

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144077.D
 Acq On : 27 Oct 2025 11:56
 Operator : RC/JU
 Sample : PB170210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170210BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 27 12:33:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69633	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	270699	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	145913	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	270812	20.000	ng	0.00
76) Chrysene-d12	14.062	240	145792	20.000	ng	0.00
86) Perylene-d12	15.545	264	180063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	388586	88.289	ng	0.02
7) Phenol-d6	6.510	99	450111	92.601	ng	0.00
23) Nitrobenzene-d5	7.445	82	427875	86.598	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	182428	98.151	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	892931	86.116	ng	0.00
79) Terphenyl-d14	12.998	244	955776	114.609	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	66042	34.724	ng	97
3) Pyridine	3.481	79	175799	34.527	ng	97
4) n-Nitrosodimethylamine	3.434	42	136103	43.502	ng	96
6) Aniline	6.545	93	174207	25.051	ng	98
8) 2-Chlorophenol	6.663	128	190991	44.064	ng	97
10) Phenol	6.528	94	258935	43.179	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	203334	46.925	ng	97
12) 1,3-Dichlorobenzene	6.822	146	235168	43.984	ng	100
13) 1,4-Dichlorobenzene	6.898	146	238693	45.299	ng	98
14) 1,2-Dichlorobenzene	7.051	146	233063	45.713	ng	99
15) Benzyl Alcohol	7.022	79	192356	48.669	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	369951	45.426	ng	99
17) 2-Methylphenol	7.134	107	157865	47.355	ng	98
18) Hexachloroethane	7.392	117	81576	43.303	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	156813	49.889	ng	94
20) 3+4-Methylphenols	7.286	107	183857	46.654	ng	# 90
22) Acetophenone	7.292	105	259375	44.337	ng	97
24) Nitrobenzene	7.463	77	230378	44.077	ng	97
25) Isophorone	7.704	82	409716	47.430	ng	99
26) 2-Nitrophenol	7.781	139	109159	43.901	ng	97
27) 2,4-Dimethylphenol	7.816	122	183060	49.542	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	245073	45.493	ng	99
29) 2,4-Dichlorophenol	8.022	162	188162	43.789	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	206239	46.653	ng	98
31) Naphthalene	8.186	128	550251	43.068	ng	99
32) Benzoic acid	7.945	122	122479	52.257	ng	88
33) 4-Chloroaniline	8.233	127	135875	30.550	ng	97
34) Hexachlorobutadiene	8.298	225	148790	41.162	ng	99
35) Caprolactam	8.604	113	56883m	52.789	ng	
36) 4-Chloro-3-methylphenol	8.716	107	180239	47.531	ng	93
37) 2-Methylnaphthalene	8.875	142	367930	43.679	ng	96
38) 1-Methylnaphthalene	8.975	142	341894	42.841	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	213604	42.595	ng	98
41) Hexachlorocyclopentadiene	9.028	237	212668	137.305	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	151582	46.504	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	153246	44.797	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	459294	43.972	ng	100
47) 2-Chloronaphthalene	9.369	162	390176	44.588	ng	96
48) 2-Nitroaniline	9.463	65	125269	48.208	ng	99
49) Acenaphthylene	9.786	152	543618	46.073	ng	99
50) Dimethylphthalate	9.645	163	457498	47.834	ng	100
51) 2,6-Dinitrotoluene	9.704	165	99534	52.642	ng	100
52) Acenaphthene	9.957	154	331396m	42.056	ng	
53) 3-Nitroaniline	9.875	138	77993	37.101	ng	95
54) 2,4-Dinitrophenol	9.986	184	118130	115.513	ng	99
55) Dibenzofuran	10.127	168	499666	45.675	ng	99
56) 4-Nitrophenol	10.039	139	137633	96.685	ng	97
57) 2,4-Dinitrotoluene	10.110	165	129476	50.738	ng	# 96
58) Fluorene	10.474	166	376247	45.139	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	126574	52.507	ng	# 98
60) Diethylphthalate	10.345	149	425325	47.287	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	221949	47.349	ng	96
62) 4-Nitroaniline	10.492	138	88718	44.541	ng	98
63) Azobenzene	10.622	77	402347	47.262	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	79784	45.919	ng	93
66) n-Nitrosodiphenylamine	10.580	169	376450	43.507	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	153807	45.361	ng	95
68) Hexachlorobenzene	11.022	284	181258	43.588	ng	97
69) Atrazine	11.110	200	84663	29.818	ng	99
70) Pentachlorophenol	11.216	266	178439	90.147	ng	97
71) Phenanthrene	11.439	178	577108	42.899	ng	98
72) Anthracene	11.492	178	573686	41.281	ng	99
73) Carbazole	11.645	167	501022	42.357	ng	98
74) Di-n-butylphthalate	11.969	149	607300	41.876	ng	100
75) Fluoranthene	12.627	202	586828	39.483	ng	99
77) Benzidine	12.751	184	37428	8.249	ng	98
78) Pyrene	12.857	202	587919	56.091	ng	99
80) Butylbenzylphthalate	13.474	149	199803	50.388	ng	99
81) Benzo(a)anthracene	14.051	228	477212	48.435	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	151232	44.094	ng	98
83) Chrysene	14.086	228	432073	46.732	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	251180	46.400	ng	99
85) Di-n-octyl phthalate	14.645	149	435137	46.741	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	632133	51.134	ng	99
88) Benzo(b)fluoranthene	15.109	252	575949	56.579	ng	99
89) Benzo(k)fluoranthene	15.139	252	433568	46.164	ng	99
90) Benzo(a)pyrene	15.480	252	455184	49.843	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	524352	53.584	ng	99
92) Benzo(g,h,i)perylene	17.515	276	541975	55.087	ng	99

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

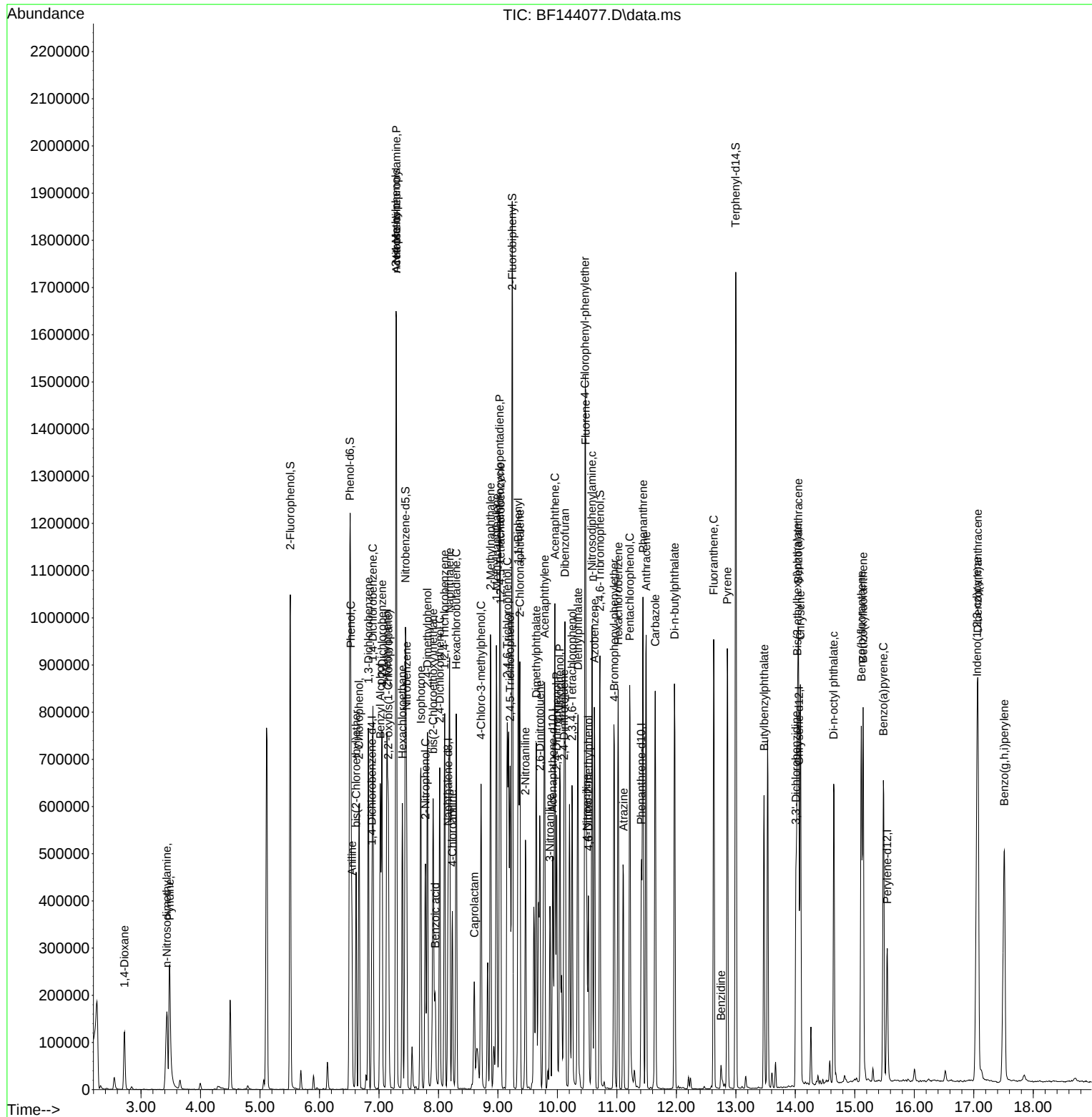
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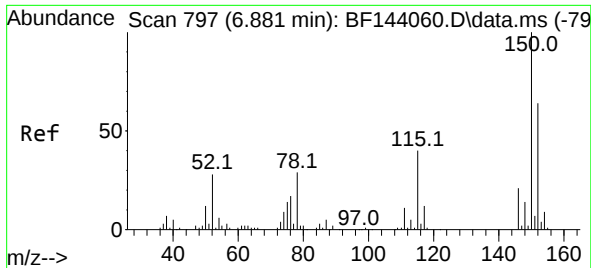
Instrument :
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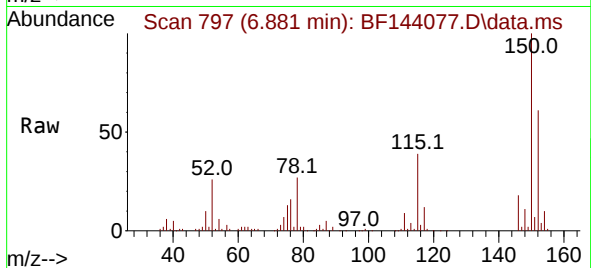
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

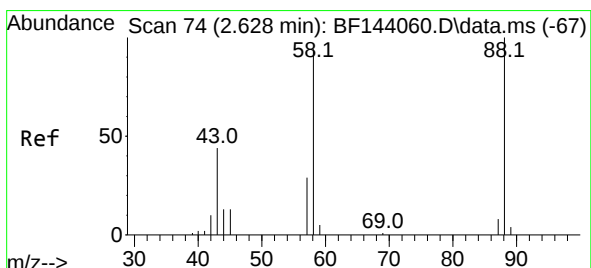
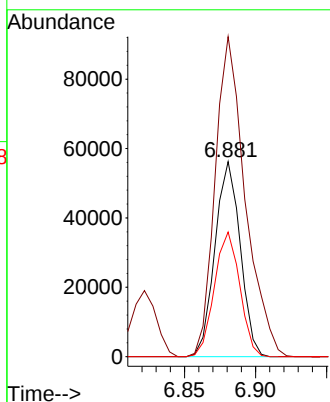
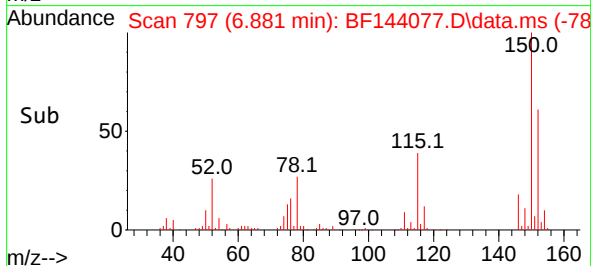


Tgt Ion:152 Resp: 6963
 Ion Ratio Lower Upper
 152 100
 150 164.0 124.4 186.6
 115 63.9 49.4 74.0

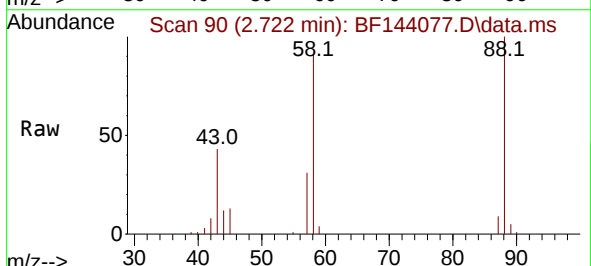
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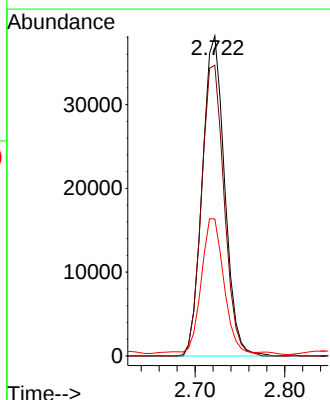
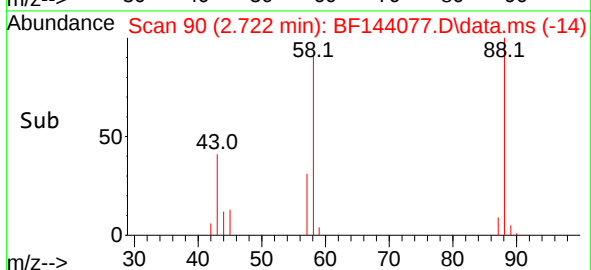
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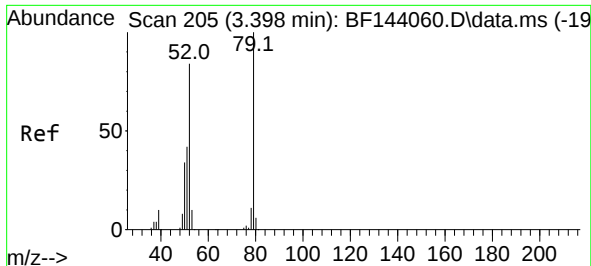


#2
 1,4-Dioxane
 Concen: 34.724 ng
 RT: 2.722 min Scan# 90
 Delta R.T. 0.094 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56



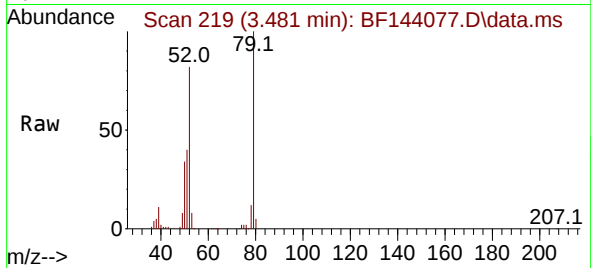
Tgt Ion: 88 Resp: 66042
 Ion Ratio Lower Upper
 88 100
 58 92.2 76.5 114.7
 43 42.8 35.3 52.9





#3
Pyridine
Concen: 34.527 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

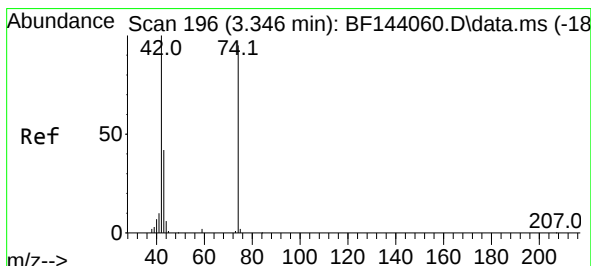
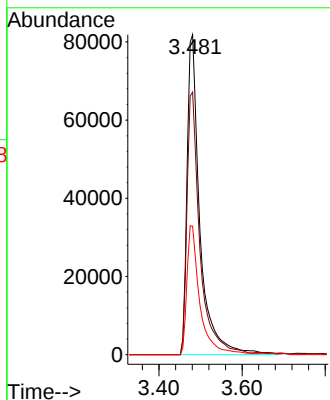
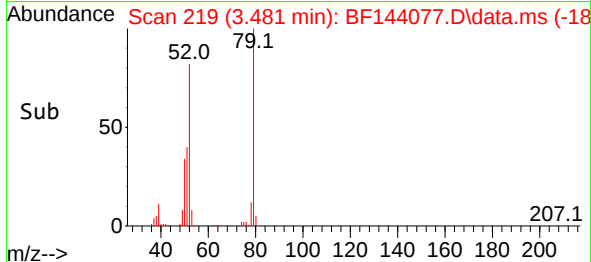
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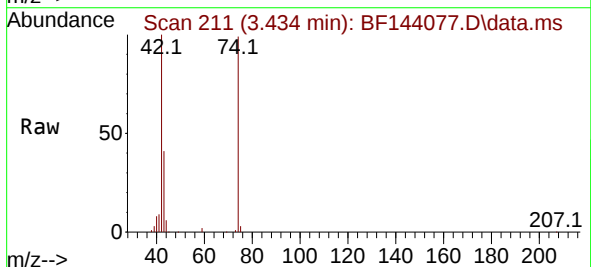
Tgt Ion: 79 Resp: 175799
Ion Ratio Lower Upper
79 100
52 82.0 67.5 101.3
51 40.2 33.6 50.4

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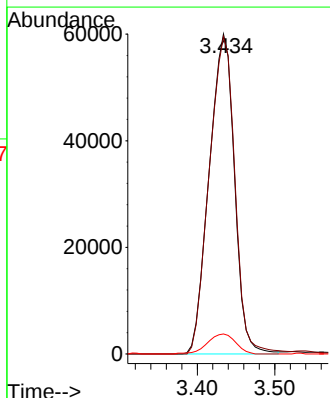
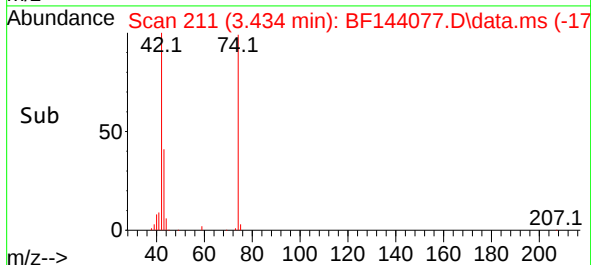
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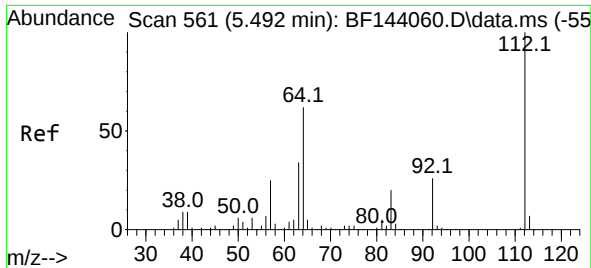


#4
n-Nitrosodimethylamine
Concen: 43.502 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion: 42 Resp: 136103
Ion Ratio Lower Upper
42 100
74 99.2 76.4 114.6
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 88.289 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

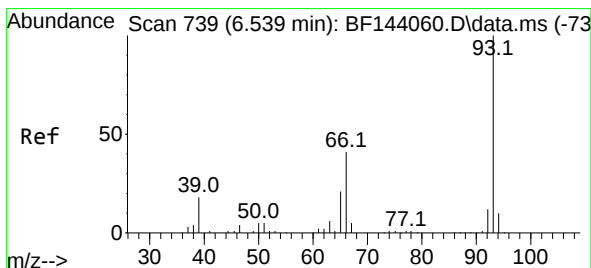
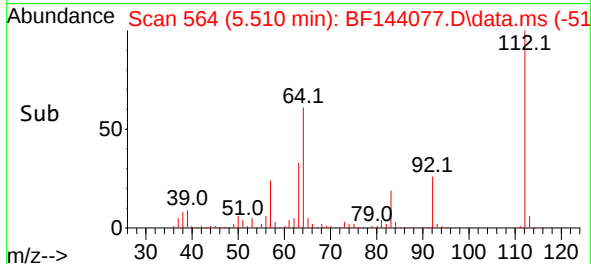
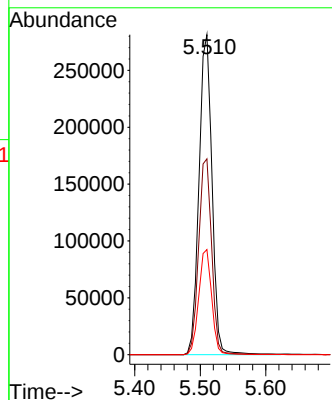
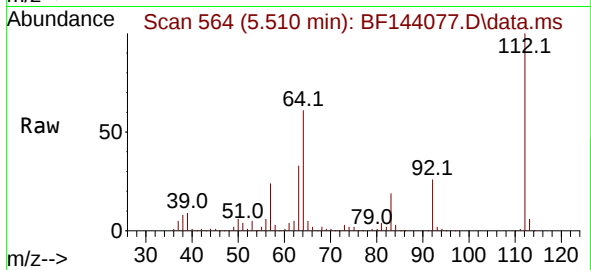
PB170210BS

Tgt Ion:112 Resp: 388580
Ion Ratio Lower Upper
112 100
64 61.2 49.8 74.8
63 32.8 27.4 41.2

Manual Integrations

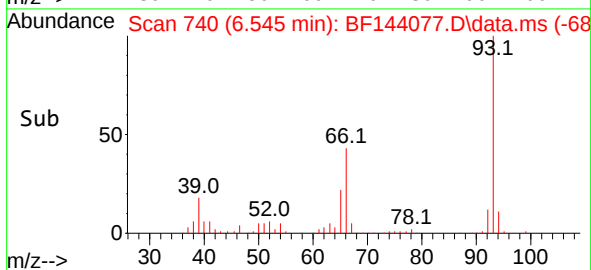
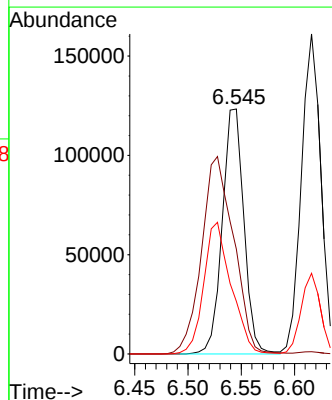
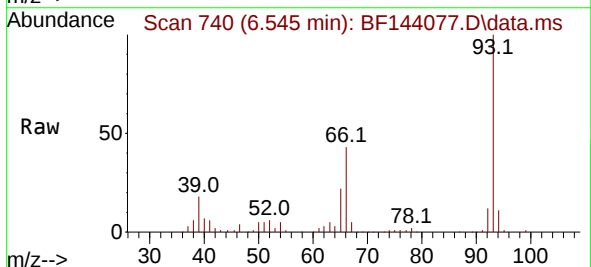
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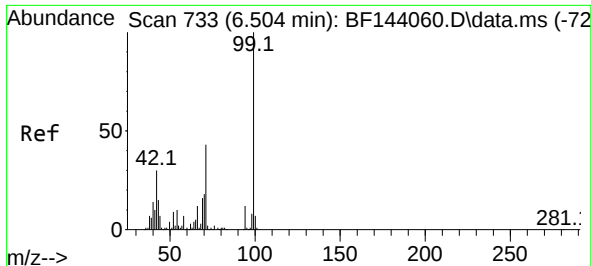
Reviewed By :Rahul Chavli 10/28/2025
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#6
Aniline
Concen: 25.051 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

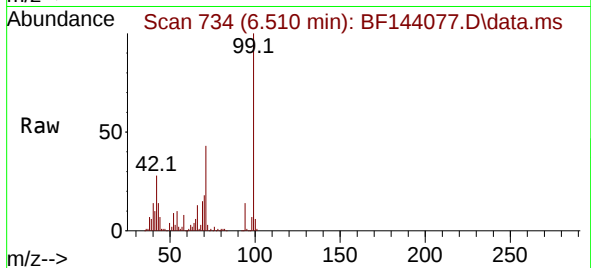
Tgt Ion: 93 Resp: 174207
Ion Ratio Lower Upper
93 100
66 42.8 35.7 53.5
65 21.5 17.0 25.6





#7
Phenol-d6
Concen: 92.601 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

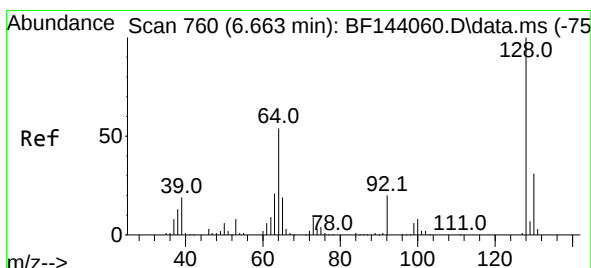
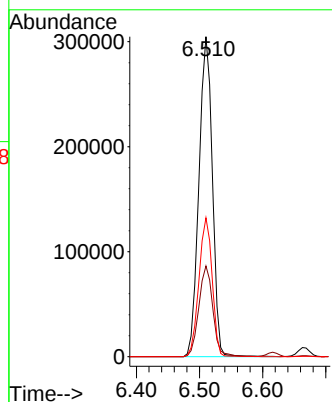
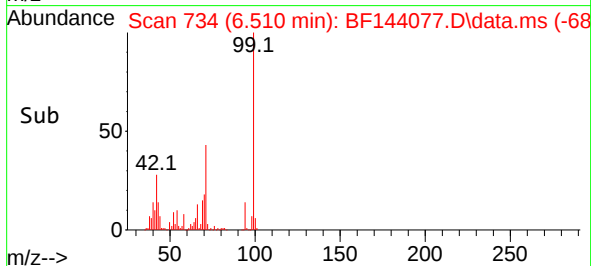
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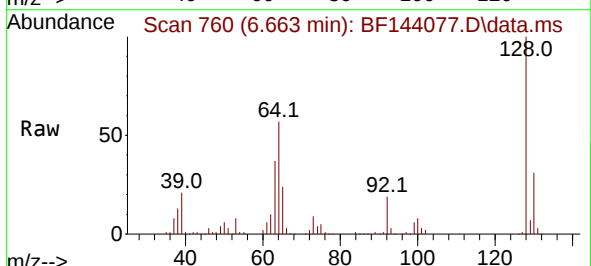
Tgt Ion: 99 Resp: 45011
Ion Ratio Lower Upper
99 100
42 28.3 23.9 35.9
71 43.4 34.4 51.6

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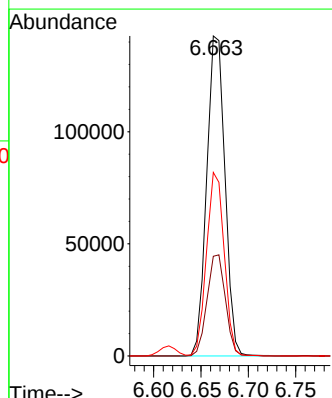
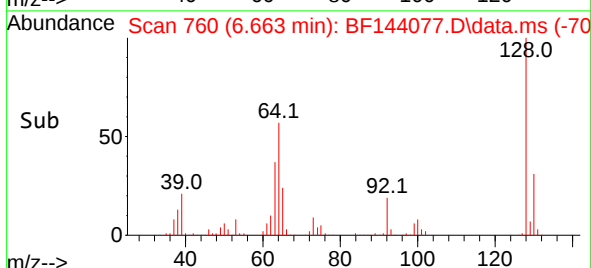
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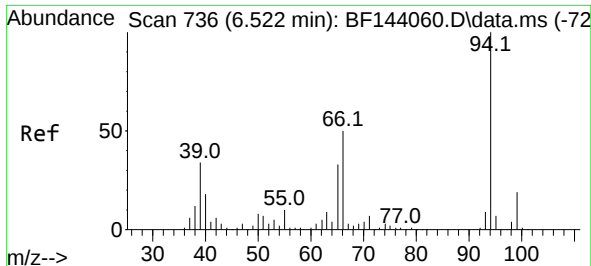


#8
2-Chlorophenol
Concen: 44.064 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



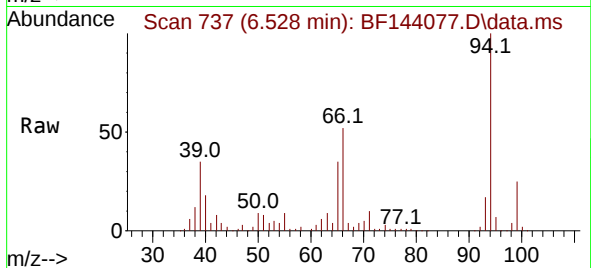
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Ion Ratio Lower Upper
128 100
130 31.1 10.7 50.7
64 57.3 34.7 74.7





#10
Phenol
Concen: 43.179 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF144077.D
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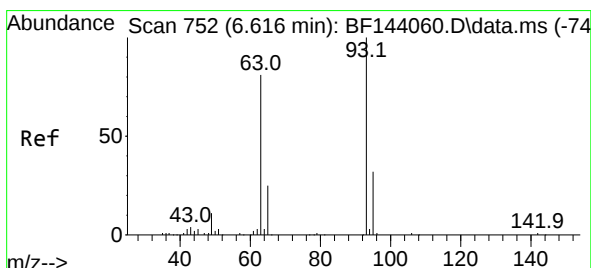
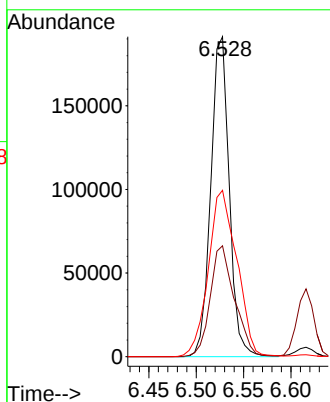
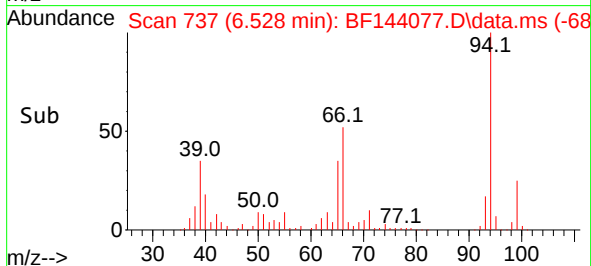
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Tgt Ion: 94 Resp: 25893
Ion Ratio Lower Upper
94 100
65 34.7 13.1 53.1
66 52.0 30.6 70.6

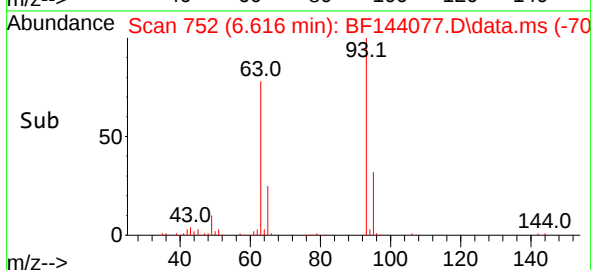
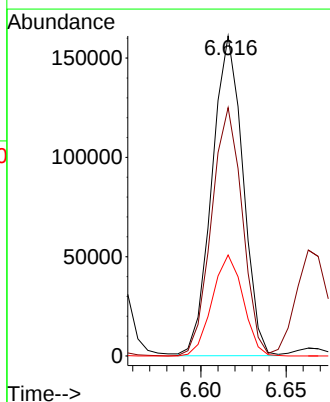
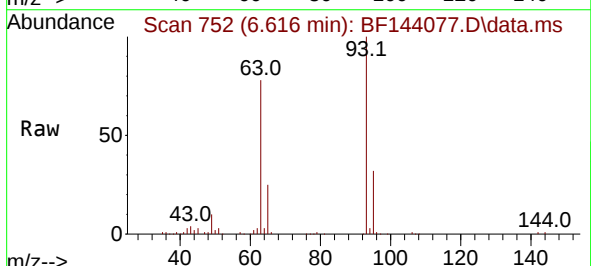
Manual Integrations
APPROVED

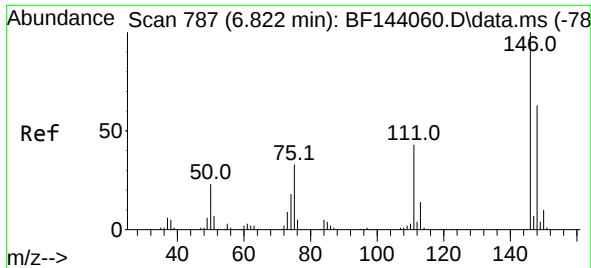
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#11
bis(2-Chloroethyl)ether
Concen: 46.925 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 93 Resp: 203334
Ion Ratio Lower Upper
93 100
63 77.6 60.2 100.2
95 31.5 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 43.984 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:146 Resp: 235168

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

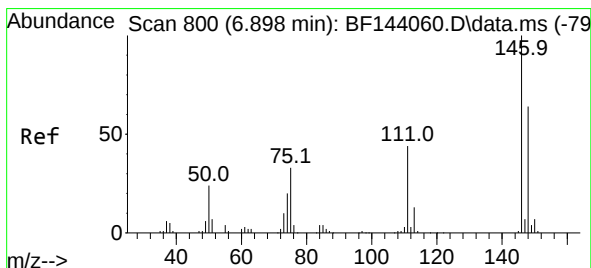
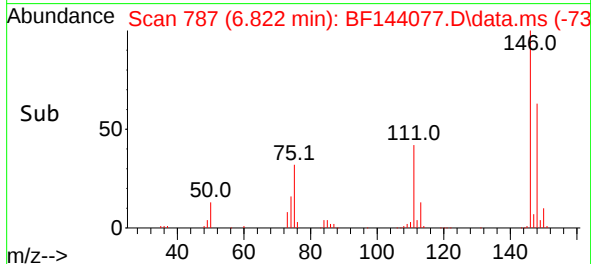
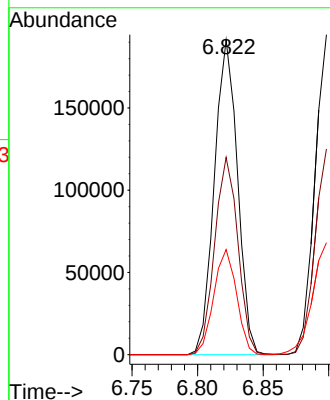
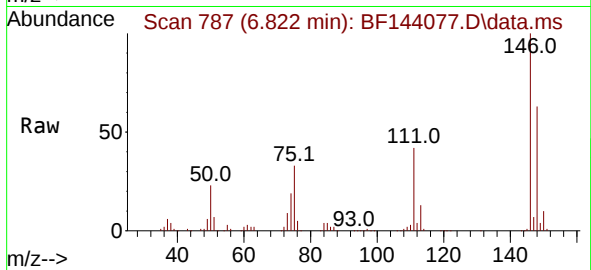
75 33.4 26.6 40.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#13

1,4-Dichlorobenzene

Concen: 45.299 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

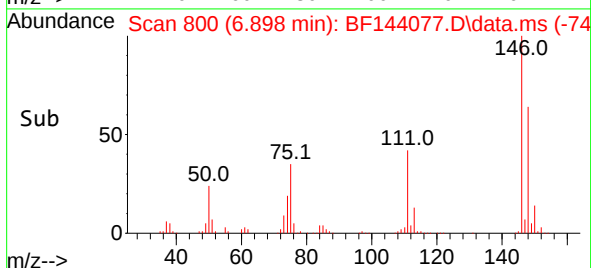
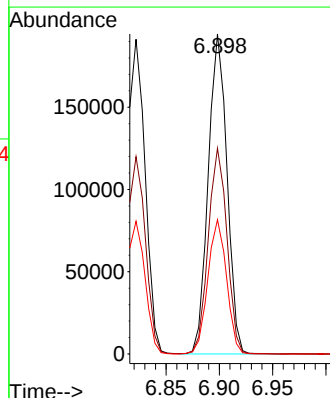
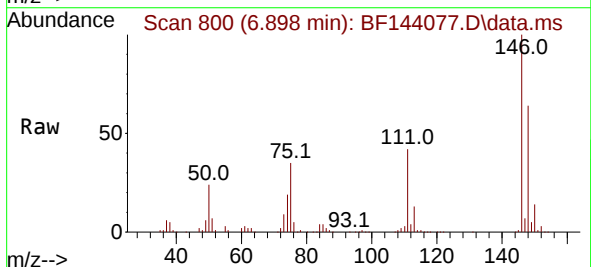
Tgt Ion:146 Resp: 238693

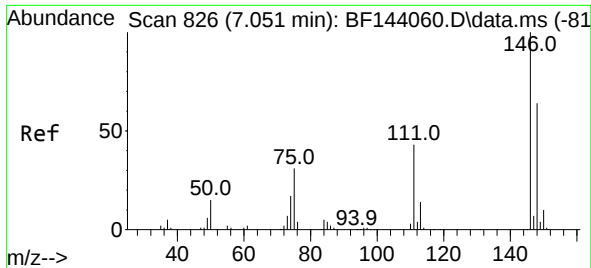
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

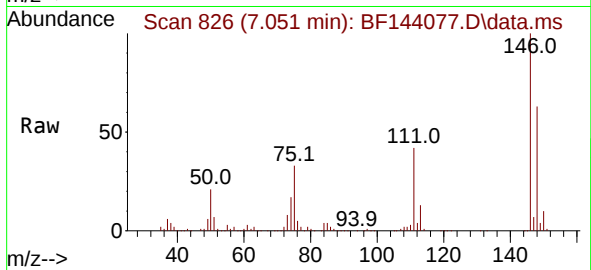
111 41.9 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 45.713 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

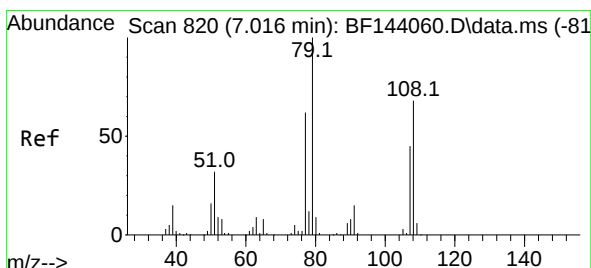
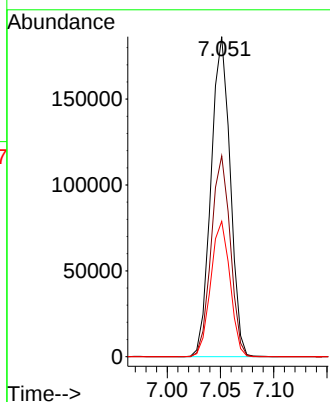
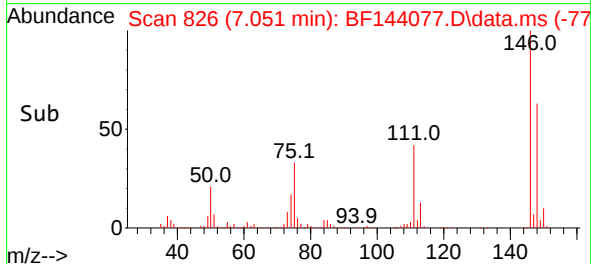
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:146 Resp: 23306
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 42.3 34.7 52.1

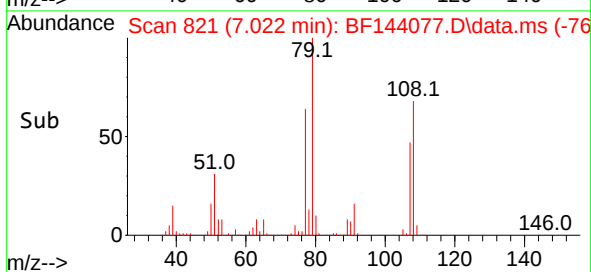
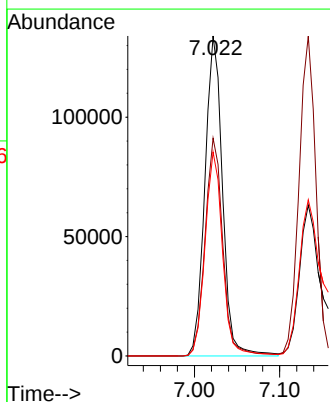
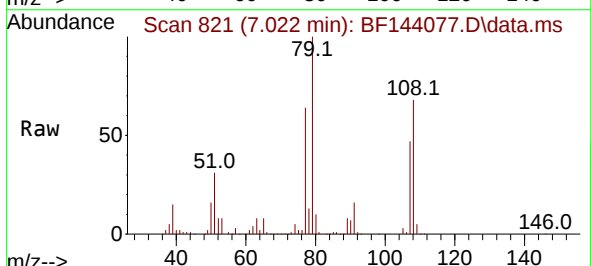
Manual Integrations
APPROVED

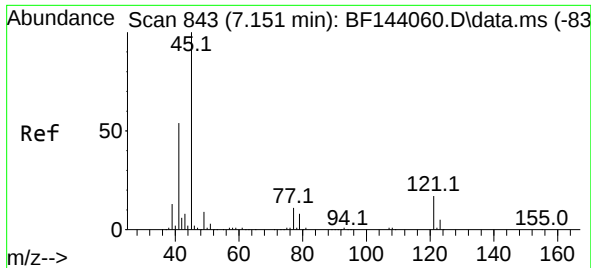
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#15
Benzyl Alcohol
Concen: 48.669 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 79 Resp: 192356
Ion Ratio Lower Upper
79 100
108 68.1 54.8 82.2
77 63.7 49.4 74.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.426 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

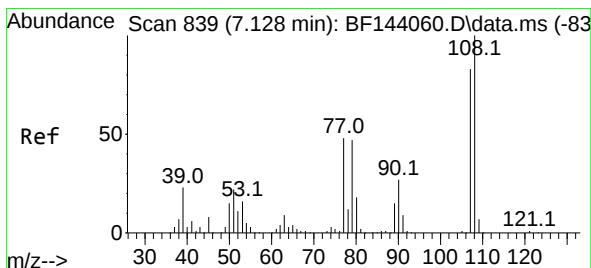
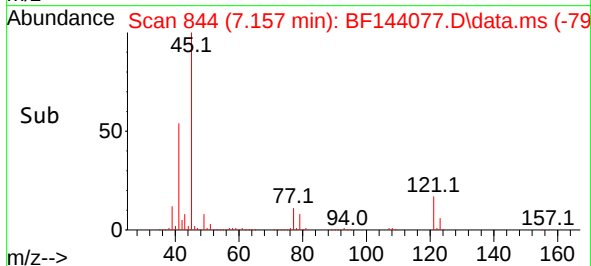
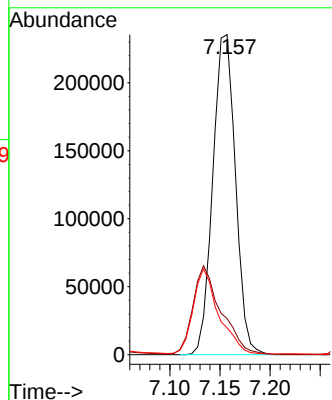
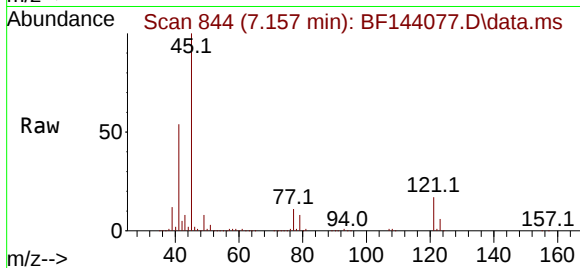
ClientSampleId :

PB170210BS

Tgt Ion: 45 Resp: 36995
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.9
79 8.4 0.0 28.2

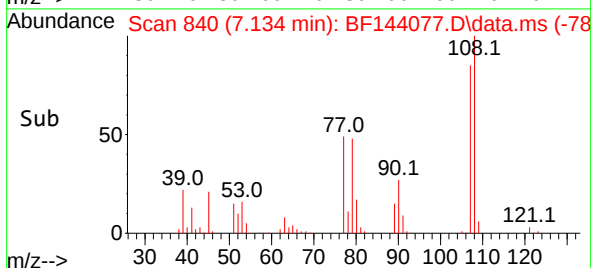
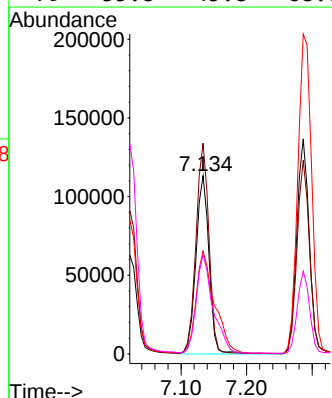
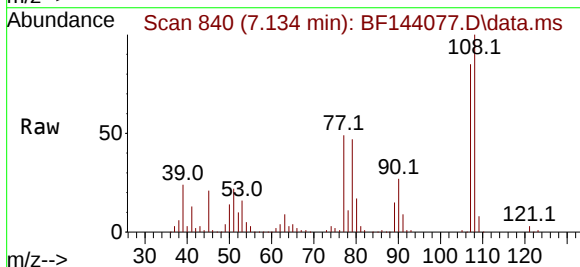
Manual Integrations
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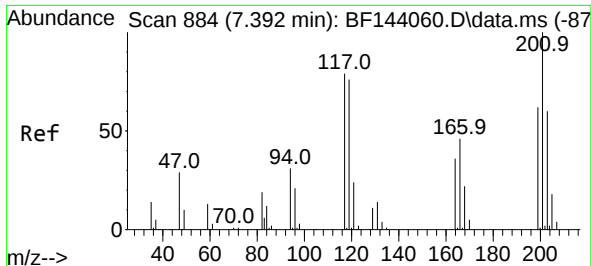
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#17
2-Methylphenol
Concen: 47.355 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:107 Resp: 157865
Ion Ratio Lower Upper
107 100
108 118.3 96.4 144.6
77 57.7 46.8 70.2
79 55.8 45.8 68.6





#18
Hexachloroethane
Concen: 43.303 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

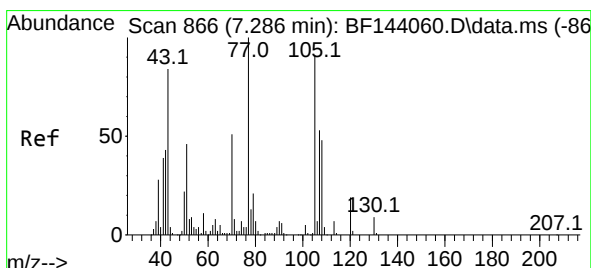
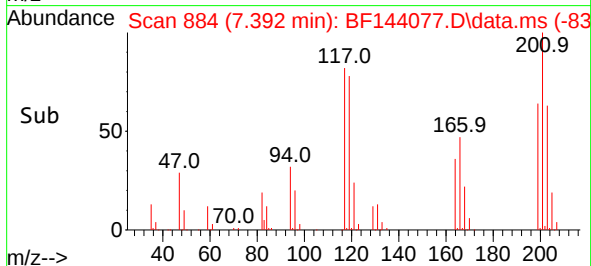
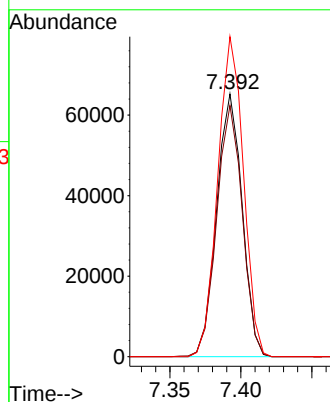
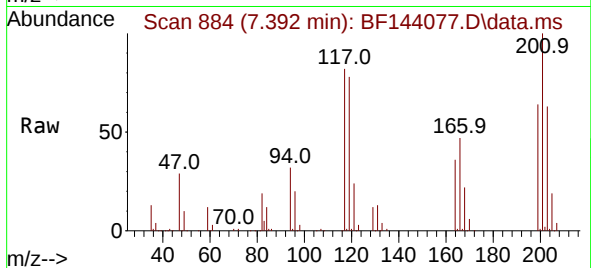
PB170210BS

Tgt Ion:117 Resp: 81570
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
201 121.8 100.9 151.3

Manual Integrations

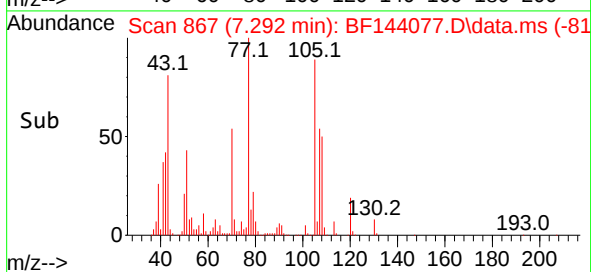
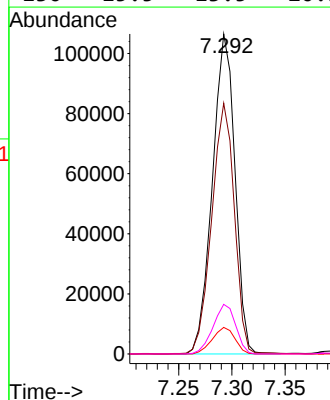
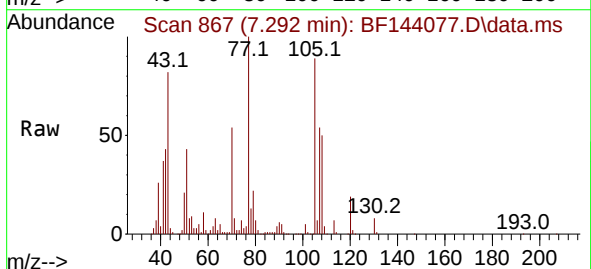
APPROVED

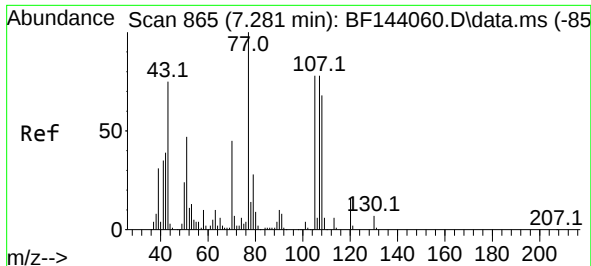
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#19
n-Nitroso-di-n-propylamine
Concen: 49.889 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 70 Resp: 156813
Ion Ratio Lower Upper
70 100
42 78.3 67.4 101.0
101 8.3 7.1 10.7
130 15.5 13.5 20.3





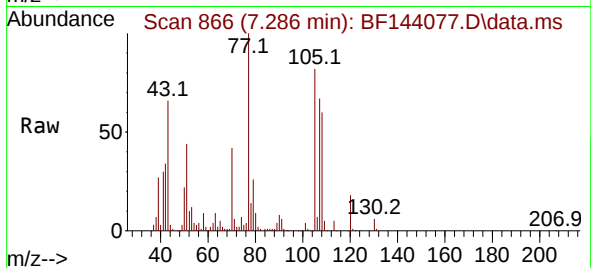
#20
3+4-Methylphenols
Concen: 46.654 ng
RT: 7.286 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

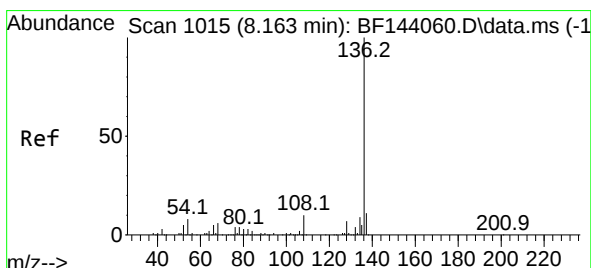
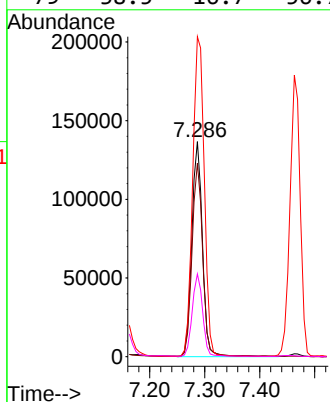
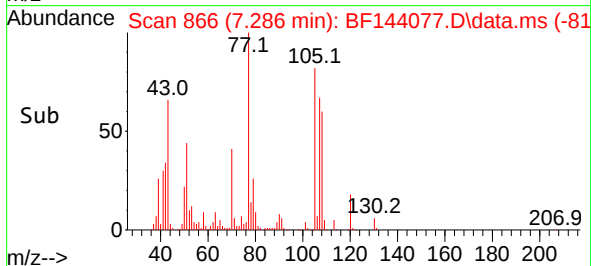


Tgt Ion:107 Resp: 18385
Ion Ratio Lower Upper
107 100
108 90.1 68.0 108.0
77 148.9 108.7 148.7
79 38.5 16.7 56.7

Manual Integrations

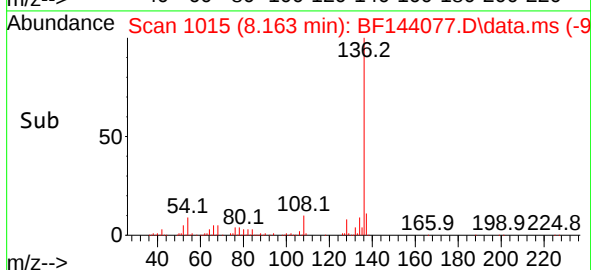
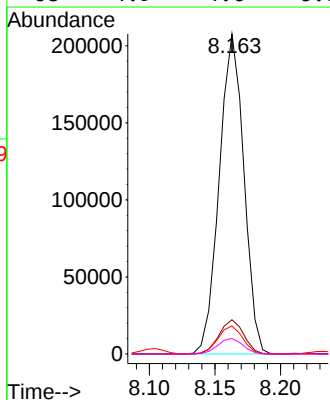
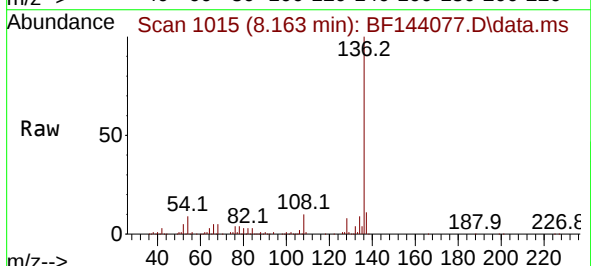
APPROVED

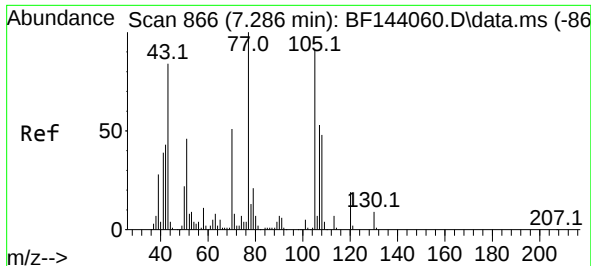
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:136 Resp: 270699
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 6.6 9.8
68 4.9 4.6 6.8





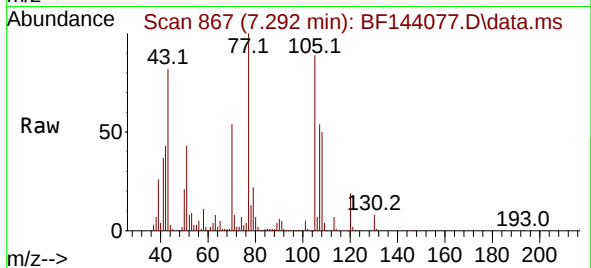
#22
Acetophenone
Concen: 44.337 ng
RT: 7.292 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

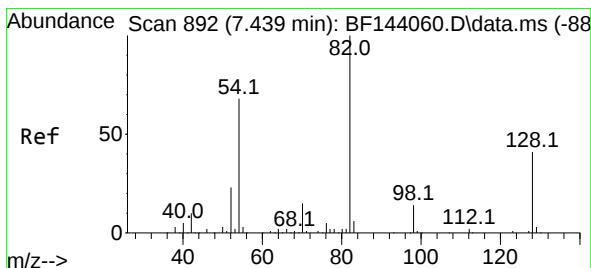
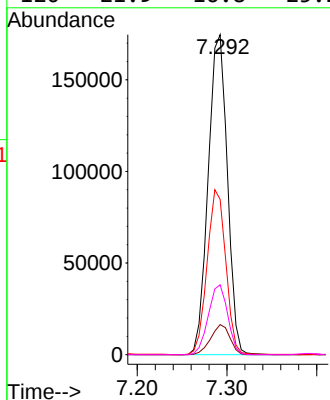
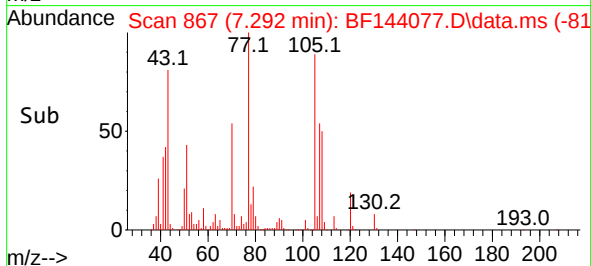
PB170210BS



Tgt Ion:105 Resp: 259375
Ion Ratio Lower Upper
105 100
71 9.4 6.9 10.3
51 48.5 40.6 60.8
120 21.9 16.8 25.2

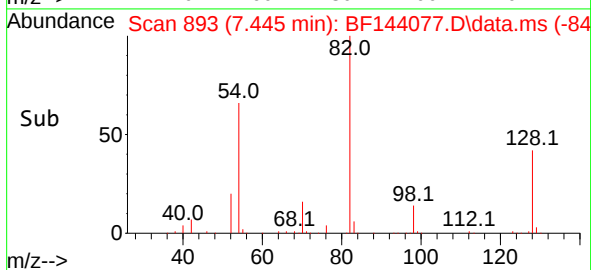
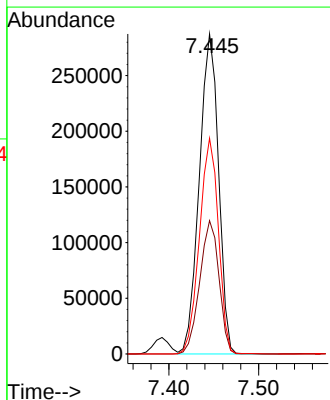
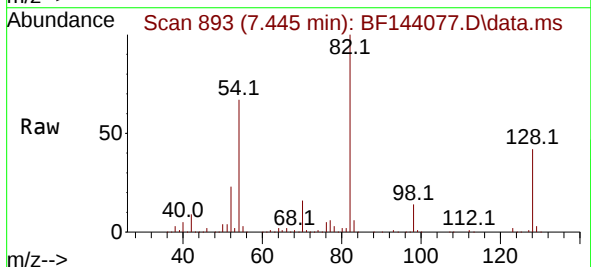
Manual Integrations
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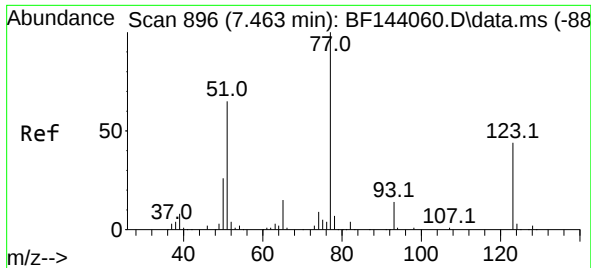
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#23
Nitrobenzene-d5
Concen: 86.598 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 82 Resp: 427875
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 67.4 54.0 81.0





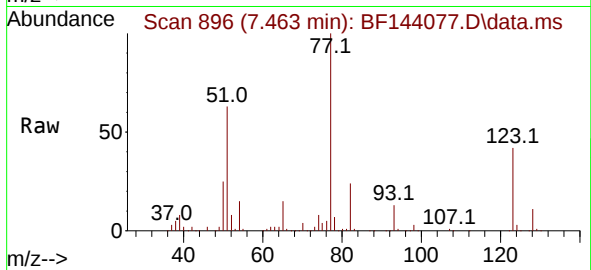
#24
Nitrobenzene
Concen: 44.077 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

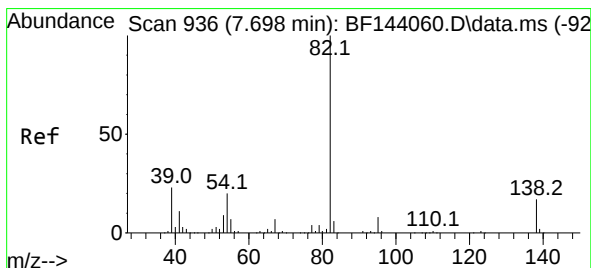
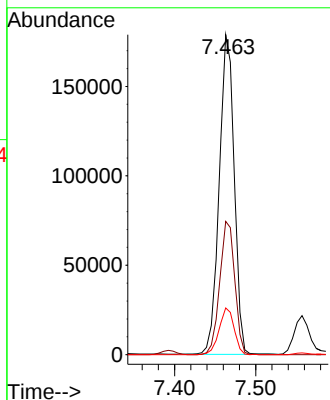
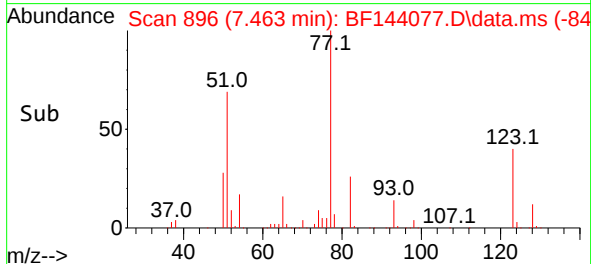


Tgt Ion: 77 Resp: 230378
Ion Ratio Lower Upper
77 100
123 41.6 35.0 52.6
65 14.6 12.2 18.2

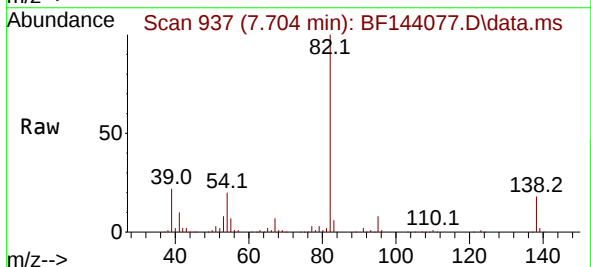
Manual Integrations

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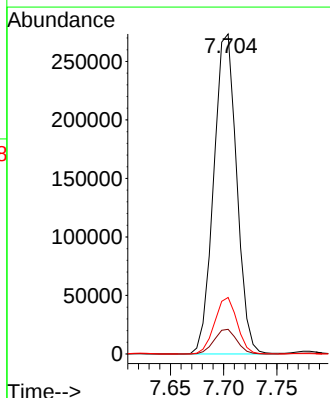
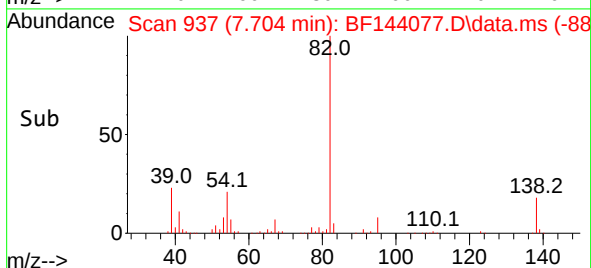
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

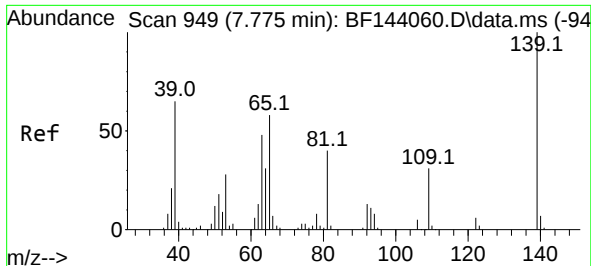


#25
Isophorone
Concen: 47.430 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion: 82 Resp: 409716
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.6 13.8 20.8





#26
2-Nitrophenol
Concen: 43.901 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

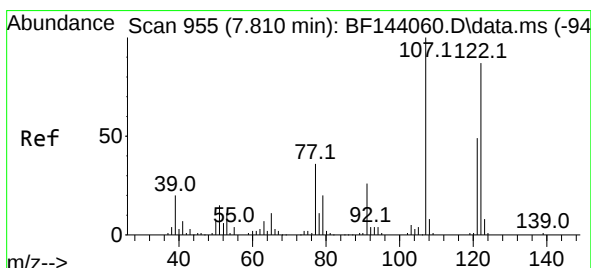
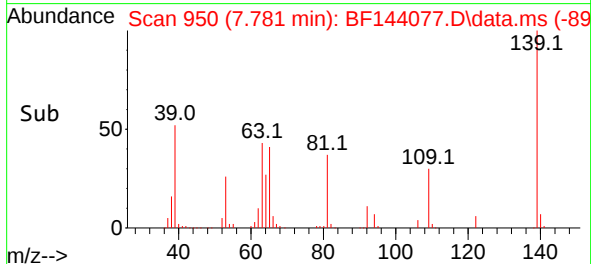
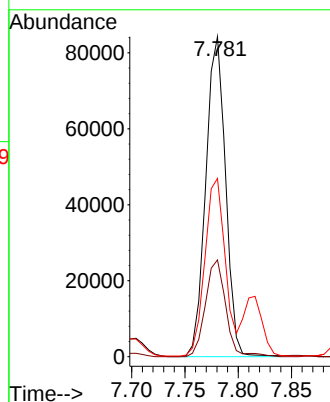
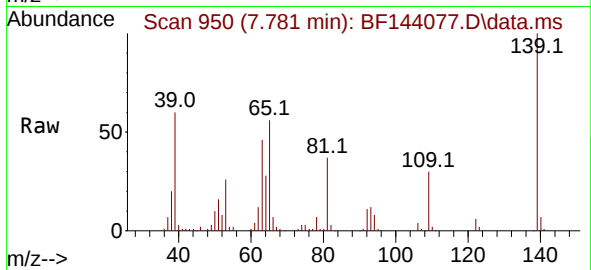
ClientSampleId :

PB170210BS

Tgt Ion:139 Resp: 10915
Ion Ratio Lower Upper
139 100
109 30.2 24.6 37.0
65 55.7 46.6 69.8

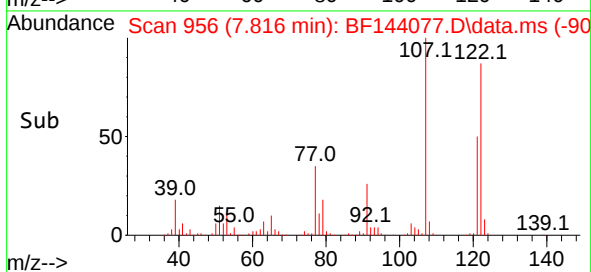
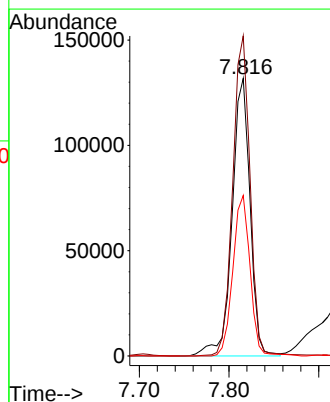
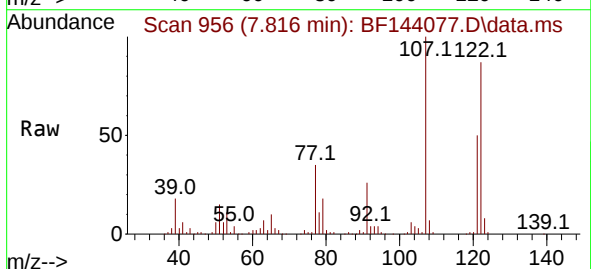
Manual Integrations
APPROVED

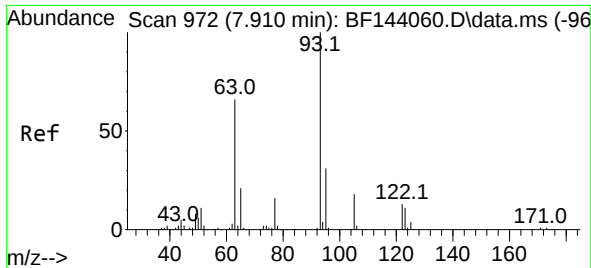
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#27
2,4-Dimethylphenol
Concen: 49.542 ng
RT: 7.816 min Scan# 956
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

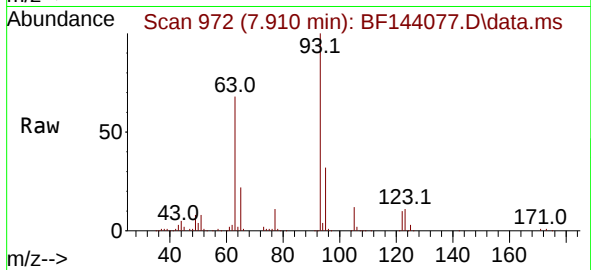
Tgt Ion:122 Resp: 183060
Ion Ratio Lower Upper
122 100
107 115.3 91.8 137.8
121 57.8 45.2 67.8





#28
bis(2-Chloroethoxy)methane
Concen: 45.493 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

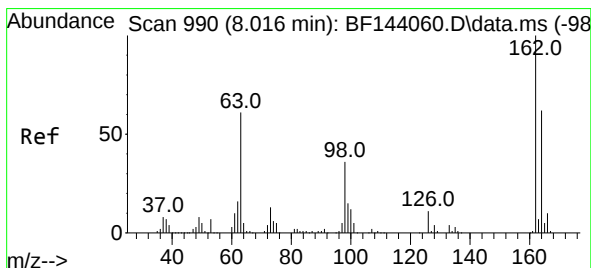
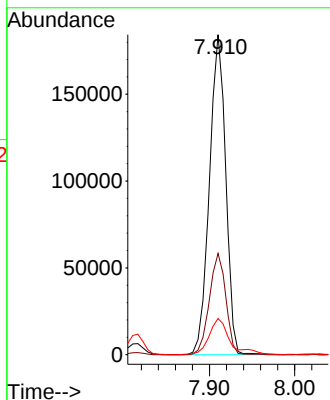
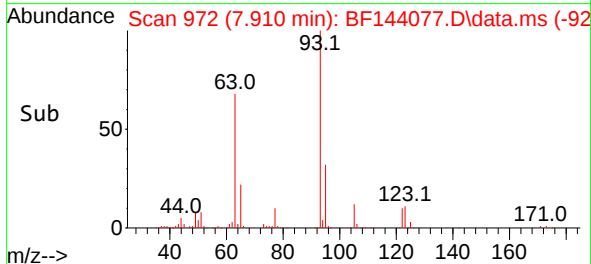
Instrument :
BNA_F
ClientSampleId :
PB170210BS



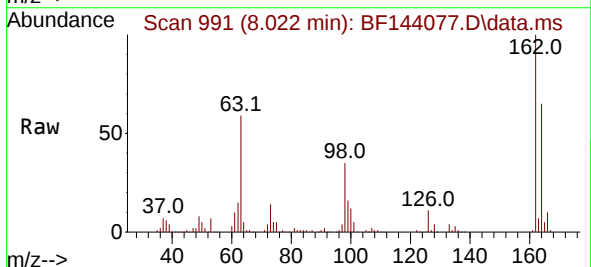
Tgt Ion: 93 Resp: 24507
Ion Ratio Lower Upper
93 100
95 31.7 24.6 36.8
123 11.3 9.1 13.7

Manual Integrations
APPROVED

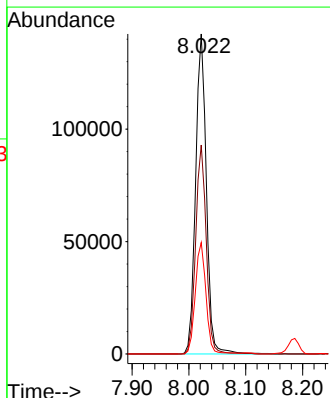
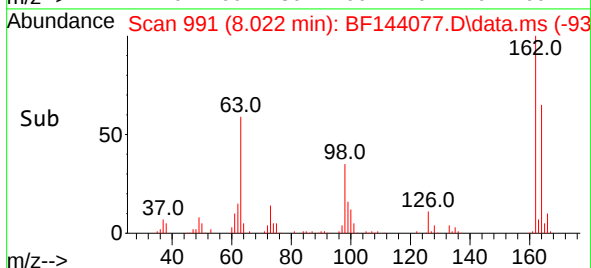
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

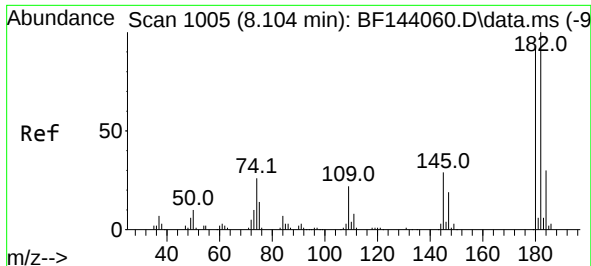


#29
2,4-Dichlorophenol
Concen: 43.789 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



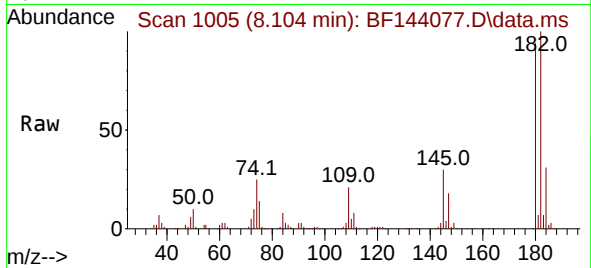
Tgt Ion:162 Resp: 188162
Ion Ratio Lower Upper
162 100
164 65.3 42.1 82.1
98 34.8 16.0 56.0





#30
1,2,4-Trichlorobenzene
Concen: 46.653 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

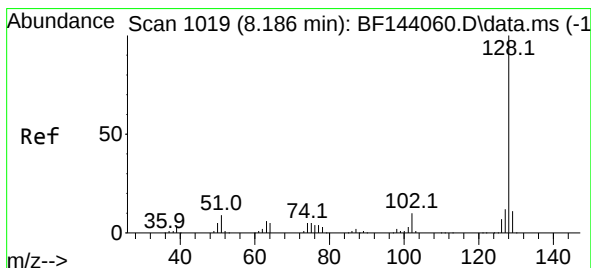
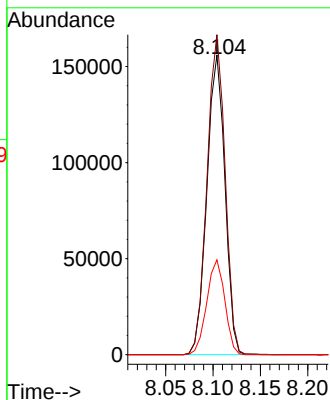
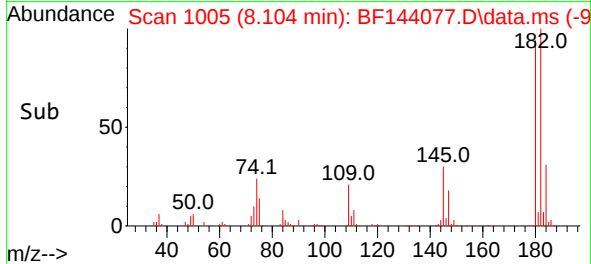
Instrument :
BNA_F
ClientSampleId :
PB170210BS



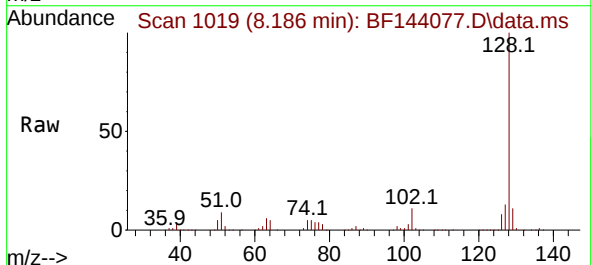
Tgt Ion:180 Resp: 206239
Ion Ratio Lower Upper
180 100
182 106.7 87.1 130.7
145 31.6 25.3 37.9

Manual Integrations
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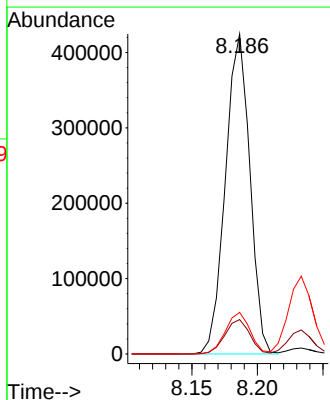
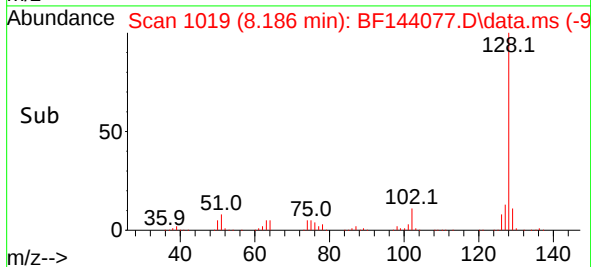
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

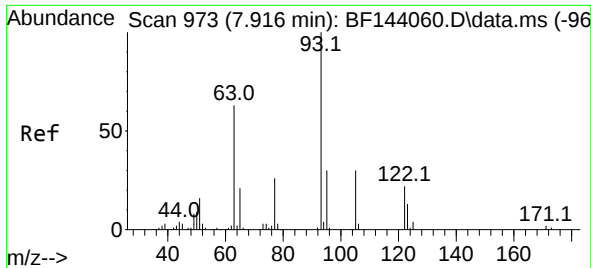


#31
Naphthalene
Concen: 43.068 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



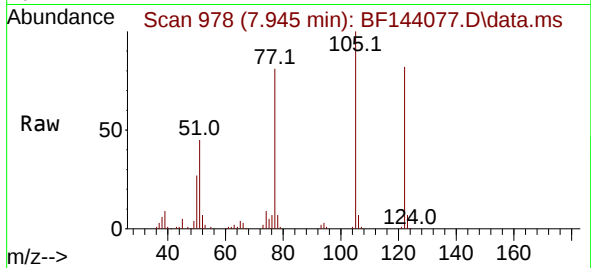
Tgt Ion:128 Resp: 550251
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.0 9.9 14.9





#32
Benzoic acid
Concen: 52.257 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

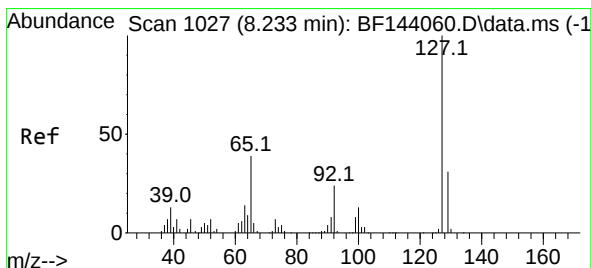
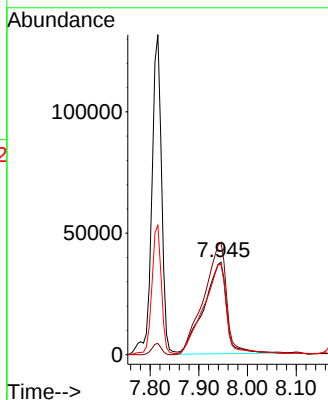
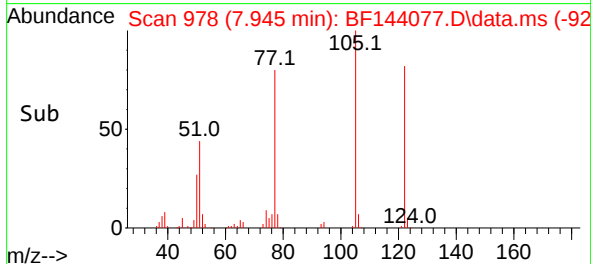
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:122 Resp: 122479
Ion Ratio Lower Upper
122 100
105 121.5 111.3 151.3
77 98.2 96.7 136.7

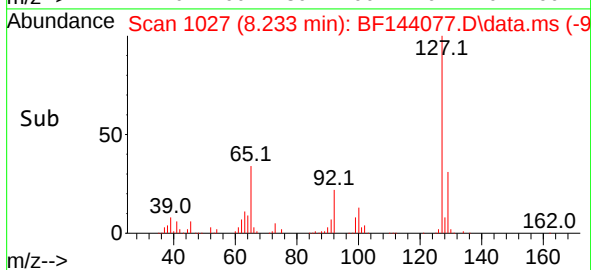
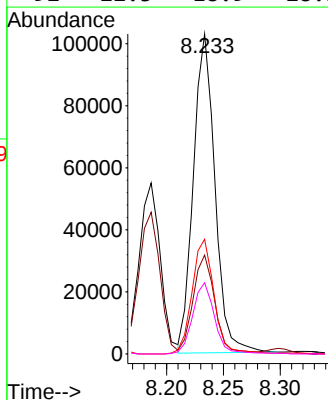
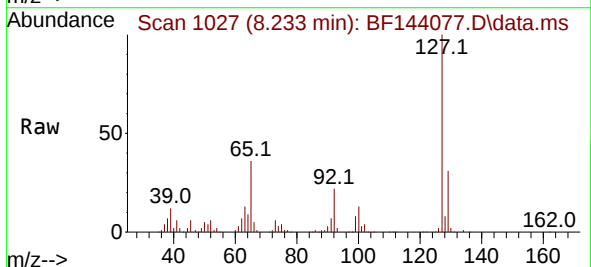
Manual Integrations
APPROVED

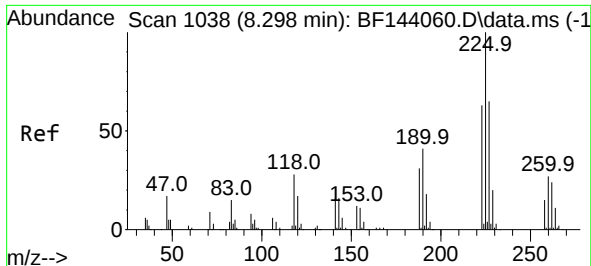
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#33
4-Chloroaniline
Concen: 30.550 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:127 Resp: 135875
Ion Ratio Lower Upper
127 100
129 30.9 25.6 38.4
65 35.8 30.9 46.3
92 22.3 18.9 28.3





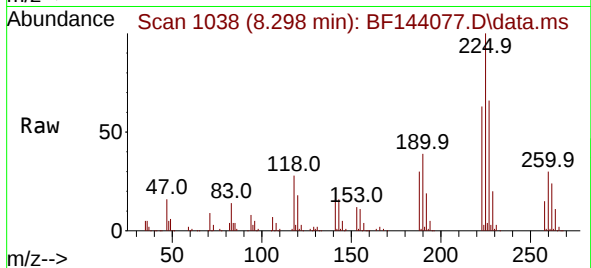
#34
Hexachlorobutadiene
Concen: 41.162 ng
RT: 8.298 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

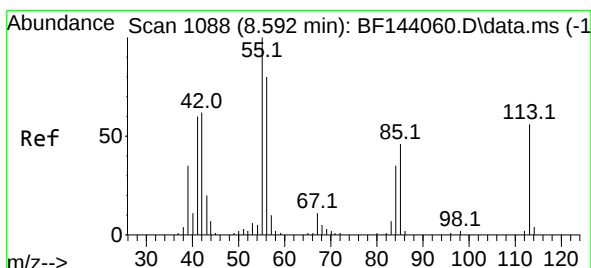
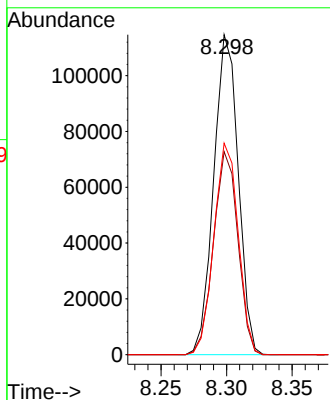
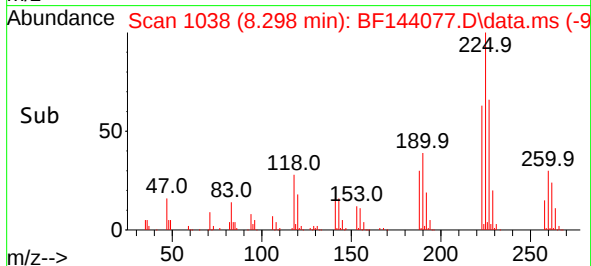


Tgt Ion:225 Resp: 148790
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 66.1 51.8 77.8

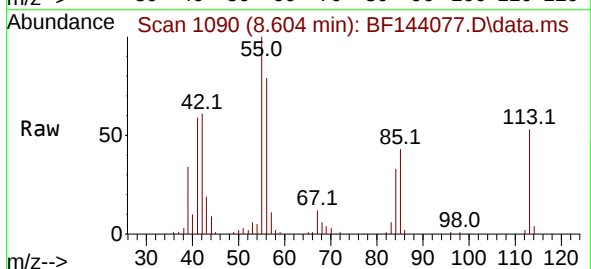
Manual Integrations

APPROVED

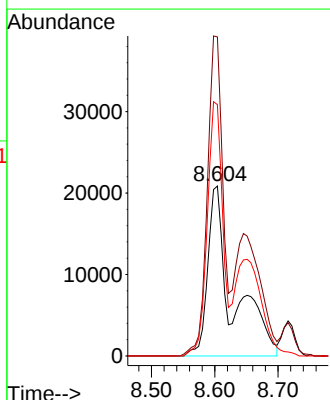
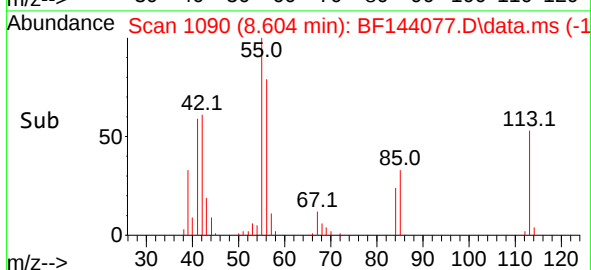
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

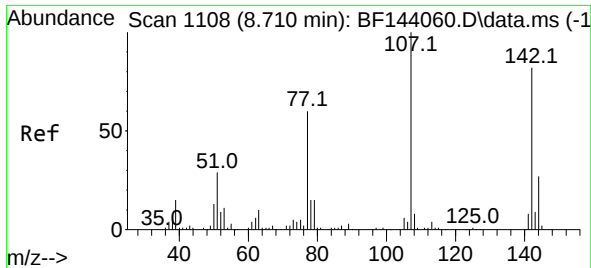


#35
Caprolactam
Concen: 52.789 ng m
RT: 8.604 min Scan# 1090
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



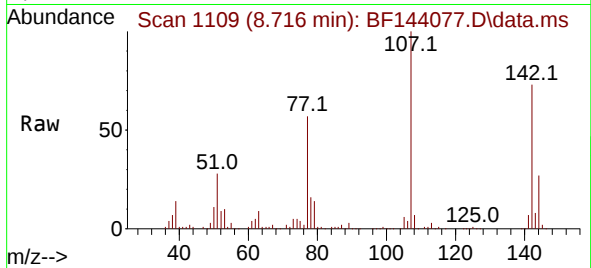
Tgt Ion:113 Resp: 56883
Ion Ratio Lower Upper
113 100
55 187.8 160.1 200.1
56 147.9 124.9 164.9





#36
4-Chloro-3-methylphenol
Concen: 47.531 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

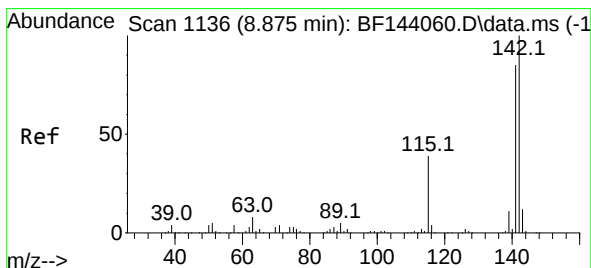
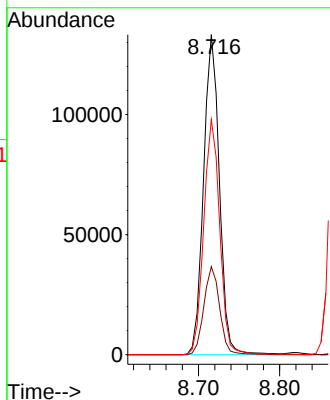
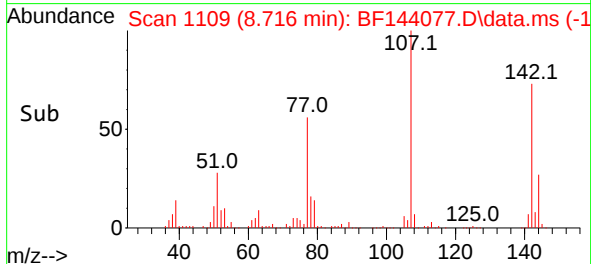
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:107 Resp: 180239
Ion Ratio Lower Upper
107 100
144 27.5 21.6 32.4
142 73.4 65.4 98.0

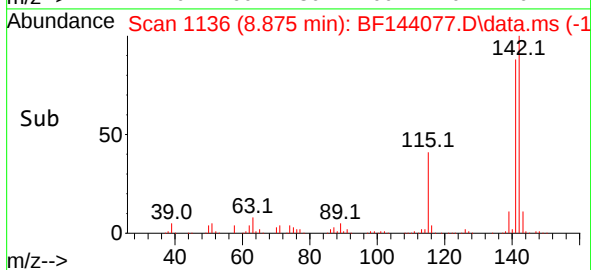
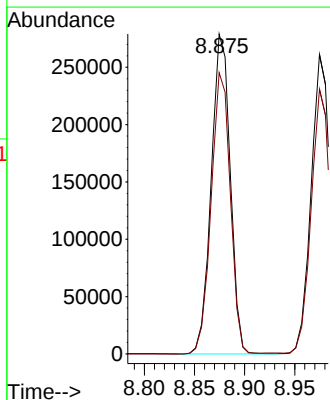
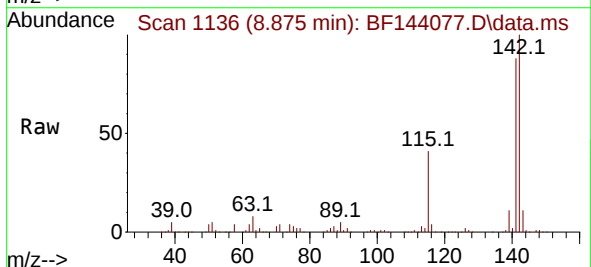
Manual Integrations
APPROVED

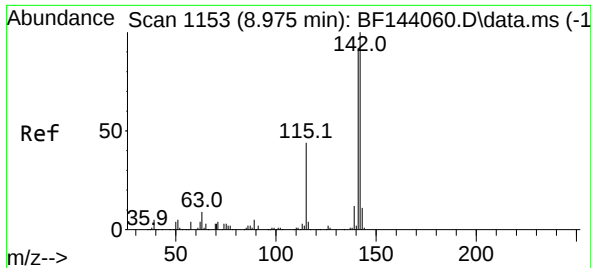
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#37
2-Methylnaphthalene
Concen: 43.679 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:142 Resp: 367930
Ion Ratio Lower Upper
142 100
141 87.9 67.6 101.4





#38
1-Methylnaphthalene
Concen: 42.841 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

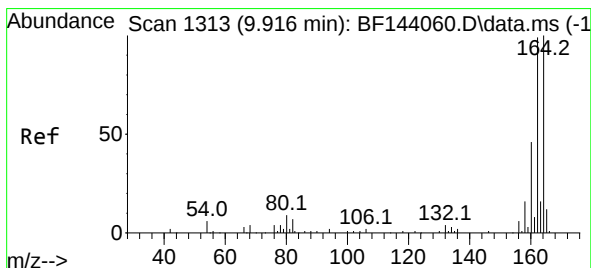
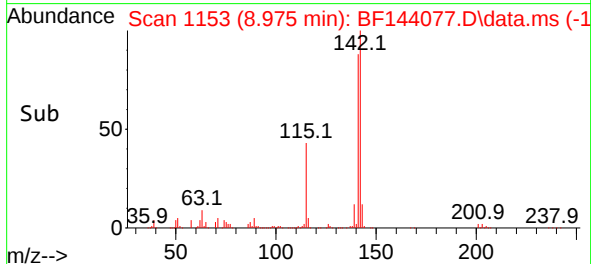
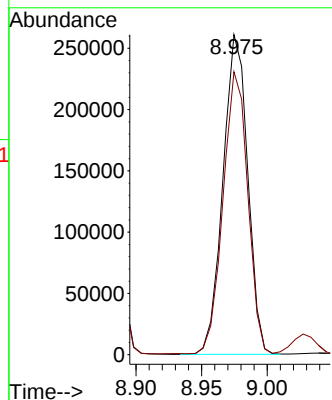
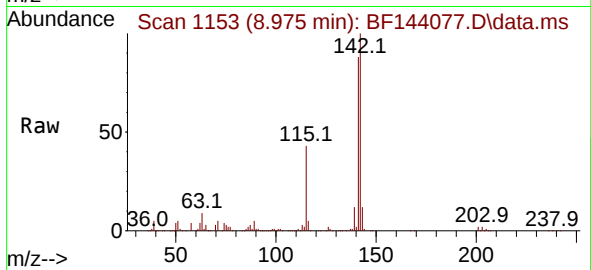
PB170210BS

Tgt Ion:142 Resp: 341894
Ion Ratio Lower Upper
142 100
141 88.4 73.4 110.2

Manual Integrations

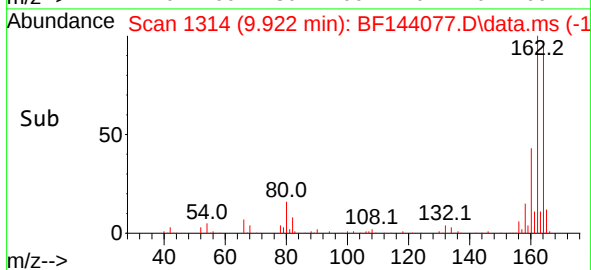
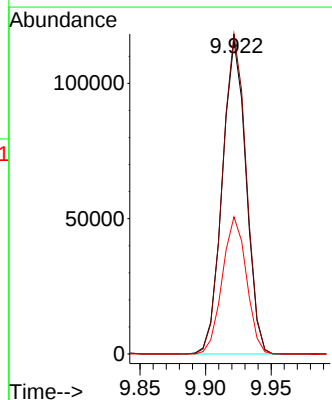
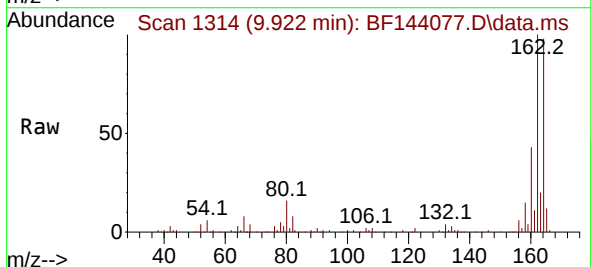
APPROVED

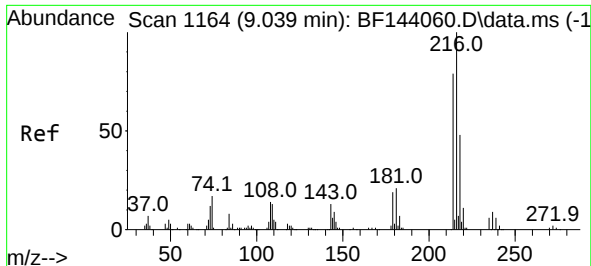
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

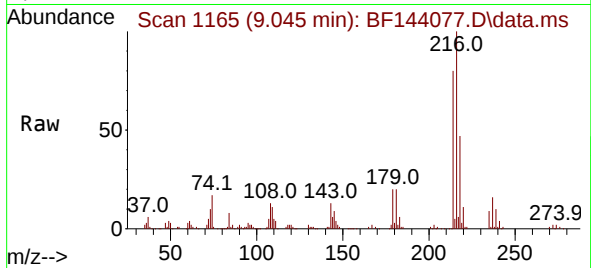
Tgt Ion:164 Resp: 145913
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 43.7 36.7 55.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.595 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

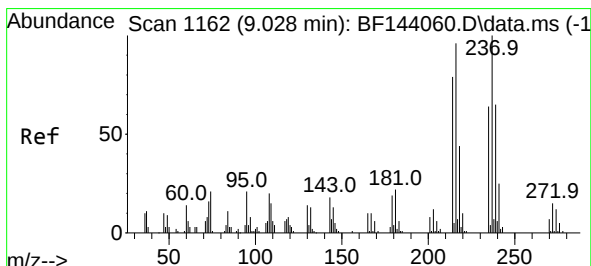
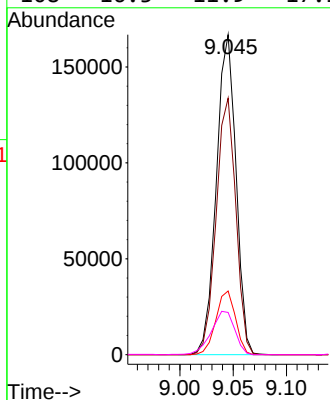
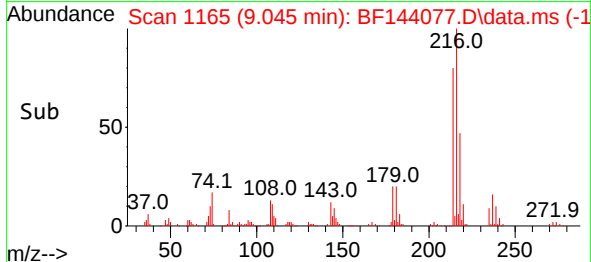
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:216 Resp: 213604
Ion Ratio Lower Upper
216 100
214 80.1 63.2 94.8
179 19.9 15.2 22.8
108 16.3 11.9 17.9

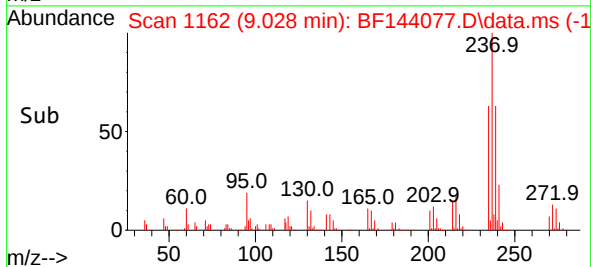
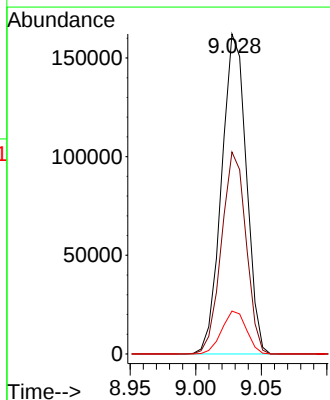
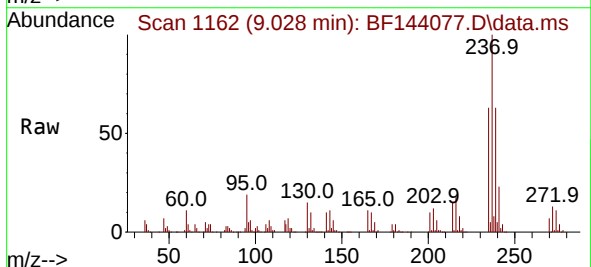
Manual Integrations
APPROVED

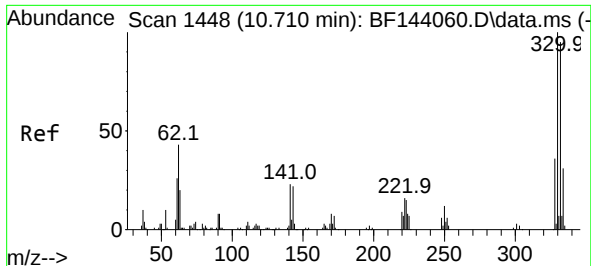
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#41
Hexachlorocyclopentadiene
Concen: 137.305 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:237 Resp: 212668
Ion Ratio Lower Upper
237 100
235 63.1 44.3 84.3
272 13.4 0.0 35.2





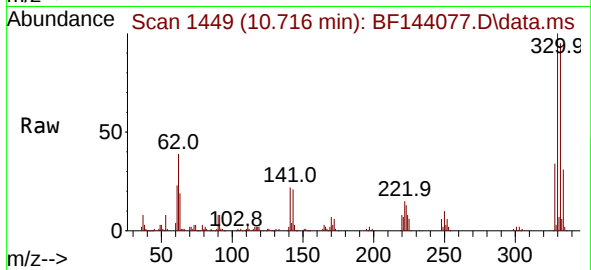
#42
2,4,6-Tribromophenol
Concen: 98.151 ng
RT: 10.716 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

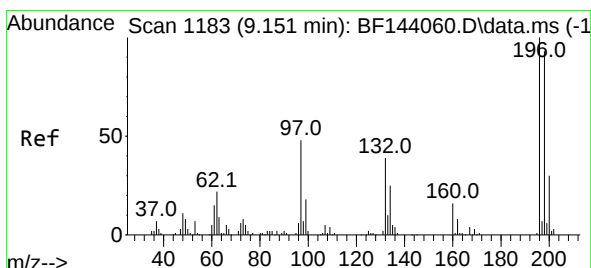
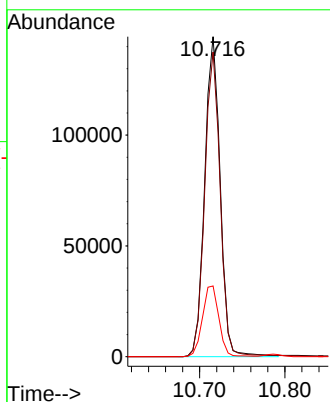
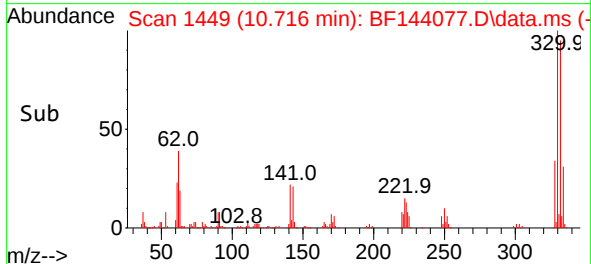


Tgt Ion:330 Resp: 182428
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 23.5 19.4 29.0

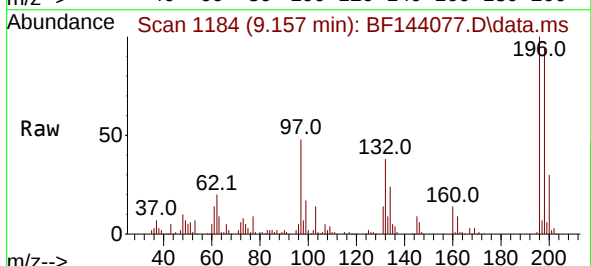
Manual Integrations

APPROVED

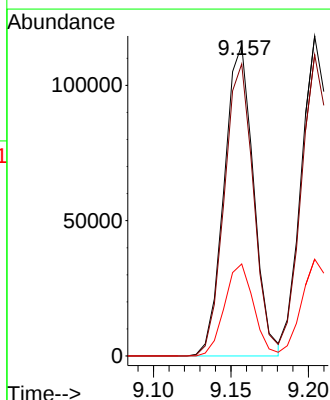
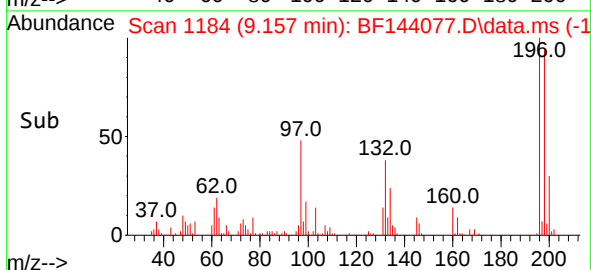
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

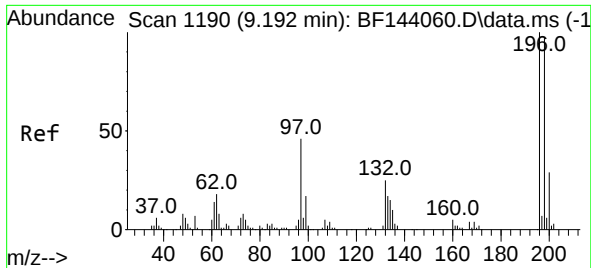


#43
2,4,6-Trichlorophenol
Concen: 46.504 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:196 Resp: 151582
Ion Ratio Lower Upper
196 100
198 93.9 74.4 111.6
200 29.6 23.8 35.8





#44
2,4,5-Trichlorophenol
Concen: 44.797 ng
RT: 9.204 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

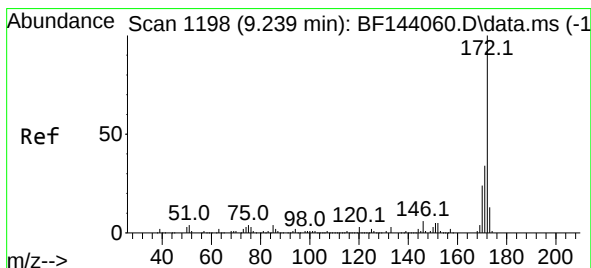
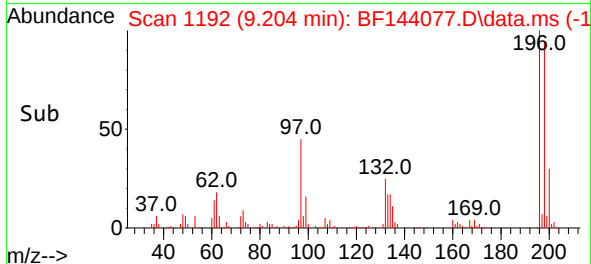
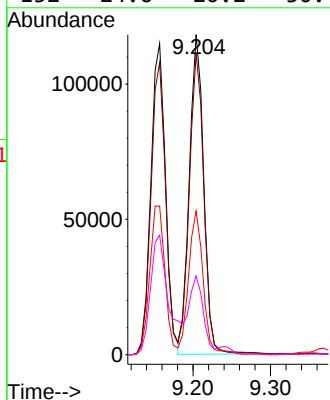
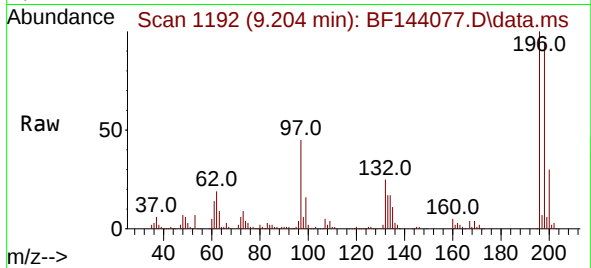
PB170210BS

Tgt Ion:196 Resp: 153240
Ion Ratio Lower Upper
196 100
198 94.2 78.0 117.0
97 44.9 37.7 56.5
132 24.6 20.2 30.4

Manual Integrations

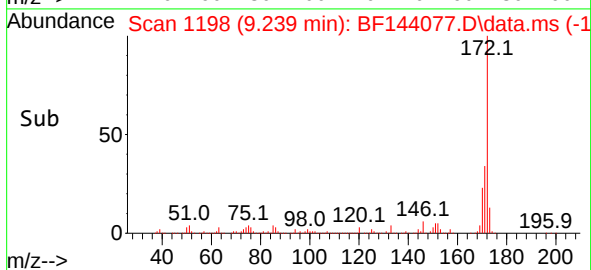
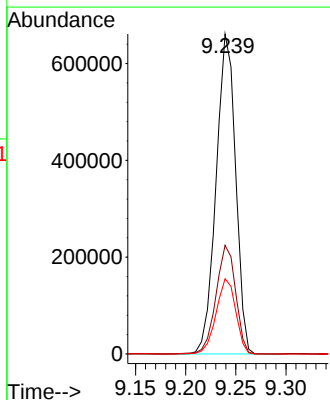
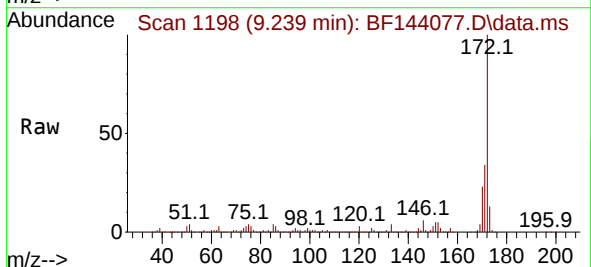
APPROVED

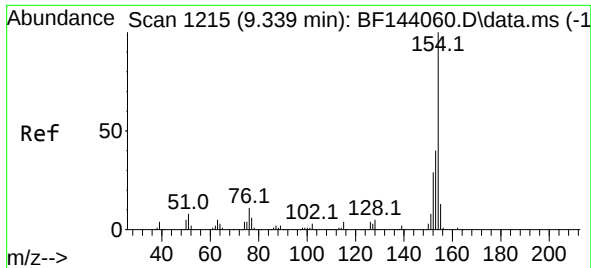
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#45
2-Fluorobiphenyl
Concen: 86.116 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

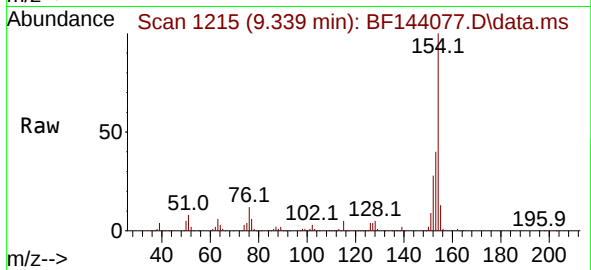
Tgt Ion:172 Resp: 892931
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.5 19.0 28.6





#46
1,1'-Biphenyl
Concen: 43.972 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

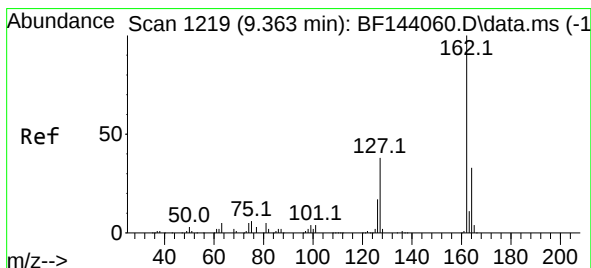
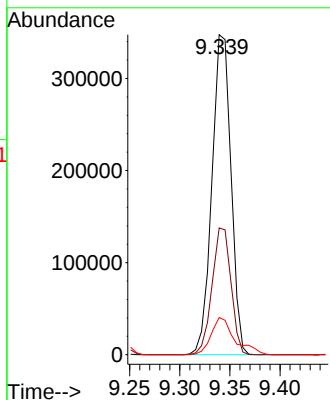
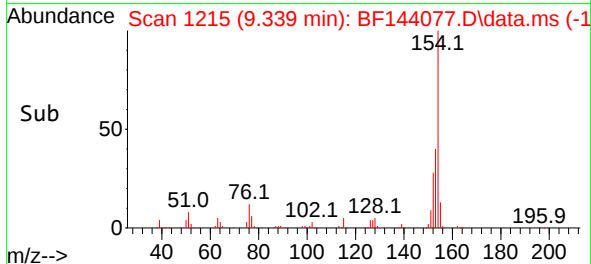
Instrument :
BNA_F
ClientSampleId :
PB170210BS



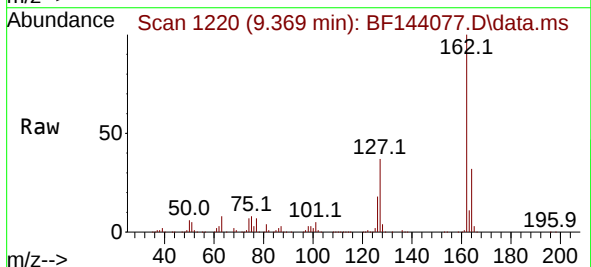
Tgt Ion:154 Resp: 459294
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 11.6 0.0 31.1

Manual Integrations
APPROVED

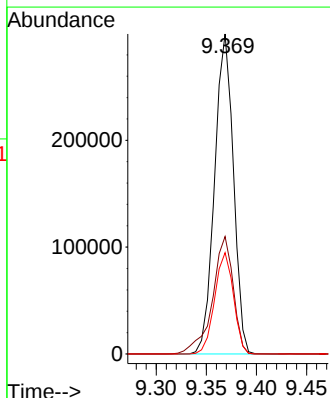
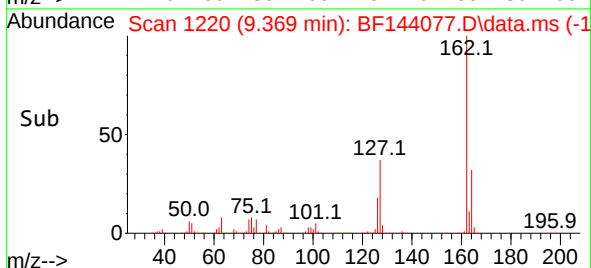
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

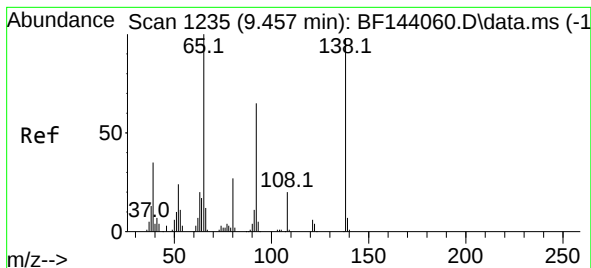


#47
2-Chloronaphthalene
Concen: 44.588 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:162 Resp: 390176
Ion Ratio Lower Upper
162 100
127 36.7 31.6 47.4
164 31.7 26.5 39.7





#48

2-Nitroaniline

Concen: 48.208 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion: 65 Resp: 125269

Ion Ratio Lower Upper

65 100

92 63.0 52.3 78.5

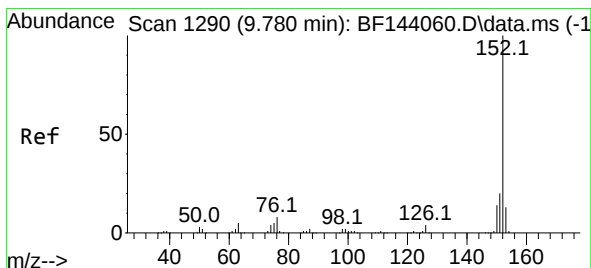
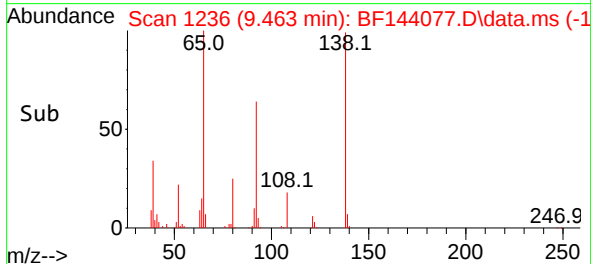
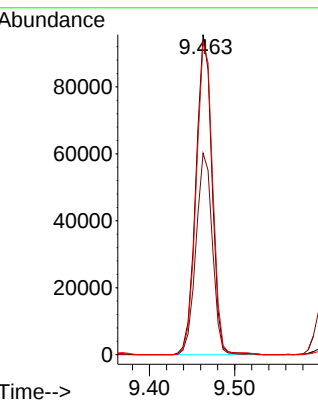
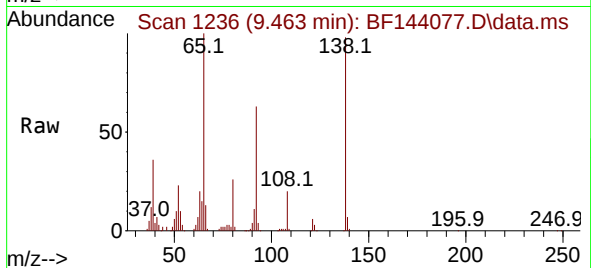
138 97.7 78.3 117.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#49

Acenaphthylene

Concen: 46.073 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

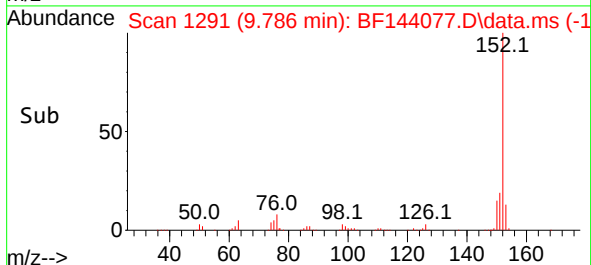
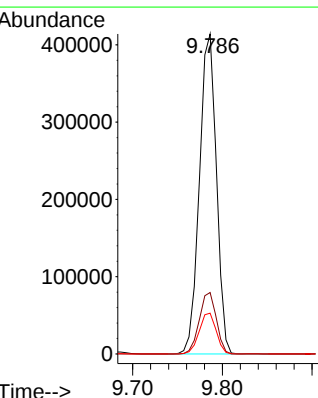
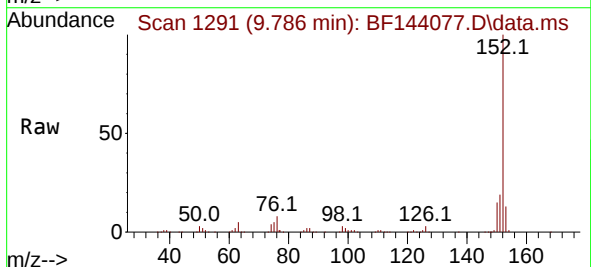
Tgt Ion:152 Resp: 543618

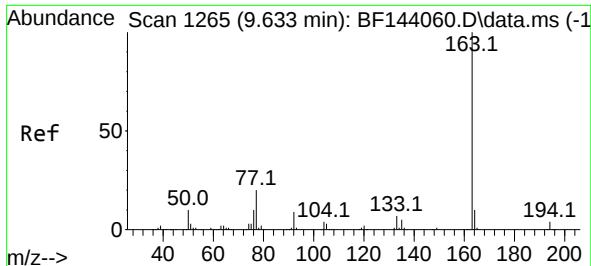
Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

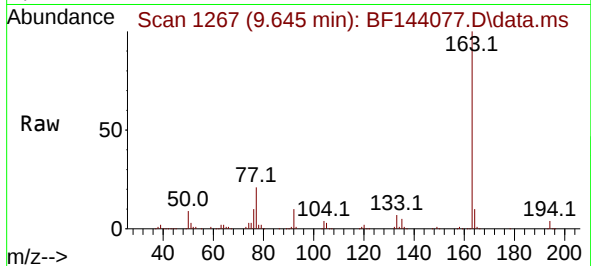
153 12.7 10.4 15.6





#50
Dimethylphthalate
Concen: 47.834 ng
RT: 9.645 min Scan# 1265
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

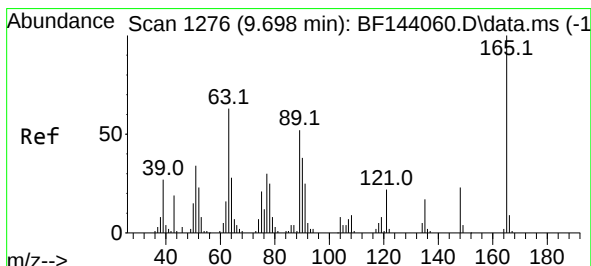
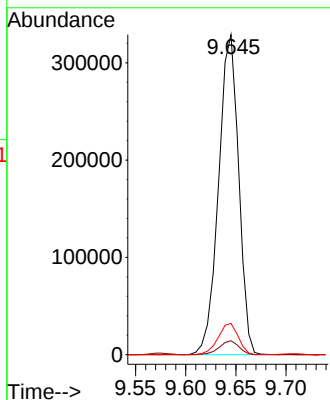
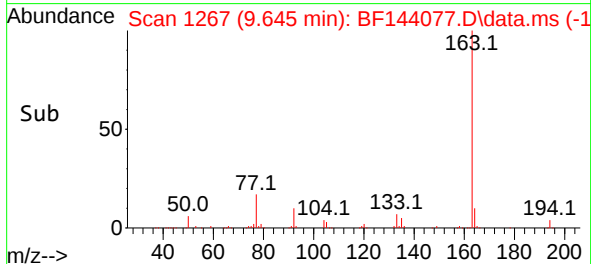
Instrument :
BNA_F
ClientSampleId :
PB170210BS



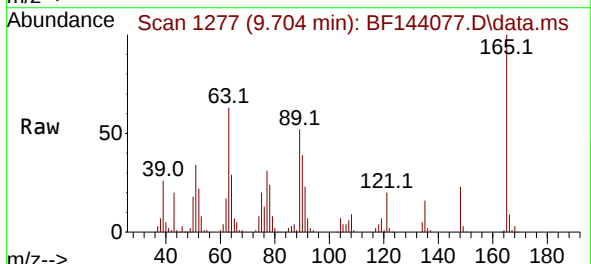
Tgt Ion:163 Resp: 457498
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.7 7.8 11.8

Manual Integrations
APPROVED

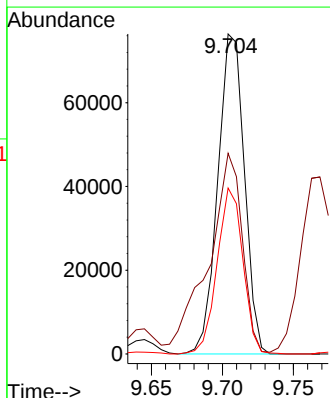
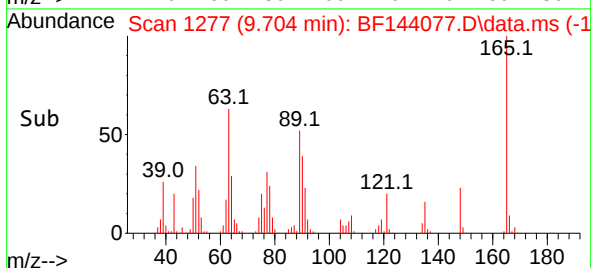
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

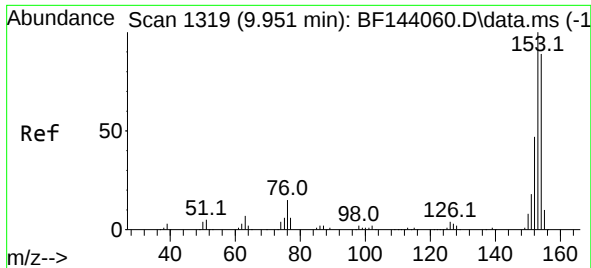


#51
2,6-Dinitrotoluene
Concen: 52.642 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:165 Resp: 99534
Ion Ratio Lower Upper
165 100
63 62.7 50.4 75.6
89 51.8 41.4 62.2





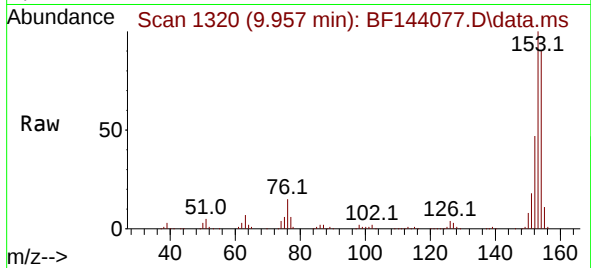
#52
Acenaphthene
Concen: 42.056 ng m
RT: 9.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

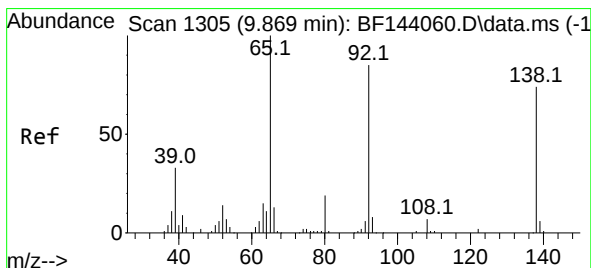
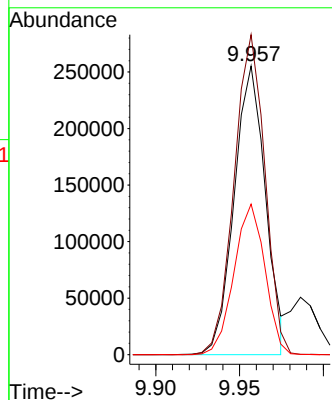
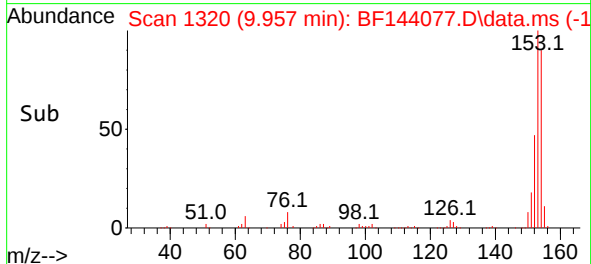


Tgt Ion:154 Resp: 331390
Ion Ratio Lower Upper
154 100
153 110.9 89.9 134.9
152 52.2 42.0 63.0

Manual Integrations

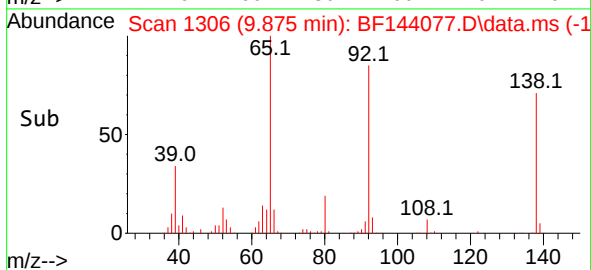
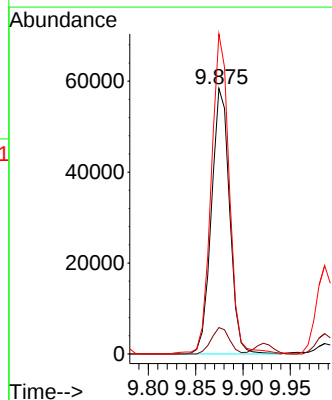
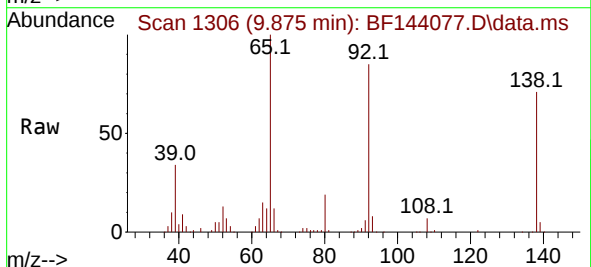
APPROVED

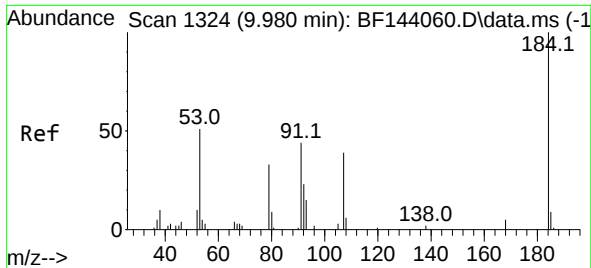
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#53
3-Nitroaniline
Concen: 37.101 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

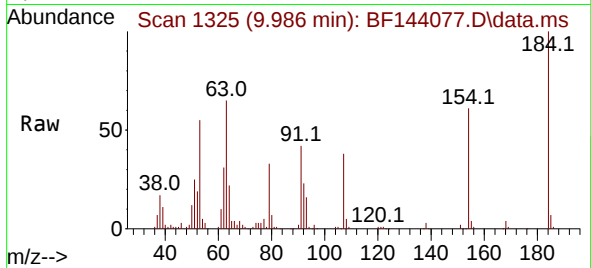
Tgt Ion:138 Resp: 77993
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 120.6 92.0 138.0





#54
2,4-Dinitrophenol
Concen: 115.513 ng
RT: 9.986 min Scan# 118130
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

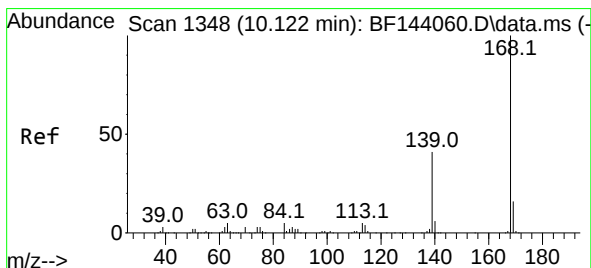
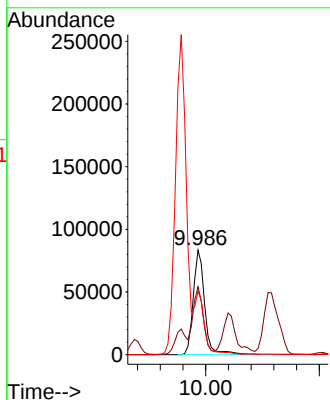
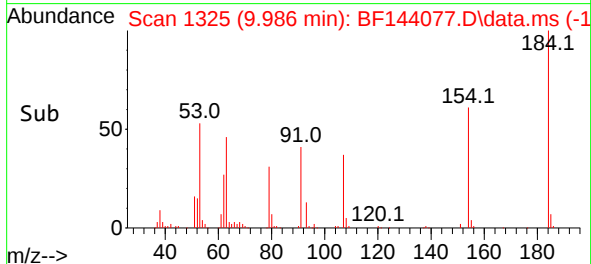
Instrument :
BNA_F
ClientSampleId :
PB170210BS



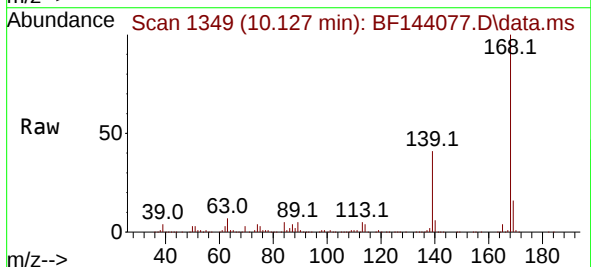
Tgt Ion:184 Resp: 118130
Ion Ratio Lower Upper
184 100
63 65.2 52.1 78.1
154 61.0 47.9 71.9

Manual Integrations
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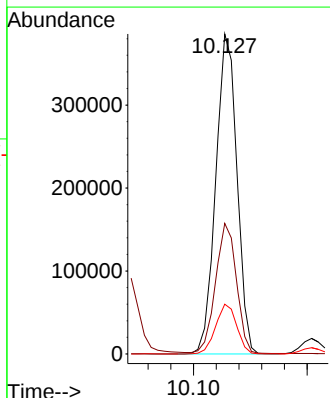
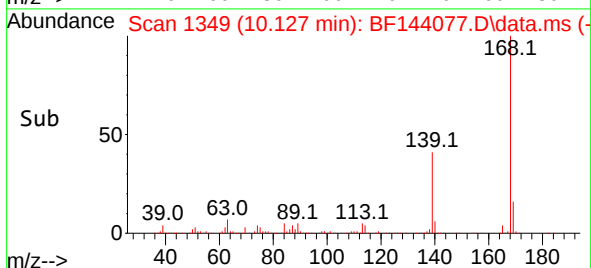
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

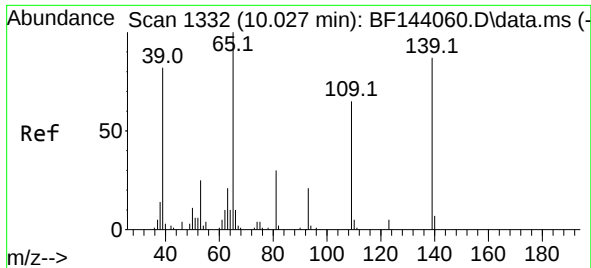


#55
Dibenzofuran
Concen: 45.675 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:168 Resp: 499666
Ion Ratio Lower Upper
168 100
139 40.8 33.2 49.8
169 15.5 12.6 19.0





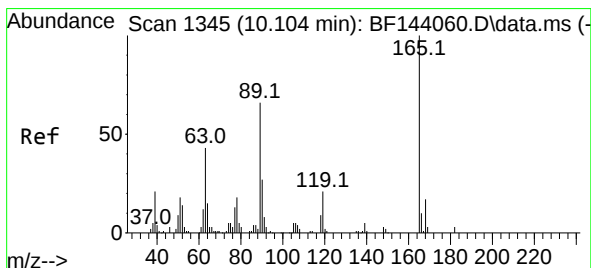
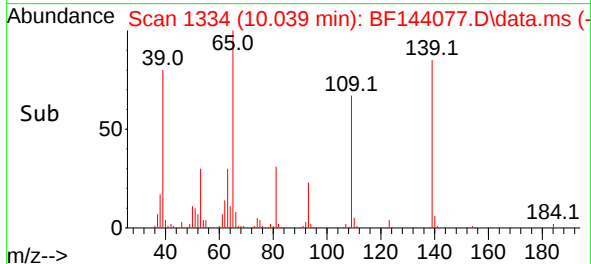
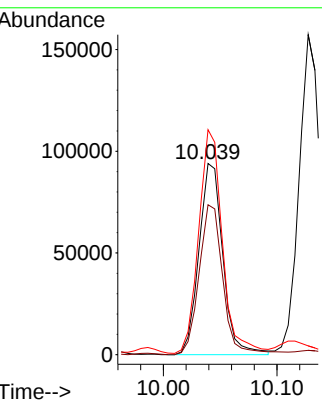
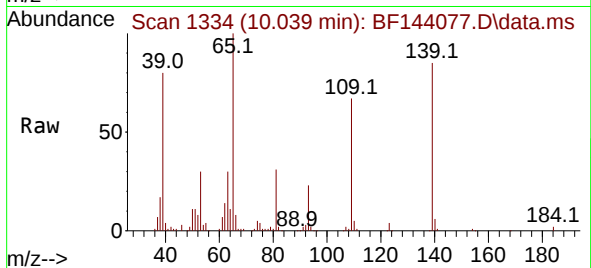
#56
4-Nitrophenol
Concen: 96.685 ng
RT: 10.039 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB170210BS

Tgt Ion:139 Resp: 13763
Ion Ratio Lower Upper
139 100
109 78.4 53.8 93.8
65 117.6 95.9 135.9

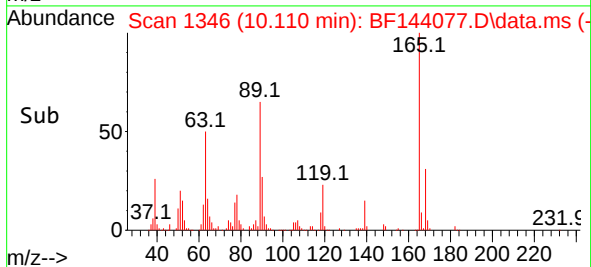
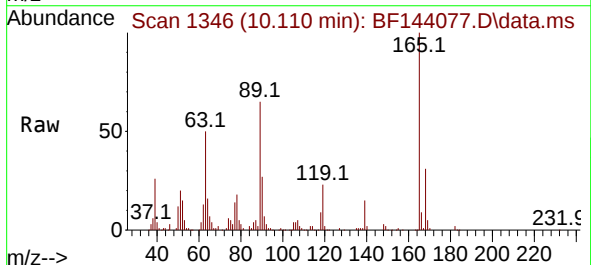
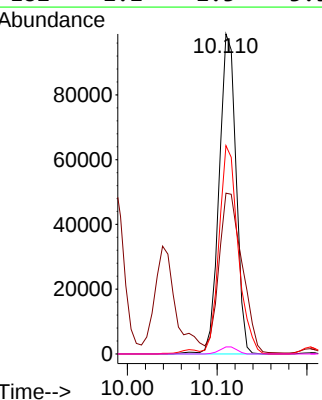
Manual Integrations
APPROVED

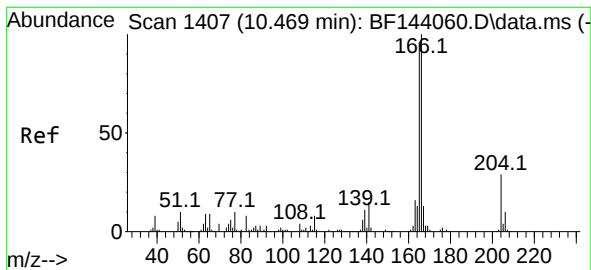
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#57
2,4-Dinitrotoluene
Concen: 50.738 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

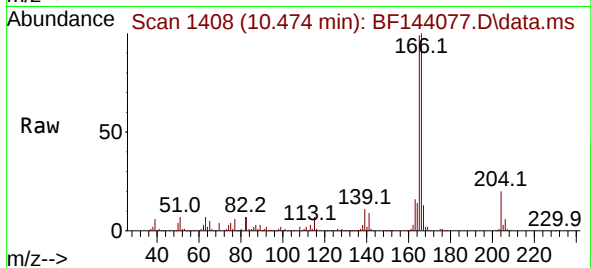
Tgt Ion:165 Resp: 129476
Ion Ratio Lower Upper
165 100
63 50.3 35.4 53.2
89 65.1 52.7 79.1
182 2.2 2.3 3.5#





#58
 Fluorene
 Concen: 45.139 ng
 RT: 10.474 min Scan# 1407
 Delta R.T. 0.006 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56

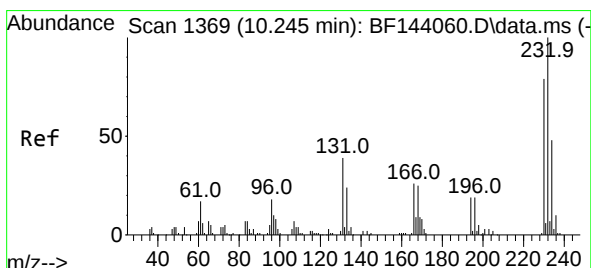
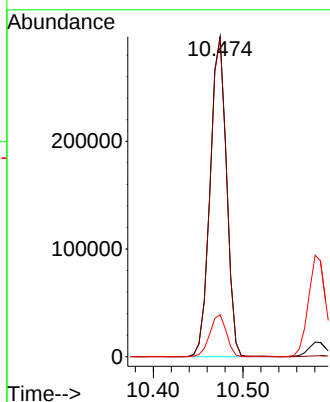
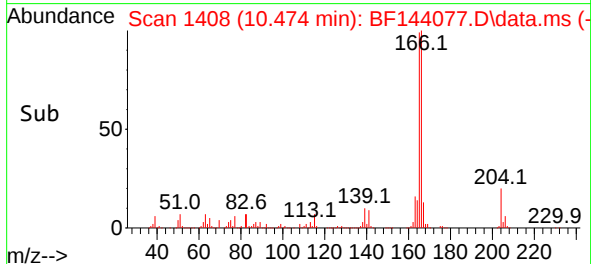
Instrument :
 BNA_F
 ClientSampleId :
 PB170210BS



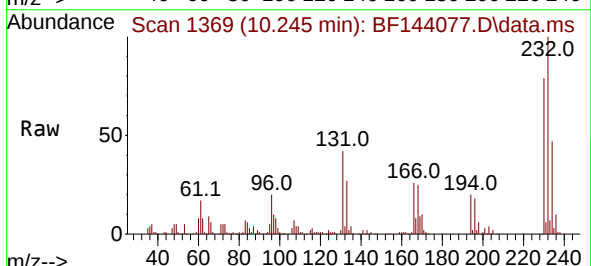
Tgt Ion:166 Resp: 37624
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.0 115.4
 167 13.1 10.2 15.4

Manual Integrations
 APPROVED

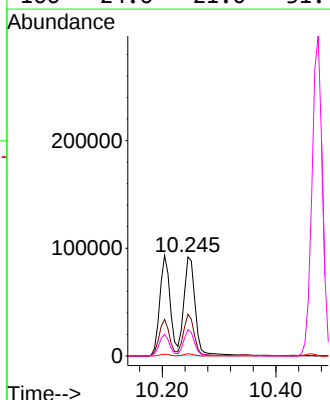
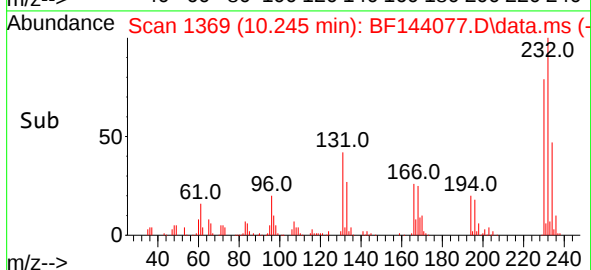
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025

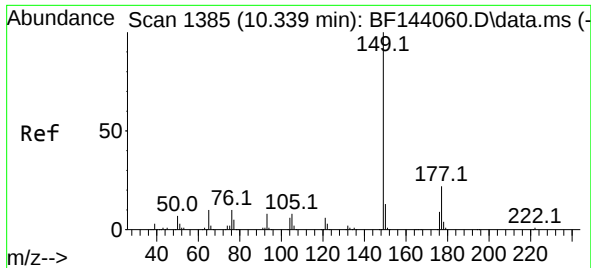


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.507 ng
 RT: 10.245 min Scan# 1369
 Delta R.T. -0.000 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56



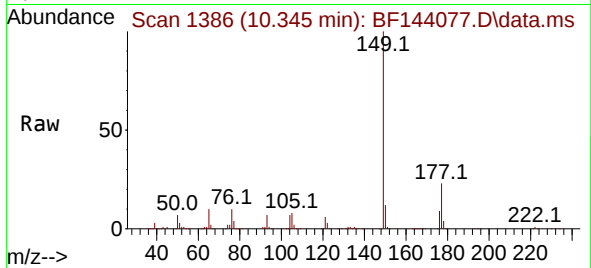
Tgt Ion:232 Resp: 126574
 Ion Ratio Lower Upper
 232 100
 131 39.0 31.9 47.9
 130 1.9 1.1 1.7#
 166 24.6 21.0 31.4





#60
Diethylphthalate
Concen: 47.287 ng
RT: 10.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

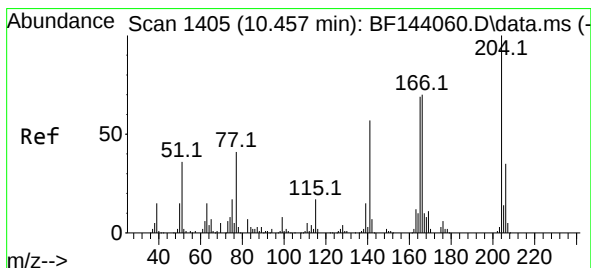
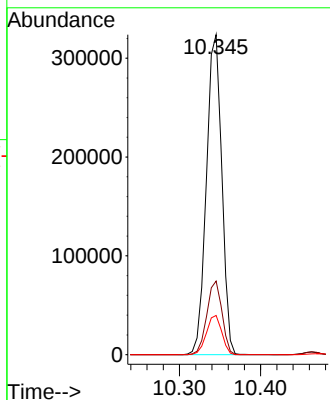
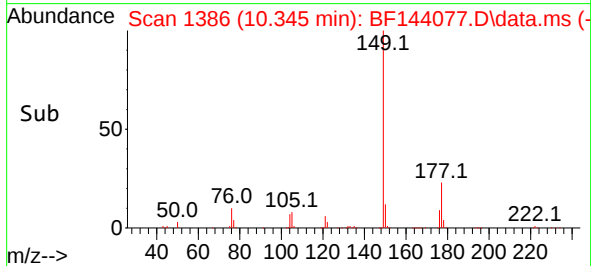
Instrument :
BNA_F
ClientSampleId :
PB170210BS



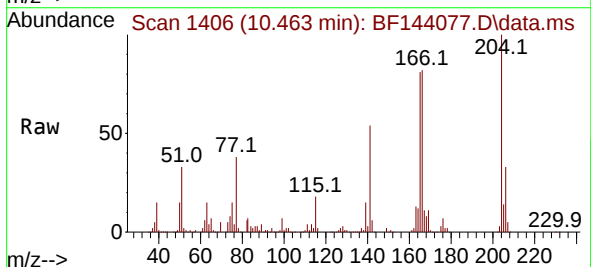
Tgt Ion:149 Resp: 425329
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.2 10.1 15.1

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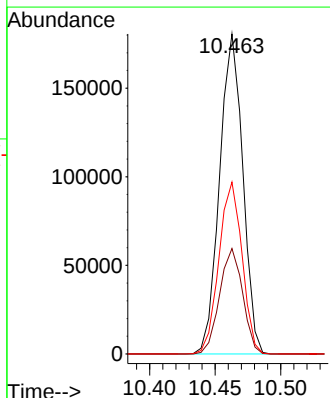
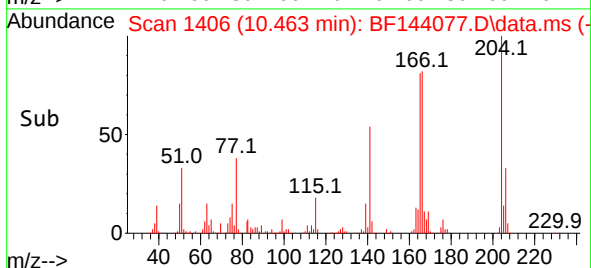
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

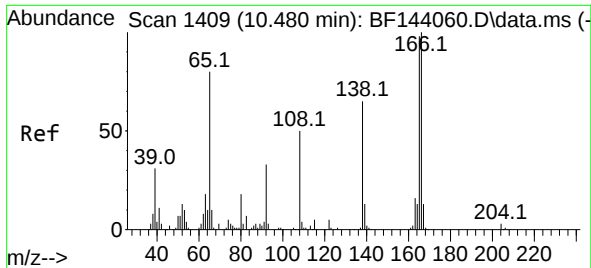


#61
4-Chlorophenyl-phenylether
Concen: 47.349 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:204 Resp: 221949
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 53.7 45.4 68.2





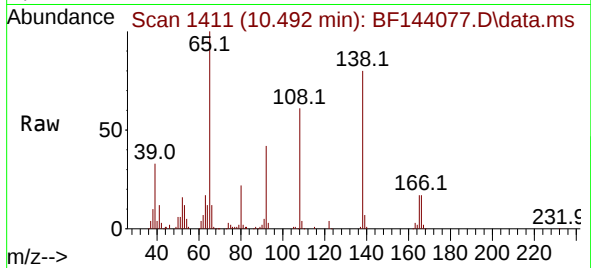
#62
4-Nitroaniline
Concen: 44.541 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

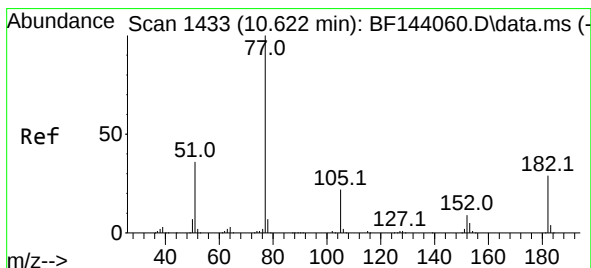
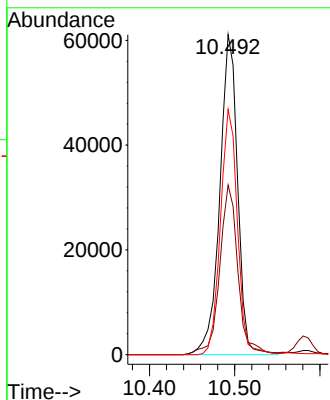
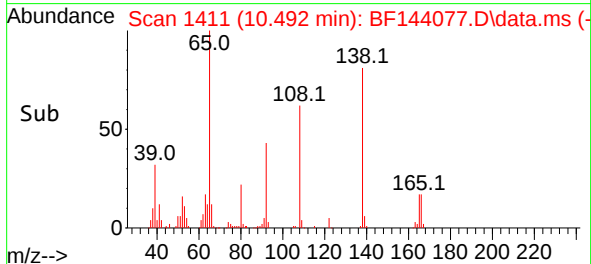


Tgt Ion:138 Resp: 88718
Ion Ratio Lower Upper
138 100
92 53.0 30.5 70.5
108 76.7 56.2 96.2

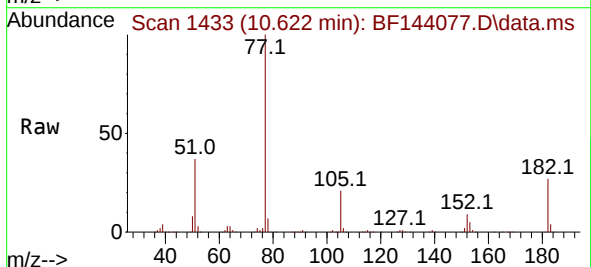
Manual Integrations

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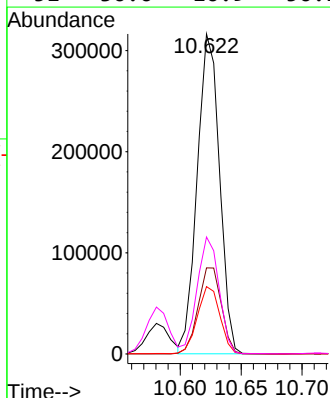
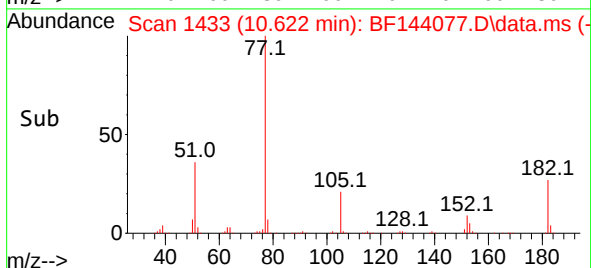
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

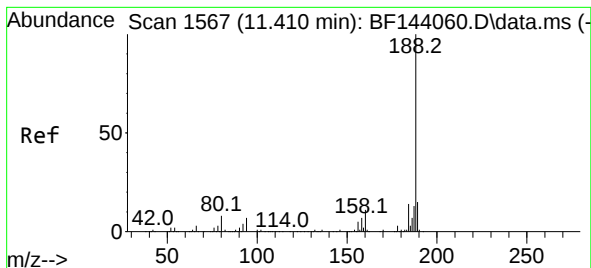


#63
Azobenzene
Concen: 47.262 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion: 77 Resp: 402347
Ion Ratio Lower Upper
77 100
182 26.9 9.0 49.0
105 21.1 1.4 41.4
51 36.6 16.9 56.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11410
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

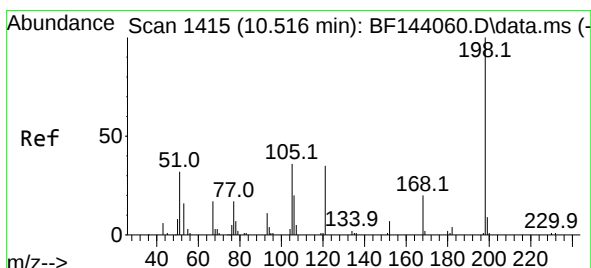
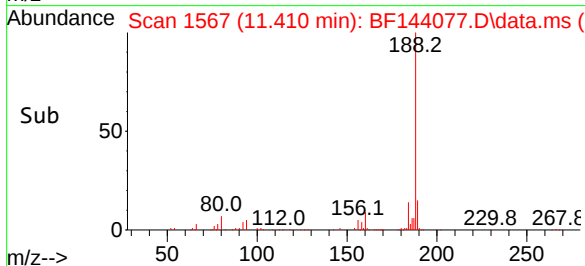
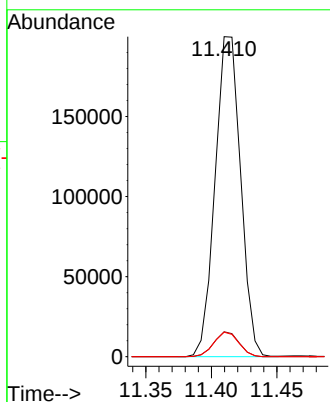
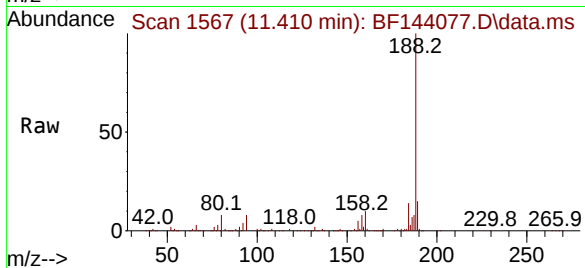
PB170210BS

Tgt Ion:188 Resp: 270812
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 7.6 6.0 9.0

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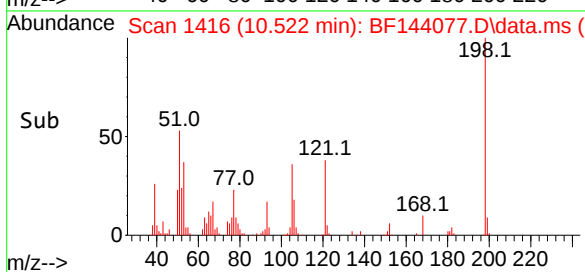
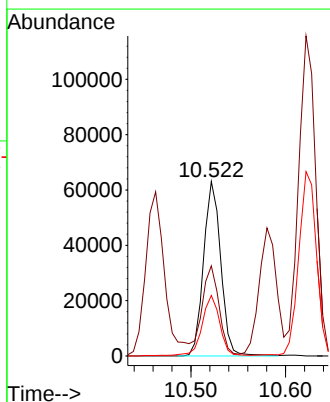
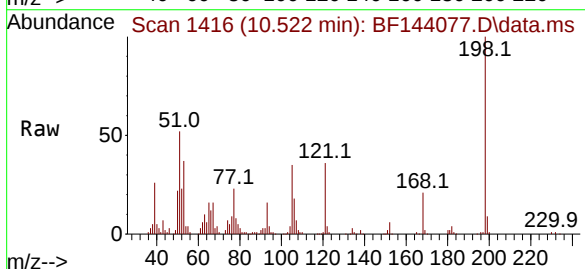
APPROVED

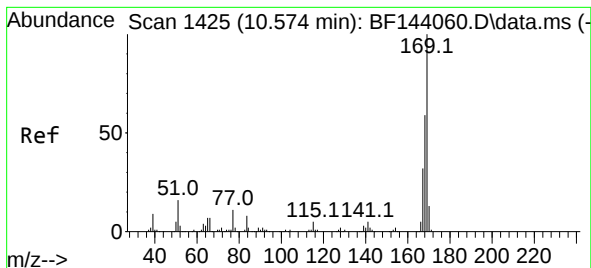
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 45.919 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

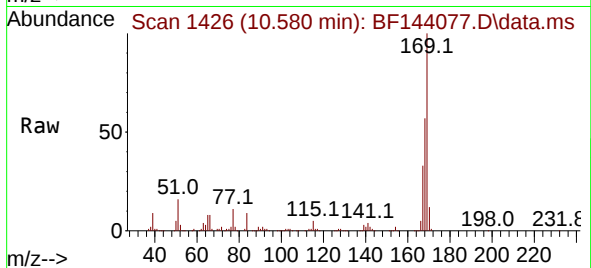
Tgt Ion:198 Resp: 79784
Ion Ratio Lower Upper
198 100
51 51.6 25.8 65.8
105 34.6 17.2 57.2





#66
n-Nitrosodiphenylamine
Concen: 43.507 ng
RT: 10.580 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

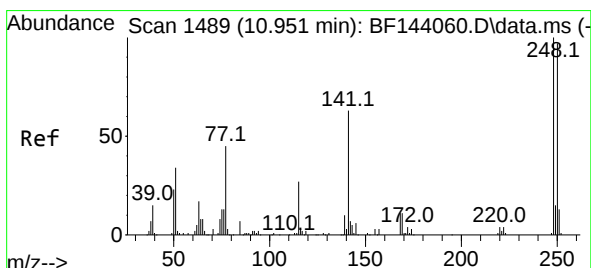
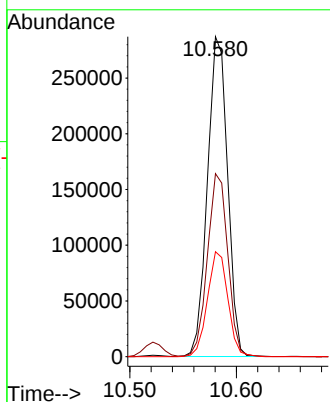
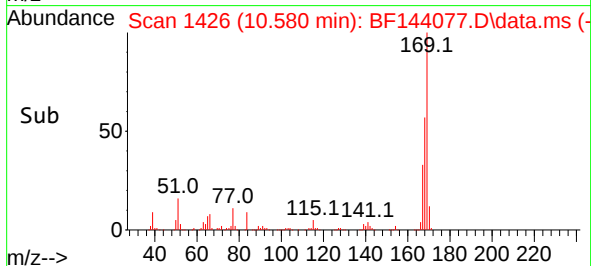
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:169 Resp: 376450
Ion Ratio Lower Upper
169 100
168 57.2 47.4 71.2
167 32.8 25.5 38.3

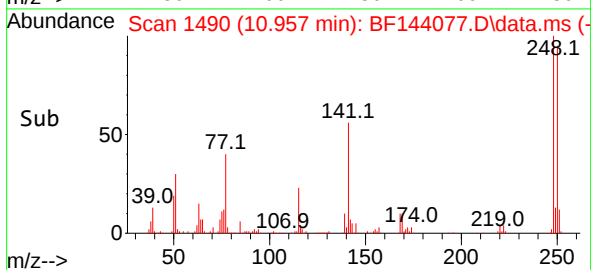
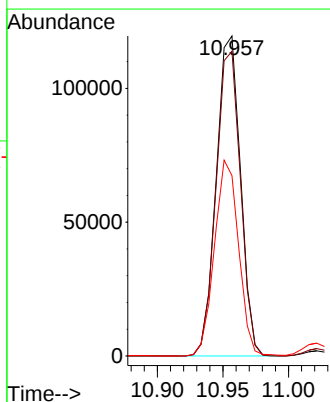
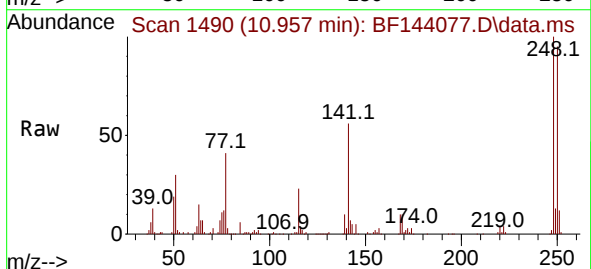
Manual Integrations
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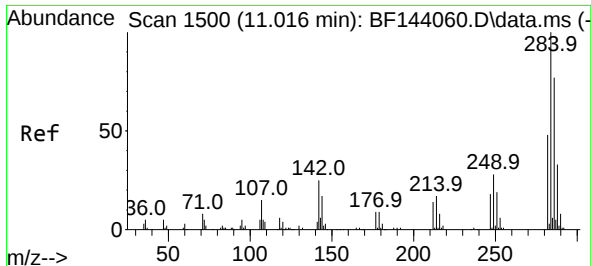
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#67
4-Bromophenyl-phenylether
Concen: 45.361 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:248 Resp: 153807
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.6
141 56.4 50.5 75.7





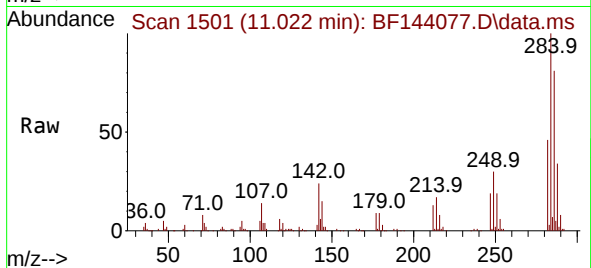
#68
Hexachlorobenzene
Concen: 43.588 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

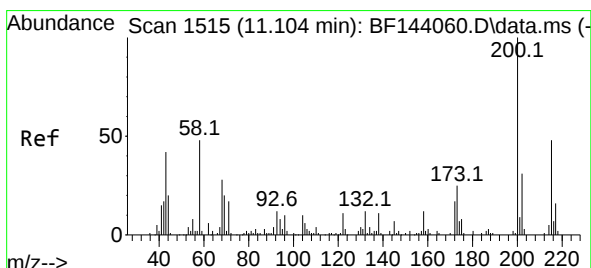
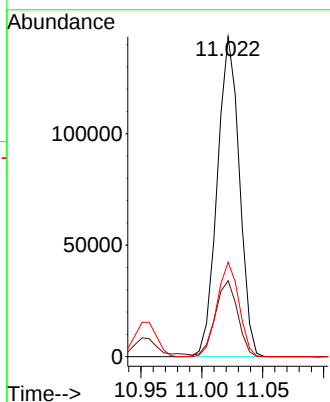
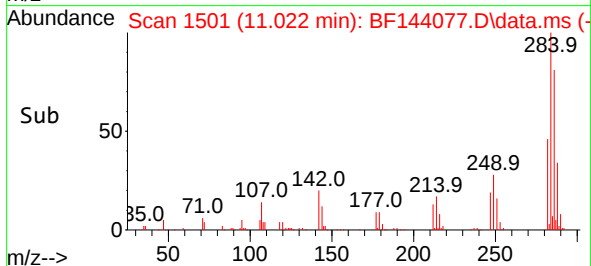


Tgt Ion:284 Resp: 181258
Ion Ratio Lower Upper
284 100
142 23.8 20.0 30.0
249 29.5 22.2 33.2

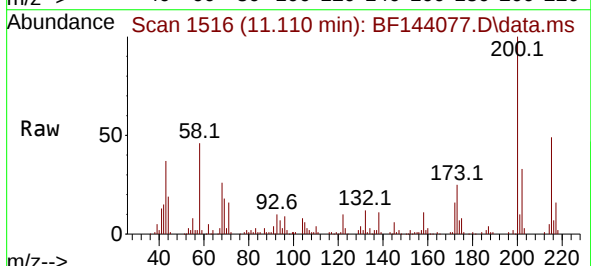
Manual Integrations

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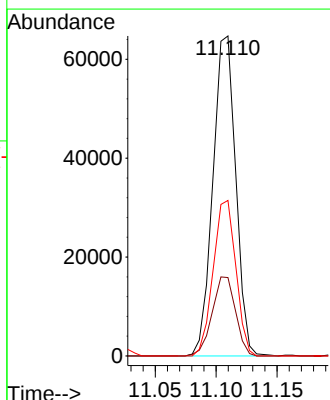
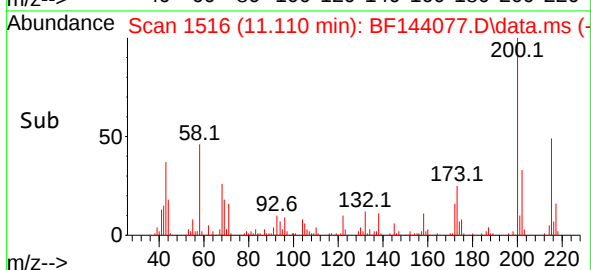
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

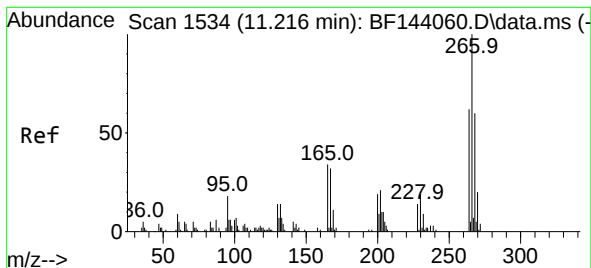


#69
Atrazine
Concen: 29.818 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



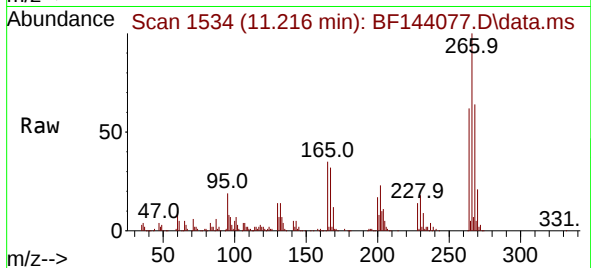
Tgt Ion:200 Resp: 84663
Ion Ratio Lower Upper
200 100
173 24.5 4.9 44.9
215 48.6 28.2 68.2





#70
Pentachlorophenol
Concen: 90.147 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

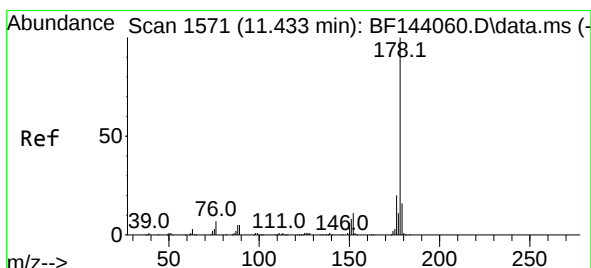
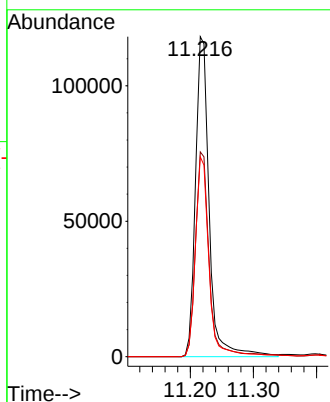
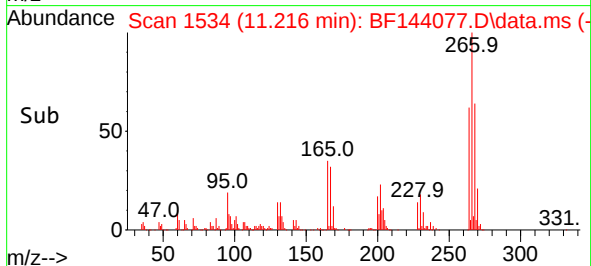
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:266 Resp: 178439
Ion Ratio Lower Upper
266 100
268 64.0 48.2 72.4
264 62.4 49.4 74.0

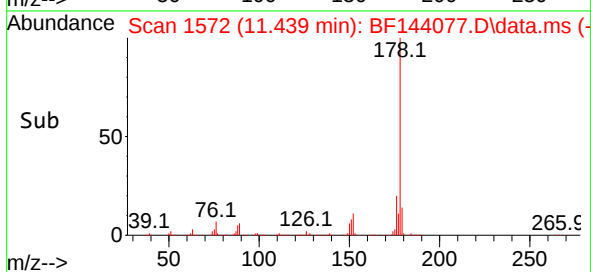
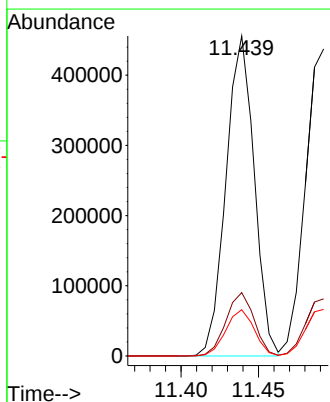
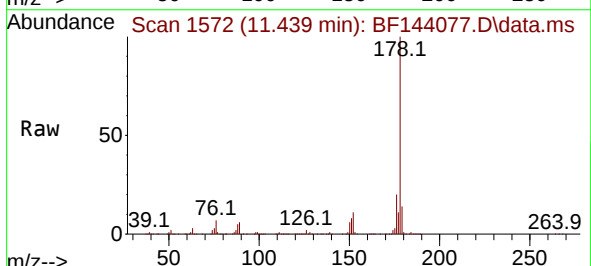
Manual Integrations
APPROVED

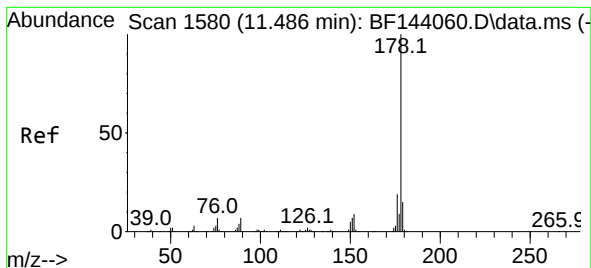
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#71
Phenanthrene
Concen: 42.899 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

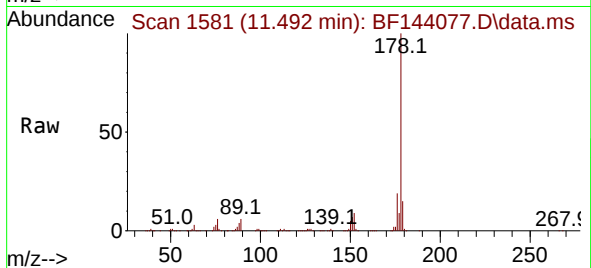
Tgt Ion:178 Resp: 577108
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 14.4 12.6 18.8





#72
 Anthracene
 Concen: 41.281 ng
 RT: 11.492 min Scan# 11492
 Delta R.T. 0.006 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56

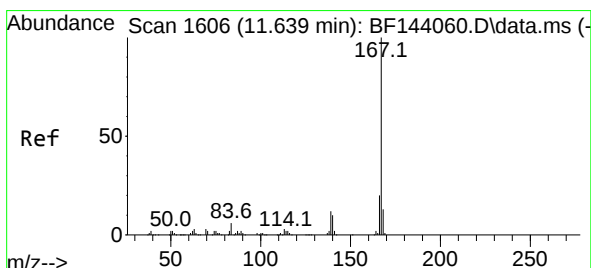
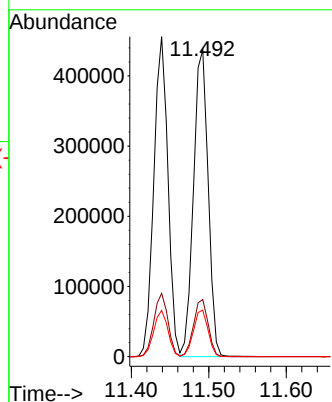
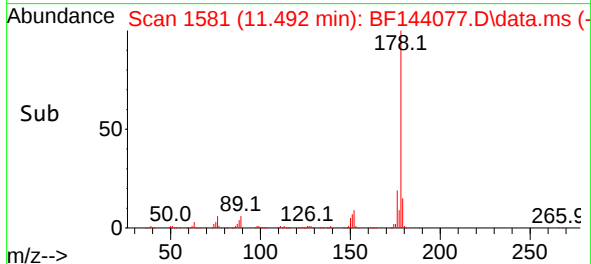
Instrument :
 BNA_F
 ClientSampleId :
 PB170210BS



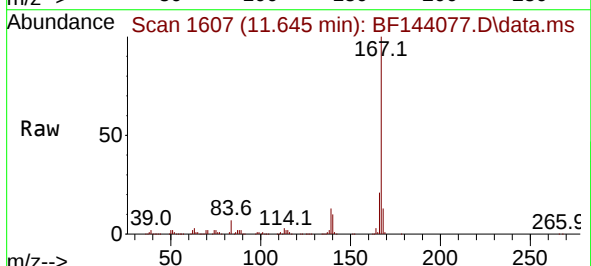
Tgt Ion:178 Resp: 573680
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.1 11.8 17.6

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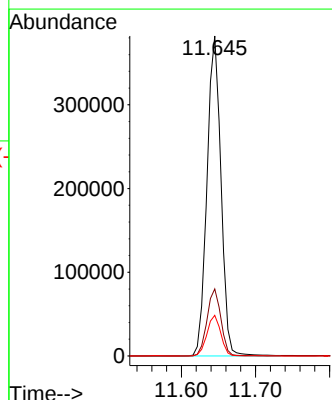
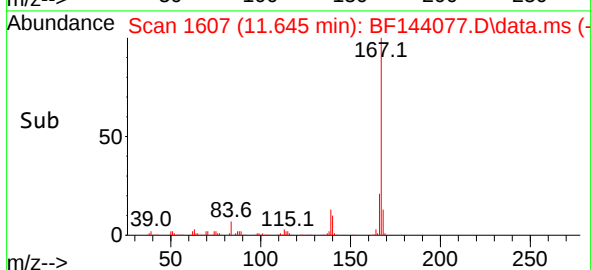
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025

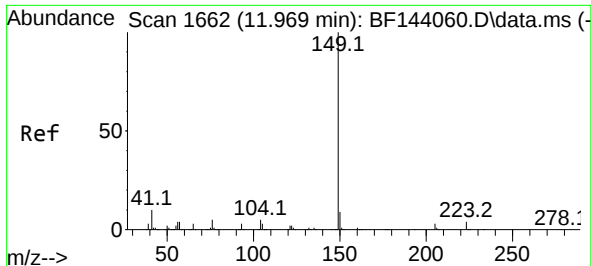


#73
 Carbazole
 Concen: 42.357 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.006 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56



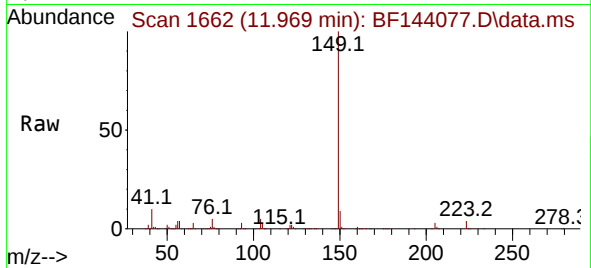
Tgt Ion:167 Resp: 501022
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.1 24.1
 139 12.7 9.8 14.6





#74
Di-n-butylphthalate
Concen: 41.876 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

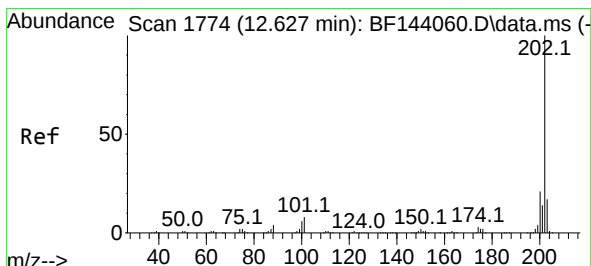
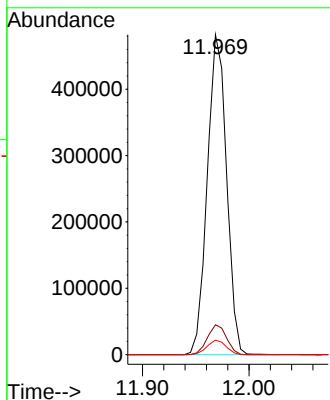
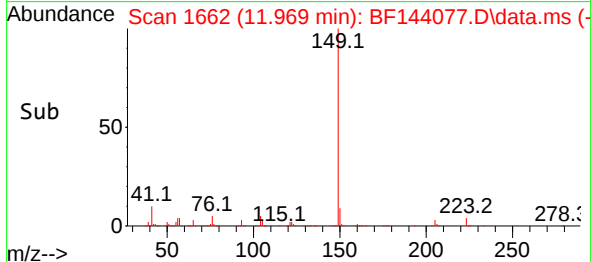
Instrument :
BNA_F
ClientSampleId :
PB170210BS



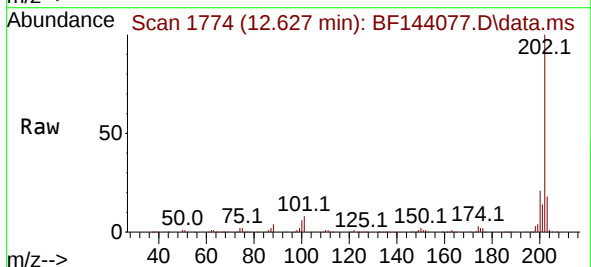
Tgt Ion:149 Resp: 607300
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.5 3.6 5.4

Manual Integrations
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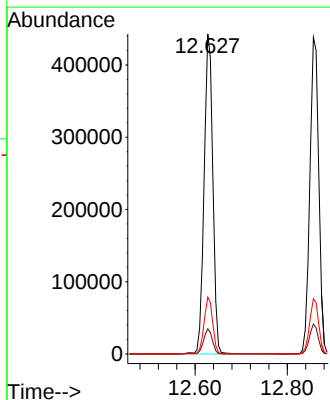
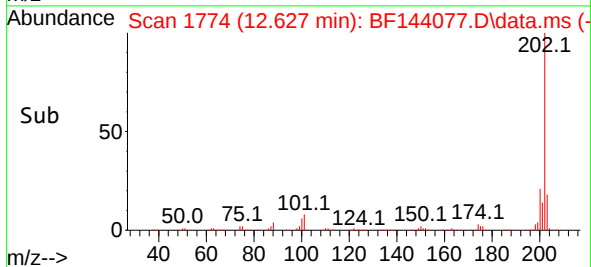
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

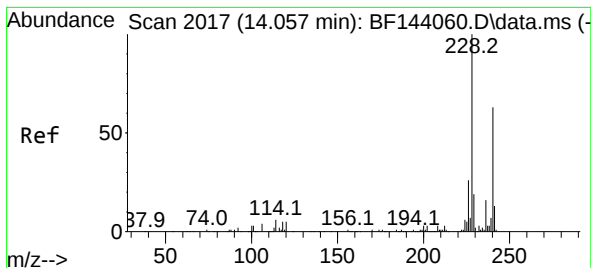


#75
Fluoranthene
Concen: 39.483 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:202 Resp: 586828
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 17.8 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:240 Resp: 145792

Ion Ratio Lower Upper

240 100

120 6.8 6.5 9.7

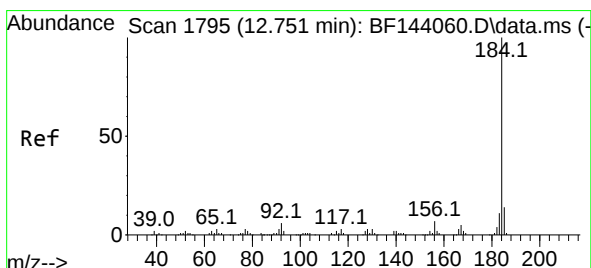
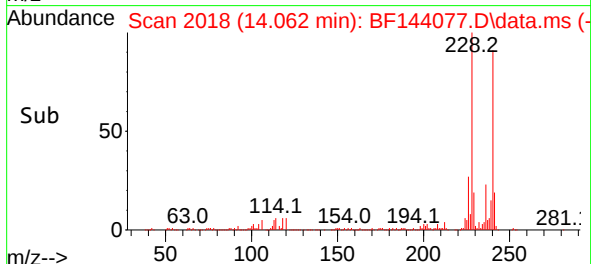
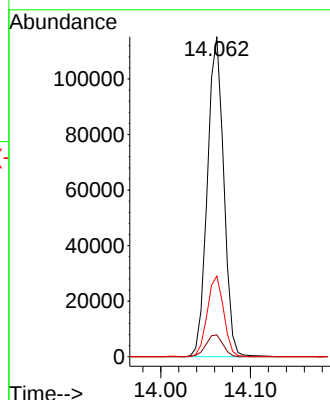
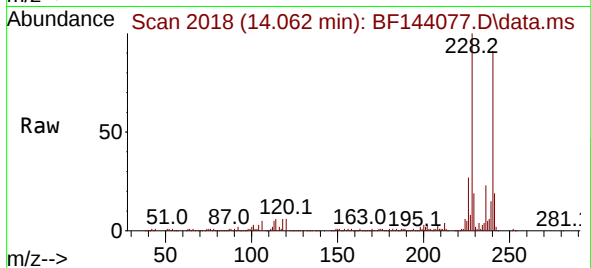
236 25.2 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#77

Benzidine

Concen: 8.249 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

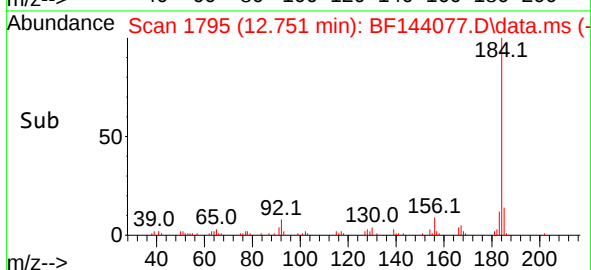
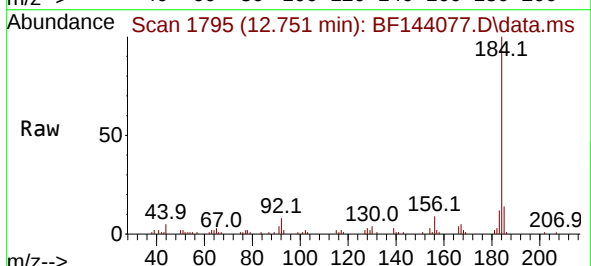
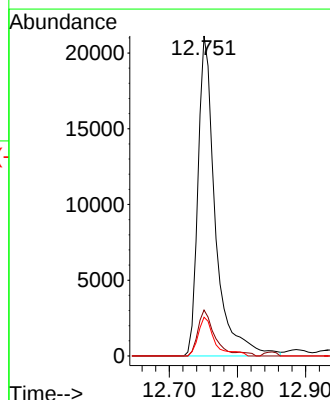
Tgt Ion:184 Resp: 37428

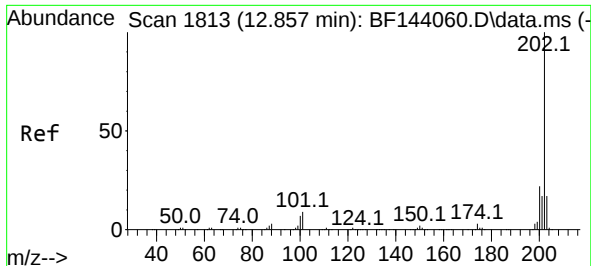
Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 12.1 8.5 12.7





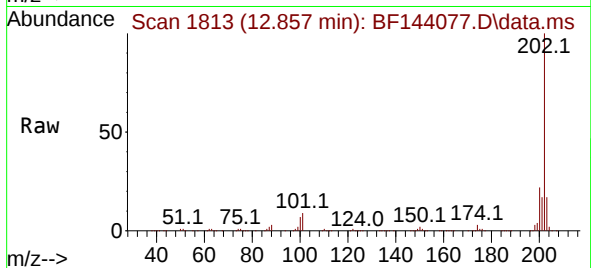
#78
Pyrene
Concen: 56.091 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

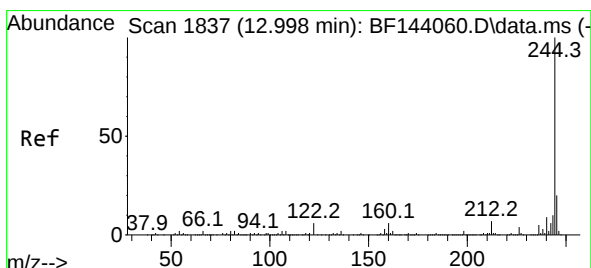
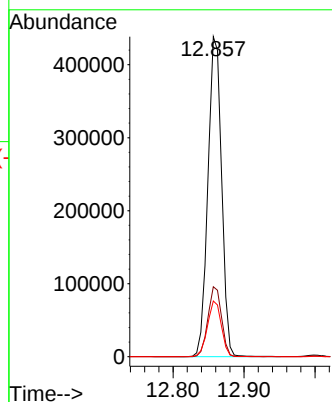
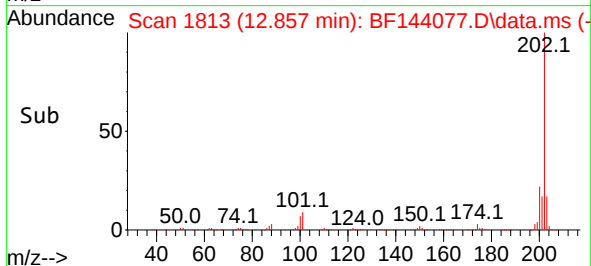


Tgt Ion:202 Resp: 587919
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.4 13.5 20.3

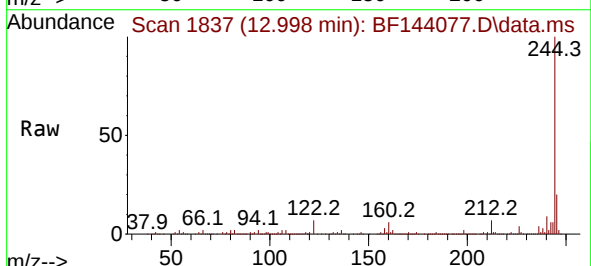
Manual Integrations

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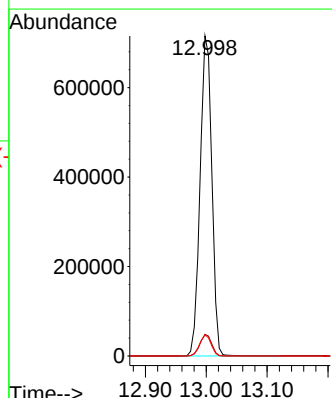
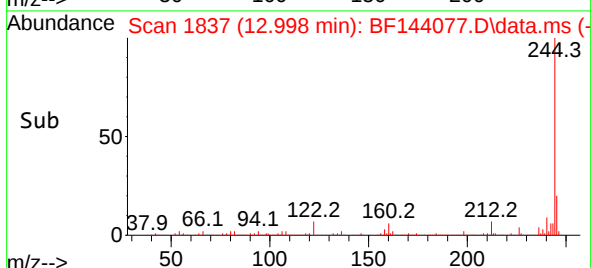
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

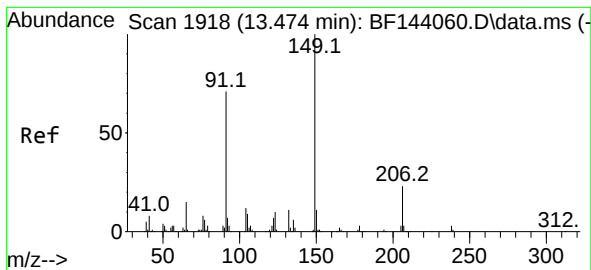


#79
Terphenyl-d14
Concen: 114.609 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:244 Resp: 955776
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 6.6 4.9 7.3





#80
Butylbenzylphthalate
Concen: 50.388 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

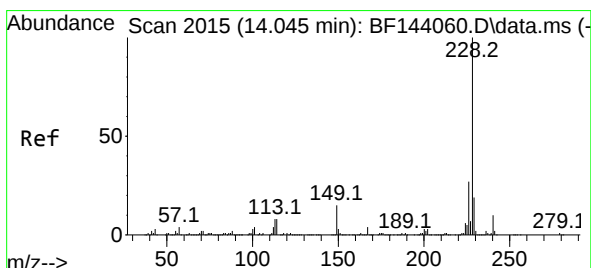
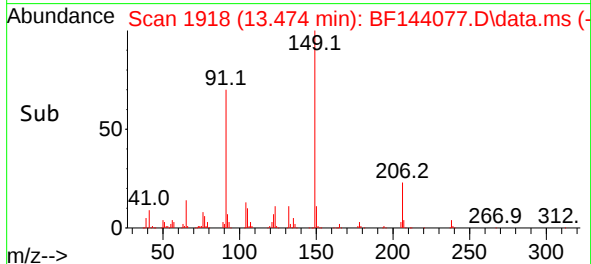
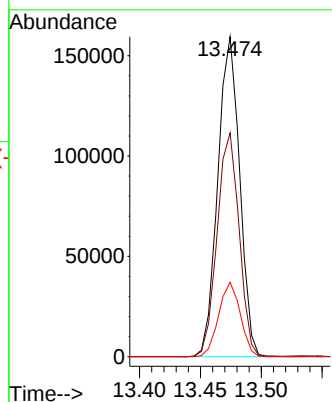
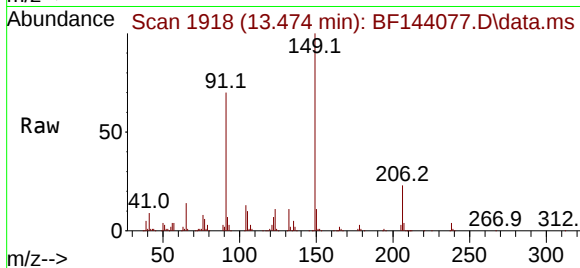
PB170210BS

Tgt Ion:149 Resp: 199800
Ion Ratio Lower Upper
149 100
91 69.9 56.6 84.8
206 23.3 18.3 27.5

Manual Integrations

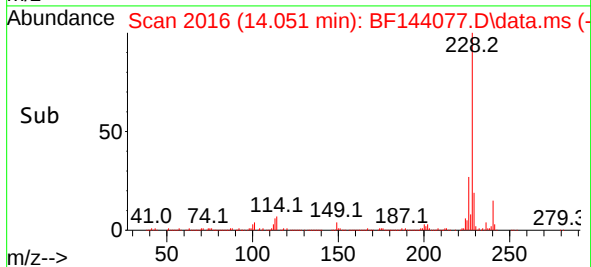
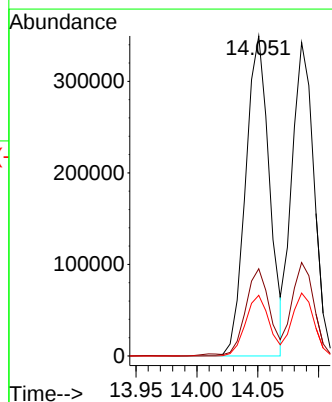
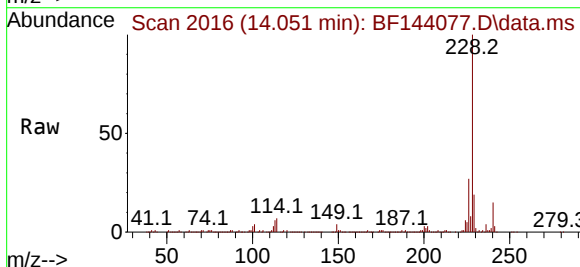
APPROVED

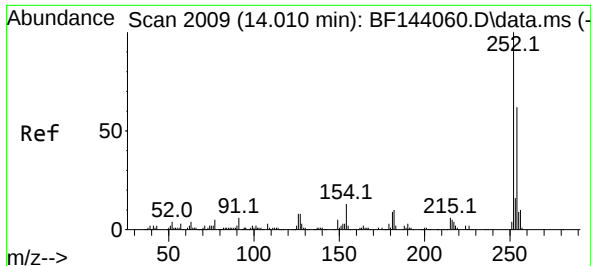
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#81
Benzo(a)anthracene
Concen: 48.435 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

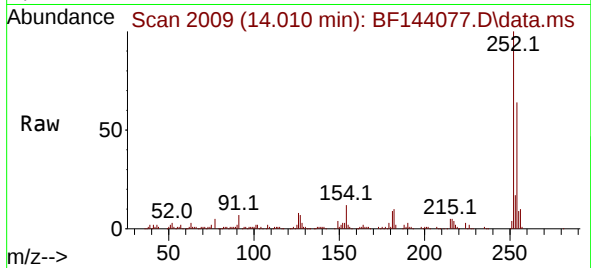
Tgt Ion:228 Resp: 477212
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.0 15.3 22.9





#82
3,3'-Dichlorobenzidine
Concen: 44.094 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

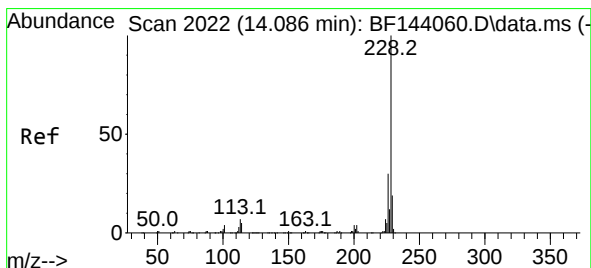
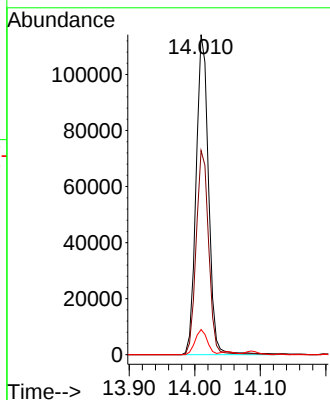
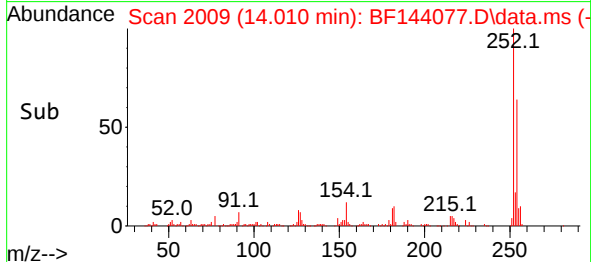
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:252 Resp: 15123
Ion Ratio Lower Upper
252 100
254 63.8 49.9 74.9
126 7.9 6.5 9.7

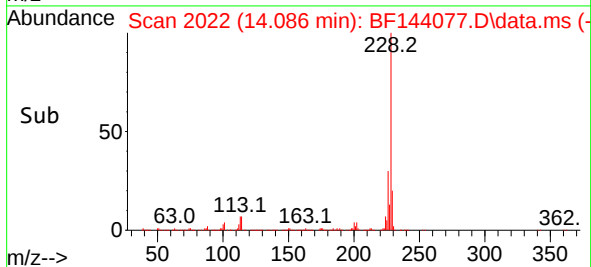
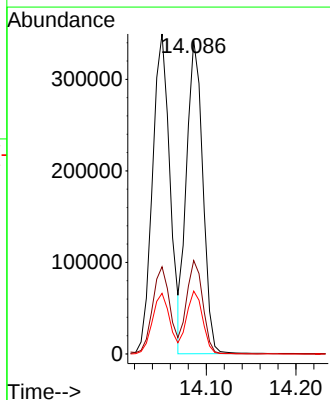
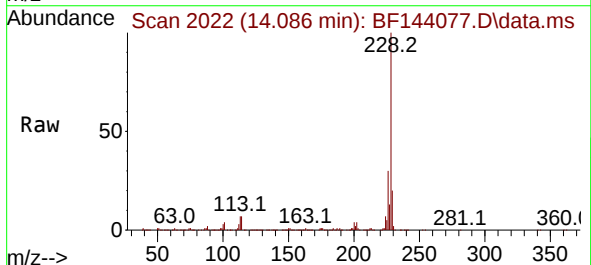
Manual Integrations
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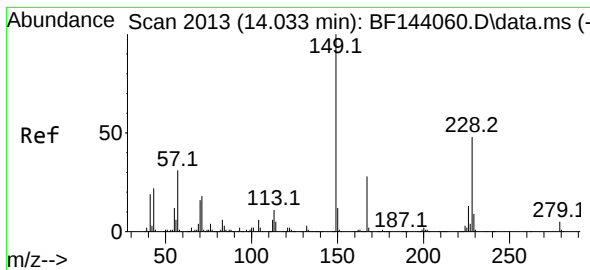
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#83
Chrysene
Concen: 46.732 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:228 Resp: 432073
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.1 15.6 23.4





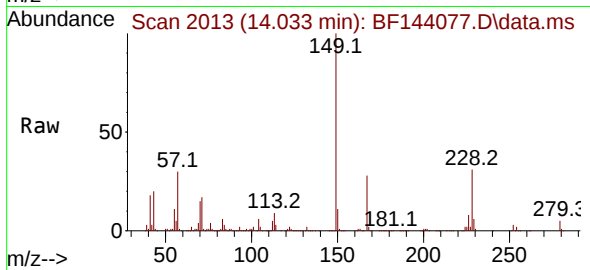
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.400 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

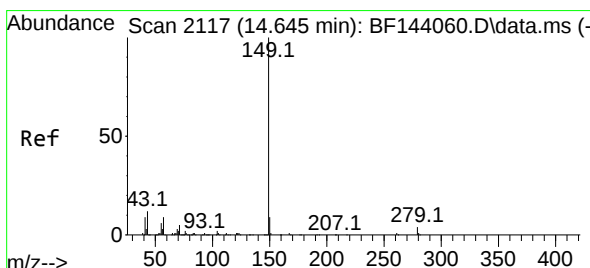
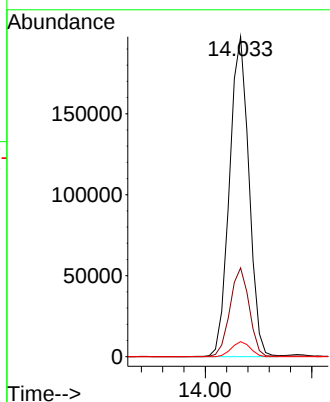
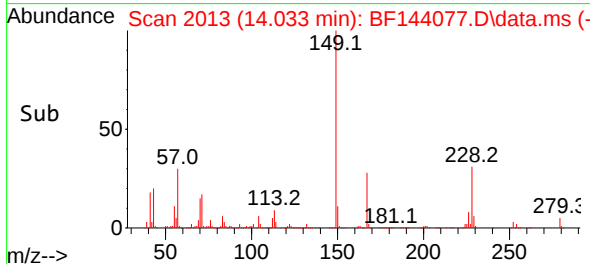


Tgt Ion:149 Resp: 251180
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.7 3.6 5.4

Manual Integrations

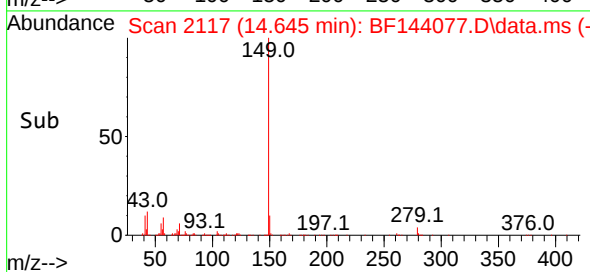
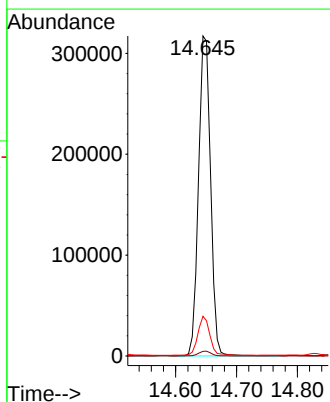
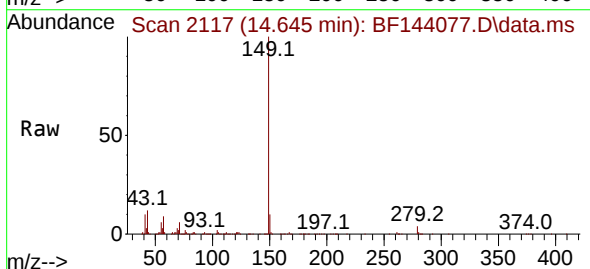
APPROVED

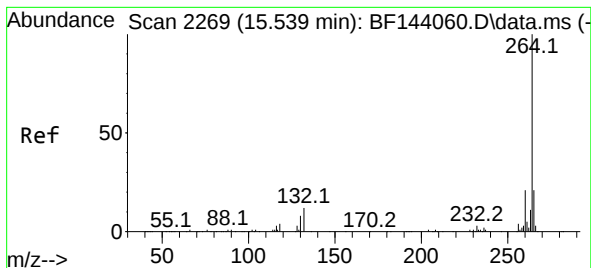
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#85
Di-n-octyl phthalate
Concen: 46.741 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:149 Resp: 435137
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.2 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144077.D

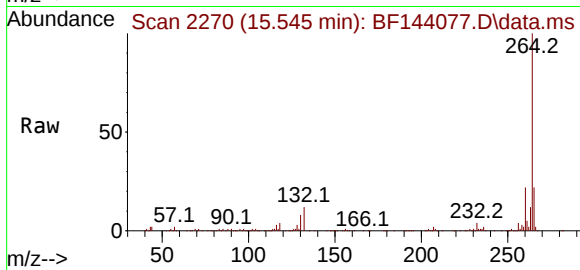
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:264 Resp: 18006

Ion Ratio Lower Upper

264 100

260 21.9 17.0 25.4

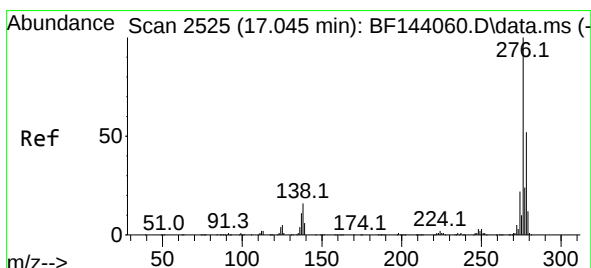
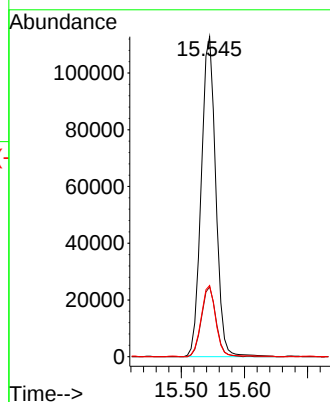
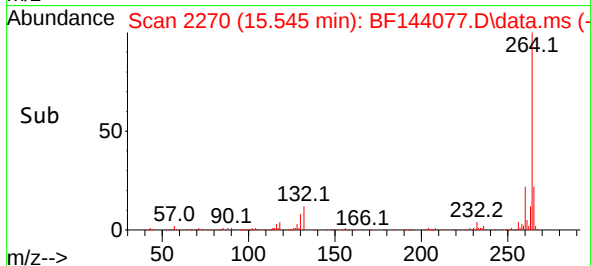
265 22.2 16.6 24.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.134 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.012 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

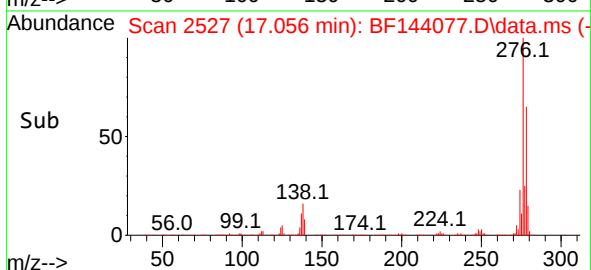
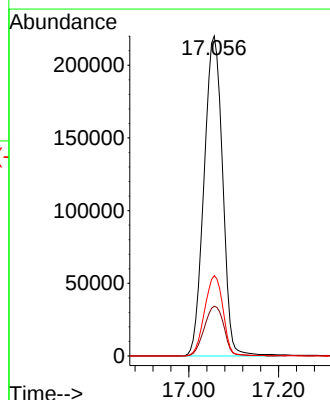
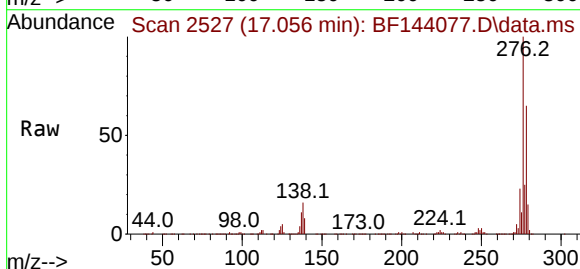
Tgt Ion:276 Resp: 632133

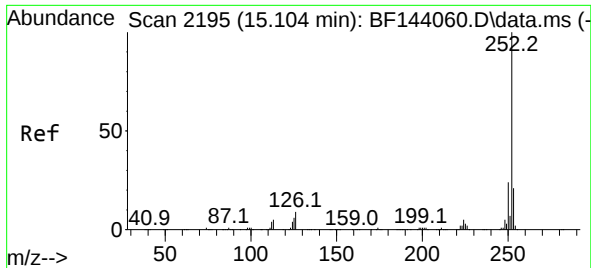
Ion Ratio Lower Upper

276 100

138 16.6 13.0 19.6

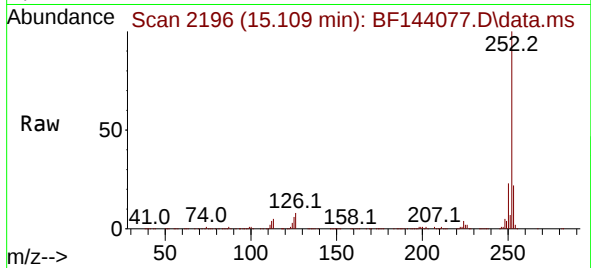
277 25.1 19.4 29.0





#88
Benzo(b)fluoranthene
Concen: 56.579 ng
RT: 15.109 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

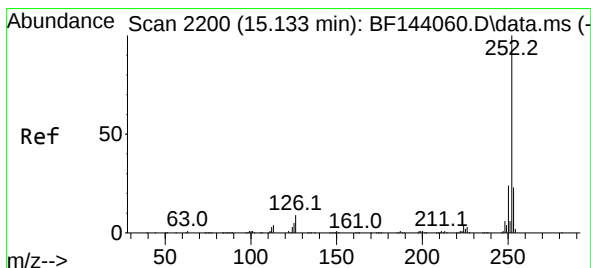
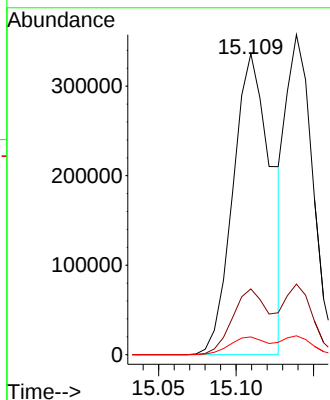
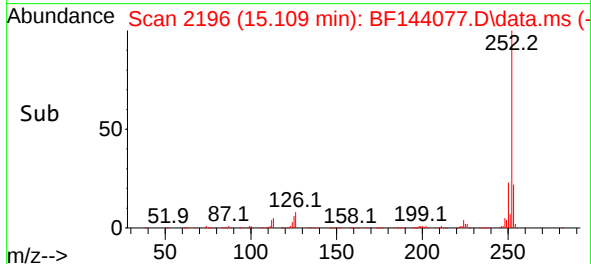
Instrument :
BNA_F
ClientSampleId :
PB170210BS



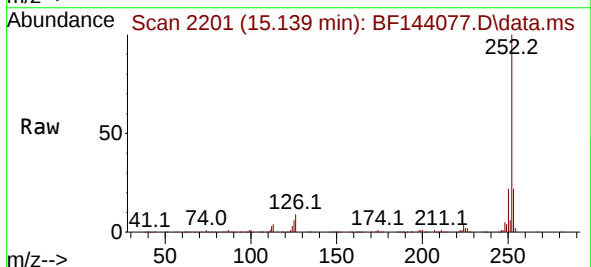
Tgt Ion:252 Resp: 575949
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 5.9 5.0 7.6

Manual Integrations
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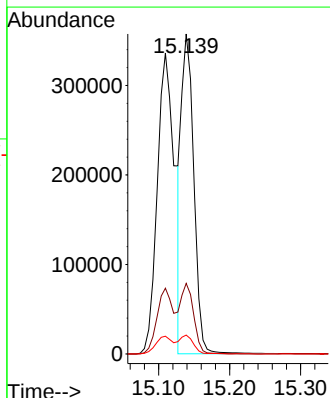
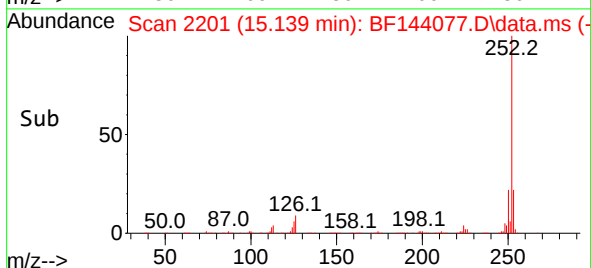
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

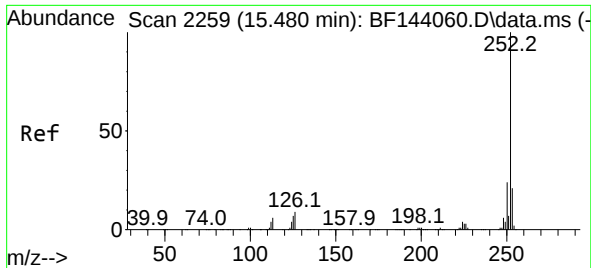


#89
Benzo(k)fluoranthene
Concen: 46.164 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



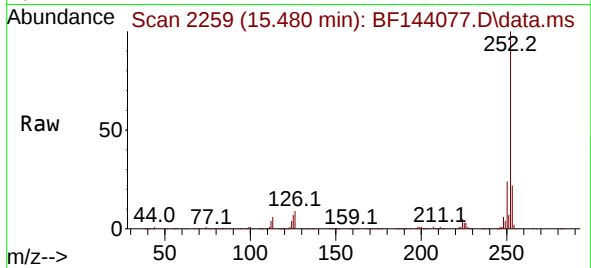
Tgt Ion:252 Resp: 433568
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 5.9 4.9 7.3





#90
Benzo(a)pyrene
Concen: 49.843 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

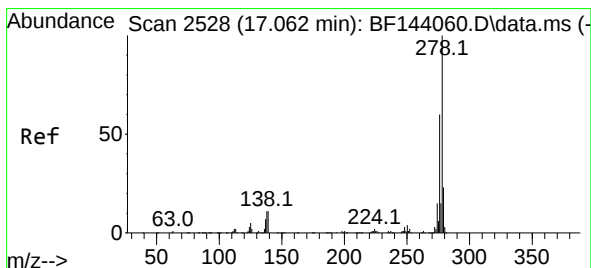
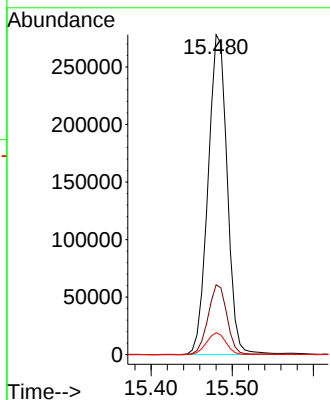
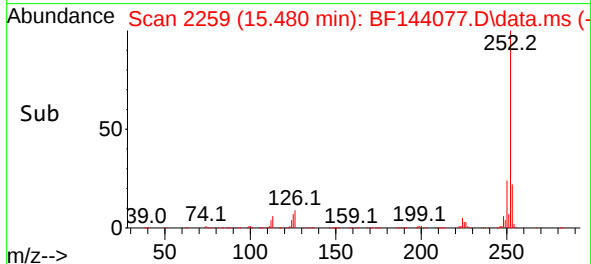
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:252 Resp: 455184
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.9 5.4 8.2

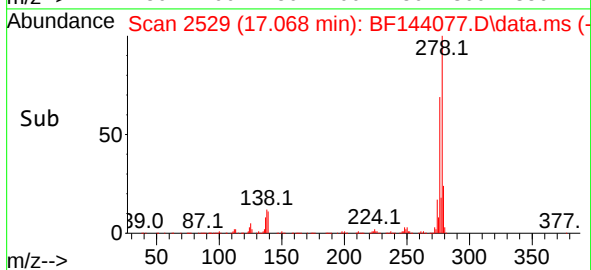
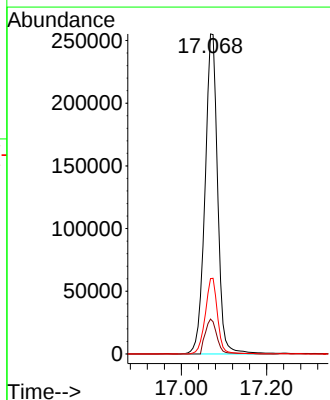
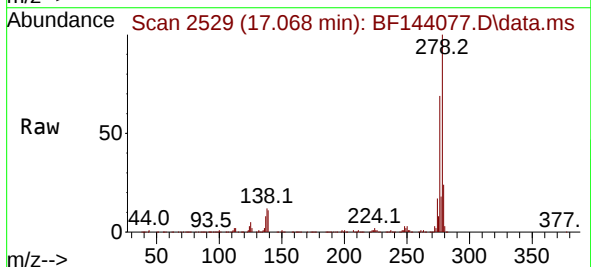
Manual Integrations
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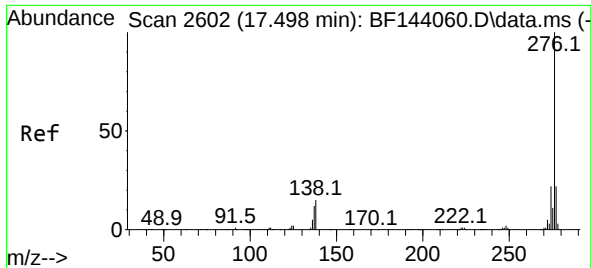
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#91
Dibenzo(a,h)anthracene
Concen: 53.584 ng
RT: 17.068 min Scan# 2529
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:278 Resp: 524352
Ion Ratio Lower Upper
278 100
139 10.9 8.5 12.7
279 23.6 18.6 28.0





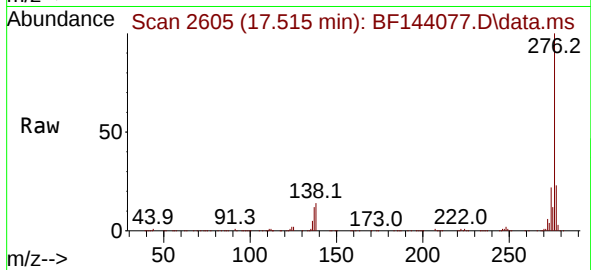
#92
 Benzo(g,h,i)perylene
 Concen: 55.087 ng
 RT: 17.515 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF144077.D
 Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:276 Resp: 541975
 Ion Ratio Lower Upper
 276 100
 277 23.1 17.9 26.9
 138 14.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

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