

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140320.D
 Acq On : 11 Nov 2024 16:30
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 00:07:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 12 00:05:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	187985	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	692596	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	382178	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	717710	20.000	ng	0.00
76) Chrysene-d12	14.057	240	420185	20.000	ng	0.00
86) Perylene-d12	15.551	264	376807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	868920	79.858	ng	0.00
7) Phenol-d6	6.510	99	1121922	77.597	ng	0.00
23) Nitrobenzene-d5	7.445	82	1061673	79.578	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	293118	78.945	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1806145	74.613	ng	0.00
79) Terphenyl-d14	12.992	244	1870993	76.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	195781	40.009	ng	99
3) Pyridine	3.410	79	489299	41.493	ng	99
4) n-Nitrosodimethylamine	3.369	42	255556	41.311	ng	100
6) Aniline	6.545	93	519447	40.722	ng	99
8) 2-Chlorophenol	6.663	128	456513	39.518	ng	97
9) Benzaldehyde	6.428	77	332377	38.471	ng	99
10) Phenol	6.522	94	602338	39.274	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	455915	38.790	ng	100
12) 1,3-Dichlorobenzene	6.822	146	516118	39.632	ng	99
13) 1,4-Dichlorobenzene	6.898	146	511501	38.959	ng	99
14) 1,2-Dichlorobenzene	7.051	146	470465	38.769	ng	100
15) Benzyl Alcohol	7.016	79	426757	39.916	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	640798	39.835	ng	99
17) 2-Methylphenol	7.128	107	379638	40.048	ng	99
18) Hexachloroethane	7.392	117	194149	39.458	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	336737	38.242	ng	99
20) 3+4-Methylphenols	7.281	107	458549	38.612	ng	98
22) Acetophenone	7.286	105	620072	38.546	ng	100
24) Nitrobenzene	7.463	77	550036	39.388	ng	99
25) Isophorone	7.698	82	911740	39.233	ng	100
26) 2-Nitrophenol	7.775	139	245978	41.177	ng	99
27) 2,4-Dimethylphenol	7.810	122	309904	39.691	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	556607	39.138	ng	100
29) 2,4-Dichlorophenol	8.016	162	379183	39.552	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	423383	39.166	ng	99
31) Naphthalene	8.180	128	1347972	38.829	ng	100
32) Benzoic acid	7.939	122	299274	44.452	ng	99
33) 4-Chloroaniline	8.228	127	461811	38.457	ng	98
34) Hexachlorobutadiene	8.298	225	269023	38.623	ng	99
35) Caprolactam	8.610	113	127062m	40.826	ng	
36) 4-Chloro-3-methylphenol	8.710	107	420211	39.759	ng	100
37) 2-Methylnaphthalene	8.869	142	859034	38.884	ng	99
38) 1-Methylnaphthalene	8.969	142	842732	39.067	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	411310	38.374	ng	100
41) Hexachlorocyclopentadiene	9.022	237	111714	41.868	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	281685	40.291	ng	100

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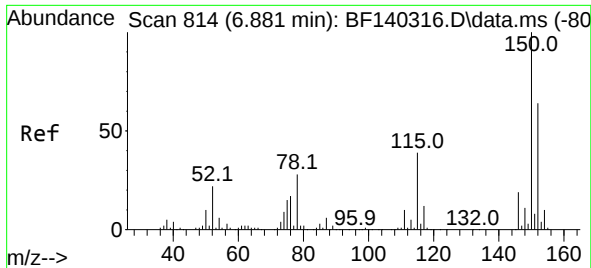
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 00:07:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	298340	39.393	ng	97
46) 1,1'-Biphenyl	9.333	154	1070498	38.199	ng	100
47) 2-Chloronaphthalene	9.363	162	813797	37.949	ng	99
48) 2-Nitroaniline	9.457	65	288073	40.543	ng	99
49) Acenaphthylene	9.780	152	1238057	38.418	ng	100
50) Dimethylphthalate	9.639	163	965100	38.886	ng	100
51) 2,6-Dinitrotoluene	9.698	165	225949	40.459	ng	99
52) Acenaphthene	9.951	154	854819	39.165	ng	99
53) 3-Nitroaniline	9.869	138	237053	40.117	ng	99
54) 2,4-Dinitrophenol	9.980	184	119577	42.320	ng	97
55) Dibenzofuran	10.122	168	1180844	38.748	ng	100
56) 4-Nitrophenol	10.027	139	178966	42.438	ng	96
57) 2,4-Dinitrotoluene	10.104	165	297548	40.459	ng	99
58) Fluorene	10.469	166	914233	38.189	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	241759	40.125	ng	99
60) Diethylphthalate	10.333	149	977376	38.666	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	459700	38.578	ng	99
62) 4-Nitroaniline	10.486	138	242711	41.039	ng	99
63) Azobenzene	10.616	77	989759	39.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	162359	43.232	ng	99
66) n-Nitrosodiphenylamine	10.574	169	801852	38.315	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	274541	38.177	ng	98
68) Hexachlorobenzene	11.016	284	312840	38.842	ng	100
69) Atrazine	11.104	200	210741	40.422	ng	98
70) Pentachlorophenol	11.210	266	190206	42.228	ng	99
71) Phenanthrene	11.433	178	1274347	37.784	ng	99
72) Anthracene	11.480	178	1270572	38.534	ng	100
73) Carbazole	11.639	167	1244550	38.543	ng	100
74) Di-n-butylphthalate	11.963	149	1511925	39.125	ng	100
75) Fluoranthene	12.621	202	1409136	38.160	ng	100
77) Benzidine	12.739	184	656603	44.595	ng	100
78) Pyrene	12.851	202	1434688	38.784	ng	100
80) Butylbenzylphthalate	13.462	149	577308	41.007	ng	98
81) Benzo(a)anthracene	14.039	228	1091806	39.688	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	356311	40.445	ng	98
83) Chrysene	14.080	228	973552	38.666	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	761681	40.653	ng	100
85) Di-n-octyl phthalate	14.651	149	1128417	40.943	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	941465	40.523	ng	100
88) Benzo(b)fluoranthene	15.115	252	912377	38.471	ng	100
89) Benzo(k)fluoranthene	15.145	252	824665	41.355	ng	99
90) Benzo(a)pyrene	15.486	252	758538	39.606	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	781696	40.944	ng	100
92) Benzo(g,h,i)perylene	17.515	276	797501	40.467	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF140320.D
 Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

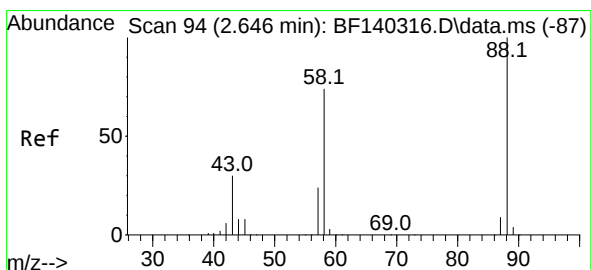
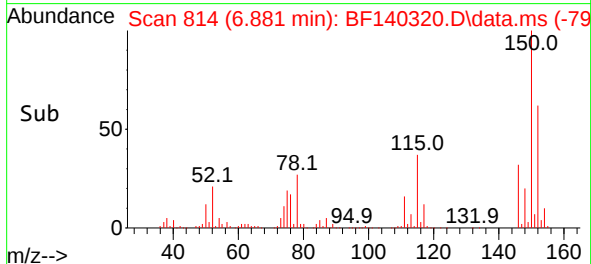
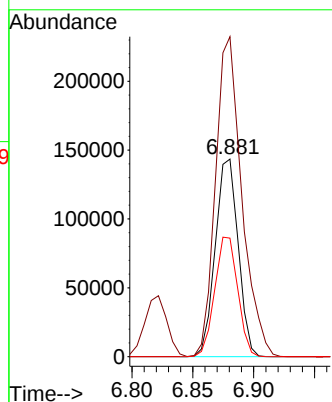
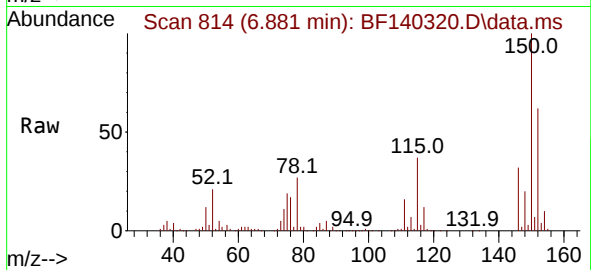
ClientSampleId :

ICVBF111124

Tgt Ion:152 Resp: 187985
 Ion Ratio Lower Upper
 152 100
 150 162.0 127.1 190.7
 115 60.0 49.4 74.0

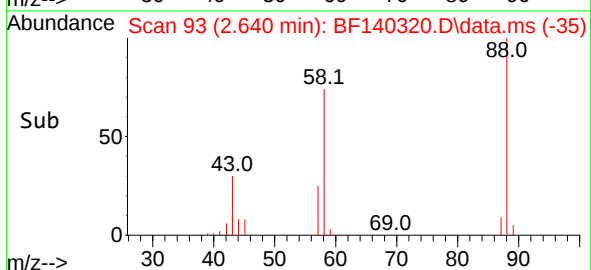
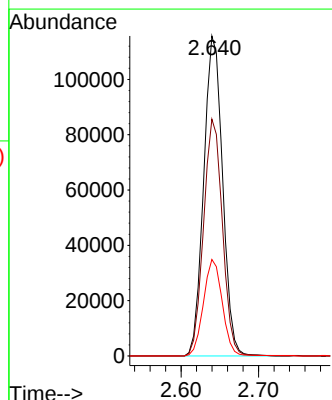
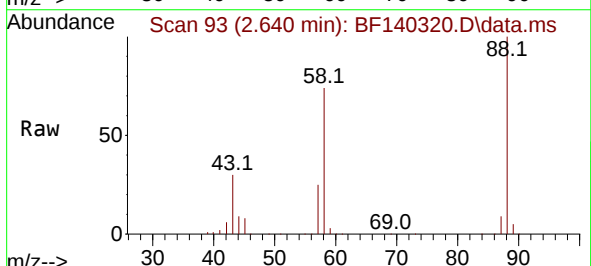
Manual Integrations
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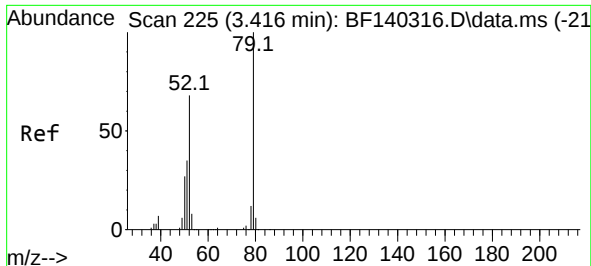
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024



#2
 1,4-Dioxane
 Concen: 40.009 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: BF140320.D
 Acq: 11 Nov 2024 16:30

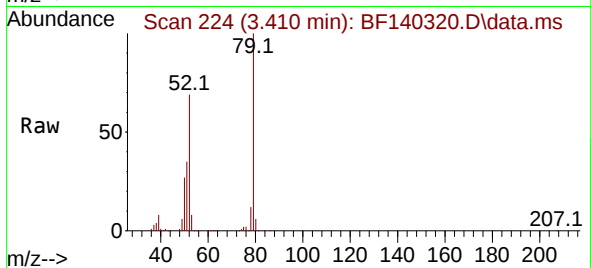
Tgt Ion: 88 Resp: 195781
 Ion Ratio Lower Upper
 88 100
 58 73.8 58.6 87.8
 43 30.1 24.2 36.2





#3
Pyridine
Concen: 41.493 ng
RT: 3.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

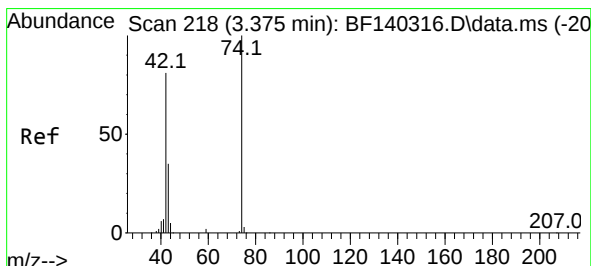
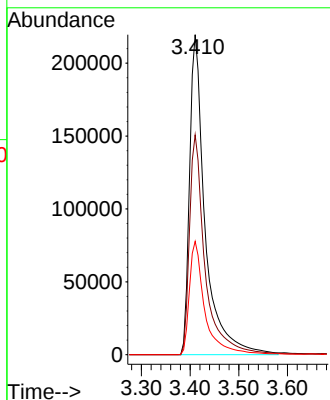
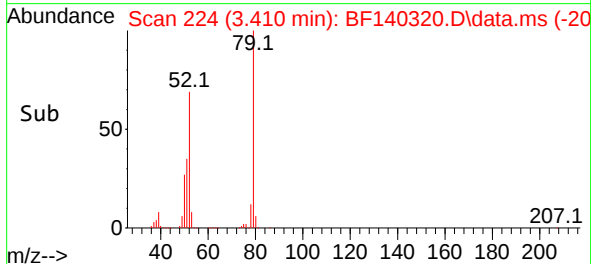
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion: 79 Resp: 489299
Ion Ratio Lower Upper
79 100
52 68.7 54.6 81.8
51 35.4 28.2 42.2

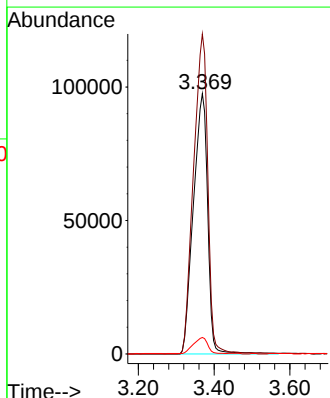
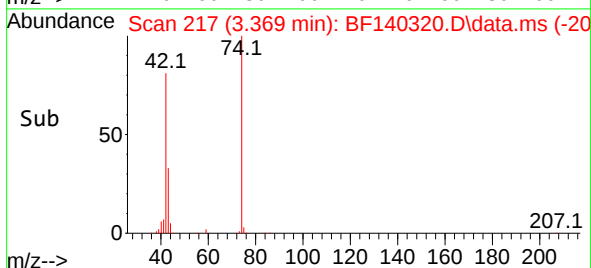
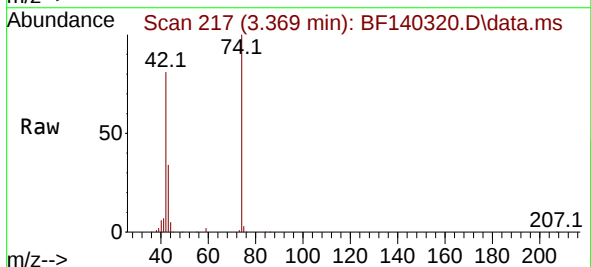
Manual Integrations
APPROVED

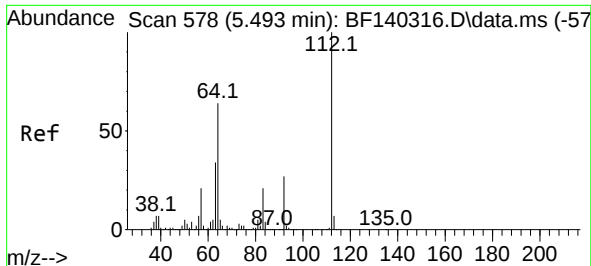
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#4
n-Nitrosodimethylamine
Concen: 41.311 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion: 42 Resp: 255556
Ion Ratio Lower Upper
42 100
74 122.9 98.5 147.7
44 6.3 4.9 7.3





#5
2-Fluorophenol
Concen: 79.858 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

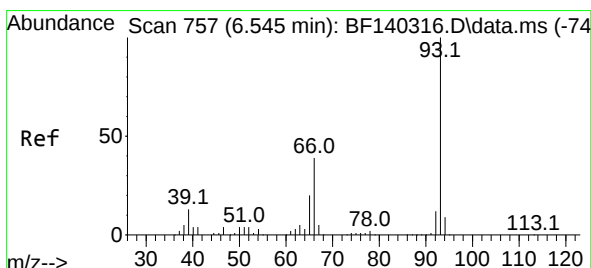
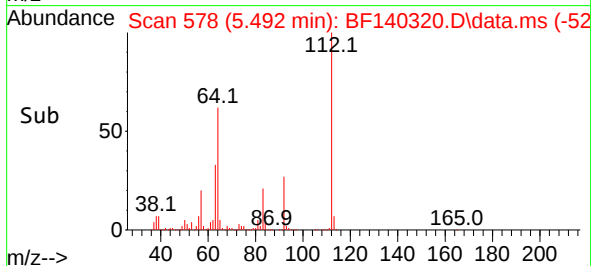
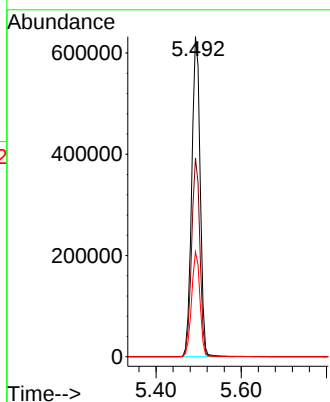
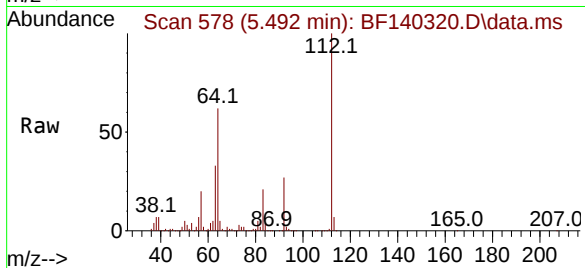
ICVBF111124

Tgt Ion:112 Resp: 868920
Ion Ratio Lower Upper
112 100
64 62.1 51.0 76.6
63 32.7 26.9 40.3

Manual Integrations

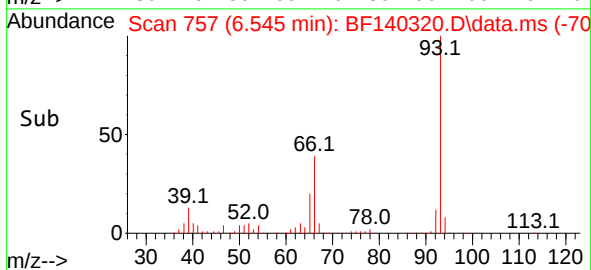
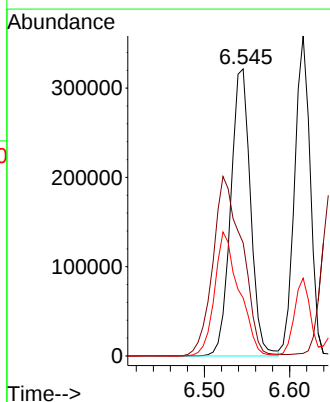
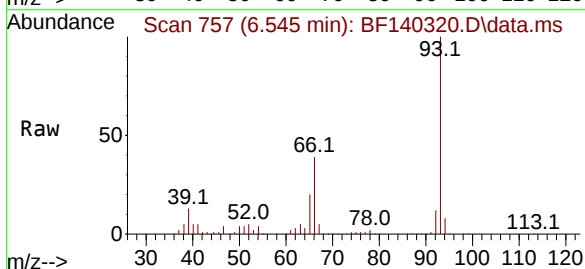
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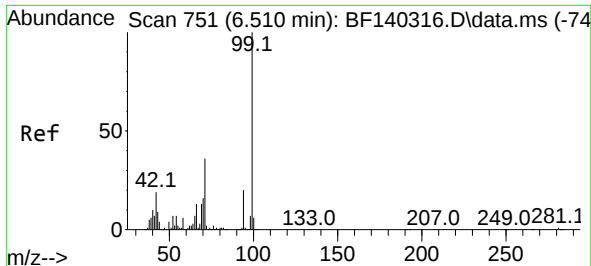
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#6
Aniline
Concen: 40.722 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

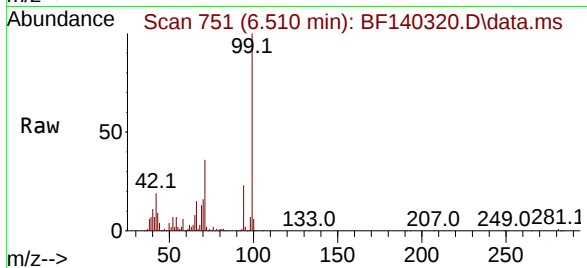
Tgt Ion: 93 Resp: 519447
Ion Ratio Lower Upper
93 100
66 39.4 31.9 47.9
65 20.2 15.9 23.9





#7
Phenol-d6
Concen: 77.597 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

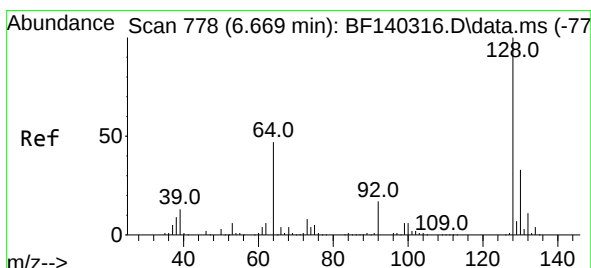
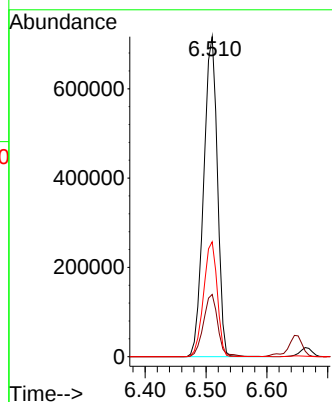
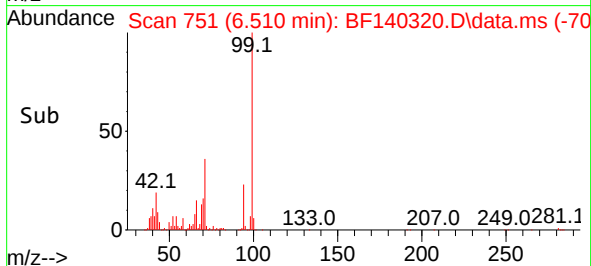
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion: 99 Resp: 112192
Ion Ratio Lower Upper
99 100
42 19.5 15.5 23.3
71 35.9 28.8 43.2

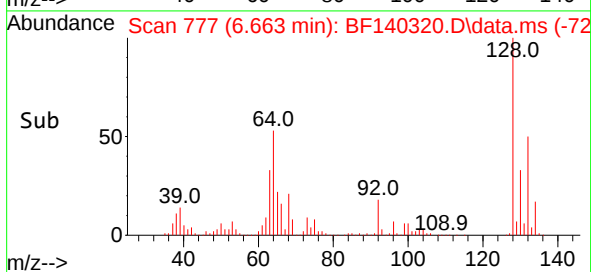
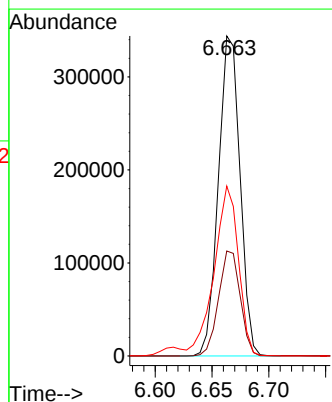
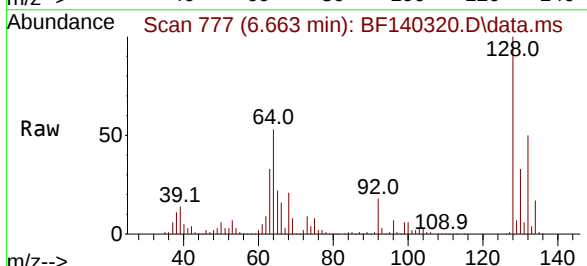
Manual Integrations
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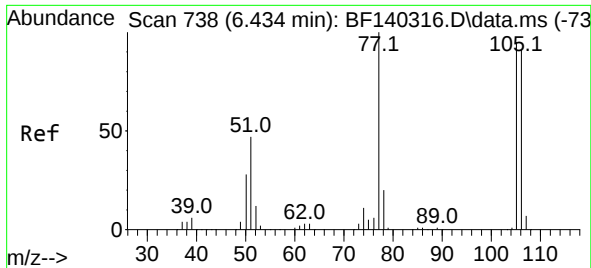
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#8
2-Chlorophenol
Concen: 39.518 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

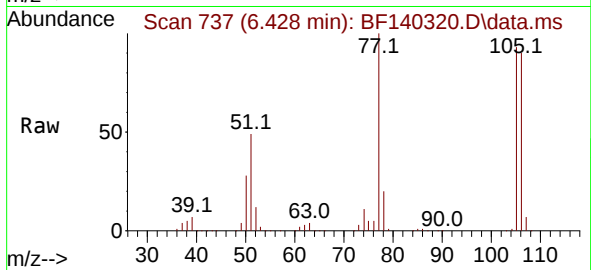
Tgt Ion:128 Resp: 456513
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 53.1 29.4 69.4





#9
Benzaldehyde
Concen: 38.471 ng
RT: 6.428 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

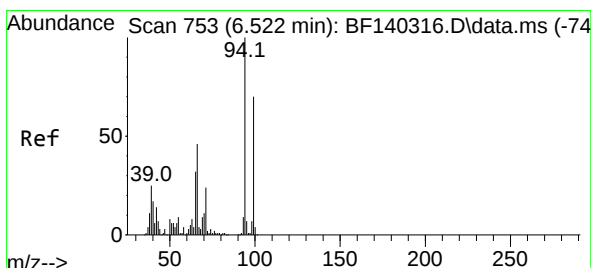
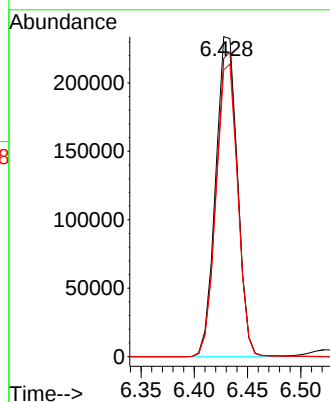
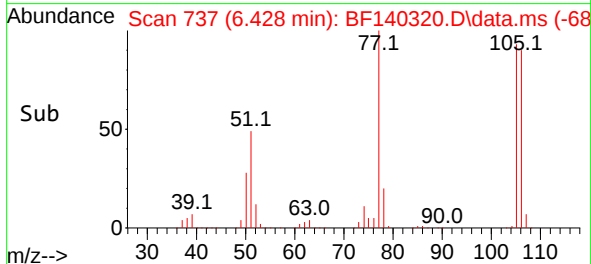
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion: 77 Resp: 33237
Ion Ratio Lower Upper
77 100
105 93.2 74.8 114.8
106 89.6 70.8 110.8

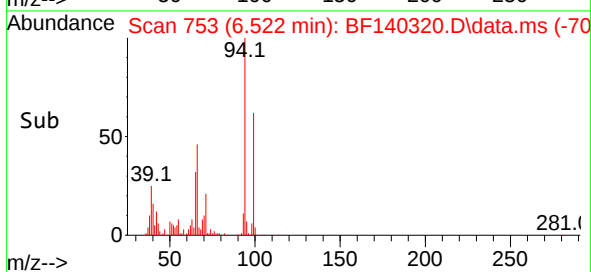
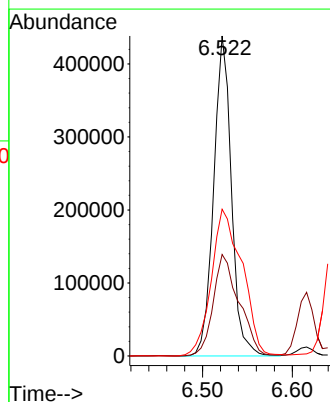
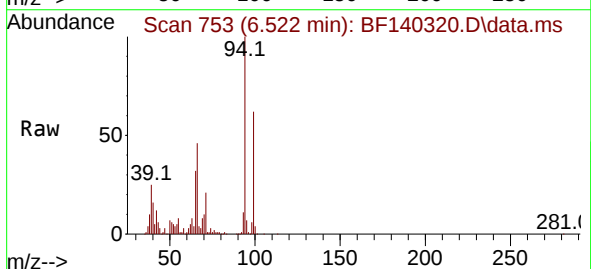
Manual Integrations
APPROVED

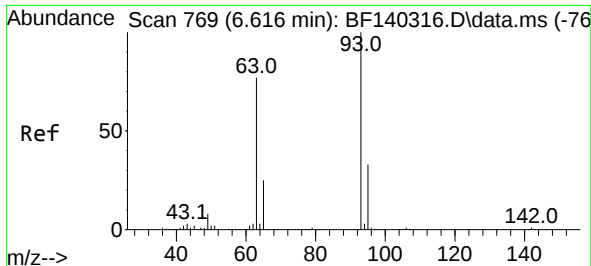
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#10
Phenol
Concen: 39.274 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion: 94 Resp: 602338
Ion Ratio Lower Upper
94 100
65 31.7 11.8 51.8
66 45.9 26.2 66.2





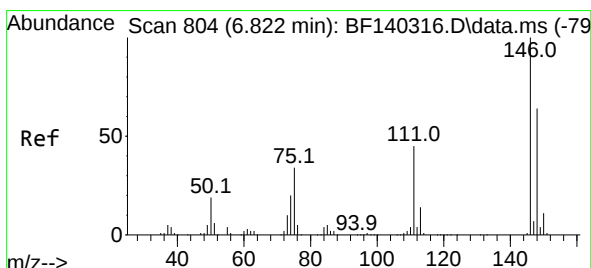
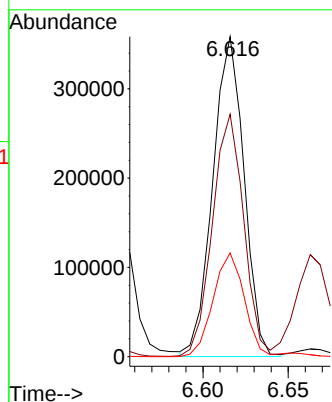
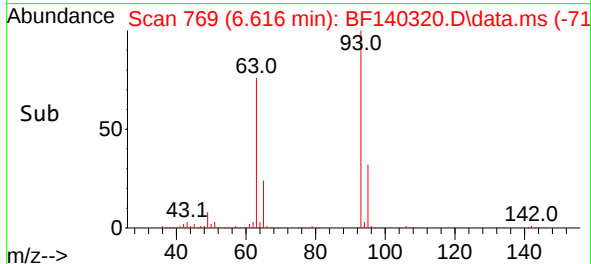
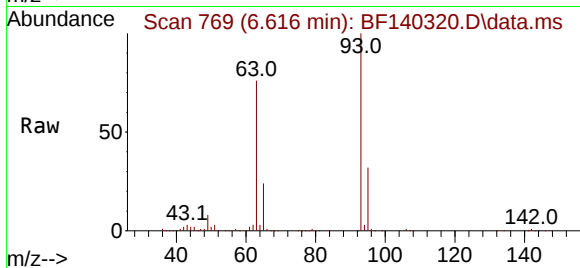
#11
bis(2-Chloroethyl)ether
Concen: 38.790 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF111124

Tgt Ion: 93 Resp: 455915
Ion Ratio Lower Upper
93 100
63 75.8 55.5 95.5
95 32.4 12.2 52.2

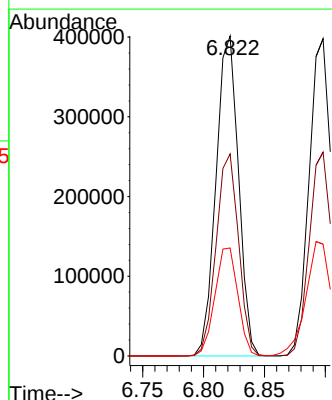
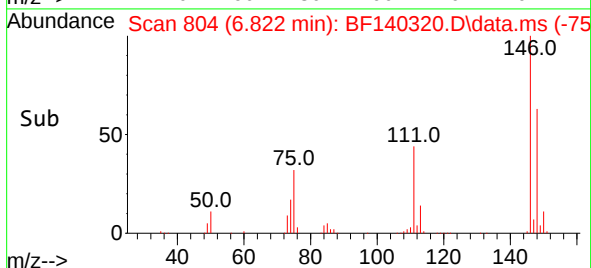
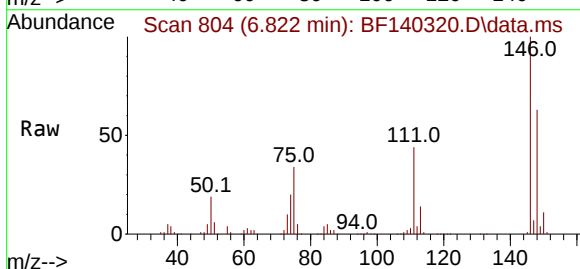
Manual Integrations
APPROVED

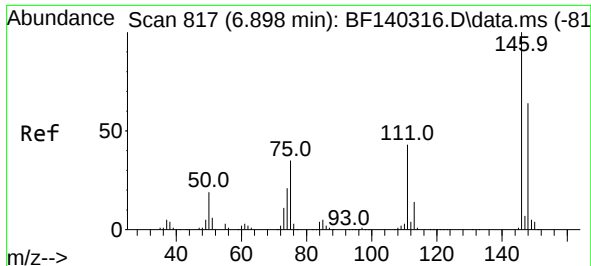
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#12
1,3-Dichlorobenzene
Concen: 39.632 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:146 Resp: 516118
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 33.8 27.5 41.3





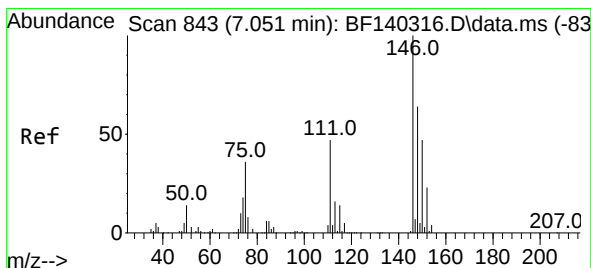
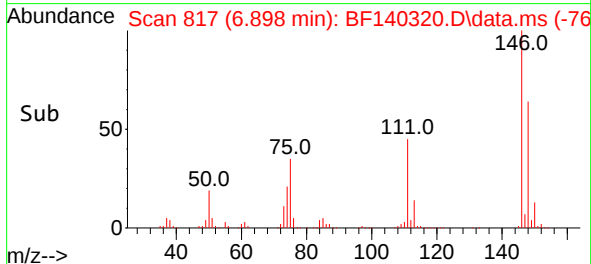
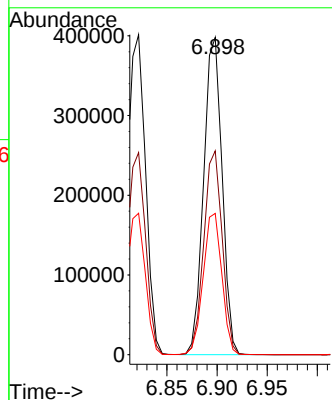
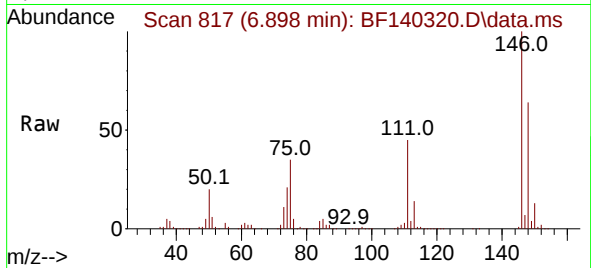
#13
1,4-Dichlorobenzene
Concen: 38.959 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF111124

Tgt Ion:146 Resp: 51150
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 44.5 34.6 52.0

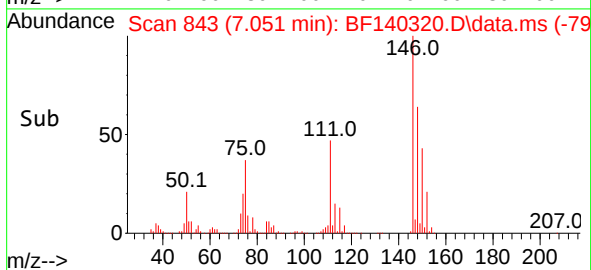
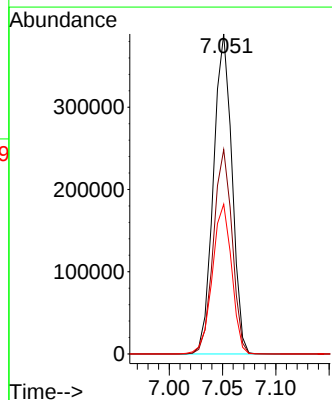
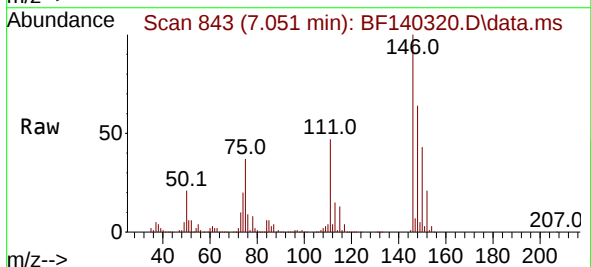
Manual Integrations
APPROVED

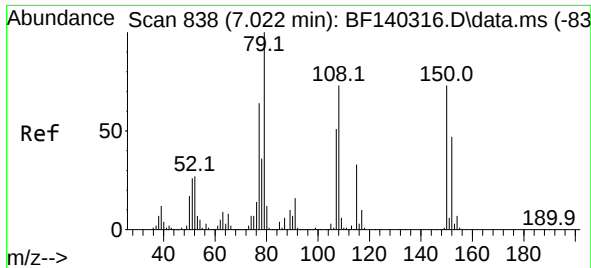
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#14
1,2-Dichlorobenzene
Concen: 38.769 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:146 Resp: 470465
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 46.8 37.7 56.5





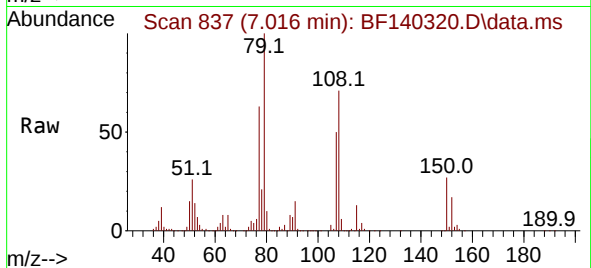
#15
Benzyl Alcohol
Concen: 39.916 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

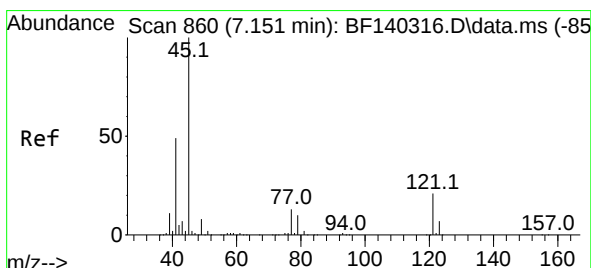
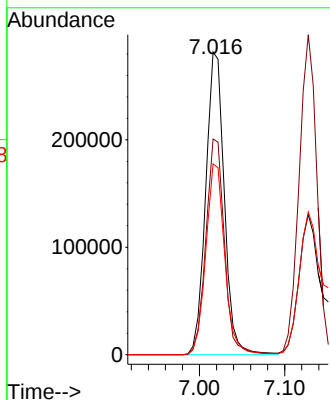
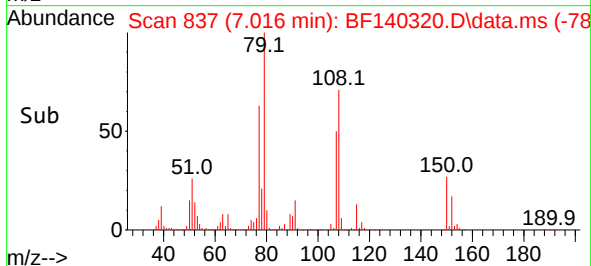


Tgt Ion: 79 Resp: 42675
Ion Ratio Lower Upper
79 100
108 71.2 58.2 87.4
77 63.0 51.0 76.6

Manual Integrations

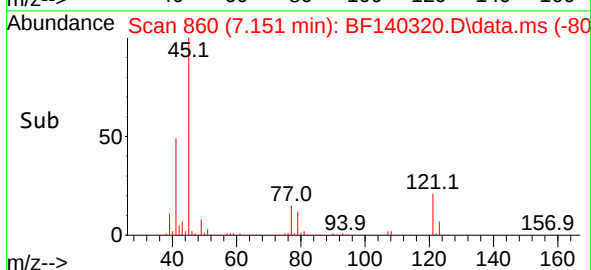
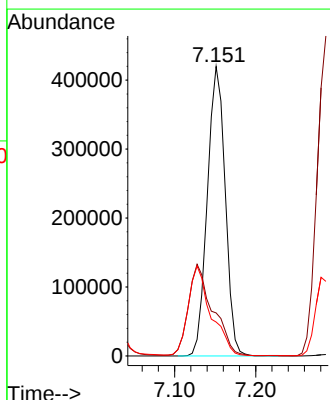
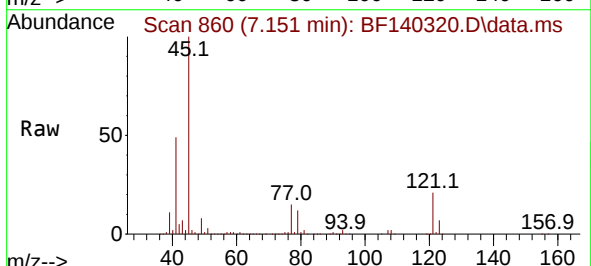
APPROVED

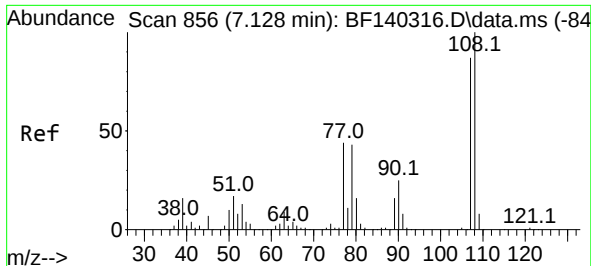
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.835 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion: 45 Resp: 640798
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.1
79 11.7 0.0 31.4





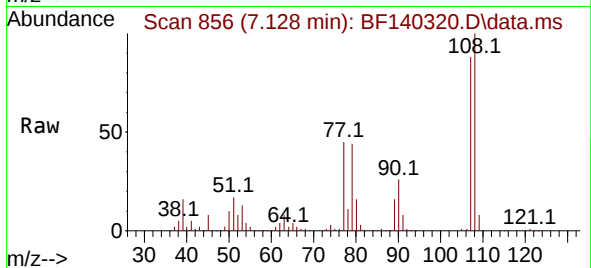
#17
2-Methylphenol
Concen: 40.048 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

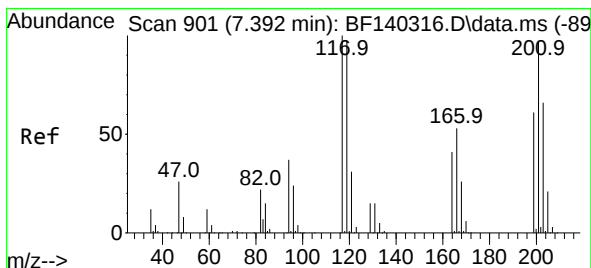
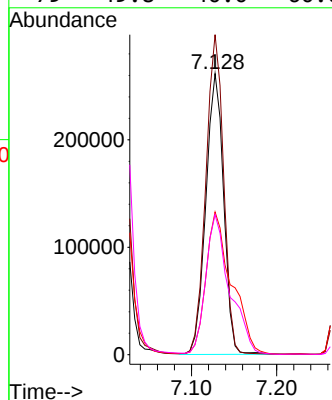


Tgt Ion:107 Resp: 379638
Ion Ratio Lower Upper
107 100
108 113.8 92.5 138.7
77 50.8 40.6 60.8
79 49.8 40.0 60.0

Manual Integrations

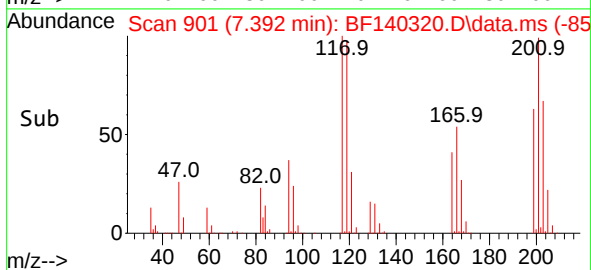
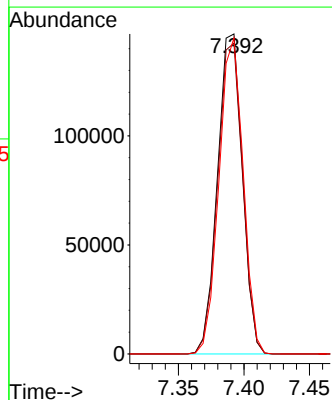
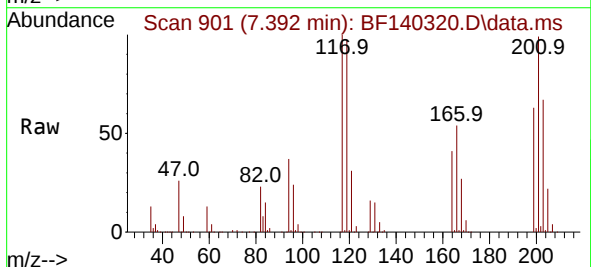
APPROVED

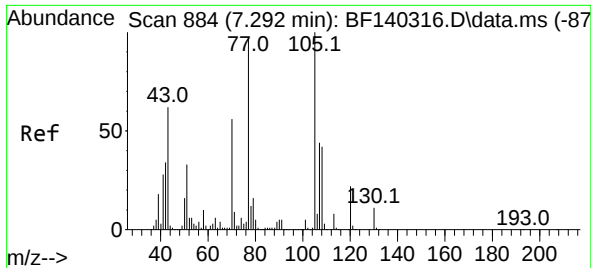
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#18
Hexachloroethane
Concen: 39.458 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:117 Resp: 194149
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3
201 98.7 77.4 116.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.242 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

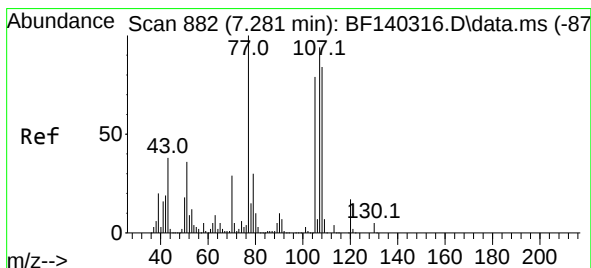
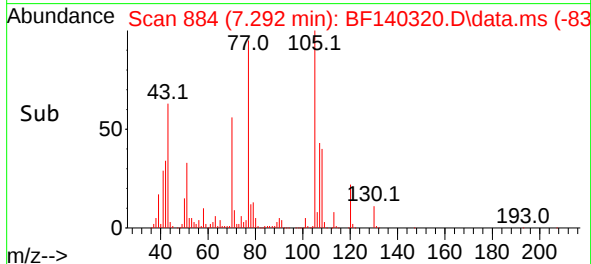
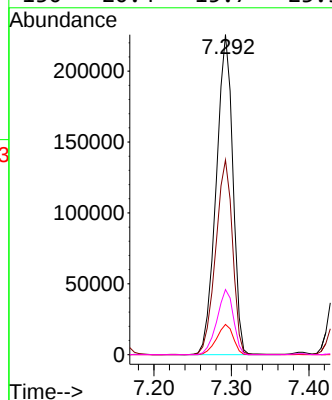
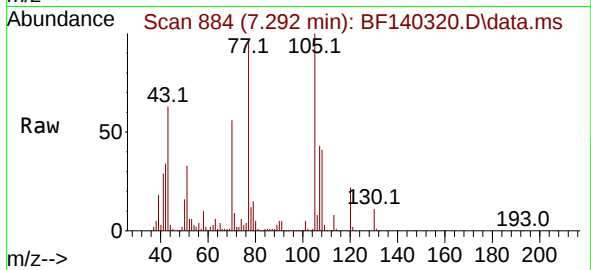
ClientSampleId :

ICVBF111124

Tgt Ion: 70 Resp: 33673
Ion Ratio Lower Upper
70 100
42 60.8 48.0 72.0
101 9.5 7.4 11.0
130 20.4 15.7 23.5

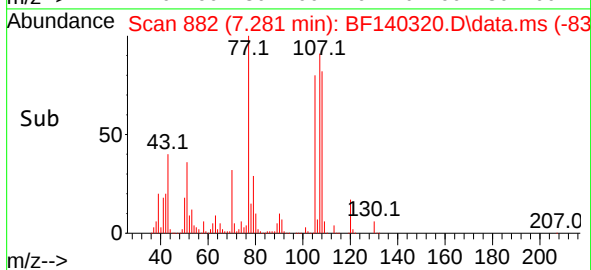
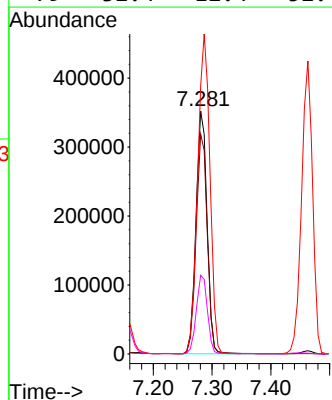
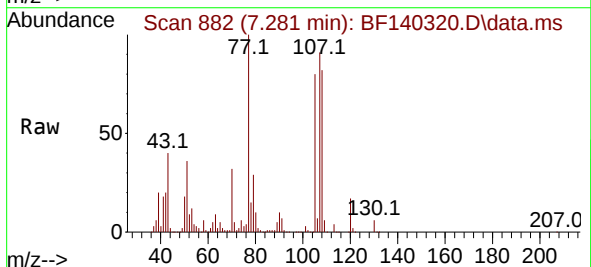
Manual Integrations
APPROVED

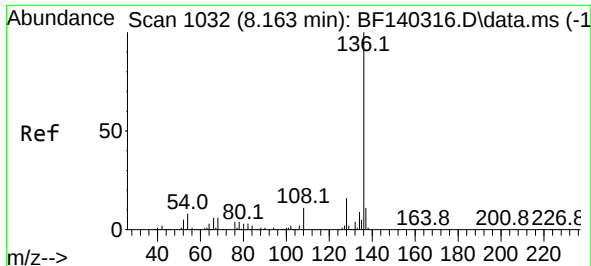
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#20
3+4-Methylphenols
Concen: 38.612 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:107 Resp: 458549
Ion Ratio Lower Upper
107 100
108 90.5 69.3 109.3
77 110.4 86.0 126.0
79 32.4 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

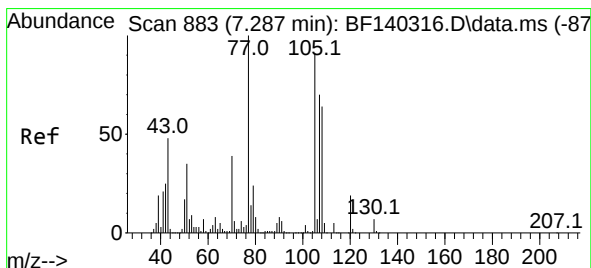
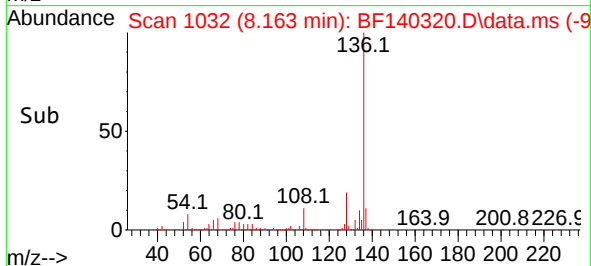
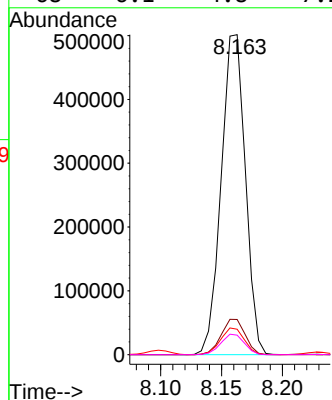
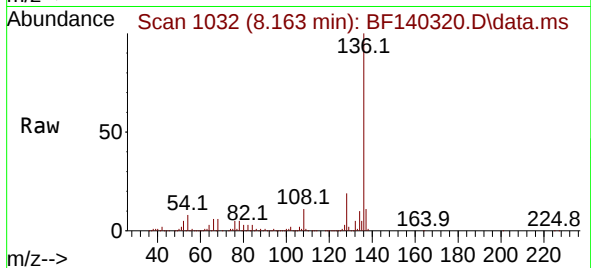
ICVBF111124

Tgt Ion:136 Resp: 692590
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.9 6.2 9.2
68 6.1 4.8 7.2

Manual Integrations

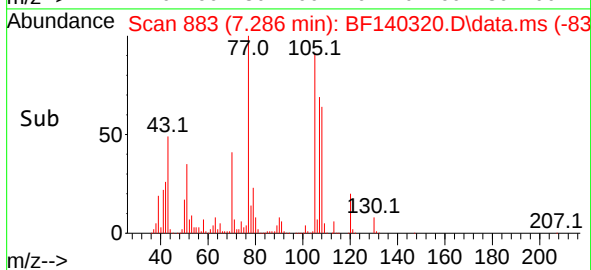
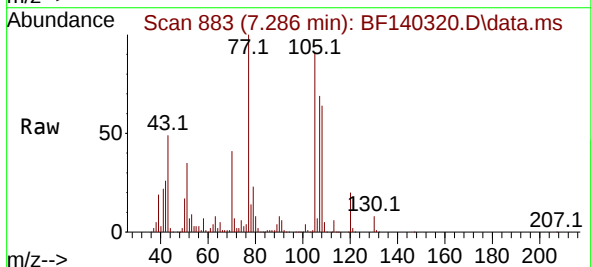
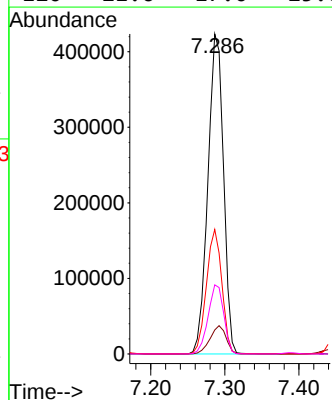
APPROVED

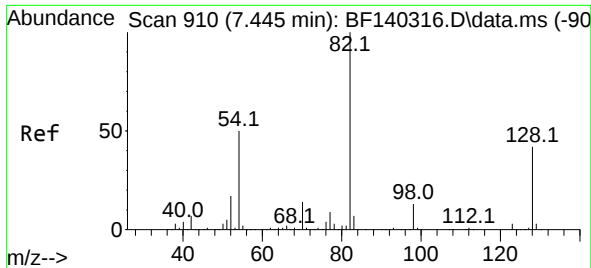
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#22
Acetophenone
Concen: 38.546 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:105 Resp: 620072
Ion Ratio Lower Upper
105 100
71 7.5 5.6 8.4
51 38.9 31.0 46.6
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.578 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion: 82 Resp: 106167

Ion Ratio Lower Upper

82 100

128 42.0 33.8 50.6

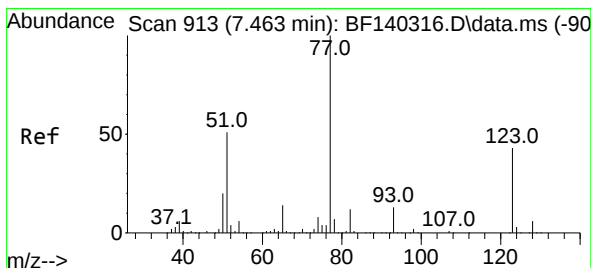
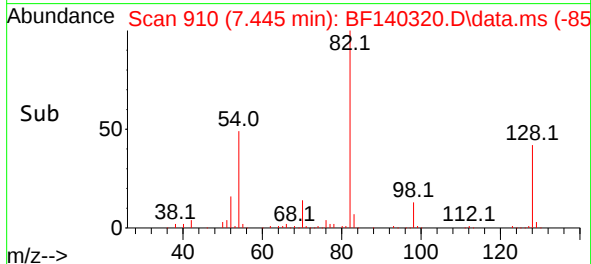
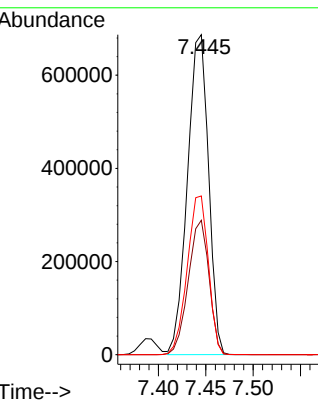
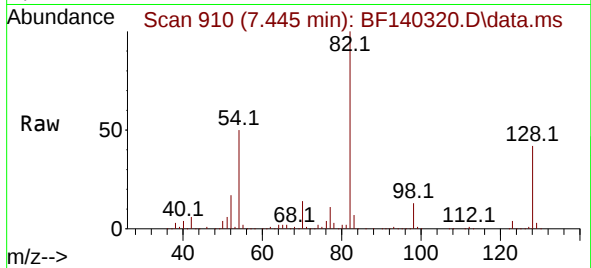
54 49.6 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#24

Nitrobenzene

Concen: 39.388 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

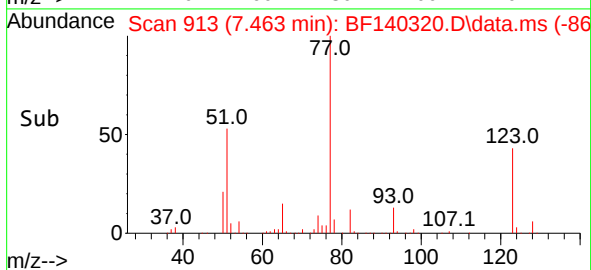
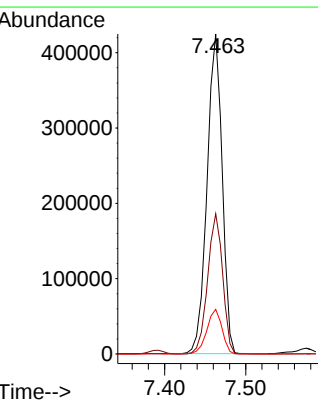
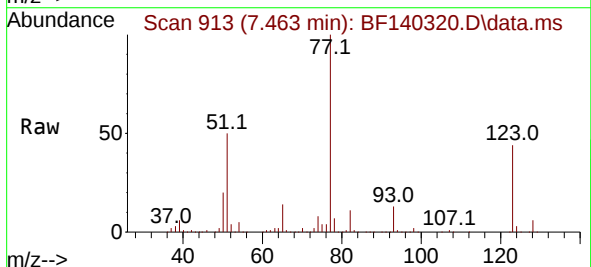
Tgt Ion: 77 Resp: 550036

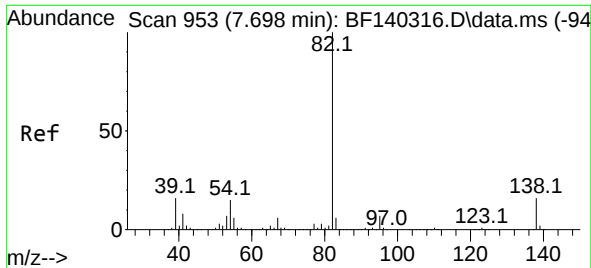
Ion Ratio Lower Upper

77 100

123 43.8 34.6 52.0

65 14.0 11.0 16.4





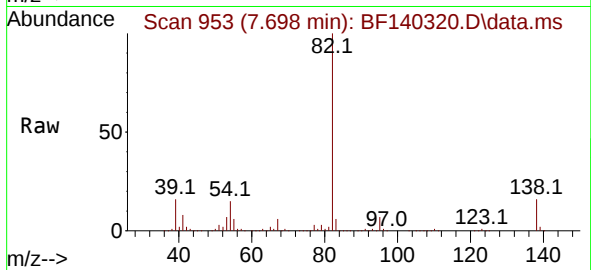
#25
Isophorone
Concen: 39.233 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

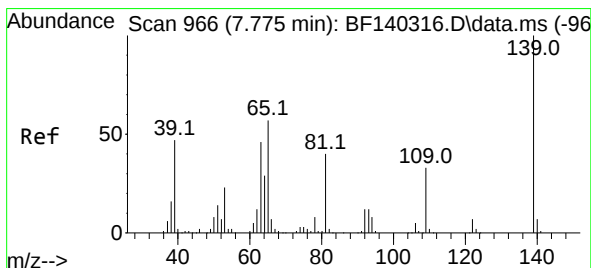
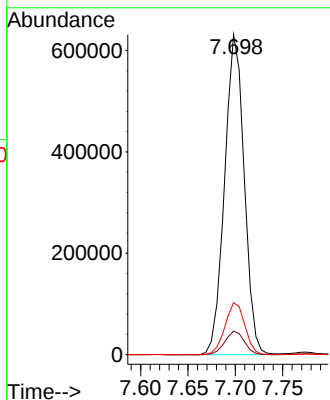
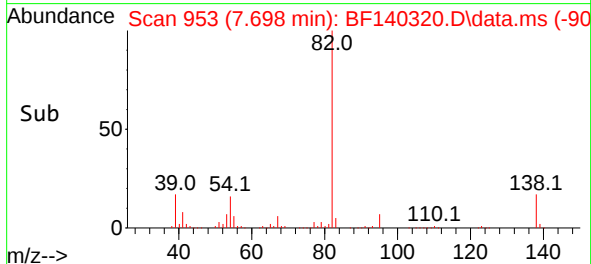
ICVBF111124



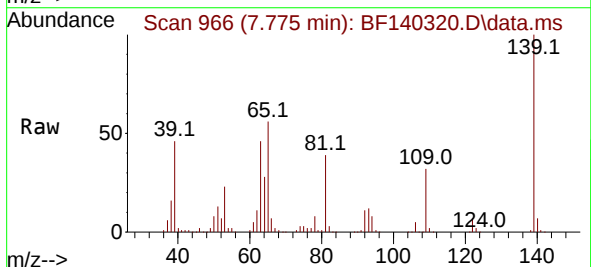
Tgt Ion: 82 Resp: 911740
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.3 13.2 19.8

Manual Integrations
APPROVED

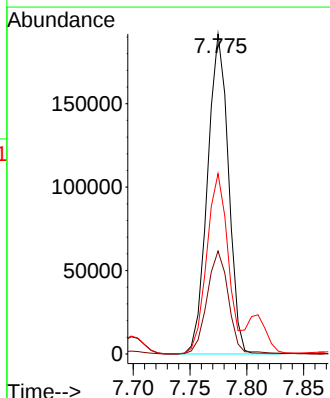
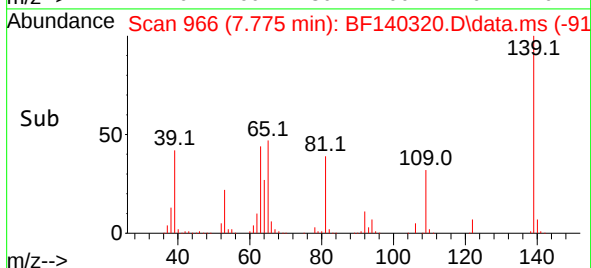
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

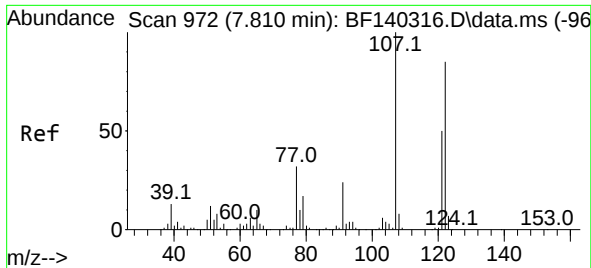


#26
2-Nitrophenol
Concen: 41.177 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:139 Resp: 245978
Ion Ratio Lower Upper
139 100
109 32.2 26.0 39.0
65 56.3 45.8 68.8





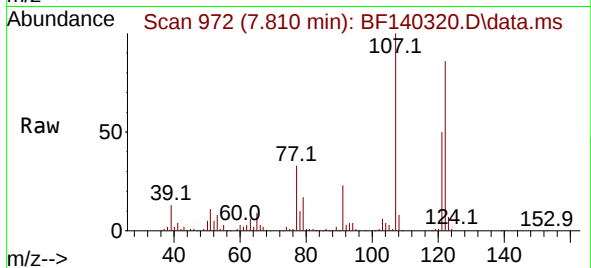
#27
2,4-Dimethylphenol
Concen: 39.691 ng
RT: 7.810 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

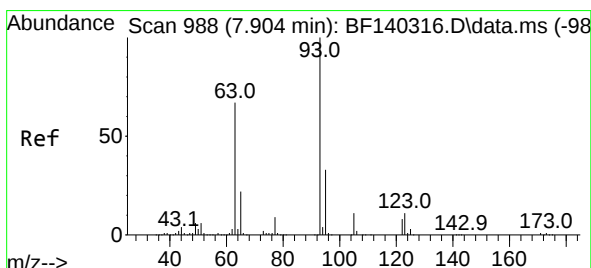
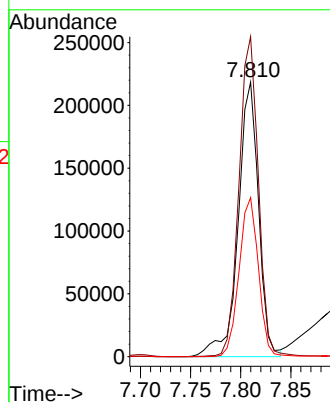
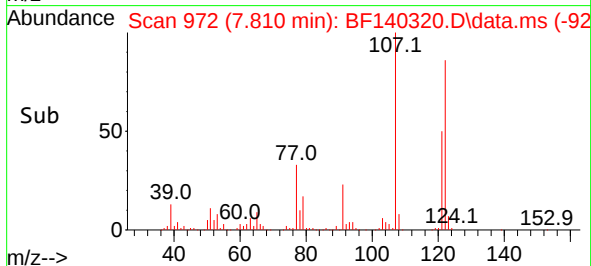


Tgt Ion:122 Resp: 309904
Ion Ratio Lower Upper
122 100
107 116.5 94.0 141.0
121 57.9 47.1 70.7

Manual Integrations

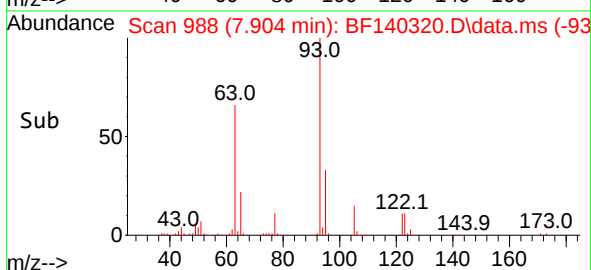
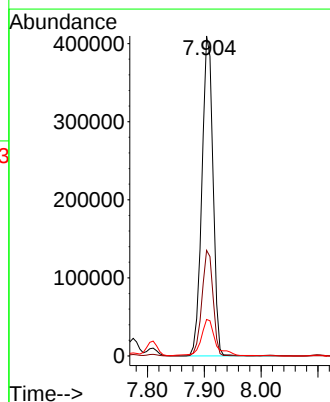
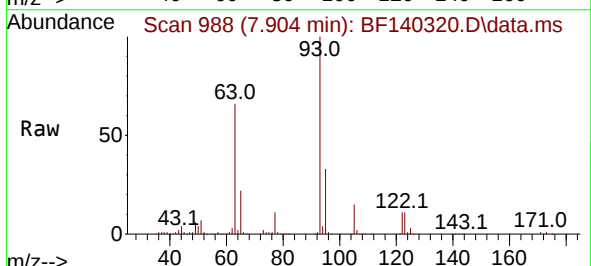
APPROVED

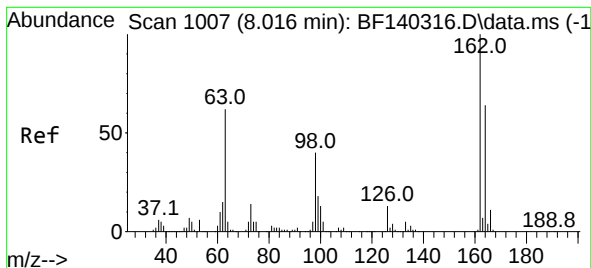
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.138 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion: 93 Resp: 556607
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.552 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

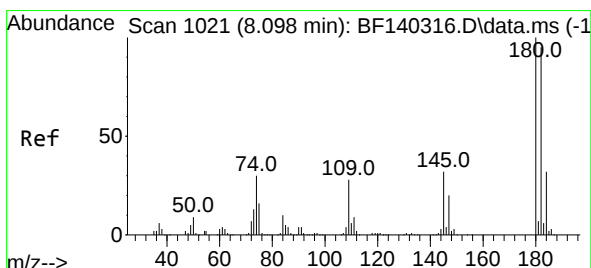
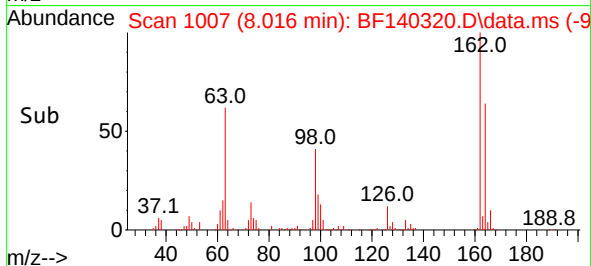
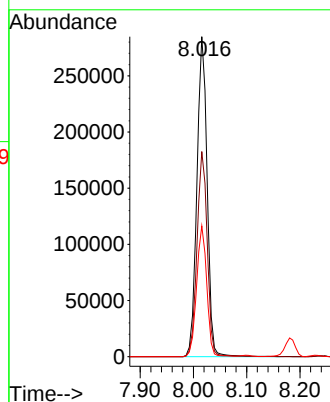
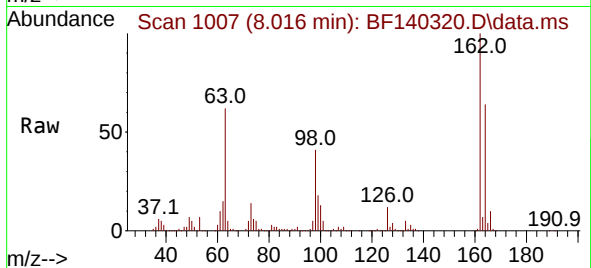
Tgt Ion:162 Resp: 37918
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.9 83.9
 98 40.9 20.2 60.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.166 ng

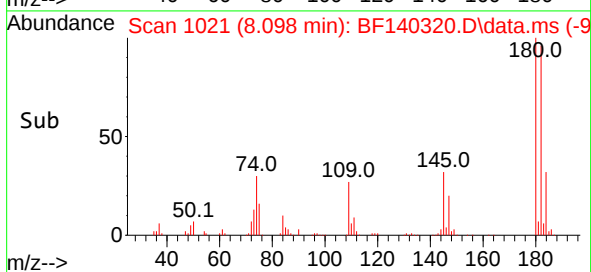
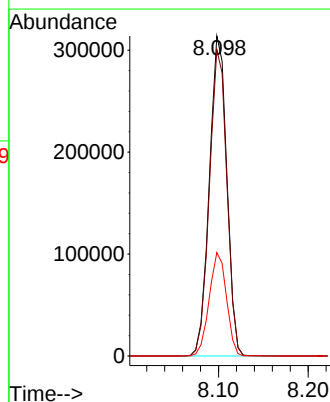
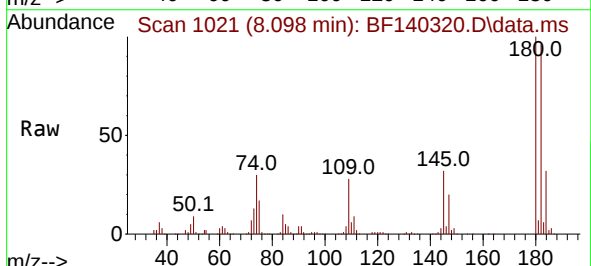
RT: 8.098 min Scan# 1021

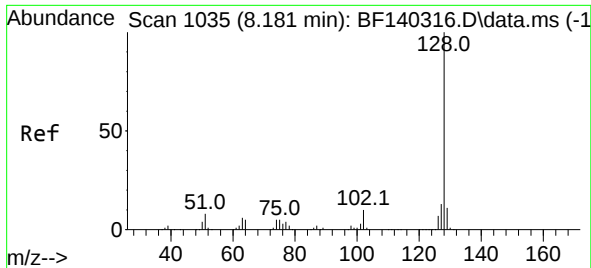
Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Tgt Ion:180 Resp: 423383
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.6 113.4
 145 32.3 25.5 38.3





#31
Naphthalene
Concen: 38.829 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

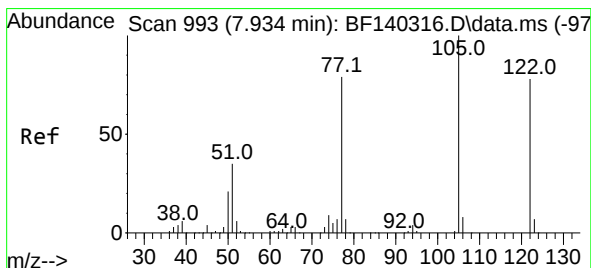
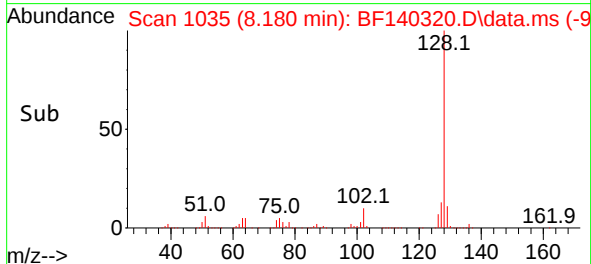
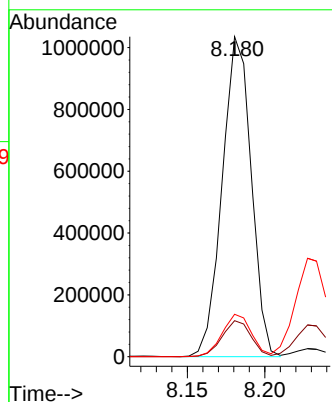
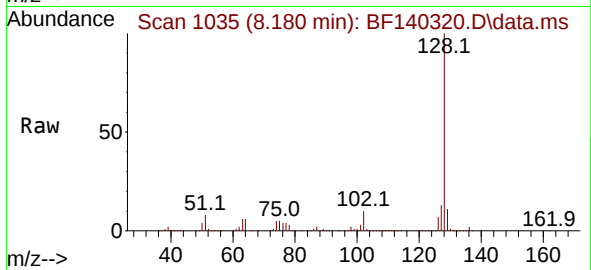
ClientSampleId :

ICVBF111124

Tgt Ion:128 Resp: 1347972
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.7 16.1

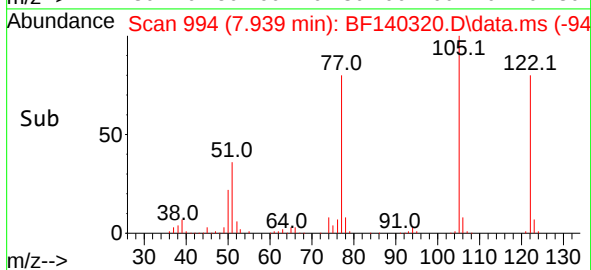
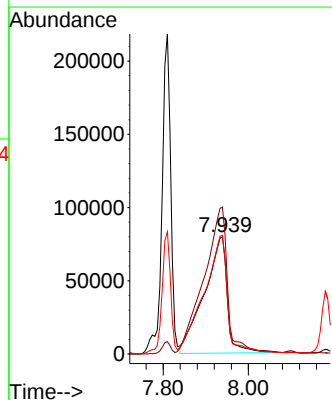
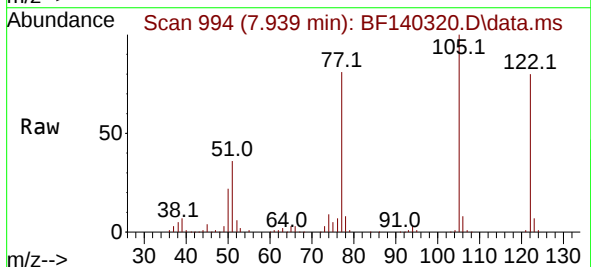
Manual Integrations
APPROVED

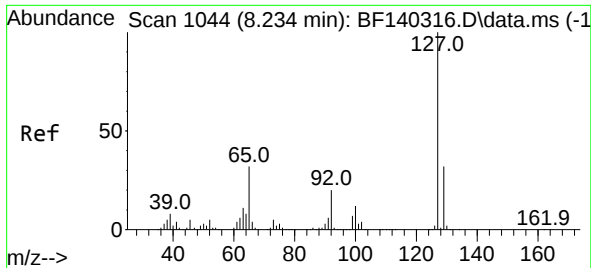
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#32
Benzoic acid
Concen: 44.452 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.005 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:122 Resp: 299274
Ion Ratio Lower Upper
122 100
105 125.4 104.3 144.3
77 101.2 79.3 119.3





#33
4-Chloroaniline
Concen: 38.457 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

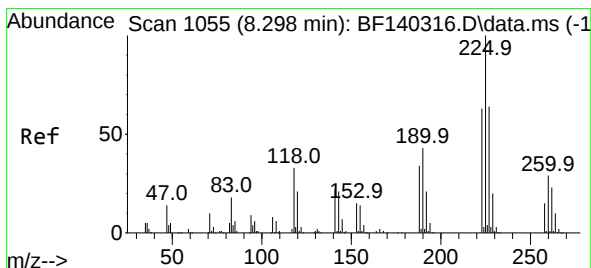
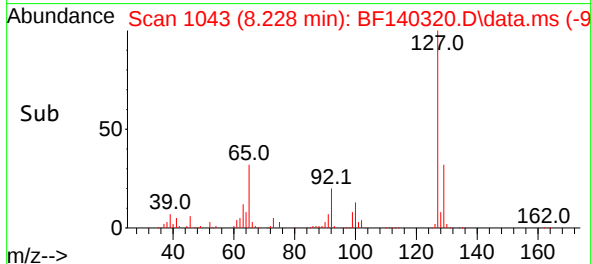
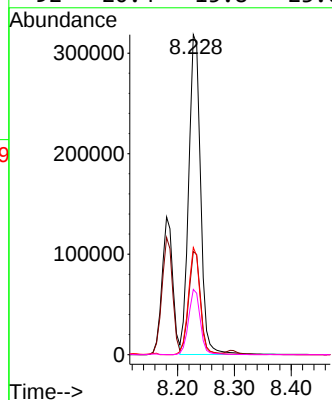
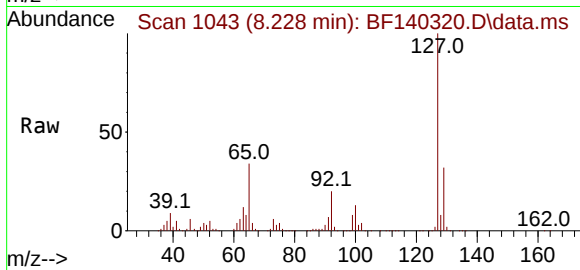
ICVBF111124

Tgt Ion:127 Resp: 46181
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4
65 33.5 25.6 38.4
92 20.4 15.8 23.6

Manual Integrations

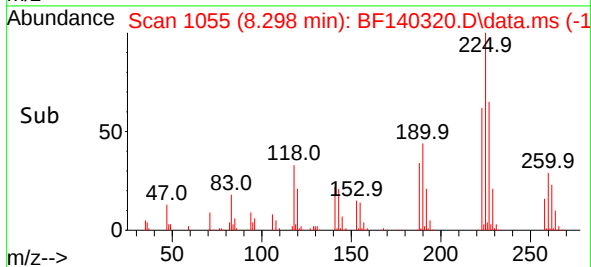
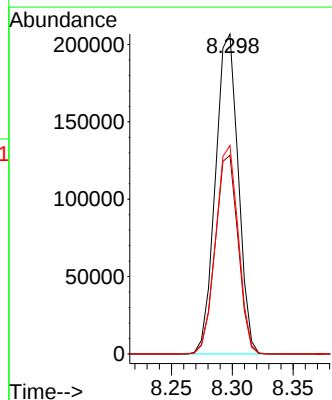
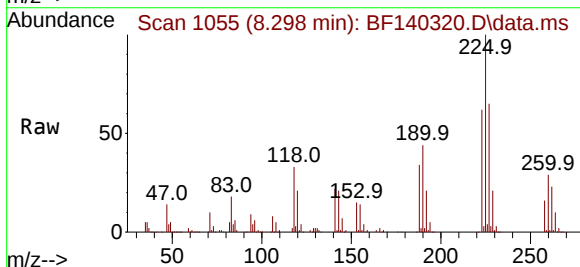
APPROVED

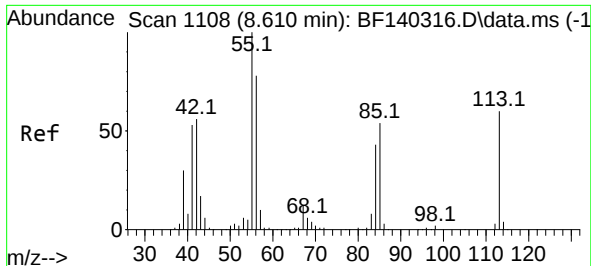
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#34
Hexachlorobutadiene
Concen: 38.623 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

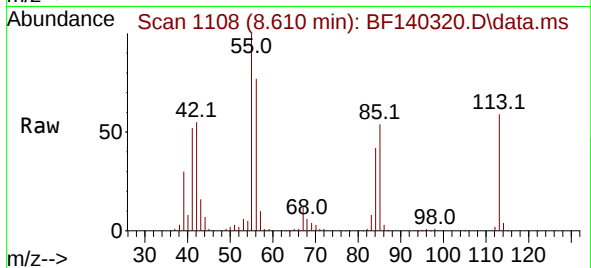
Tgt Ion:225 Resp: 269023
Ion Ratio Lower Upper
225 100
223 62.1 50.0 75.0
227 65.2 51.5 77.3





#35
Caprolactam
Concen: 40.826 ng m
RT: 8.610 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

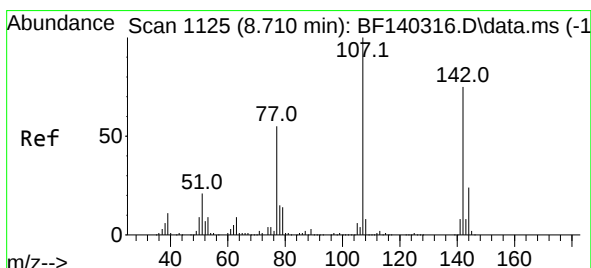
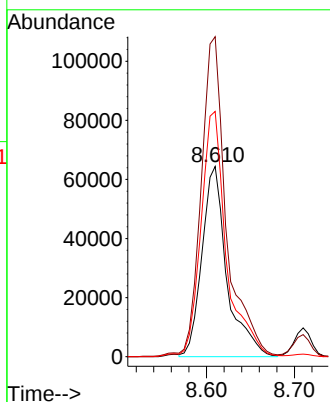
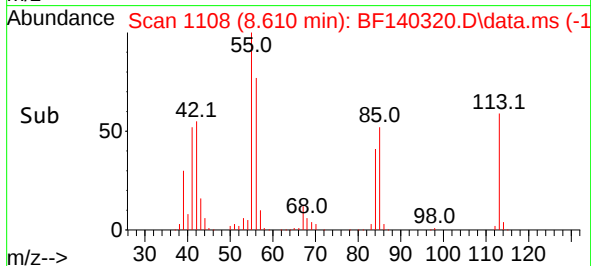
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion:113 Resp: 127062
Ion Ratio Lower Upper
113 100
55 168.2 146.2 186.2
56 129.0 109.5 149.5

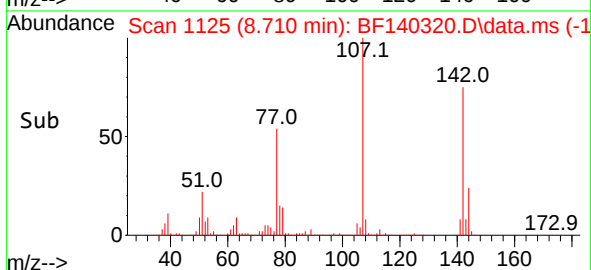
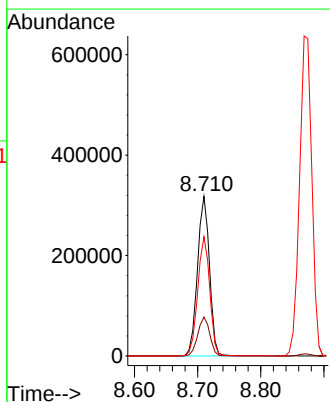
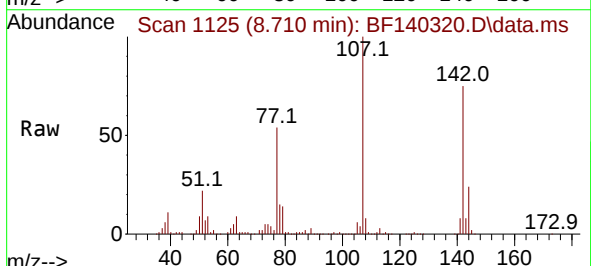
Manual Integrations
APPROVED

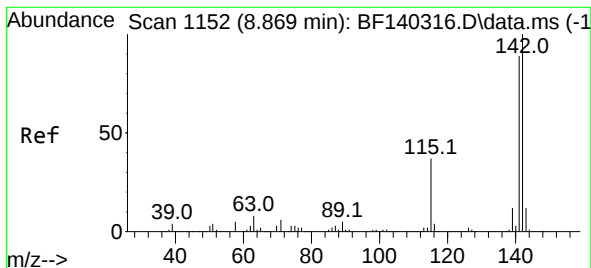
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#36
4-Chloro-3-methylphenol
Concen: 39.759 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:107 Resp: 420211
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 74.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.884 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion:142 Resp: 859034

Ion Ratio Lower Upper

142 100

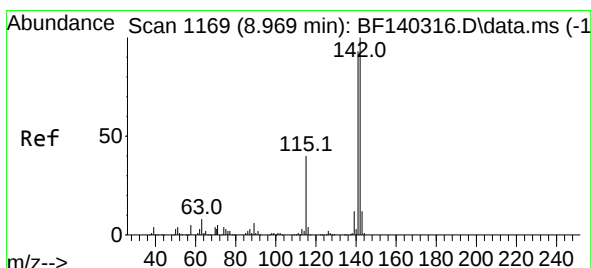
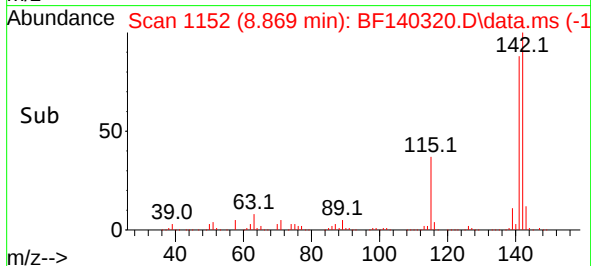
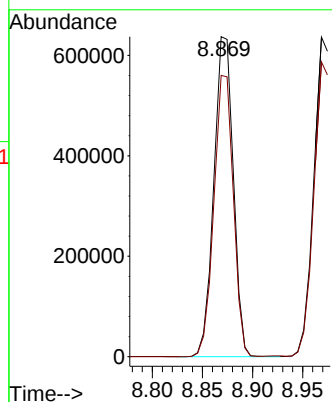
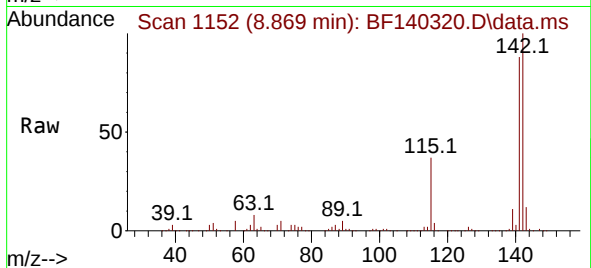
141 87.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#38

1-Methylnaphthalene

Concen: 39.067 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140320.D

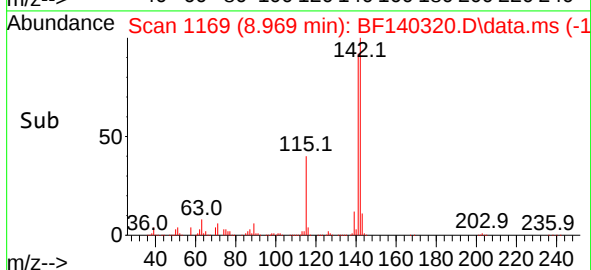
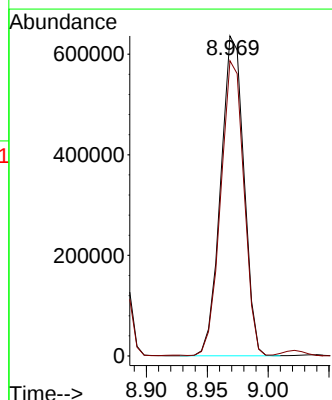
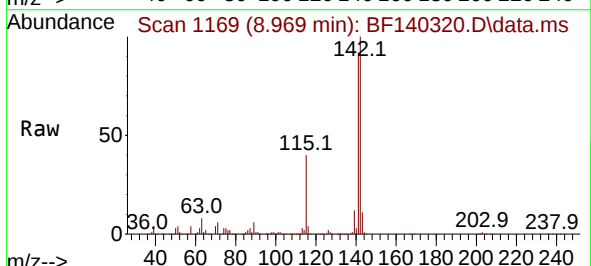
Acq: 11 Nov 2024 16:30

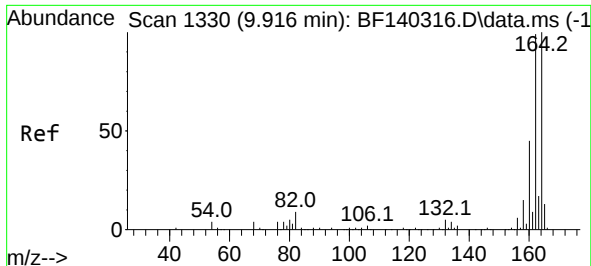
Tgt Ion:142 Resp: 842732

Ion Ratio Lower Upper

142 100

141 92.3 74.5 111.7





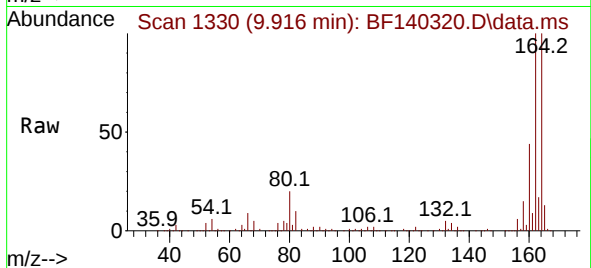
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



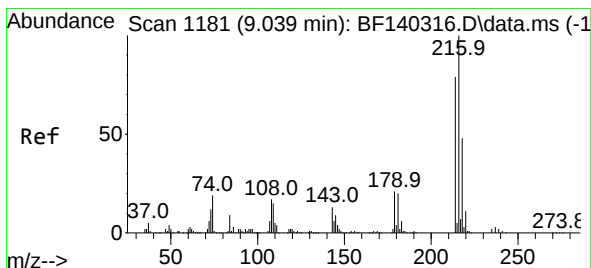
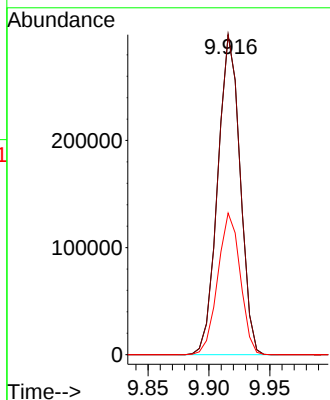
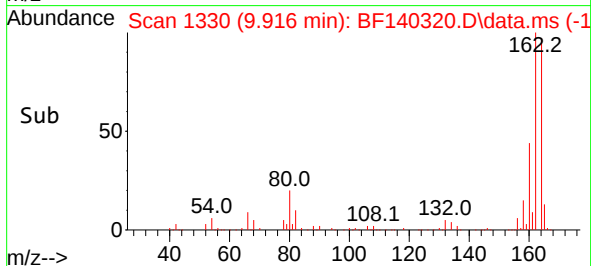
Tgt Ion:164 Resp: 382178
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.3 35.6 53.4

Manual Integrations

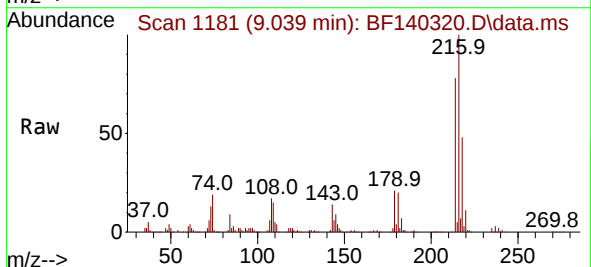
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

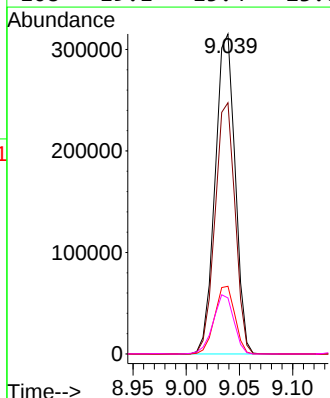
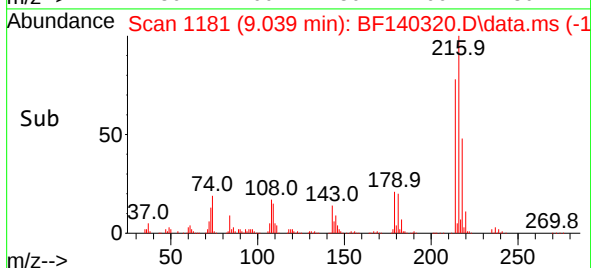
Supervised By :mohammad ahmed 11/13/2024

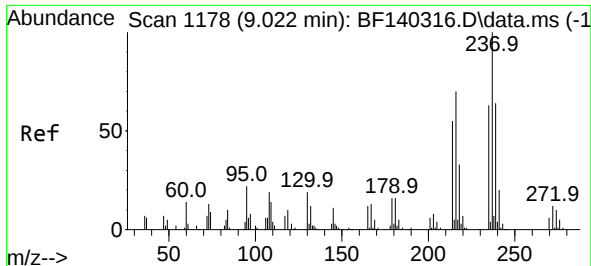


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.374 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:216 Resp: 411310
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.3 17.2 25.8
108 19.1 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 41.868 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

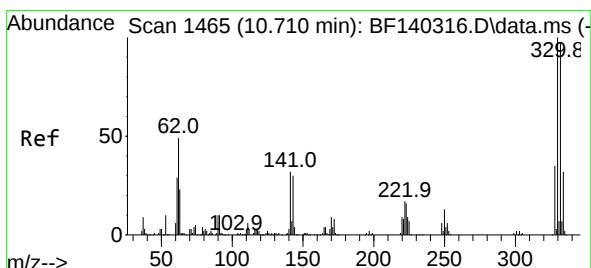
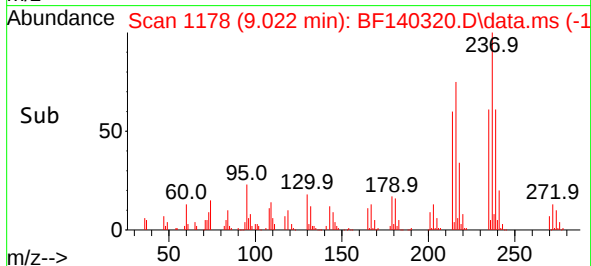
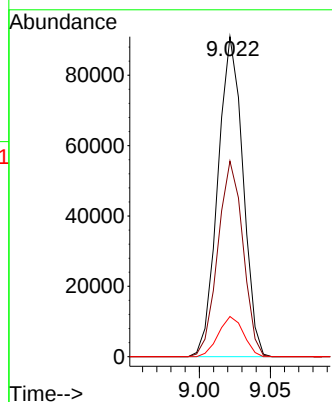
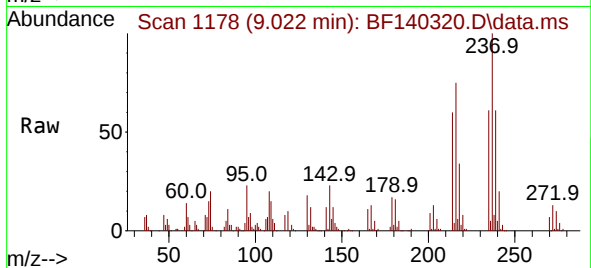
ICVBF111124

Tgt Ion:237 Resp: 111714
Ion Ratio Lower Upper
237 100
235 61.1 42.6 82.6
272 12.6 0.0 32.2

Manual Integrations

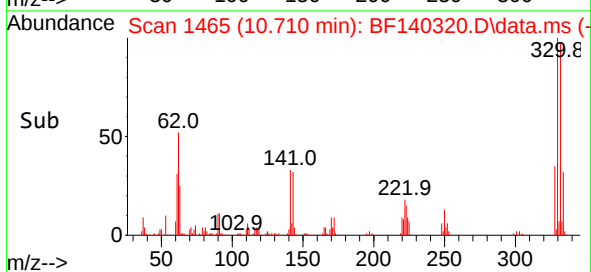
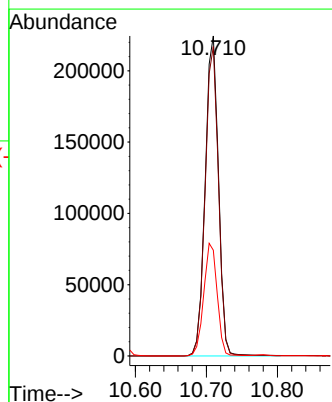
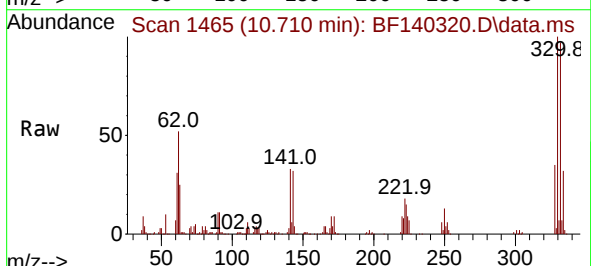
APPROVED

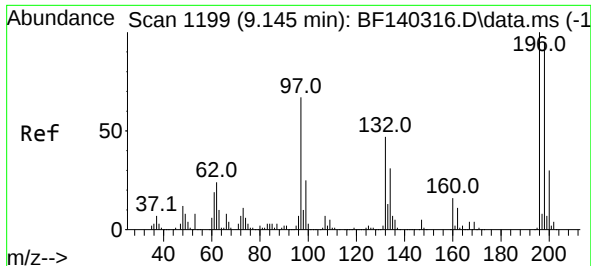
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#42
2,4,6-Tribromophenol
Concen: 78.945 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:330 Resp: 293118
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 35.6 28.3 42.5





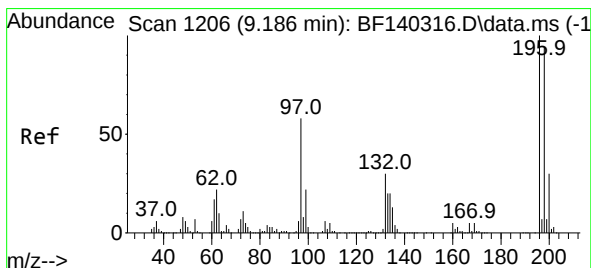
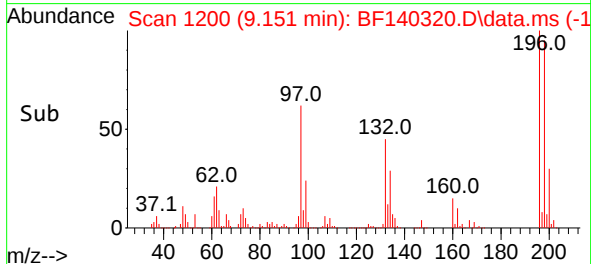
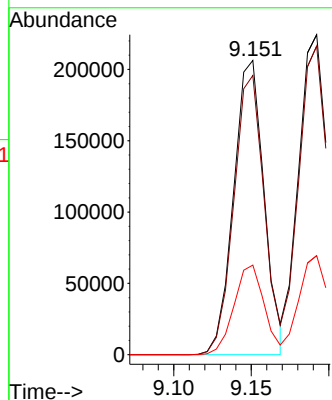
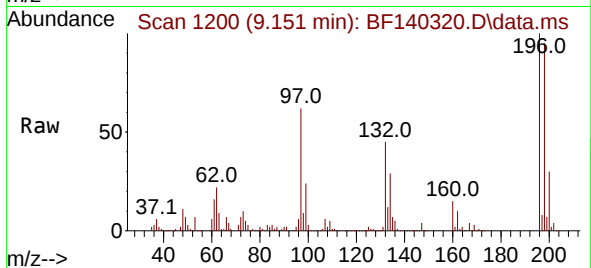
#43
2,4,6-Trichlorophenol
Concen: 40.291 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF111124

Tgt Ion:196 Resp: 28168
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.8
200 30.5 23.9 35.9

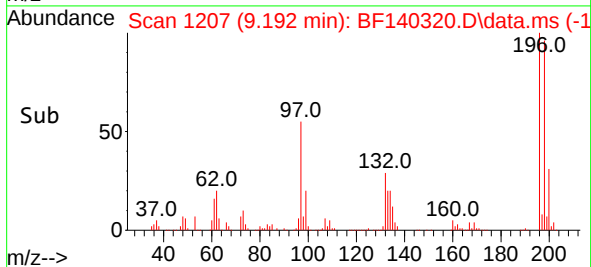
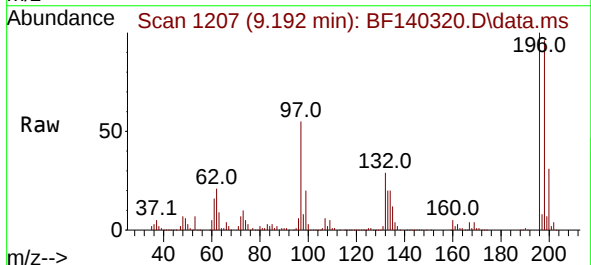
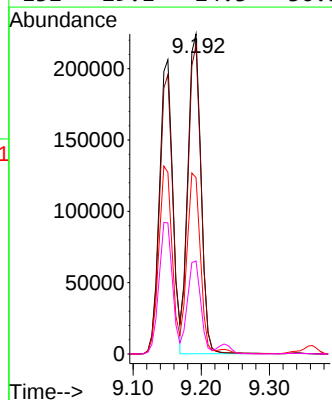
Manual Integrations
APPROVED

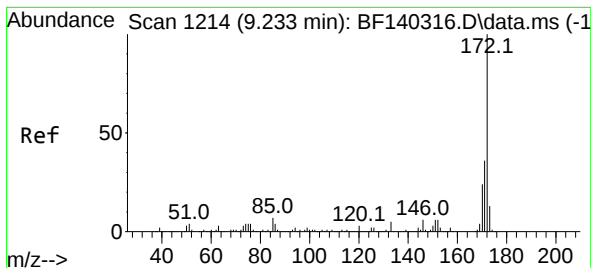
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#44
2,4,5-Trichlorophenol
Concen: 39.393 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:196 Resp: 298340
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
97 55.1 46.9 70.3
132 29.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 74.613 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion:172 Resp: 180614

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

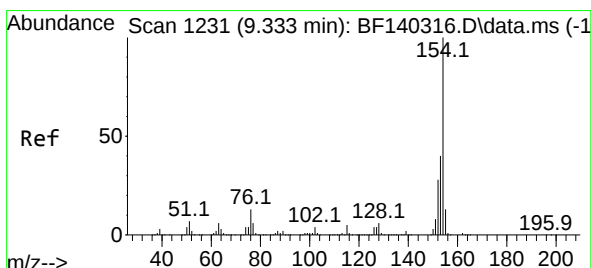
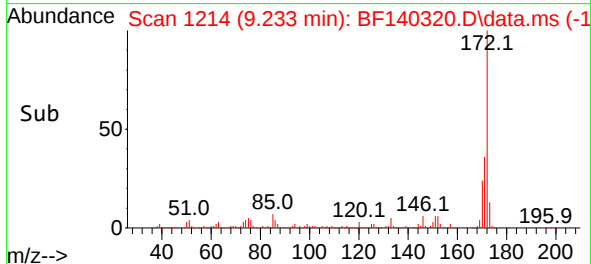
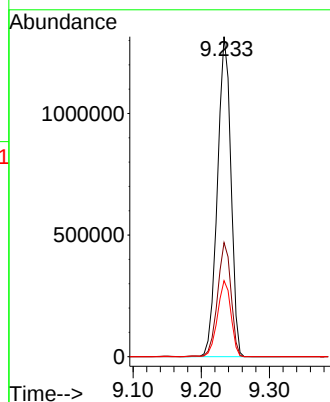
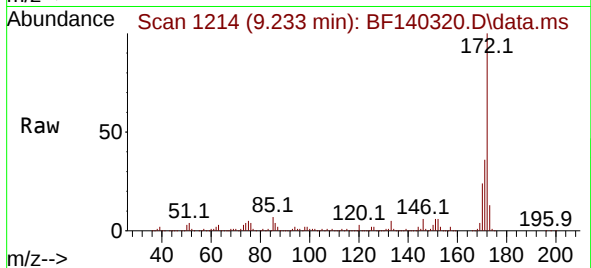
170 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#46

1,1'-Biphenyl

Concen: 38.199 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

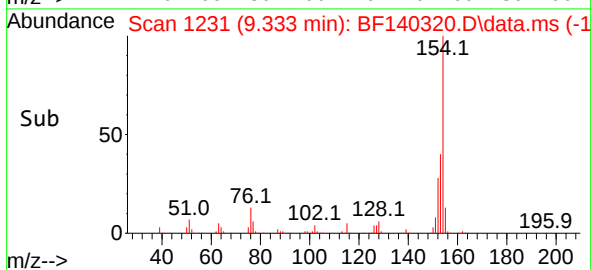
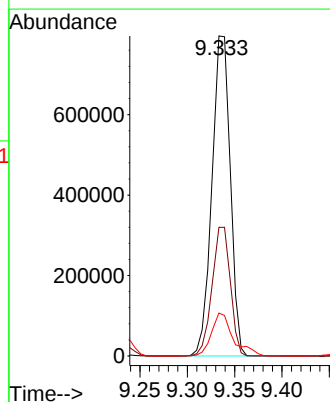
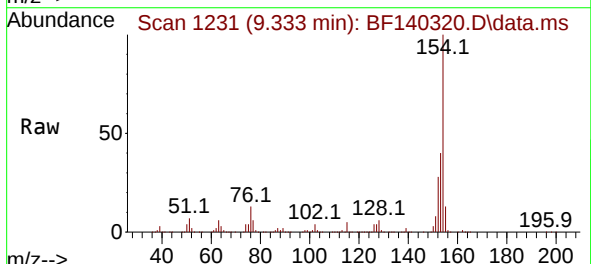
Tgt Ion:154 Resp: 1070498

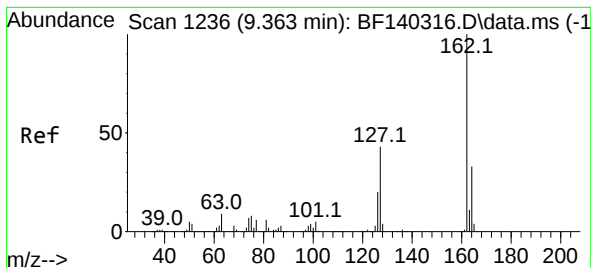
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 13.4 0.0 33.2





#47

2-Chloronaphthalene

Concen: 37.949 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

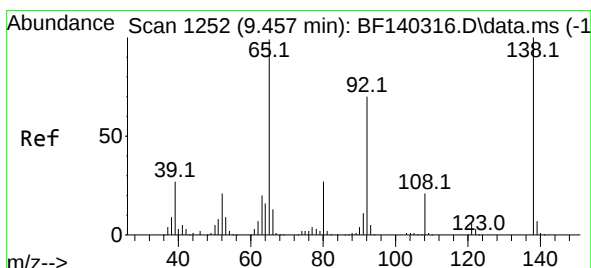
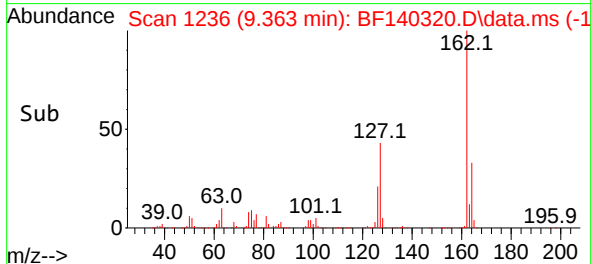
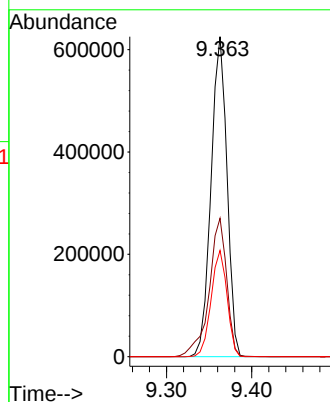
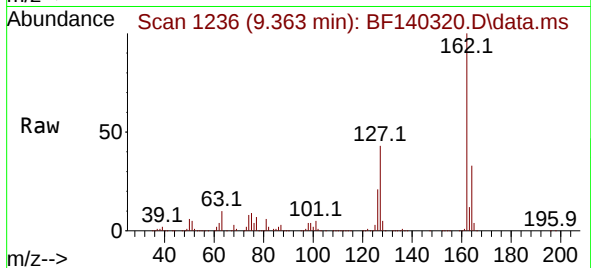
ClientSampleId :

ICVBF111124

Tgt Ion:162 Resp: 81379
 Ion Ratio Lower Upper
 162 100
 127 43.3 34.3 51.5
 164 33.2 26.2 39.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024



#48

2-Nitroaniline

Concen: 40.543 ng

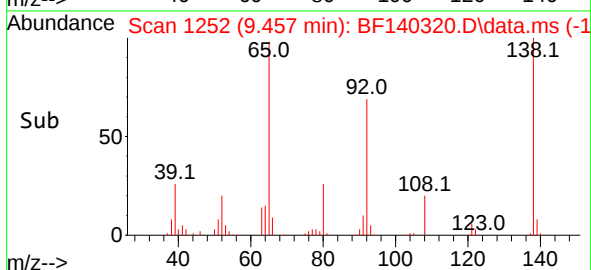
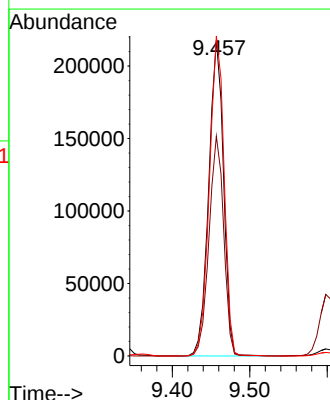
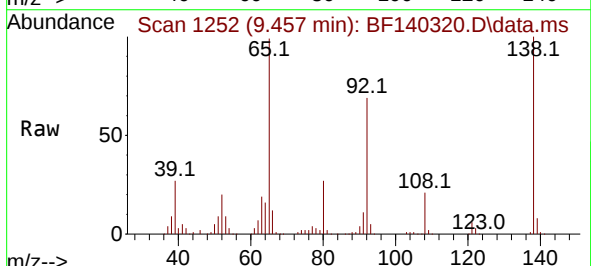
RT: 9.457 min Scan# 1252

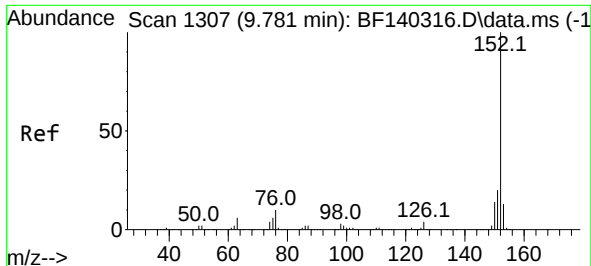
Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Tgt Ion: 65 Resp: 288073
 Ion Ratio Lower Upper
 65 100
 92 69.6 56.6 85.0
 138 101.3 81.0 121.4





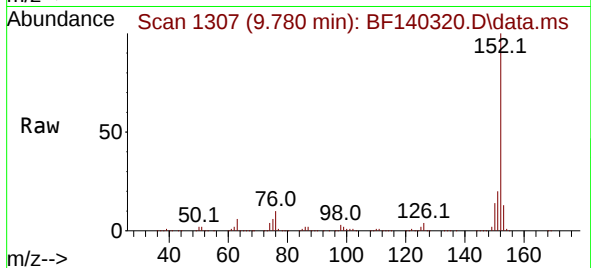
#49
Acenaphthylene
Concen: 38.418 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



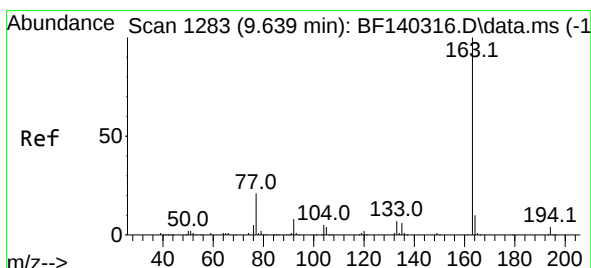
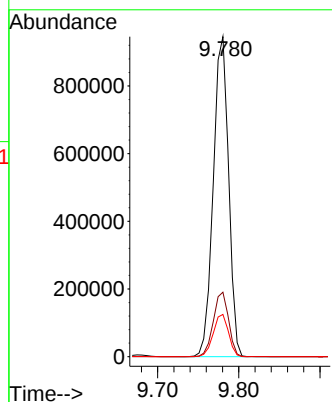
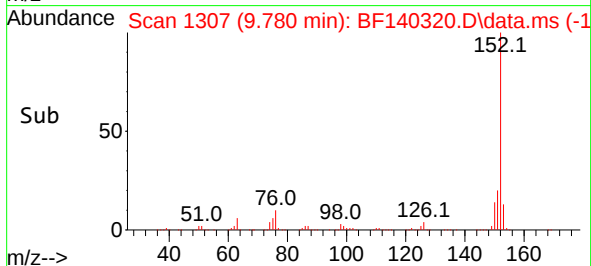
Tgt Ion:152 Resp: 123805
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations

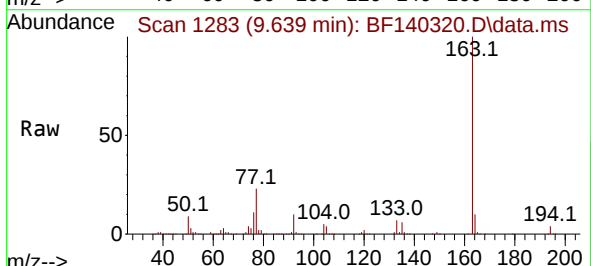
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

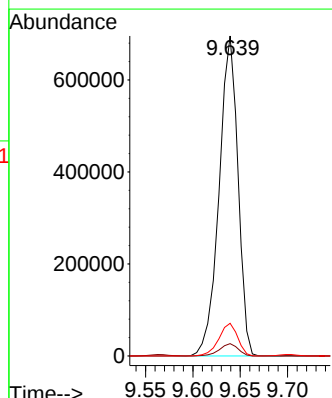
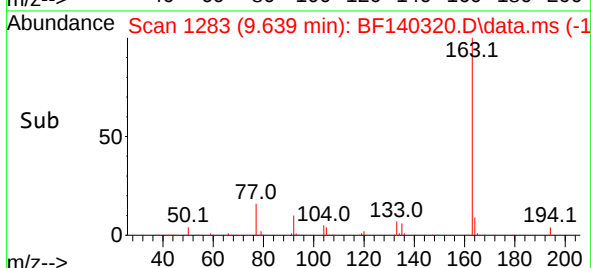
Supervised By :mohammad ahmed 11/13/2024

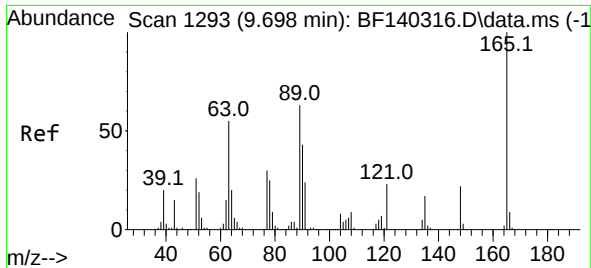


#50
Dimethylphthalate
Concen: 38.886 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:163 Resp: 965100
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





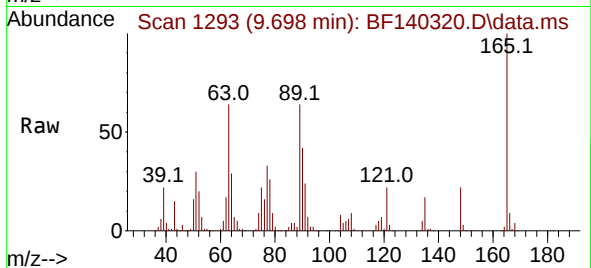
#51
2,6-Dinitrotoluene
Concen: 40.459 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



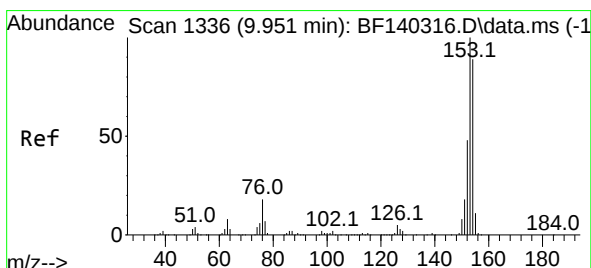
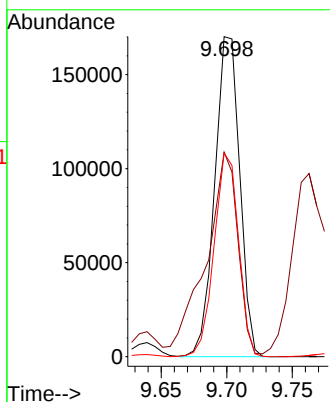
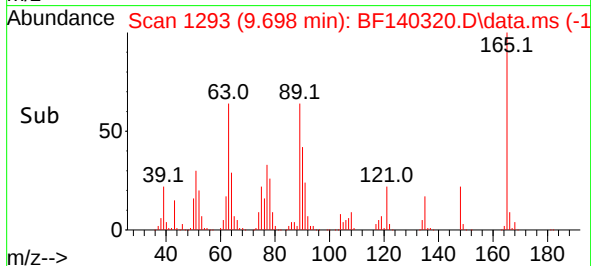
Tgt Ion:165 Resp: 225949
Ion Ratio Lower Upper
165 100
63 63.9 50.7 76.1
89 63.7 50.4 75.6

Manual Integrations

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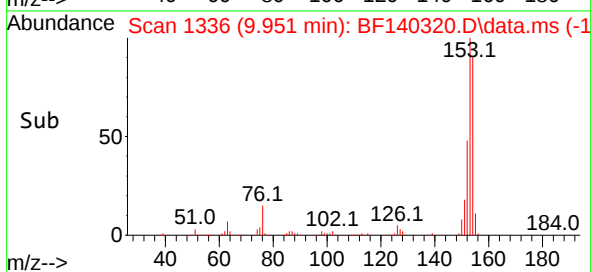
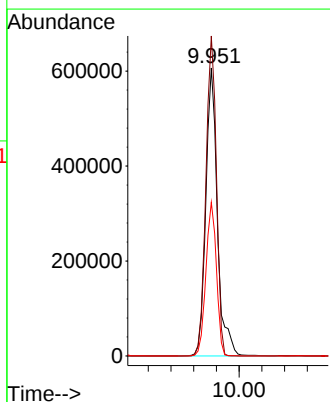
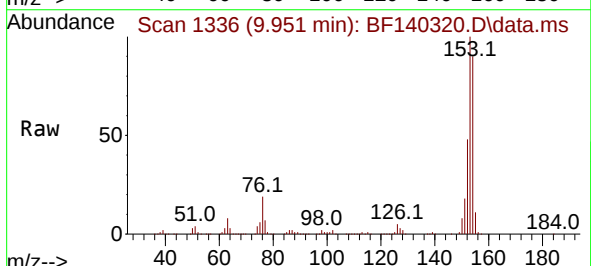
Reviewed By :Yogesh Patel 11/12/2024

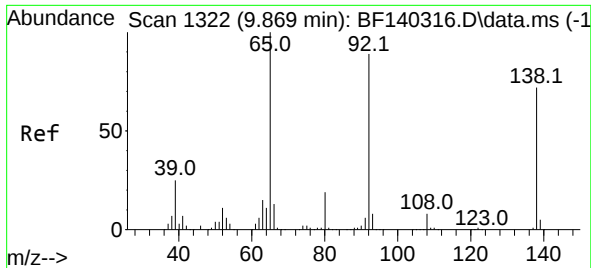
Supervised By :mohammad ahmed 11/13/2024



#52
Acenaphthene
Concen: 39.165 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:154 Resp: 854819
Ion Ratio Lower Upper
154 100
153 111.1 89.6 134.4
152 53.3 42.8 64.2





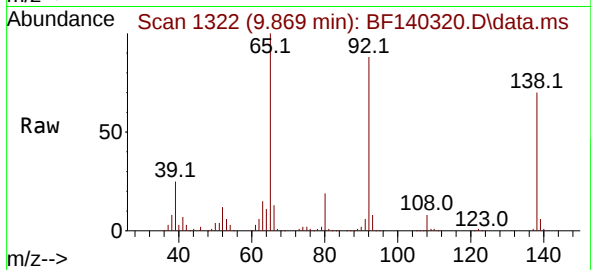
#53
3-Nitroaniline
Concen: 40.117 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



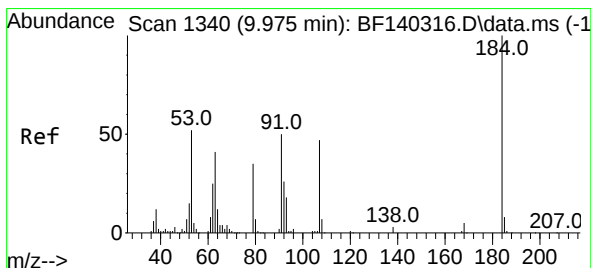
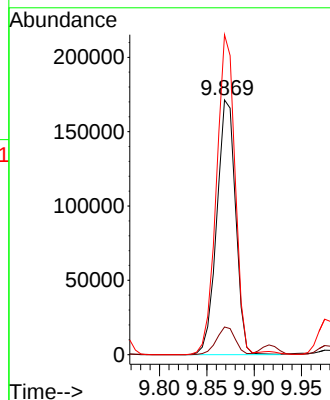
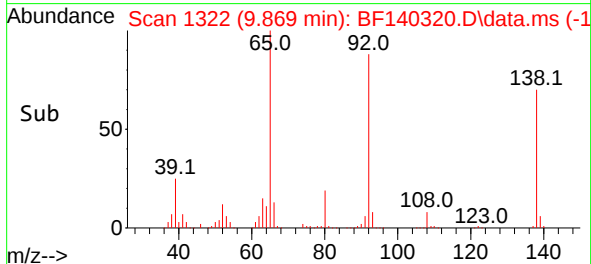
Tgt Ion:138 Resp: 23705
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 125.6 99.4 149.0

Manual Integrations

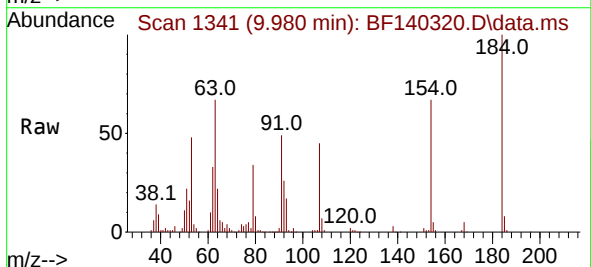
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

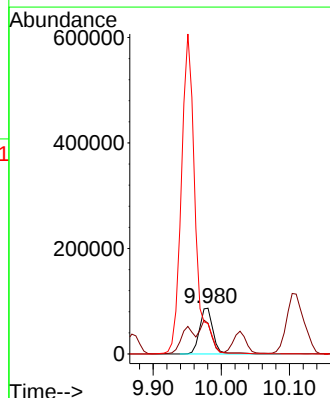
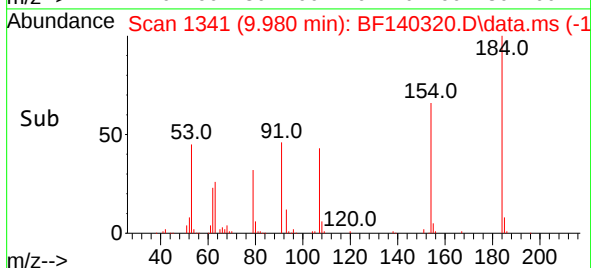
Supervised By :mohammad ahmed 11/13/2024

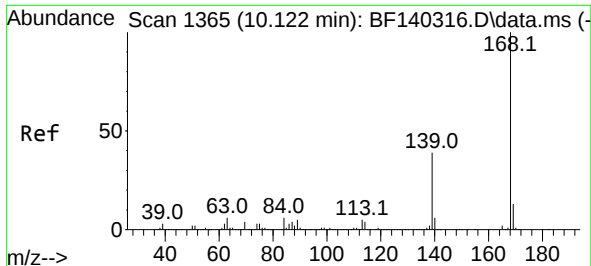


#54
2,4-Dinitrophenol
Concen: 42.320 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:184 Resp: 119577
Ion Ratio Lower Upper
184 100
63 67.4 56.9 85.3
154 66.6 54.6 82.0





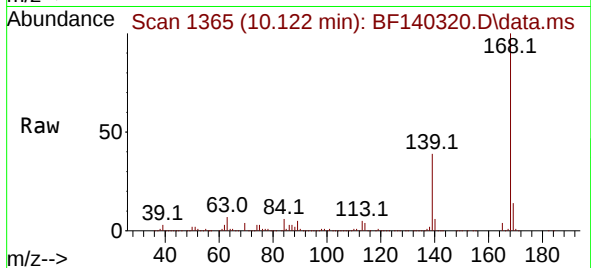
#55
Dibenzofuran
Concen: 38.748 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



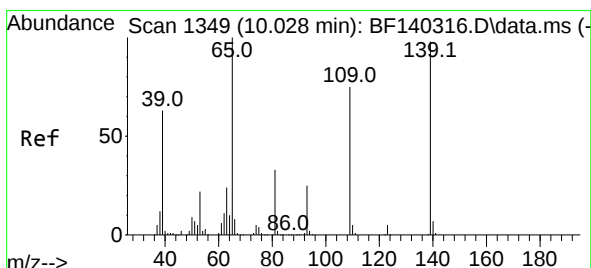
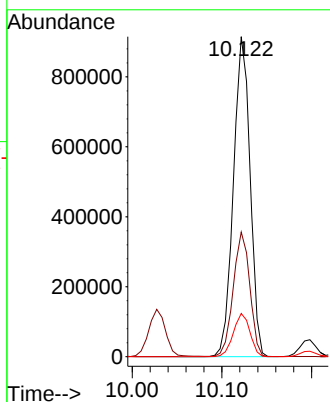
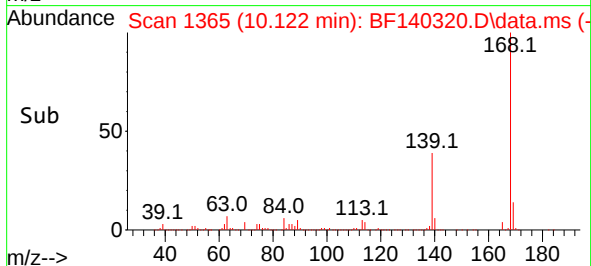
Tgt Ion:168 Resp: 1180844
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.4
169 13.5 10.7 16.1

Manual Integrations

APPROVED

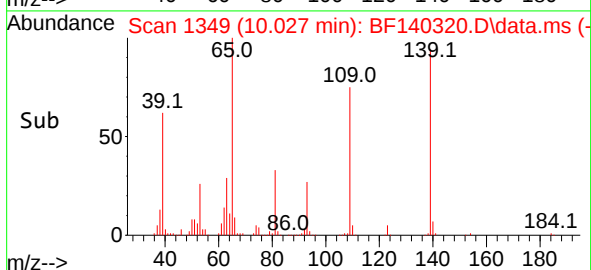
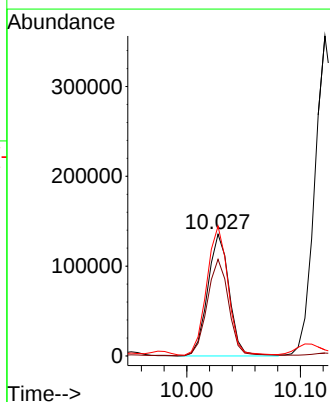
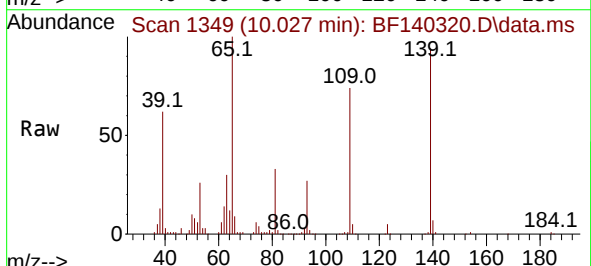
Reviewed By :Yogesh Patel 11/12/2024

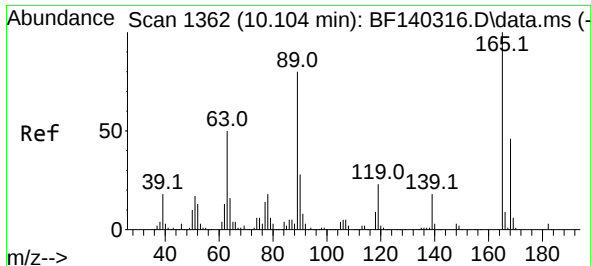
Supervised By :mohammad ahmed 11/13/2024



#56
4-Nitrophenol
Concen: 42.438 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:139 Resp: 178966
Ion Ratio Lower Upper
139 100
109 79.4 56.3 96.3
65 106.6 82.3 122.3





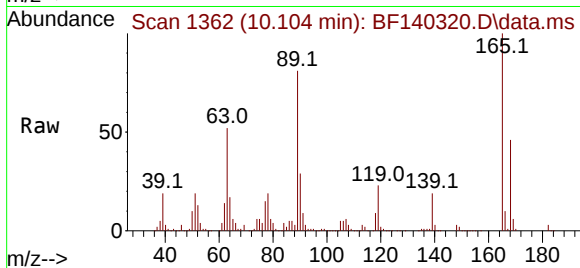
#57
2,4-Dinitrotoluene
Concen: 40.459 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



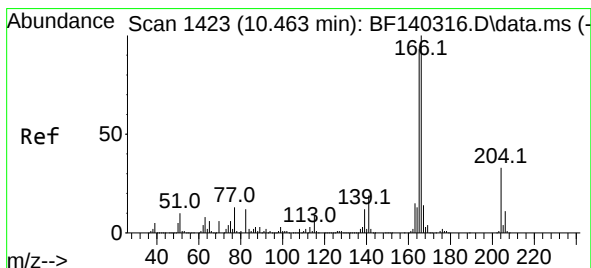
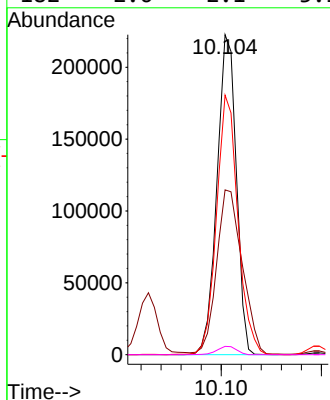
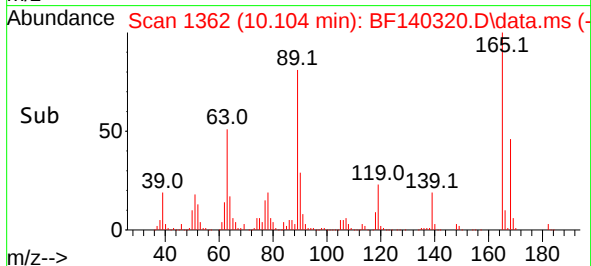
Tgt Ion:165 Resp: 297548
Ion Ratio Lower Upper
165 100
63 51.5 40.6 60.8
89 81.1 63.8 95.8
182 2.6 2.1 3.1

Manual Integrations

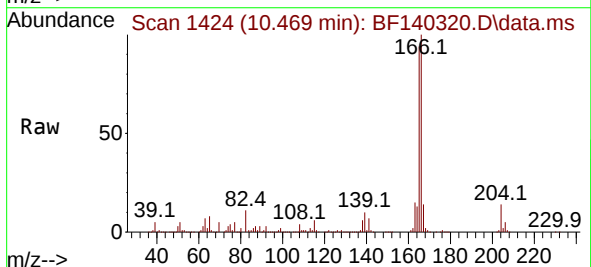
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

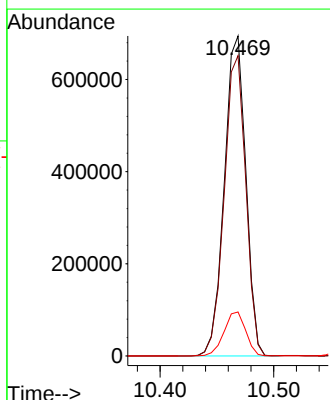
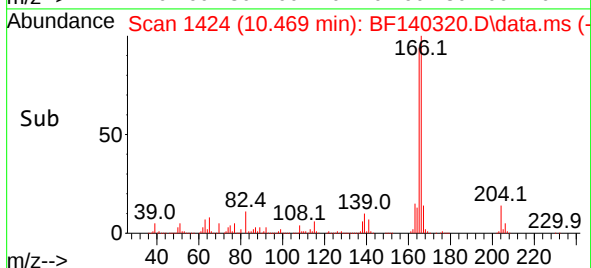
Supervised By :mohammad ahmed 11/13/2024

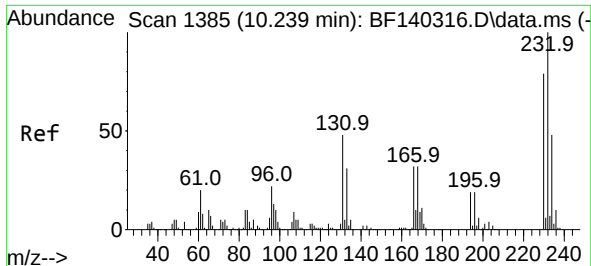


#58
Fluorene
Concen: 38.189 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



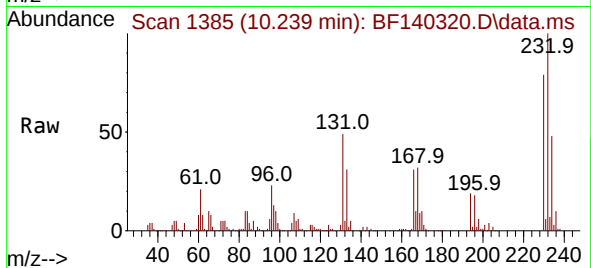
Tgt Ion:166 Resp: 914233
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.125 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

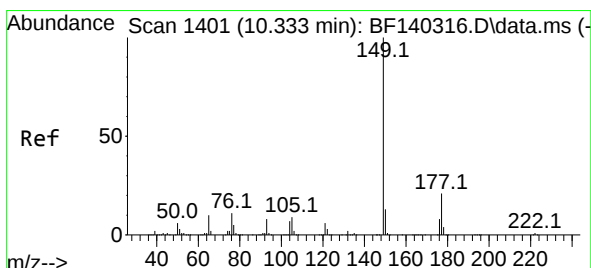
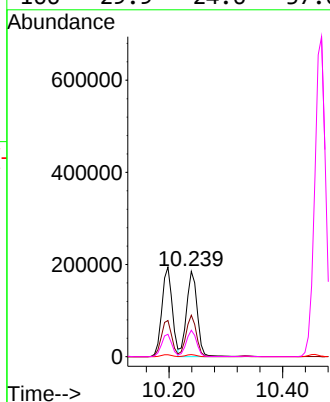
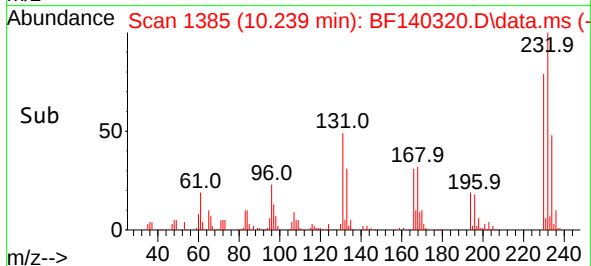
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



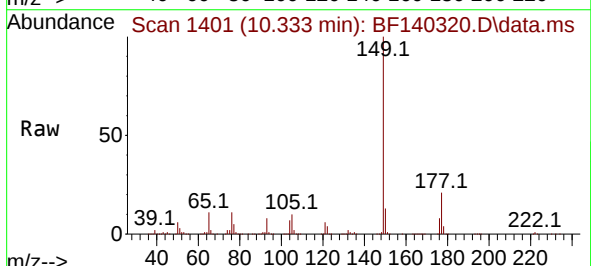
Tgt Ion:232 Resp: 241758
Ion Ratio Lower Upper
232 100
131 46.7 37.7 56.5
130 2.4 2.0 3.0
166 29.9 24.6 37.0

Manual Integrations
APPROVED

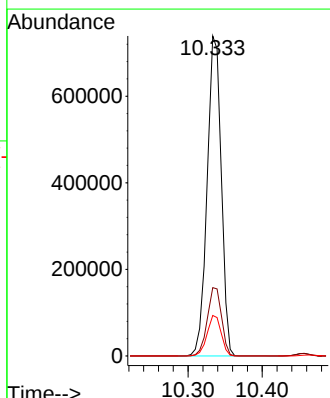
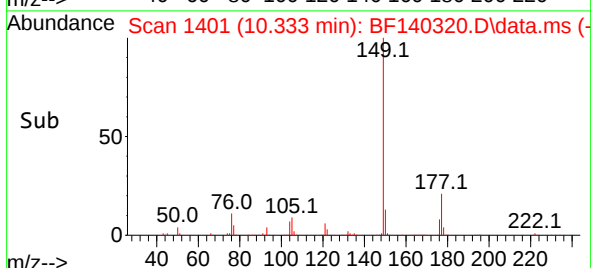
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

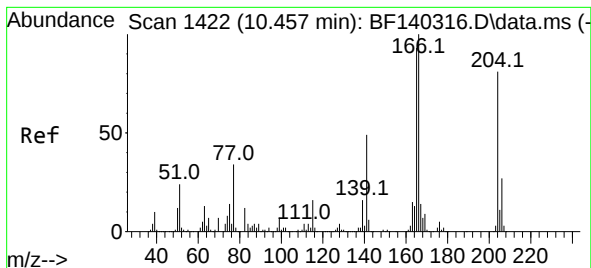


#60
Diethylphthalate
Concen: 38.666 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:149 Resp: 977376
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.578 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

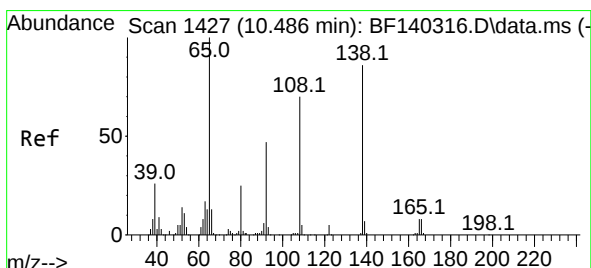
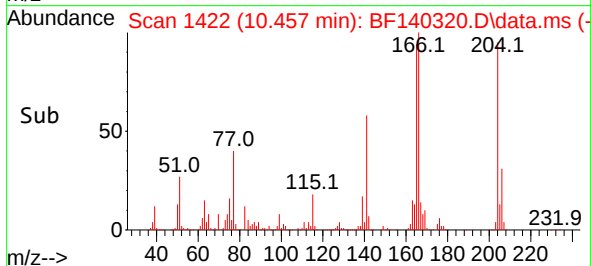
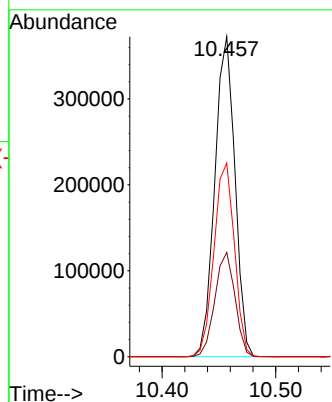
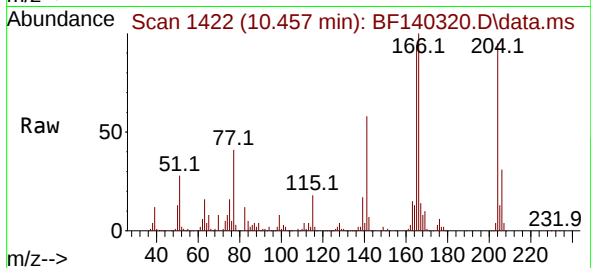
ICVBF111124

Tgt Ion:204 Resp: 459700
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 60.5 48.6 73.0

Manual Integrations

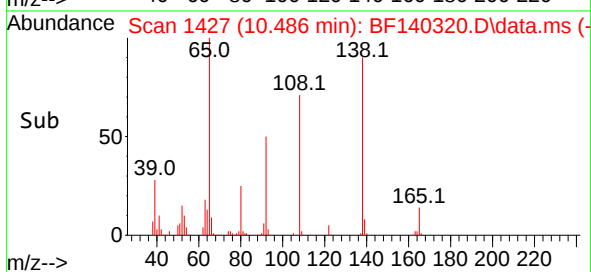
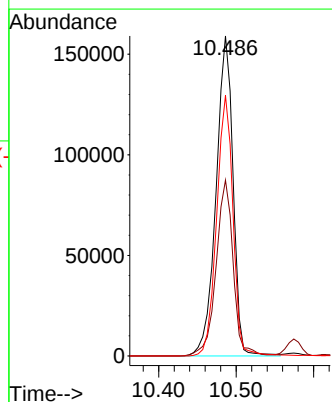
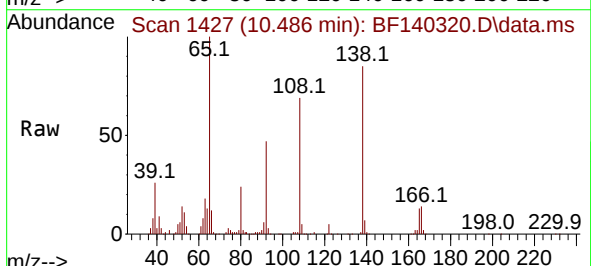
APPROVED

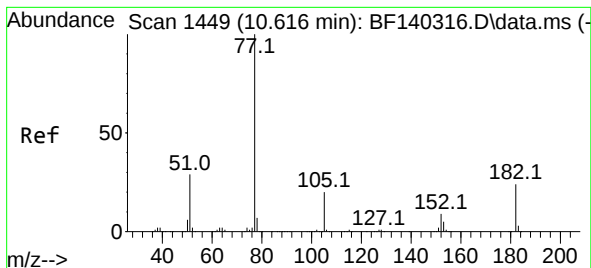
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#62
4-Nitroaniline
Concen: 41.039 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:138 Resp: 242711
Ion Ratio Lower Upper
138 100
92 55.0 34.0 74.0
108 81.4 61.4 101.4





#63

Azobenzene

Concen: 39.219 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion: 77 Resp: 98975

Ion Ratio Lower Upper

77 100

182 22.9 3.4 43.4

105 20.2 0.3 40.3

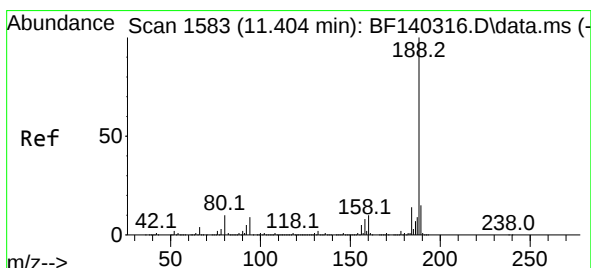
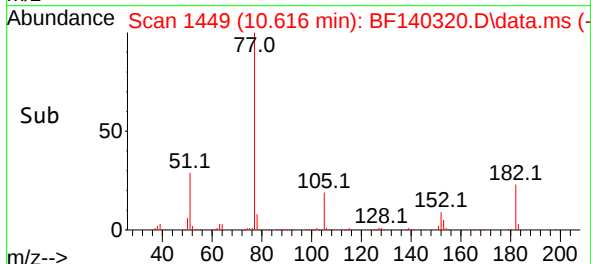
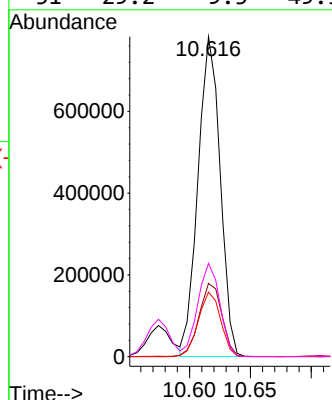
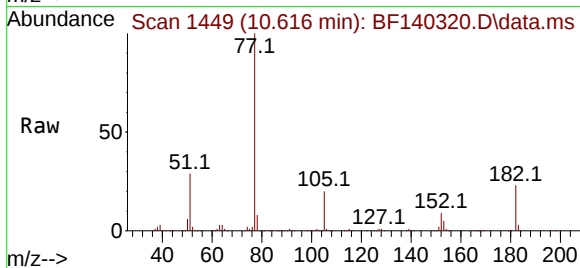
51 29.2 9.5 49.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

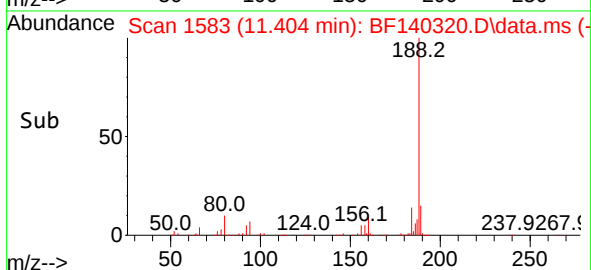
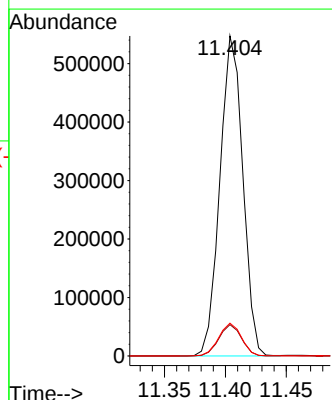
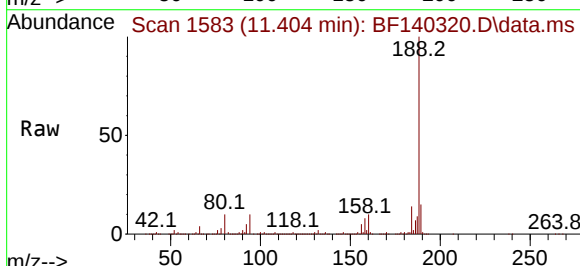
Tgt Ion:188 Resp: 717710

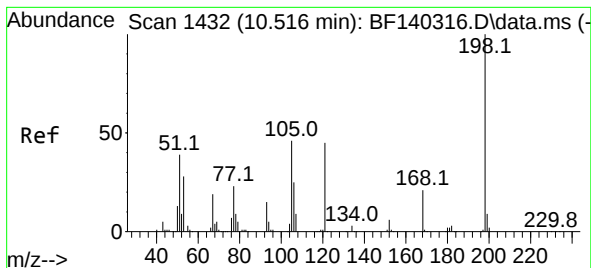
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.232 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

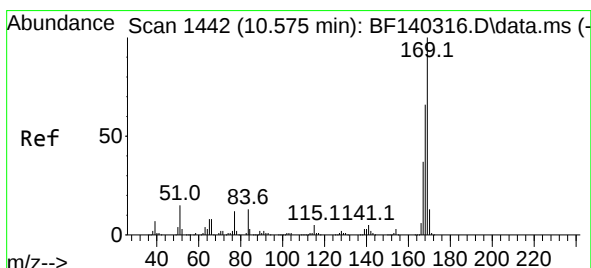
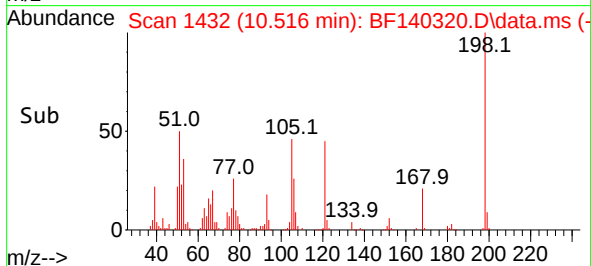
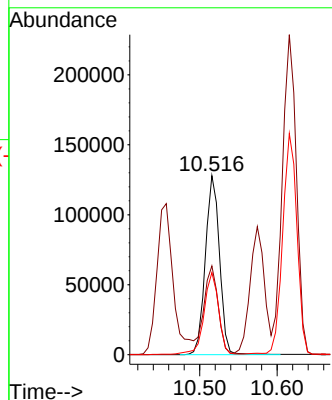
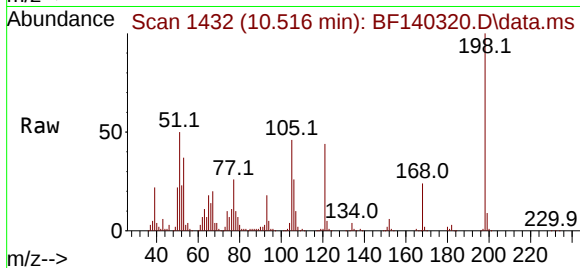
ClientSampleId :

ICVBF111124

Tgt Ion:198 Resp: 16235
Ion Ratio Lower Upper
198 100
51 49.6 29.7 69.7
105 45.8 26.9 66.9

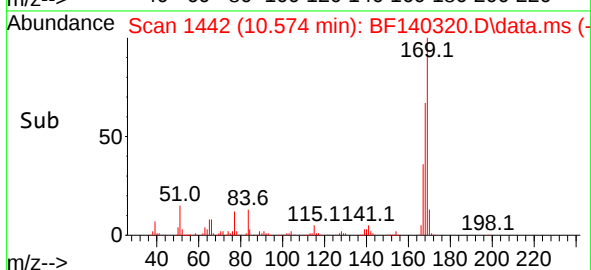
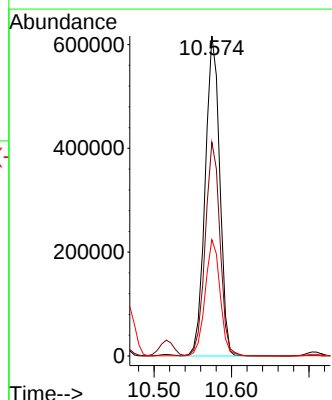
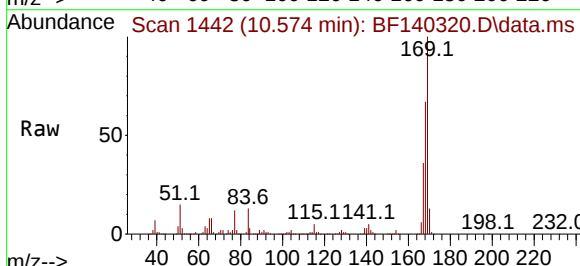
Manual Integrations
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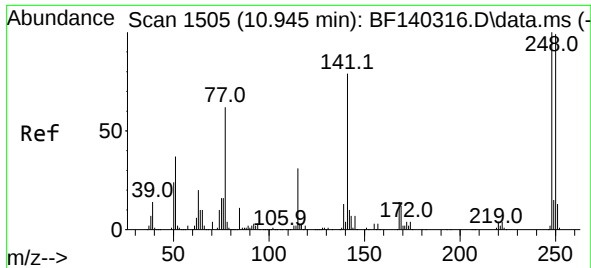
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#66
n-Nitrosodiphenylamine
Concen: 38.315 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:169 Resp: 801852
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.4 29.4 44.0





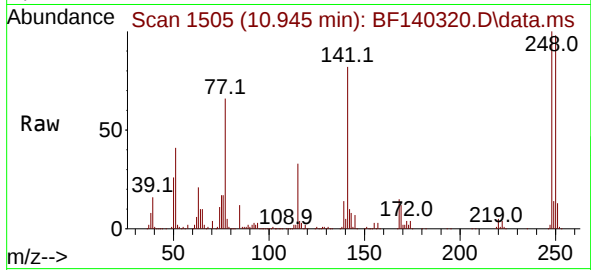
#67
4-Bromophenyl-phenylether
Concen: 38.177 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



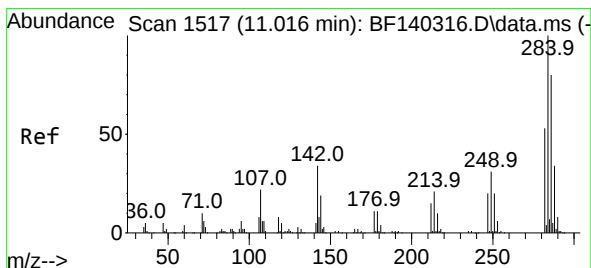
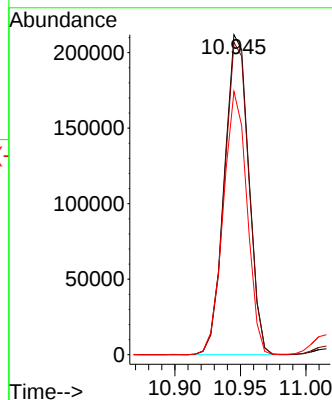
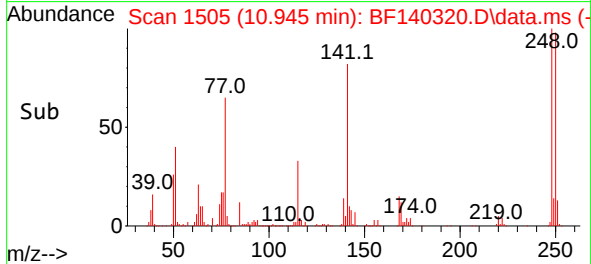
Tgt Ion:248 Resp: 27454
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 82.2 63.5 95.3

Manual Integrations

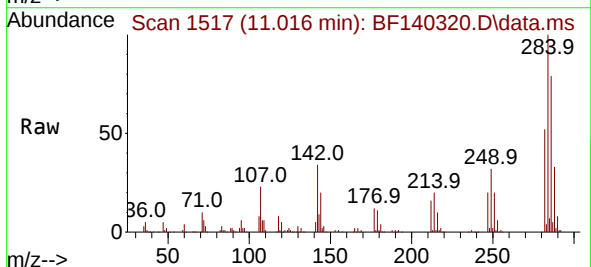
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

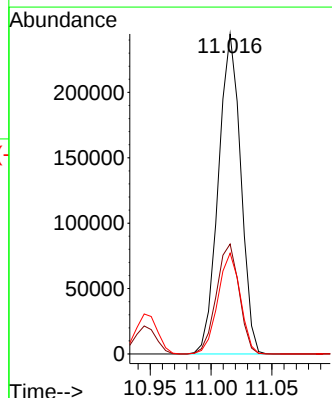
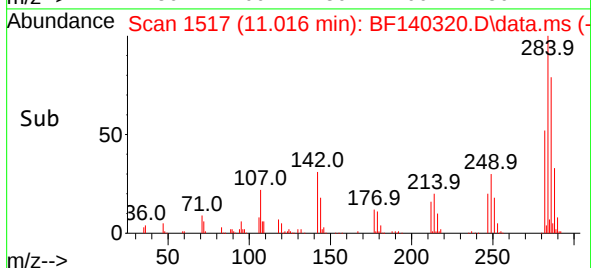
Supervised By :mohammad ahmed 11/13/2024

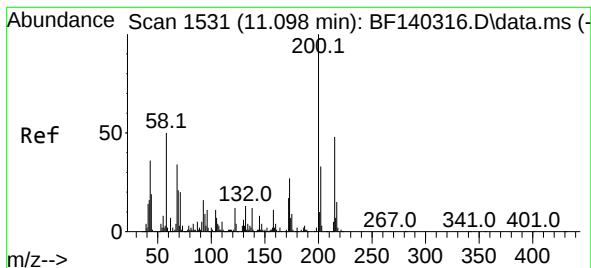


#68
Hexachlorobenzene
Concen: 38.842 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:284 Resp: 312840
Ion Ratio Lower Upper
284 100
142 34.3 27.2 40.8
249 31.5 25.1 37.7





#69

Atrazine

Concen: 40.422 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion:200 Resp: 21074

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

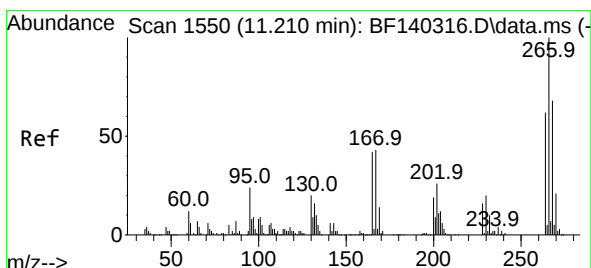
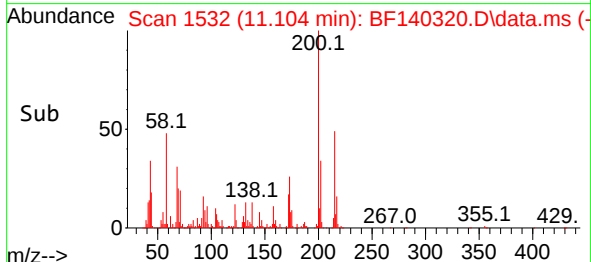
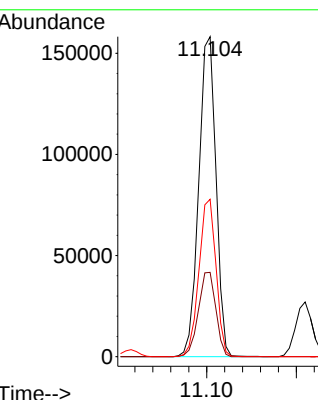
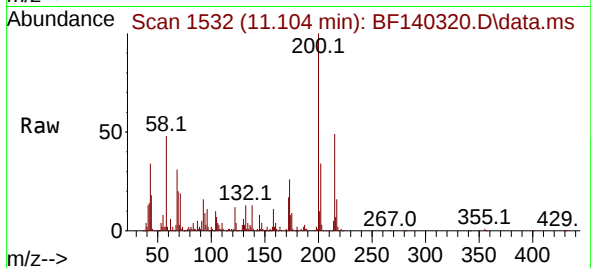
215 49.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#70

Pentachlorophenol

Concen: 42.228 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

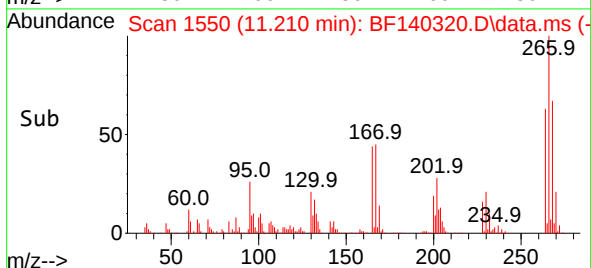
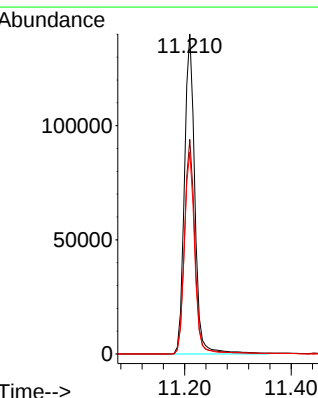
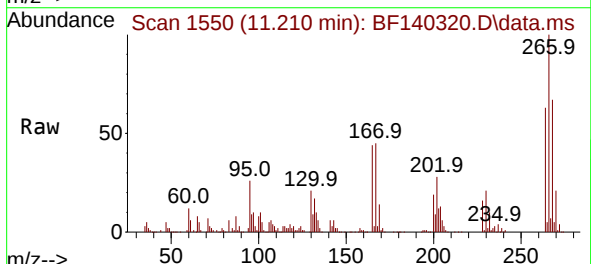
Tgt Ion:266 Resp: 190206

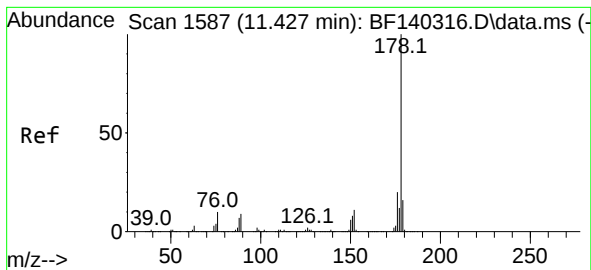
Ion Ratio Lower Upper

266 100

268 67.1 54.0 81.0

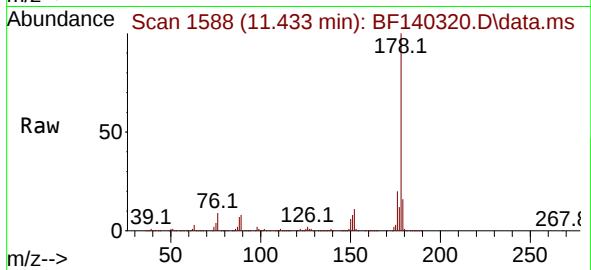
264 63.2 49.4 74.2





#71
Phenanthrene
Concen: 37.784 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

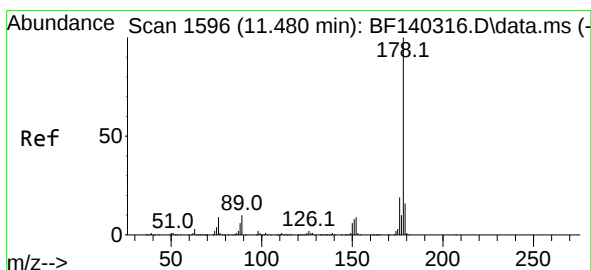
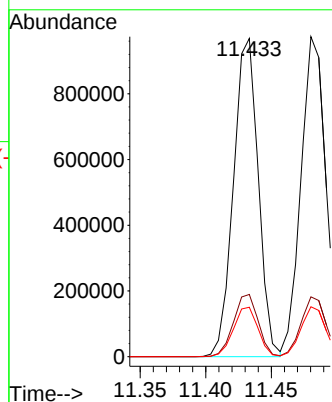
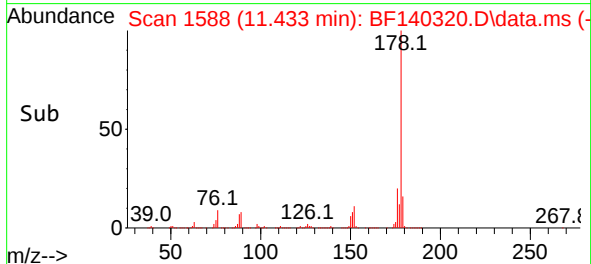
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion:178 Resp: 127434
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.6 19.0

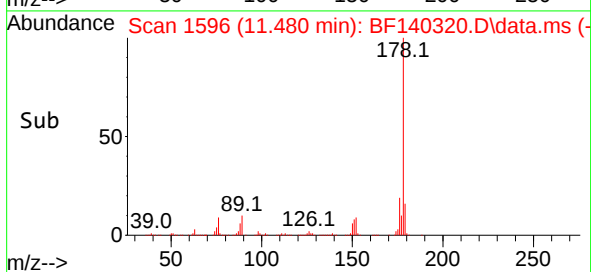
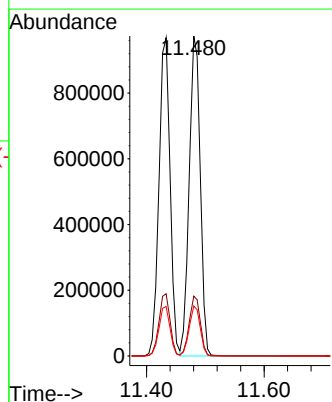
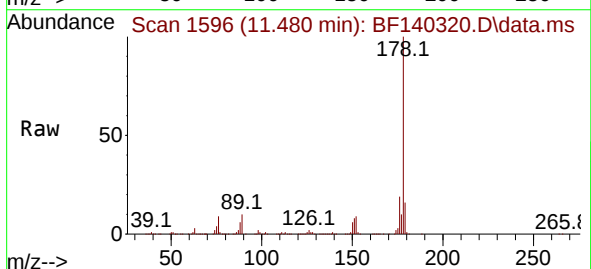
Manual Integrations
APPROVED

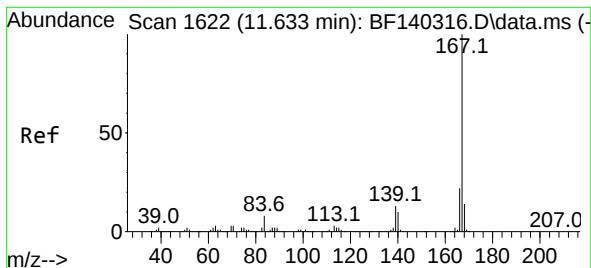
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#72
Anthracene
Concen: 38.534 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:178 Resp: 1270572
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.4 18.6





#73

Carbazole

Concen: 38.543 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140320.D

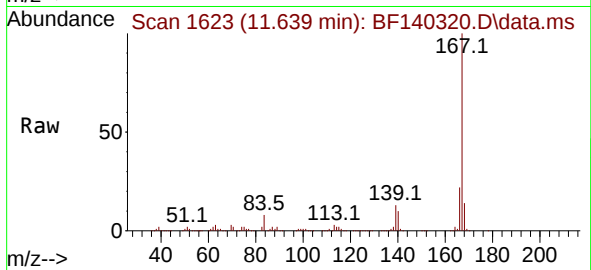
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



Tgt Ion:167 Resp: 1244550

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

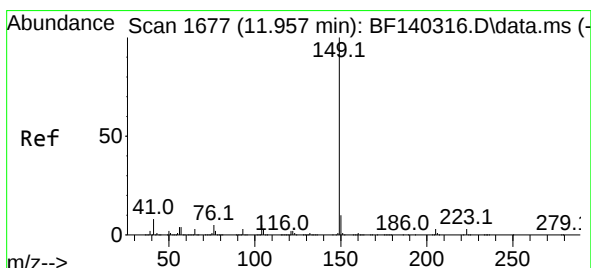
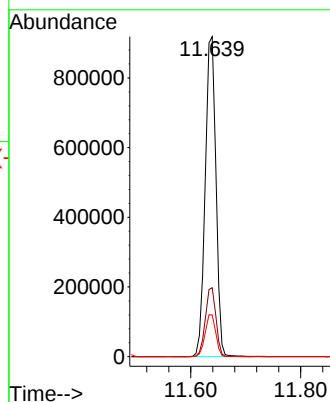
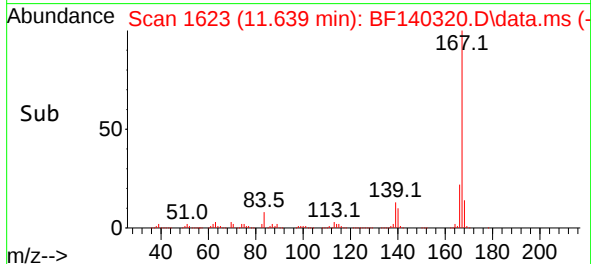
139 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#74

Di-n-butylphthalate

Concen: 39.125 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

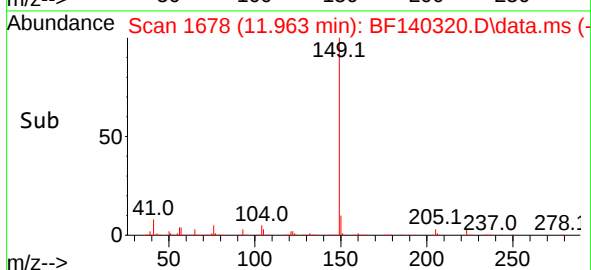
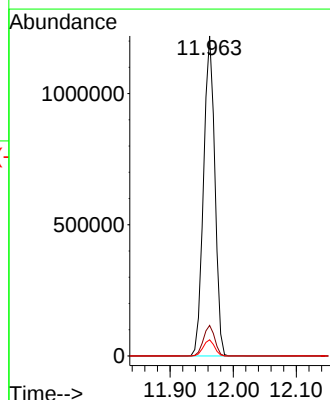
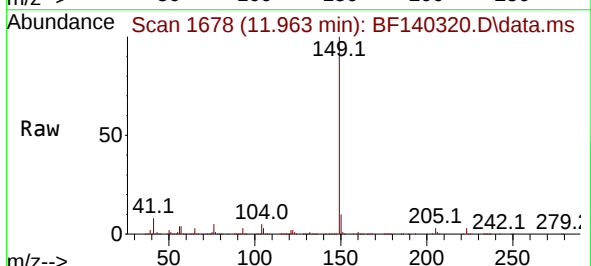
Tgt Ion:149 Resp: 1511925

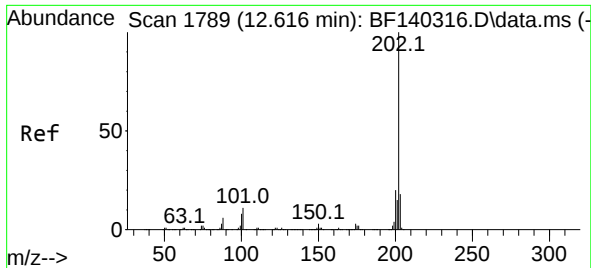
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

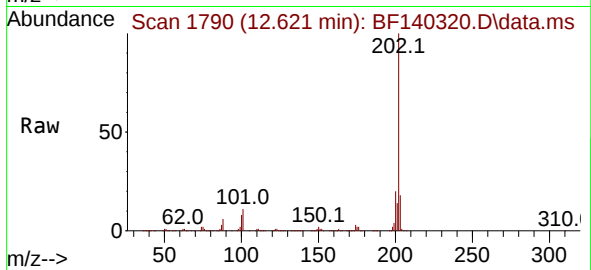
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 38.160 ng
RT: 12.621 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

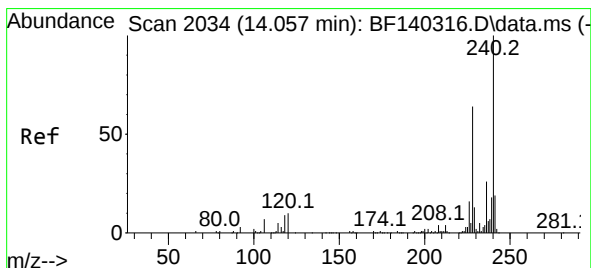
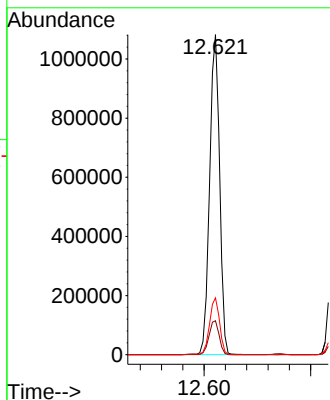
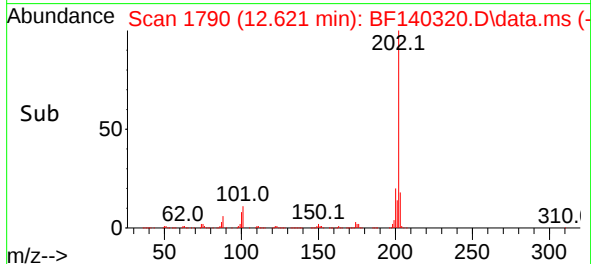
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



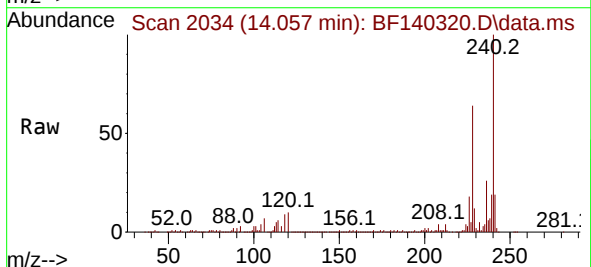
Tgt Ion:202 Resp: 1409130
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 17.8 0.0 37.9

Manual Integrations
APPROVED

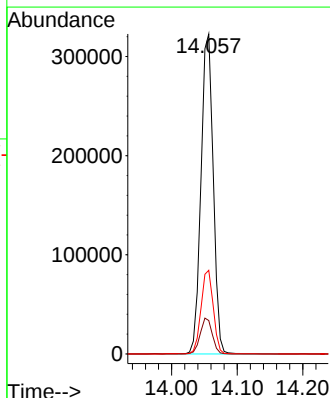
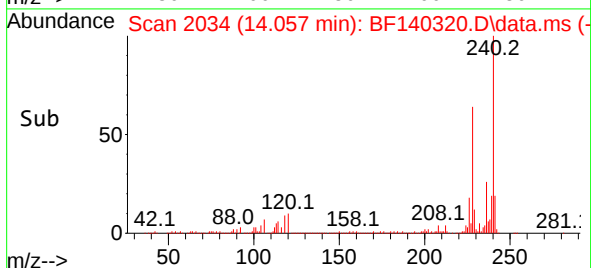
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

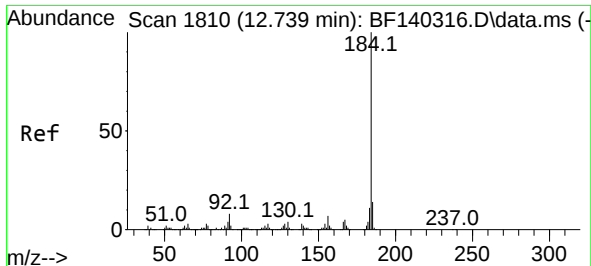


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



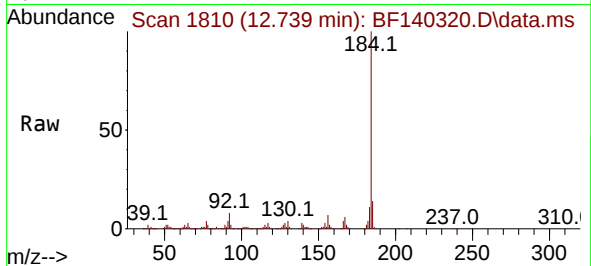
Tgt Ion:240 Resp: 420185
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.2 20.9 31.3





#77
Benzidine
Concen: 44.595 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

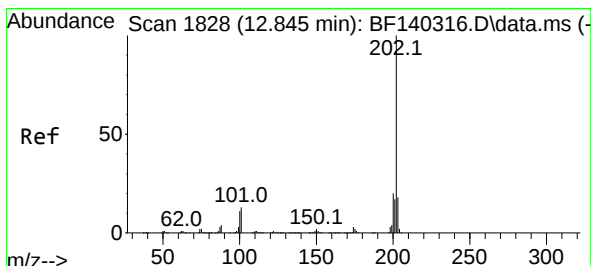
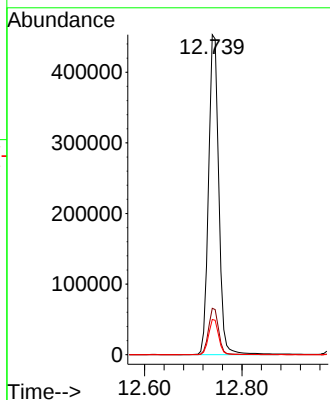
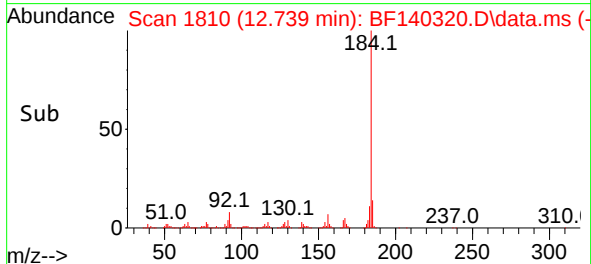
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion:184 Resp: 65660
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.0 8.6 13.0

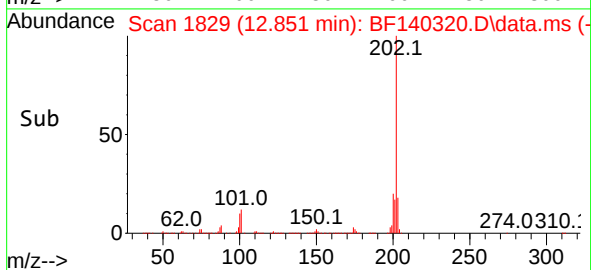
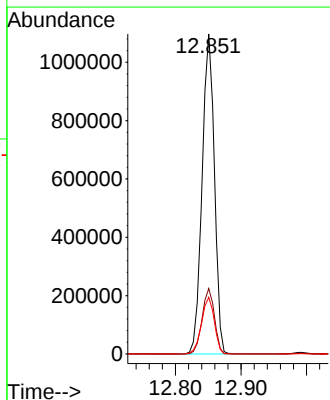
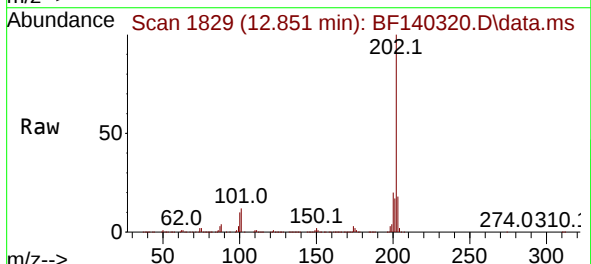
Manual Integrations
APPROVED

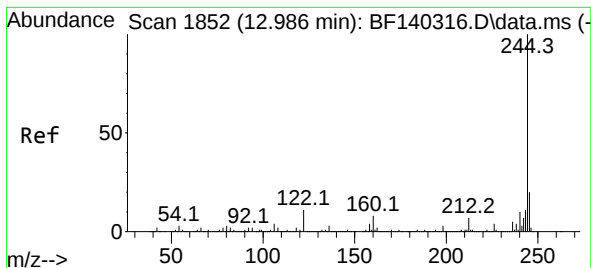
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#78
Pyrene
Concen: 38.784 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:202 Resp: 1434688
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 76.353 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140320.D

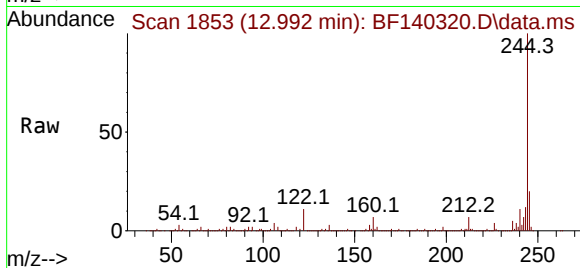
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



Tgt Ion:244 Resp: 187099

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

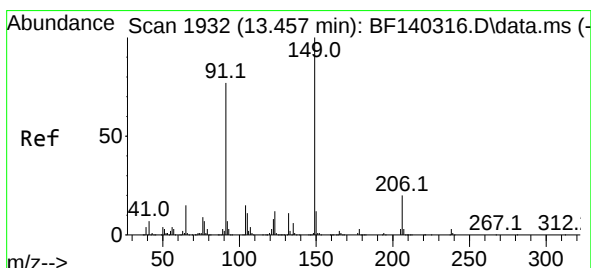
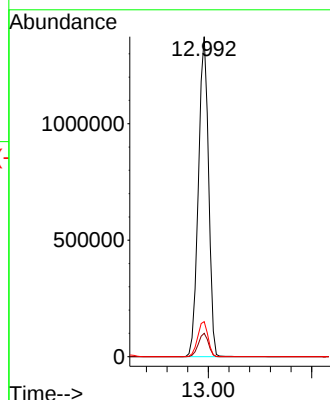
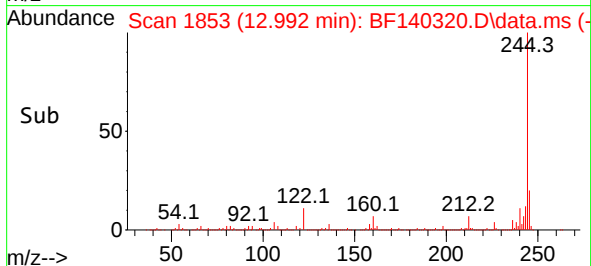
122 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#80

Butylbenzylphthalate

Concen: 41.007 ng

RT: 13.462 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

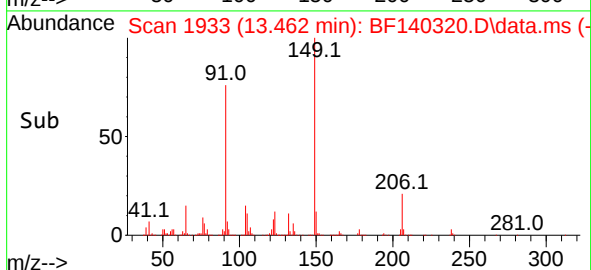
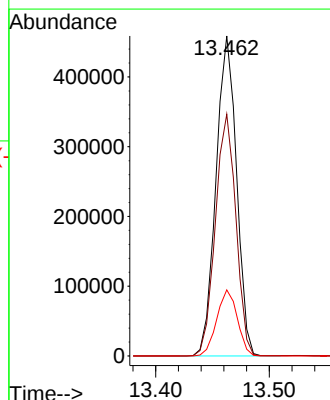
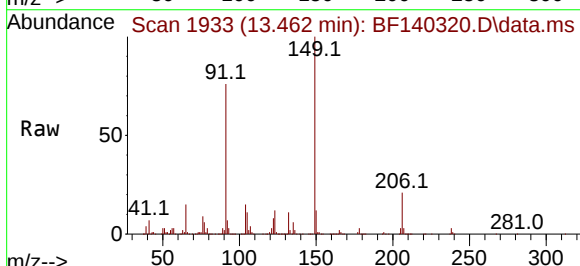
Tgt Ion:149 Resp: 577308

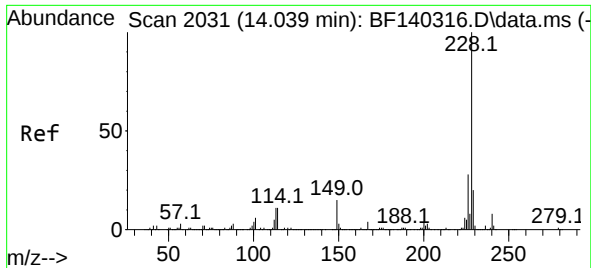
Ion Ratio Lower Upper

149 100

91 75.5 61.9 92.9

206 20.7 16.2 24.4





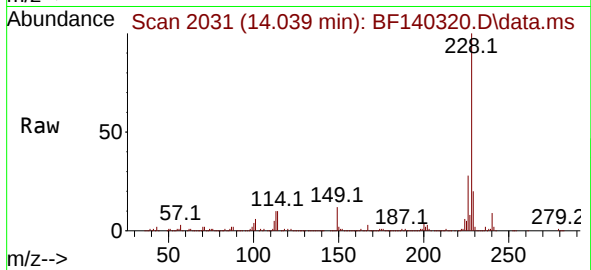
#81
Benzo(a)anthracene
Concen: 39.688 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124



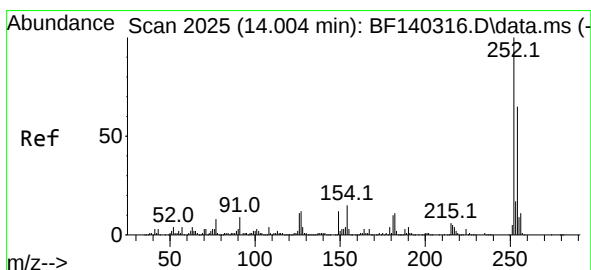
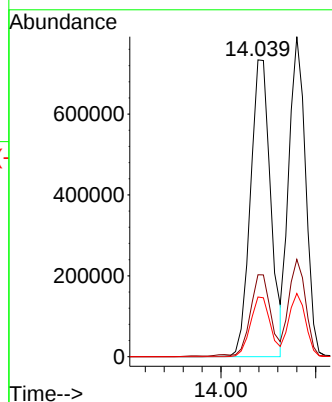
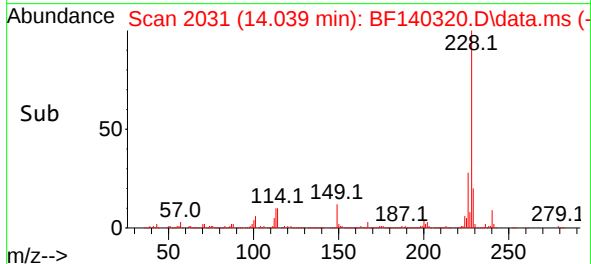
Tgt Ion:228 Resp: 1091800
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.1 15.9 23.9

Manual Integrations

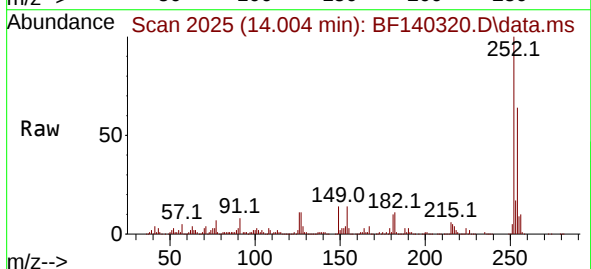
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

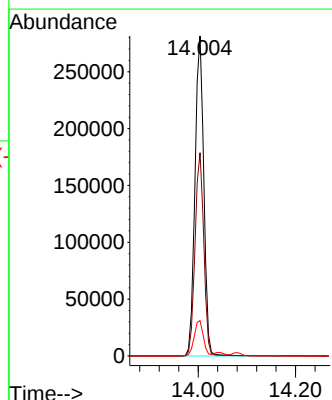
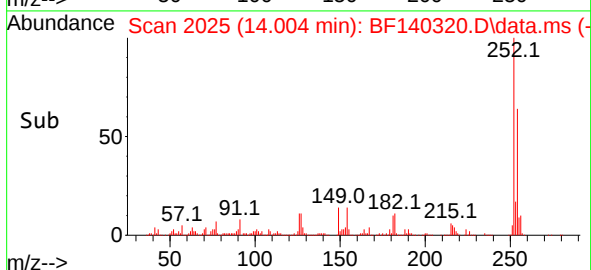
Supervised By :mohammad ahmed 11/13/2024

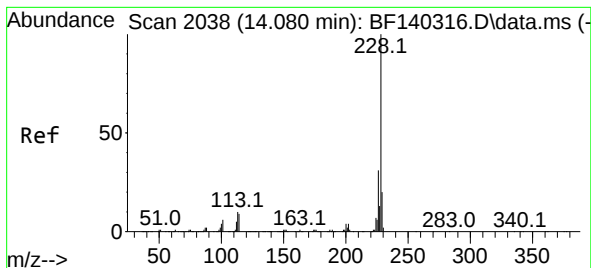


#82
3,3'-Dichlorobenzidine
Concen: 40.445 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30



Tgt Ion:252 Resp: 356311
Ion Ratio Lower Upper
252 100
254 63.5 52.0 78.0
126 11.0 9.0 13.4





#83

Chrysene

Concen: 38.666 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

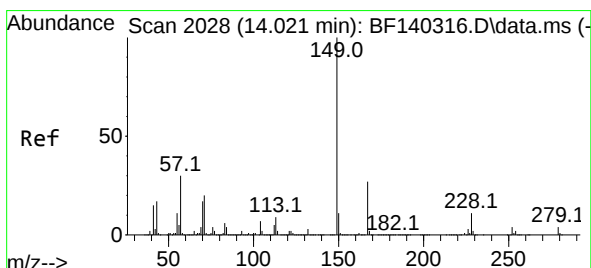
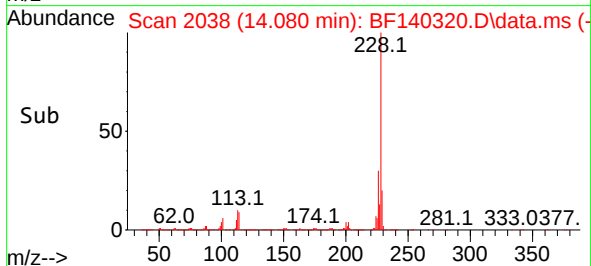
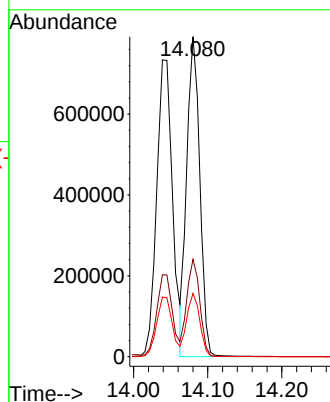
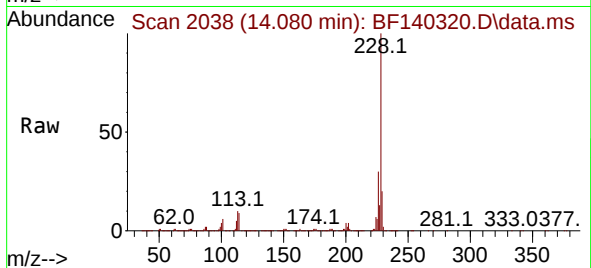
Tgt Ion:	228	Resp:	97355
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.653 ng

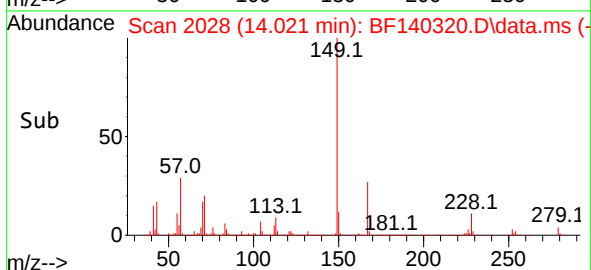
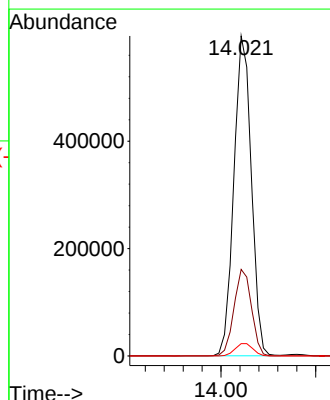
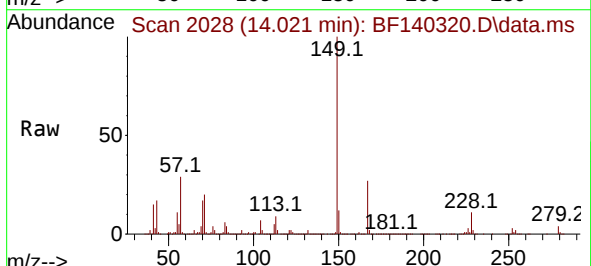
RT: 14.021 min Scan# 2028

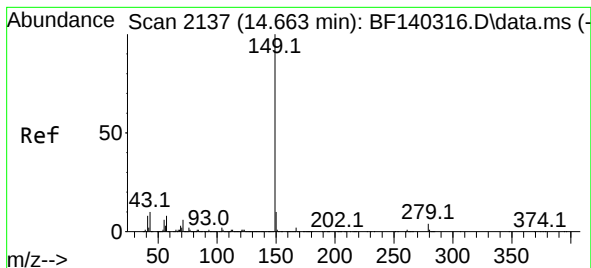
Delta R.T. -0.000 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

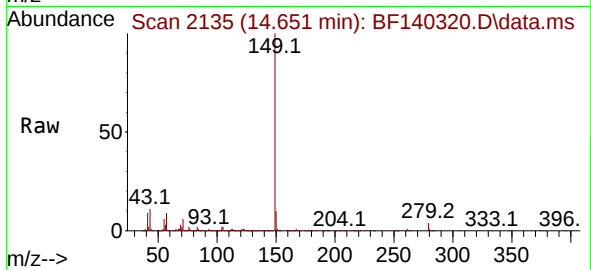
Tgt Ion:	149	Resp:	761681
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.5	32.3
279	3.8	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 40.943 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

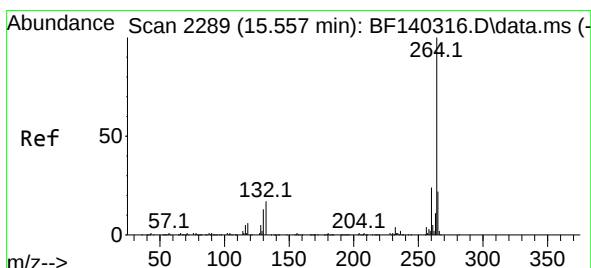
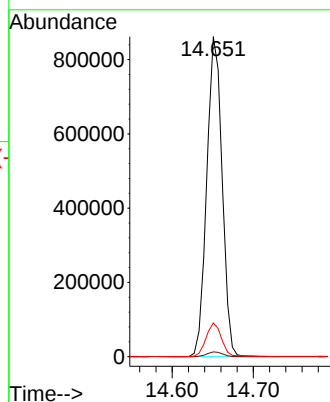
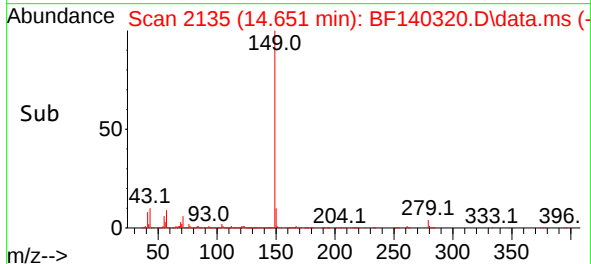
Instrument :
BNA_F
ClientSampleId :
ICVBF111124



Tgt Ion:149 Resp: 112841
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6

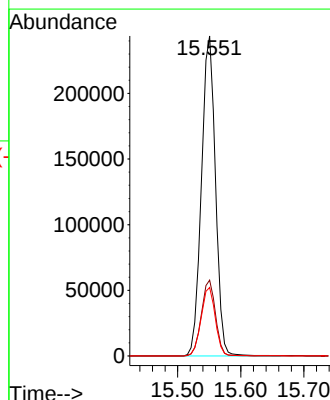
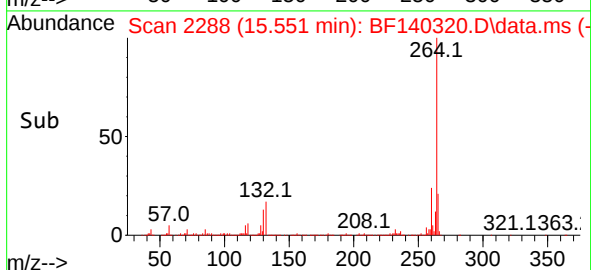
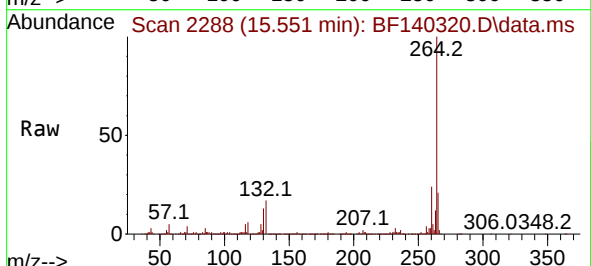
Manual Integrations
APPROVED

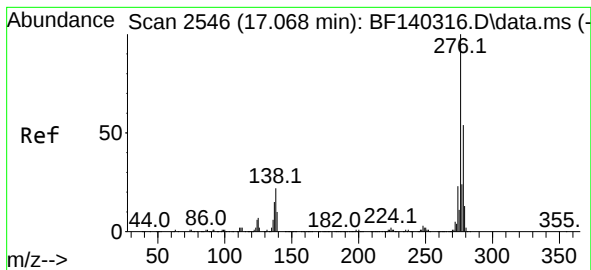
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:264 Resp: 376807
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.523 ng

RT: 17.062 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion:276 Resp: 94146

Ion Ratio Lower Upper

276 100

138 23.4 18.6 28.0

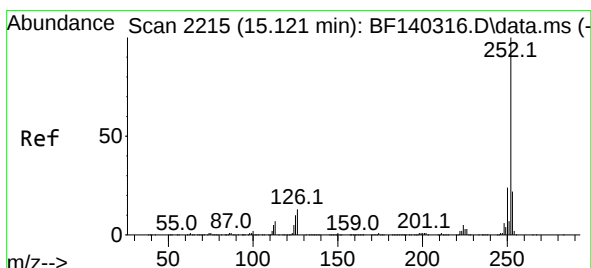
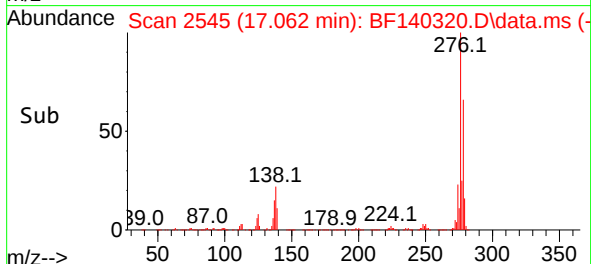
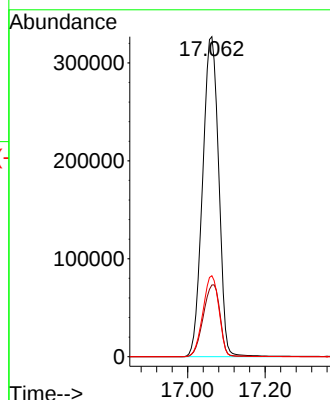
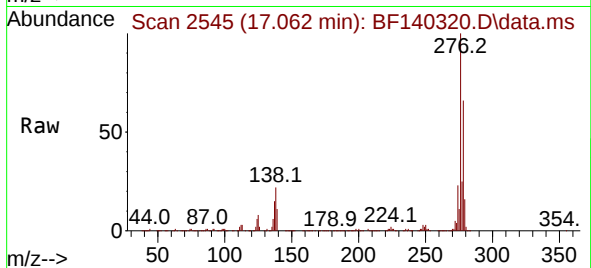
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#88

Benzo(b)fluoranthene

Concen: 38.471 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

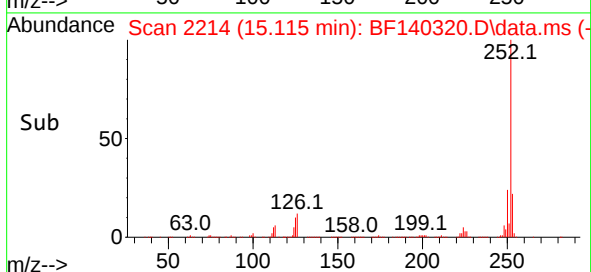
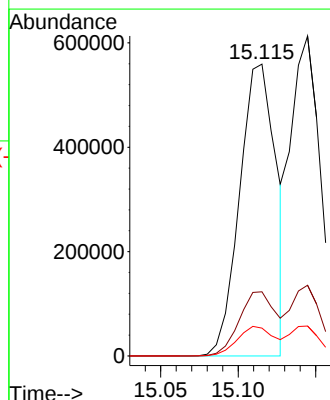
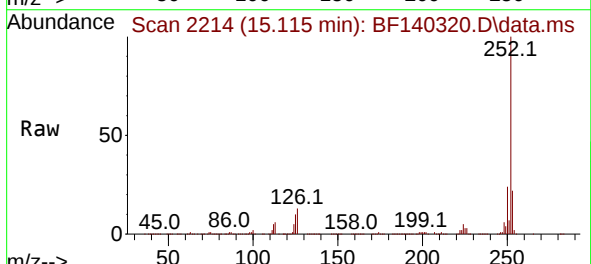
Tgt Ion:252 Resp: 912377

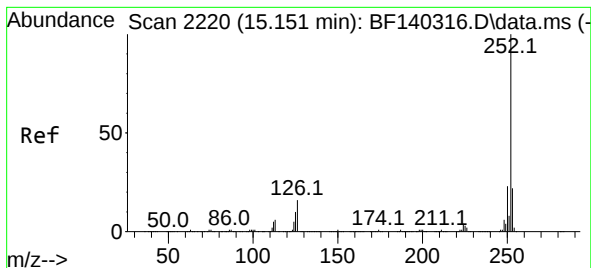
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.6 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 41.355 ng

RT: 15.145 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF111124

Tgt Ion:252 Resp: 82466

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

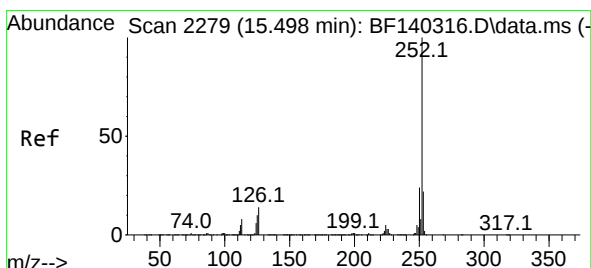
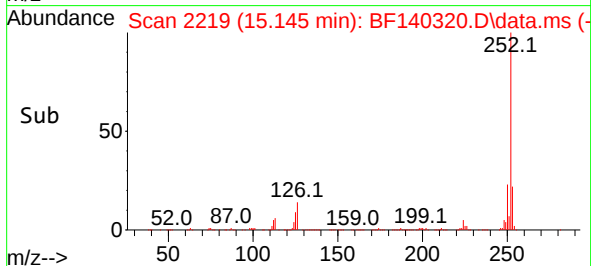
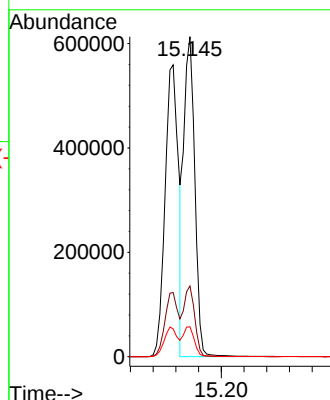
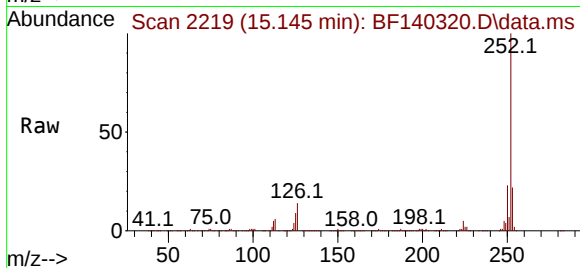
125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#90

Benzo(a)pyrene

Concen: 39.606 ng

RT: 15.486 min Scan# 2277

Delta R.T. -0.012 min

Lab File: BF140320.D

Acq: 11 Nov 2024 16:30

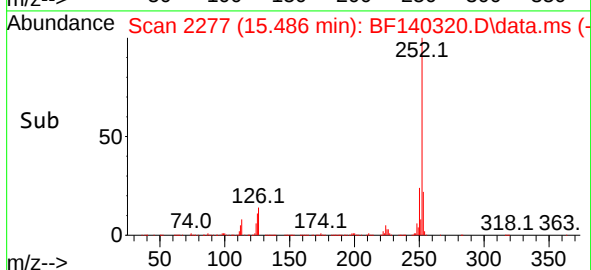
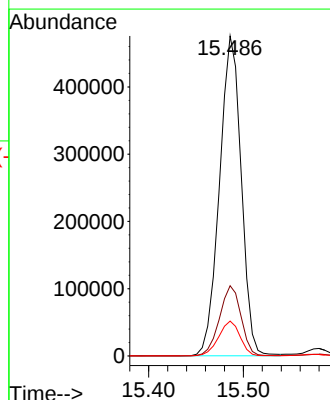
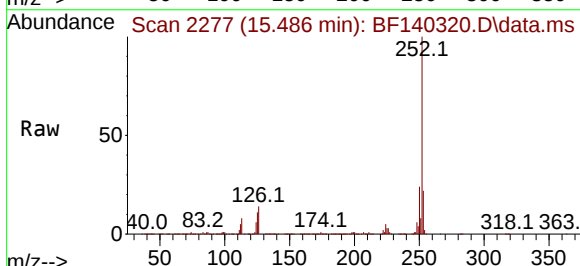
Tgt Ion:252 Resp: 758538

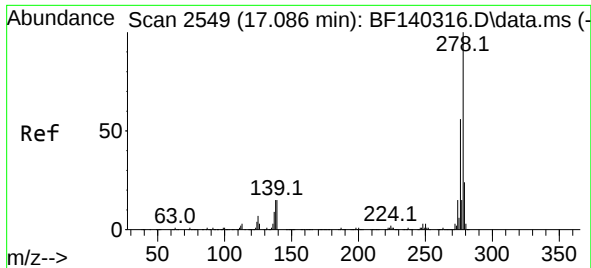
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.9 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 40.944 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Instrument :

BNA_F

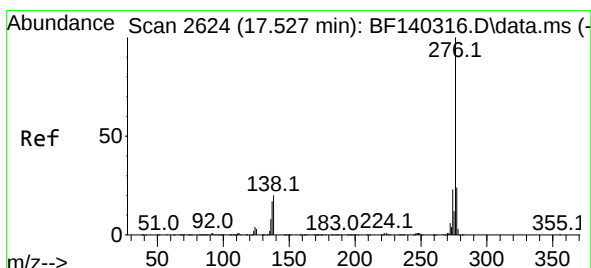
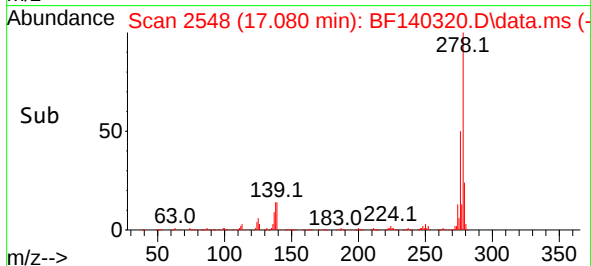
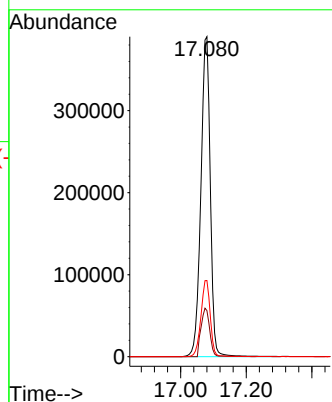
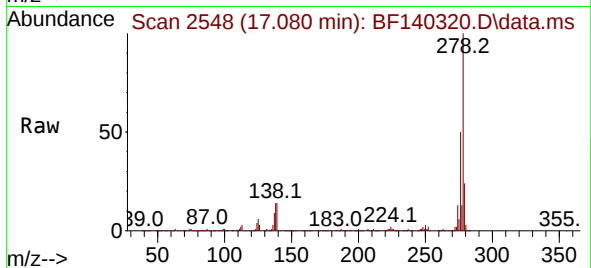
ClientSampleId :

ICVBF111124

Tgt Ion:278 Resp: 781690
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#92
Benzo(g,h,i)perylene
Concen: 40.467 ng
RT: 17.515 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF140320.D
Acq: 11 Nov 2024 16:30

Tgt Ion:276 Resp: 797501
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 20.4 16.0 24.0

