion Ratio	Lower	Upper	
105	100		
71	7.2	5.6	8.4
51	38.9	33.2	49.8
120	21.5	16.8	25.2





#23
Nitrobenzene-d5
Concen: 76.414 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

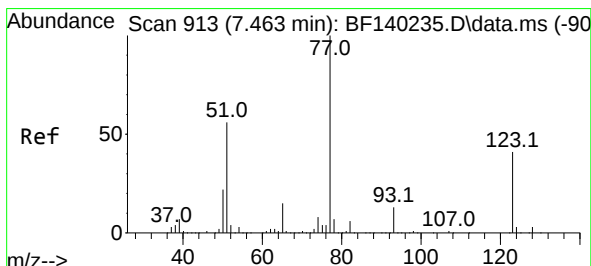
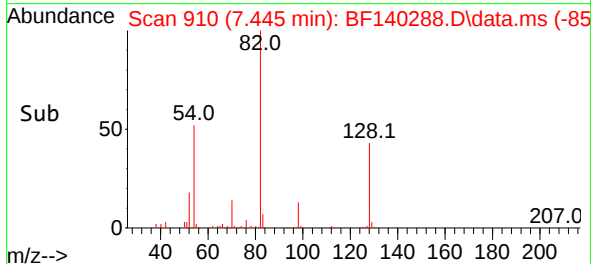
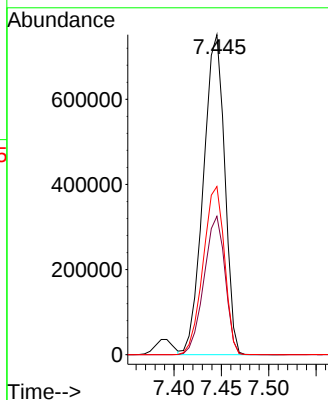
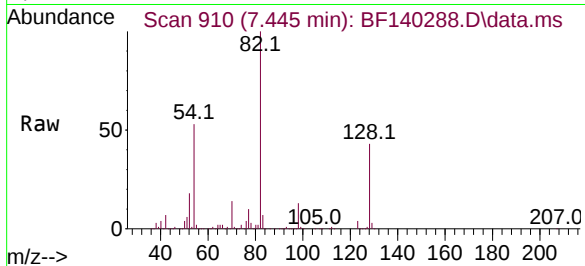
ClientSampleId :

PB164750BS

Tgt Ion: 82 Resp: 117660
Ion Ratio Lower Upper
82 100
128 43.3 32.8 49.2
54 52.5 44.3 66.5

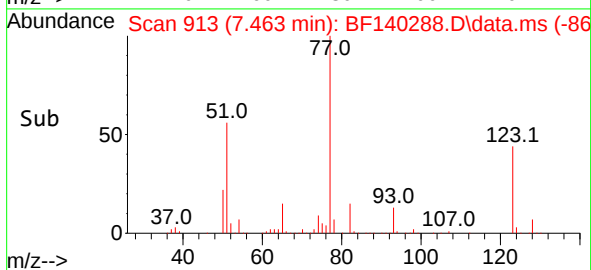
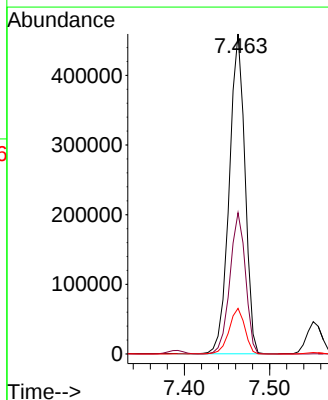
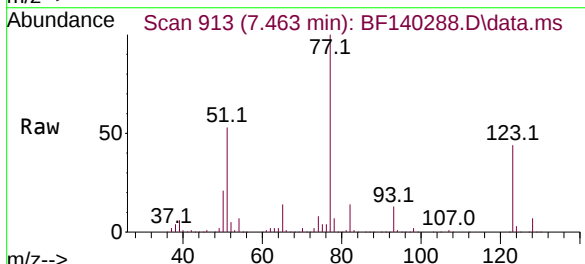
Manual Integrations
APPROVED

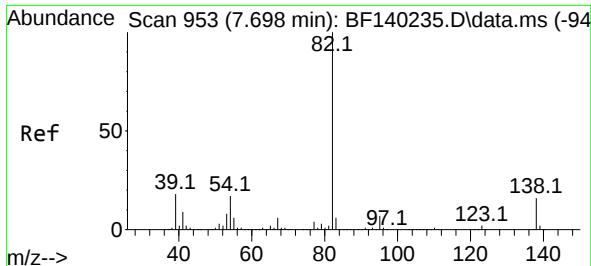
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 36.477 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

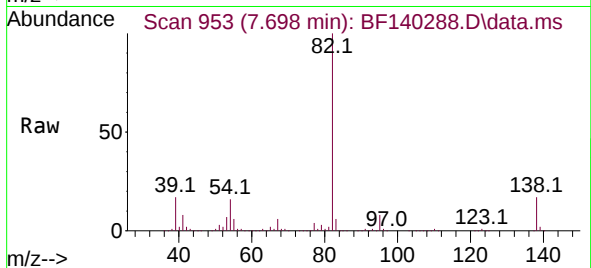
Tgt Ion: 77 Resp: 589350
Ion Ratio Lower Upper
77 100
123 44.1 33.0 49.4
65 14.3 11.7 17.5





#25
Isophorone
Concen: 40.620 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

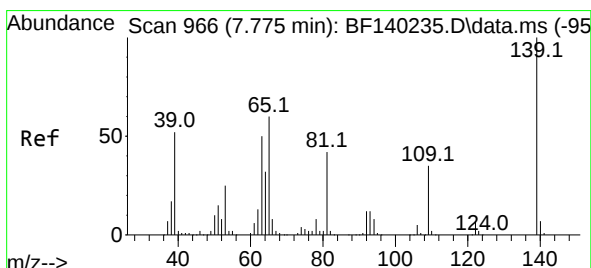
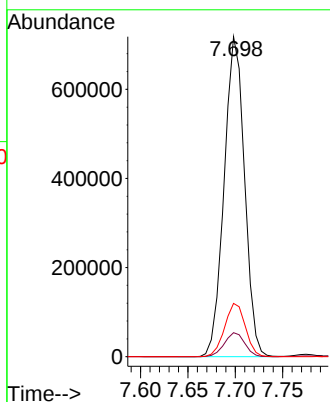
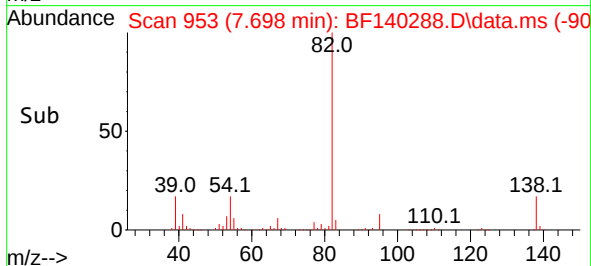
Instrument :
BNA_F
ClientSampleId :
PB164750BS



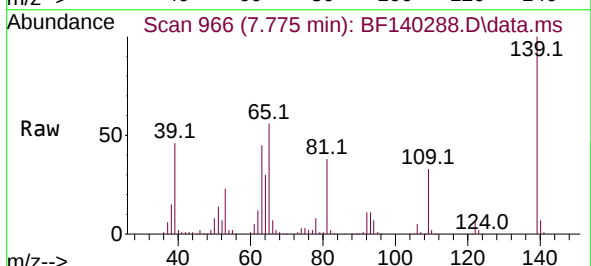
Tgt Ion: 82 Resp: 1076954
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.7 12.9 19.3

Manual Integrations
APPROVED

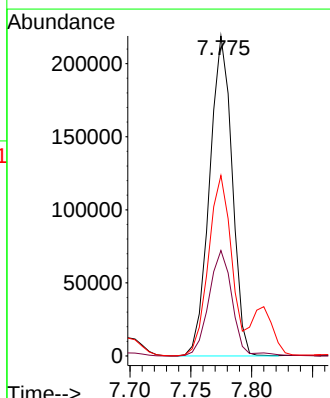
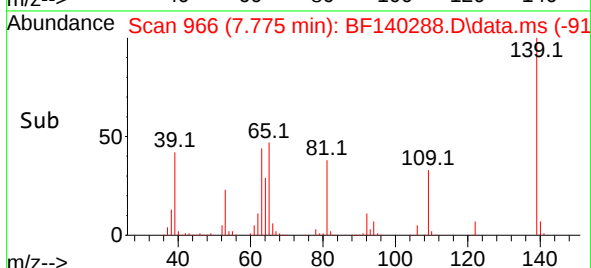
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

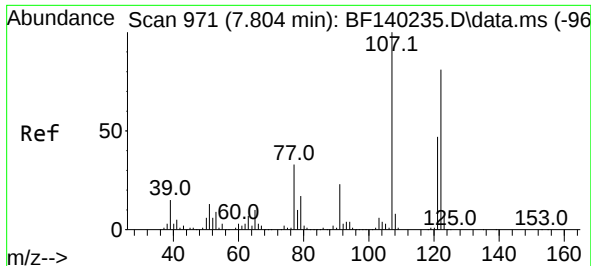


#26
2-Nitrophenol
Concen: 43.855 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:139 Resp: 281854
Ion Ratio Lower Upper
139 100
109 33.0 27.8 41.8
65 56.4 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 49.957 ng
RT: 7.810 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

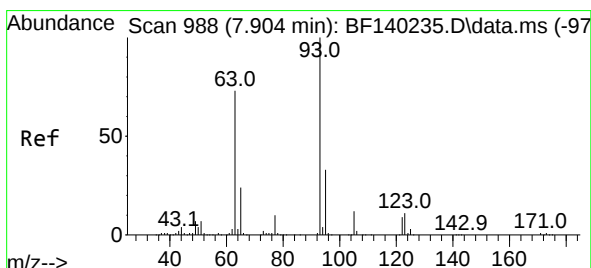
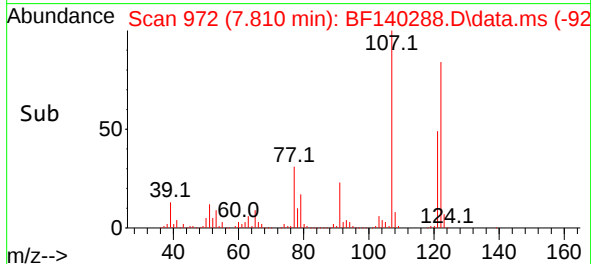
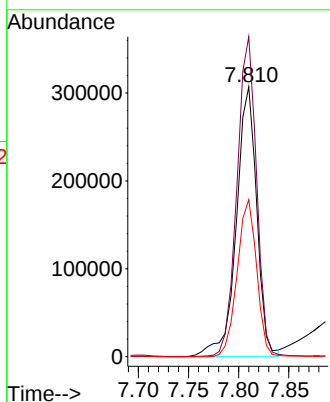
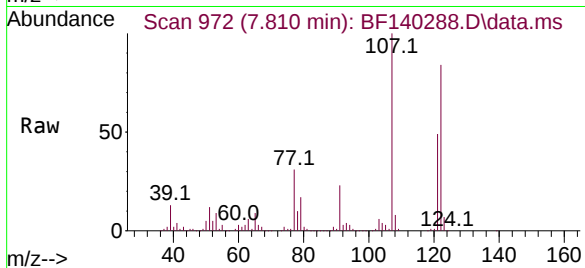
Tgt Ion:122 Resp: 436790
Ion Ratio Lower Upper
122 100
107 118.5 99.4 149.0
121 58.2 47.1 70.7

Manual Integrations

APPROVED

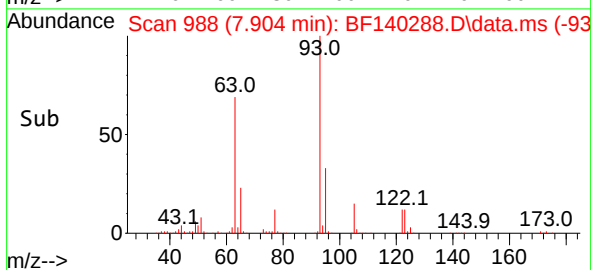
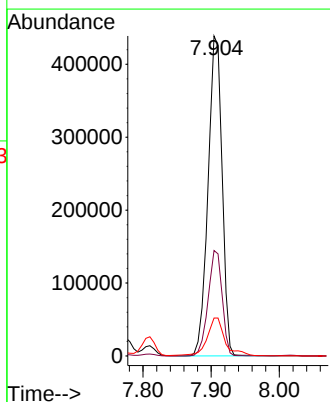
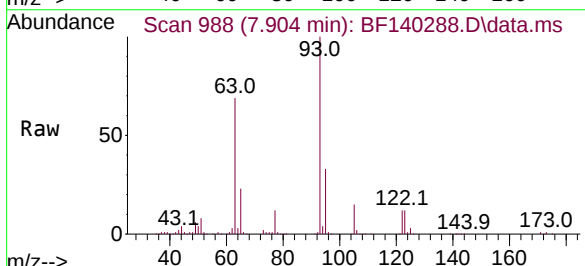
Reviewed By :Yogesh Patel 11/10/2024

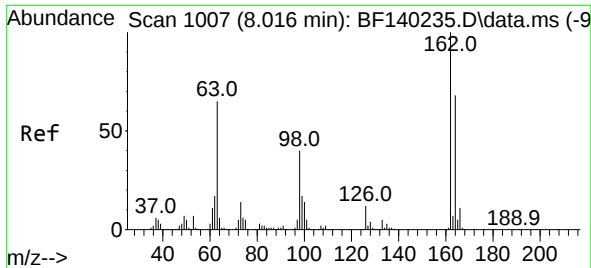
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.712 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion: 93 Resp: 630073
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.440 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

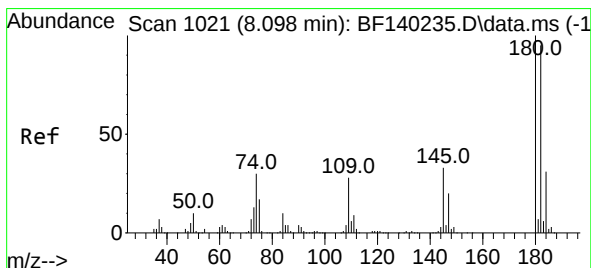
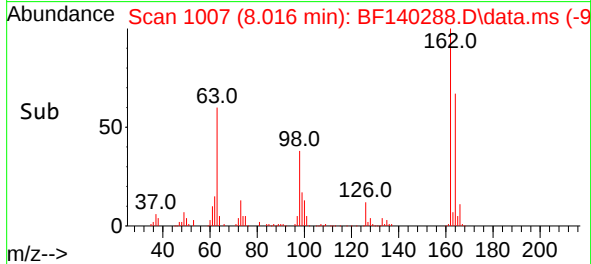
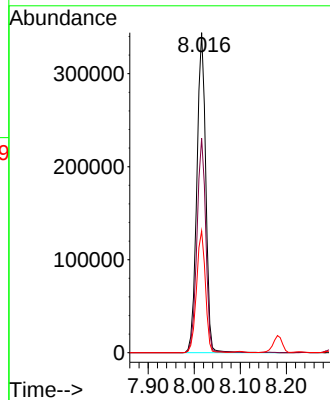
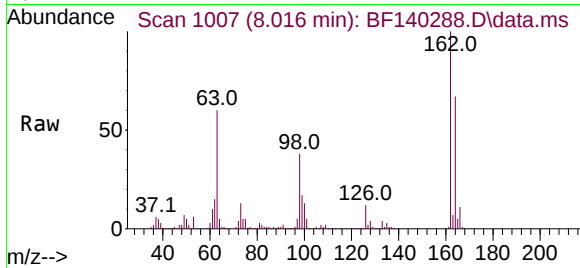
PB164750BS

Tgt Ion:162 Resp: 459059
 Ion Ratio Lower Upper
 162 100
 164 67.0 47.5 87.5
 98 38.1 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.849 ng

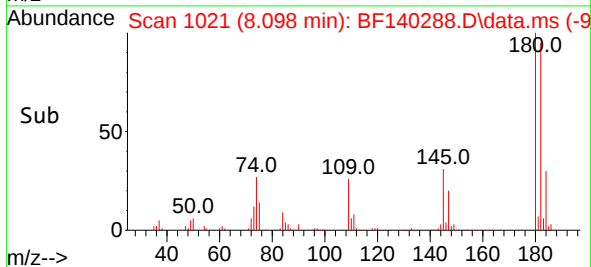
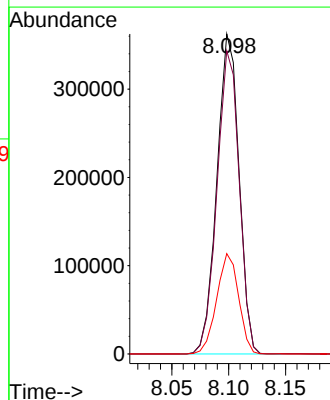
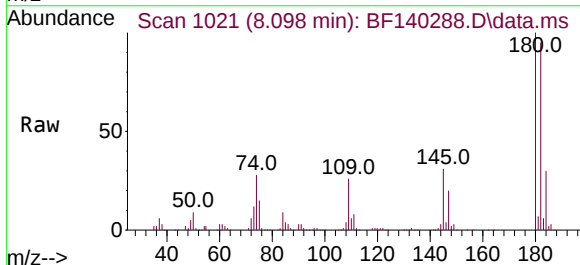
RT: 8.098 min Scan# 1021

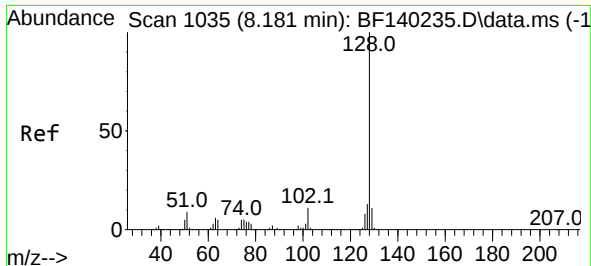
Delta R.T. 0.000 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Tgt Ion:180 Resp: 490581
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.9 113.9
 145 31.4 26.1 39.1





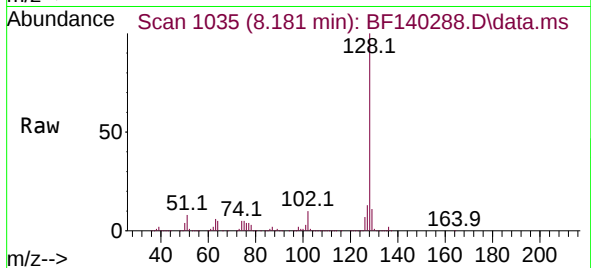
#31
Naphthalene
Concen: 38.871 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



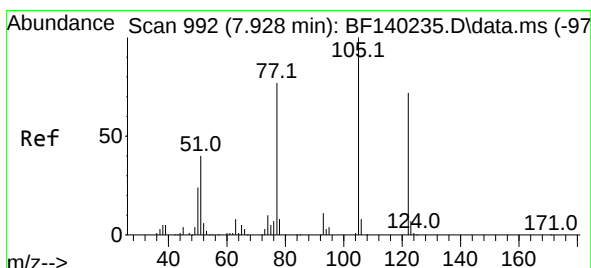
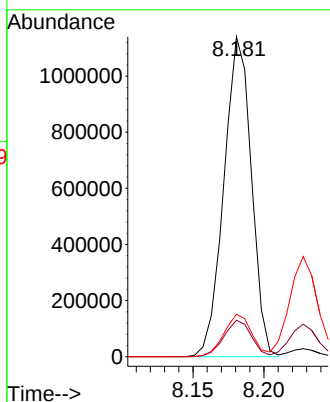
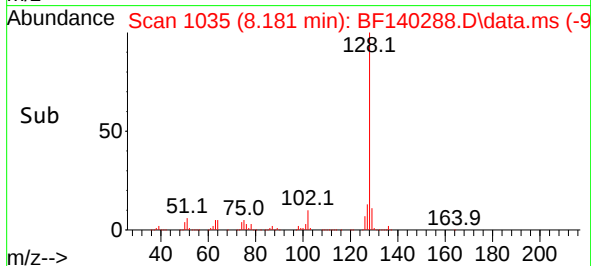
Tgt Ion:128 Resp: 153664
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 10.7 16.1

Manual Integrations

APPROVED

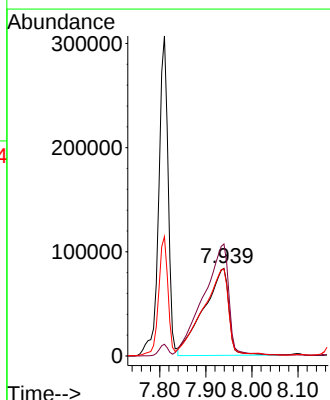
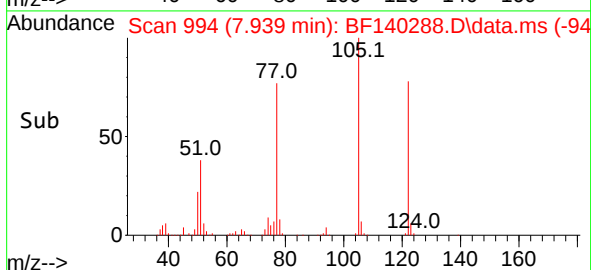
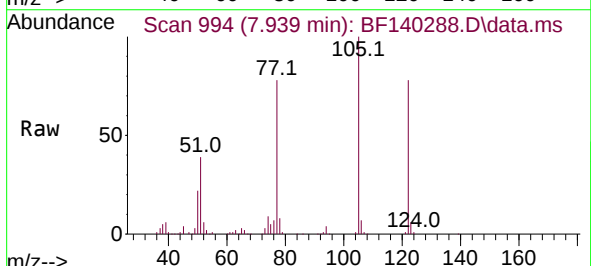
Reviewed By :Yogesh Patel 11/10/2024

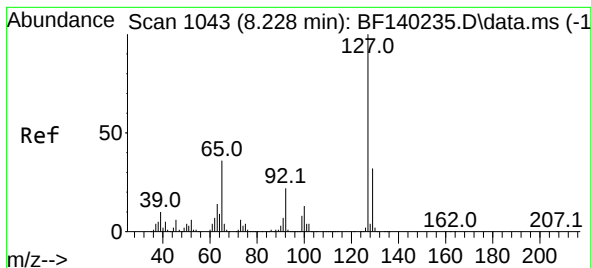
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 44.431 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.011 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:122 Resp: 318810
Ion Ratio Lower Upper
122 100
105 127.9 112.6 152.6
77 99.4 84.3 124.3





#33
4-Chloroaniline
Concen: 39.629 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

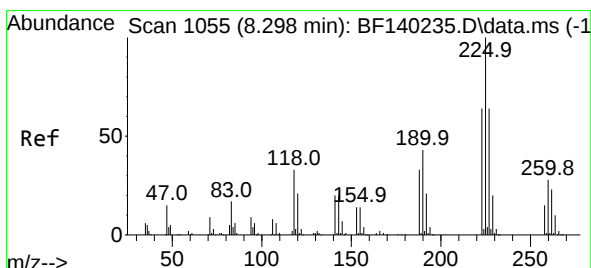
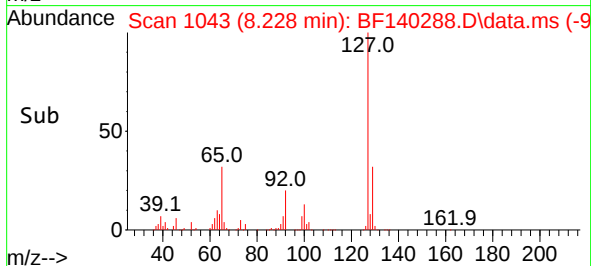
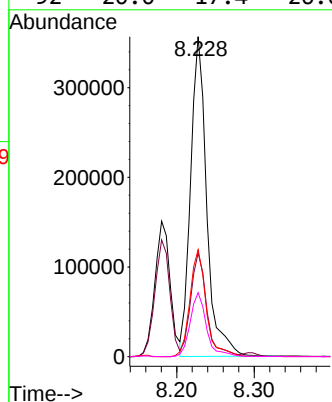
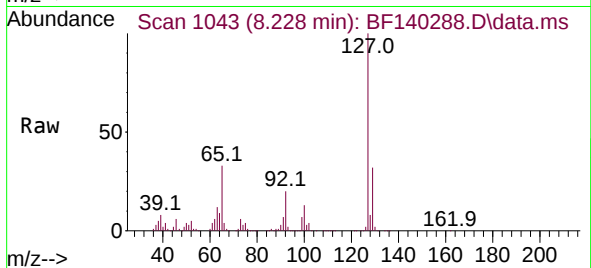
PB164750BS

Tgt Ion:127 Resp: 515740
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 33.4 29.0 43.6
92 20.0 17.4 26.0

Manual Integrations

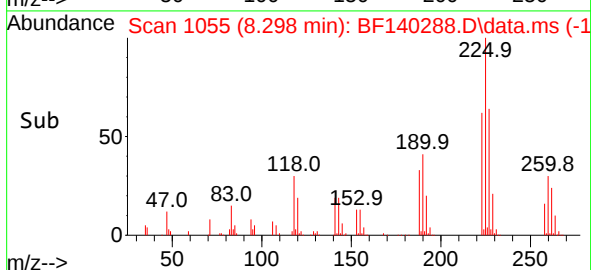
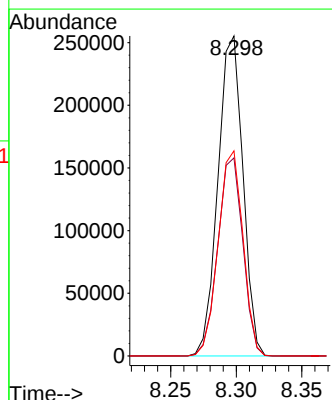
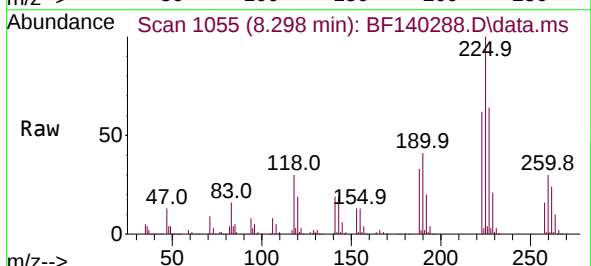
APPROVED

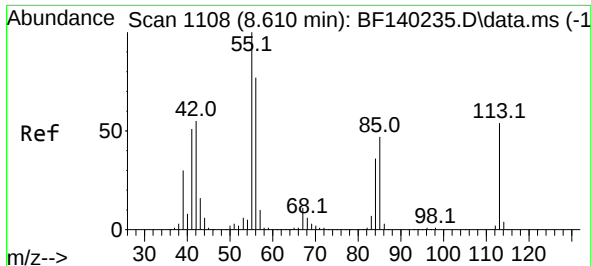
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 38.524 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

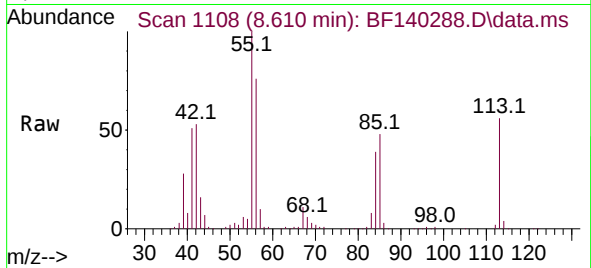
Tgt Ion:225 Resp: 337982
Ion Ratio Lower Upper
225 100
223 61.9 50.8 76.2
227 64.1 51.0 76.6





#35
Caprolactam
Concen: 39.949 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

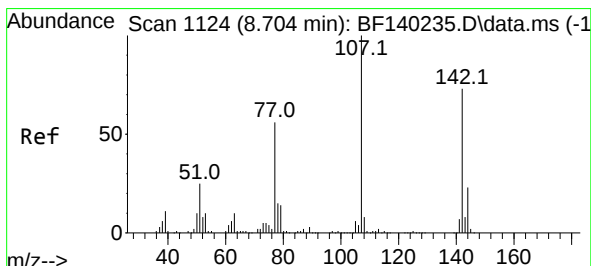
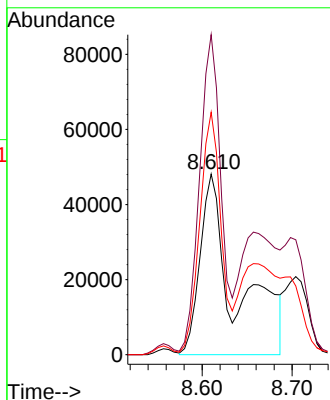
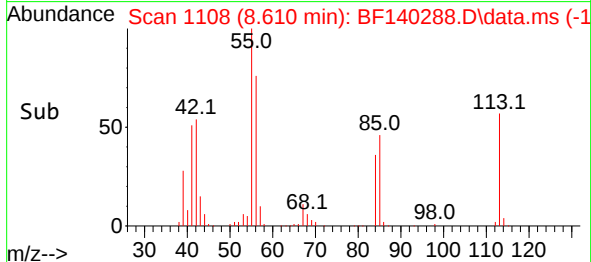
Instrument :
BNA_F
ClientSampleId :
PB164750BS



Tgt Ion:113 Resp: 131452
Ion Ratio Lower Upper
113 100
55 177.1 165.2 205.2
56 134.2 122.1 162.1

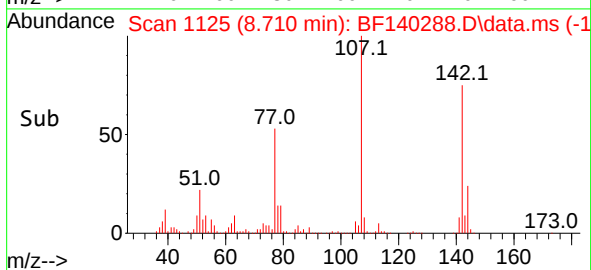
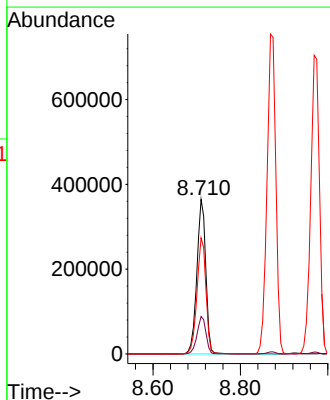
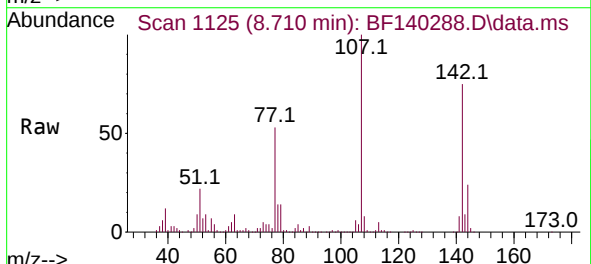
Manual Integrations
APPROVED

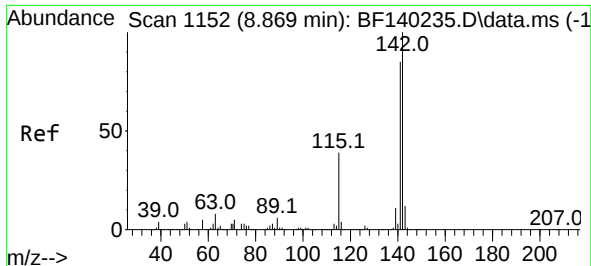
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 43.075 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:107 Resp: 518752
Ion Ratio Lower Upper
107 100
144 24.2 18.6 27.8
142 75.2 58.1 87.1





#37
2-Methylnaphthalene
Concen: 40.752 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

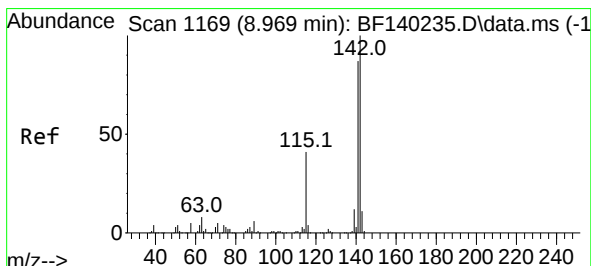
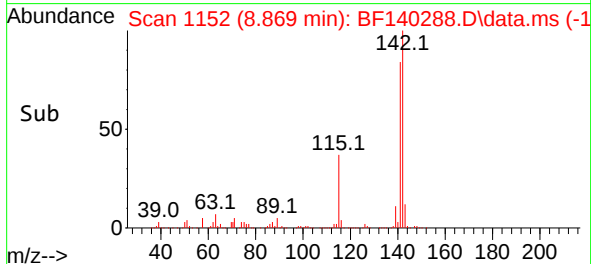
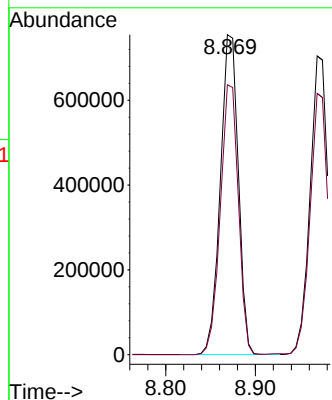
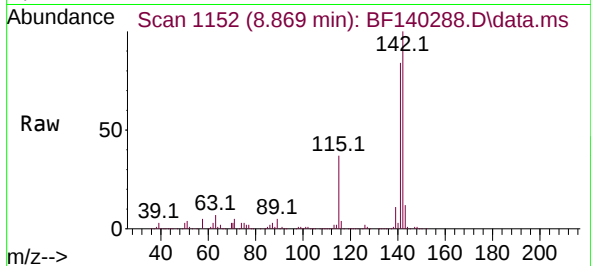
PB164750BS

Tgt Ion:142 Resp: 1051398
Ion Ratio Lower Upper
142 100
141 84.3 67.8 101.8

Manual Integrations

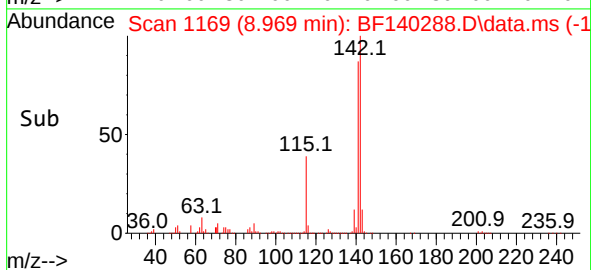
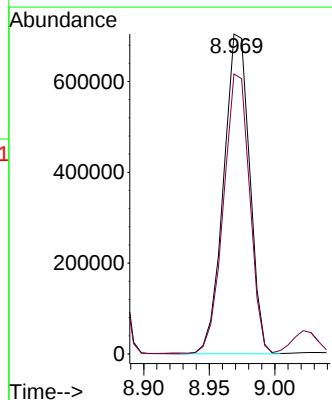
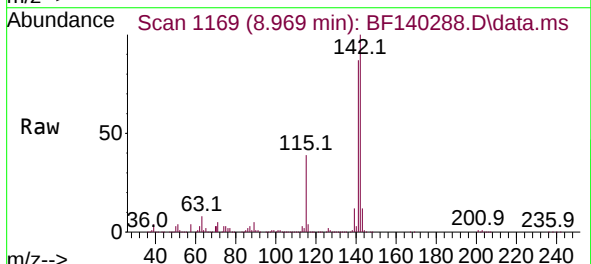
APPROVED

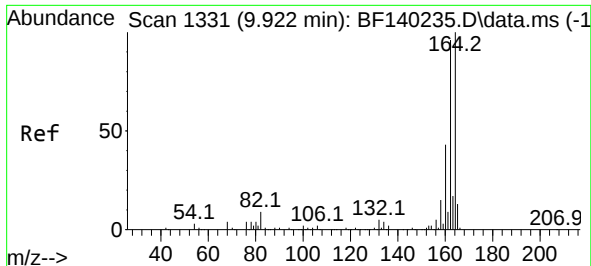
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 38.541 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:142 Resp: 974624
Ion Ratio Lower Upper
142 100
141 87.5 69.7 104.5





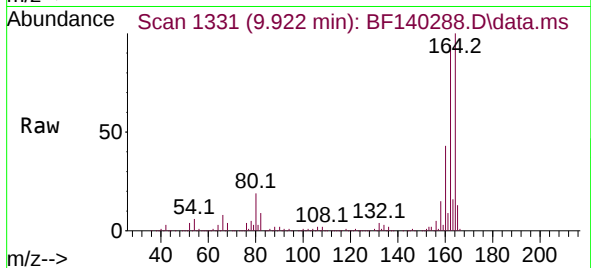
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

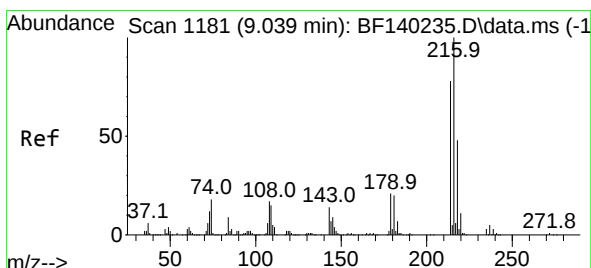
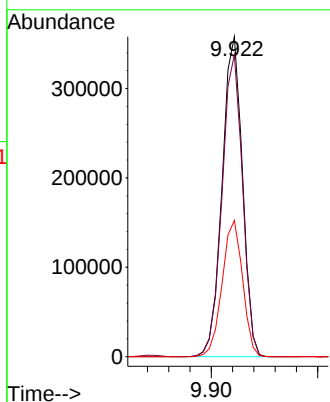
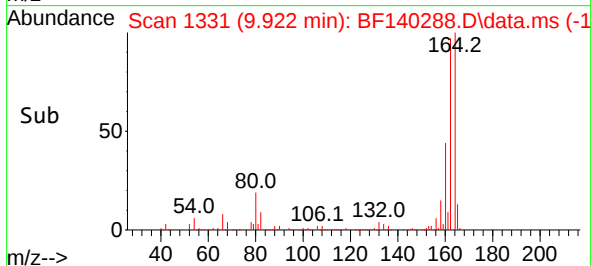
PB164750BS



Tgt Ion:164 Resp: 473510
Ion Ratio Lower Upper
164 100
162 94.3 77.0 115.4
160 42.5 34.1 51.1

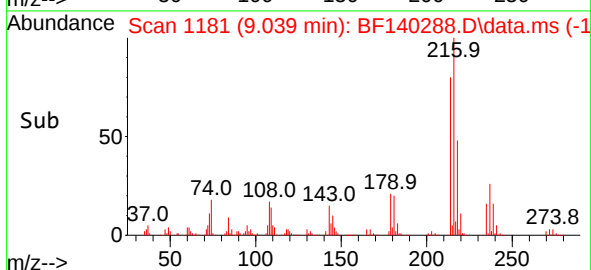
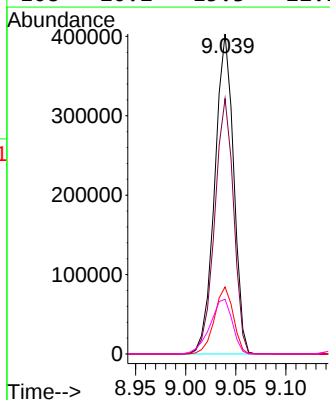
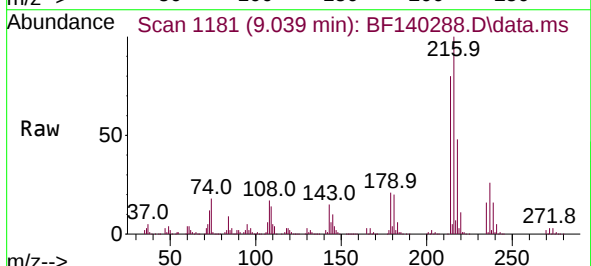
Manual Integrations
APPROVED

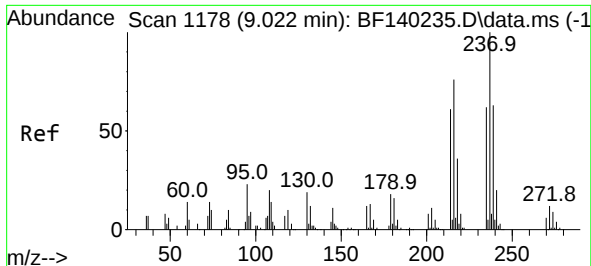
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.098 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:216 Resp: 528119
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 20.9 17.3 25.9
108 20.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 165.176 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

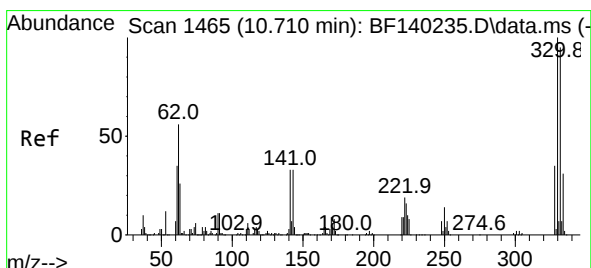
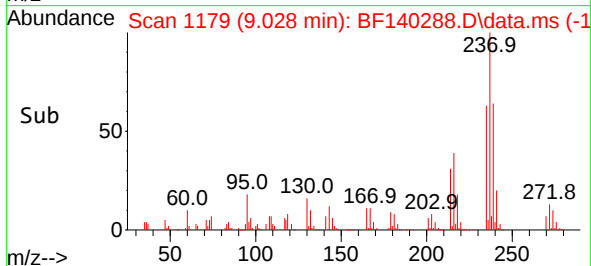
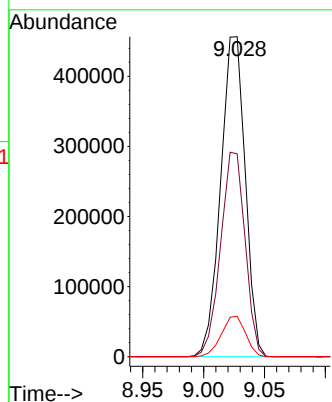
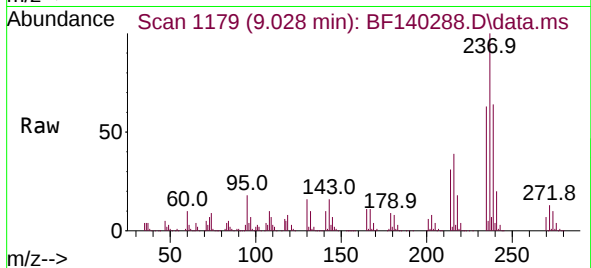
PB164750BS

Tgt Ion:237 Resp: 641602
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 12.6 0.0 31.8

Manual Integrations

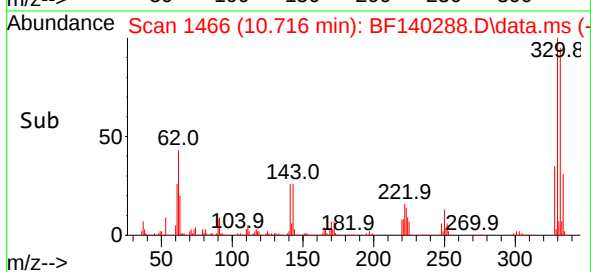
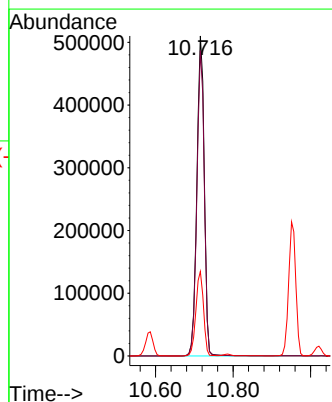
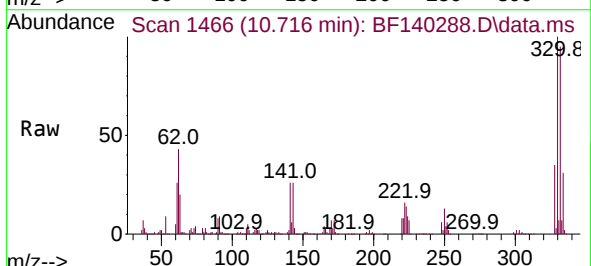
APPROVED

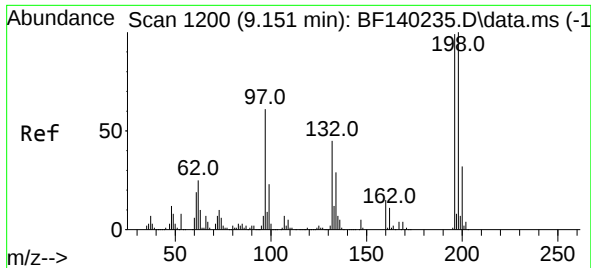
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 144.440 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

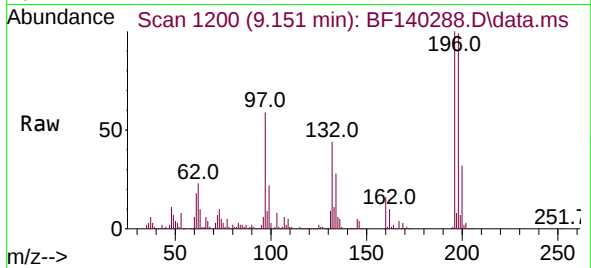
Tgt Ion:330 Resp: 676037
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 27.2 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 43.045 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

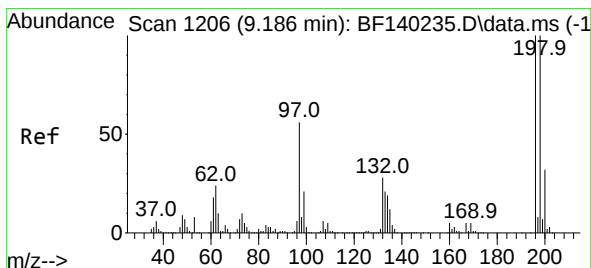
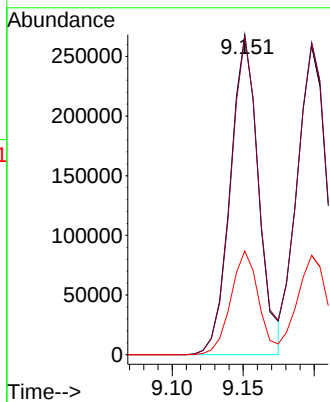
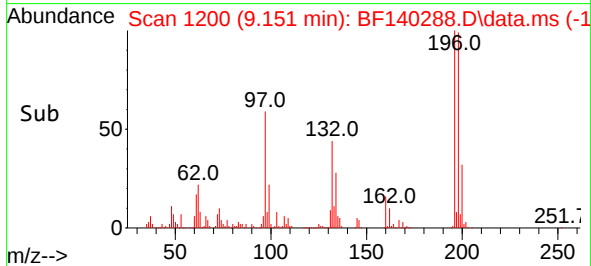
Instrument :
BNA_F
ClientSampleId :
PB164750BS



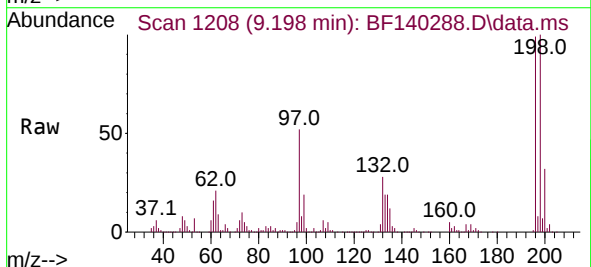
Tgt Ion:196 Resp: 36976
Ion Ratio Lower Upper
196 100
198 99.3 80.8 121.2
200 32.4 26.0 39.0

Manual Integrations
APPROVED

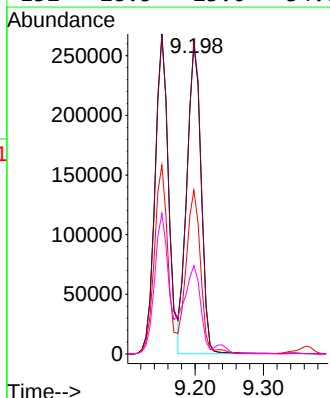
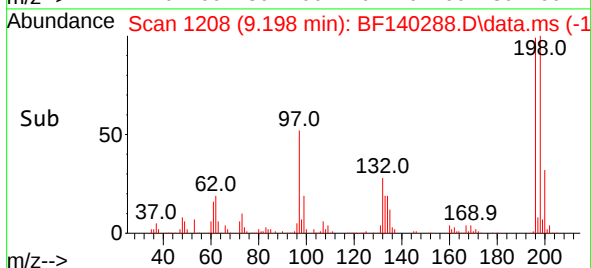
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

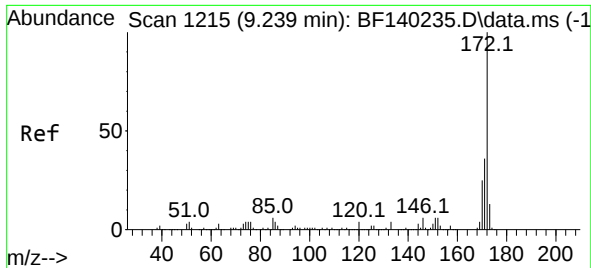


#44
2,4,5-Trichlorophenol
Concen: 41.185 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:196 Resp: 371986
Ion Ratio Lower Upper
196 100
198 101.0 80.0 120.0
97 52.9 45.7 68.5
132 28.5 23.0 34.6





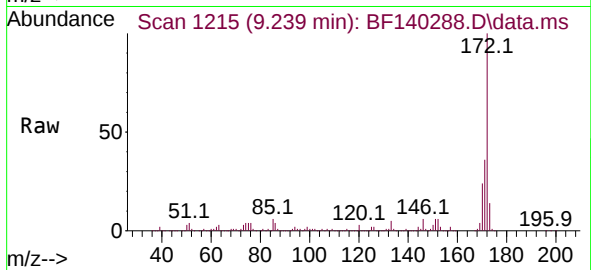
#45
2-Fluorobiphenyl
Concen: 75.084 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



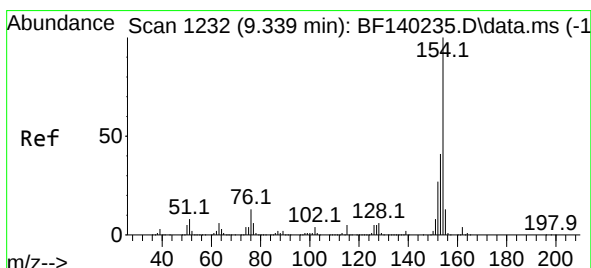
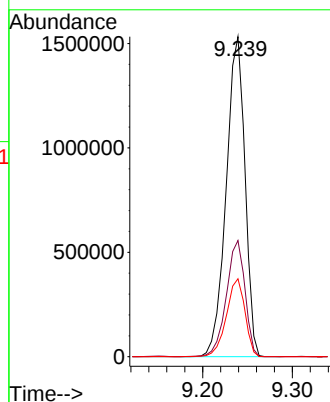
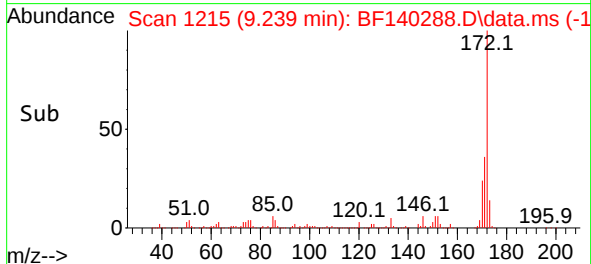
Tgt Ion:172 Resp: 222651
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.4 19.6 29.4

Manual Integrations

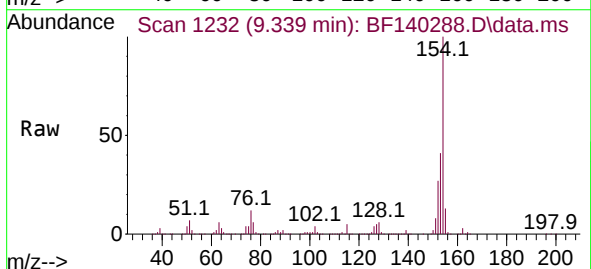
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

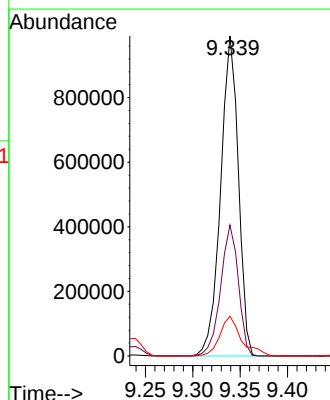
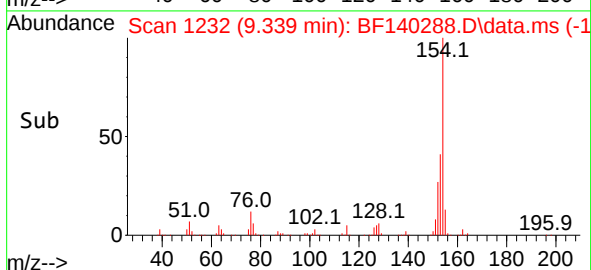
Supervised By :mohammad ahmed 11/11/2024

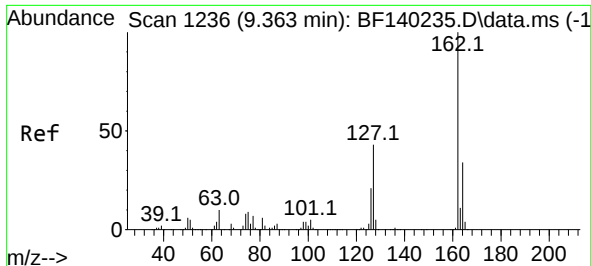


#46
1,1'-Biphenyl
Concen: 37.817 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:154 Resp: 1294320
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.4 0.0 32.6





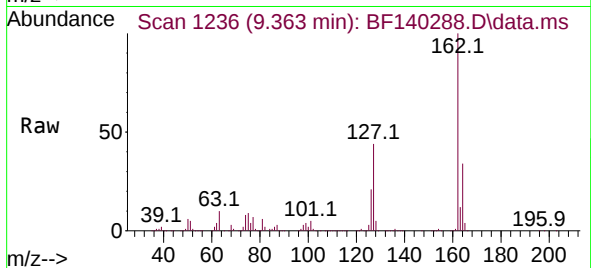
#47
2-Chloronaphthalene
Concen: 37.662 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



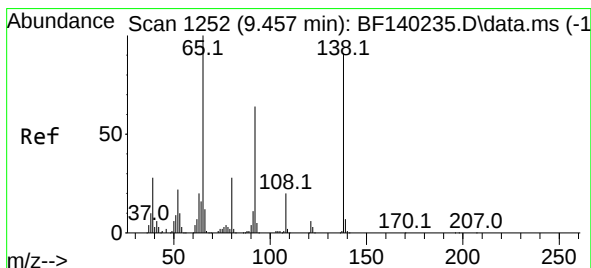
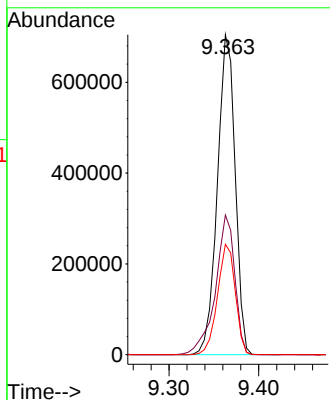
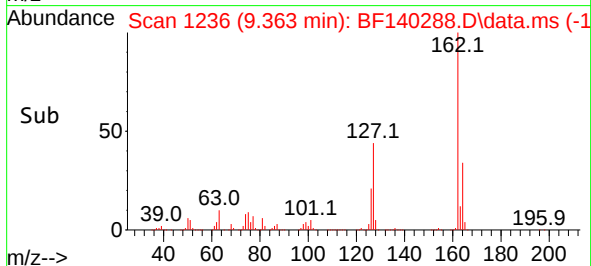
Tgt Ion:162 Resp: 970170
Ion Ratio Lower Upper
162 100
127 43.6 34.8 52.2
164 34.5 27.3 40.9

Manual Integrations

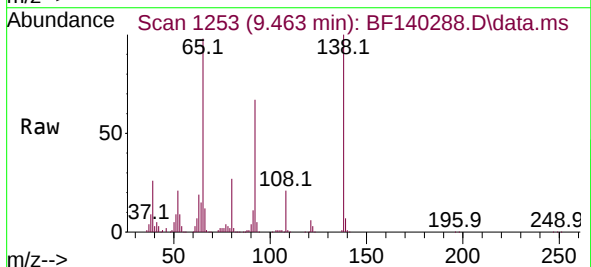
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

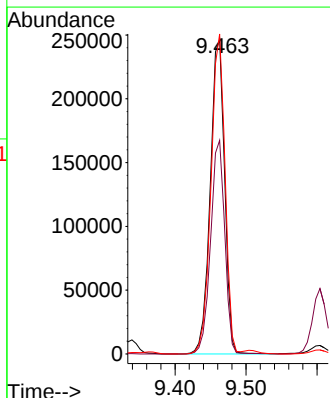
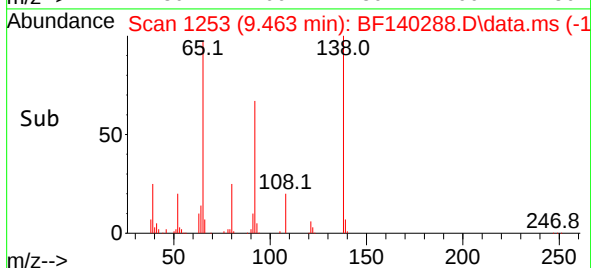
Supervised By :mohammad ahmed 11/11/2024

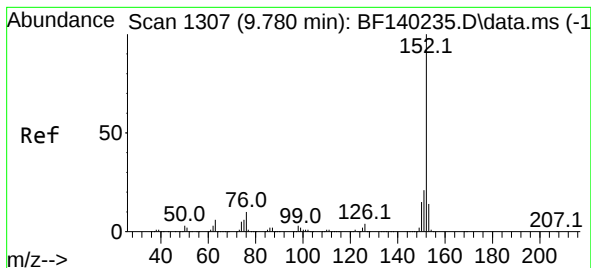


#48
2-Nitroaniline
Concen: 40.142 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion: 65 Resp: 345821
Ion Ratio Lower Upper
65 100
92 68.0 51.6 77.4
138 101.9 73.0 109.6





#49

Acenaphthylene

Concen: 42.263 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140288.D

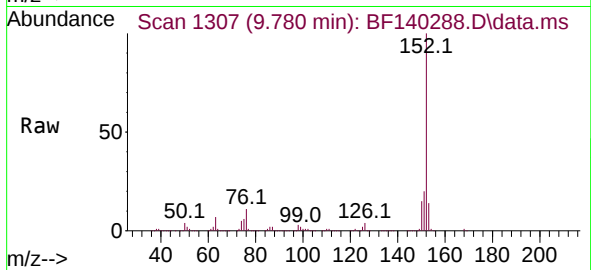
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



Tgt Ion:152 Resp: 154135

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

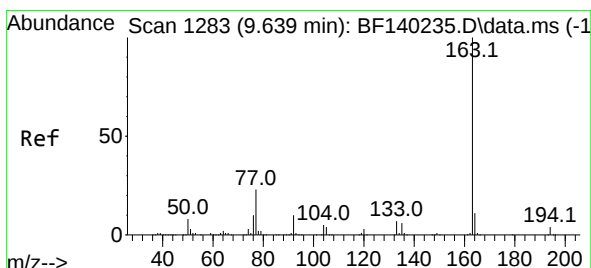
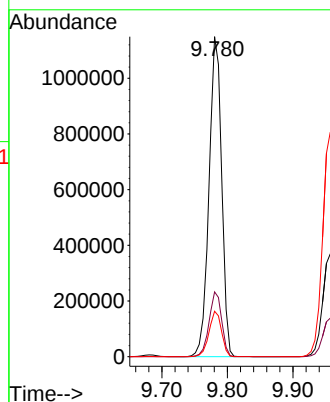
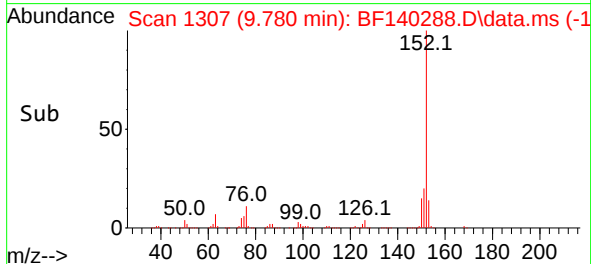
153 14.2 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#50

Dimethylphthalate

Concen: 42.349 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

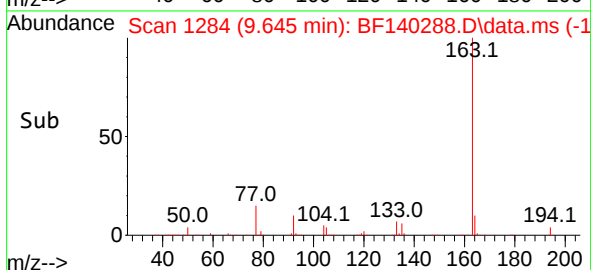
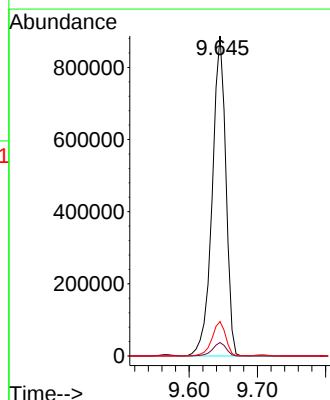
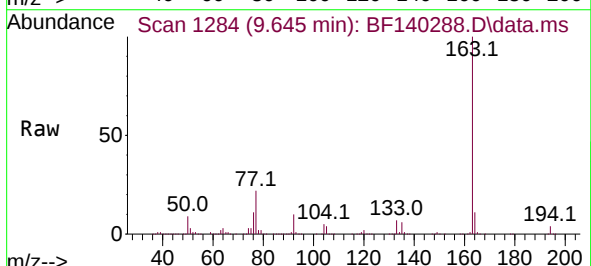
Tgt Ion:163 Resp: 1234962

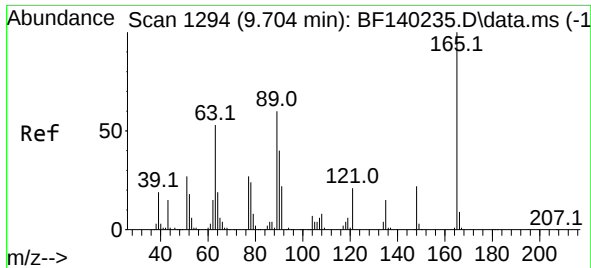
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 41.254 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

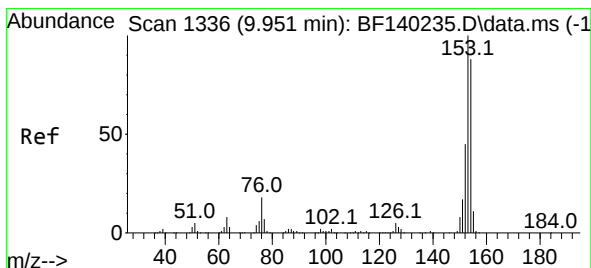
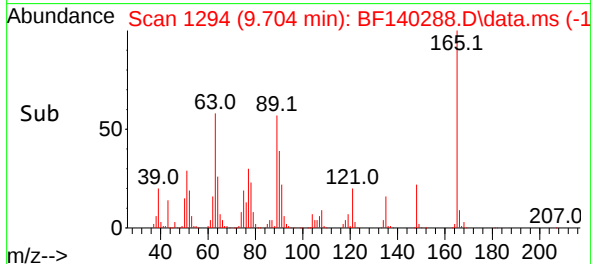
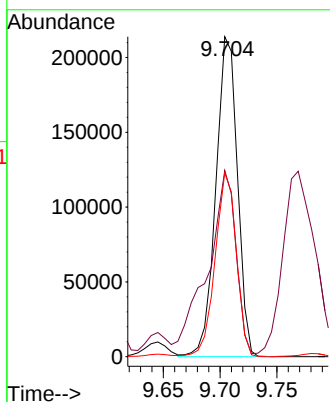
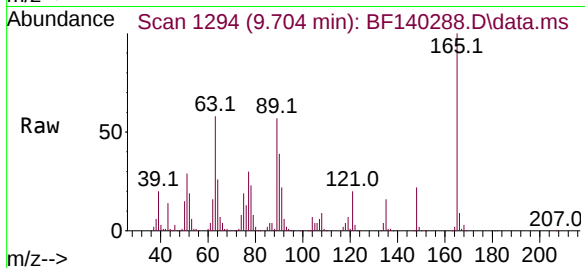
ClientSampleId :

PB164750BS

Tgt Ion:165 Resp: 28278
Ion Ratio Lower Upper
165 100
63 58.2 48.8 73.2
89 57.5 48.1 72.1

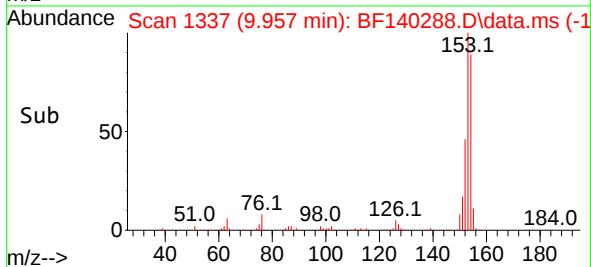
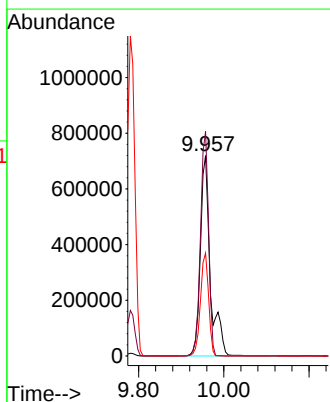
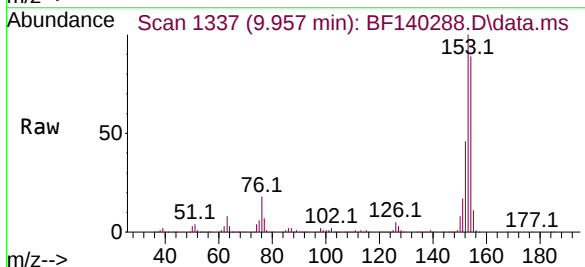
Manual Integrations
APPROVED

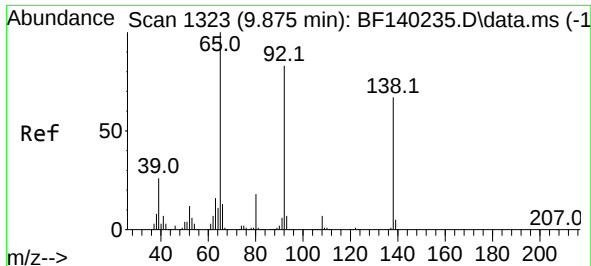
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 45.381 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:154 Resp: 1173915
Ion Ratio Lower Upper
154 100
153 112.1 91.3 136.9
152 51.4 41.4 62.2





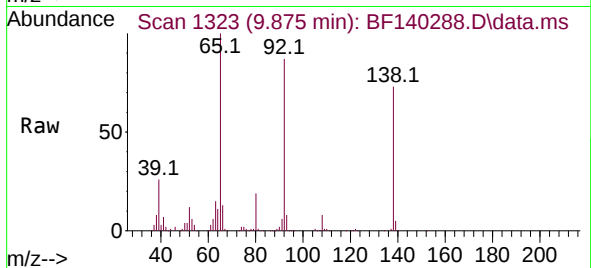
#53
3-Nitroaniline
Concen: 37.159 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



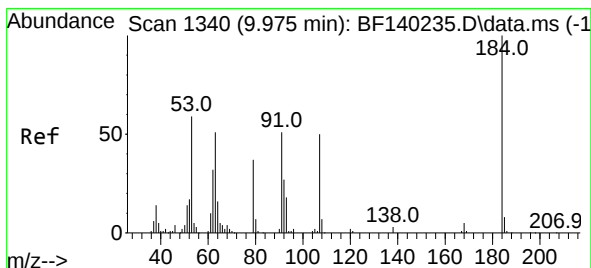
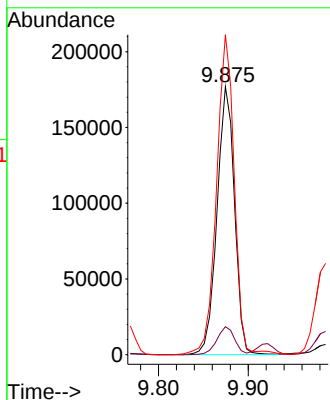
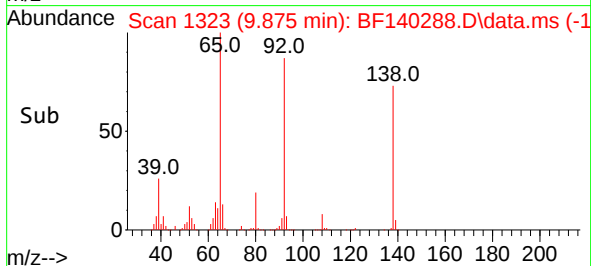
Tgt Ion:138 Resp: 23984
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 119.4 100.0 150.0

Manual Integrations

APPROVED

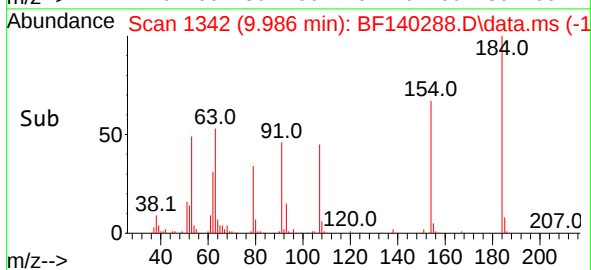
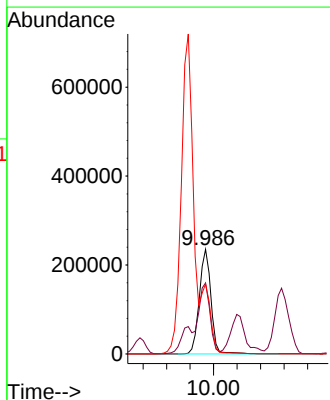
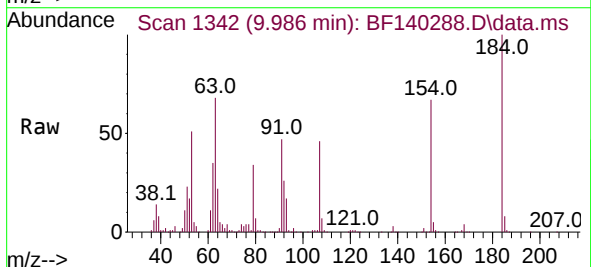
Reviewed By :Yogesh Patel 11/10/2024

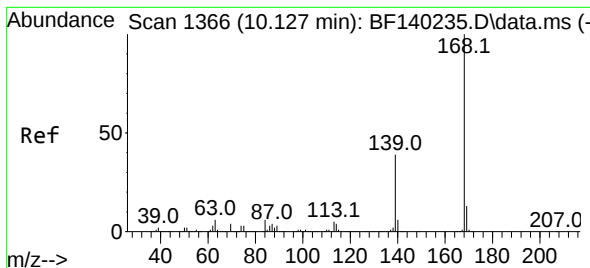
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 95.234 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

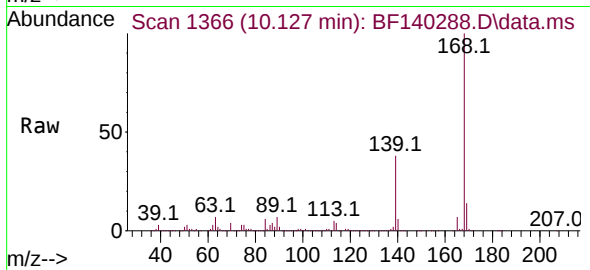
Tgt Ion:184 Resp: 324620
Ion Ratio Lower Upper
184 100
63 67.9 60.1 90.1
154 67.1 66.3 99.5





#55
Dibenzofuran
Concen: 40.145 ng
RT: 10.127 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

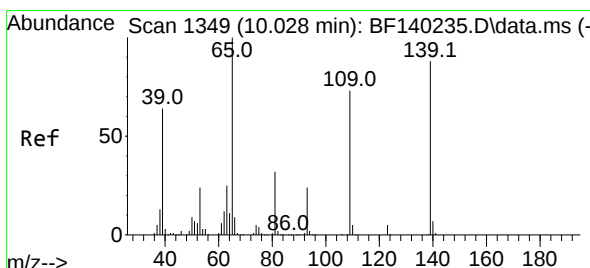
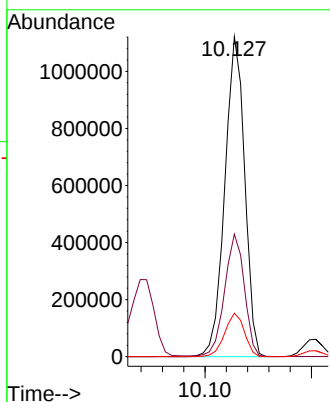
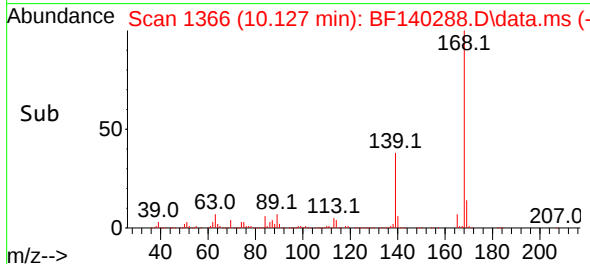
Instrument :
BNA_F
ClientSampleId :
PB164750BS



Tgt Ion:168 Resp: 145214
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.6 10.6 15.8

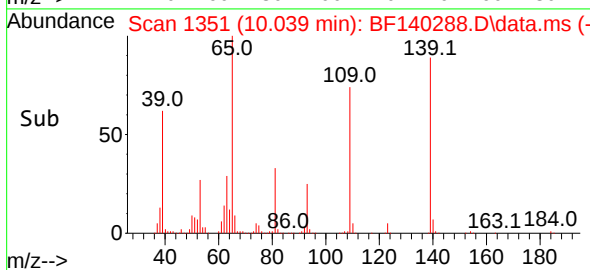
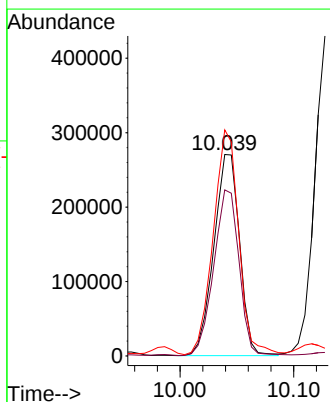
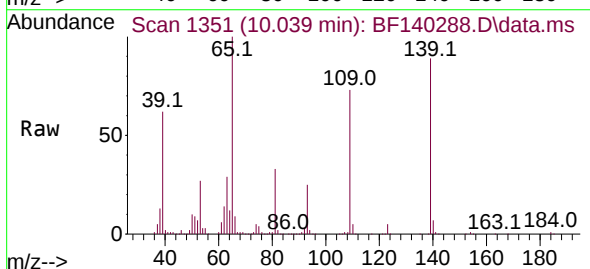
Manual Integrations
APPROVED

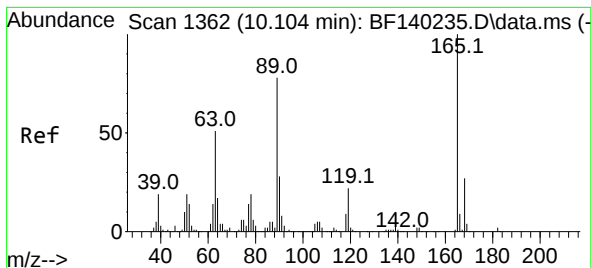
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 93.901 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:139 Resp: 426153
Ion Ratio Lower Upper
139 100
109 82.5 63.8 103.8
65 112.3 94.7 134.7





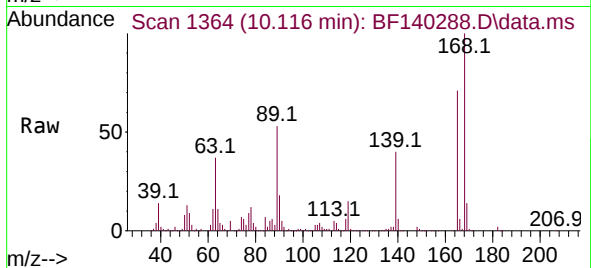
#57
2,4-Dinitrotoluene
Concen: 42.757 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

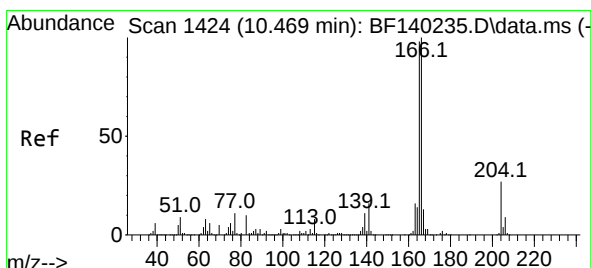
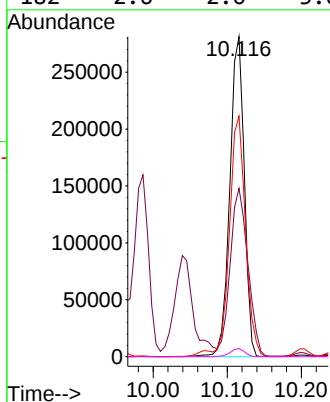
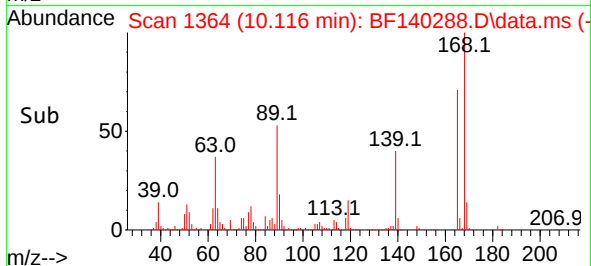


Tgt Ion:165 Resp: 38033
Ion Ratio Lower Upper
165 100
63 52.6 41.3 61.9
89 75.1 62.6 94.0
182 2.6 2.0 3.0

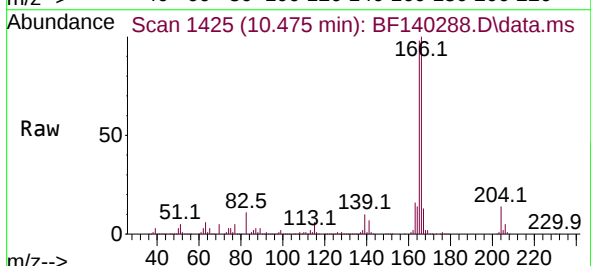
Manual Integrations

APPROVED

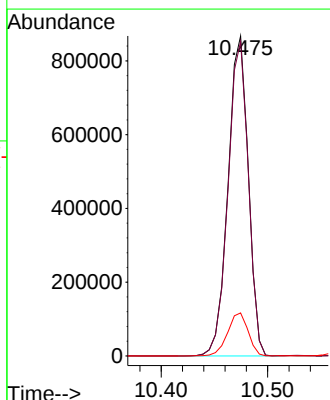
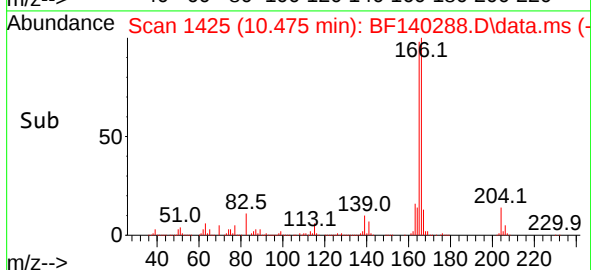
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

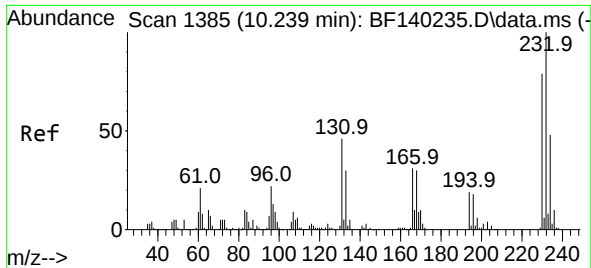


#58
Fluorene
Concen: 39.919 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:166 Resp: 1149420
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.432 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

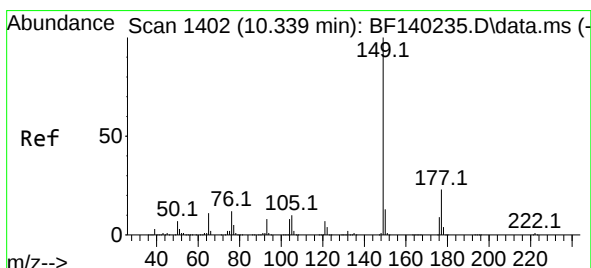
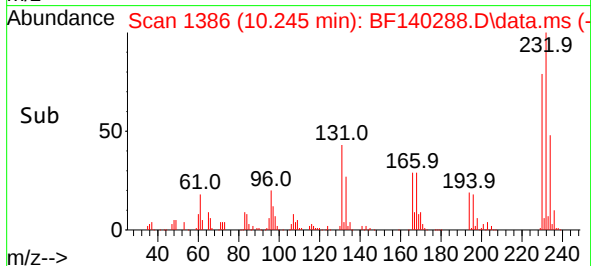
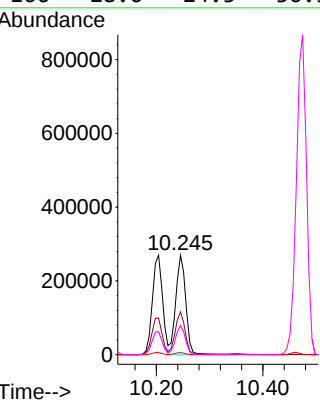
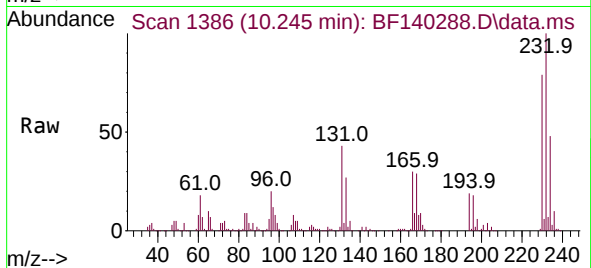
Tgt Ion:232 Resp: 35095
Ion Ratio Lower Upper
232 100
131 42.4 37.2 55.8
130 2.1 1.8 2.8
166 28.6 24.3 36.5

Manual Integrations

APPROVED

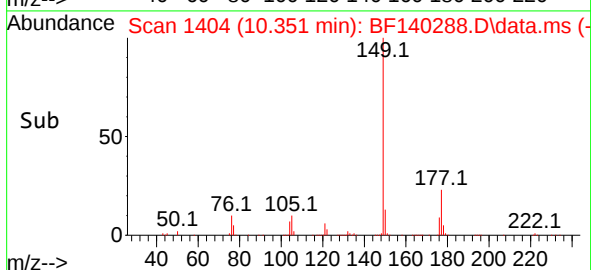
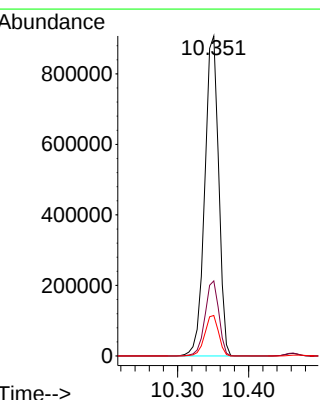
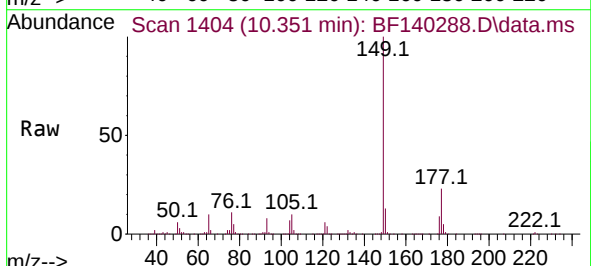
Reviewed By :Yogesh Patel 11/10/2024

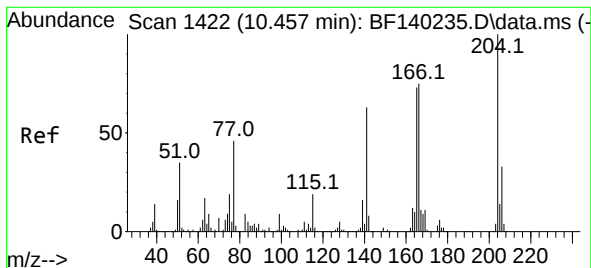
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 42.337 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:149 Resp: 1226888
Ion Ratio Lower Upper
149 100
177 23.5 18.1 27.1
150 12.7 10.2 15.4





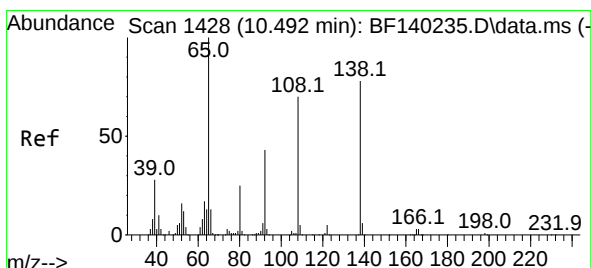
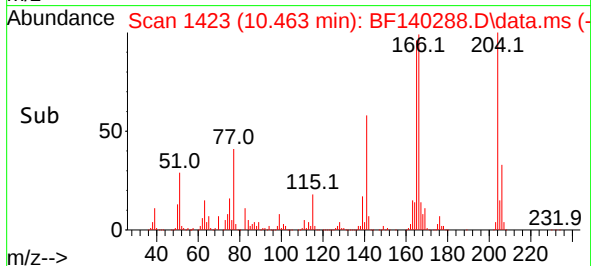
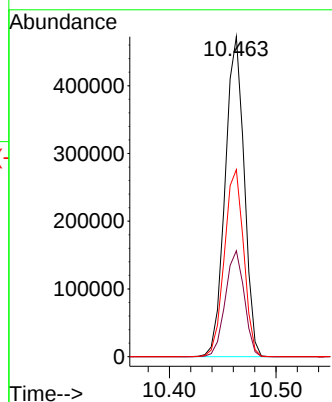
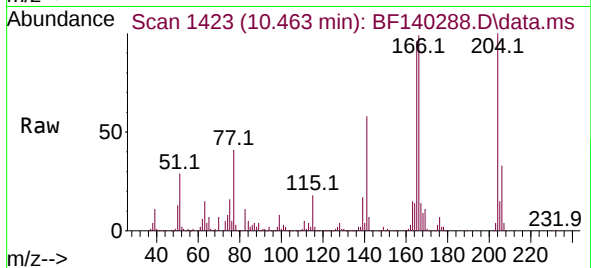
#61
4-Chlorophenyl-phenylether
Concen: 40.355 ng
RT: 10.463 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB164750BS

Tgt Ion:204 Resp: 585618
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 58.5 50.3 75.5

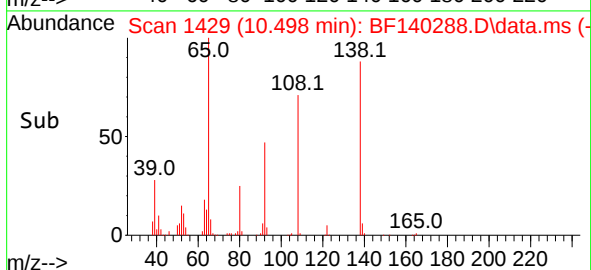
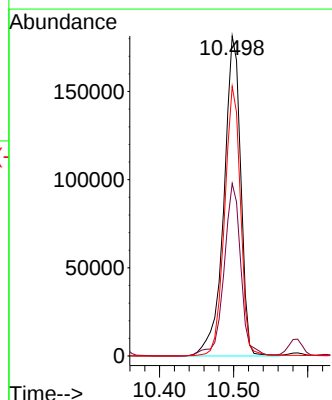
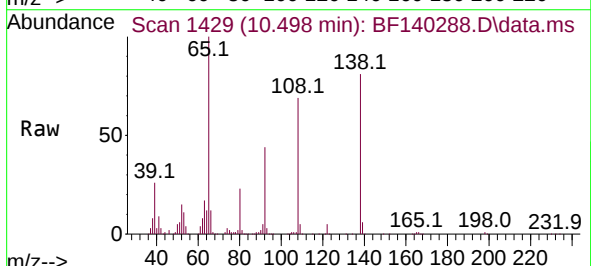
Manual Integrations
APPROVED

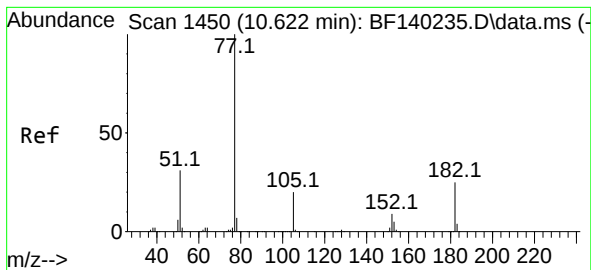
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#62
4-Nitroaniline
Concen: 44.663 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:138 Resp: 286478
Ion Ratio Lower Upper
138 100
92 53.9 35.3 75.3
108 84.2 70.1 110.1





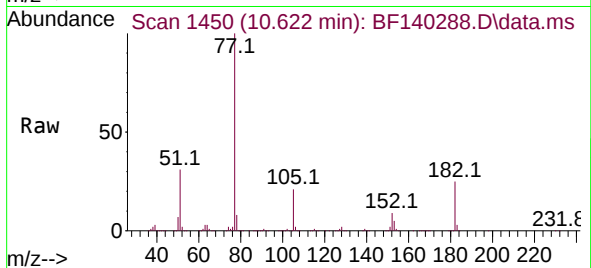
#63
Azobenzene
Concen: 40.279 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



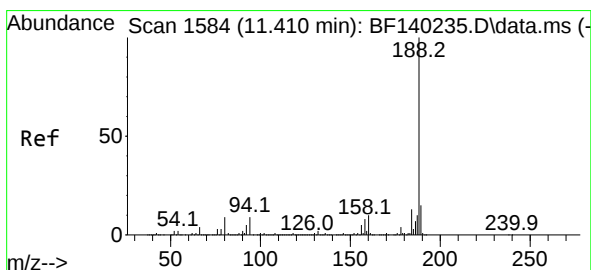
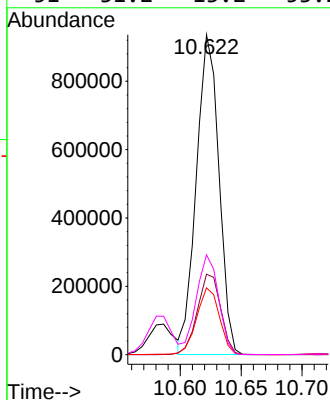
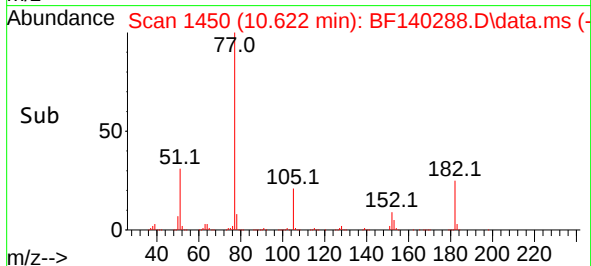
Tgt Ion: 77 Resp: 120998
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 20.9 0.0 40.0
51 31.2 13.2 53.2

Manual Integrations

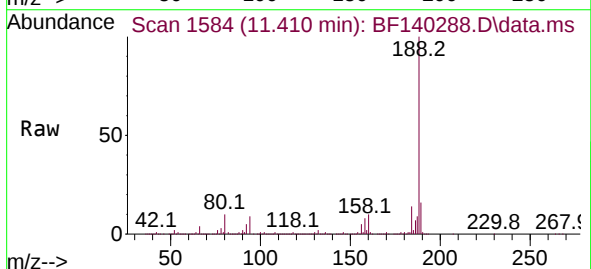
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

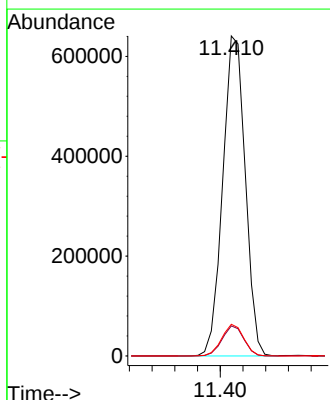
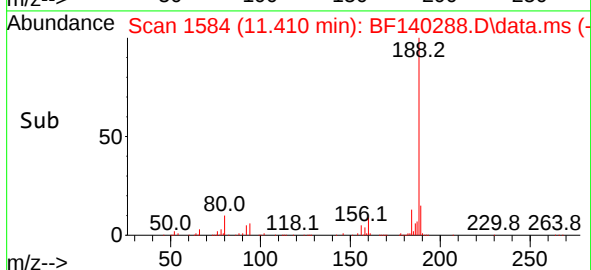
Supervised By :mohammad ahmed 11/11/2024

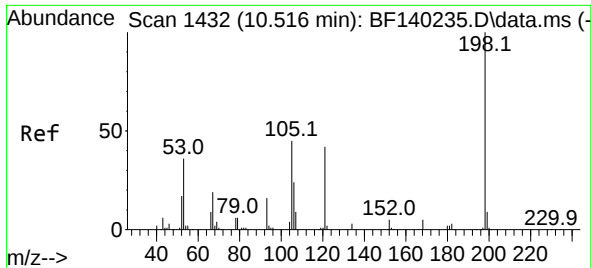


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28



Tgt Ion:188 Resp: 882492
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 9.9 7.5 11.3





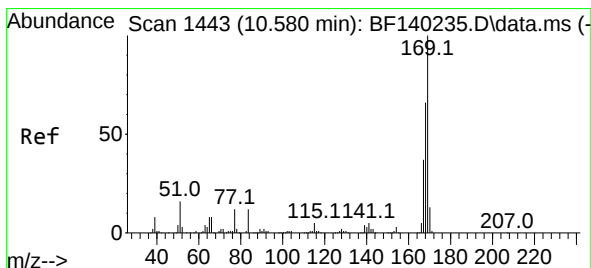
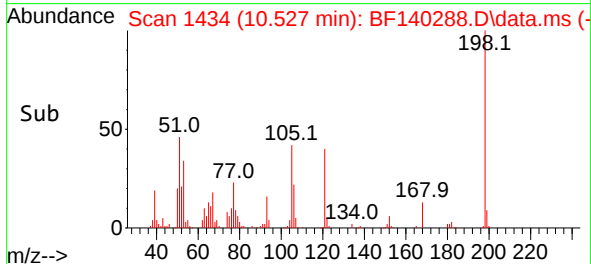
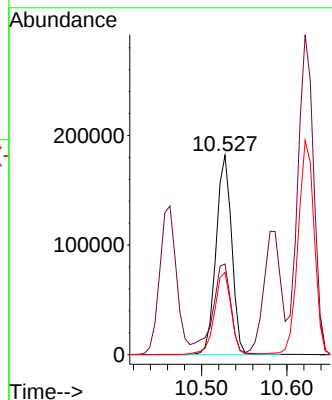
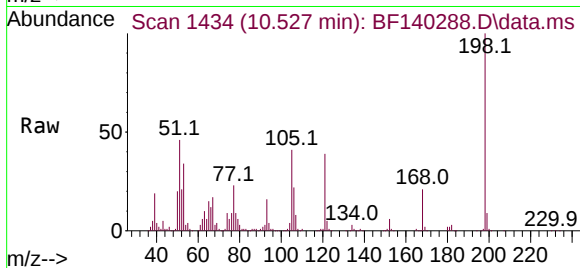
#65
4,6-Dinitro-2-methylphenol
Concen: 50.332 ng
RT: 10.527 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB164750BS

Tgt Ion:198 Resp: 233285
Ion Ratio Lower Upper
198 100
51 45.5 34.0 74.0
105 41.3 25.1 65.1

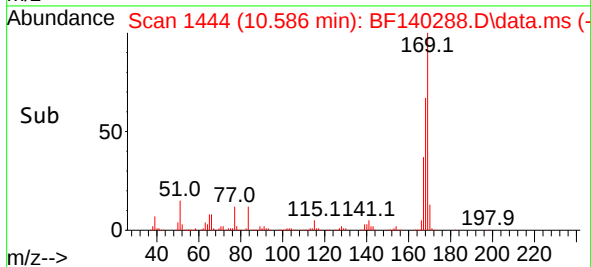
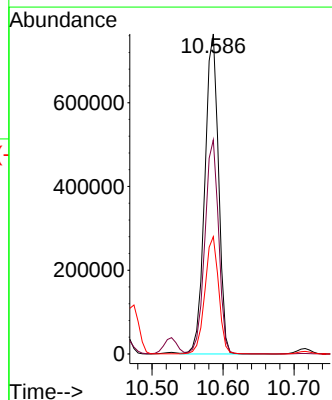
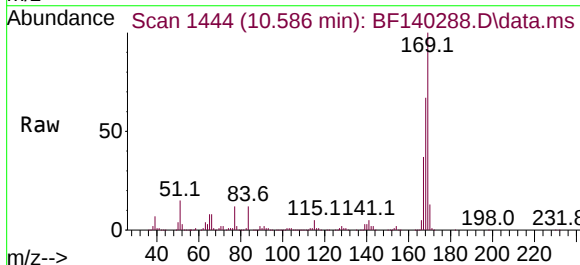
Manual Integrations
APPROVED

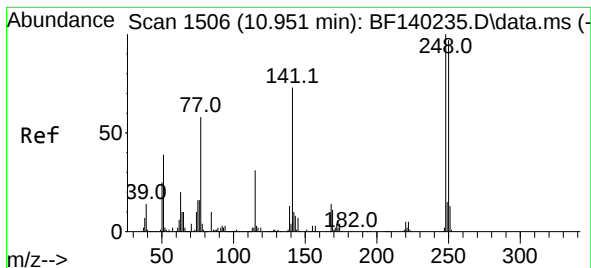
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 40.403 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:169 Resp: 1025499
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.6 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 42.064 ng
RT: 10.957 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

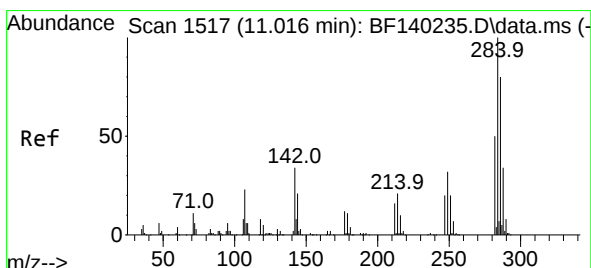
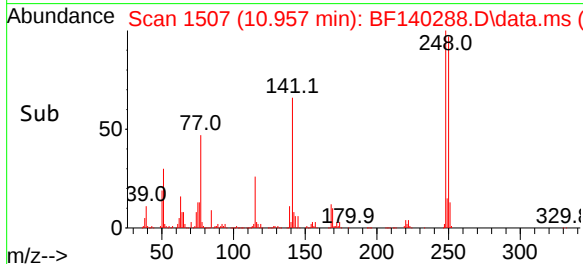
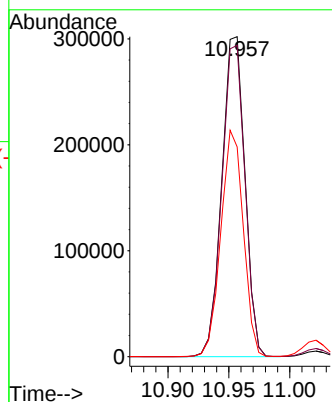
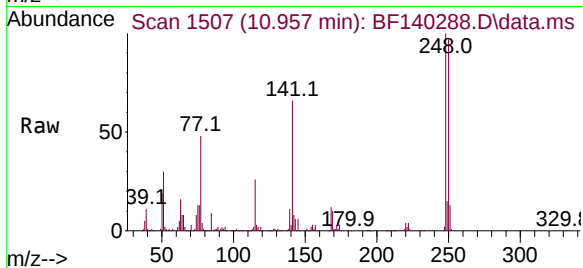
ClientSampleId :

PB164750BS

Tgt Ion:248 Resp: 39973
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 65.5 58.6 88.0

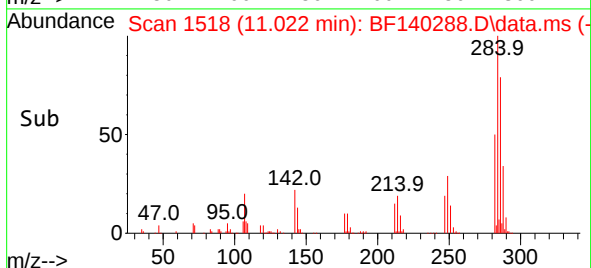
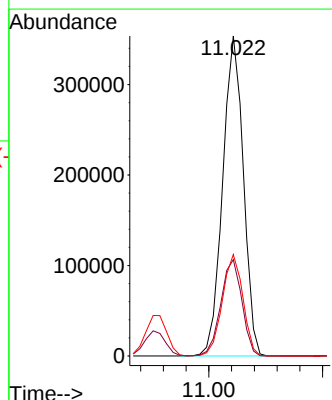
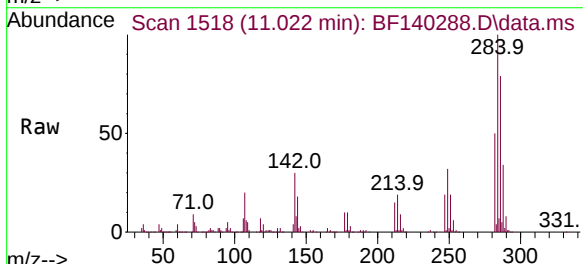
Manual Integrations
APPROVED

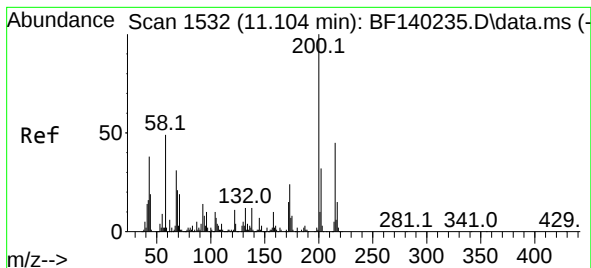
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 41.295 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:284 Resp: 447314
Ion Ratio Lower Upper
284 100
142 30.1 27.5 41.3
249 31.7 26.2 39.2





#69

Atrazine

Concen: 47.829 ng

RT: 11.110 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

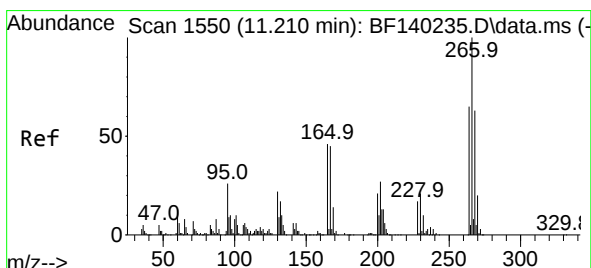
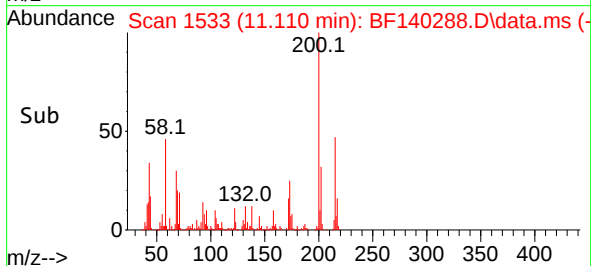
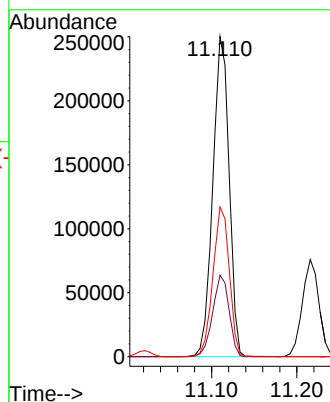
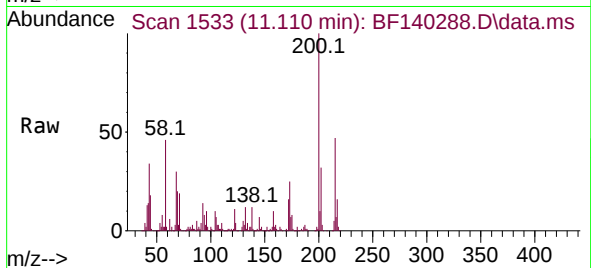
Tgt Ion:	200	Resp:	332139
Ion Ratio	Lower	Upper	
200	100		
173	25.5	4.4	44.4
215	46.7	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 93.134 ng

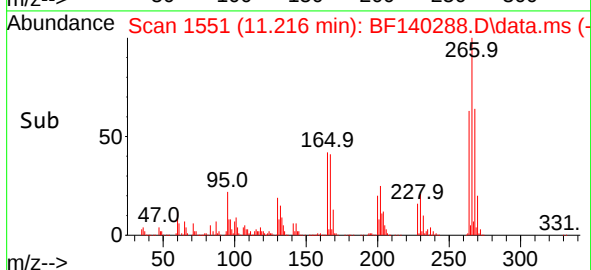
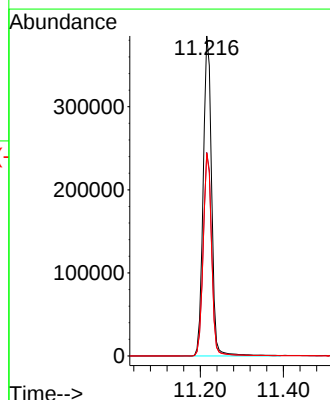
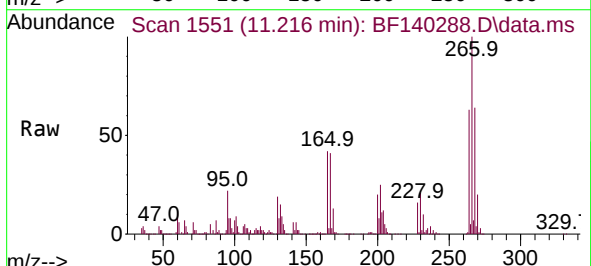
RT: 11.216 min Scan# 1551

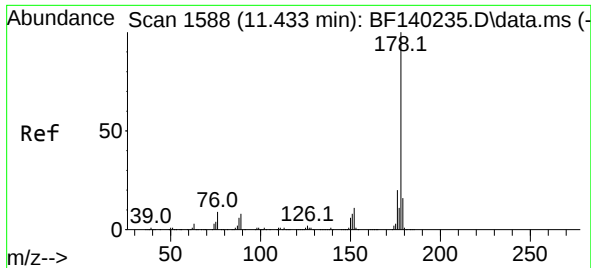
Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Tgt Ion:	266	Resp:	541719
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.2	75.4
264	63.3	52.2	78.4





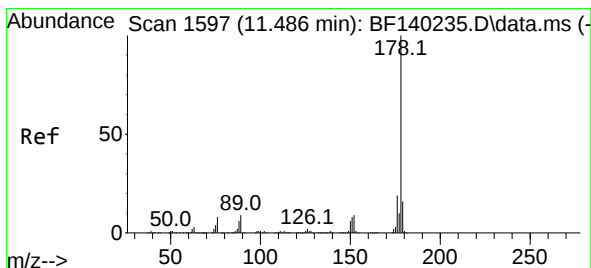
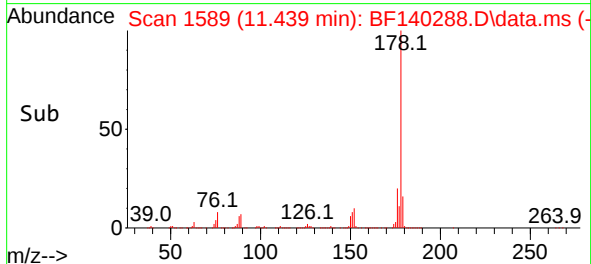
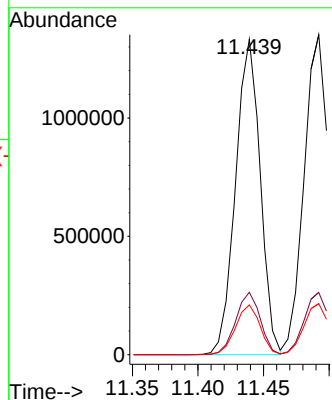
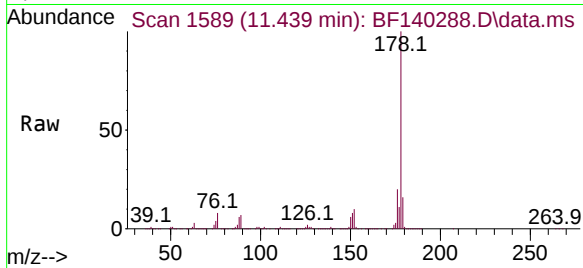
#71
Phenanthrene
Concen: 41.444 ng
RT: 11.439 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB164750BS

Tgt Ion:178 Resp: 174545
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.6 18.8

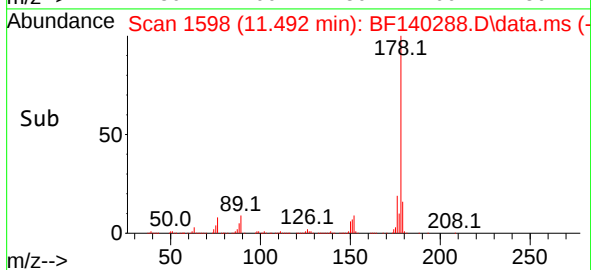
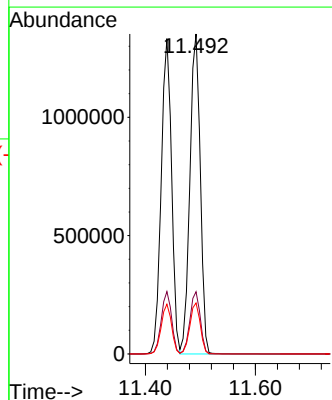
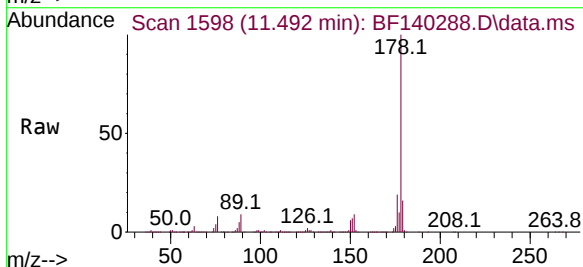
Manual Integrations
APPROVED

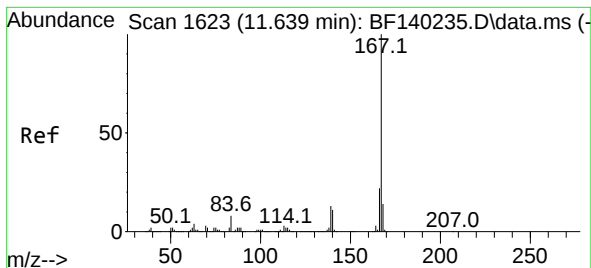
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#72
Anthracene
Concen: 42.809 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:178 Resp: 1767910
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 12.7 19.1





#73

Carbazole

Concen: 41.017 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

Tgt Ion:167 Resp: 1547770

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

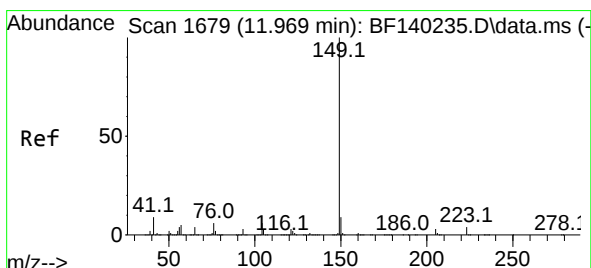
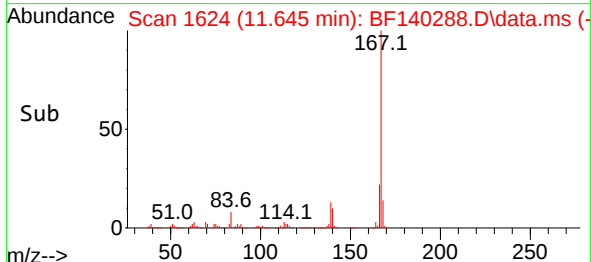
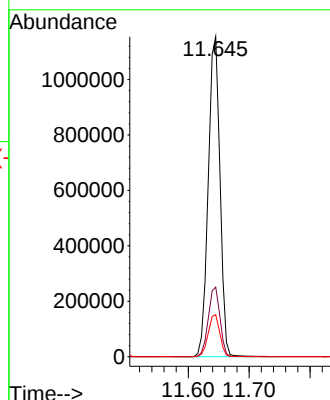
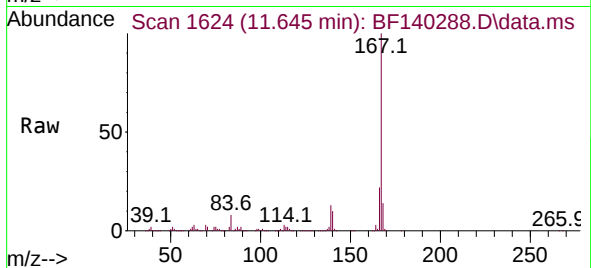
139 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#74

Di-n-butylphthalate

Concen: 42.591 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

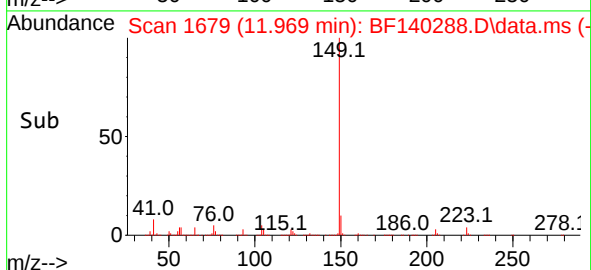
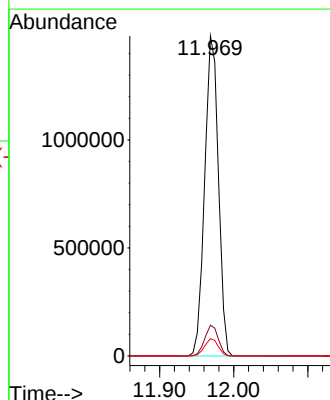
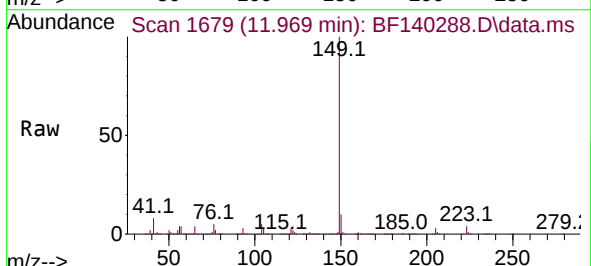
Tgt Ion:149 Resp: 1902404

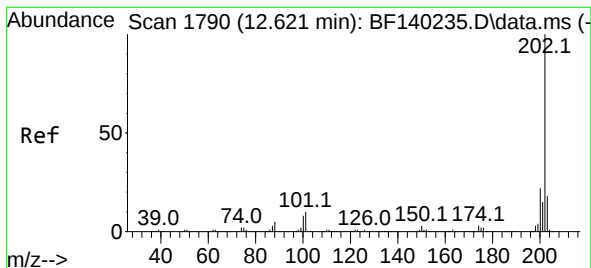
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 41.844 ng

RT: 12.627 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

Tgt Ion:202 Resp: 184269

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.4

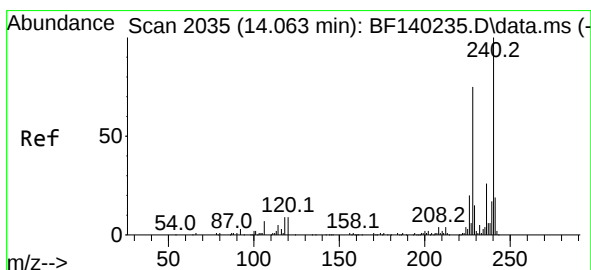
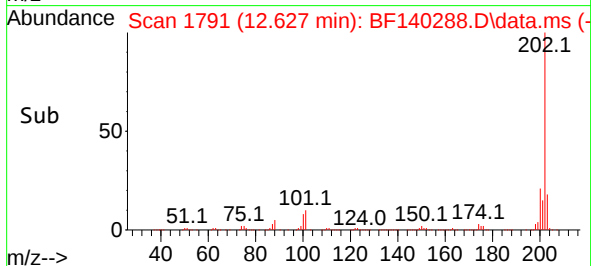
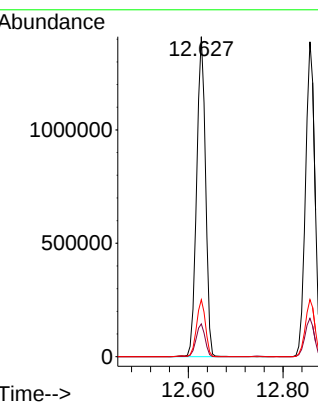
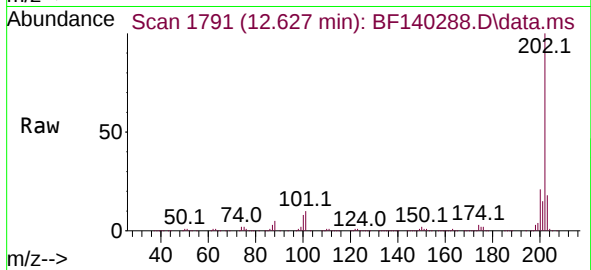
203 17.8 0.0 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

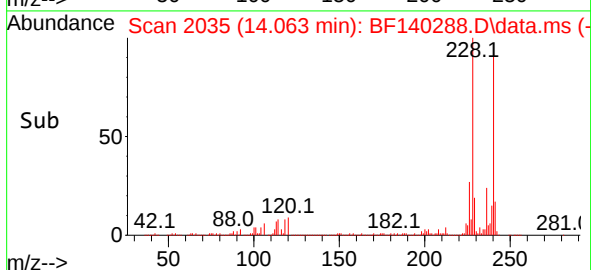
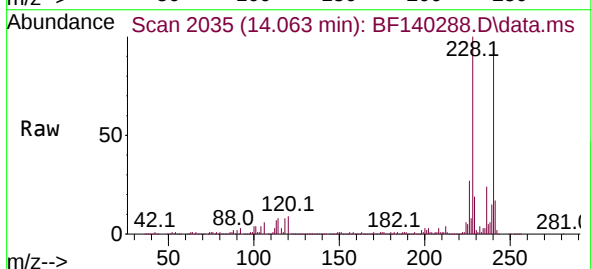
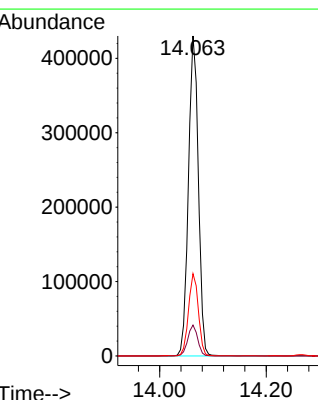
Tgt Ion:240 Resp: 554441

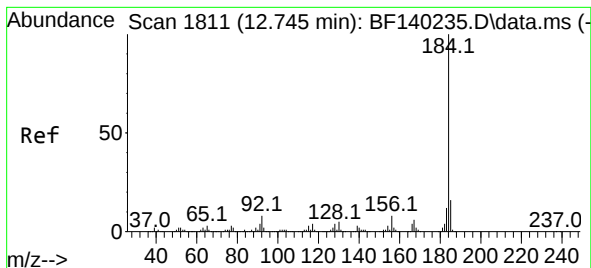
Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

236 25.7 20.9 31.3





#77

Benzidine

Concen: 44.798 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF140288.D

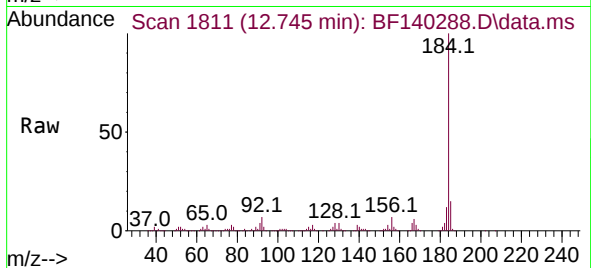
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



Tgt Ion:184 Resp: 485628

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

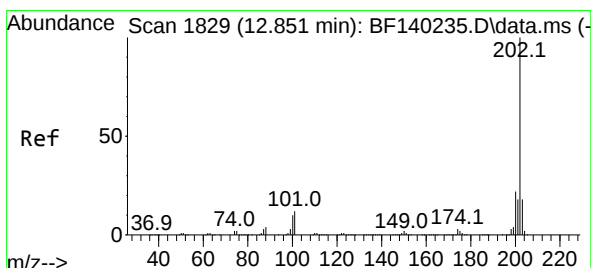
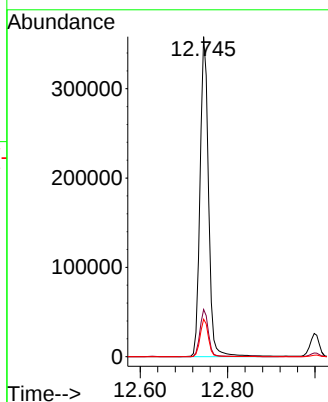
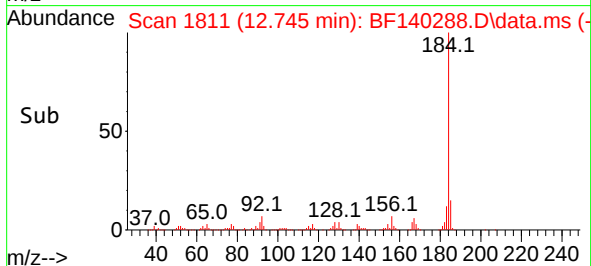
183 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 40.939 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

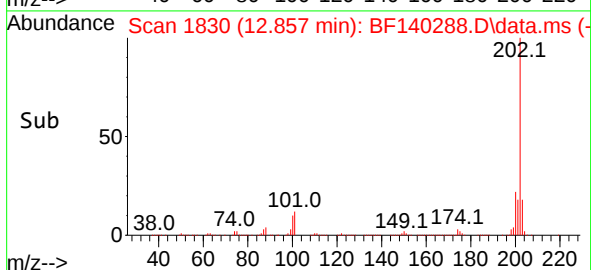
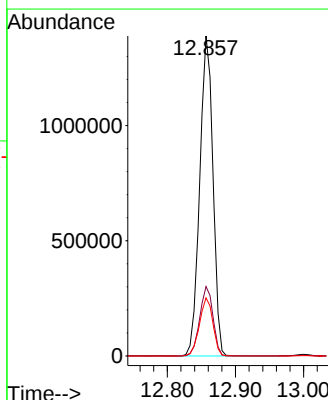
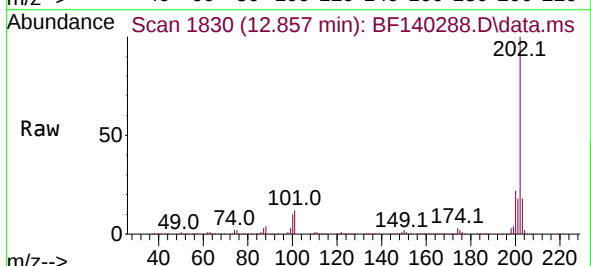
Tgt Ion:202 Resp: 1874116

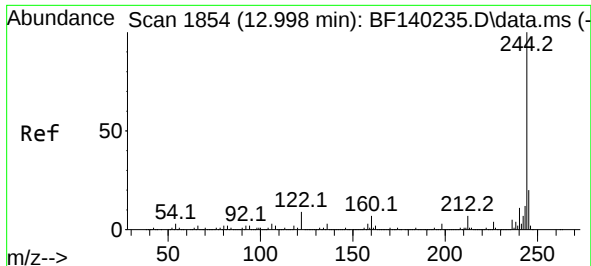
Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

203 18.1 14.4 21.6





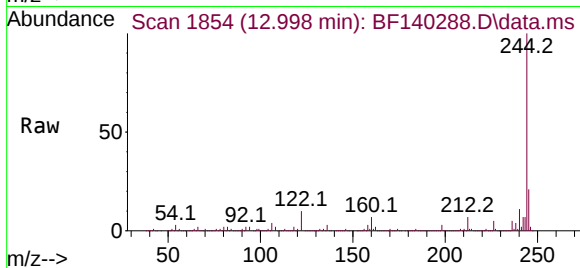
#79
 Terphenyl-d14
 Concen: 84.499 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140288.D
 Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



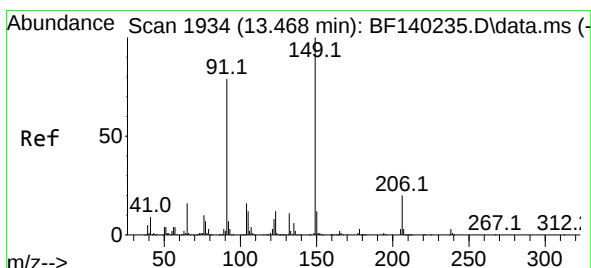
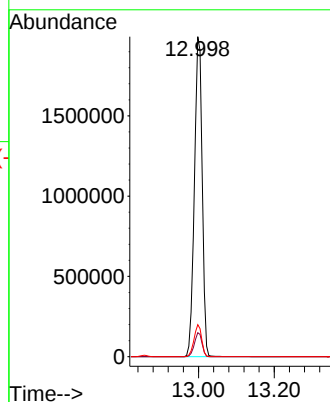
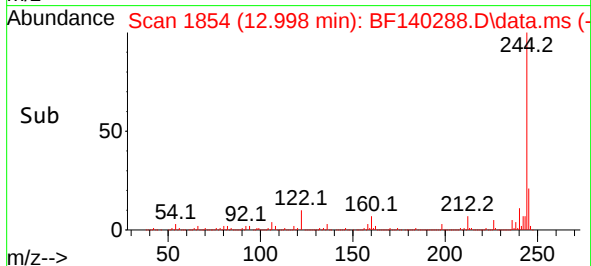
Tgt Ion:244 Resp: 285994
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.0 7.6 11.4

Manual Integrations

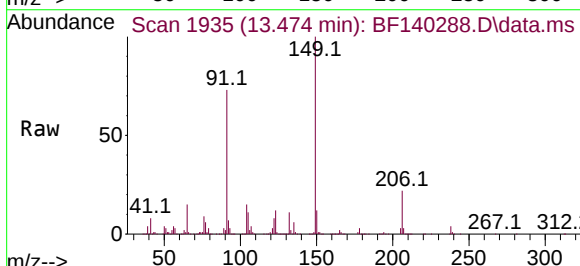
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

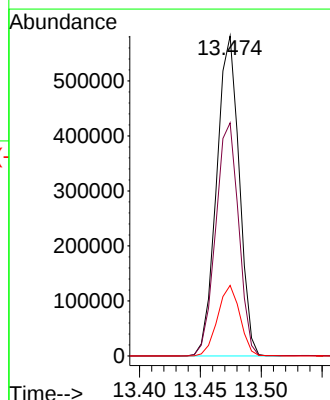
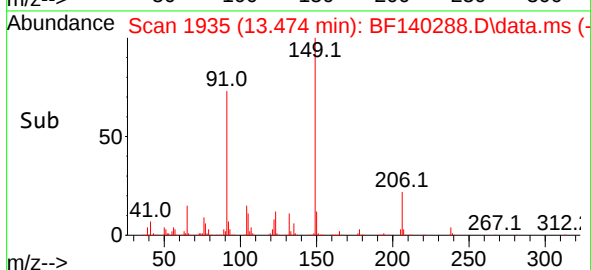
Supervised By :mohammad ahmed 11/11/2024

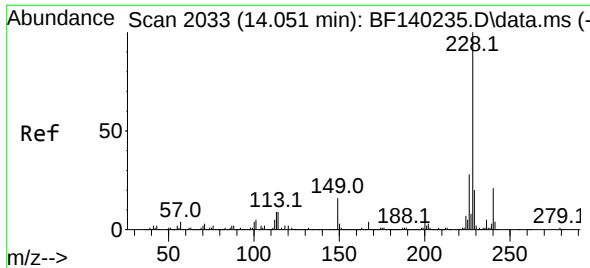


#80
 Butylbenzylphthalate
 Concen: 45.539 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.006 min
 Lab File: BF140288.D
 Acq: 08 Nov 2024 10:28



Tgt Ion:149 Resp: 750677
 Ion Ratio Lower Upper
 149 100
 91 72.9 63.0 94.4
 206 22.1 16.4 24.6





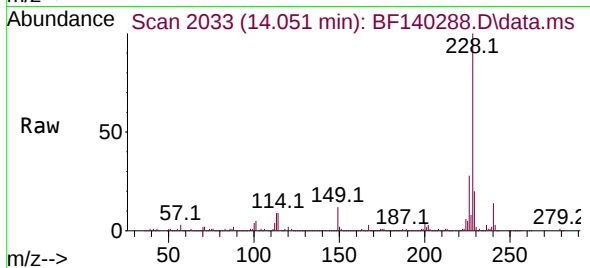
#81
Benzo(a)anthracene
Concen: 42.081 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



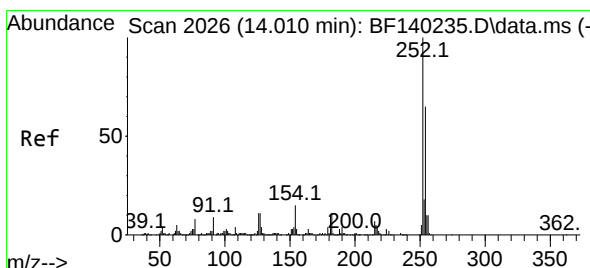
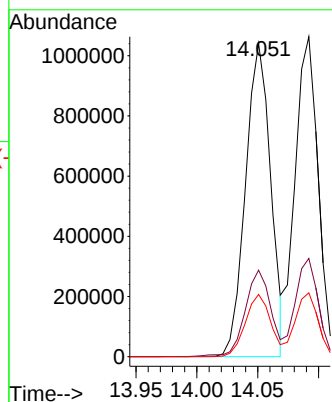
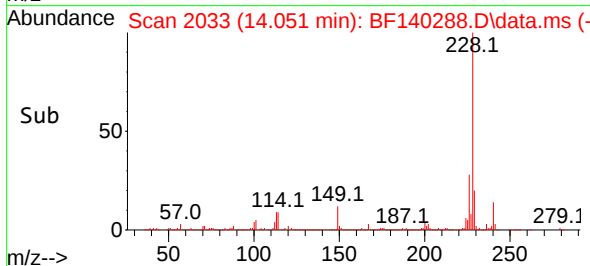
Tgt Ion:228 Resp: 149729
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.9 16.1 24.1

Manual Integrations

APPROVED

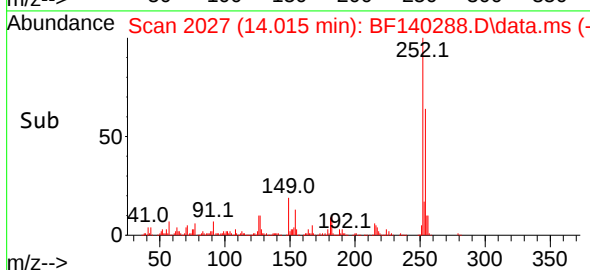
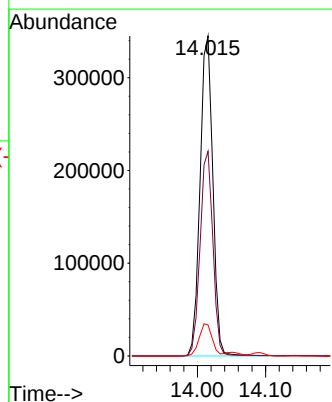
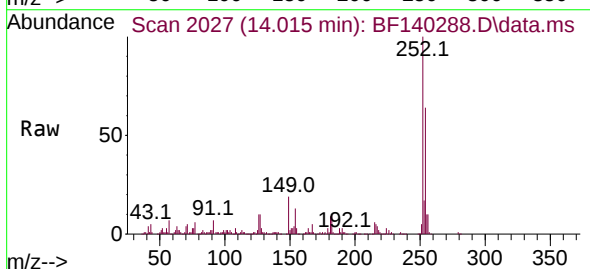
Reviewed By :Yogesh Patel 11/10/2024

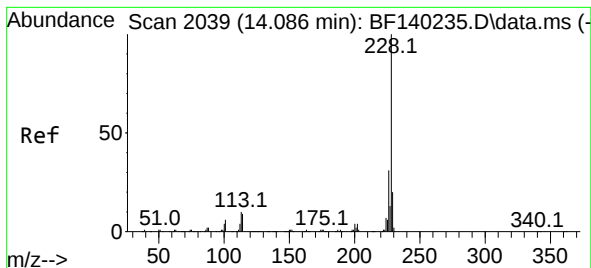
Supervised By :mohammad ahmed 11/11/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.215 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:252 Resp: 449354
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 9.7 8.6 12.8





#83

Chrysene

Concen: 42.096 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS

Tgt Ion:228 Resp: 1402669

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

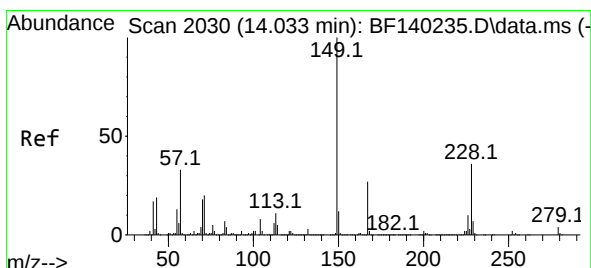
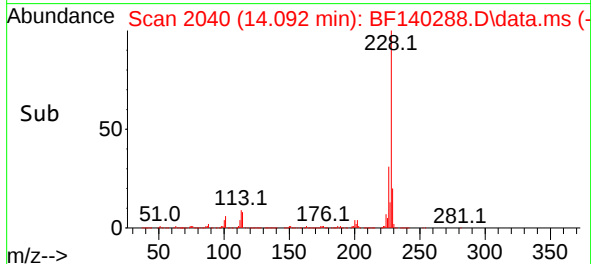
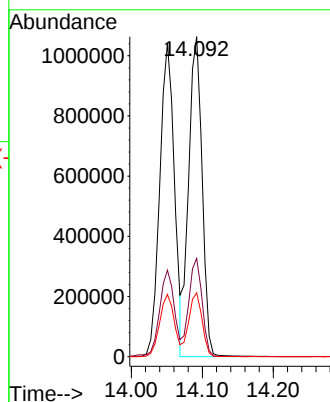
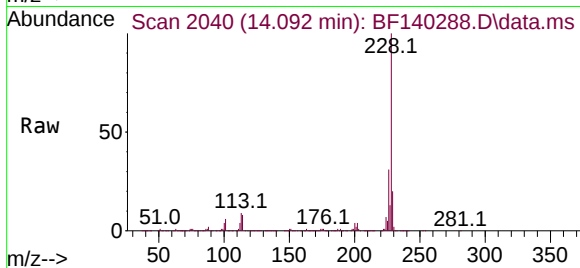
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.733 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

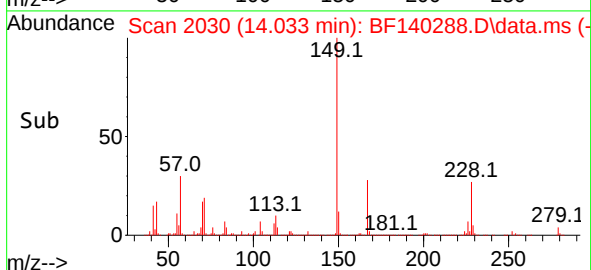
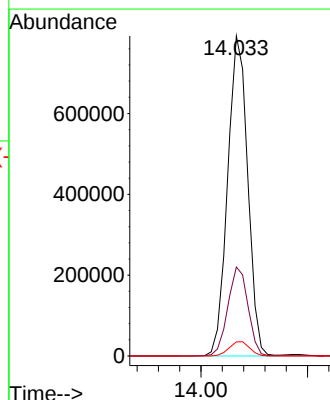
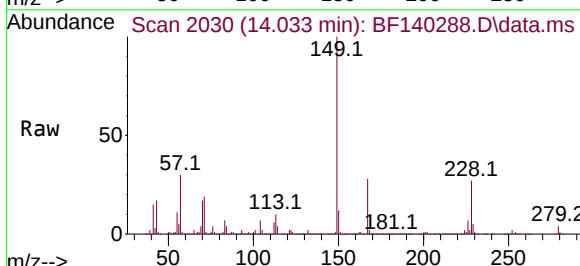
Tgt Ion:149 Resp: 1033489

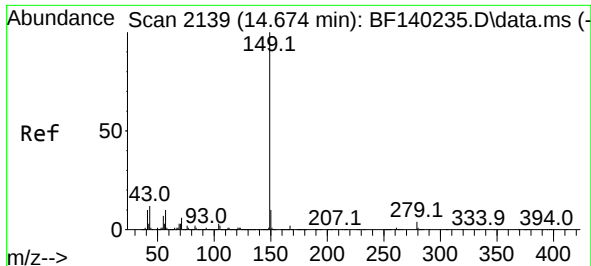
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.4 3.2 4.8





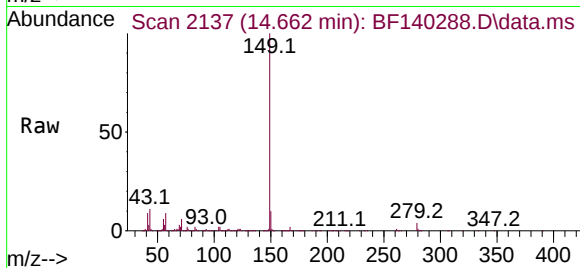
#85
Di-n-octyl phthalate
Concen: 44.874 ng
RT: 14.662 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

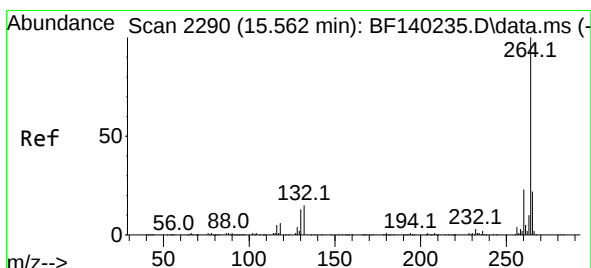
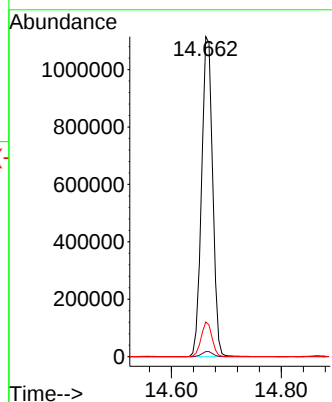
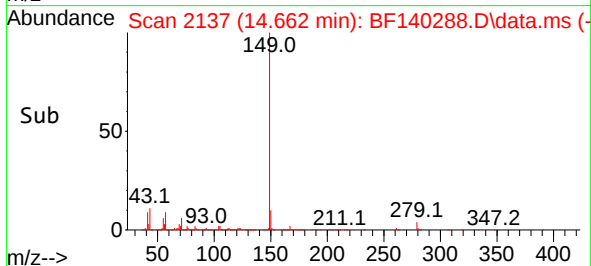
PB164750BS



Tgt Ion:149 Resp: 1560464
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 9.7 14.5

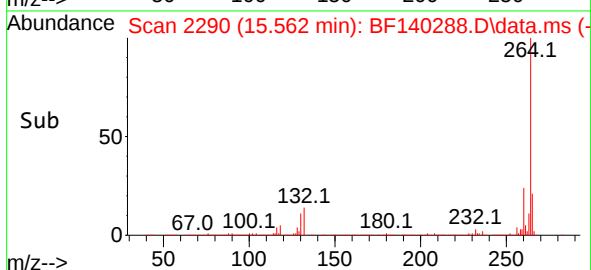
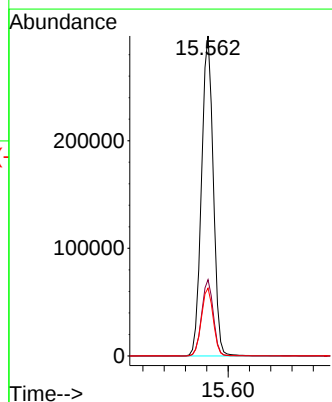
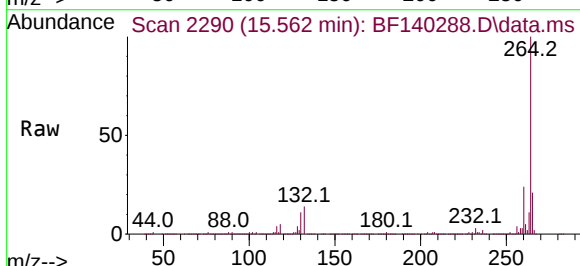
Manual Integrations
APPROVED

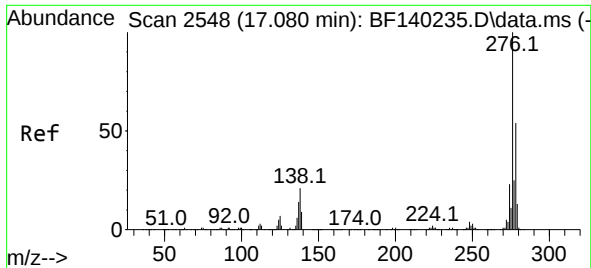
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:264 Resp: 455207
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.2 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.758 ng
RT: 17.080 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

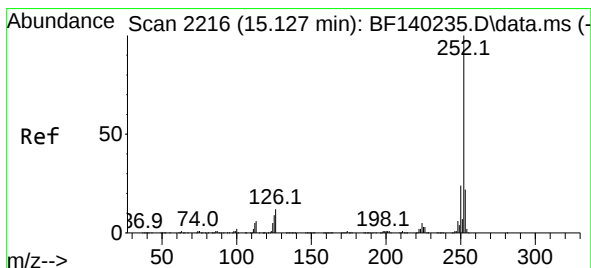
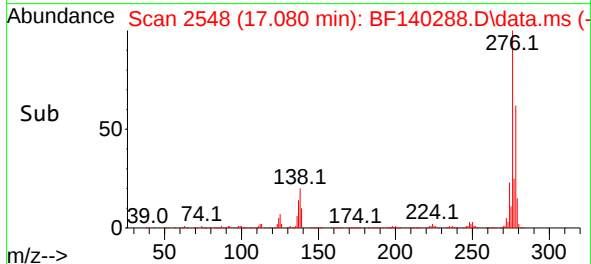
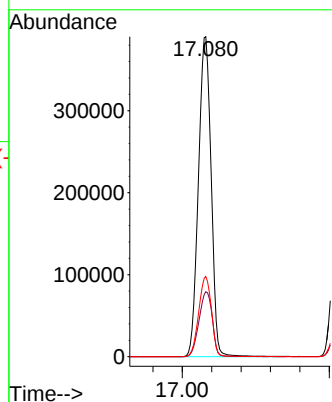
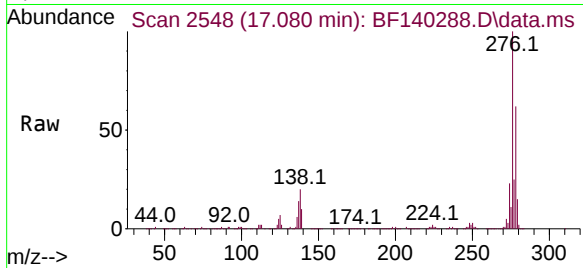
PB164750BS

Tgt Ion:276 Resp: 116924
Ion Ratio Lower Upper
276 100
138 21.1 17.6 26.4
277 25.2 20.2 30.2

Manual Integrations

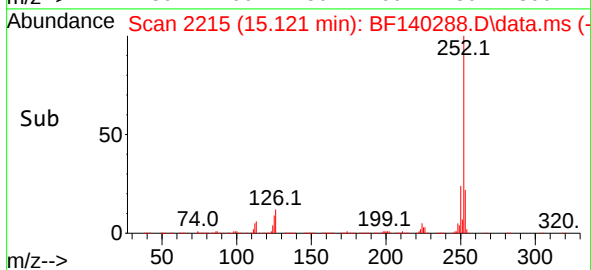
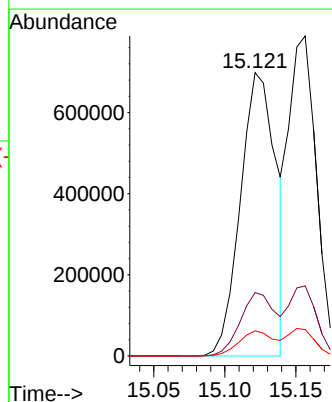
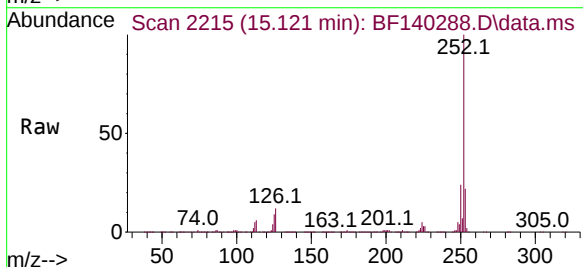
APPROVED

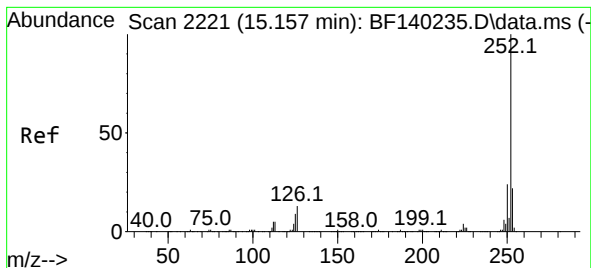
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#88
Benzo(b)fluoranthene
Concen: 44.118 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:252 Resp: 1214774
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.478 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140288.D

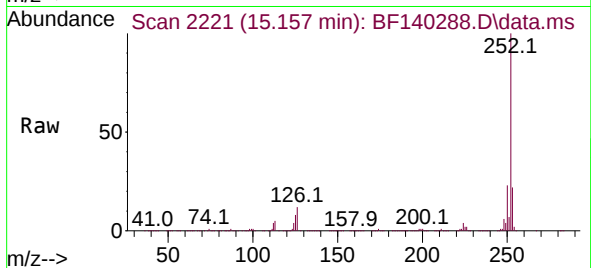
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164750BS



Tgt Ion:252 Resp: 1073254

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

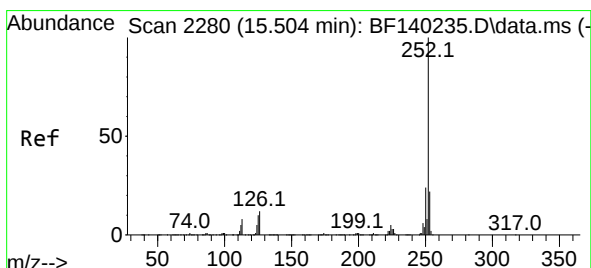
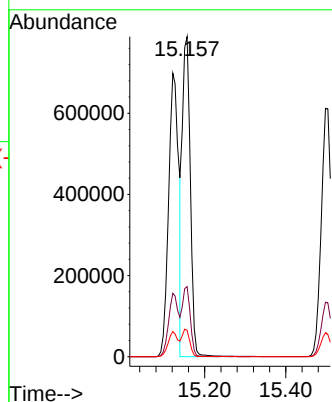
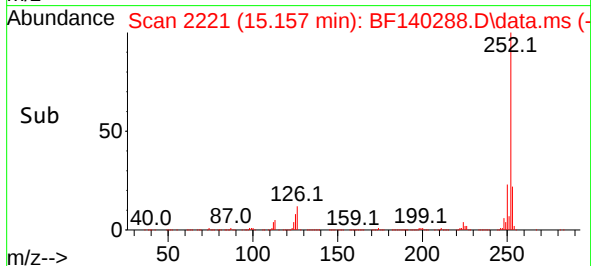
125 8.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#90

Benzo(a)pyrene

Concen: 46.058 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF140288.D

Acq: 08 Nov 2024 10:28

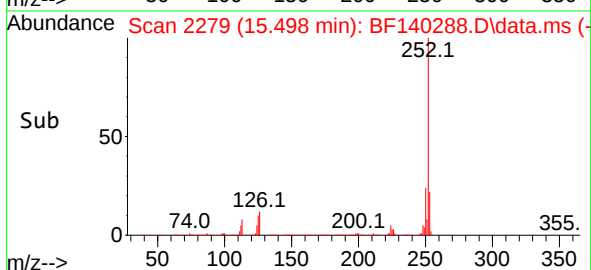
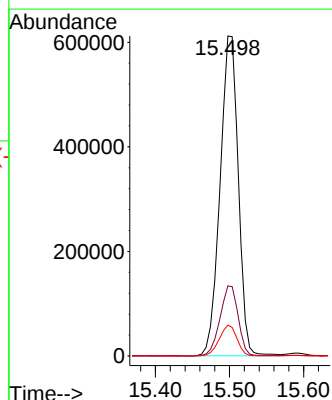
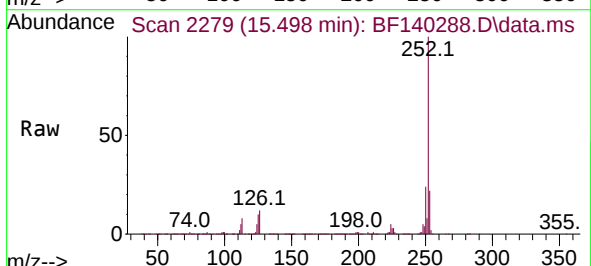
Tgt Ion:252 Resp: 1045593

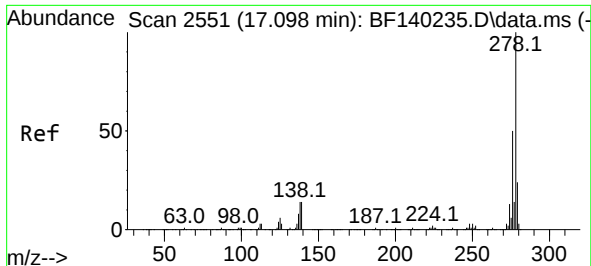
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.7 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 43.051 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

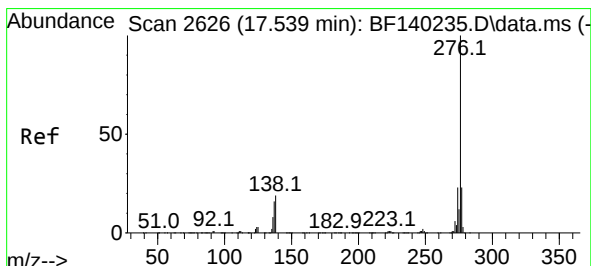
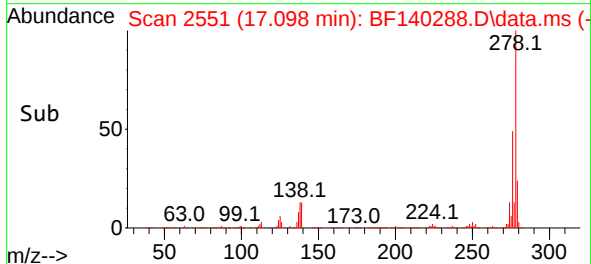
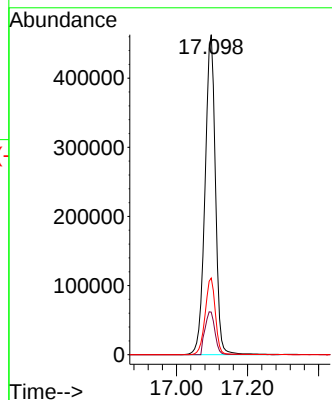
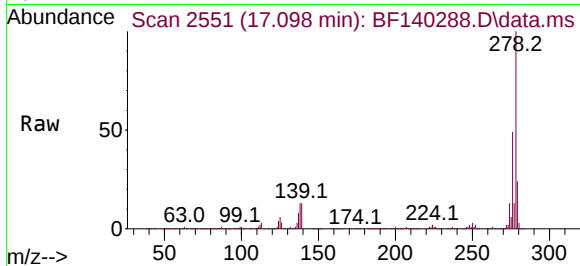
PB164750BS

Tgt Ion:278 Resp: 946410
Ion Ratio Lower Upper
278 100
139 13.3 11.1 16.7
279 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#92
Benzo(g,h,i)perylene
Concen: 39.042 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF140288.D
Acq: 08 Nov 2024 10:28

Tgt Ion:276 Resp: 875549
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.8 15.3 22.9

