

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	462447	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	492347	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292939	20.000	ng	0.00
86) Perylene-d12	15.568	264	237975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861930	120.888	ng	0.02
7) Phenol-d6	6.516	99	1125959	116.559	ng	0.01
23) Nitrobenzene-d5	7.434	82	734239	82.725	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	337968	131.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1381434	85.608	ng	0.00
79) Terphenyl-d14	12.986	244	1574473	93.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120012	37.766	ng	97
3) Pyridine	3.493	79	306008	39.170	ng	99
4) n-Nitrosodimethylamine	3.446	42	163019	41.287	ng	98
6) Aniline	6.540	93	314213	37.392	ng	# 63
8) 2-Chlorophenol	6.663	128	344192	44.940	ng	98
9) Benzaldehyde	6.428	77	221462	38.252	ng	98
10) Phenol	6.528	94	431969	42.403	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	340281	44.084	ng	99
12) 1,3-Dichlorobenzene	6.816	146	354222	41.917	ng	100
13) 1,4-Dichlorobenzene	6.893	146	358495	41.838	ng	99
14) 1,2-Dichlorobenzene	7.046	146	345395	43.421	ng	99
15) Benzyl Alcohol	7.016	79	313056	44.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	439921	41.261	ng	75
17) 2-Methylphenol	7.134	107	272538	43.257	ng	# 93
18) Hexachloroethane	7.381	117	133272	42.072	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	244474	41.903	ng	99
20) 3+4-Methylphenols	7.287	107	345679	43.871	ng	98
22) Acetophenone	7.281	105	459909	42.760	ng	99
24) Nitrobenzene	7.457	77	381425	41.275	ng	99
25) Isophorone	7.693	82	680917	43.287	ng	100
26) 2-Nitrophenol	7.769	139	183934	44.853	ng	98
27) 2,4-Dimethylphenol	7.810	122	278924m	53.128	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	411343	42.646	ng	99
29) 2,4-Dichlorophenol	8.016	162	290874	44.830	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	298628	41.340	ng	99
31) Naphthalene	8.175	128	1008837	43.004	ng	100
32) Benzoic acid	7.940	122	196256	42.482	ng	98
33) 4-Chloroaniline	8.228	127	164503	20.164	ng	99
34) Hexachlorobutadiene	8.287	225	192600	41.846	ng	100
35) Caprolactam	8.592	113	93116m	43.178	ng	
36) 4-Chloro-3-methylphenol	8.716	107	327203	45.505	ng	99
37) 2-Methylnaphthalene	8.869	142	655213	43.558	ng	100
38) 1-Methylnaphthalene	8.969	142	608630	41.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	311076	43.365	ng	99
41) Hexachlorocyclopentadiene	9.016	237	295724	160.562	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	209705	44.545	ng	99

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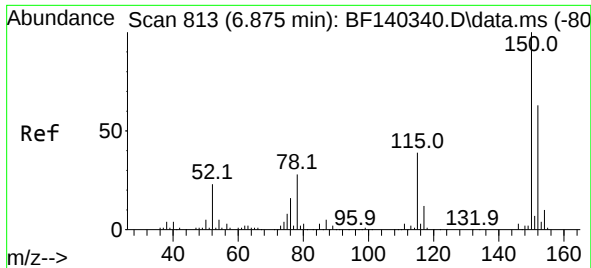
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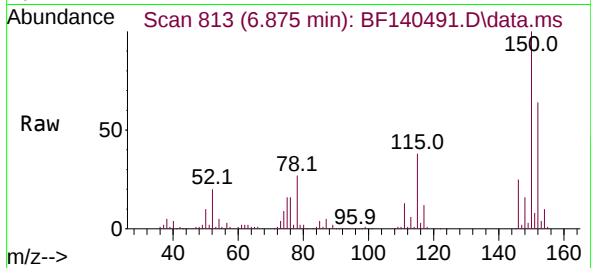
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220709	42.881	ng	98
46) 1,1'-Biphenyl	9.334	154	817776	43.333	ng	99
47) 2-Chloronaphthalene	9.357	162	613068	42.646	ng	99
48) 2-Nitroaniline	9.457	65	212944	44.665	ng	99
49) Acenaphthylene	9.775	152	1016892	46.753	ng	100
50) Dimethylphthalate	9.634	163	761997	45.066	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167442	43.438	ng	97
52) Acenaphthene	9.945	154	721171m	49.090	ng	
53) 3-Nitroaniline	9.869	138	113479	28.032	ng	100
54) 2,4-Dinitrophenol	9.981	184	179443	90.272	ng	99
55) Dibenzofuran	10.122	168	926220	44.537	ng	100
56) 4-Nitrophenol	10.045	139	246266	83.401	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226880	44.722	ng	99
58) Fluorene	10.463	166	728499	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	191962	47.235	ng	100
60) Diethylphthalate	10.334	149	763965	44.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	357046	44.021	ng	99
62) 4-Nitroaniline	10.486	138	178849	43.209	ng	97
63) Azobenzene	10.610	77	754707	44.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	126971	47.933	ng	96
66) n-Nitrosodiphenylamine	10.575	169	649271	45.641	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	219437	44.587	ng	97
68) Hexachlorobenzene	11.010	284	244889	44.224	ng	99
69) Atrazine	11.098	200	215183	49.997	ng	99
70) Pentachlorophenol	11.210	266	251973	84.474	ng	99
71) Phenanthrene	11.428	178	1040890	45.005	ng	100
72) Anthracene	11.481	178	1078980	47.601	ng	99
73) Carbazole	11.633	167	993041	44.369	ng	100
74) Di-n-butylphthalate	11.957	149	1192406	44.389	ng	100
75) Fluoranthene	12.616	202	1151225	44.367	ng	100
77) Benzidine	12.739	184	284086	25.267	ng	99
78) Pyrene	12.851	202	1166778	46.565	ng	100
80) Butylbenzylphthalate	13.457	149	460791	47.871	ng	98
81) Benzo(a)anthracene	14.045	228	862530	44.801	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	177745	29.046	ng	100
83) Chrysene	14.086	228	799412	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	606727	47.223	ng	100
85) Di-n-octyl phthalate	14.669	149	815449	45.064	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721757	49.098	ng	99
88) Benzo(b)fluoranthene	15.127	252	662250	42.541	ng	100
89) Benzo(k)fluoranthene	15.163	252	590265	46.415	ng	100
90) Benzo(a)pyrene	15.504	252	588626	48.691	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	592002	48.720	ng	100
92) Benzo(g,h,i)perylene	17.539	276	559109	45.008	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

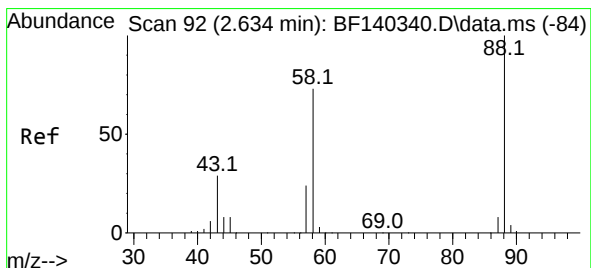
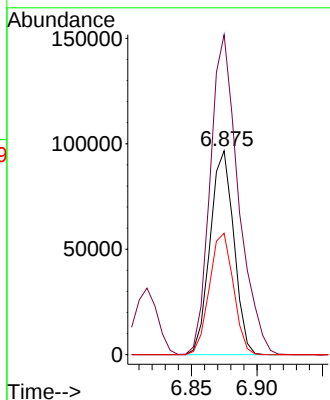
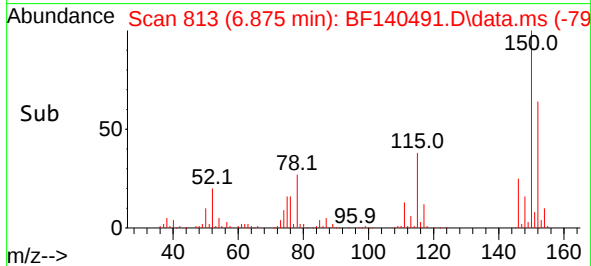
Instrument :
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ClientSampleId :
PB165039BSD



Tgt Ion:152 Resp: 121730
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 59.6 47.4 71.2

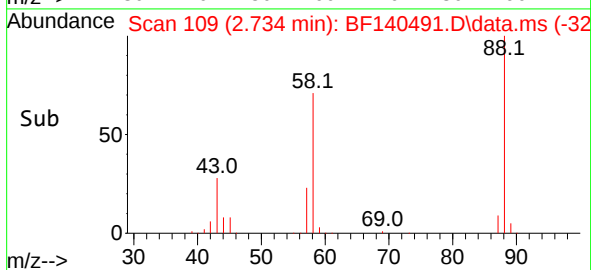
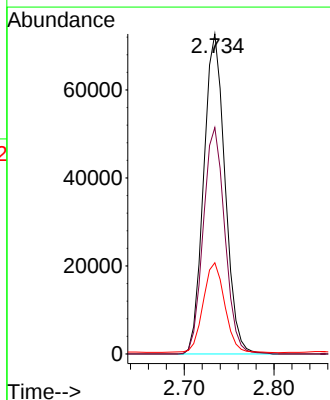
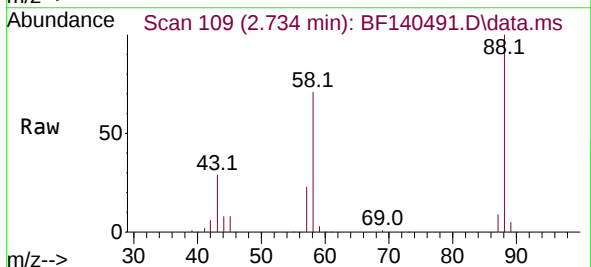
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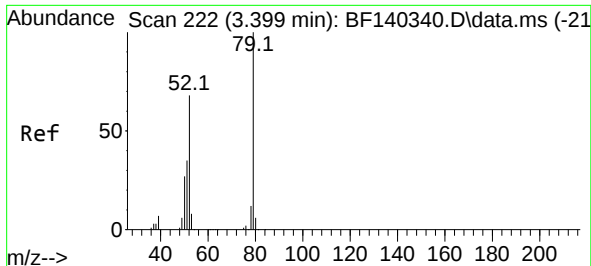
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#2
1,4-Dioxane
Concen: 37.766 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 88 Resp: 120012
Ion Ratio Lower Upper
88 100
58 71.5 59.5 89.3
43 28.5 23.4 35.2





#3

Pyridine

Concen: 39.170 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion: 79 Resp: 306008

Ion Ratio Lower Upper

79 100

52 66.4 53.8 80.6

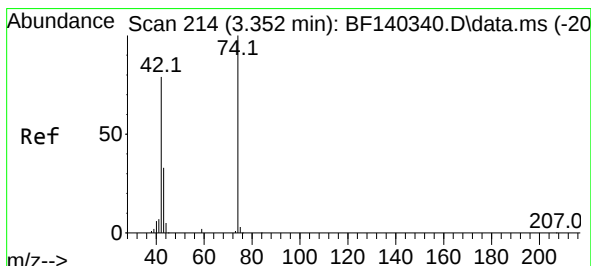
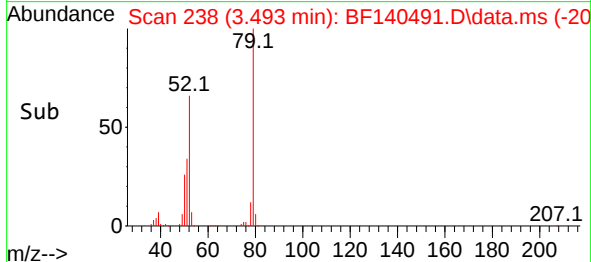
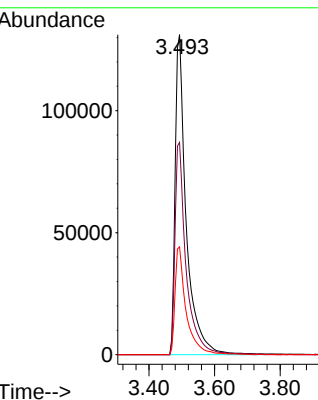
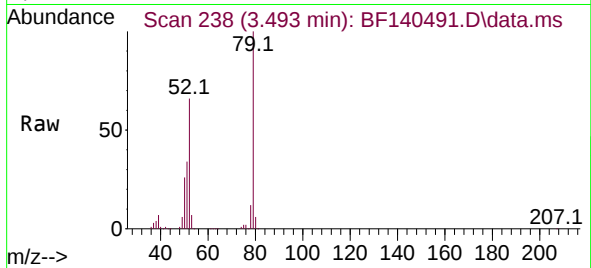
51 33.7 27.3 40.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.287 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

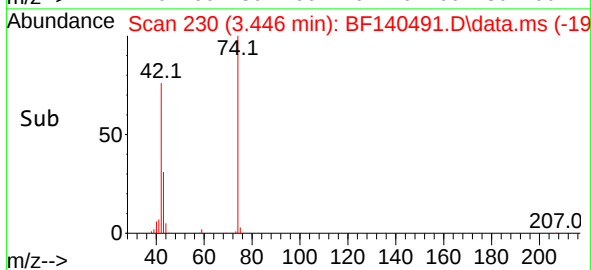
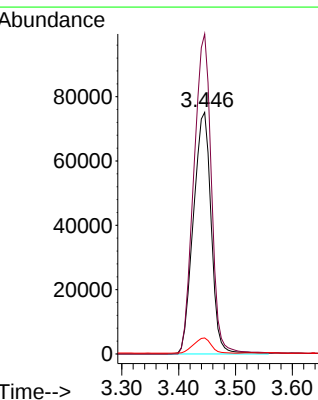
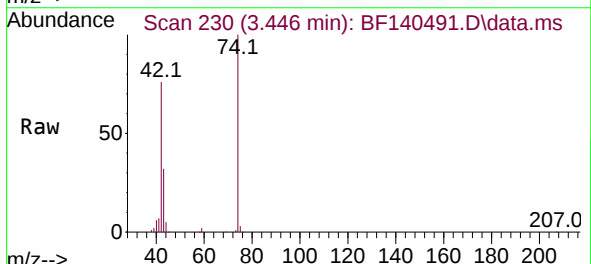
Tgt Ion: 42 Resp: 163019

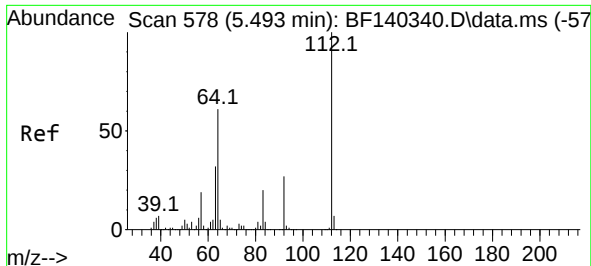
Ion Ratio Lower Upper

42 100

74 132.4 103.5 155.3

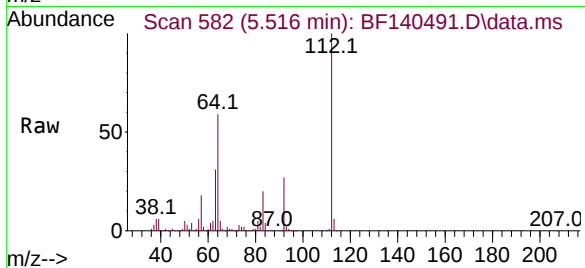
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 120.888 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

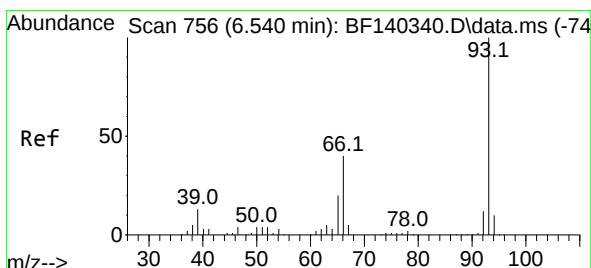
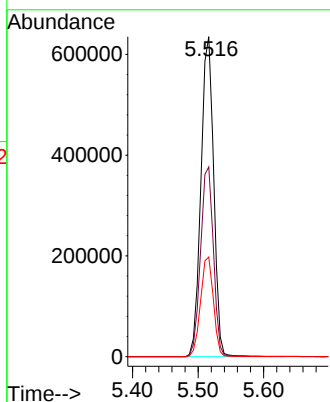
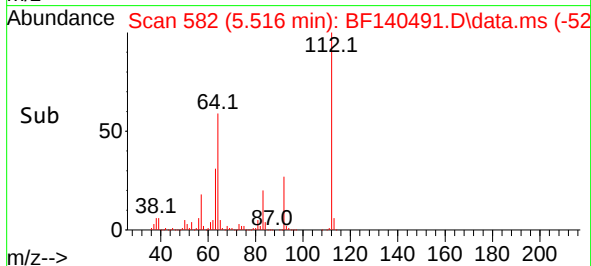
Instrument :
BNA_F
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Tgt Ion:112 Resp: 861930
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.2 25.6 38.4

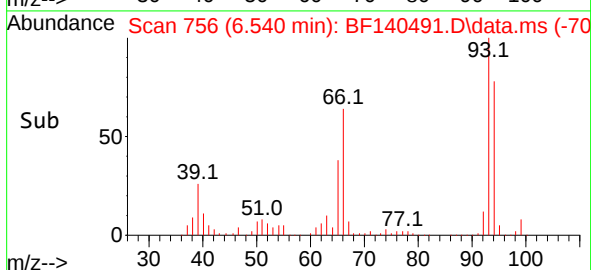
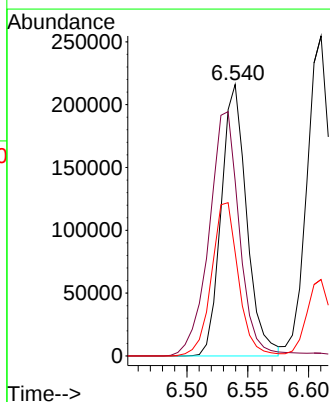
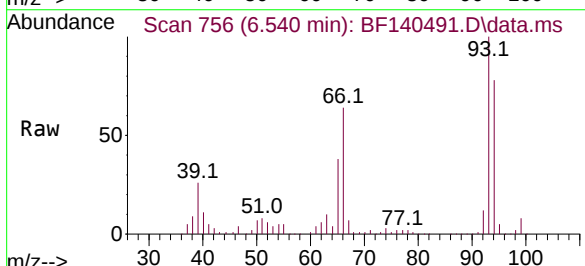
Manual Integrations
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#6
Aniline
Concen: 37.392 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

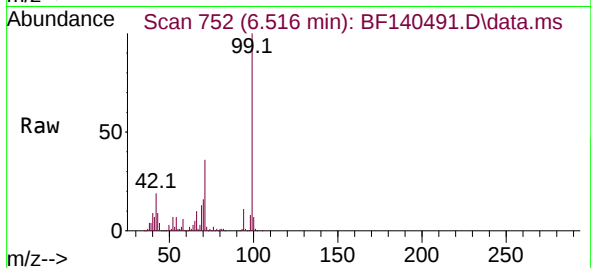
Tgt Ion: 93 Resp: 314213
Ion Ratio Lower Upper
93 100
66 64.5 32.8 49.2#
65 38.1 16.6 25.0#





#7
Phenol-d6
Concen: 116.559 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

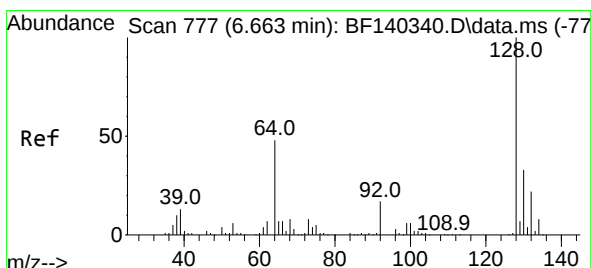
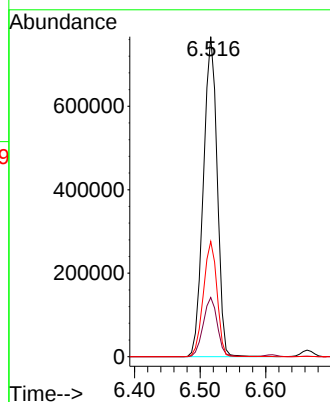
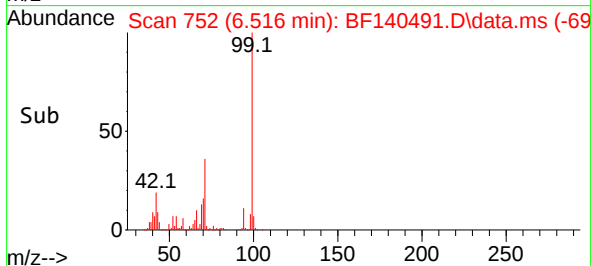
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion: 99 Resp: 112595
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 36.0 27.9 41.9

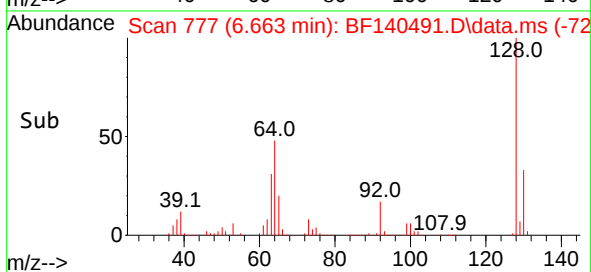
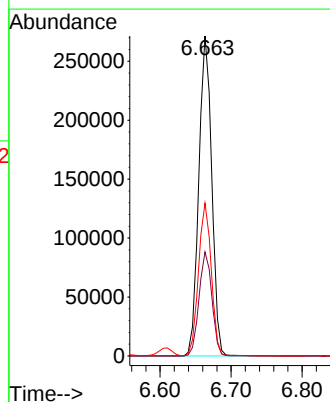
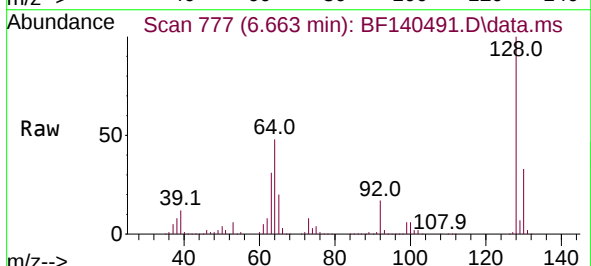
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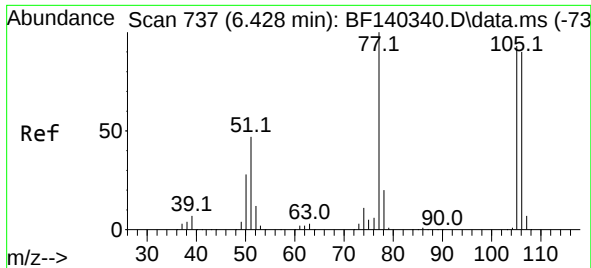
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
2-Chlorophenol
Concen: 44.940 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:128 Resp: 344192
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.8 30.2 70.2





#9
Benzaldehyde
Concen: 38.252 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

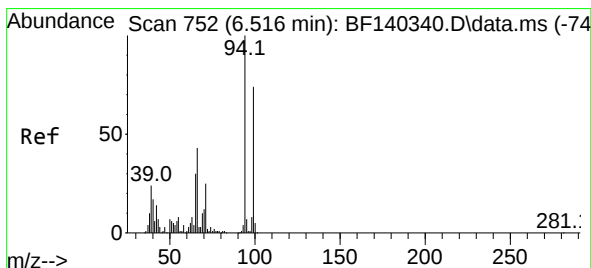
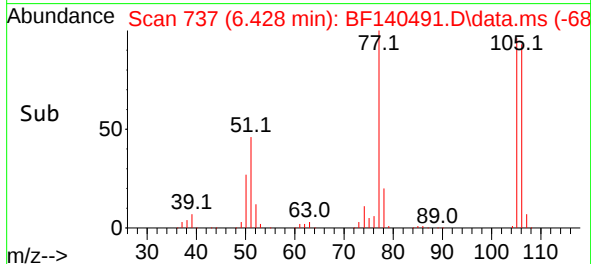
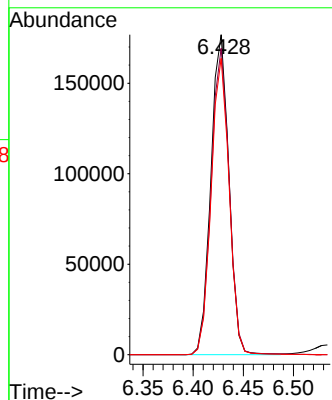
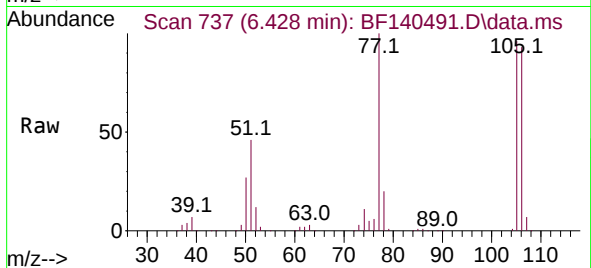
ClientSampleId :

PB165039BSD

Tgt Ion: 77 Resp: 221462
Ion Ratio Lower Upper
77 100
105 95.7 74.4 114.4
106 92.6 69.9 109.9

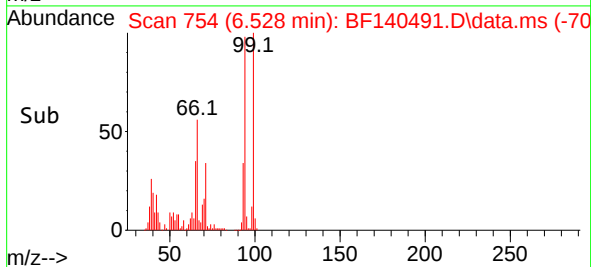
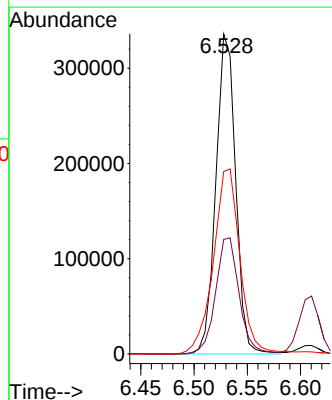
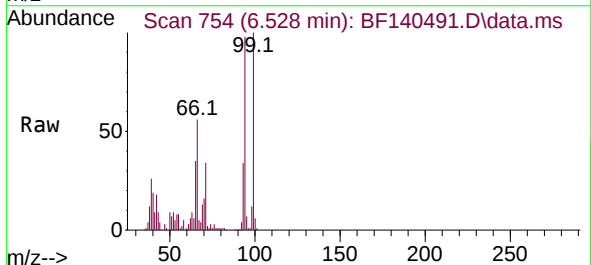
Manual Integrations
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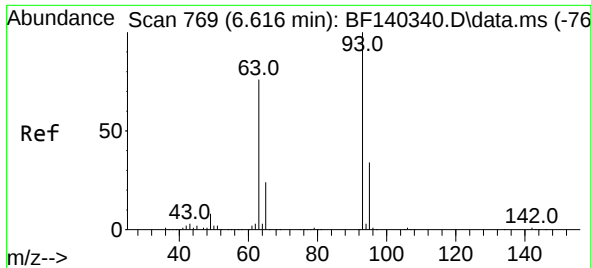
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#10
Phenol
Concen: 42.403 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 94 Resp: 431969
Ion Ratio Lower Upper
94 100
65 35.8 10.4 50.4
66 57.0 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 44.084 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

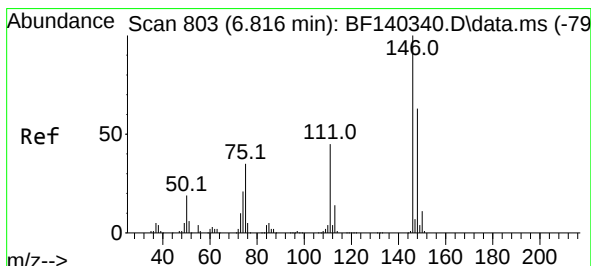
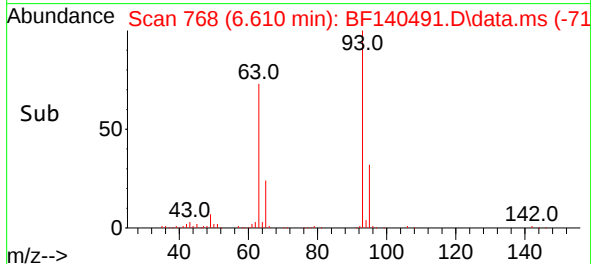
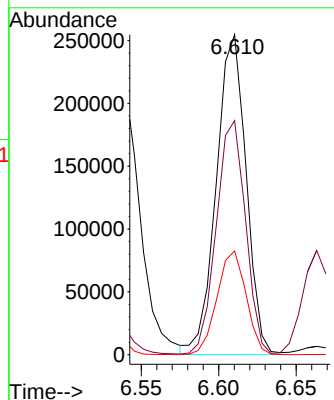
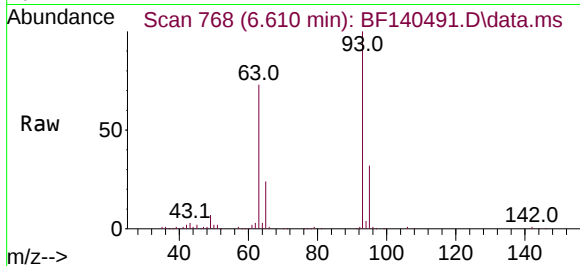
ClientSampleId :

PB165039BSD

Tgt Ion: 93 Resp: 34028
Ion Ratio Lower Upper
93 100
63 73.2 54.0 94.0
95 32.4 12.9 52.9

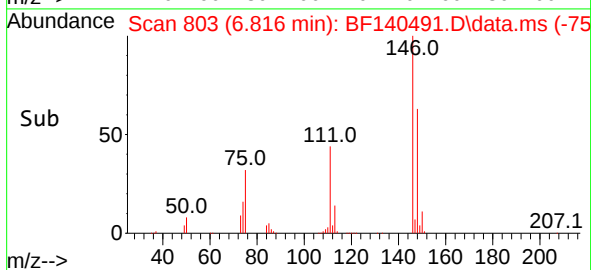
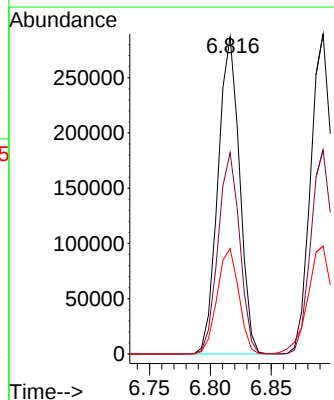
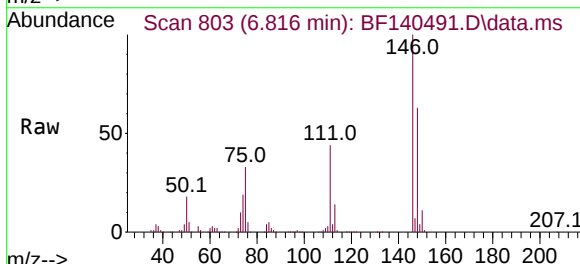
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#12
1,3-Dichlorobenzene
Concen: 41.917 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:146 Resp: 354222
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
75 33.2 26.4 39.6





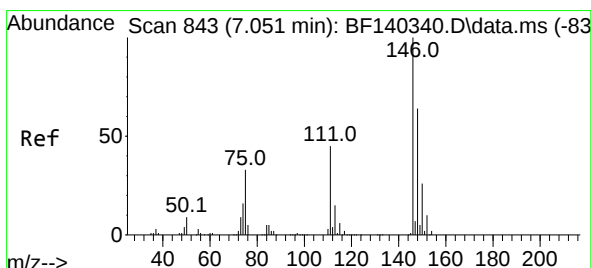
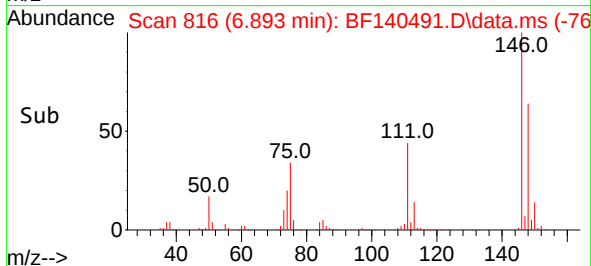
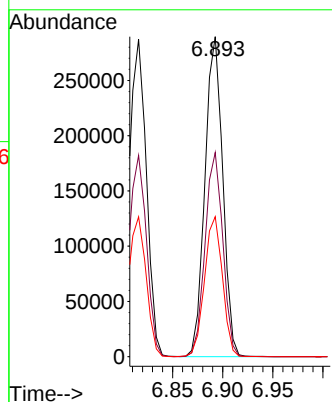
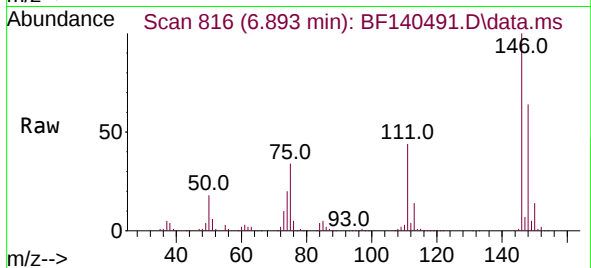
#13
1,4-Dichlorobenzene
Concen: 41.838 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:146 Resp: 358495
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 43.8 34.2 51.2

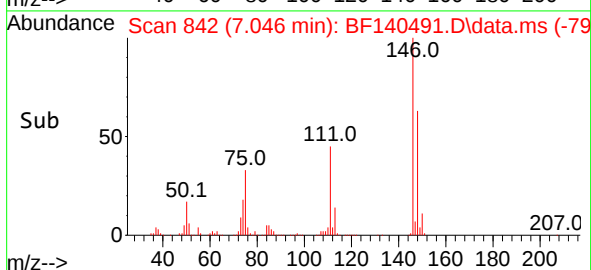
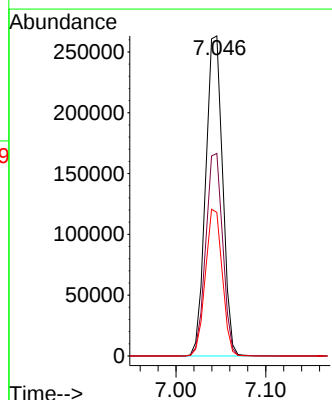
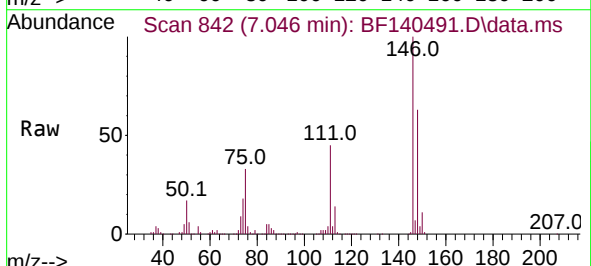
Manual Integrations
APPROVED

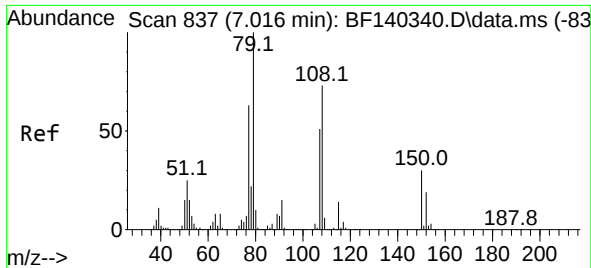
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#14
1,2-Dichlorobenzene
Concen: 43.421 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

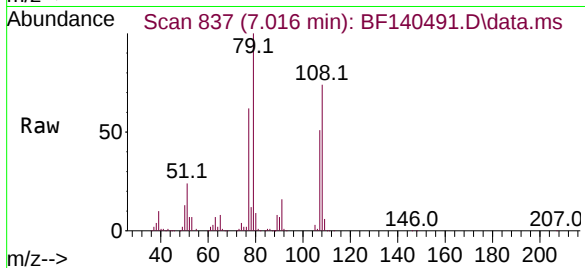
Tgt Ion:146 Resp: 345395
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.9 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.981 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

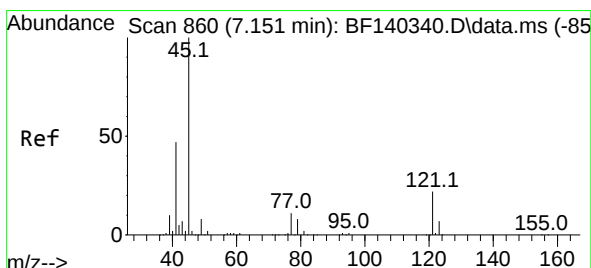
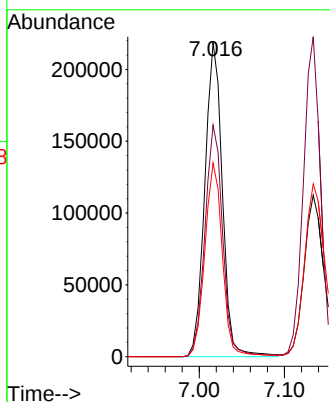
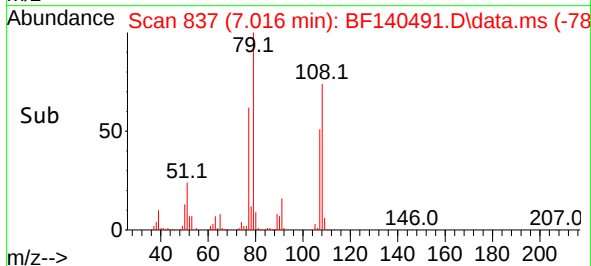
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



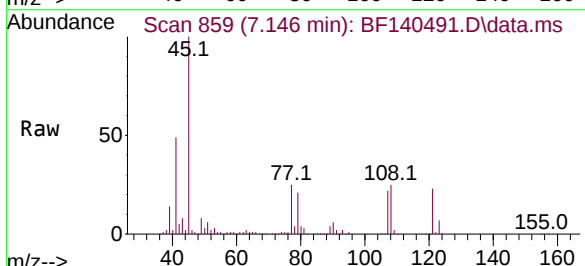
Tgt Ion: 79 Resp: 313050
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.6
77 61.6 49.8 74.6

Manual Integrations
APPROVED

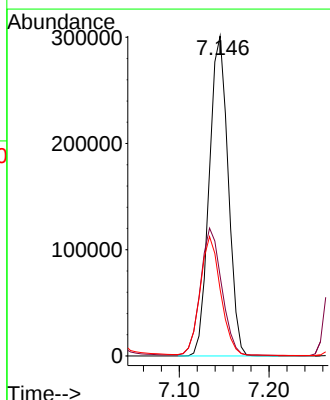
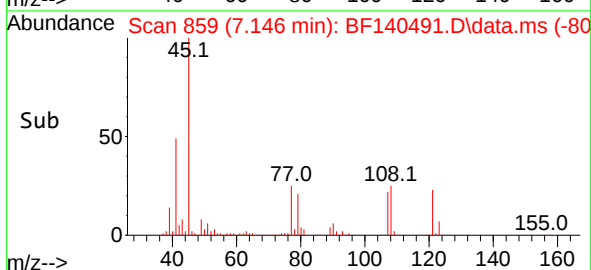
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

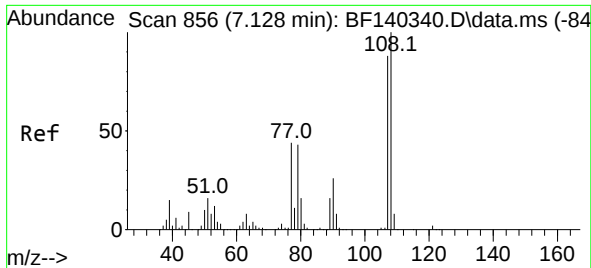


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.261 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



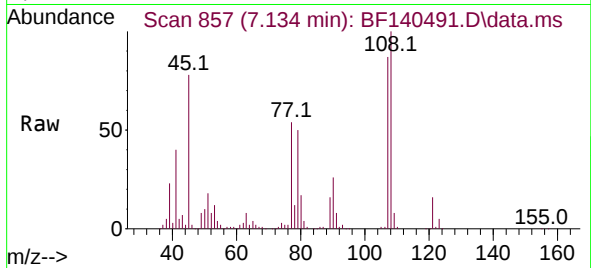
Tgt Ion: 45 Resp: 439921
Ion Ratio Lower Upper
45 100
77 25.0 0.0 34.8
79 20.8 0.0 31.4





#17
2-Methylphenol
Concen: 43.257 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

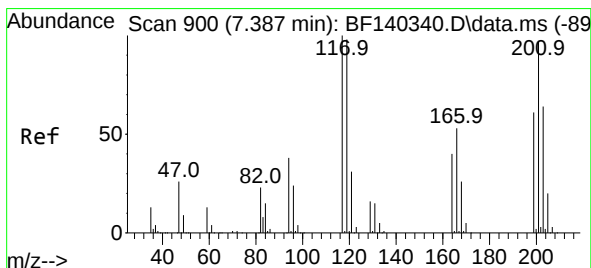
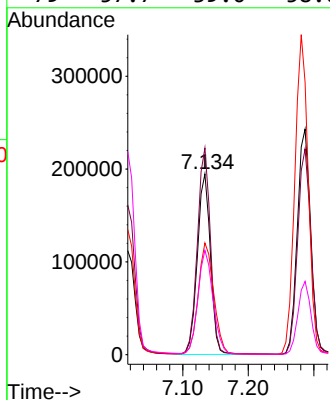
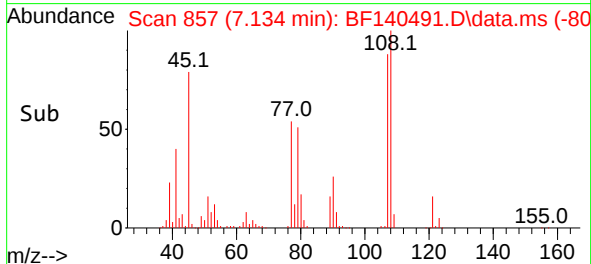
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:107 Resp: 272538
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 61.8 39.7 59.5
79 57.7 39.0 58.6

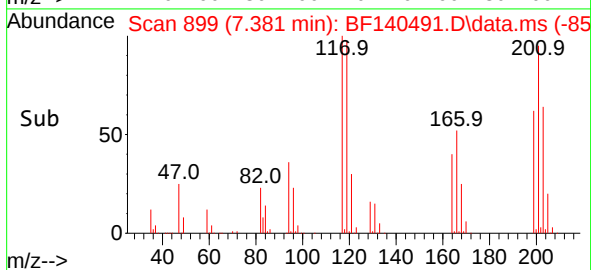
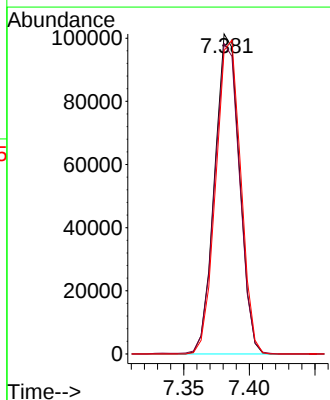
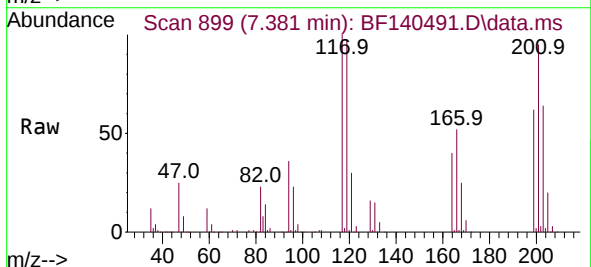
Manual Integrations
APPROVED

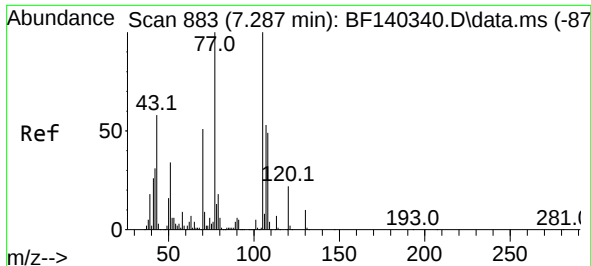
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#18
Hexachloroethane
Concen: 42.072 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:117 Resp: 133272
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 94.8 80.2 120.4





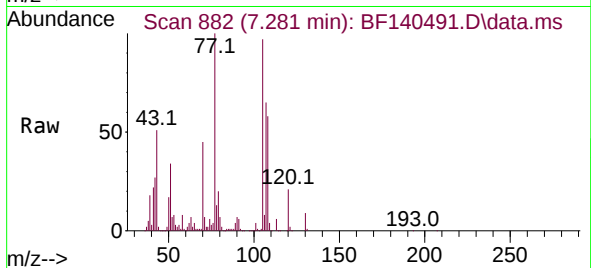
#19
n-Nitroso-di-n-propylamine
Concen: 41.903 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD



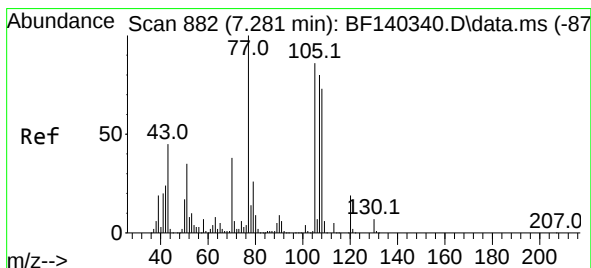
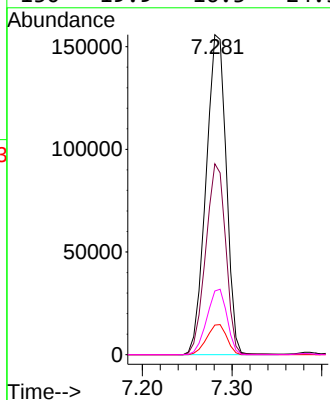
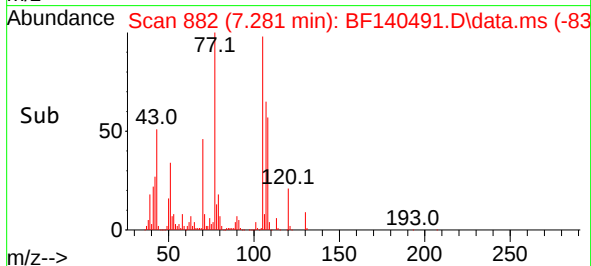
Tgt Ion: 70 Resp: 244474
Ion Ratio Lower Upper
70 100
42 59.6 46.8 70.2
101 9.2 7.5 11.3
130 19.9 16.3 24.5

Manual Integrations

APPROVED

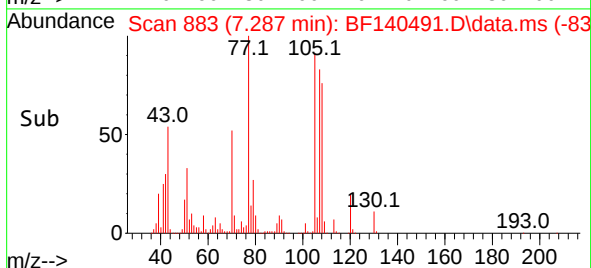
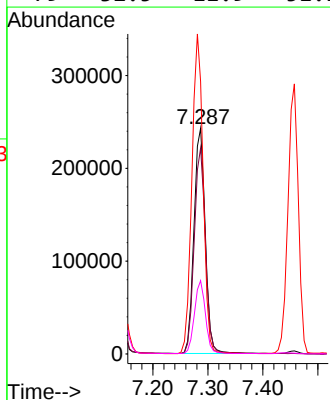
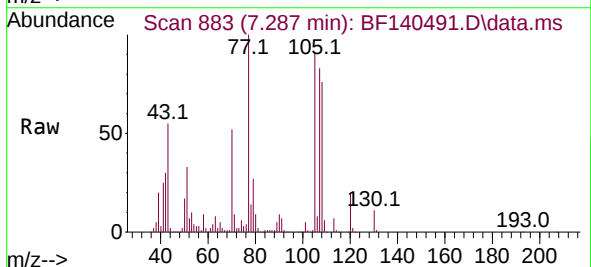
Reviewed By :Yogesh Patel 11/22/2024

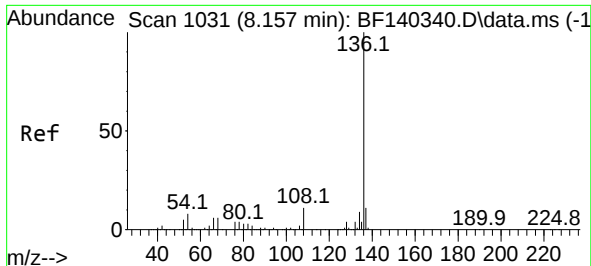
Supervised By :mohammad ahmed 11/22/2024



#20
3+4-Methylphenols
Concen: 43.871 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:107 Resp: 345679
Ion Ratio Lower Upper
107 100
108 91.3 71.4 111.4
77 120.8 97.0 137.0
79 32.5 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

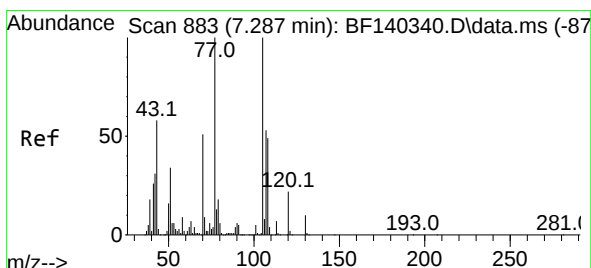
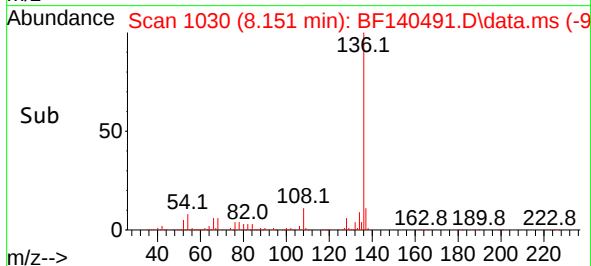
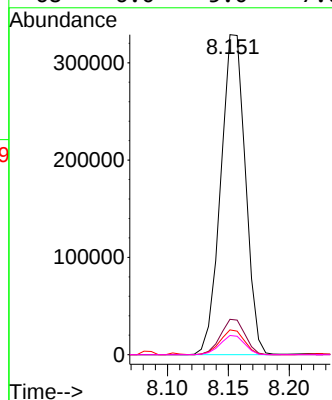
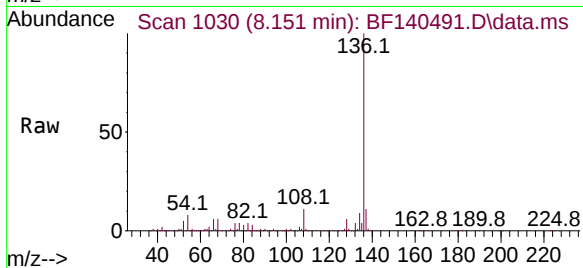
ClientSampleId :

PB165039BSD

Tgt Ion:136 Resp: 46244
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.0 5.0 7.6

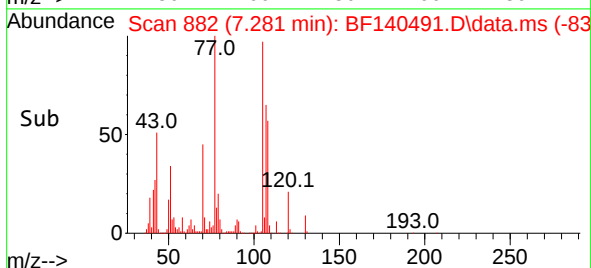
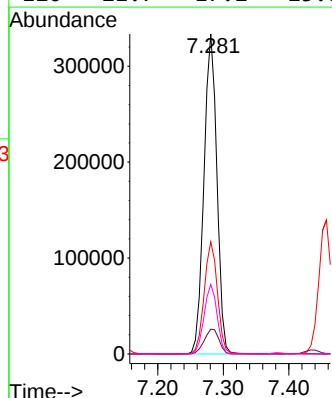
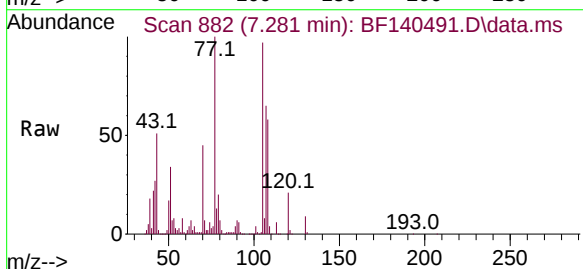
Manual Integrations
APPROVED

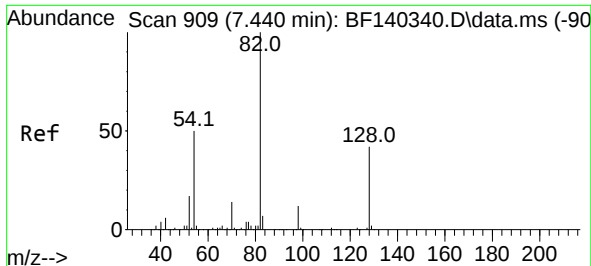
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#22
Acetophenone
Concen: 42.760 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:105 Resp: 459909
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 35.1 28.6 43.0
120 21.7 17.2 25.8





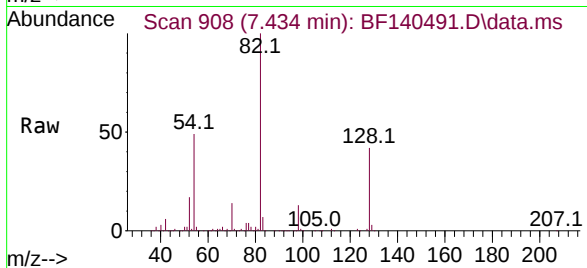
#23
Nitrobenzene-d5
Concen: 82.725 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

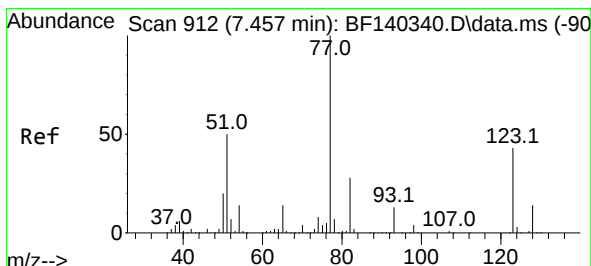
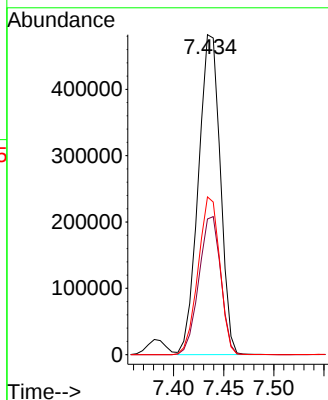
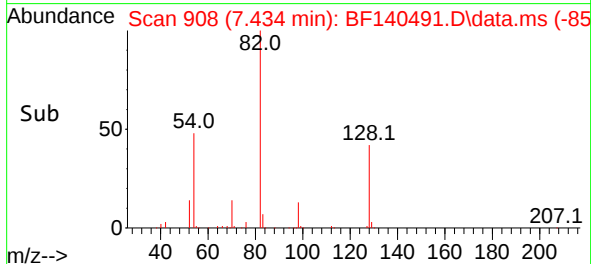


Tgt Ion: 82 Resp: 734239
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.3 39.8 59.8

Manual Integrations

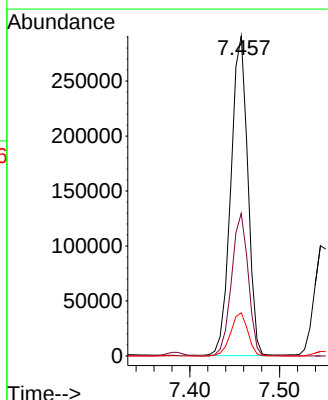
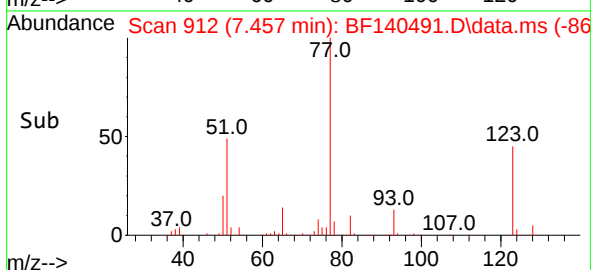
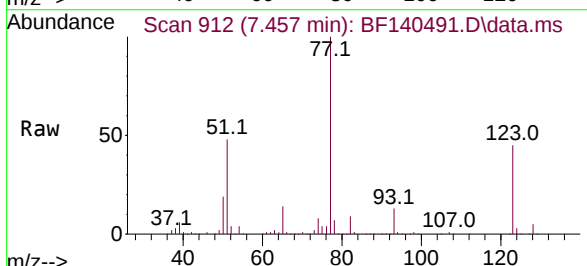
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#24
Nitrobenzene
Concen: 41.275 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 77 Resp: 381425
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.0
65 13.5 11.1 16.7





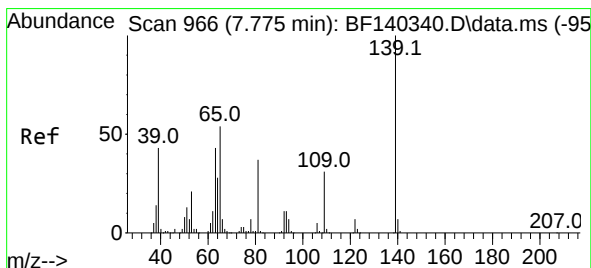
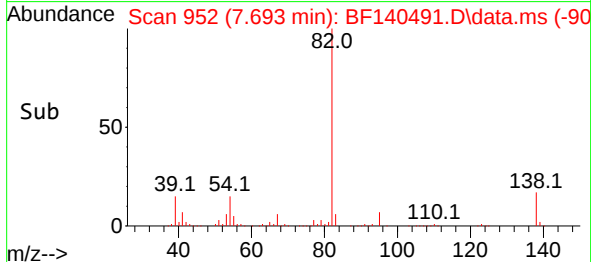
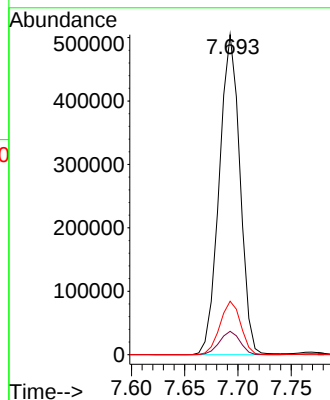
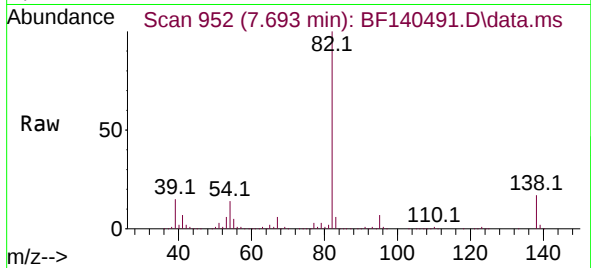
#25
Isophorone
Concen: 43.287 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion: 82 Resp: 68091
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.4 20.2

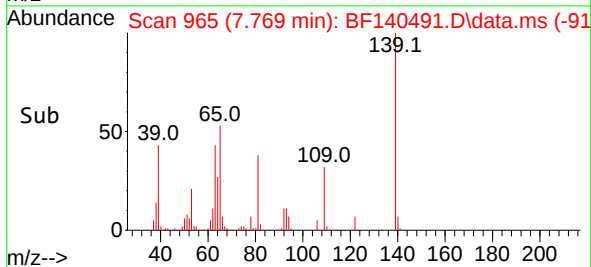
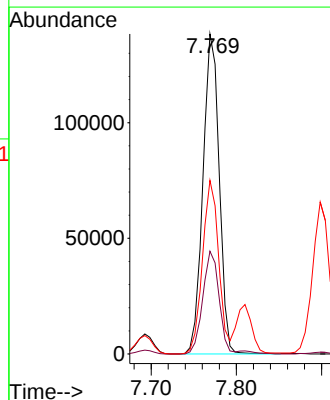
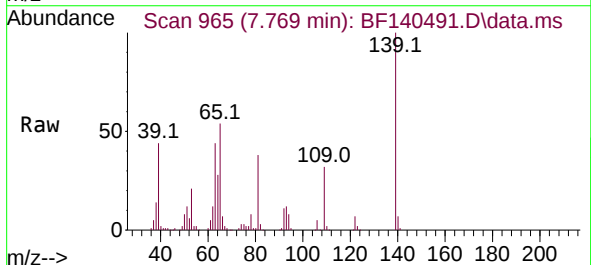
Manual Integrations
APPROVED

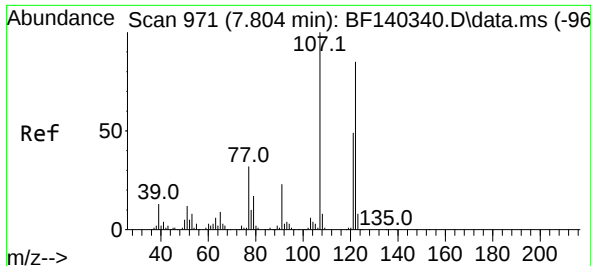
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2-Nitrophenol
Concen: 44.853 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

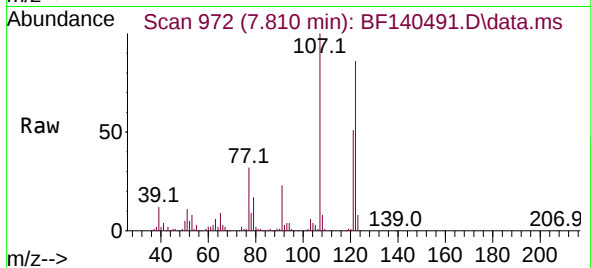
Tgt Ion:139 Resp: 183934
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 54.2 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 53.128 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

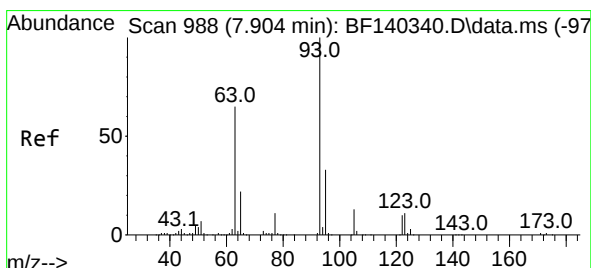
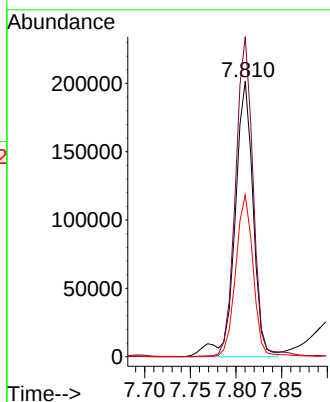
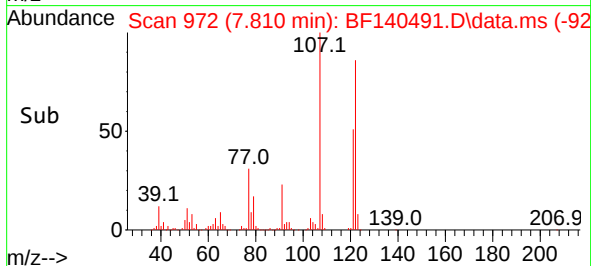
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:122 Resp: 278924
Ion Ratio Lower Upper
122 100
107 116.2 91.3 136.9
121 58.7 45.5 68.3

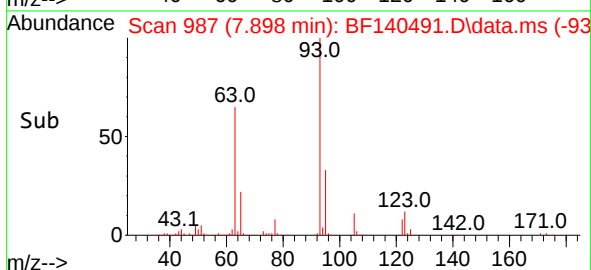
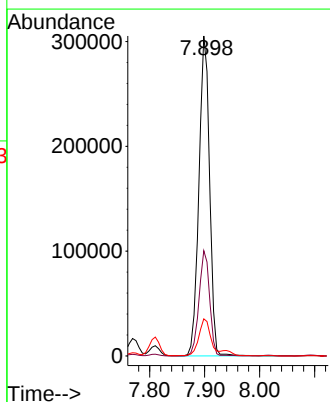
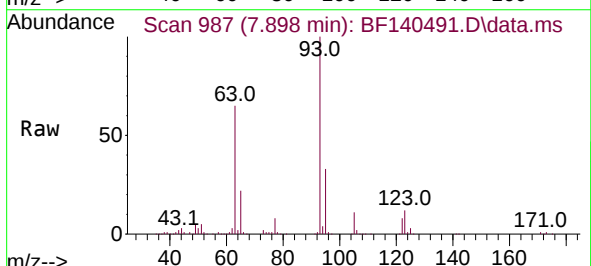
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.646 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 93 Resp: 411343
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.830 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:162 Resp: 290874

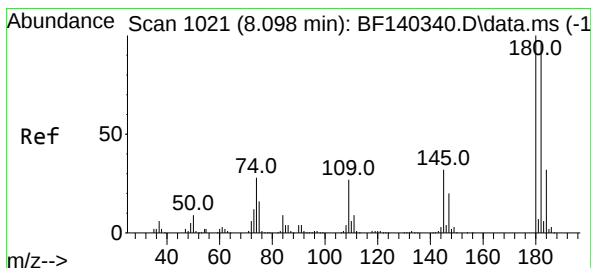
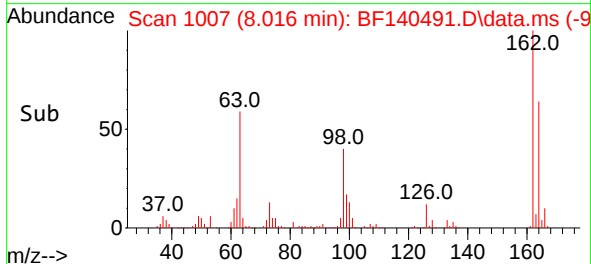
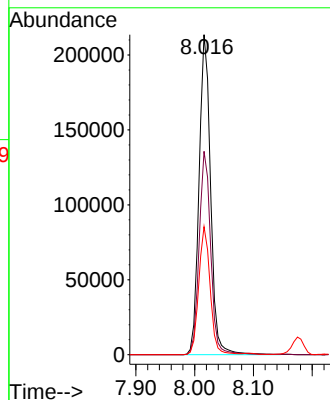
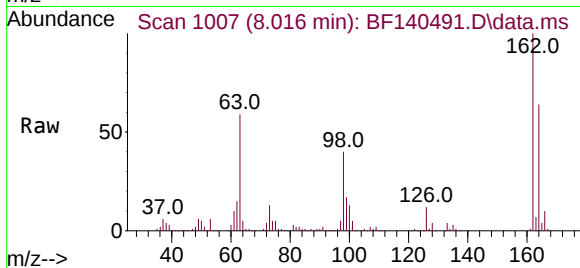
Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.4	85.4
98	40.0	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.340 ng

RT: 8.092 min Scan# 1020

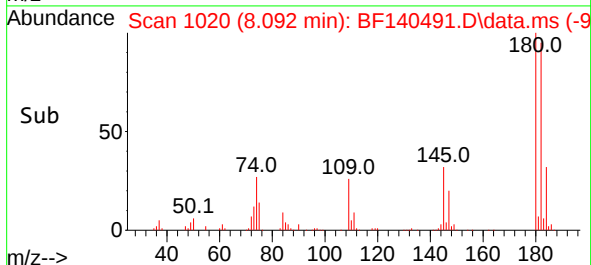
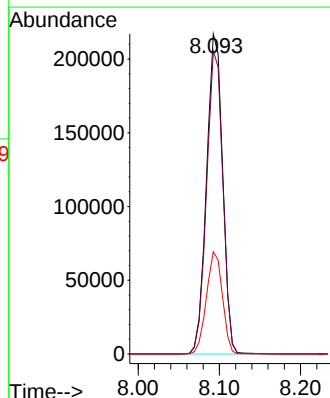
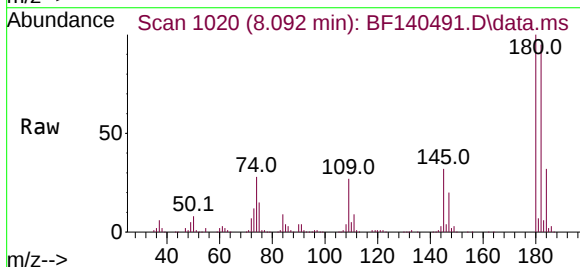
Delta R.T. -0.006 min

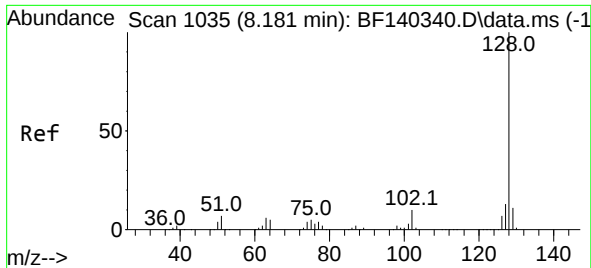
Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:180 Resp: 298628

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.5	114.7
145	31.9	25.3	37.9





#31
Naphthalene
Concen: 43.004 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

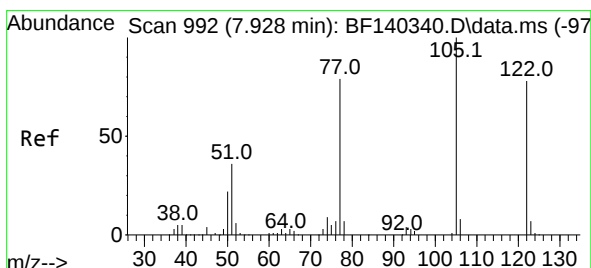
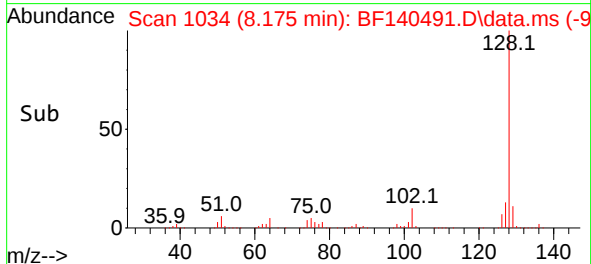
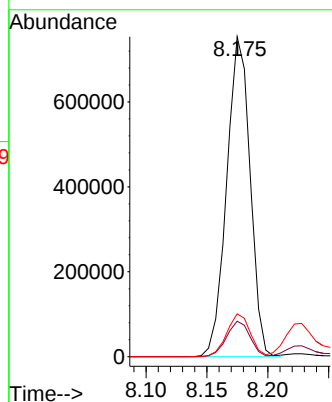
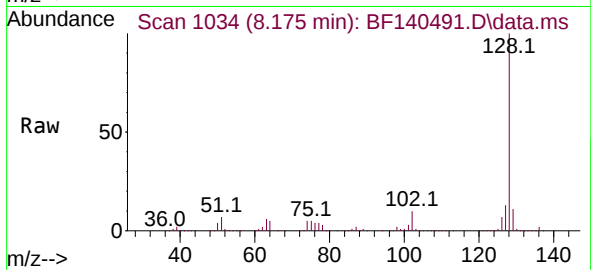
PB165039BSD

Tgt Ion:128 Resp: 100883
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

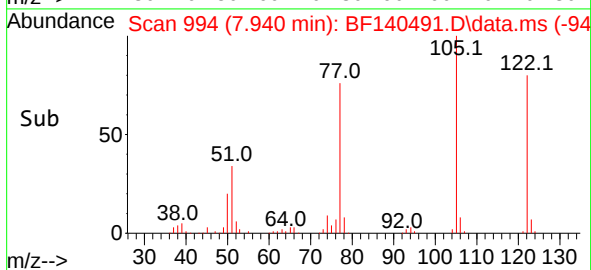
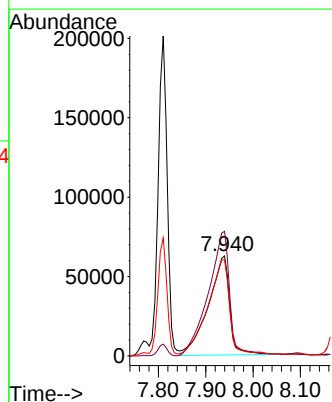
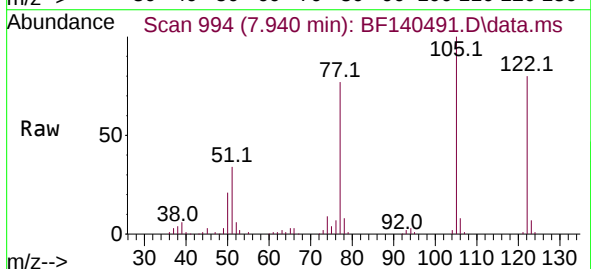
APPROVED

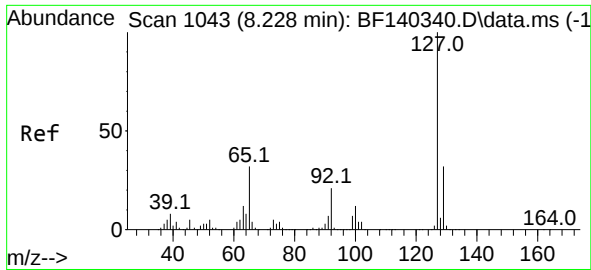
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#32
Benzoic acid
Concen: 42.482 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:122 Resp: 196256
Ion Ratio Lower Upper
122 100
105 124.6 100.9 140.9
77 96.2 76.0 116.0





#33
4-Chloroaniline
Concen: 20.164 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

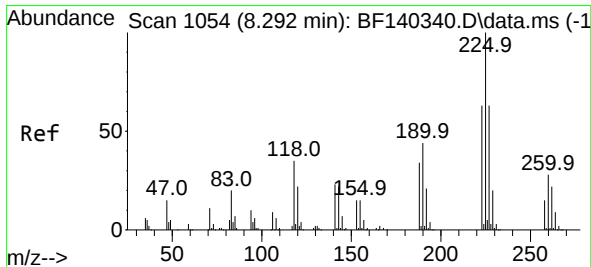
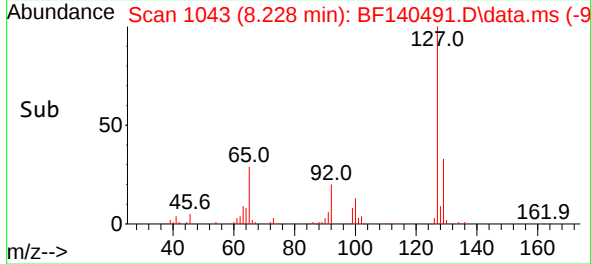
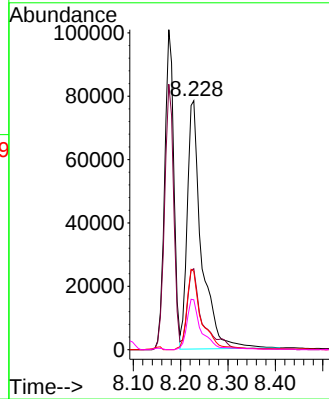
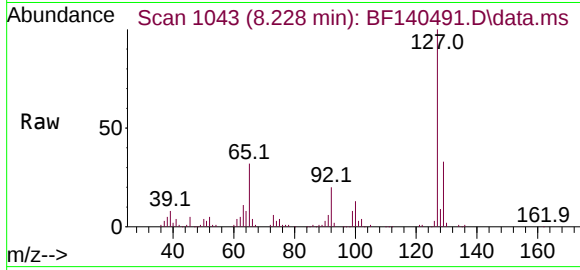
Tgt Ion:127 Resp: 16450
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4
65 31.5 25.8 38.6
92 20.1 16.5 24.7

Manual Integrations

APPROVED

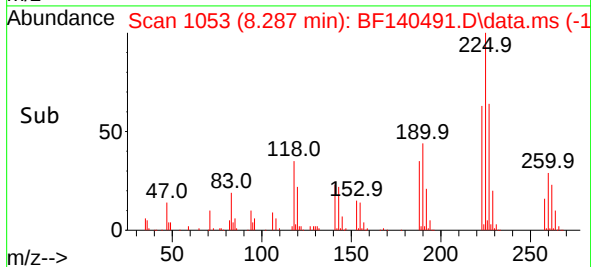
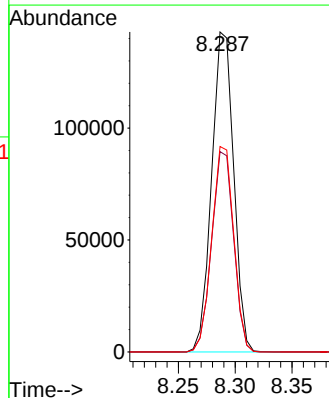
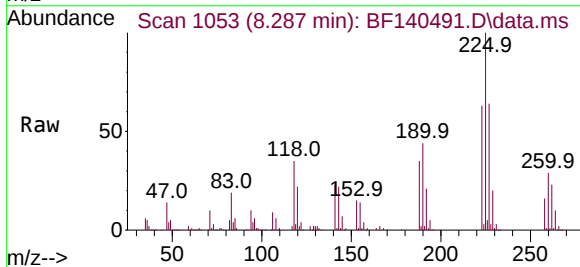
Reviewed By :Yogesh Patel 11/22/2024

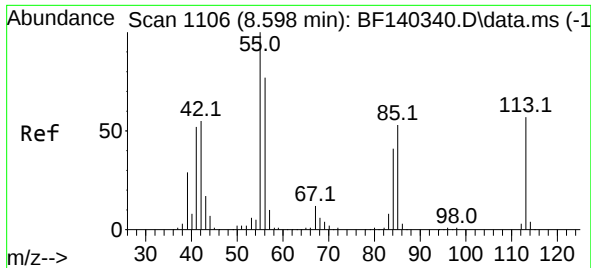
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

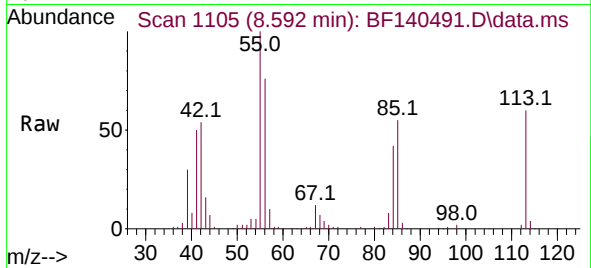
Tgt Ion:225 Resp: 192600
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 64.2 51.3 76.9





#35
Caprolactam
Concen: 43.178 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

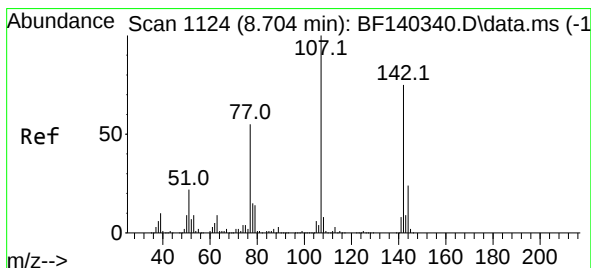
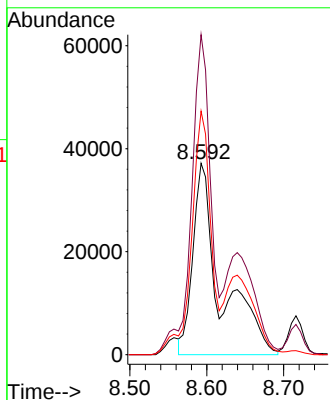
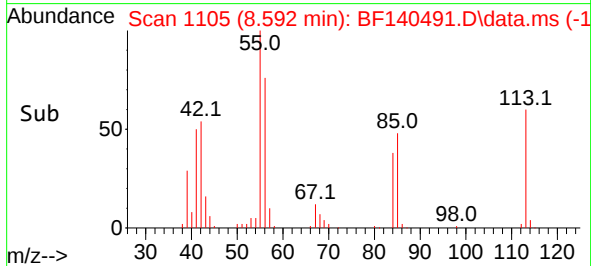
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:113 Resp: 93110
Ion Ratio Lower Upper
113 100
55 167.2 150.0 190.0
56 127.3 111.1 151.1

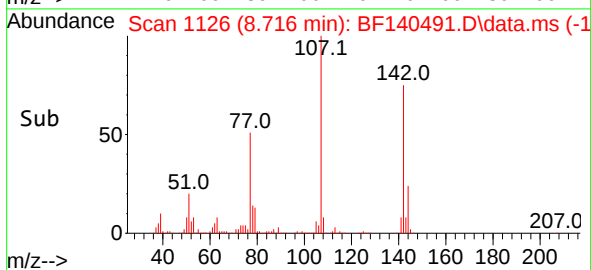
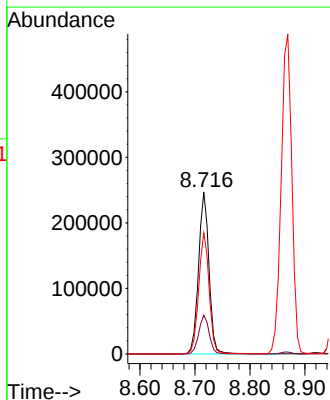
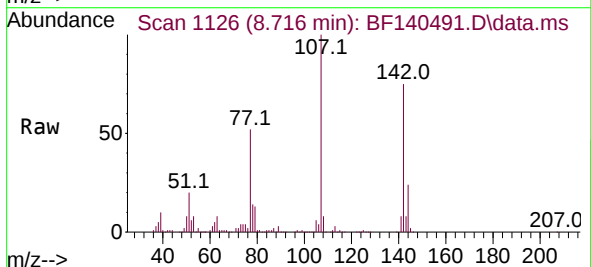
Manual Integrations
APPROVED

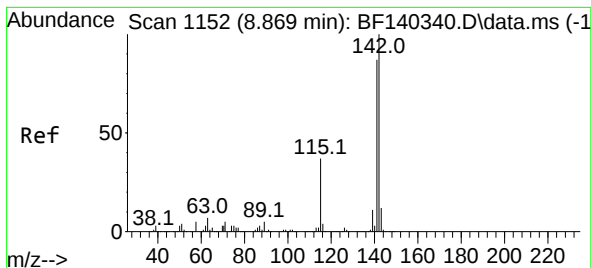
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
4-Chloro-3-methylphenol
Concen: 45.505 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:107 Resp: 327203
Ion Ratio Lower Upper
107 100
144 24.0 19.3 28.9
142 74.9 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.558 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

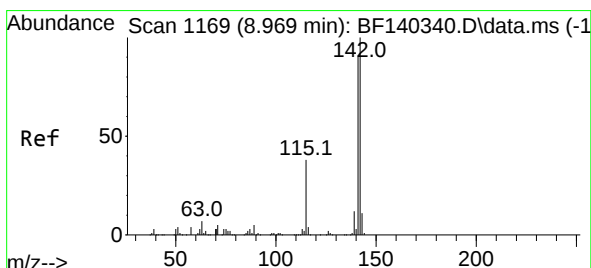
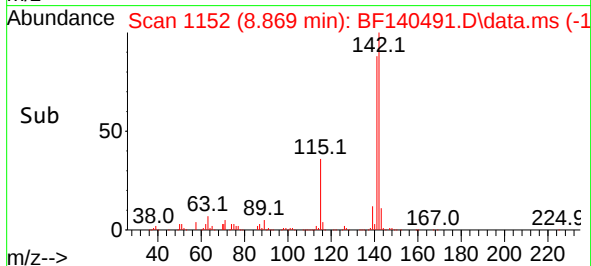
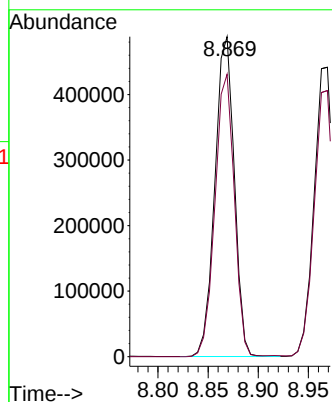
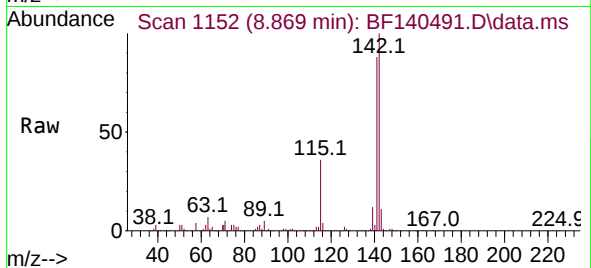
PB165039BSD

Tgt Ion:142 Resp: 65521
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6

Manual Integrations

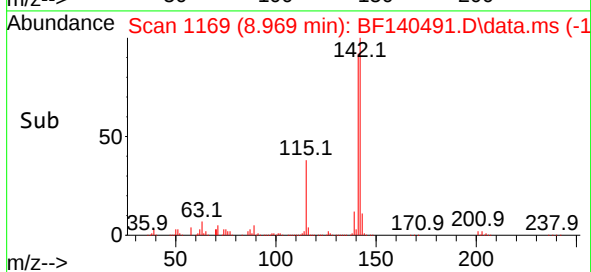
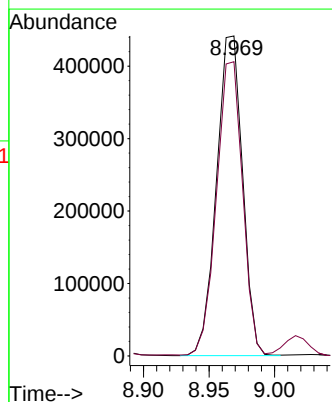
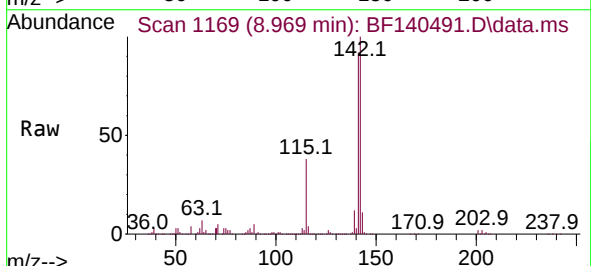
APPROVED

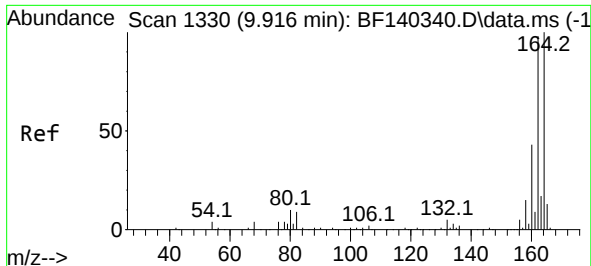
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#38
1-Methylnaphthalene
Concen: 41.319 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:142 Resp: 608630
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140491.D

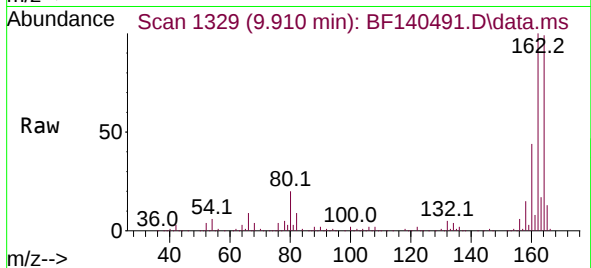
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

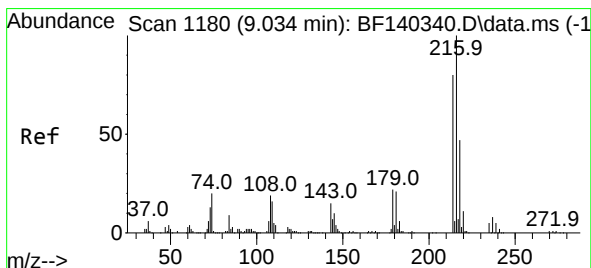
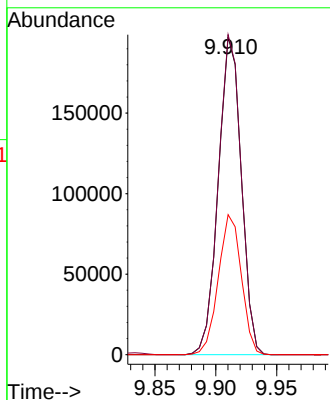
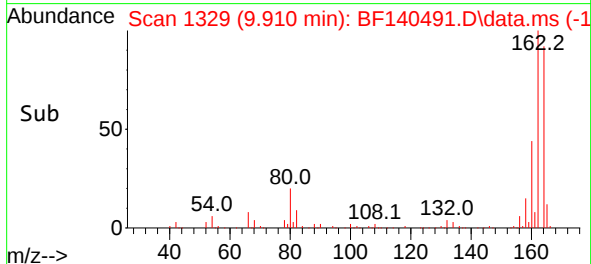
PB165039BSD



Tgt Ion:164	Resp: 25940
Ion Ratio	Lower Upper
164	100
162	100.7 79.8 119.8
160	44.1 35.4 53.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.365 ng

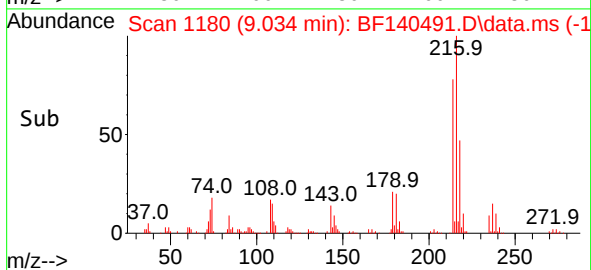
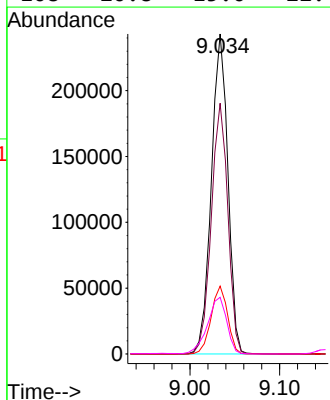
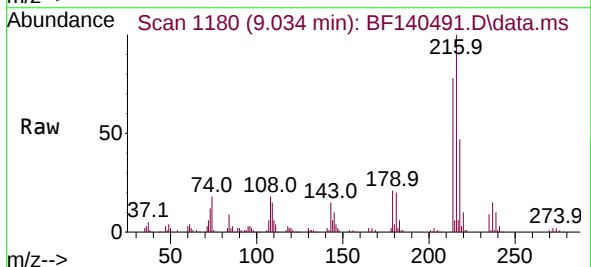
RT: 9.034 min Scan# 1180

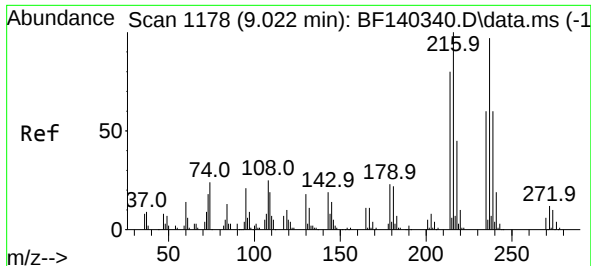
Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:216	Resp: 311076
Ion Ratio	Lower Upper
216	100
214	78.4 63.2 94.8
179	21.1 17.2 25.8
108	20.8 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 160.562 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

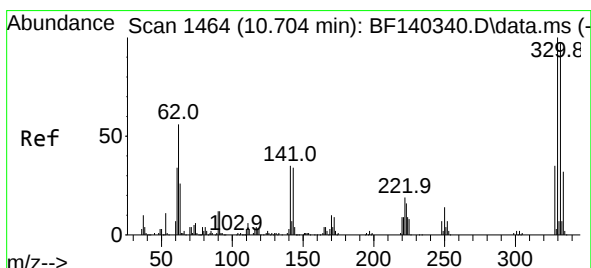
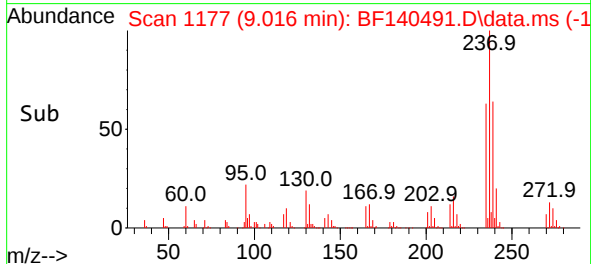
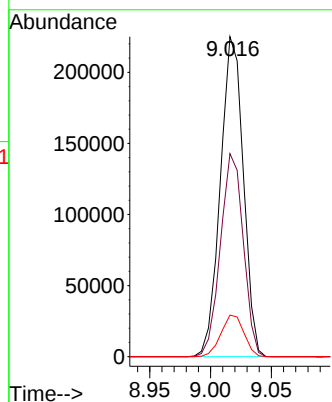
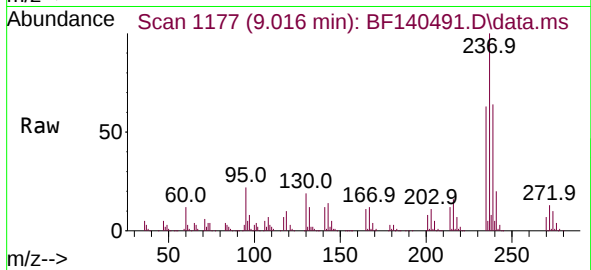
PB165039BSD

Tgt Ion:237 Resp: 295724
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.0 0.0 33.1

Manual Integrations

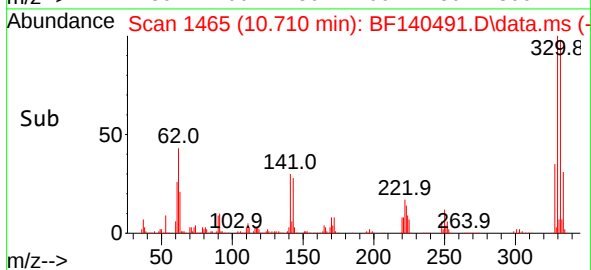
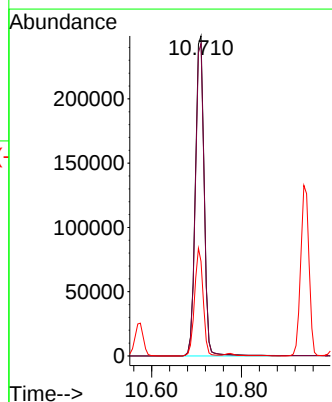
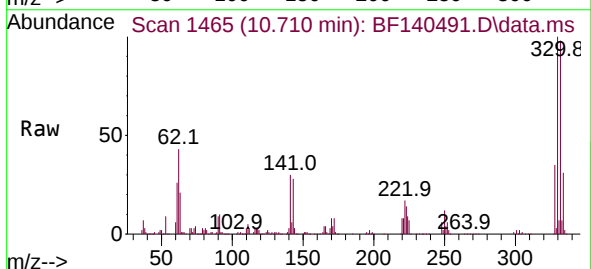
APPROVED

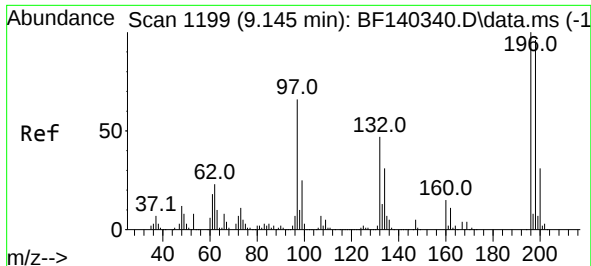
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#42
2,4,6-Tribromophenol
Concen: 131.016 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

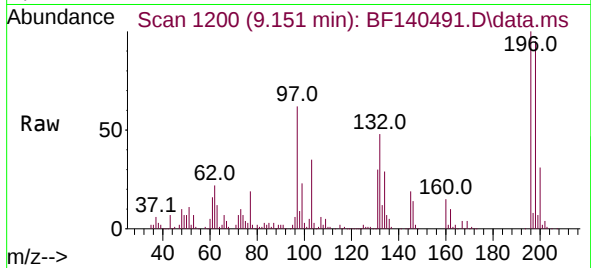
Tgt Ion:330 Resp: 337968
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 32.7 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 44.545 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

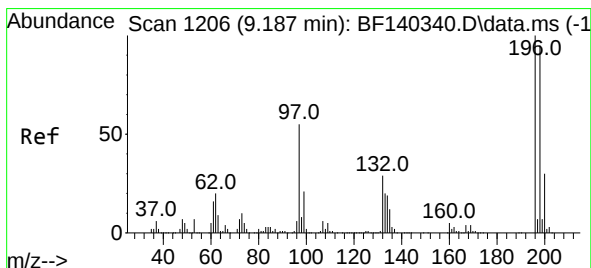
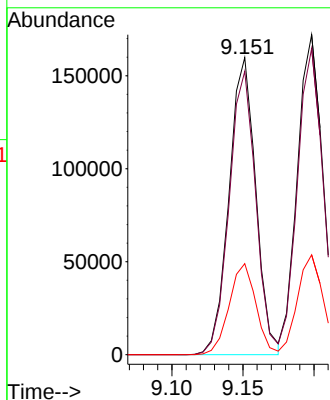
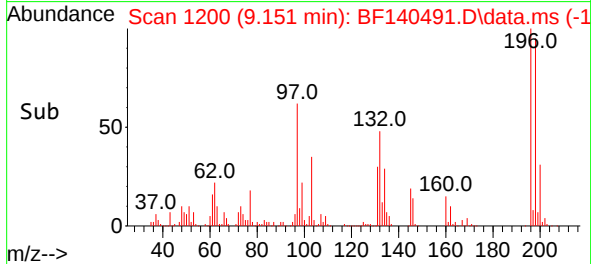
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



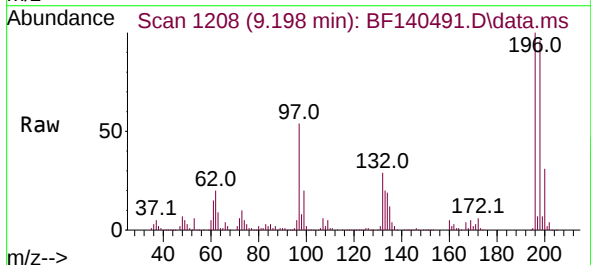
Tgt Ion:196 Resp: 209709
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.6 24.2 36.4

Manual Integrations
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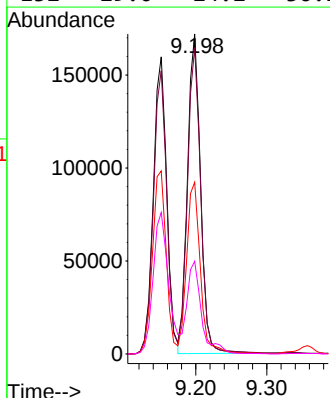
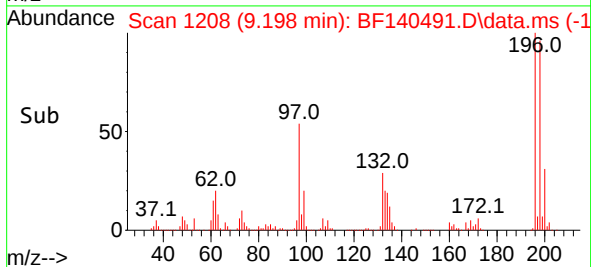
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

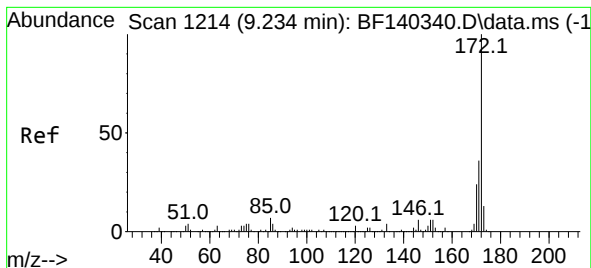


#44
2,4,5-Trichlorophenol
Concen: 42.881 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:196 Resp: 220709
Ion Ratio Lower Upper
196 100
198 95.7 77.6 116.4
97 53.7 45.4 68.2
132 29.0 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 85.608 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:172 Resp: 1381434

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

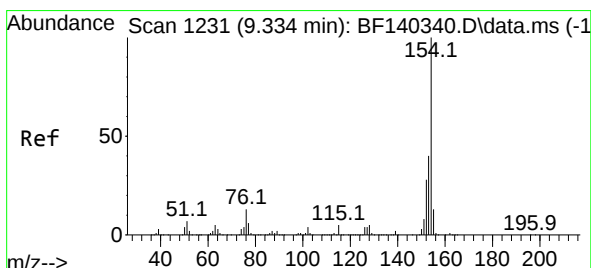
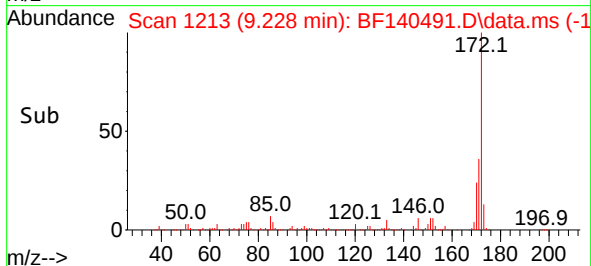
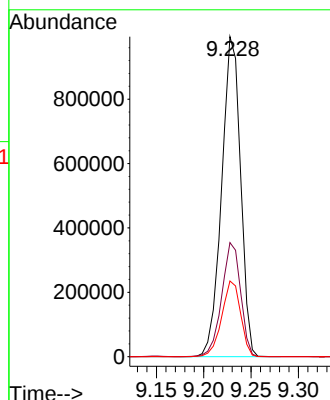
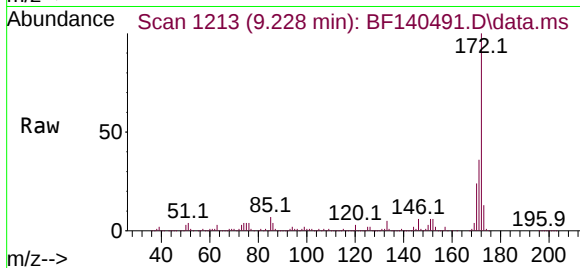
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#46

1,1'-Biphenyl

Concen: 43.333 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

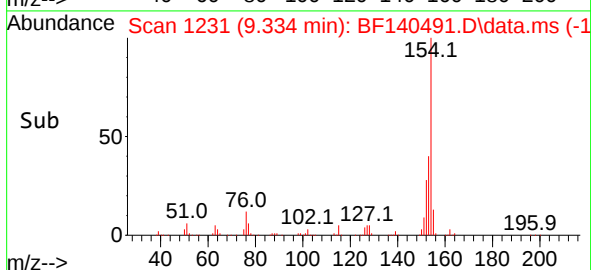
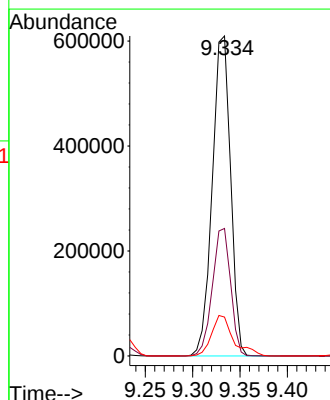
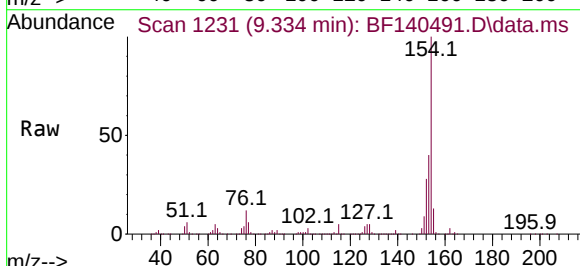
Tgt Ion:154 Resp: 817776

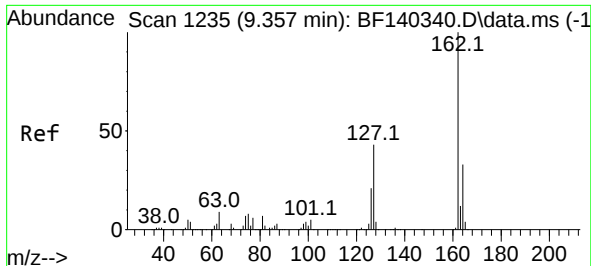
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 12.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.646 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

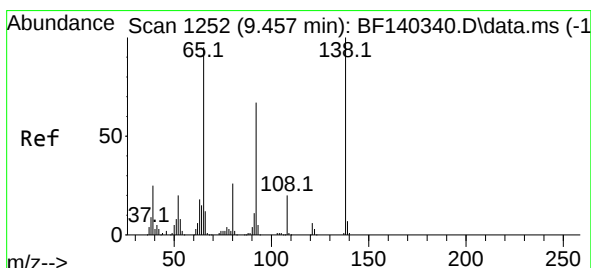
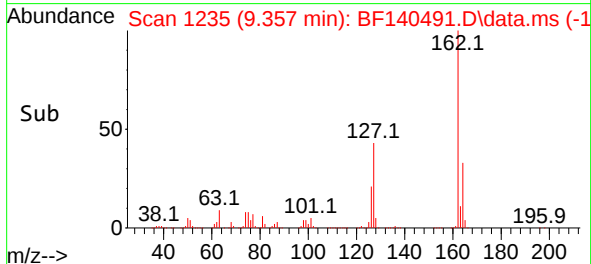
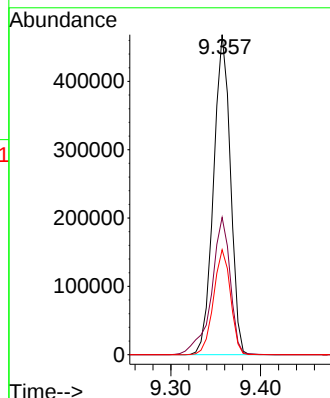
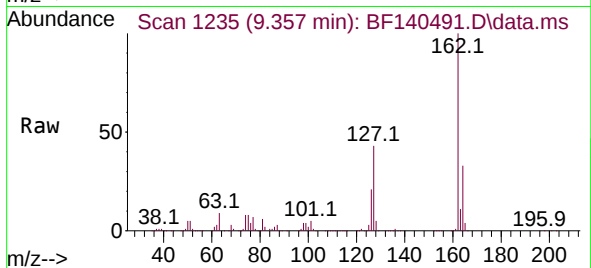
Tgt Ion:162 Resp: 61306
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.0 51.0
 164 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2-Nitroaniline

Concen: 44.665 ng

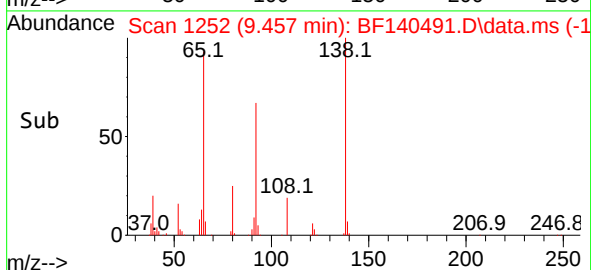
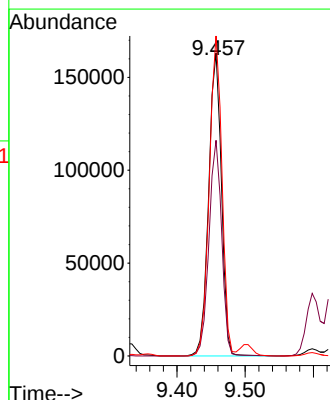
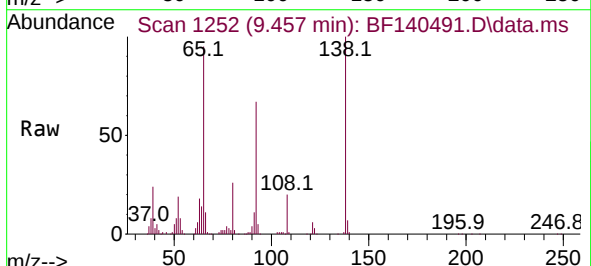
RT: 9.457 min Scan# 1252

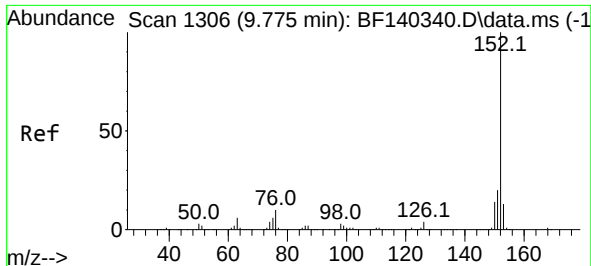
Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion: 65 Resp: 212944
 Ion Ratio Lower Upper
 65 100
 92 71.1 56.4 84.6
 138 105.6 84.8 127.2





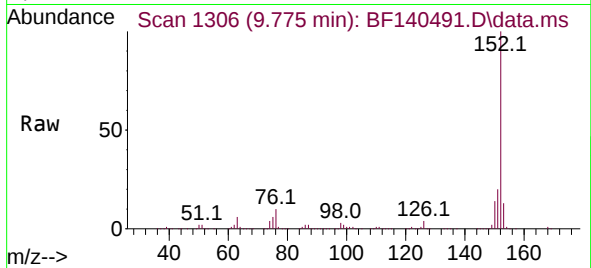
#49
Acenaphthylene
Concen: 46.753 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD



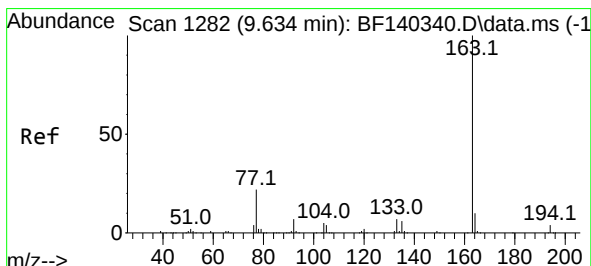
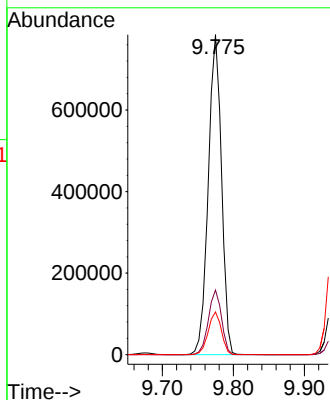
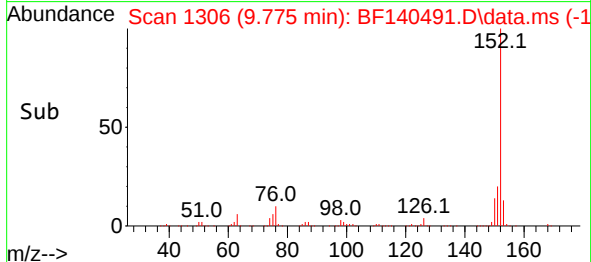
Tgt Ion:152 Resp: 101689
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.7 16.1

Manual Integrations

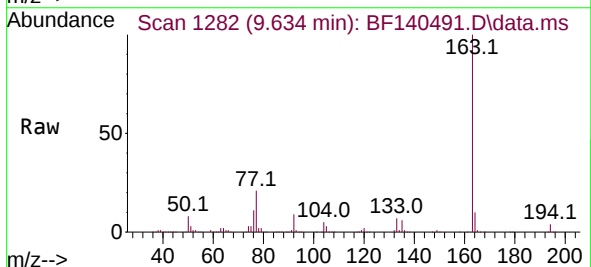
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

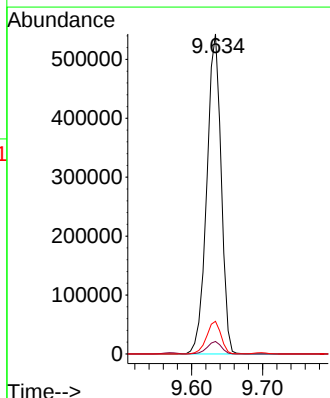
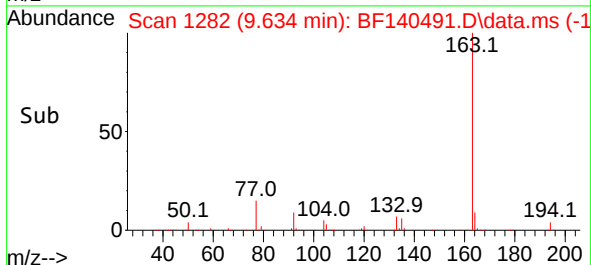
Supervised By :mohammad ahmed 11/22/2024

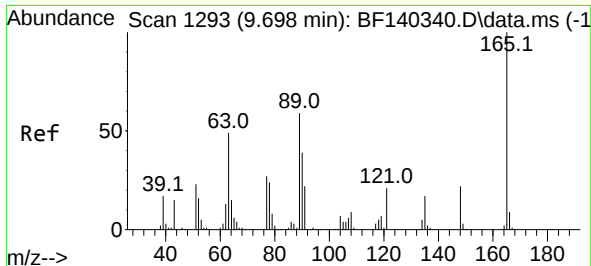


#50
Dimethylphthalate
Concen: 45.066 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:163 Resp: 761997
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4





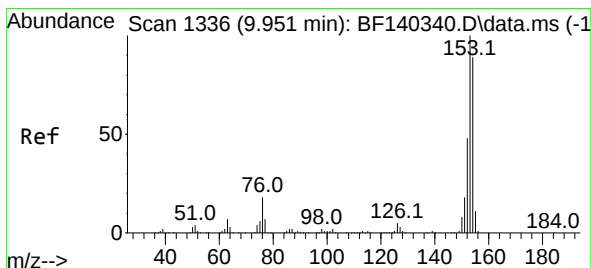
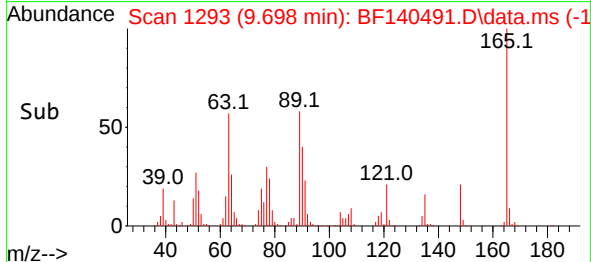
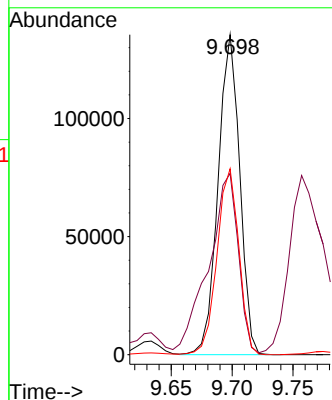
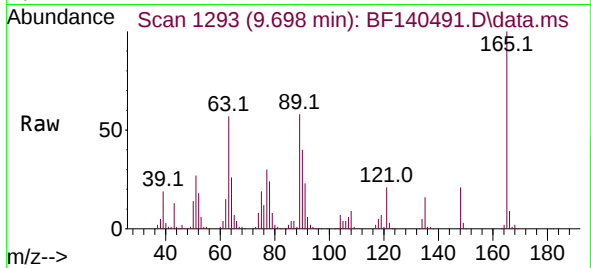
#51
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:165 Resp: 16744
Ion Ratio Lower Upper
165 100
63 56.6 47.6 71.4
89 58.1 48.1 72.1

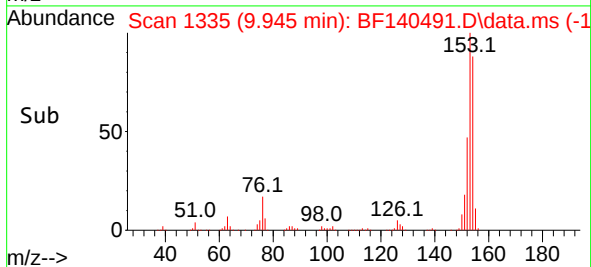
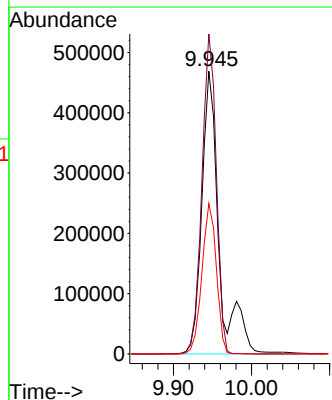
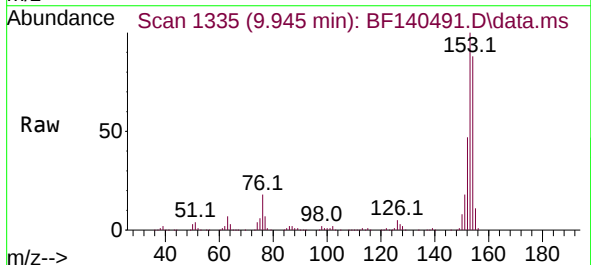
Manual Integrations
APPROVED

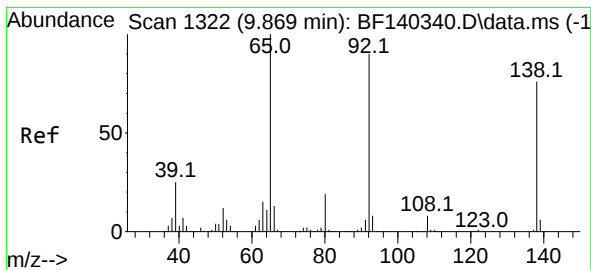
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#52
Acenaphthene
Concen: 49.090 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

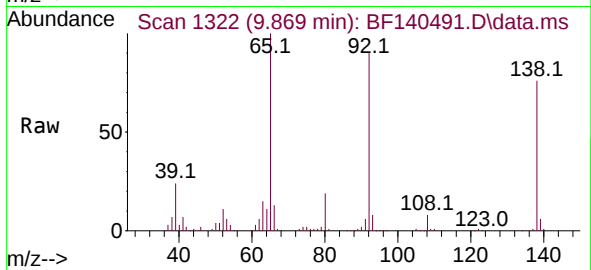
Tgt Ion:154 Resp: 721171
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 53.2 42.6 64.0





#53
3-Nitroaniline
Concen: 28.032 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

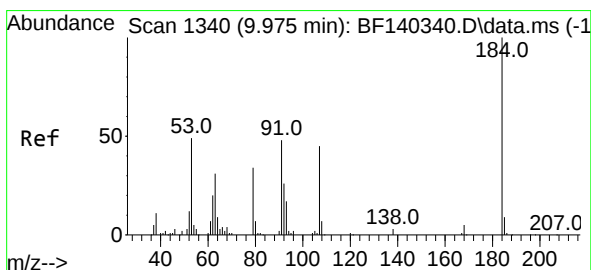
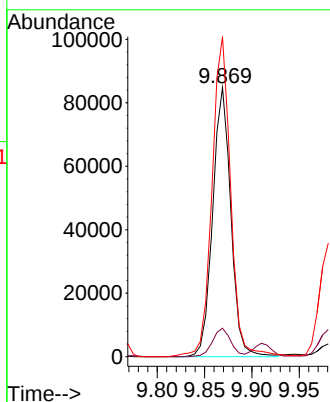
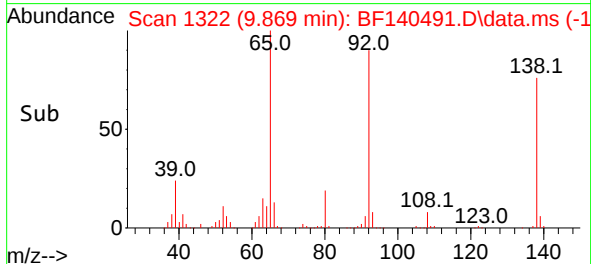
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



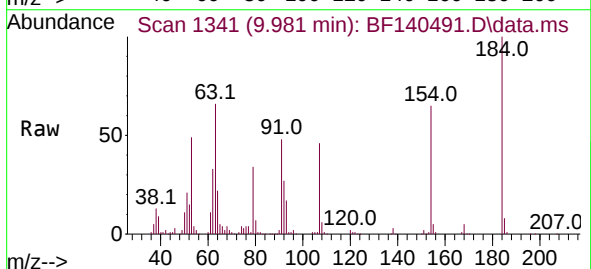
Tgt Ion:138 Resp: 113479
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 118.9 95.5 143.3

Manual Integrations
APPROVED

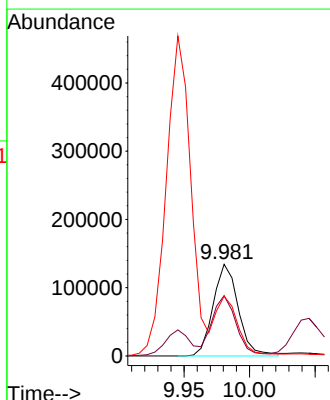
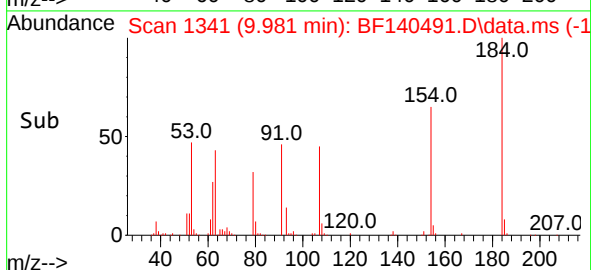
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

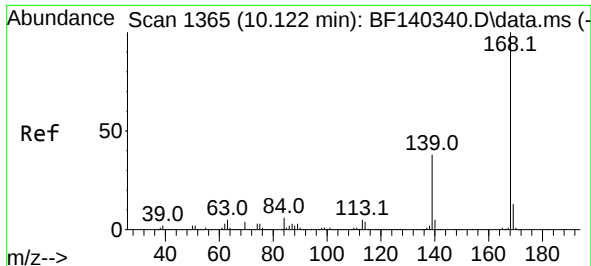


#54
2,4-Dinitrophenol
Concen: 90.272 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



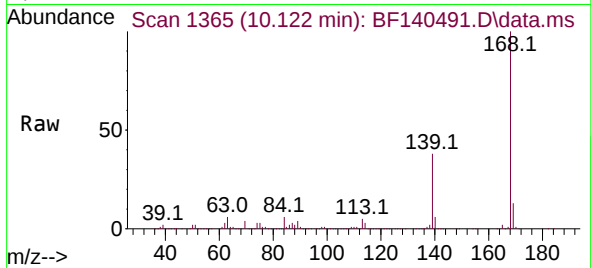
Tgt Ion:184 Resp: 179443
Ion Ratio Lower Upper
184 100
63 65.8 53.5 80.3
154 65.0 51.3 76.9





#55
Dibenzofuran
Concen: 44.537 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

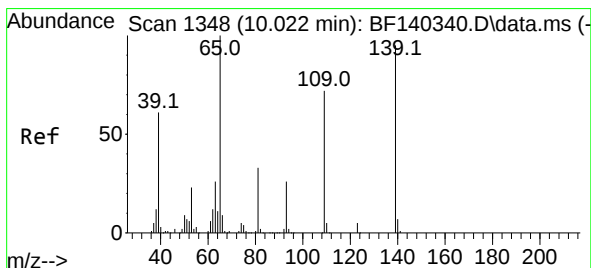
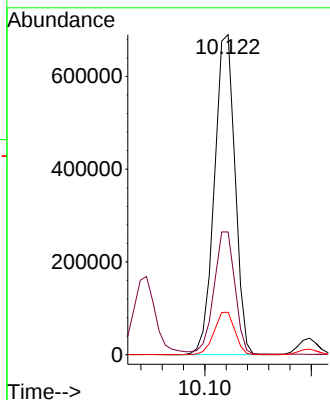
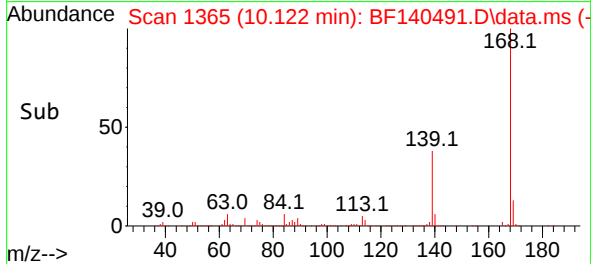
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:168 Resp: 926220
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.2 10.8 16.2

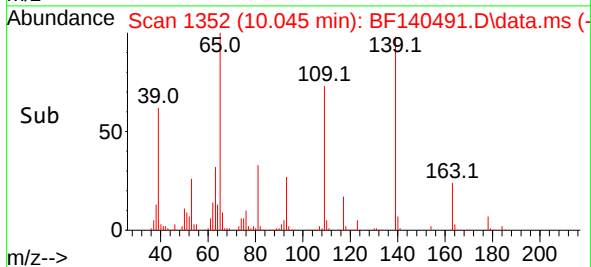
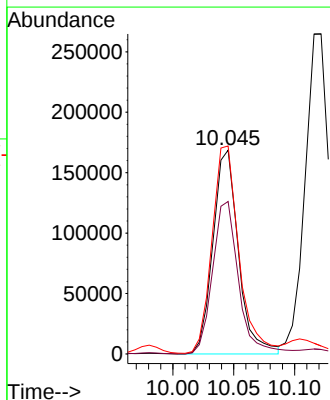
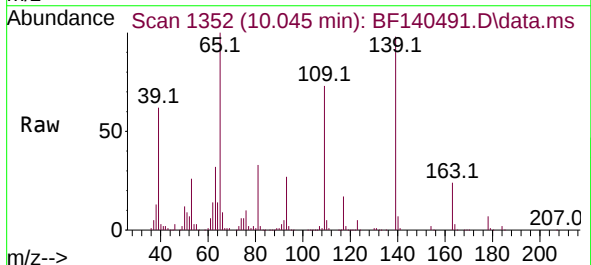
Manual Integrations
APPROVED

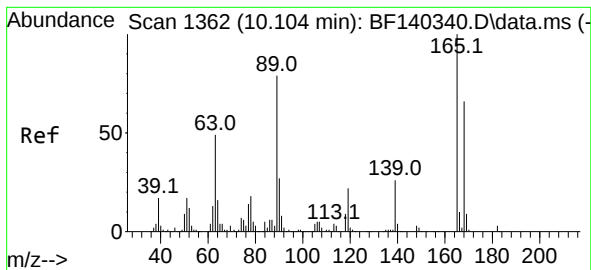
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#56
4-Nitrophenol
Concen: 83.401 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 246266
Ion Ratio Lower Upper
139 100
109 74.8 54.5 94.5
65 102.1 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 44.722 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

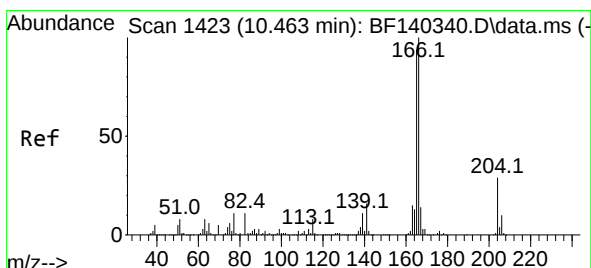
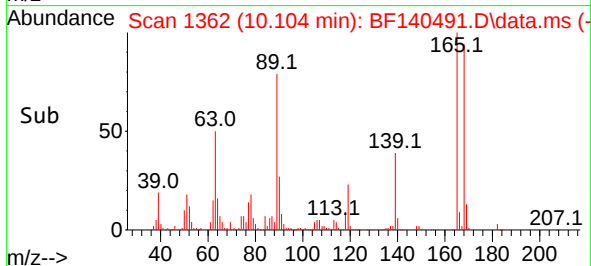
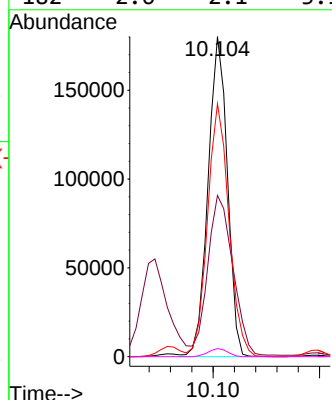
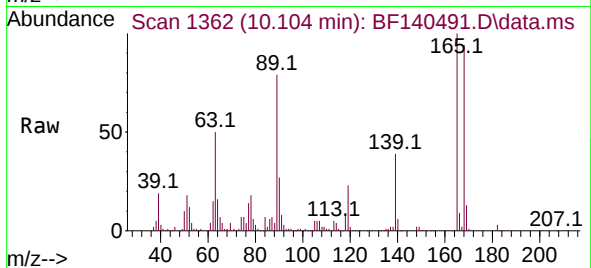
PB165039BSD

Tgt Ion:165 Resp: 226880
Ion Ratio Lower Upper
165 100
63 50.4 39.4 59.0
89 79.0 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations

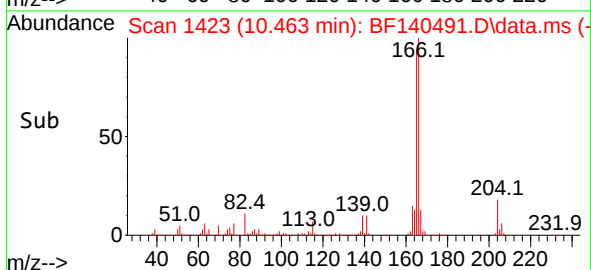
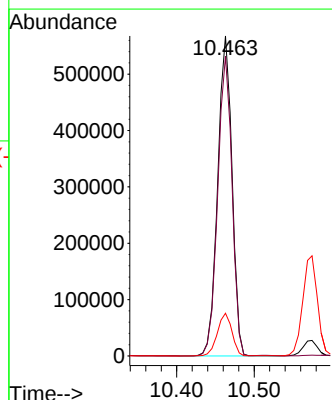
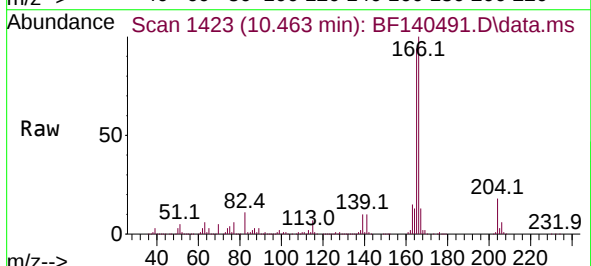
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
Fluorene
Concen: 44.342 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

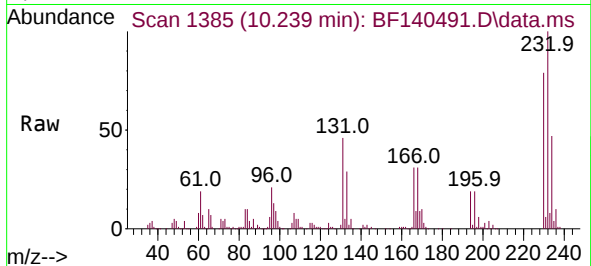
Tgt Ion:166 Resp: 728499
Ion Ratio Lower Upper
166 100
165 93.7 73.9 110.9
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.235 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

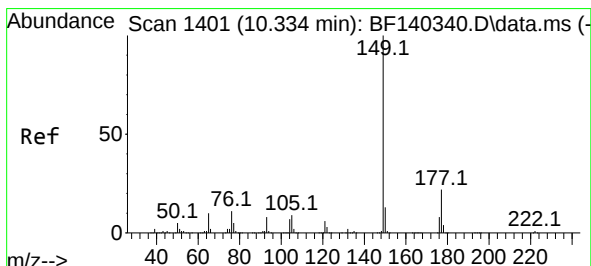
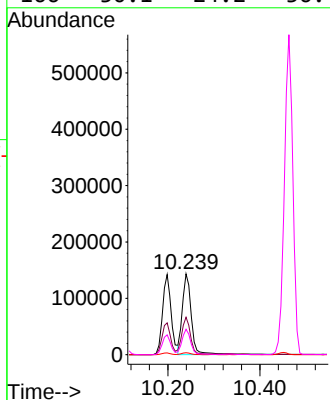
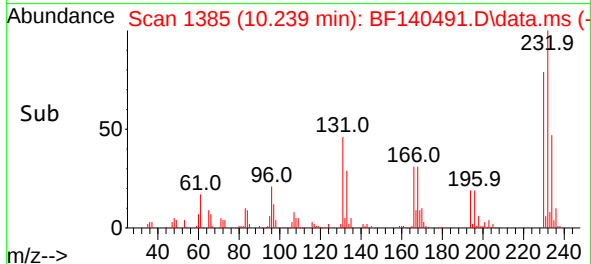
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



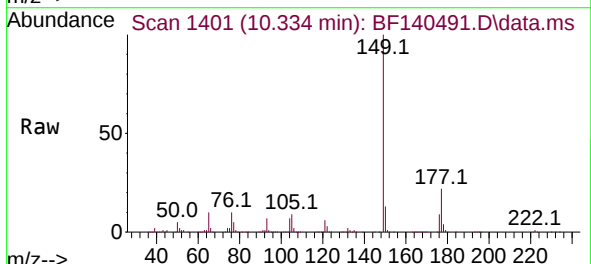
Tgt Ion:232 Resp: 191962
Ion Ratio Lower Upper
232 100
131 45.8 36.8 55.2
130 2.2 1.9 2.9
166 30.1 24.2 36.4

Manual Integrations
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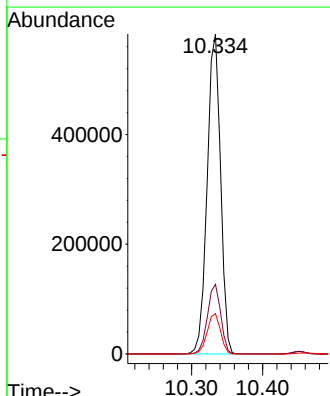
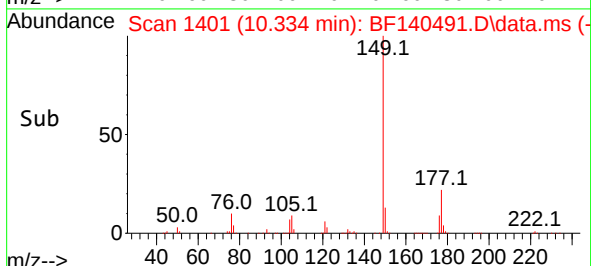
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

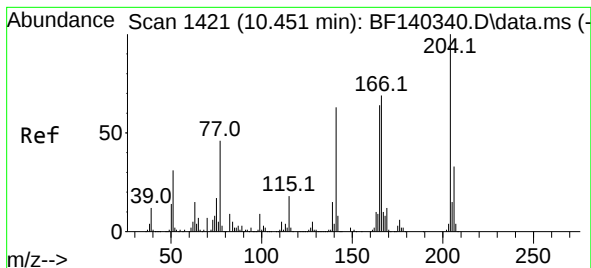


#60
Diethylphthalate
Concen: 44.186 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



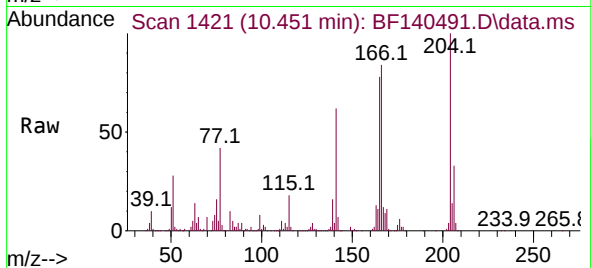
Tgt Ion:149 Resp: 763965
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.021 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

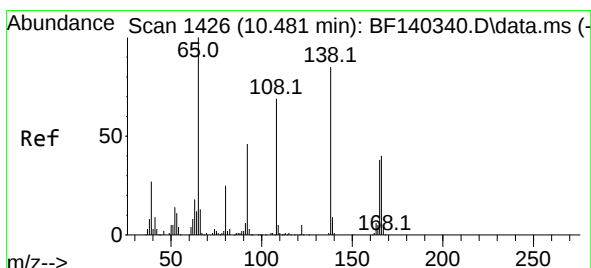
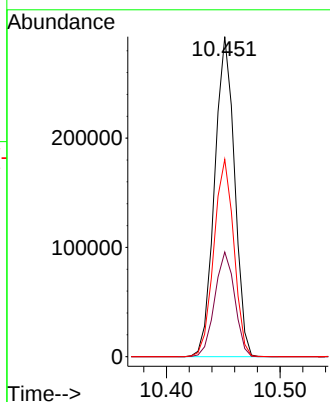
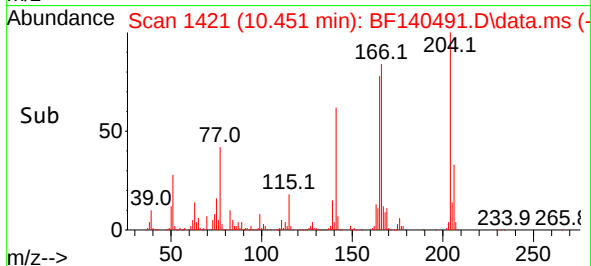
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



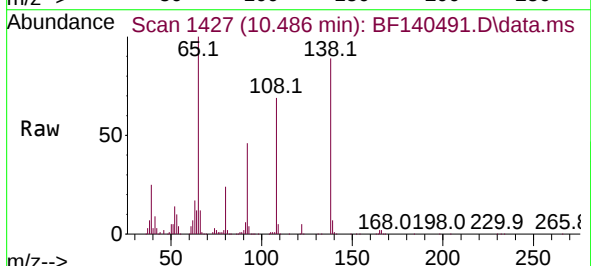
Tgt Ion:204 Resp: 357040
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.7 49.8 74.8

Manual Integrations
APPROVED

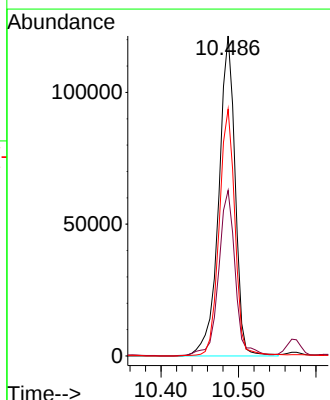
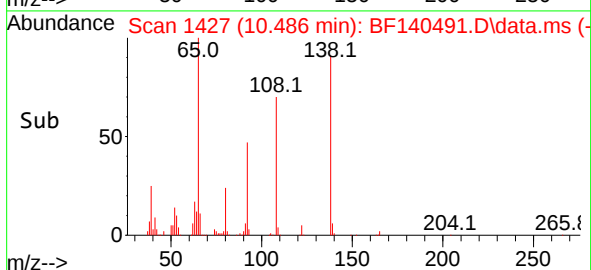
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

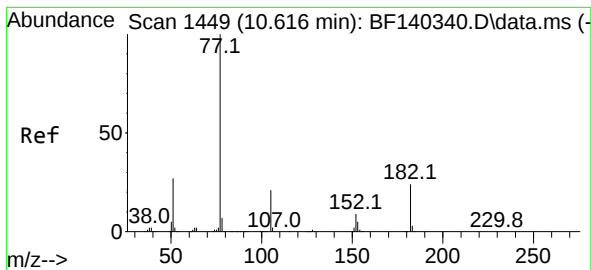


#62
4-Nitroaniline
Concen: 43.209 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



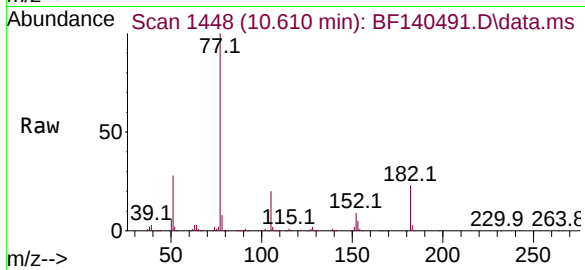
Tgt Ion:138 Resp: 178849
Ion Ratio Lower Upper
138 100
92 51.7 33.8 73.8
108 77.2 59.9 99.9





#63
Azobenzene
Concen: 44.178 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

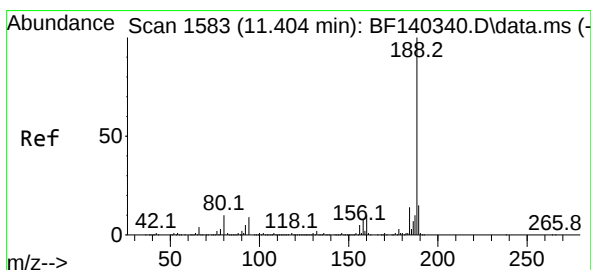
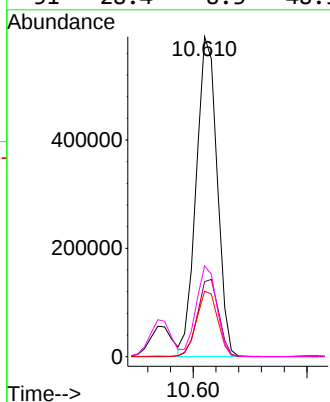
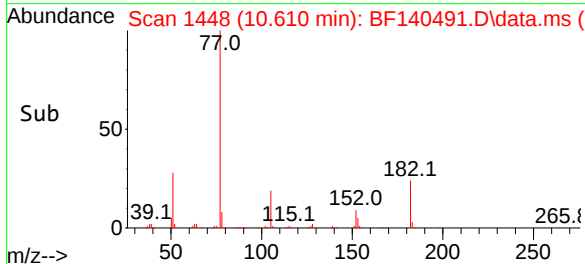
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



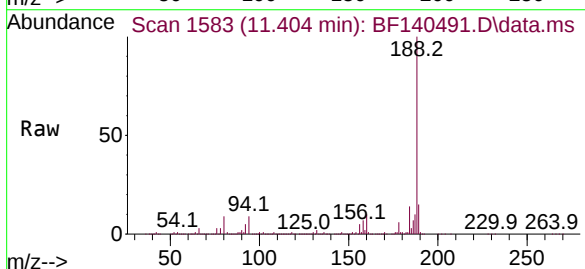
Tgt Ion: 77 Resp: 75470
Ion Ratio Lower Upper
77 100
182 23.5 4.6 44.6
105 20.5 0.9 40.9
51 28.4 8.3 48.3

Manual Integrations
APPROVED

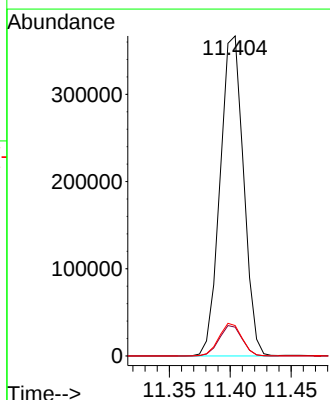
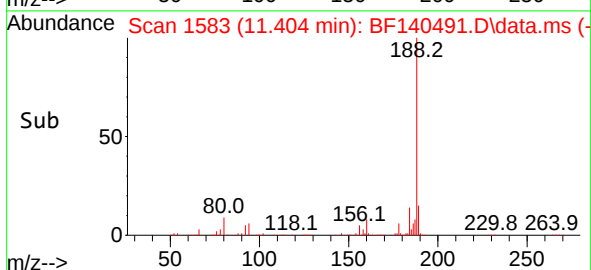
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

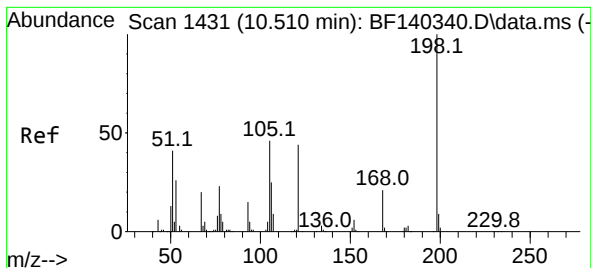


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:188 Resp: 492347
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.0 12.0





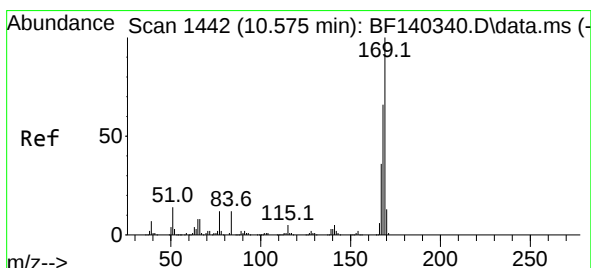
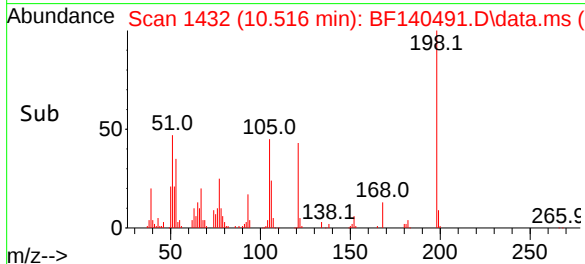
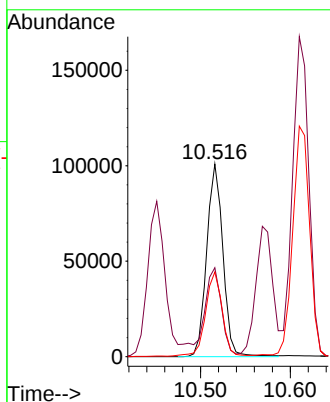
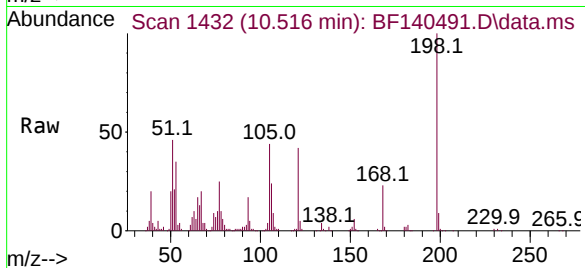
#65
4,6-Dinitro-2-methylphenol
Concen: 47.933 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:198 Resp: 12697
Ion Ratio Lower Upper
198 100
51 46.2 29.7 69.7
105 43.9 26.3 66.3

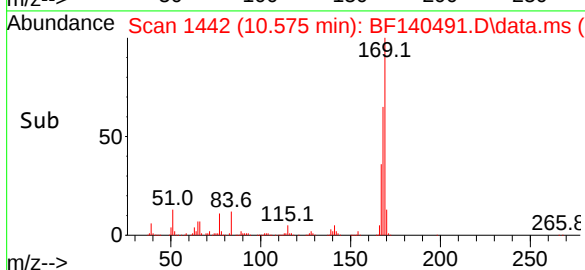
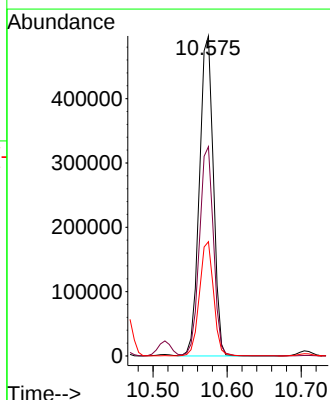
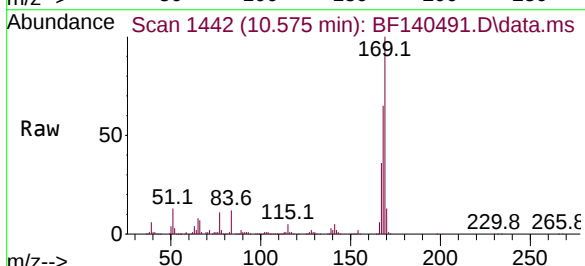
Manual Integrations
APPROVED

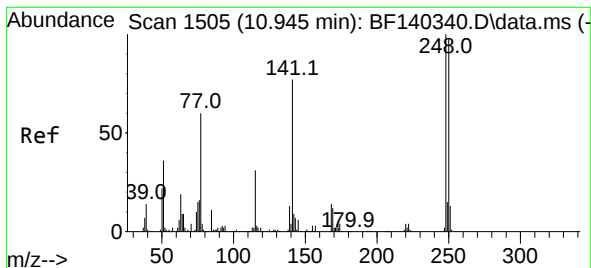
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 45.641 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:169 Resp: 649271
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 35.7 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 44.587 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

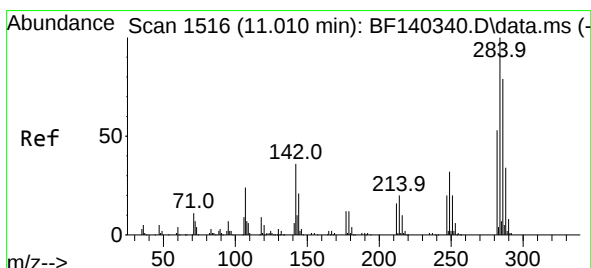
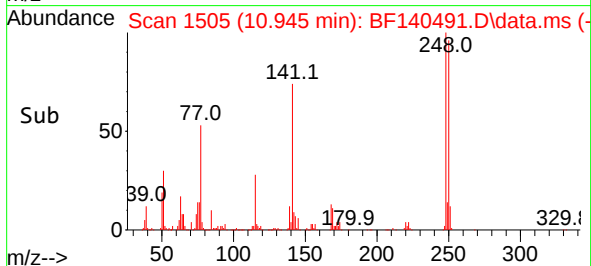
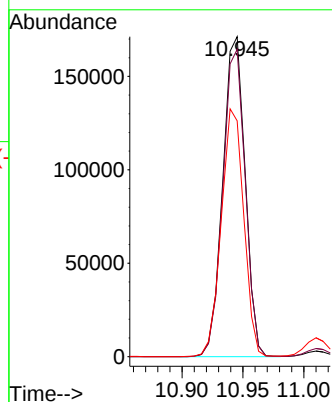
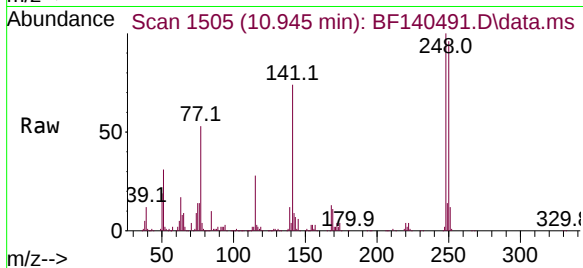
ClientSampleId :

PB165039BSD

Tgt Ion:248 Resp: 21943
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 73.7 61.8 92.6

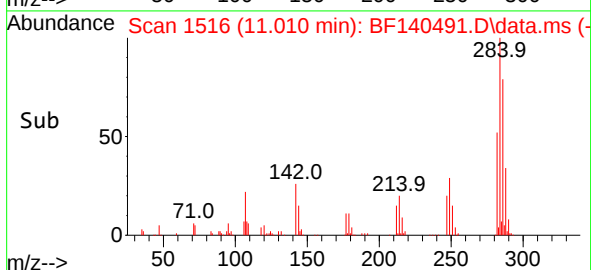
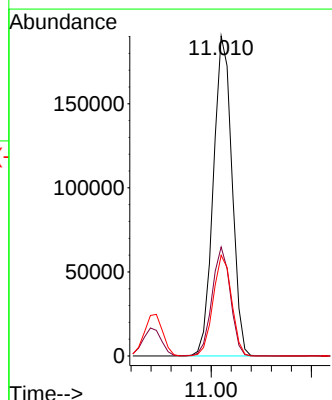
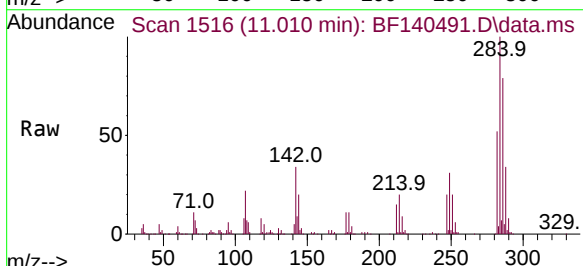
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#68
Hexachlorobenzene
Concen: 44.224 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:284 Resp: 244889
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.997 ng

RT: 11.098 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

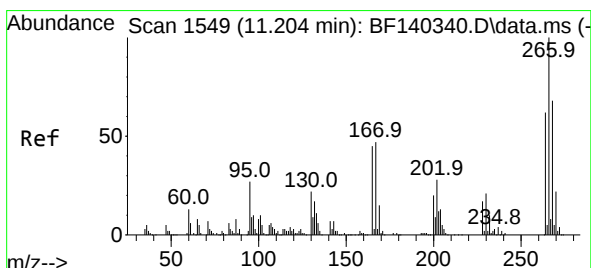
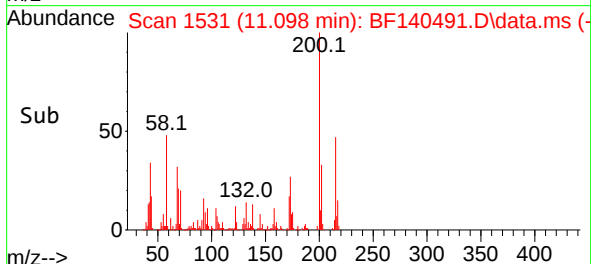
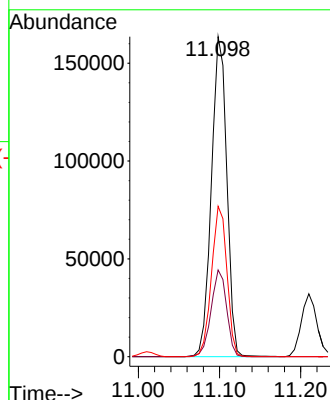
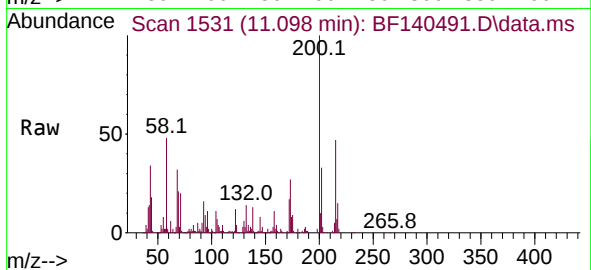
PB165039BSD

Tgt Ion:200 Resp: 21518
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.6 46.6
 215 47.0 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 84.474 ng

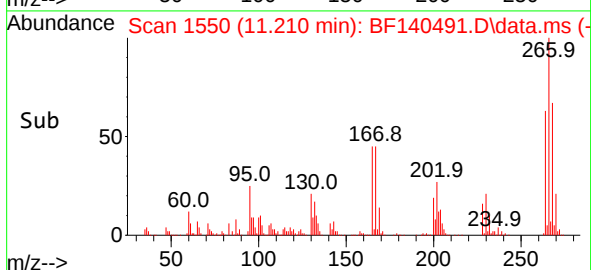
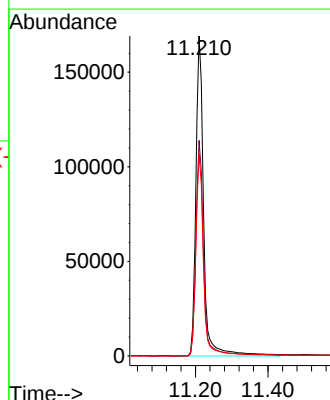
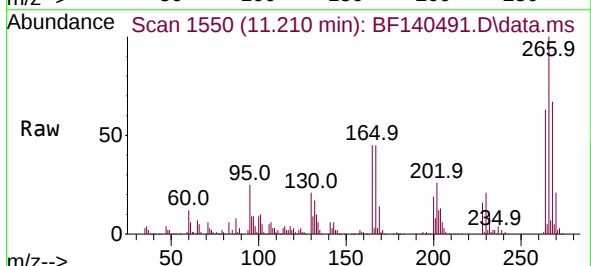
RT: 11.210 min Scan# 1550

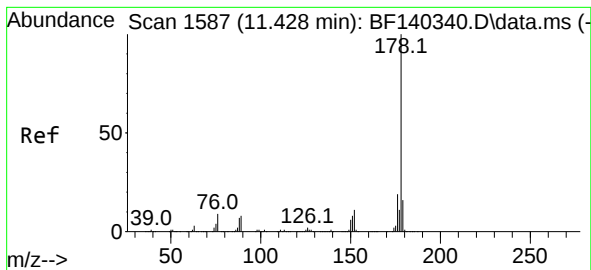
Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

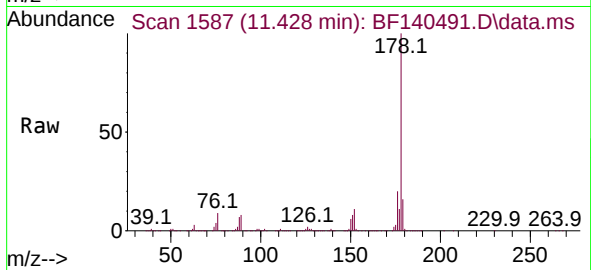
Tgt Ion:266 Resp: 251973
 Ion Ratio Lower Upper
 266 100
 268 67.4 52.9 79.3
 264 63.2 50.3 75.5





#71
Phenanthrene
Concen: 45.005 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

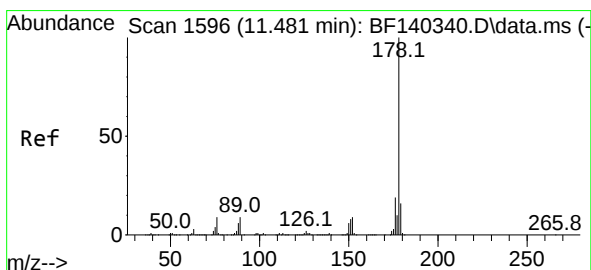
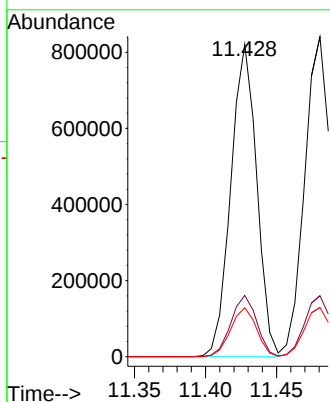
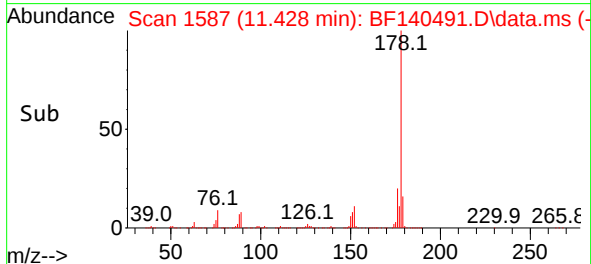
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:178 Resp: 1040890
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.4 18.6

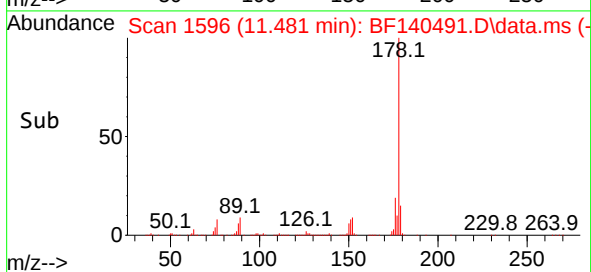
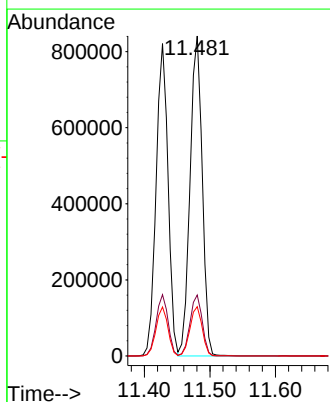
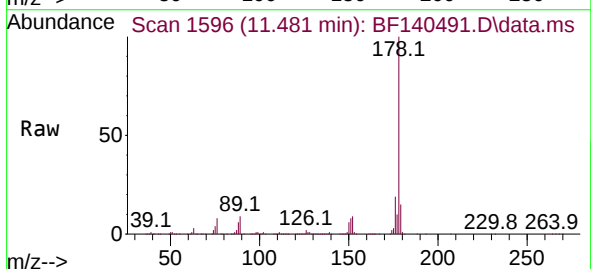
Manual Integrations
APPROVED

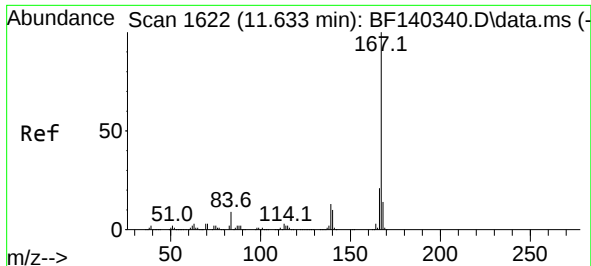
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#72
Anthracene
Concen: 47.601 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

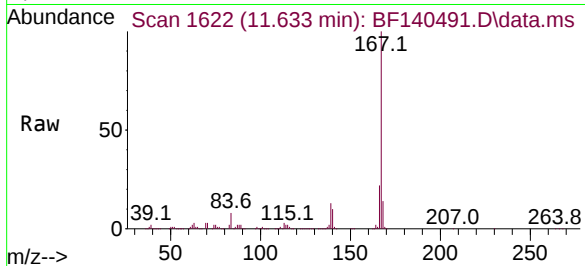
Tgt Ion:178 Resp: 1078980
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 44.369 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

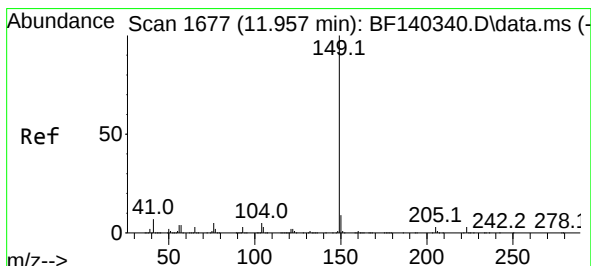
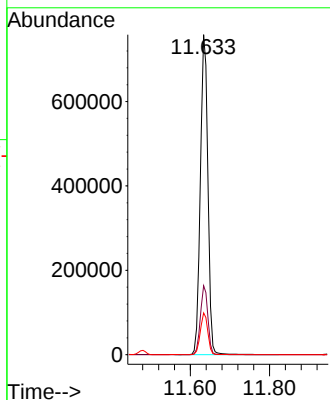
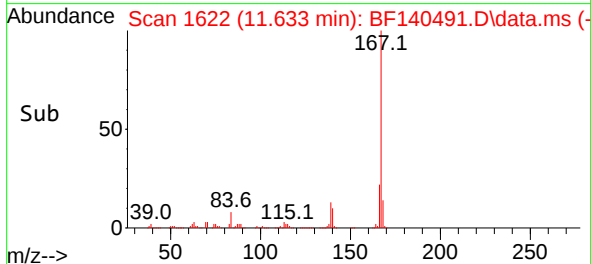
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD



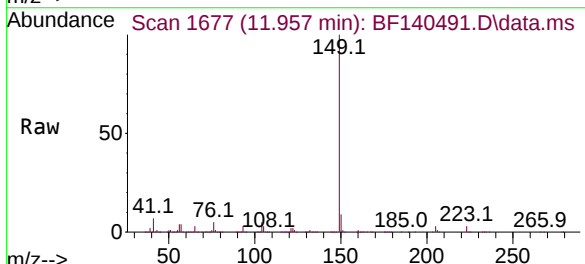
Tgt Ion:167 Resp: 99304
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.1 10.4 15.6

Manual Integrations
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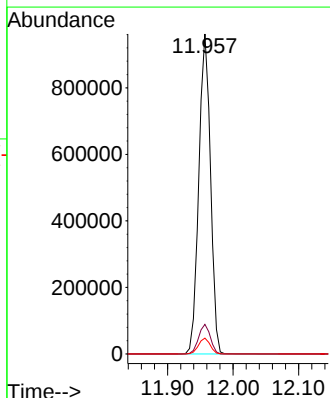
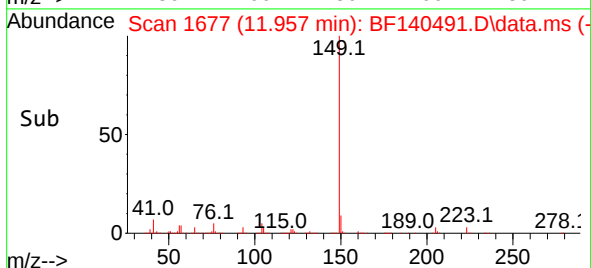
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

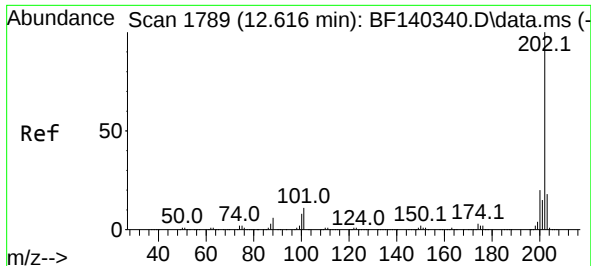


#74
 Di-n-butylphthalate
 Concen: 44.389 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49



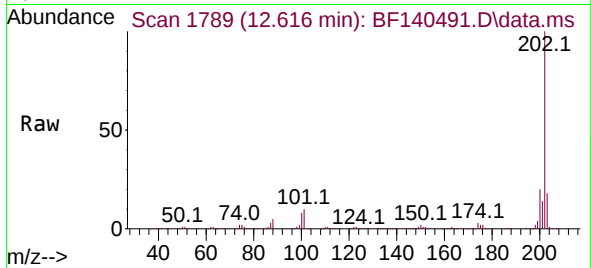
Tgt Ion:149 Resp: 1192406
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 44.367 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

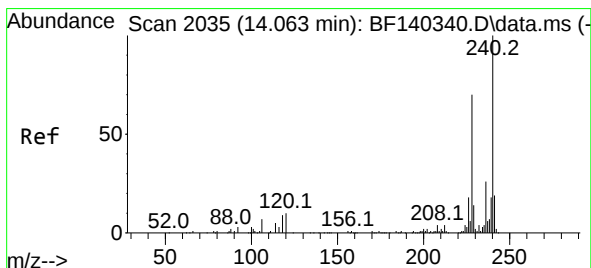
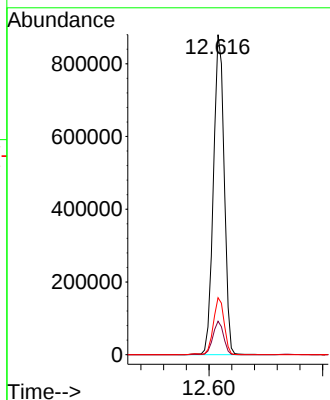
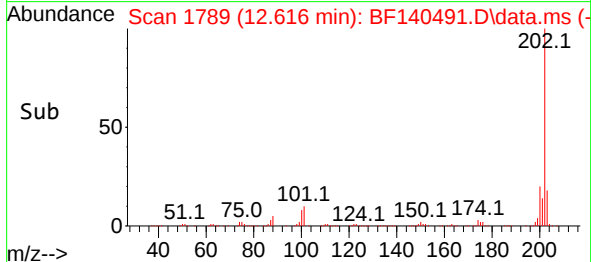
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



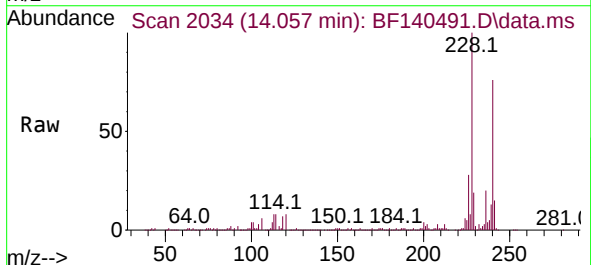
Tgt Ion:202 Resp: 115122
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.8 0.0 37.7

Manual Integrations
APPROVED

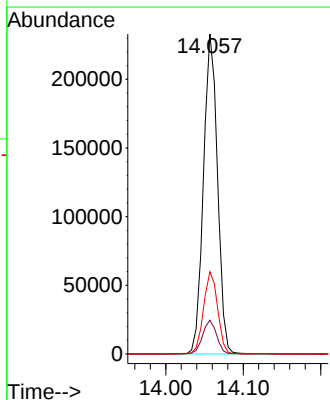
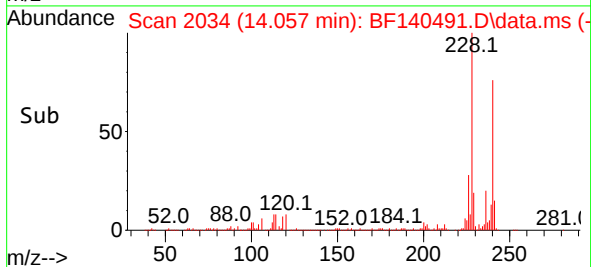
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

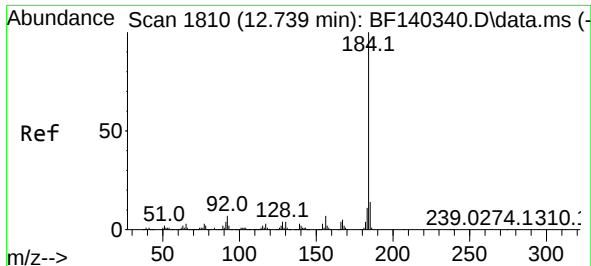


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



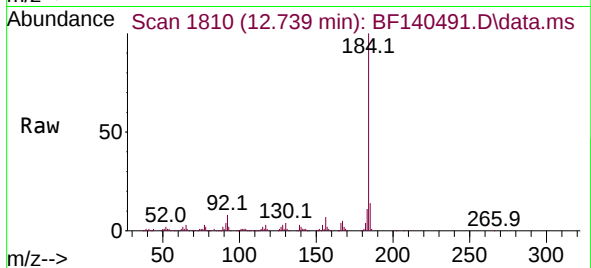
Tgt Ion:240 Resp: 292939
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 25.267 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

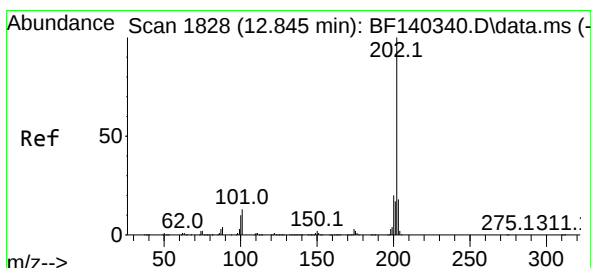
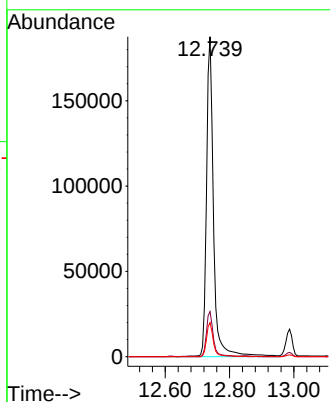
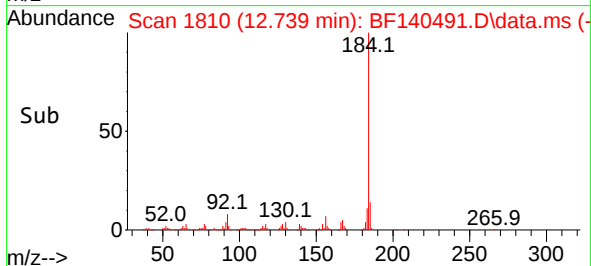
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:184 Resp: 284080
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.7 8.6 13.0

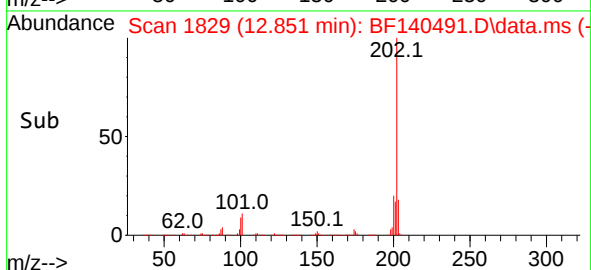
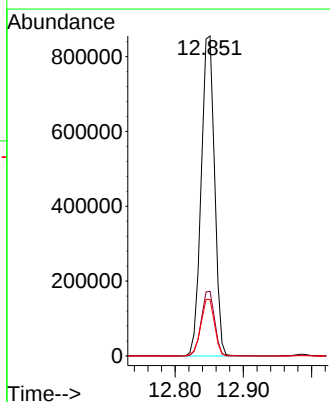
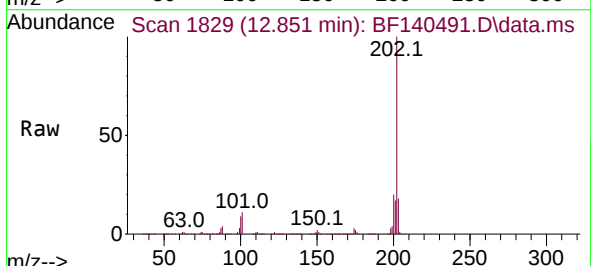
Manual Integrations
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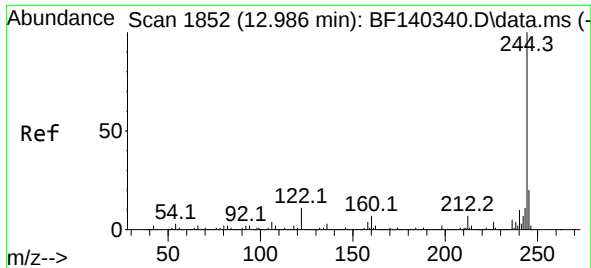
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#78
Pyrene
Concen: 46.565 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:202 Resp: 1166778
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 14.2 21.4





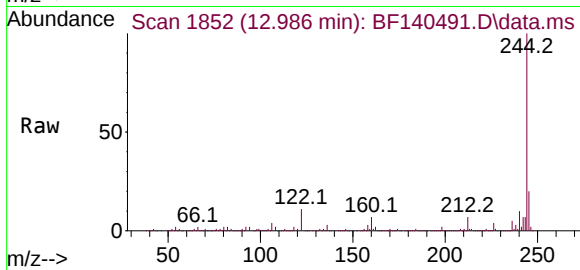
#79
 Terphenyl-d14
 Concen: 93.294 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD



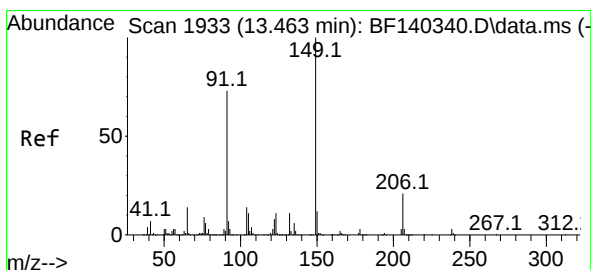
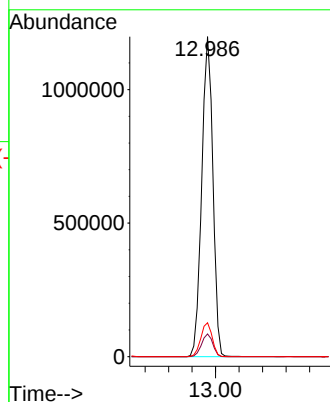
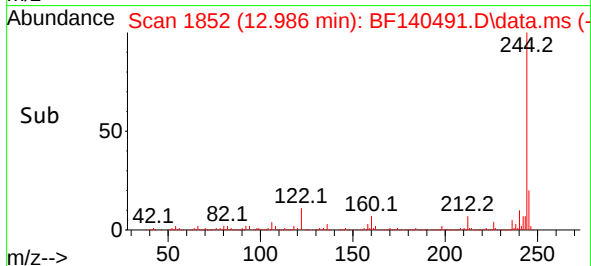
Tgt Ion:244 Resp: 157447
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.8 13.2

Manual Integrations

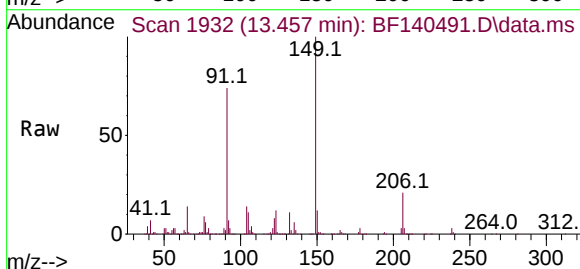
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

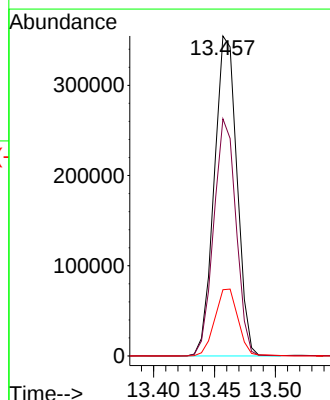
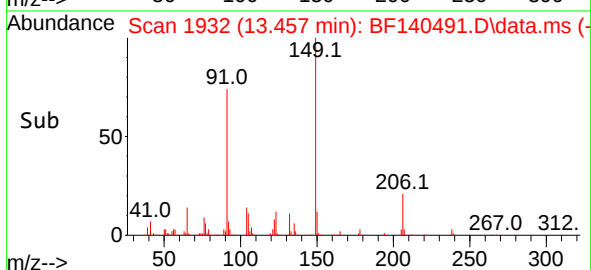
Supervised By :mohammad ahmed 11/22/2024

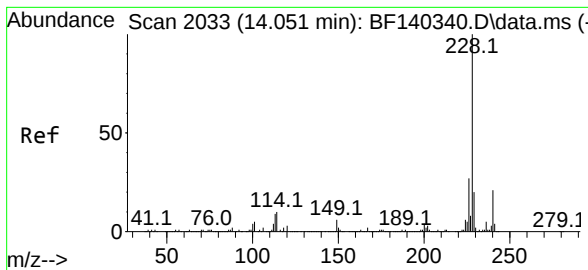


#80
 Butylbenzylphthalate
 Concen: 47.871 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49



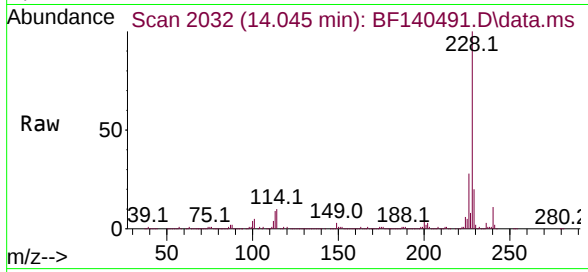
Tgt Ion:149 Resp: 460791
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.0 91.4
 206 20.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 44.801 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

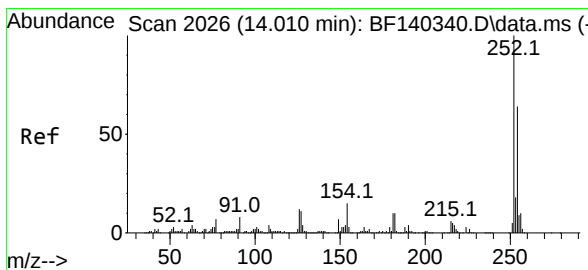
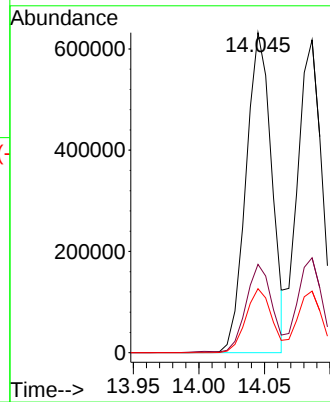
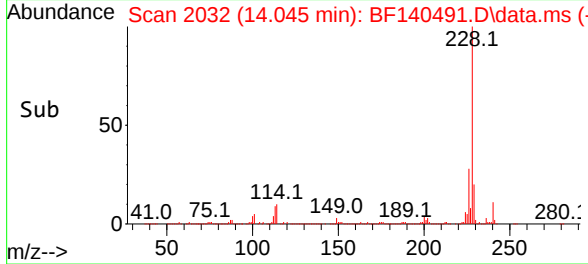
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



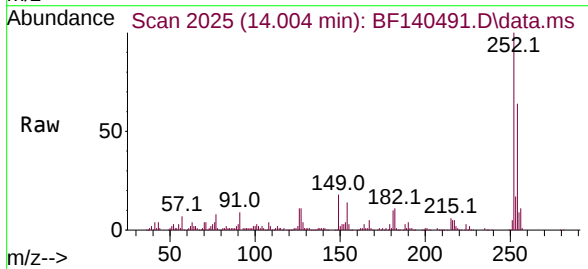
Tgt Ion:228 Resp: 862530
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.0 15.8 23.6

Manual Integrations
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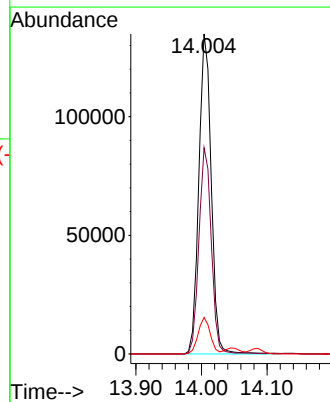
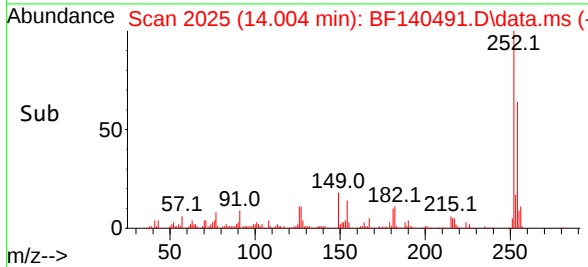
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

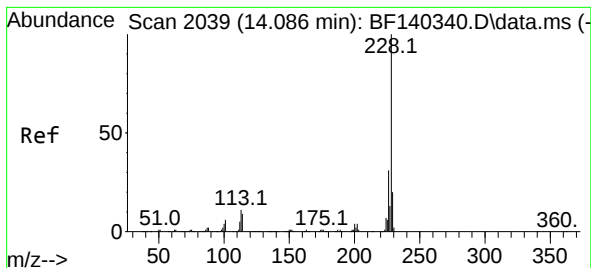


#82
3,3'-Dichlorobenzidine
Concen: 29.046 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:252 Resp: 177745
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.508 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:228 Resp: 79941

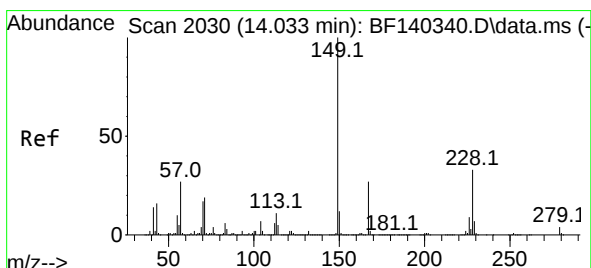
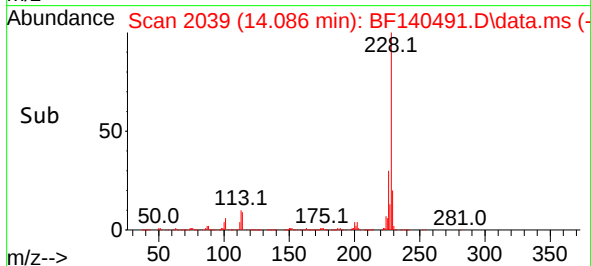
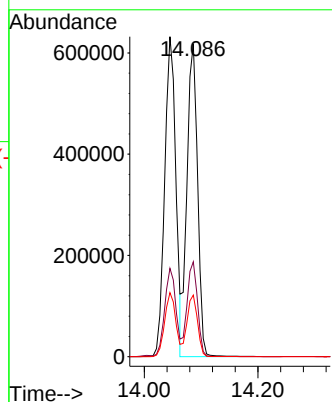
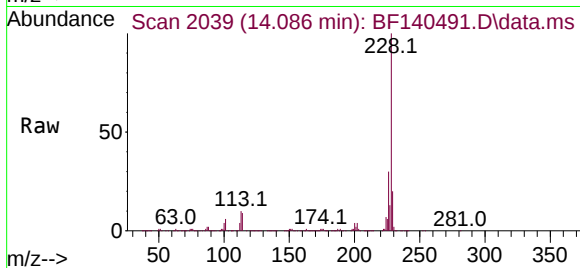
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.223 ng

RT: 14.022 min Scan# 2028

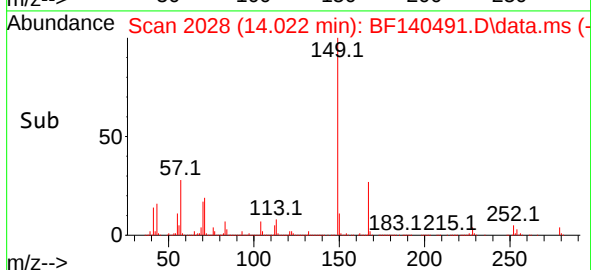
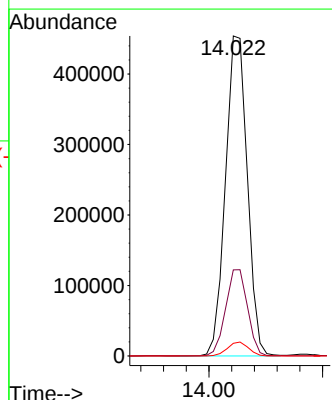
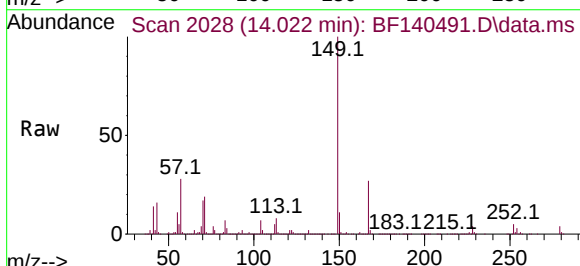
Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:149 Resp: 606727

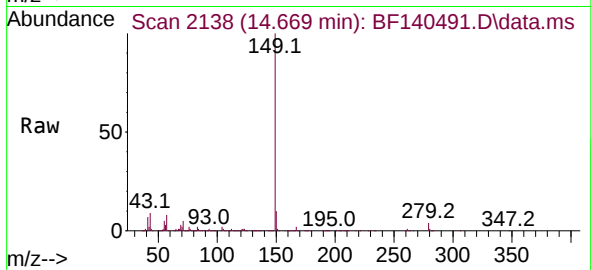
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.9	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 45.064 ng
RT: 14.669 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

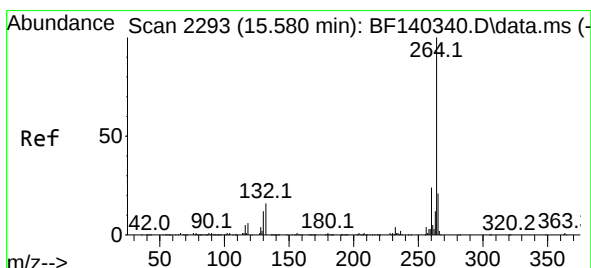
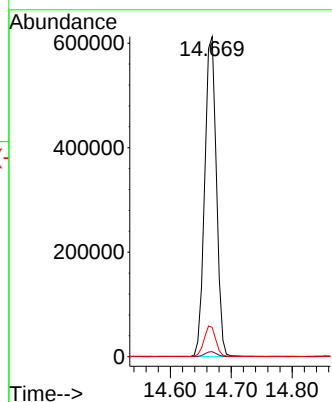
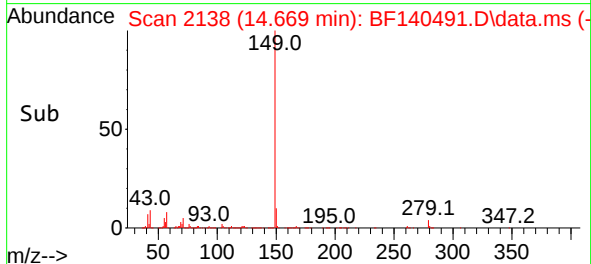
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:149 Resp: 815449
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 8.0 12.0

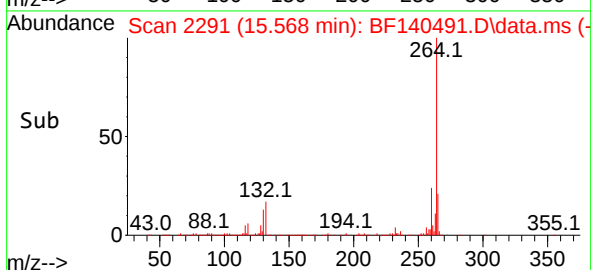
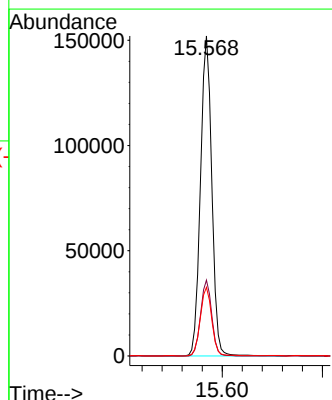
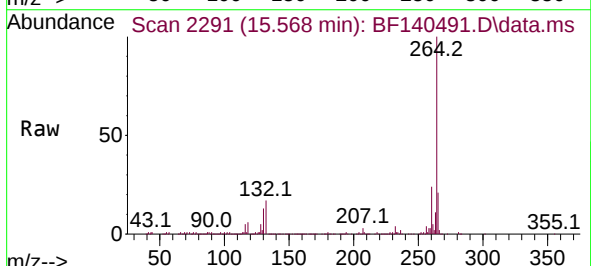
Manual Integrations
APPROVED

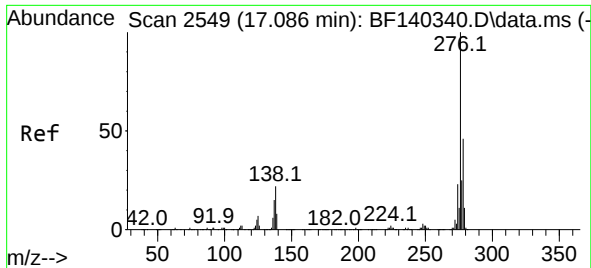
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:264 Resp: 237975
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.098 ng
 RT: 17.086 min Scan# 2110
 Delta R.T. 0.029 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

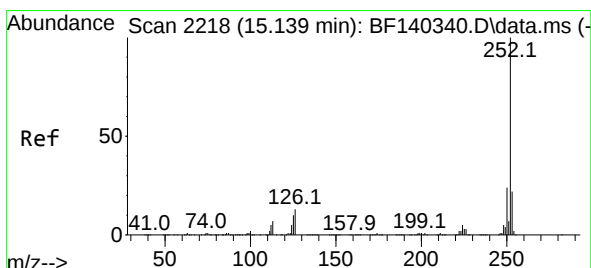
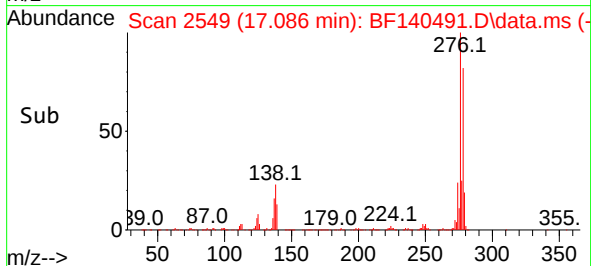
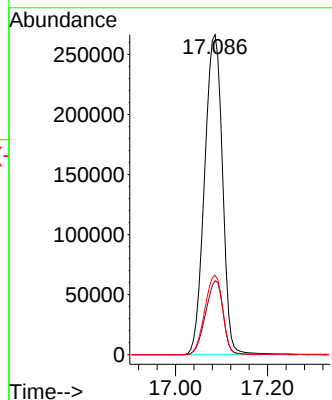
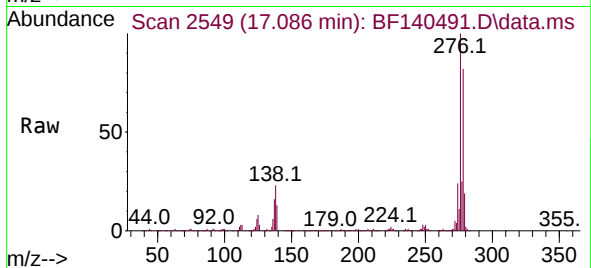
PB165039BSD

Tgt Ion:276 Resp: 72175
 Ion Ratio Lower Upper
 276 100
 138 22.7 18.8 28.2
 277 24.9 20.2 30.2

Manual Integrations

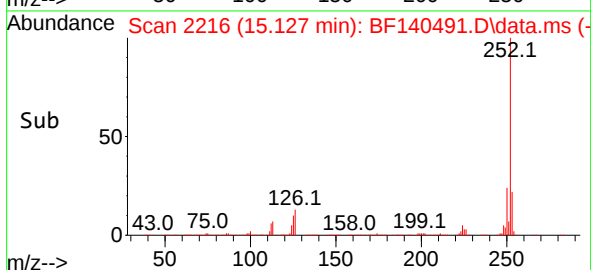
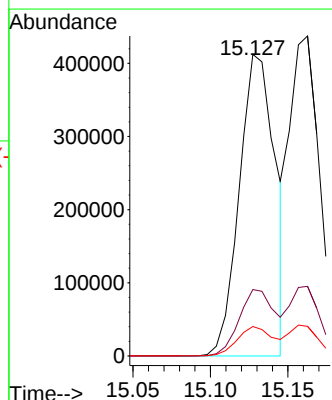
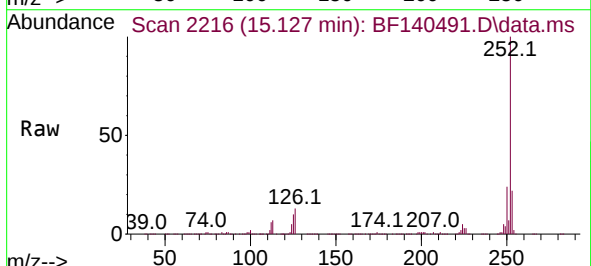
APPROVED

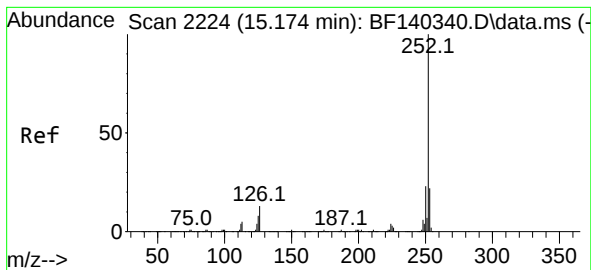
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#88
 Benzo(b)fluoranthene
 Concen: 42.541 ng
 RT: 15.127 min Scan# 2216
 Delta R.T. 0.012 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion:252 Resp: 662250
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.415 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:252 Resp: 59026

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

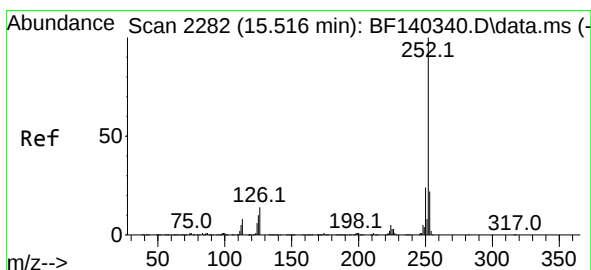
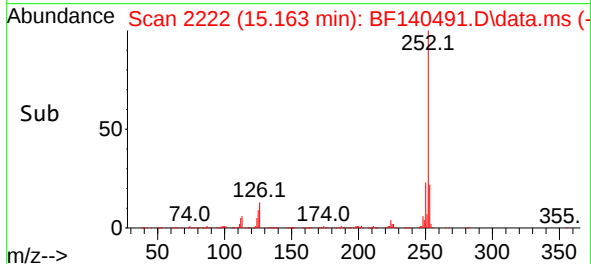
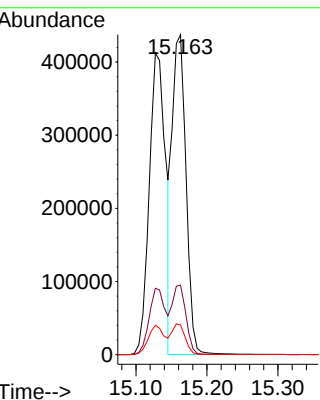
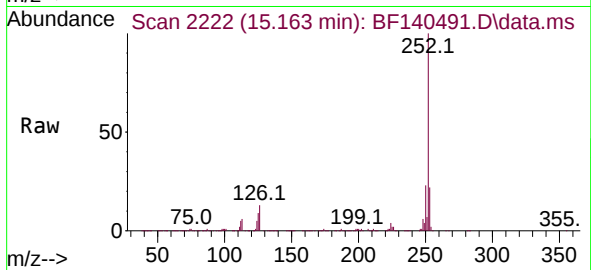
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 48.691 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

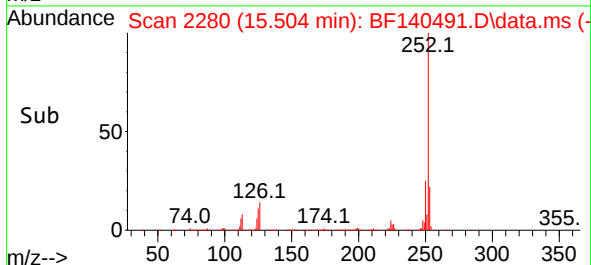
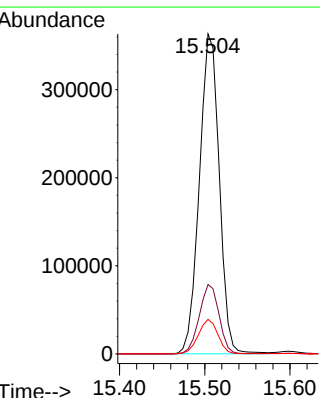
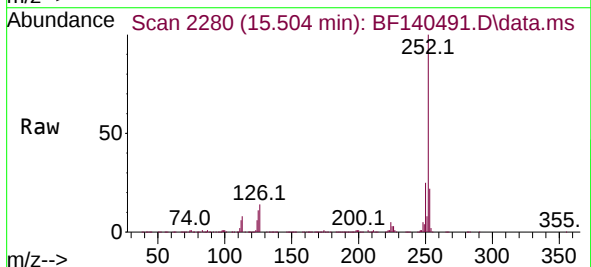
Tgt Ion:252 Resp: 588626

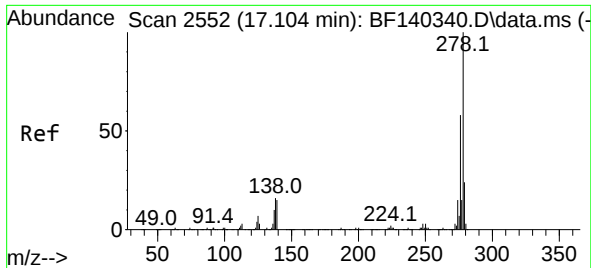
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 48.720 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

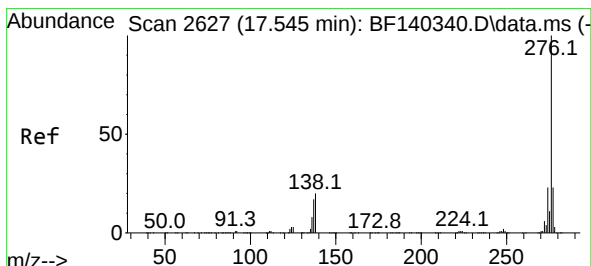
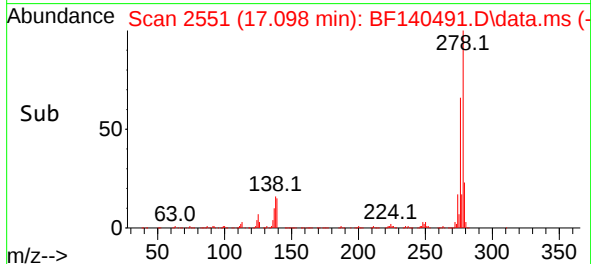
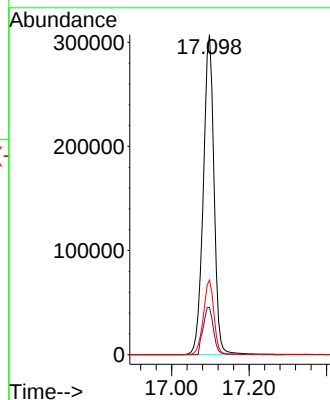
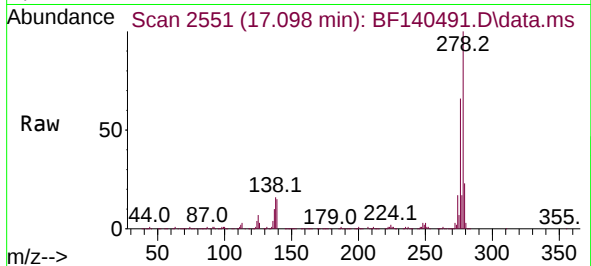
ClientSampleId :

PB165039BSD

Tgt Ion:278 Resp: 59200
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.3 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#92
Benzo(g,h,i)perylene
Concen: 45.008 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:276 Resp: 559109
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.2 16.0 24.0

