

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141502.D
 Acq On : 07 Feb 2025 12:32
 Operator : RC/JU
 Sample : PB166567BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 13:02:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84896	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	345705	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190426	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	334349	20.000	ng	0.00
76) Chrysene-d12	13.957	240	235381	20.000	ng	0.00
86) Perylene-d12	15.410	264	189950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	741877	137.000	ng	0.01
7) Phenol-d6	6.434	99	922834	134.832	ng	0.00
23) Nitrobenzene-d5	7.357	82	612839	92.462	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	263972	137.995	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1146843	92.785	ng	0.00
79) Terphenyl-d14	12.904	244	1370670	98.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	90791	41.657	ng	99
3) Pyridine	3.316	79	213018	41.073	ng	99
4) n-Nitrosodimethylamine	3.263	42	147515	42.956	ng	100
6) Aniline	6.451	93	229878	35.805	ng	92
8) 2-Chlorophenol	6.575	128	264156	45.145	ng	99
9) Benzaldehyde	6.340	77	182553	50.192	ng	98
10) Phenol	6.445	94	313580	44.020	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	236451	44.191	ng	99
12) 1,3-Dichlorobenzene	6.728	146	269319	43.598	ng	99
13) 1,4-Dichlorobenzene	6.804	146	275542	43.657	ng	100
14) 1,2-Dichlorobenzene	6.957	146	263017	44.900	ng	99
15) Benzyl Alcohol	6.934	79	226343	43.125	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	403966	44.105	ng	84
17) 2-Methylphenol	7.051	107	203861	44.521	ng	98
18) Hexachloroethane	7.298	117	105665	45.237	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	181427	44.315	ng	100
20) 3+4-Methylphenols	7.204	107	264276	45.414	ng	98
22) Acetophenone	7.198	105	403625	46.935	ng	99
24) Nitrobenzene	7.375	77	278874	43.148	ng	99
25) Isophorone	7.610	82	490509	46.414	ng	99
26) 2-Nitrophenol	7.687	139	141721	44.074	ng	98
27) 2,4-Dimethylphenol	7.728	122	209718	55.829	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	297572	43.942	ng	99
29) 2,4-Dichlorophenol	7.934	162	220070	43.360	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	237143	42.906	ng	99
31) Naphthalene	8.092	128	756556	42.042	ng	100
32) Benzoic acid	7.863	122	183144	46.938	ng	98
33) 4-Chloroaniline	8.145	127	103836	16.527	ng	97
34) Hexachlorobutadiene	8.210	225	143575	43.271	ng	98
35) Caprolactam	8.516	113	76513m	49.512	ng	
36) 4-Chloro-3-methylphenol	8.634	107	244926	43.564	ng	99
37) 2-Methylnaphthalene	8.787	142	483722	41.308	ng	100
38) 1-Methylnaphthalene	8.881	142	469009	41.353	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	261229	47.416	ng	99
41) Hexachlorocyclopentadiene	8.939	237	290884	158.743	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	155219	43.592	ng	100

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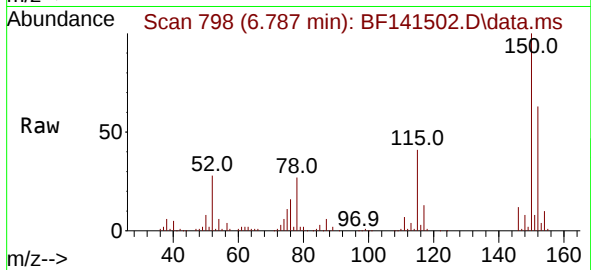
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	166752	43.211	ng	98
46) 1,1'-Biphenyl	9.251	154	691703	46.853	ng	99
47) 2-Chloronaphthalene	9.275	162	481653	44.119	ng	98
48) 2-Nitroaniline	9.369	65	163115	44.521	ng	97
49) Acenaphthylene	9.686	152	738260	45.465	ng	100
50) Dimethylphthalate	9.551	163	565865	43.772	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124153	43.932	ng	100
52) Acenaphthene	9.863	154	463315	42.441	ng	99
53) 3-Nitroaniline	9.781	138	68550	22.537	ng	97
54) 2,4-Dinitrophenol	9.898	184	164968	98.219	ng	95
55) Dibenzofuran	10.033	168	670050	41.817	ng	100
56) 4-Nitrophenol	9.963	139	214465	94.983	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175190	46.566	ng	98
58) Fluorene	10.375	166	533385	43.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146865	44.205	ng	97
60) Diethylphthalate	10.251	149	545278	42.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256786	43.082	ng	99
62) 4-Nitroaniline	10.404	138	127085	41.147	ng	99
63) Azobenzene	10.528	77	530524	41.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	104179	44.855	ng	99
66) n-Nitrosodiphenylamine	10.492	169	470625	43.972	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	162438	43.470	ng	97
68) Hexachlorobenzene	10.922	284	171632	44.604	ng	98
69) Atrazine	11.022	200	179738	55.978	ng	99
70) Pentachlorophenol	11.122	266	214347	87.118	ng	100
71) Phenanthrene	11.339	178	805732	43.779	ng	100
72) Anthracene	11.392	178	836681	45.224	ng	100
73) Carbazole	11.545	167	729093	43.797	ng	100
74) Di-n-butylphthalate	11.880	149	843535	43.885	ng	100
75) Fluoranthene	12.527	202	847916	43.456	ng	100
77) Benzidine	12.651	184	310473	59.808	ng	99
78) Pyrene	12.757	202	883274	44.082	ng	100
80) Butylbenzylphthalate	13.380	149	339236	48.879	ng	99
81) Benzo(a)anthracene	13.945	228	721820	46.133	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	134663	30.045	ng	100
83) Chrysene	13.986	228	616524	42.674	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419441	53.585	ng	100
85) Di-n-octyl phthalate	14.557	149	571019	51.136	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	533785	45.480	ng	99
88) Benzo(b)fluoranthene	14.992	252	517921	40.608	ng	100
89) Benzo(k)fluoranthene	15.021	252	523291	48.048	ng	99
90) Benzo(a)pyrene	15.351	252	486823	47.171	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	433758	45.610	ng	99
92) Benzo(g,h,i)perylene	17.286	276	415345	41.735	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

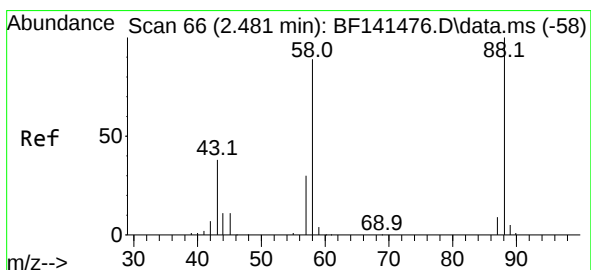
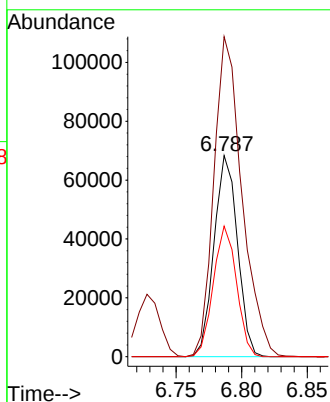
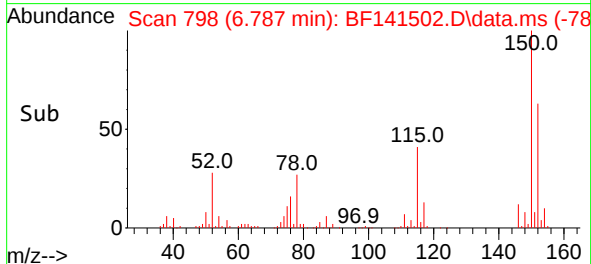
Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD



Tgt Ion:152 Resp: 84890
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.0 187.4
 115 64.9 53.6 80.4

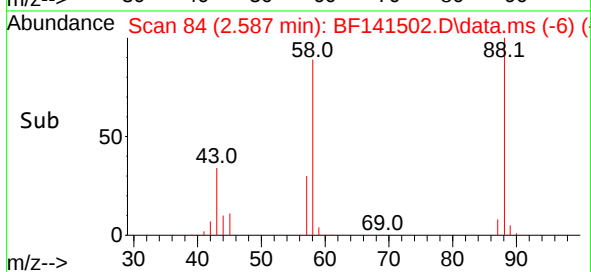
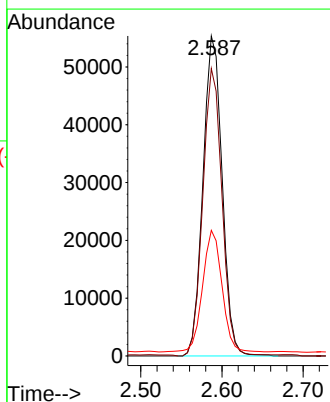
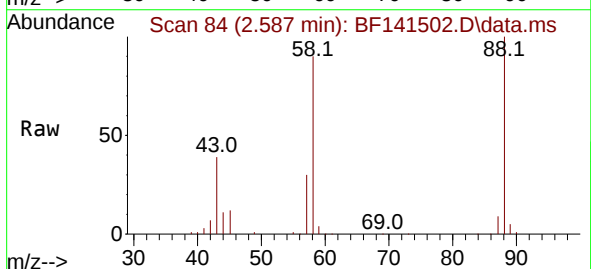
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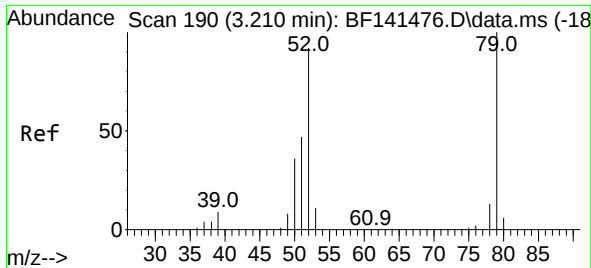
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#2
 1,4-Dioxane
 Concen: 41.657 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

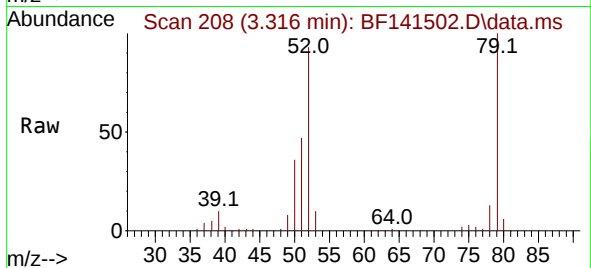
Tgt Ion: 88 Resp: 90791
 Ion Ratio Lower Upper
 88 100
 58 90.3 71.1 106.7
 43 38.3 30.6 46.0





#3
Pyridine
Concen: 41.073 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.100 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

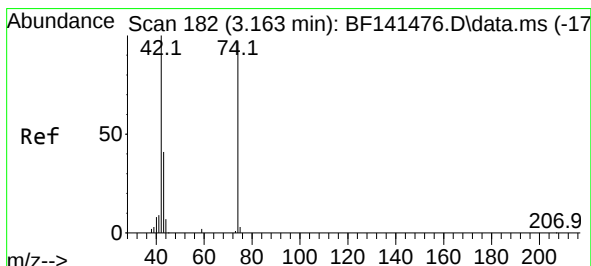
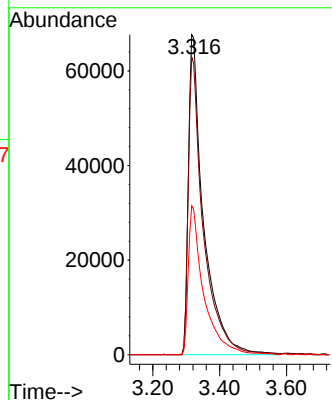
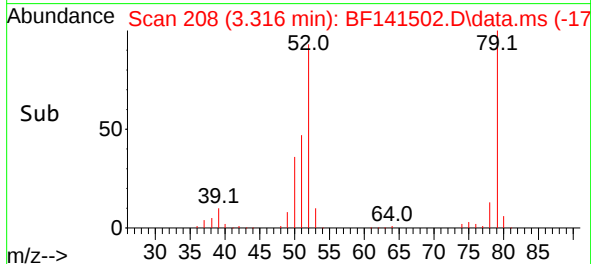
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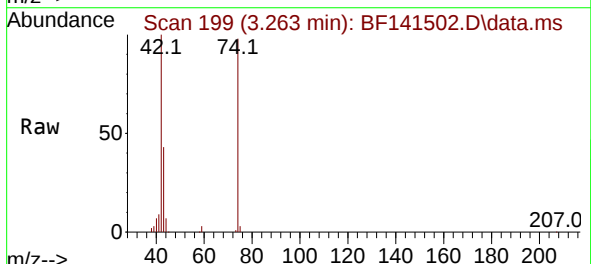
Tgt Ion: 79 Resp: 213018
Ion Ratio Lower Upper
79 100
52 93.0 73.7 110.5
51 46.5 37.5 56.3

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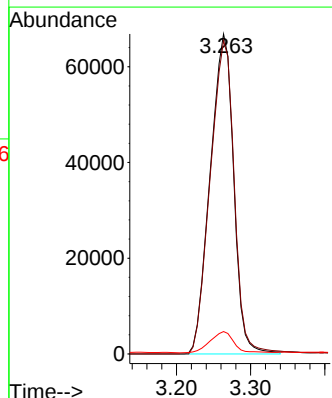
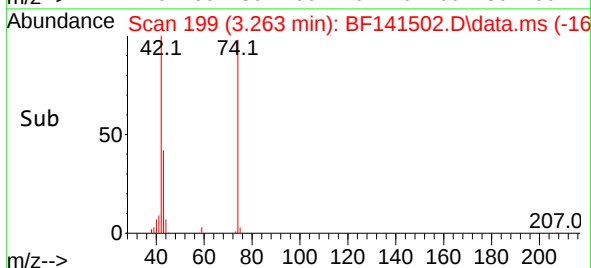
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#4
n-Nitrosodimethylamine
Concen: 42.956 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.077 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion: 42 Resp: 147515
Ion Ratio Lower Upper
42 100
74 97.9 78.0 117.0
44 7.0 5.4 8.2





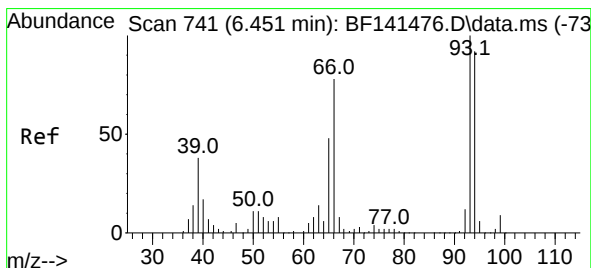
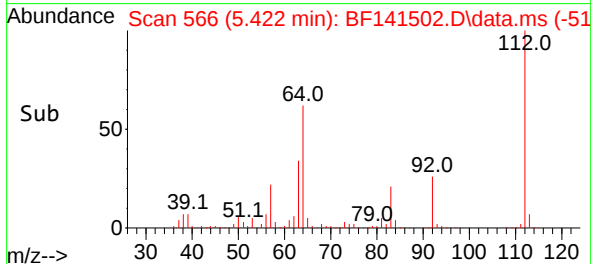
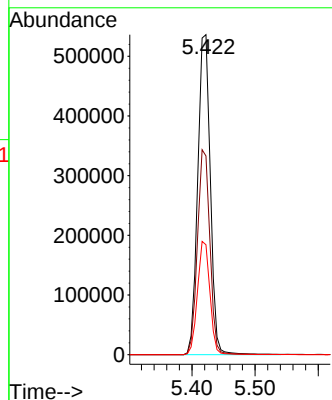
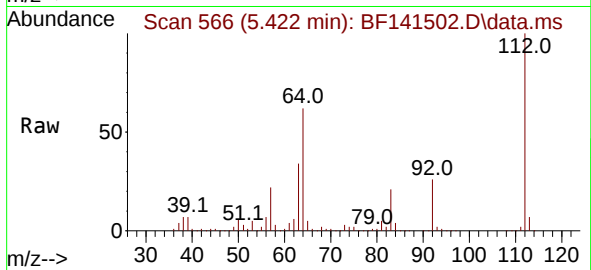
#5
2-Fluorophenol
Concen: 137.000 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :
BNA_F
ClientSampleId :
PB166567BSD

Tgt Ion:112 Resp: 74187
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 34.4 28.4 42.6

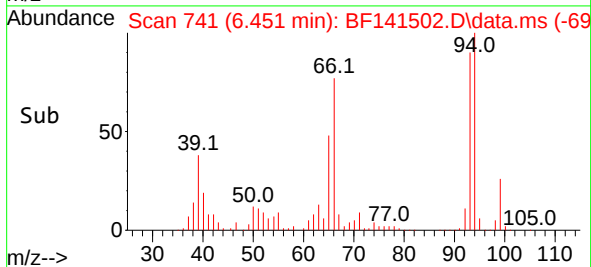
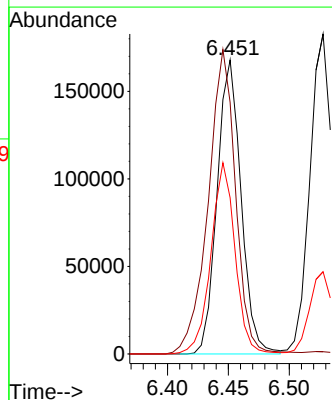
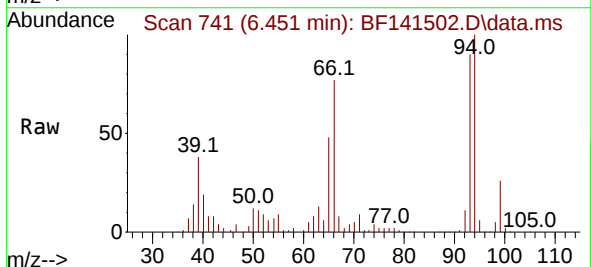
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#6
Aniline
Concen: 35.805 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

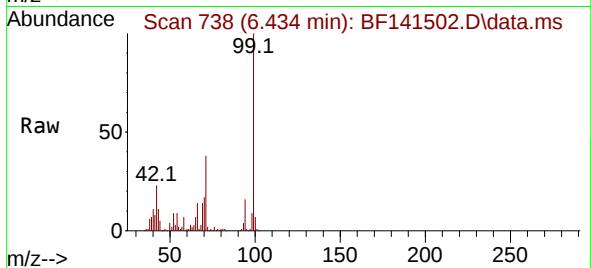
Tgt Ion: 93 Resp: 229878
Ion Ratio Lower Upper
93 100
66 85.5 62.6 94.0
65 53.1 38.3 57.5





#7
Phenol-d6
Concen: 134.832 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

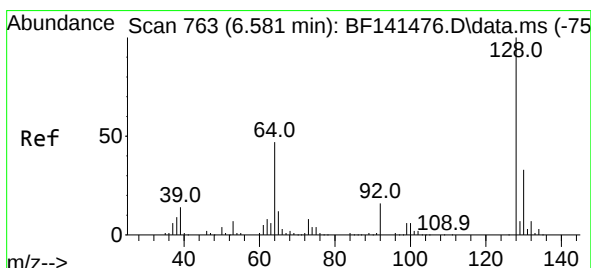
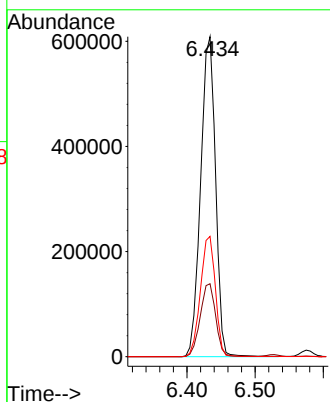
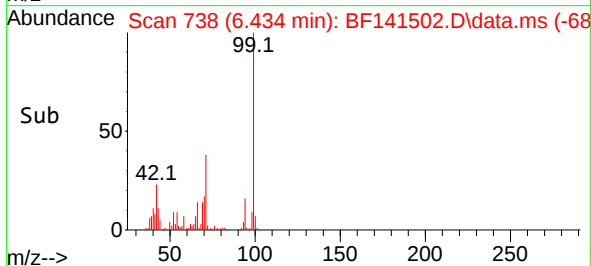
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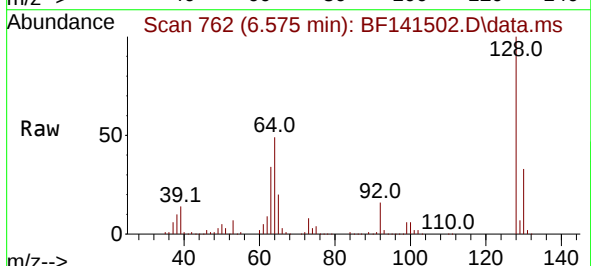
Tgt Ion: 99 Resp: 922834
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 37.6 31.1 46.7

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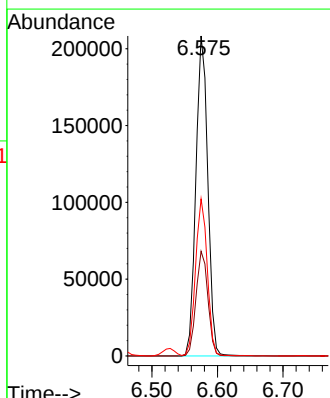
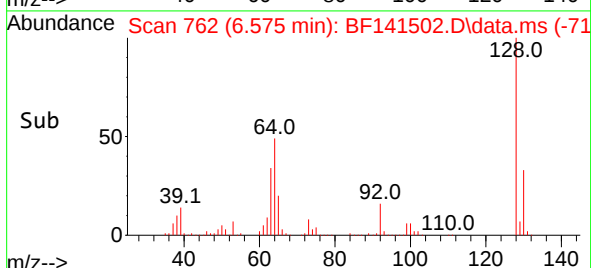
Reviewed By :Anahy Claudio 02/10/2025
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#8
2-Chlorophenol
Concen: 45.145 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141502.D
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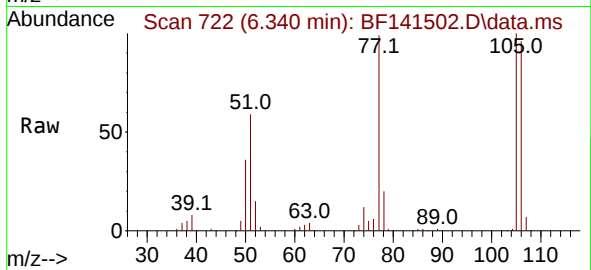
Tgt Ion:128 Resp: 264156
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 49.1 28.3 68.3





#9
Benzaldehyde
Concen: 50.192 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

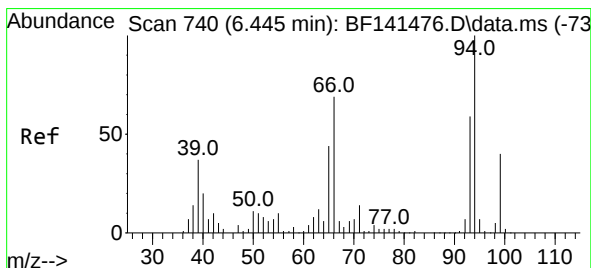
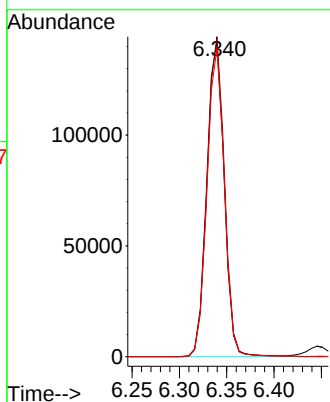
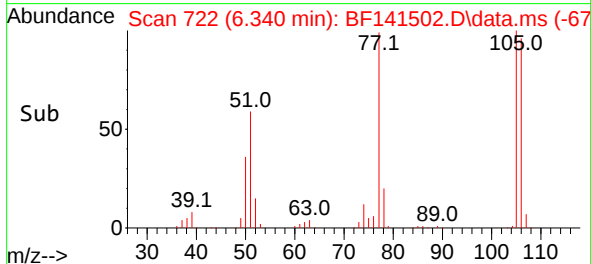
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



Tgt Ion: 77 Resp: 18255
Ion Ratio Lower Upper
77 100
105 101.3 79.4 119.4
106 97.7 75.1 115.1

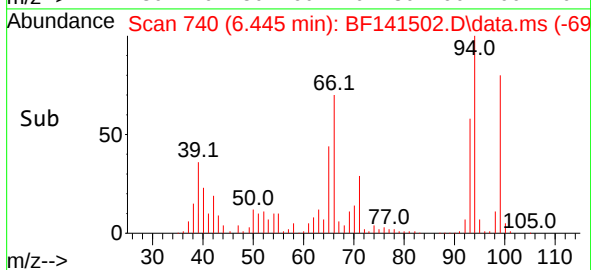
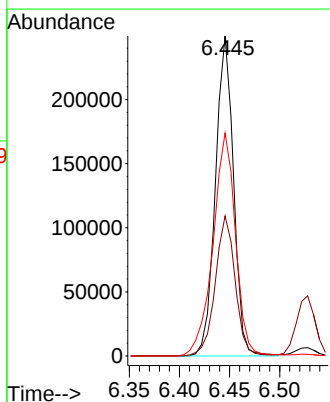
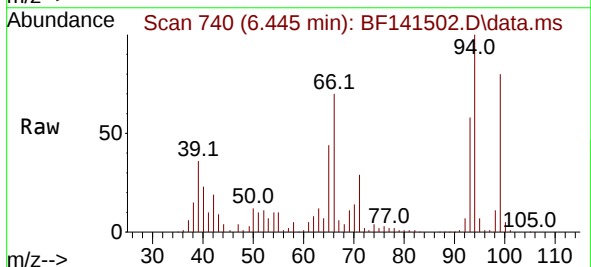
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#10
Phenol
Concen: 44.020 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

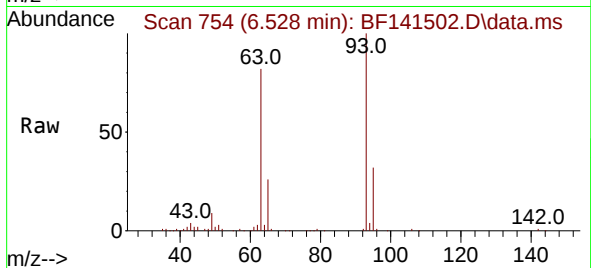
Tgt Ion: 94 Resp: 313580
Ion Ratio Lower Upper
94 100
65 43.8 23.7 63.7
66 69.6 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 44.191 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

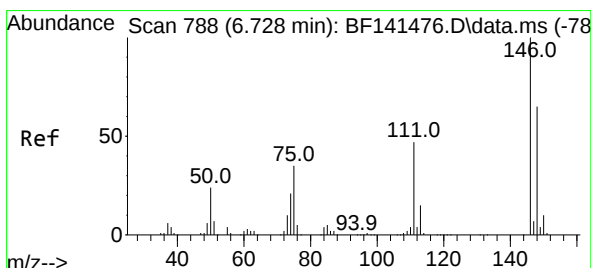
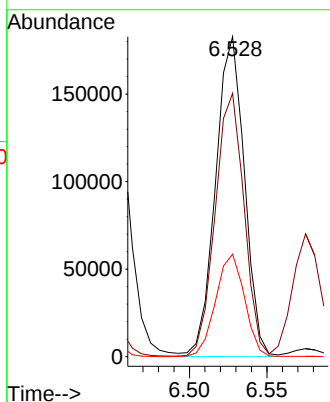
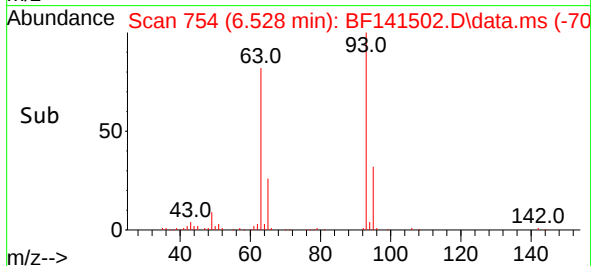
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



Tgt Ion: 93 Resp: 23645
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.0 12.6 52.6

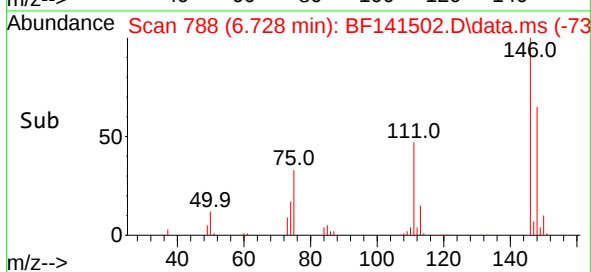
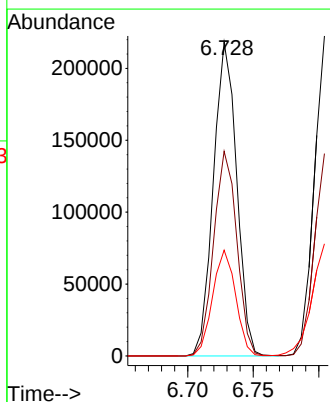
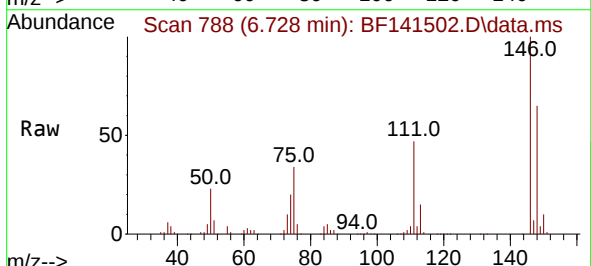
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 43.598 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:146 Resp: 269319
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 33.7 28.2 42.2





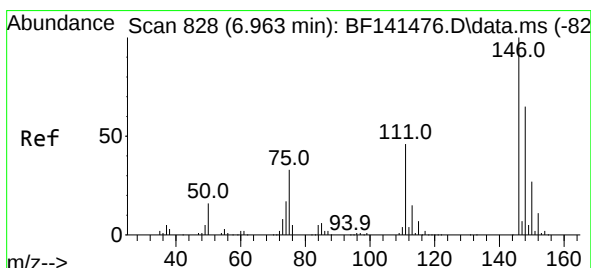
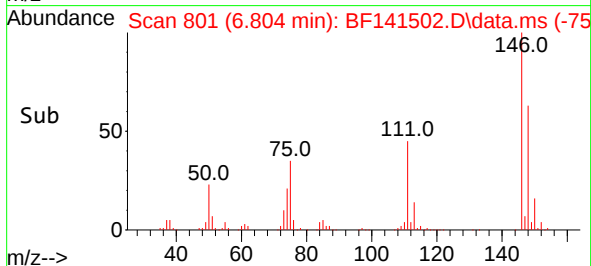
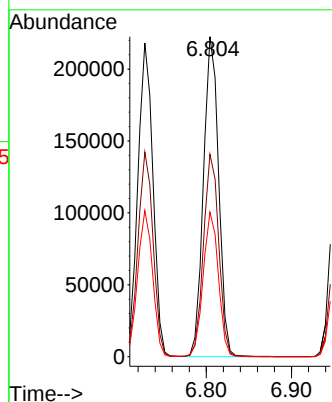
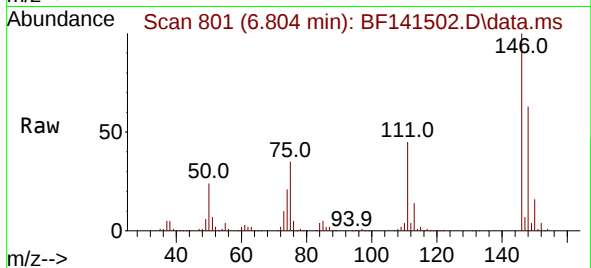
#13
1,4-Dichlorobenzene
Concen: 43.657 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :
BNA_F
ClientSampleId :
PB166567BSD

Tgt Ion:146 Resp: 27554
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 45.2 35.9 53.9

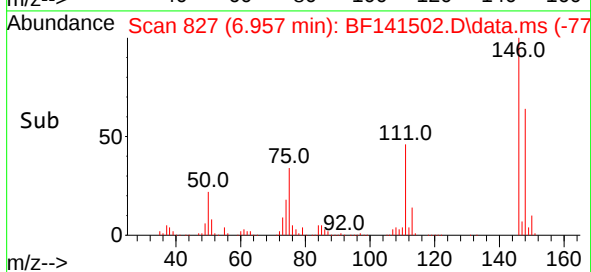
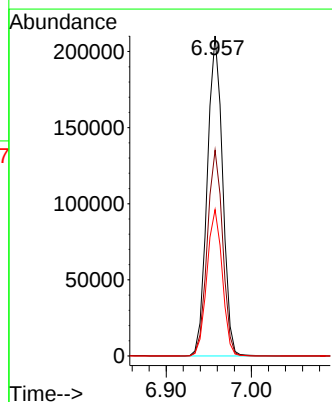
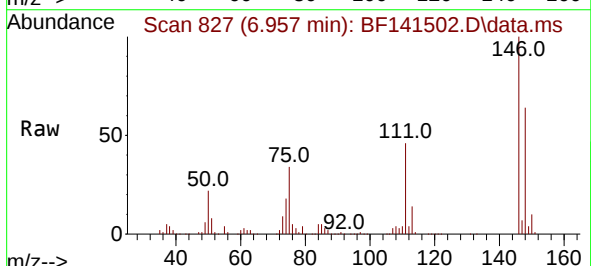
Manual Integrations
APPROVED

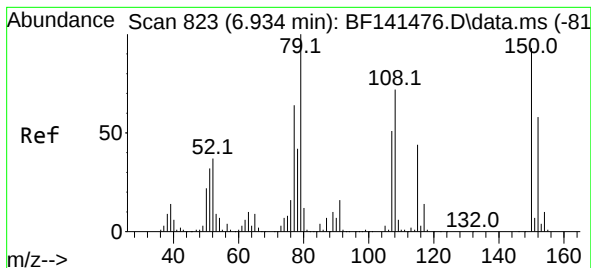
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 44.900 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:146 Resp: 263017
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 45.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 43.125 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion: 79 Resp: 22634

Ion Ratio Lower Upper

79 100

108 73.9 57.4 86.2

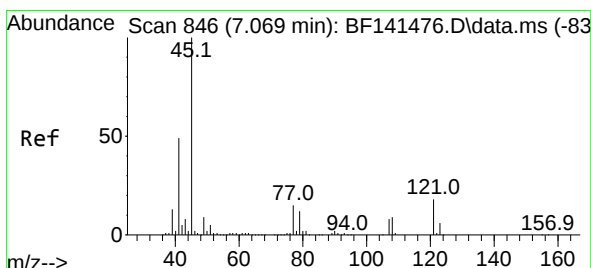
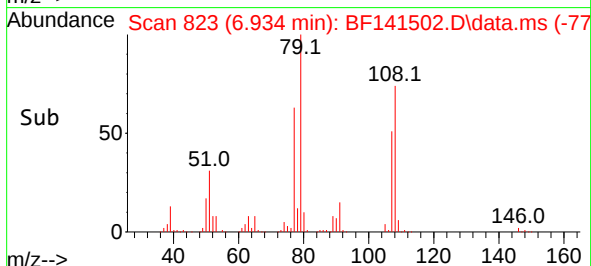
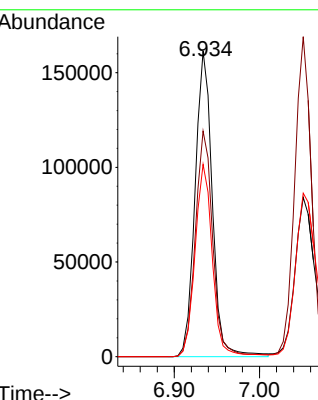
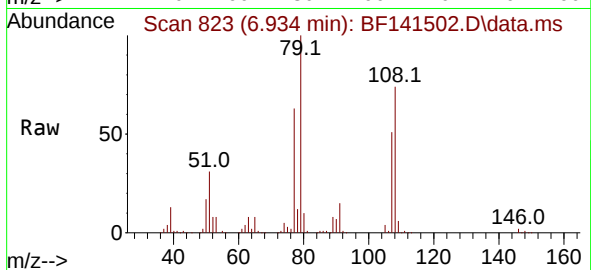
77 62.9 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.105 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

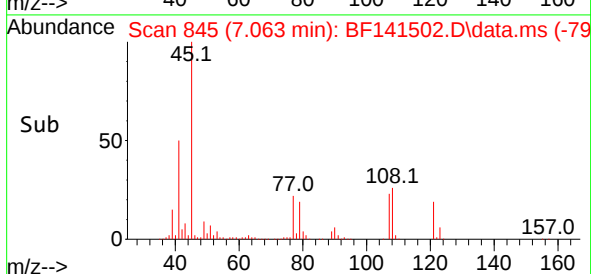
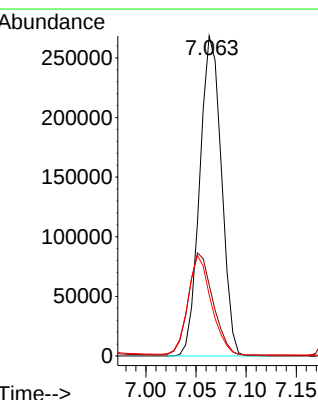
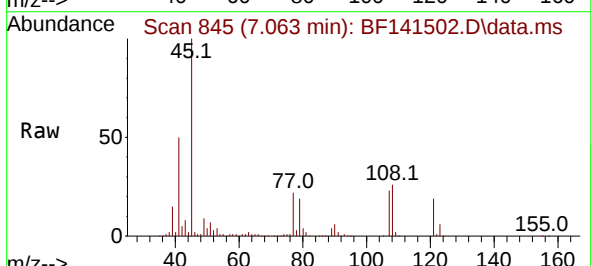
Tgt Ion: 45 Resp: 403966

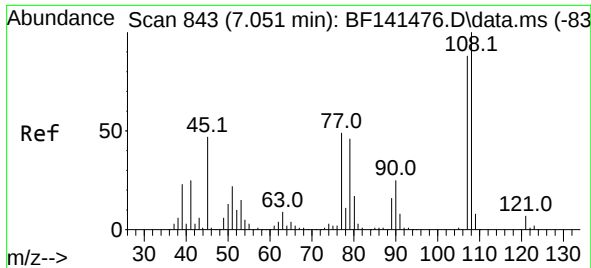
Ion Ratio Lower Upper

45 100

77 22.3 0.0 35.8

79 19.1 0.0 32.7





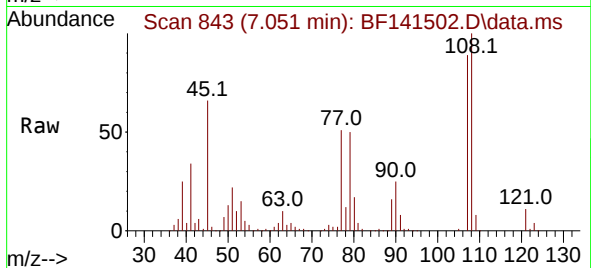
#17
2-Methylphenol
Concen: 44.521 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

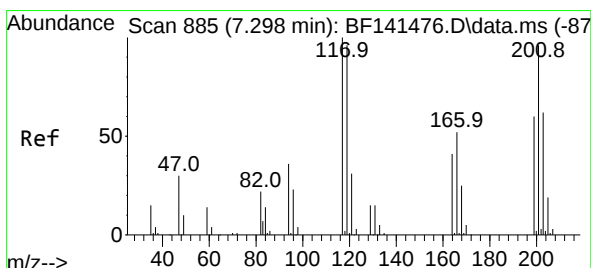
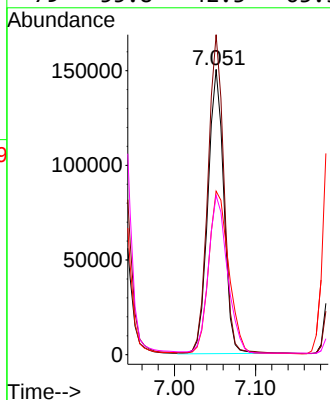
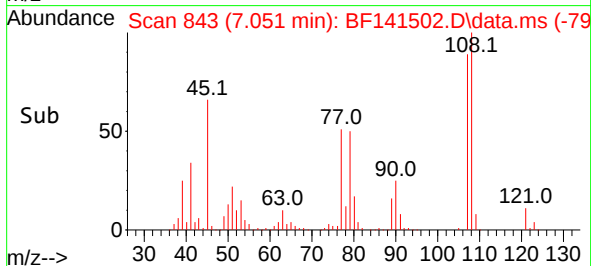


Tgt Ion:107 Resp: 20386
Ion Ratio Lower Upper
107 100
108 112.2 90.6 136.0
77 57.4 44.4 66.6
79 55.8 42.3 63.5

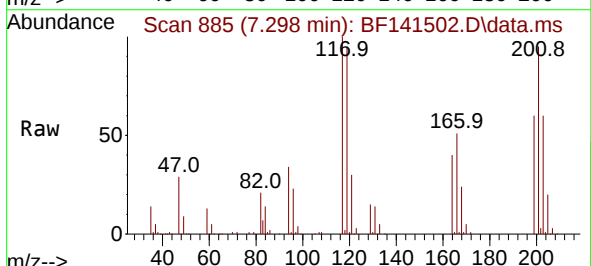
Manual Integrations

APPROVED

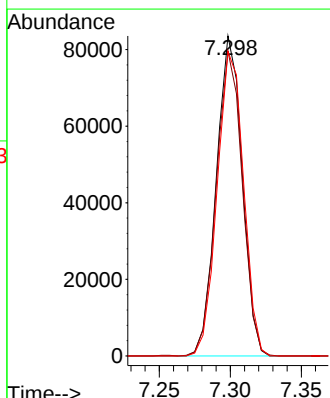
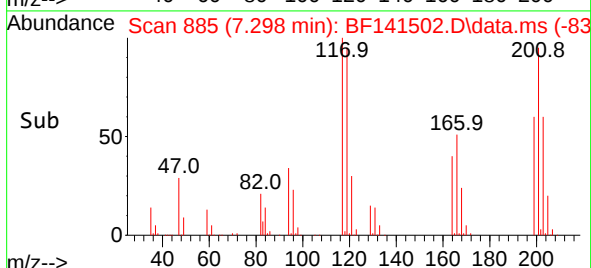
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

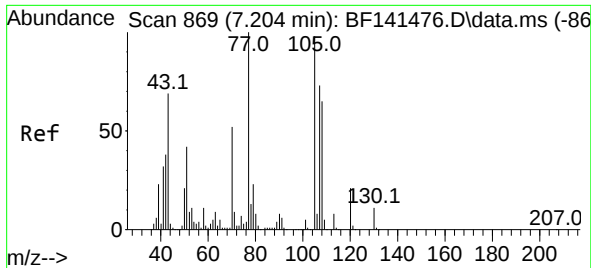


#18
Hexachloroethane
Concen: 45.237 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



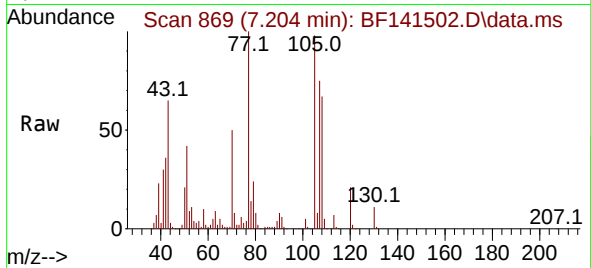
Tgt Ion:117 Resp: 105665
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
201 95.2 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.315 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

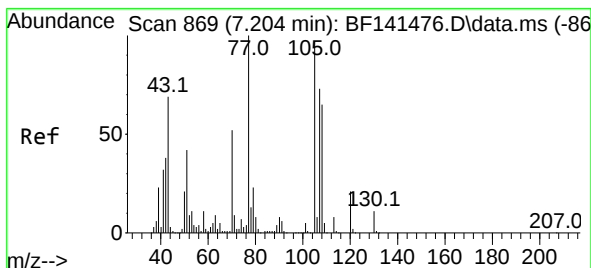
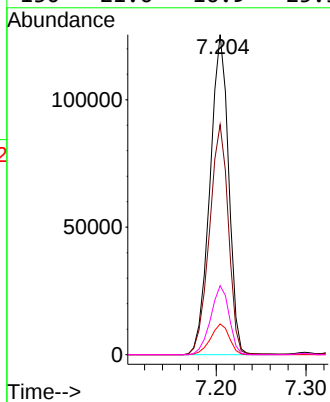
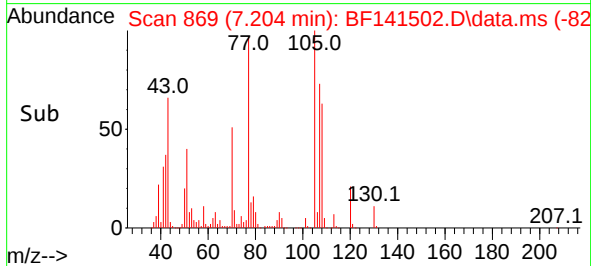
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



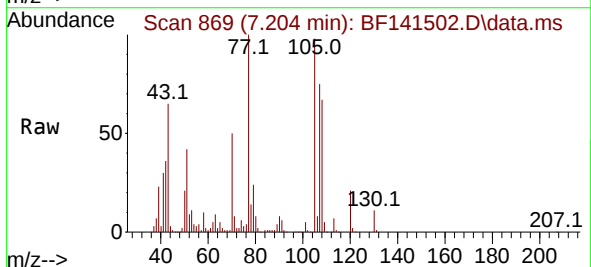
Tgt Ion: 70 Resp: 181427
Ion Ratio Lower Upper
70 100
42 71.9 57.4 86.2
101 9.6 8.0 12.0
130 21.6 16.9 25.3

Manual Integrations
APPROVED

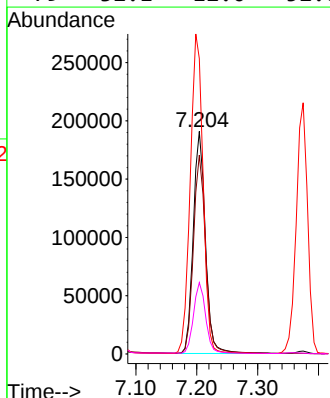
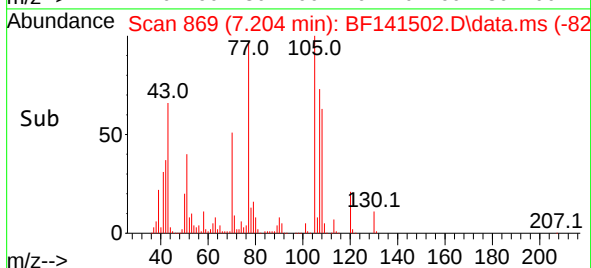
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

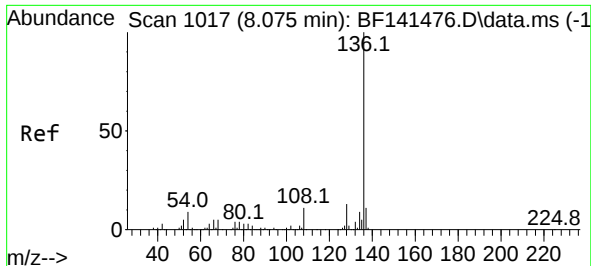


#20
3+4-Methylphenols
Concen: 45.414 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:107 Resp: 264276
Ion Ratio Lower Upper
107 100
108 89.4 68.5 108.5
77 132.8 116.5 156.5
79 32.1 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

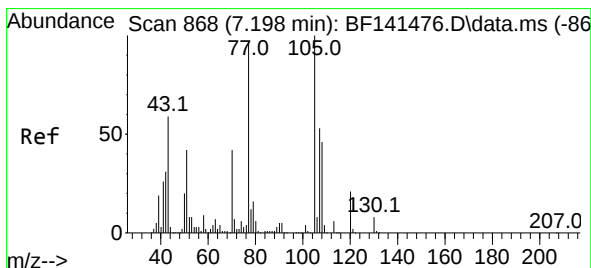
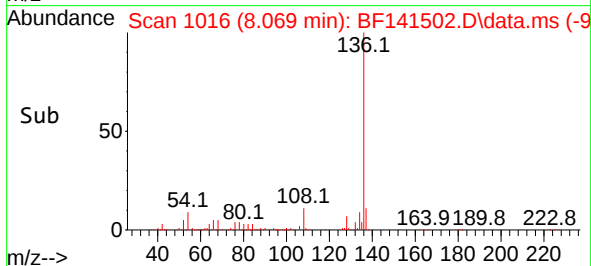
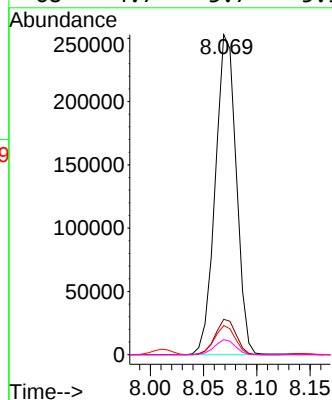
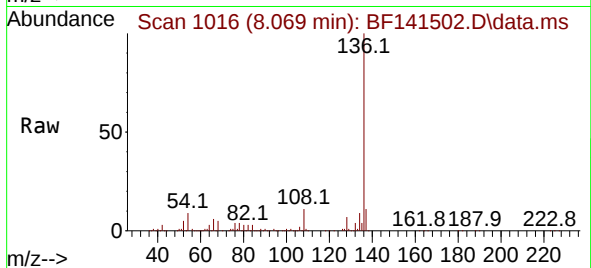
PB166567BSD

Tgt Ion:136 Resp: 34570
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 7.2 10.8
68 4.7 3.7 5.5

Manual Integrations

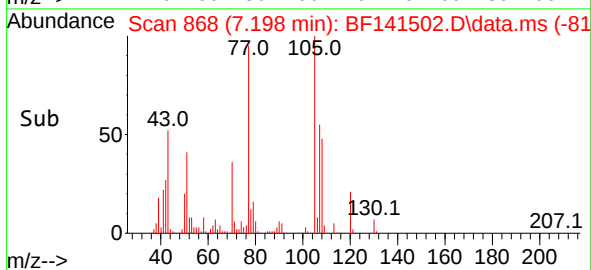
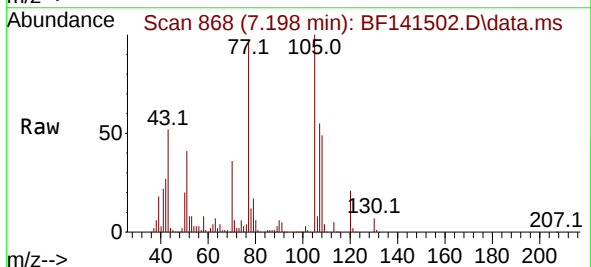
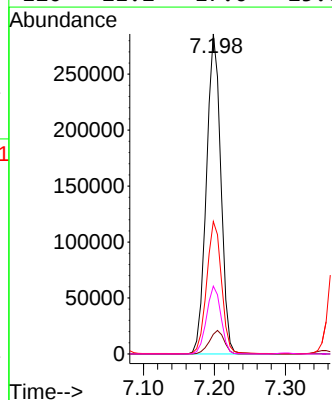
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 46.935 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:105 Resp: 403625
Ion Ratio Lower Upper
105 100
71 6.2 5.7 8.5
51 41.4 33.7 50.5
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 92.462 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

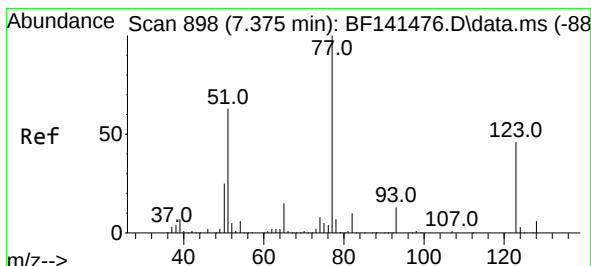
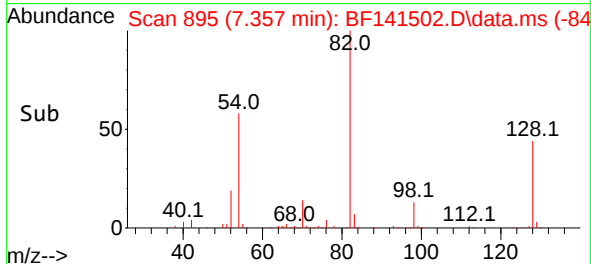
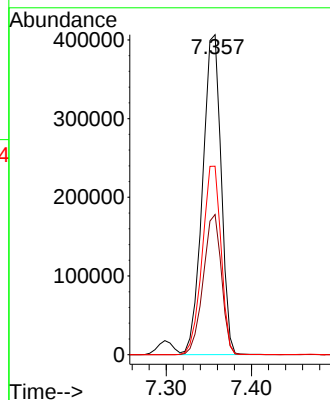
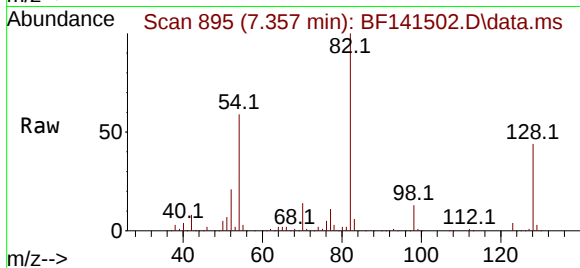
Tgt Ion: 82 Resp: 612839

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	58.9	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 43.148 ng

RT: 7.375 min Scan# 898

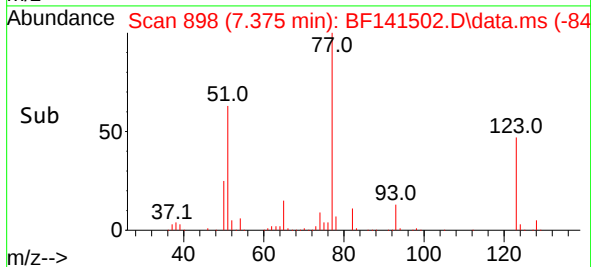
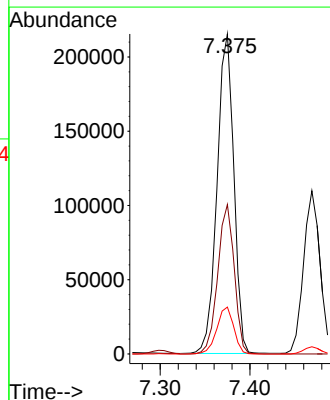
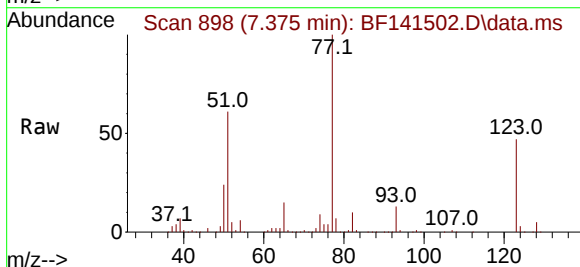
Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Tgt Ion: 77 Resp: 278874

Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.9	55.3
65	14.7	11.9	17.9





#25
Isophorone
Concen: 46.414 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

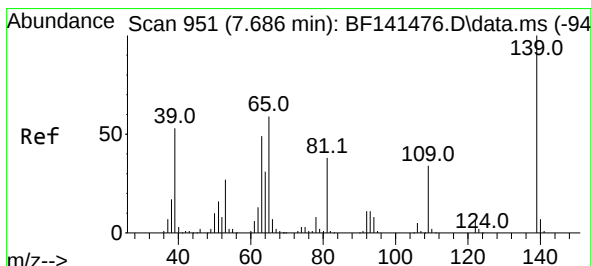
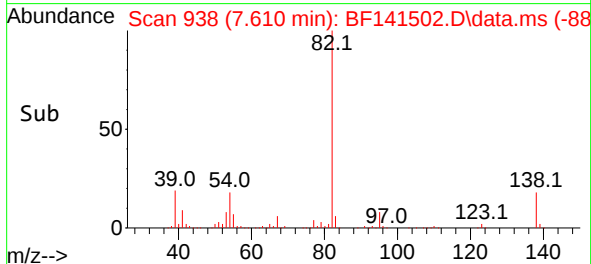
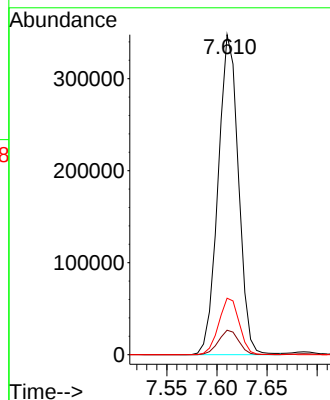
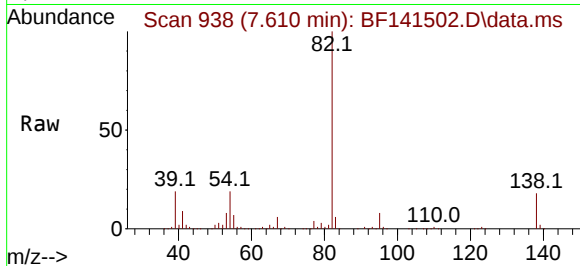
ClientSampleId :

PB166567BSD

Tgt Ion: 82 Resp: 490509
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 13.9 20.9

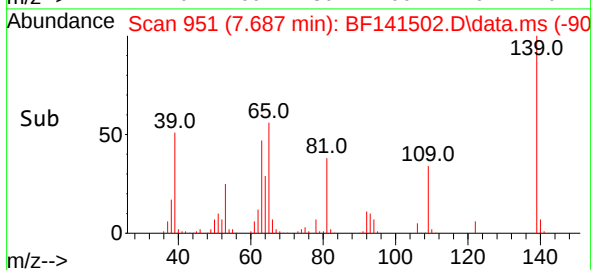
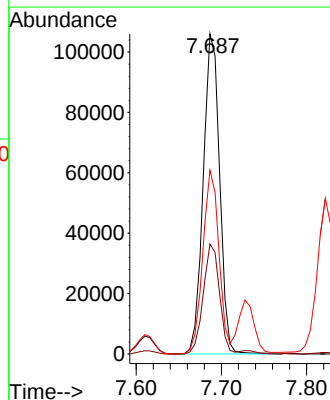
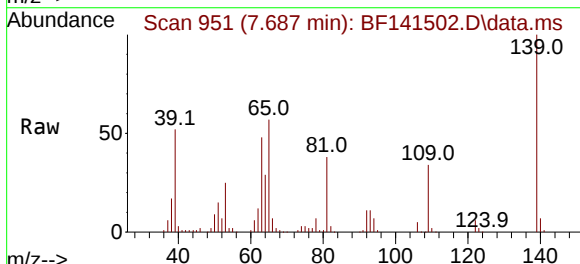
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 44.074 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:139 Resp: 141721
Ion Ratio Lower Upper
139 100
109 34.3 27.0 40.6
65 57.4 47.1 70.7





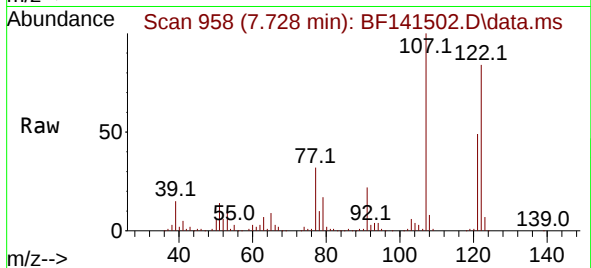
#27
2,4-Dimethylphenol
Concen: 55.829 ng
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

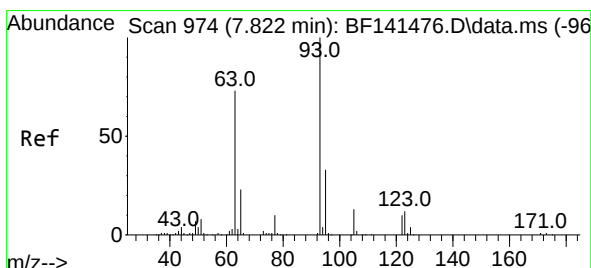
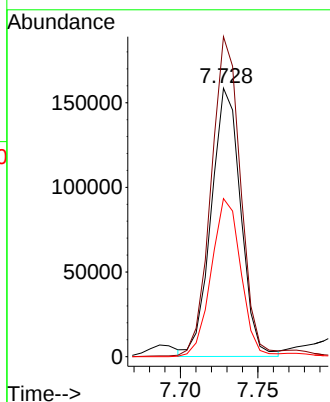
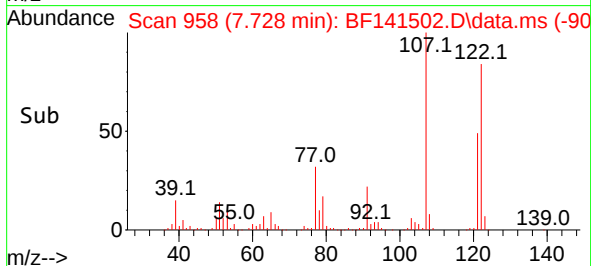


Tgt Ion:122 Resp: 209718
Ion Ratio Lower Upper
122 100
107 119.2 94.3 141.5
121 58.9 46.0 69.0

Manual Integrations

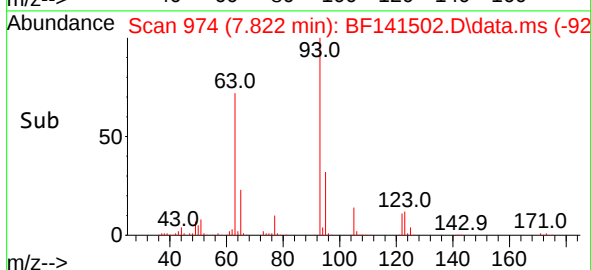
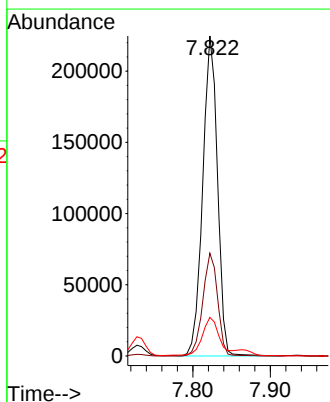
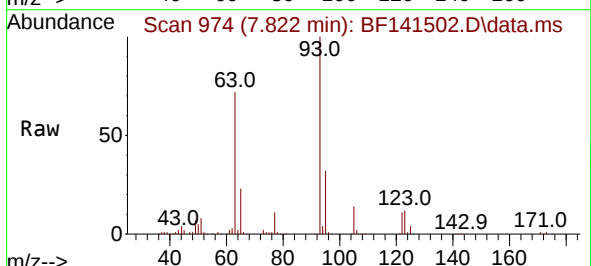
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.942 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion: 93 Resp: 297572
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.360 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141502.D

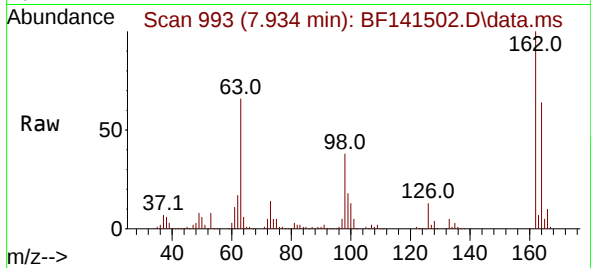
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD



Tgt Ion:162 Resp: 220070

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

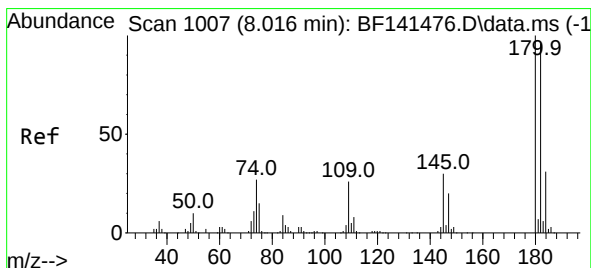
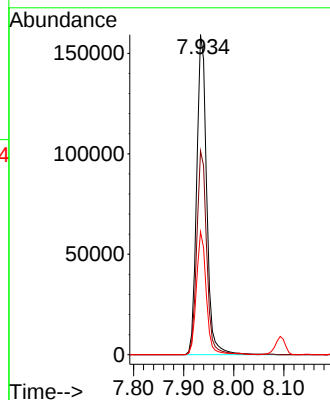
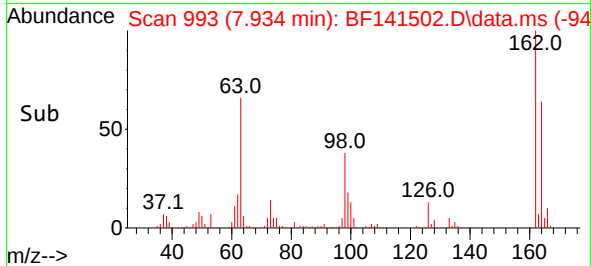
98 38.4 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.906 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

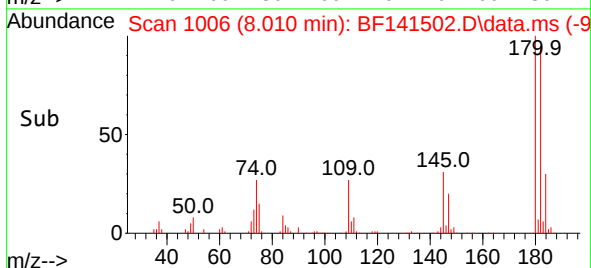
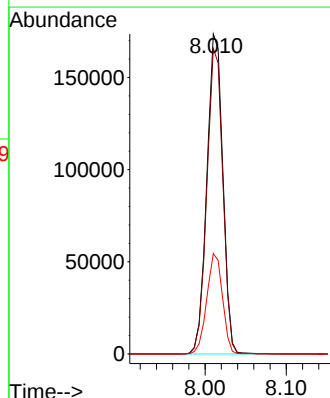
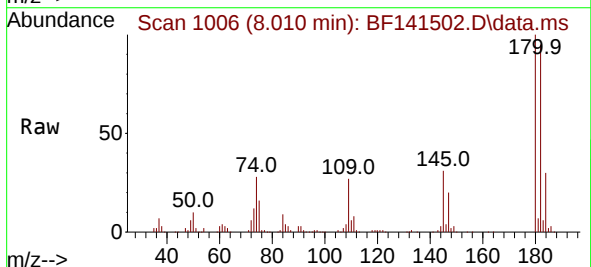
Tgt Ion:180 Resp: 237143

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

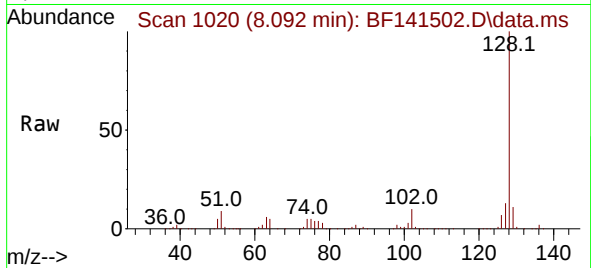
145 31.4 24.2 36.4





#31
Naphthalene
Concen: 42.042 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

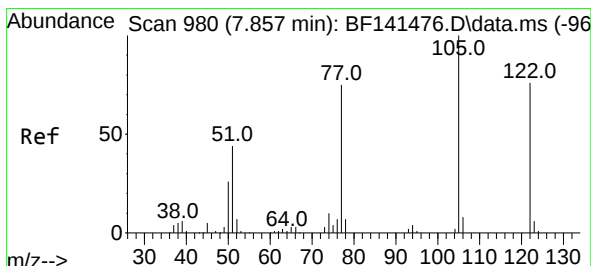
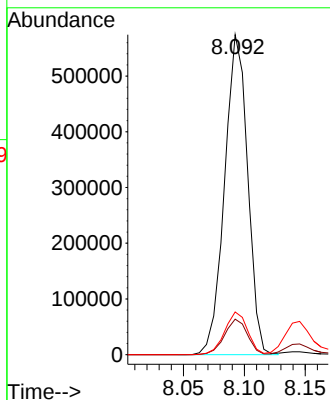
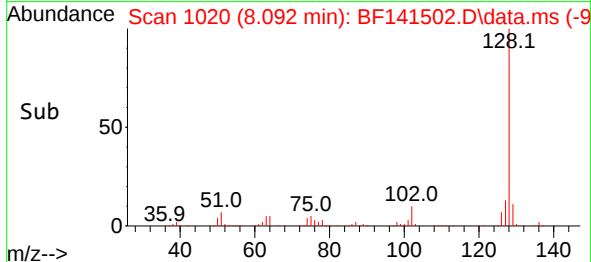
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



Tgt Ion:128 Resp: 756550
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1

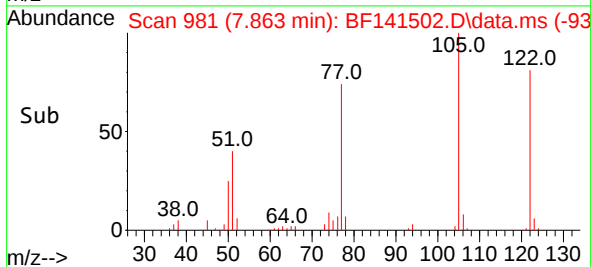
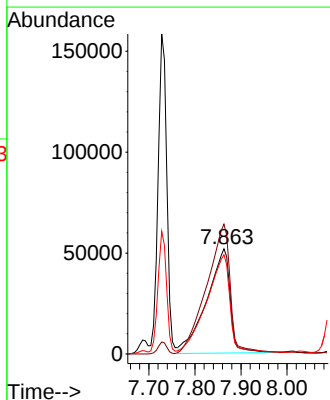
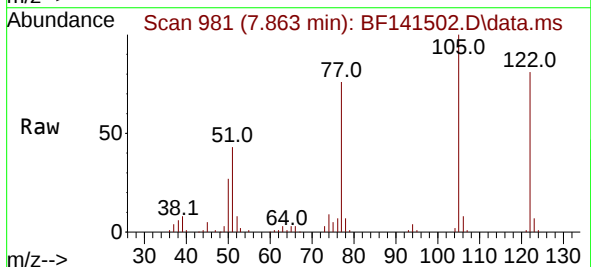
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#32
Benzoic acid
Concen: 46.938 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:122 Resp: 183144
Ion Ratio Lower Upper
122 100
105 123.5 106.5 146.5
77 94.4 76.3 116.3





#33
4-Chloroaniline
Concen: 16.527 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

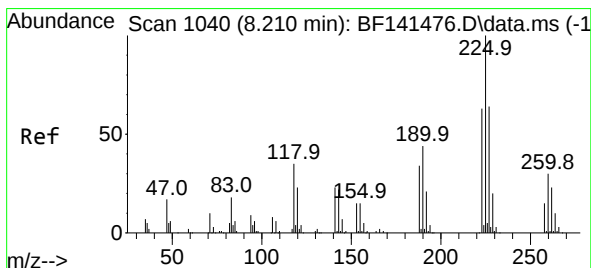
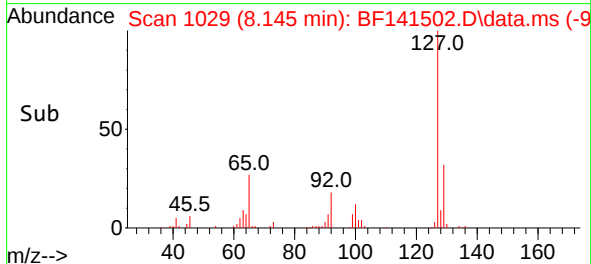
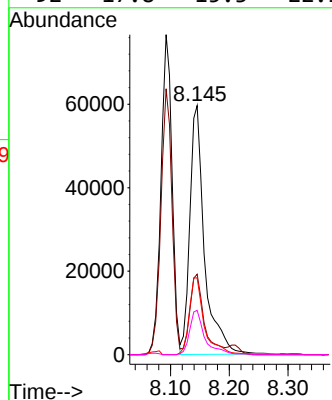
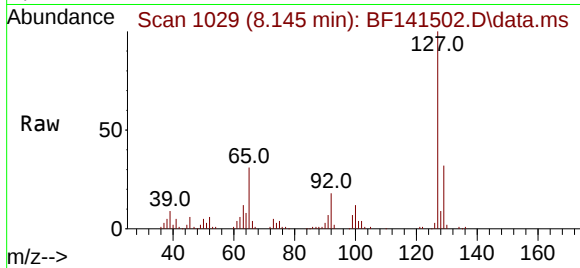
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

Tgt Ion:127 Resp: 103830

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	30.8	26.4	39.6
92	17.8	15.3	22.9

Manual Integrations
APPROVED

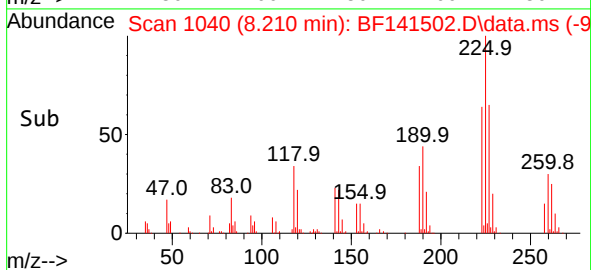
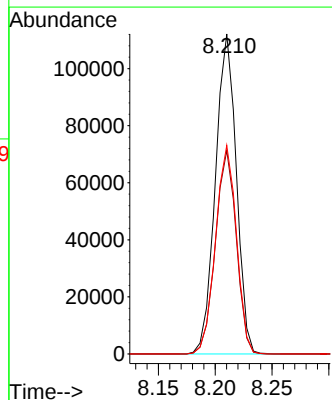
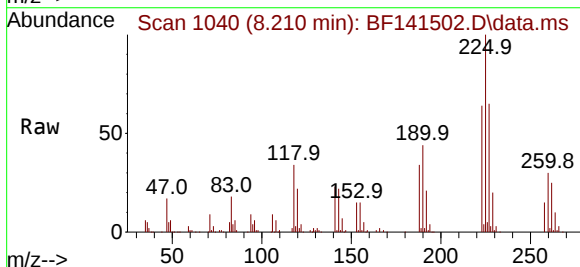
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

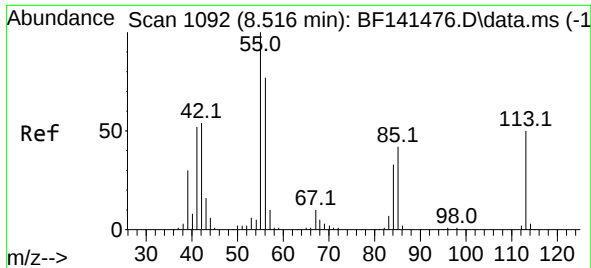


#34
Hexachlorobutadiene
Concen: 43.271 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:225 Resp: 143575

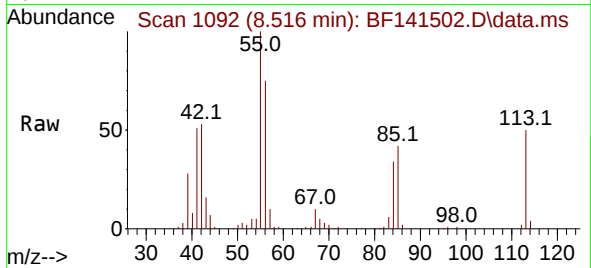
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.1	75.1
227	65.2	51.0	76.6





#35
 Caprolactam
 Concen: 49.512 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

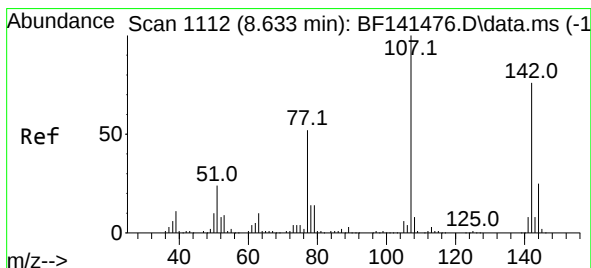
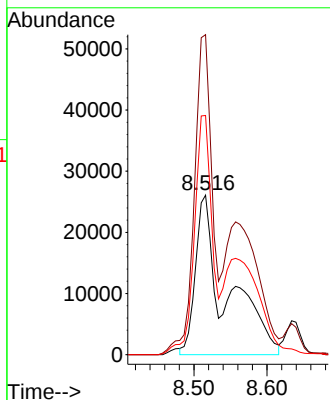
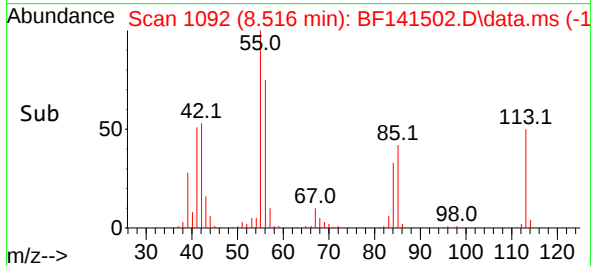
Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD



Tgt Ion:113 Resp: 7651
 Ion Ratio Lower Upper
 113 100
 55 200.6 180.8 220.8
 56 150.0 133.6 173.6

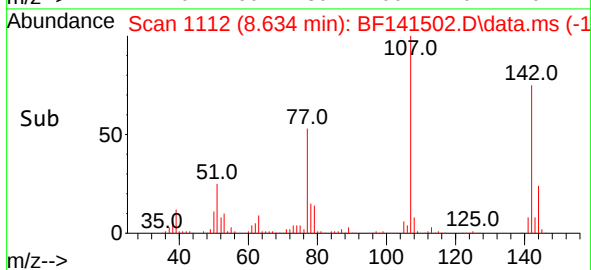
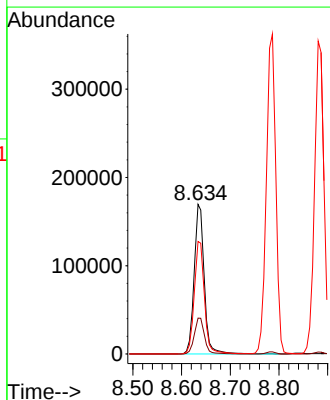
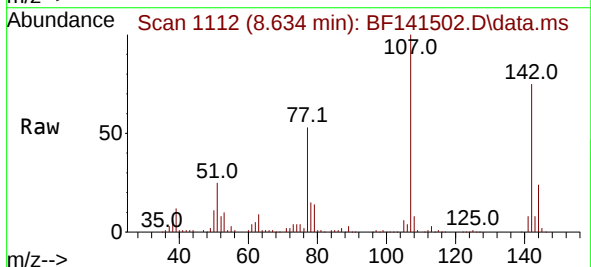
Manual Integrations
 APPROVED

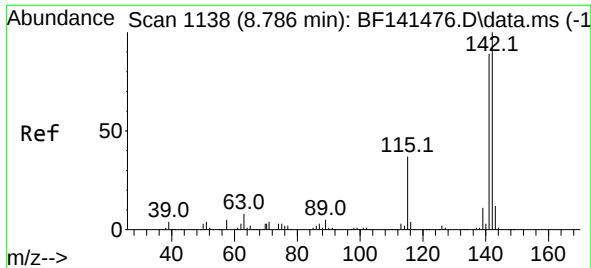
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.564 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

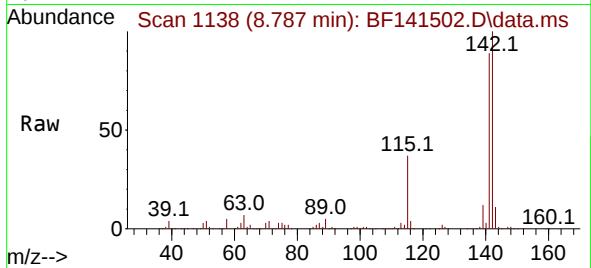
Tgt Ion:107 Resp: 244926
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.7 29.5
 142 75.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.308 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

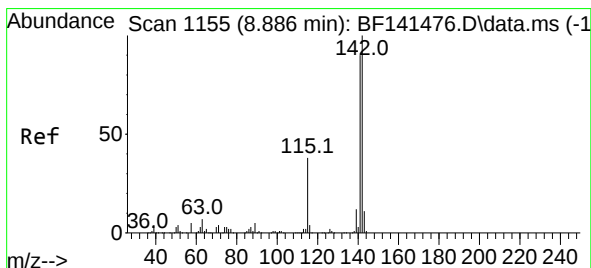
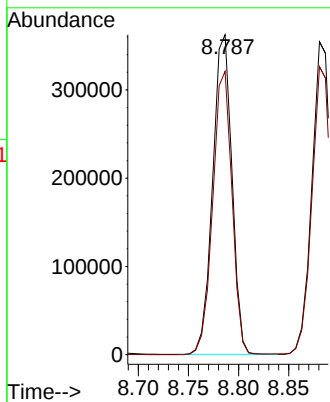
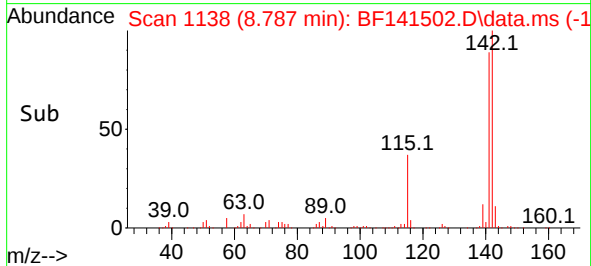
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



Tgt Ion:142 Resp: 48372
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

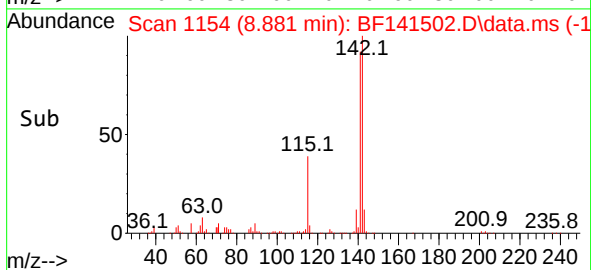
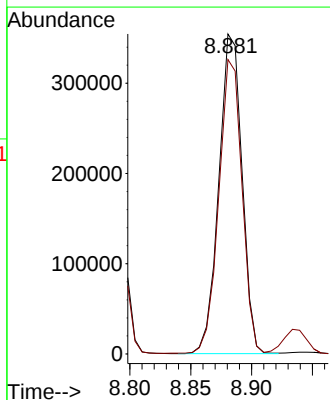
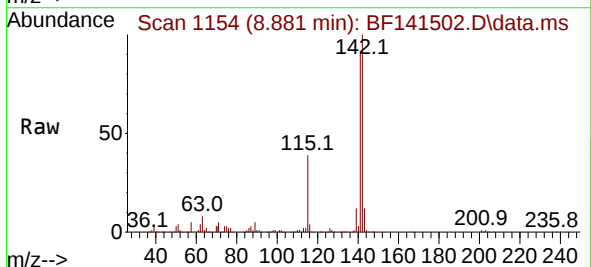
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 41.353 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

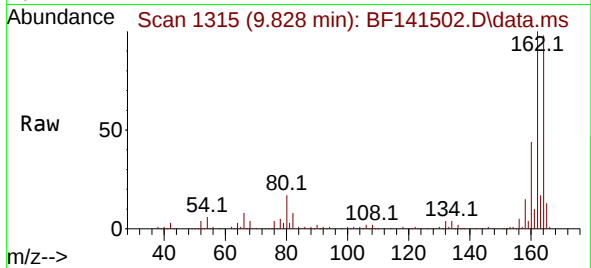
Tgt Ion:142 Resp: 469009
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

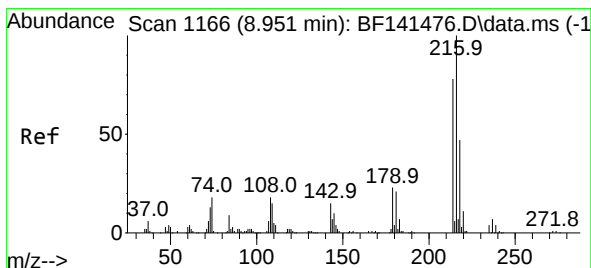
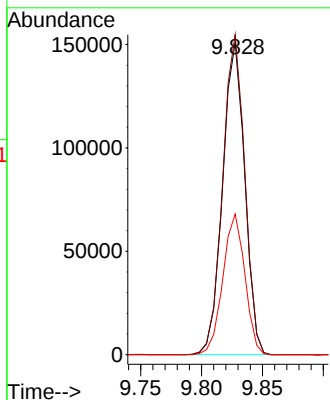
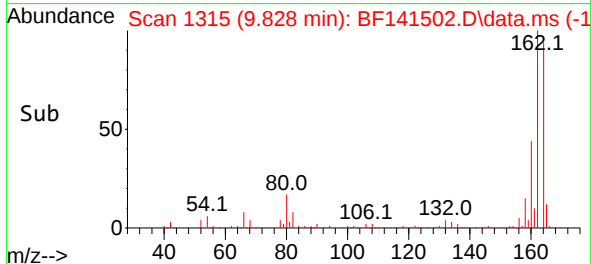
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



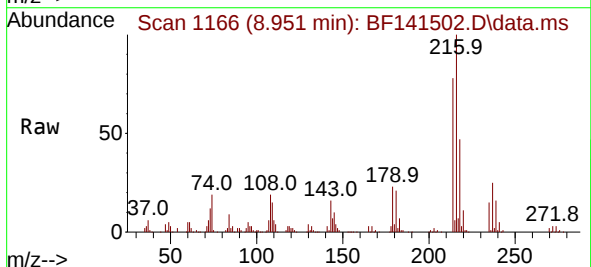
Tgt Ion:164 Resp: 190420
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.1 35.9 53.9

Manual Integrations
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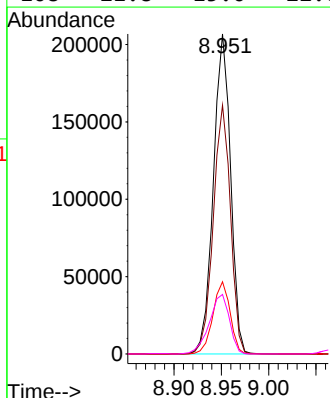
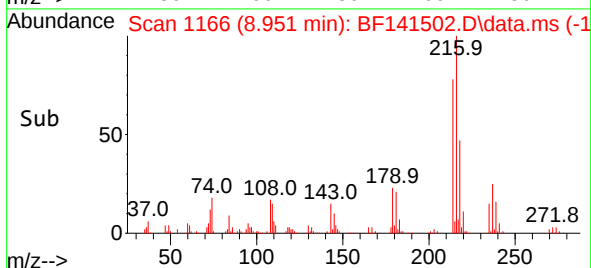
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

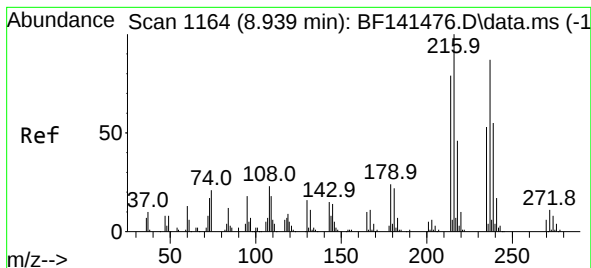


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.416 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:216 Resp: 261229
Ion Ratio Lower Upper
216 100
214 77.7 62.3 93.5
179 22.5 18.0 27.0
108 21.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 158.743 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

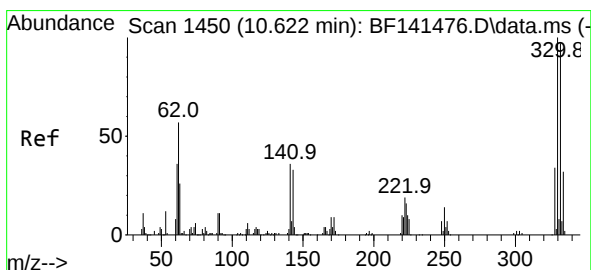
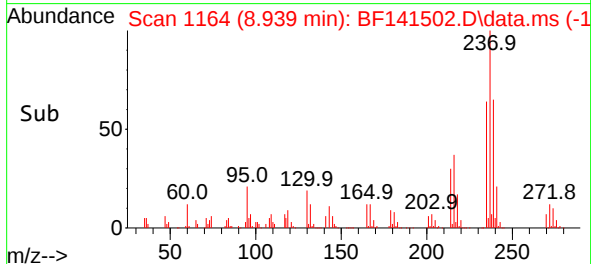
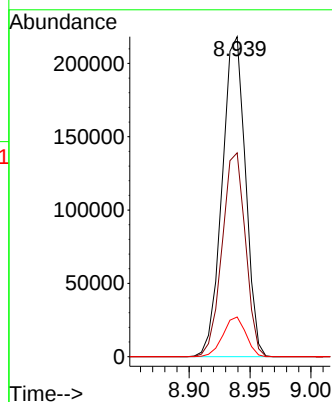
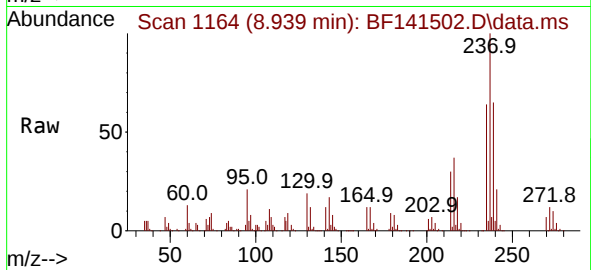
PB166567BSD

Tgt Ion:237 Resp: 290884
 Ion Ratio Lower Upper
 237 100
 235 63.7 41.4 81.4
 272 12.4 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#42

2,4,6-Tribromophenol

Concen: 137.995 ng

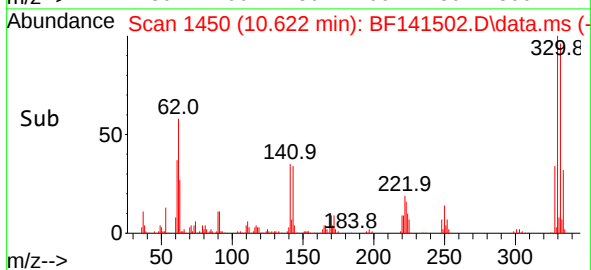
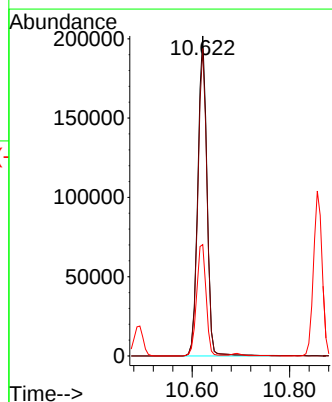
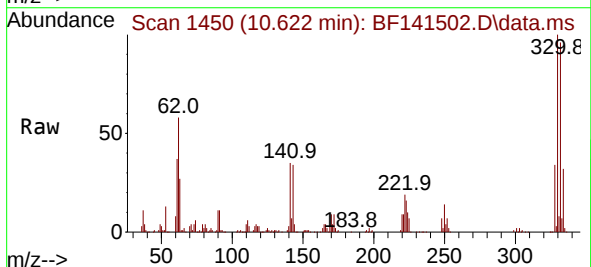
RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

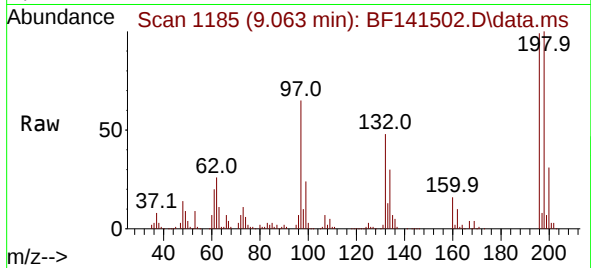
Tgt Ion:330 Resp: 263972
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 36.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.592 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

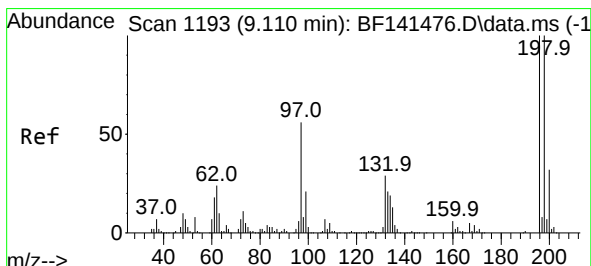
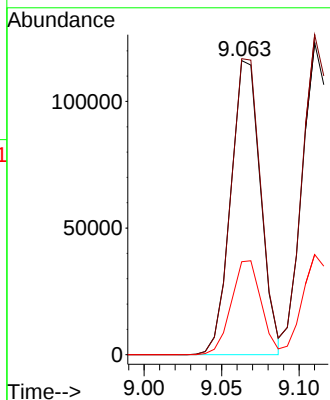
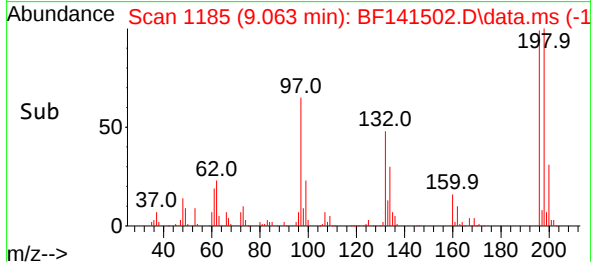
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



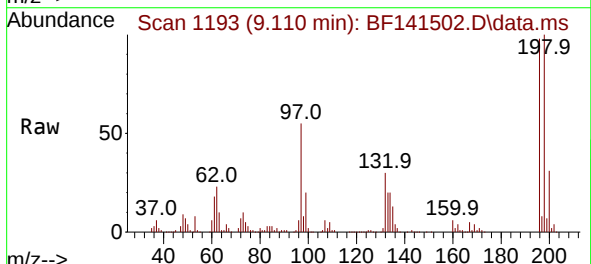
Tgt Ion:196 Resp: 155219
Ion Ratio Lower Upper
196 100
198 100.7 80.6 121.0
200 31.6 25.5 38.3

Manual Integrations
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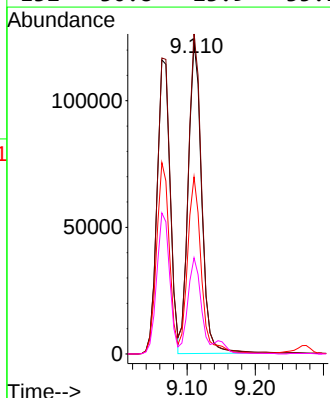
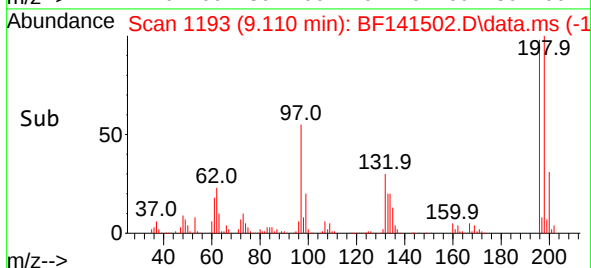
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

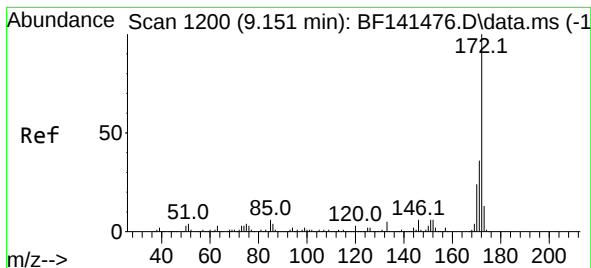


#44
2,4,5-Trichlorophenol
Concen: 43.211 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:196 Resp: 166752
Ion Ratio Lower Upper
196 100
198 102.6 79.8 119.8
97 56.8 44.8 67.2
132 30.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 92.785 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion:172 Resp: 114684

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

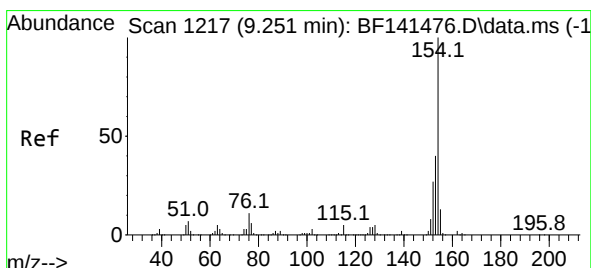
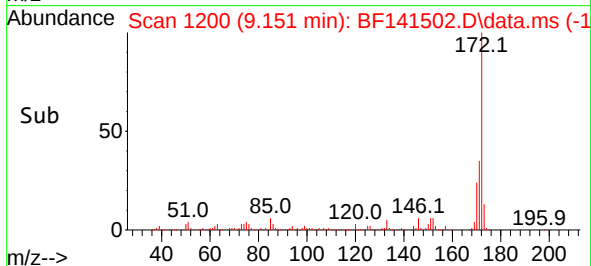
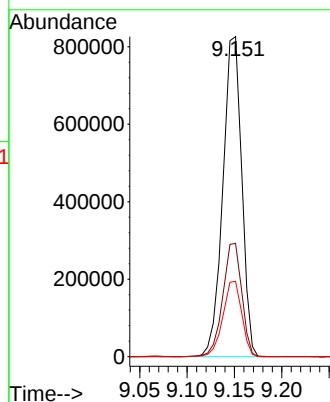
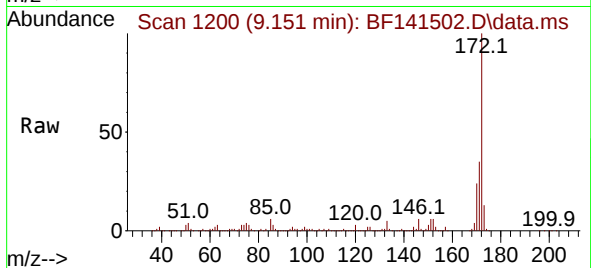
170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#46

1,1'-Biphenyl

Concen: 46.853 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

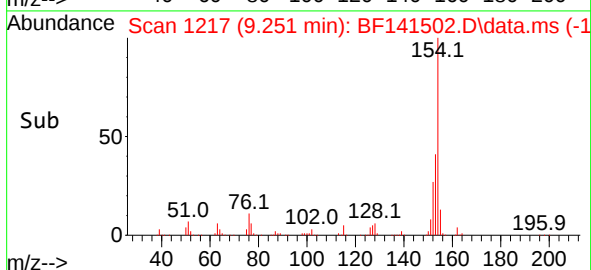
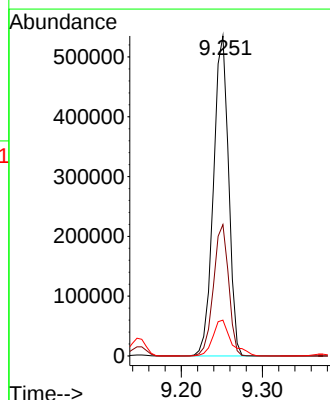
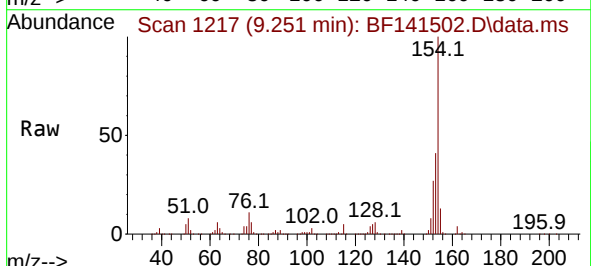
Tgt Ion:154 Resp: 691703

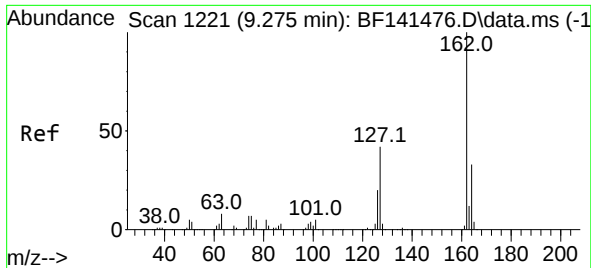
Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.119 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion:162 Resp: 48165

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

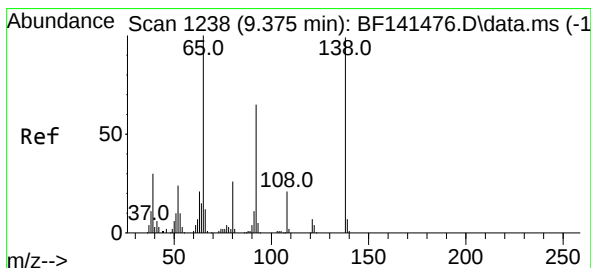
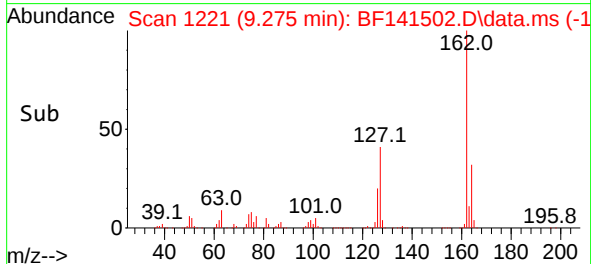
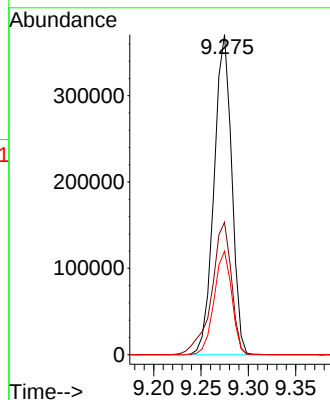
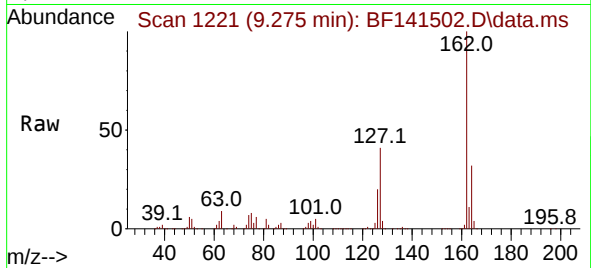
164 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#48

2-Nitroaniline

Concen: 44.521 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

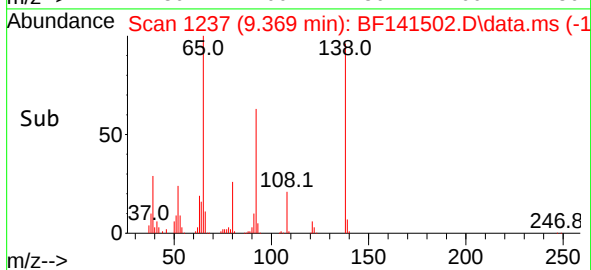
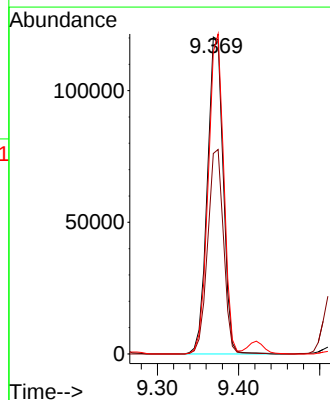
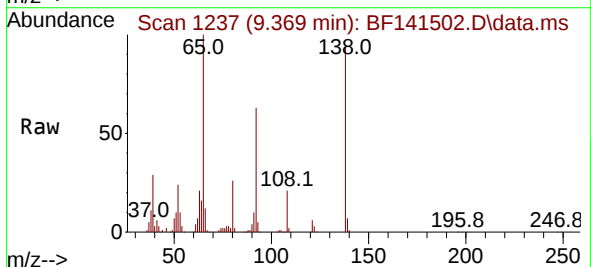
Tgt Ion: 65 Resp: 163115

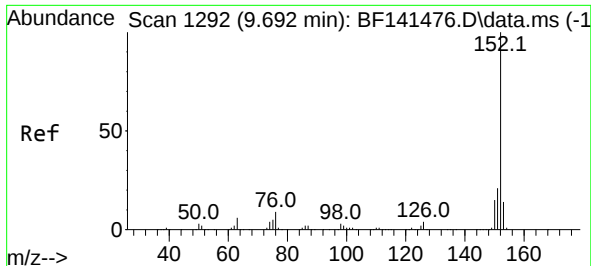
Ion Ratio Lower Upper

65 100

92 63.2 52.2 78.2

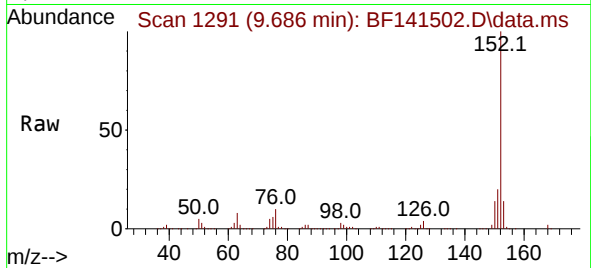
138 95.3 79.5 119.3





#49
Acenaphthylene
Concen: 45.465 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

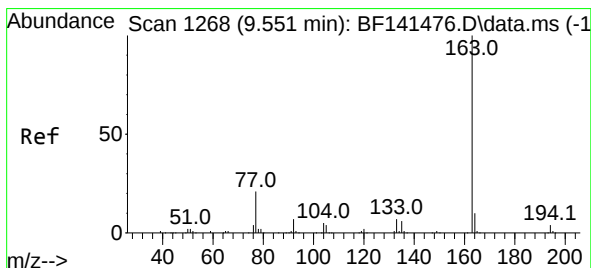
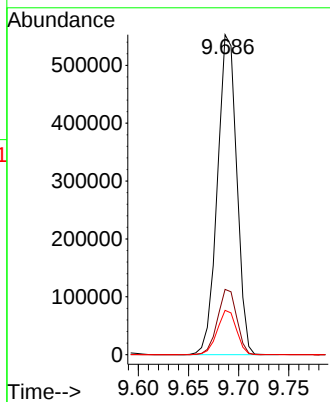
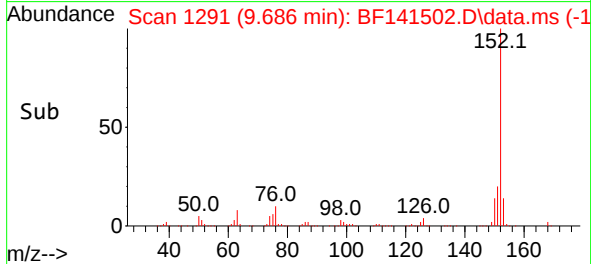
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



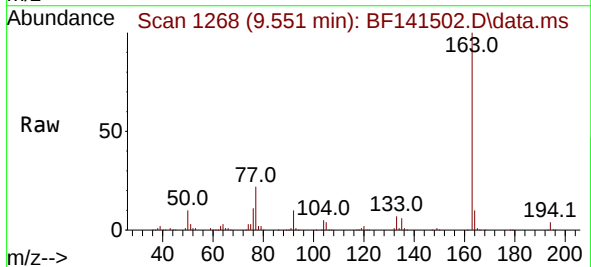
Tgt Ion:152 Resp: 738260
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 10.9 16.3

Manual Integrations
APPROVED

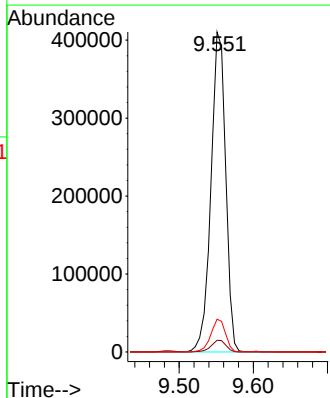
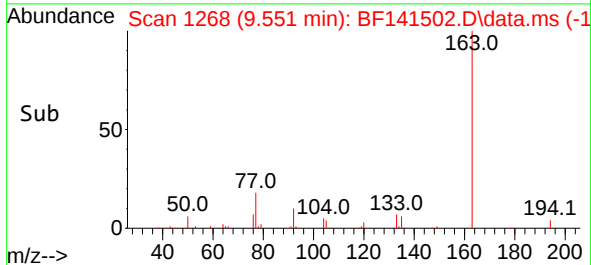
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

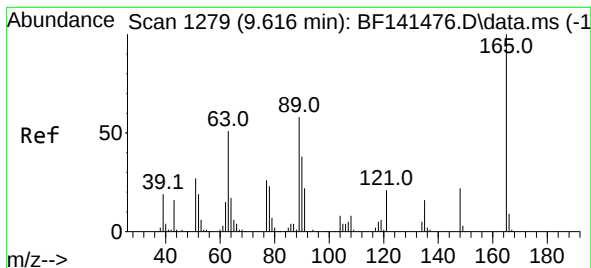


#50
Dimethylphthalate
Concen: 43.772 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



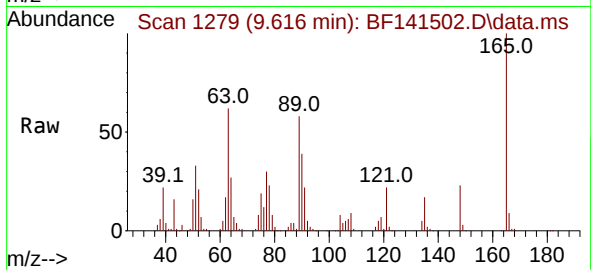
Tgt Ion:163 Resp: 565865
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.932 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

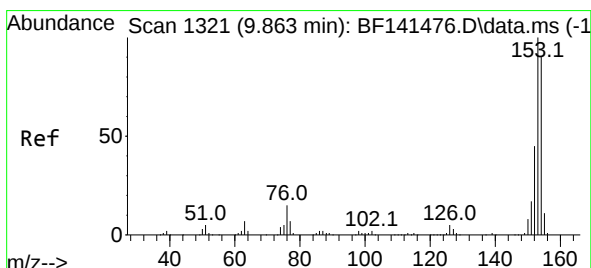
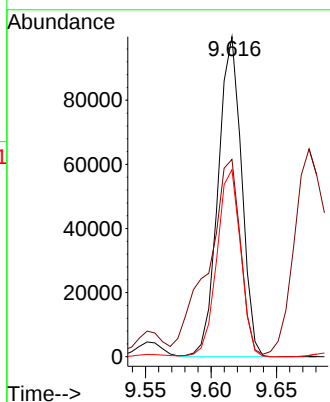
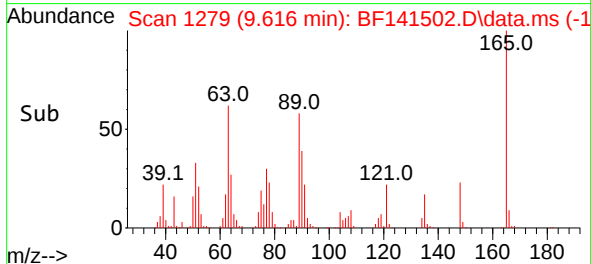
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



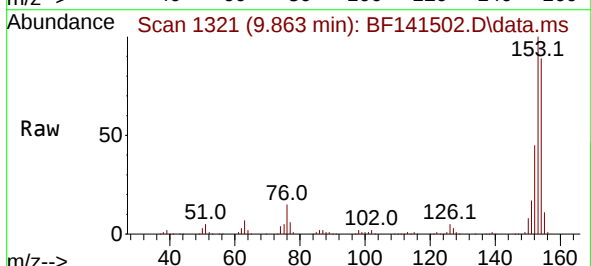
Tgt Ion:165 Resp: 12415
Ion Ratio Lower Upper
165 100
63 61.7 49.4 74.0
89 58.5 46.5 69.7

Manual Integrations
APPROVED

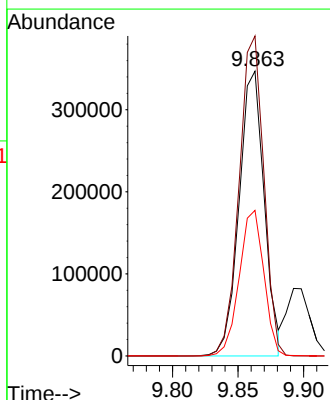
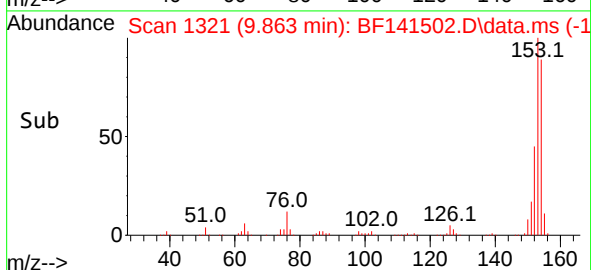
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

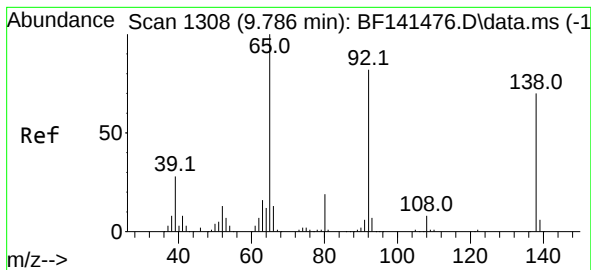


#52
Acenaphthene
Concen: 42.441 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:154 Resp: 463315
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 51.1 39.8 59.8





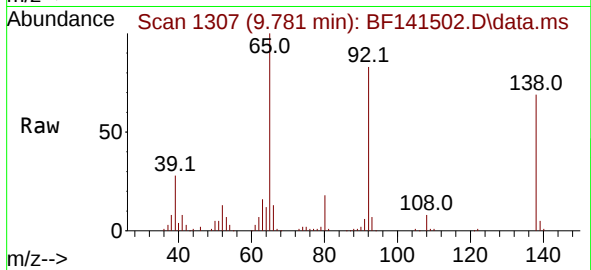
#53
3-Nitroaniline
Concen: 22.537 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

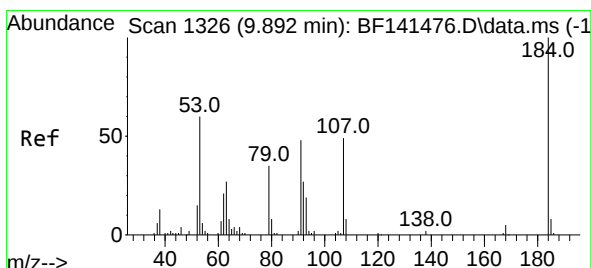
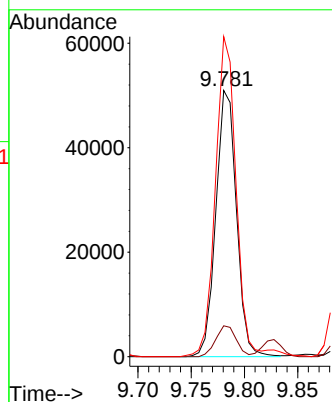
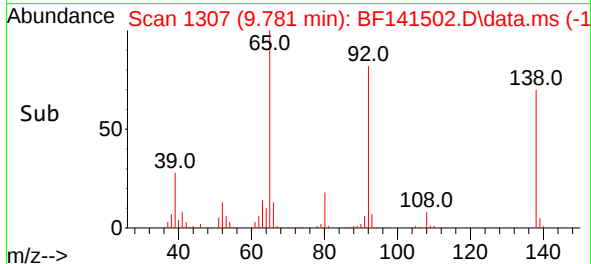


Tgt Ion:138 Resp: 68550
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 120.2 93.7 140.5

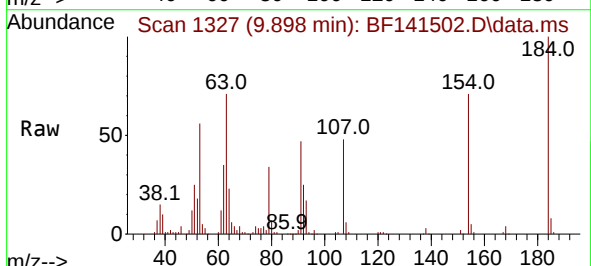
Manual Integrations

APPROVED

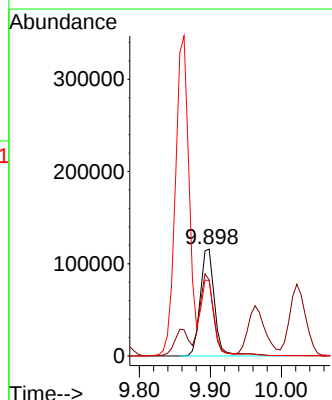
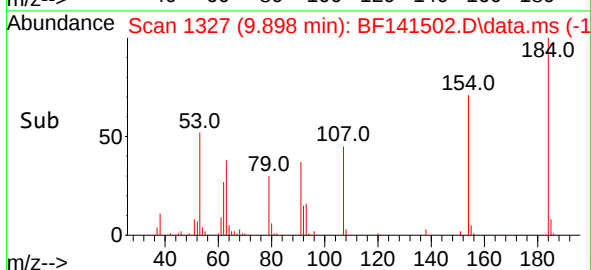
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

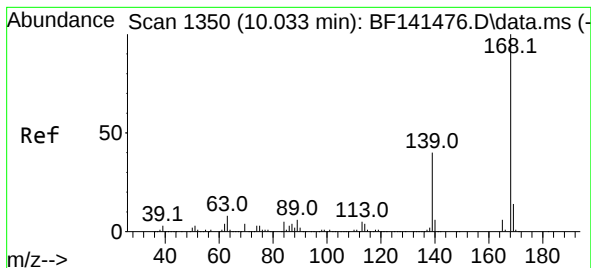


#54
2,4-Dinitrophenol
Concen: 98.219 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



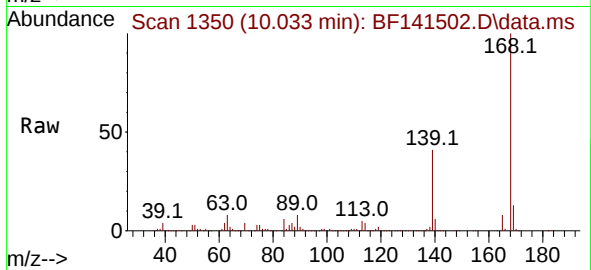
Tgt Ion:184 Resp: 164968
Ion Ratio Lower Upper
184 100
63 71.3 61.0 91.6
154 70.6 59.9 89.9





#55
Dibenzenofuran
Concen: 41.817 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

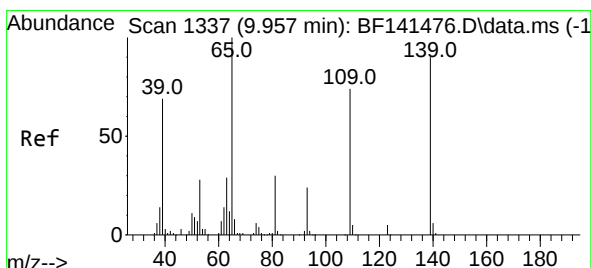
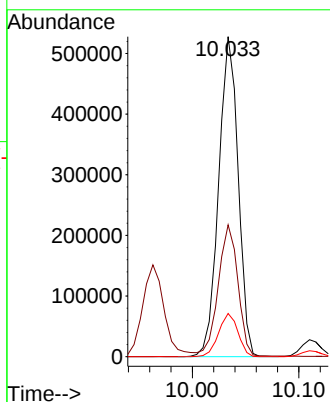
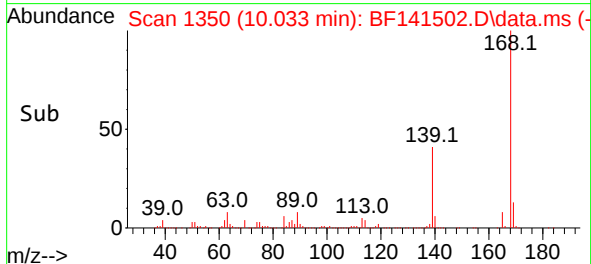
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



Tgt Ion:168 Resp: 670050
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.5 10.8 16.2

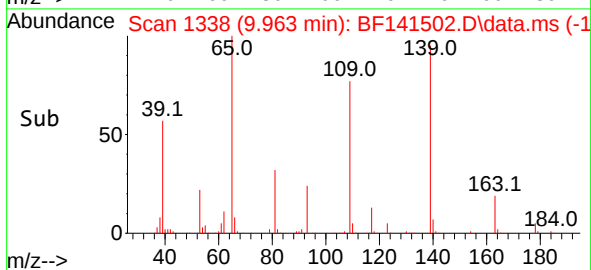
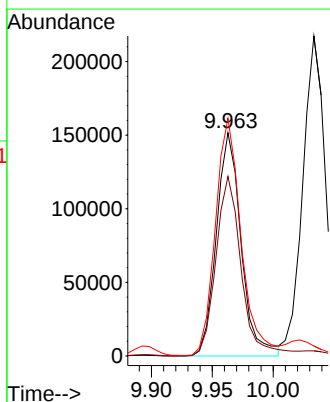
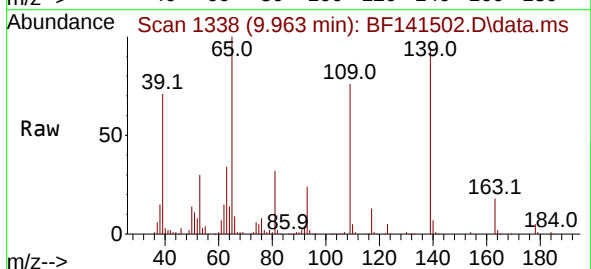
Manual Integrations
APPROVED

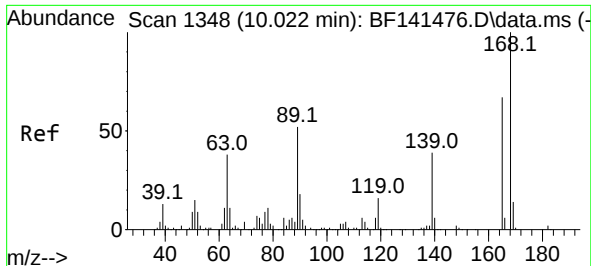
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 94.983 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

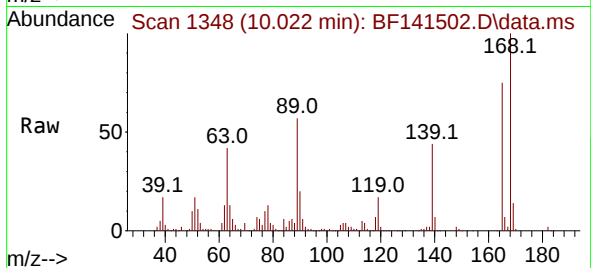
Tgt Ion:139 Resp: 214465
Ion Ratio Lower Upper
139 100
109 80.5 62.0 102.0
65 106.5 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 46.566 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

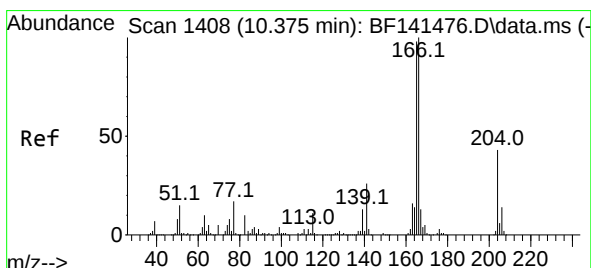
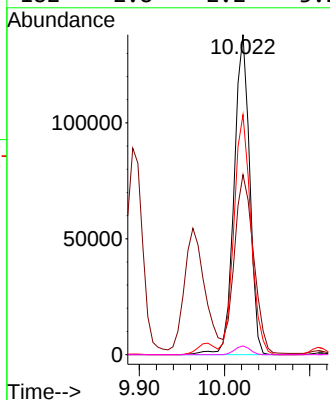
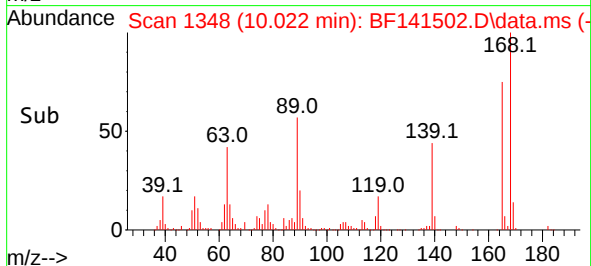
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



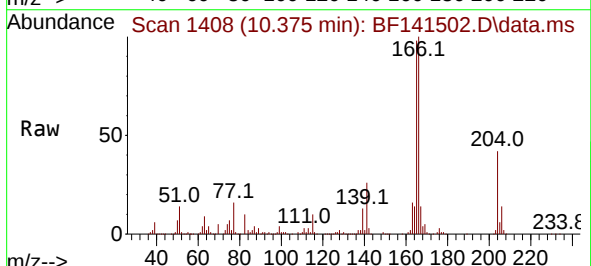
Tgt Ion:165 Resp: 175190
Ion Ratio Lower Upper
165 100
63 56.3 46.4 69.6
89 75.0 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations
APPROVED

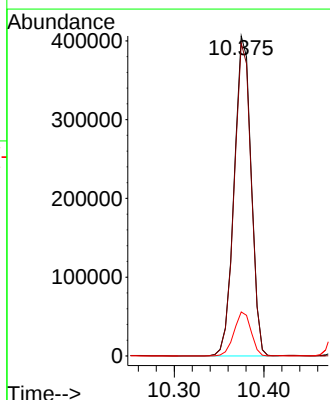
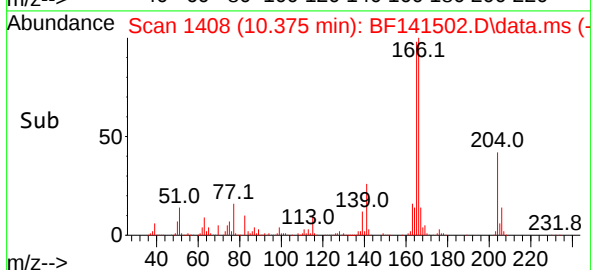
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

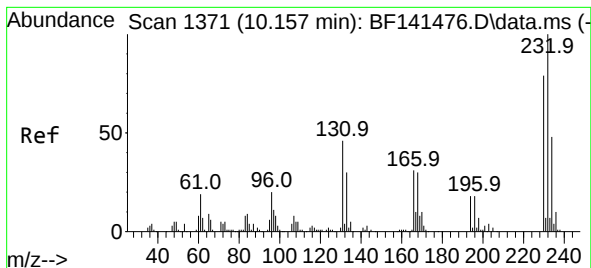


#58
Fluorene
Concen: 43.052 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



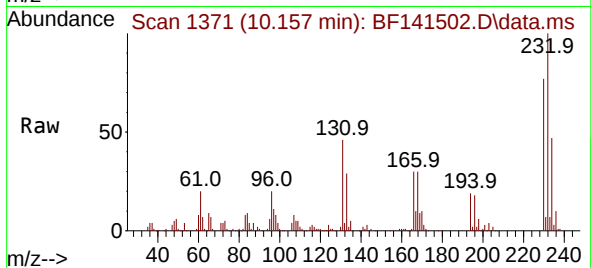
Tgt Ion:166 Resp: 533385
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.205 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

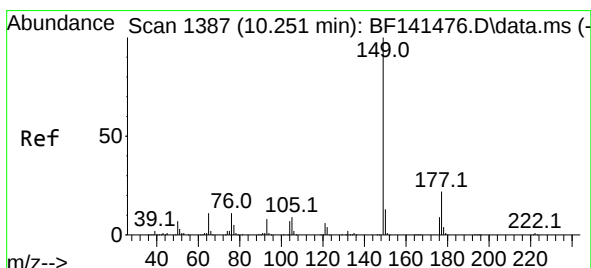
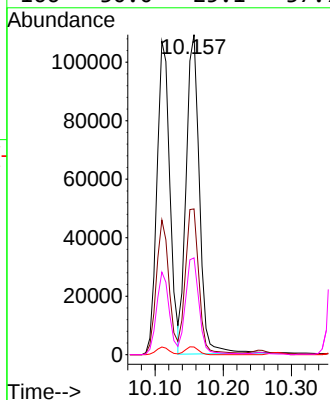
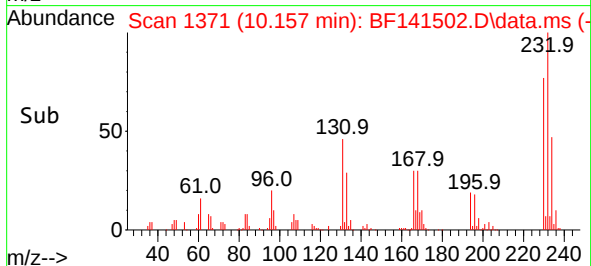
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



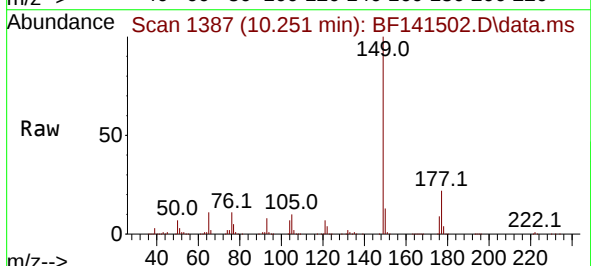
Tgt Ion:232 Resp: 14686
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.4 2.1 3.1
166 30.0 25.1 37.7

Manual Integrations
APPROVED

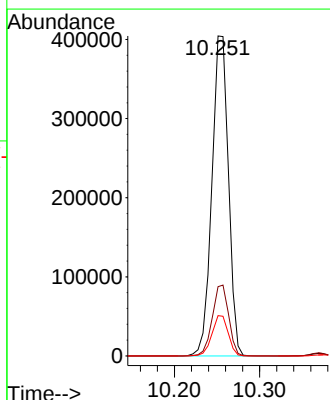
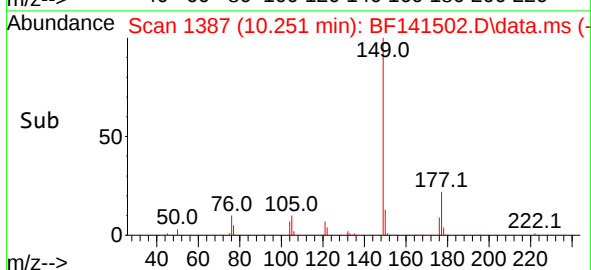
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#60
Diethylphthalate
Concen: 42.871 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



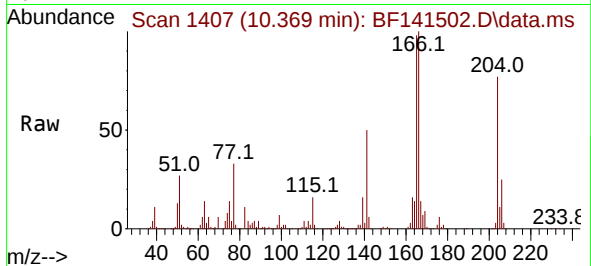
Tgt Ion:149 Resp: 545278
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.082 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

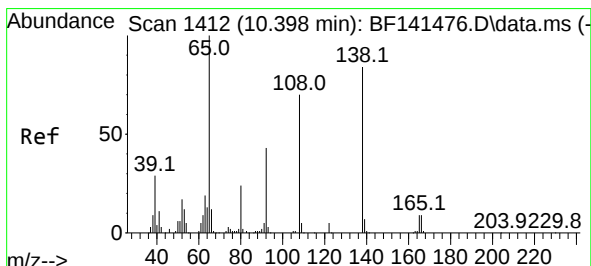
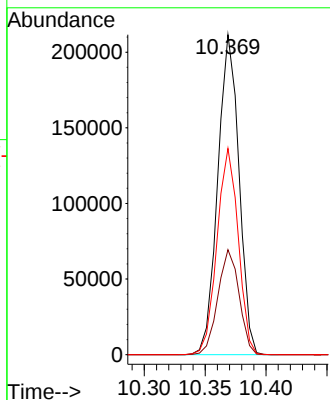
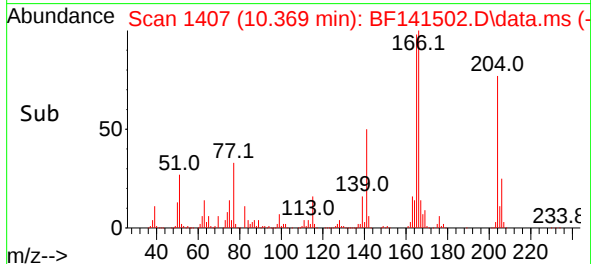
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



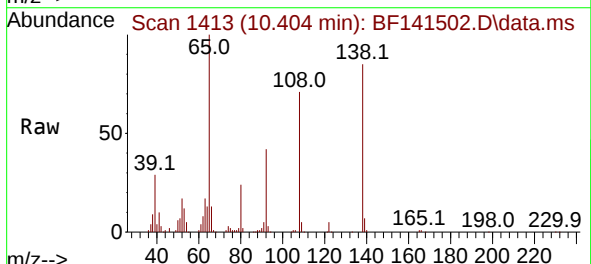
Tgt Ion:204 Resp: 256780
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 64.5 51.9 77.9

Manual Integrations
APPROVED

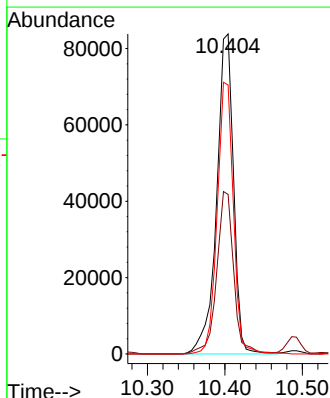
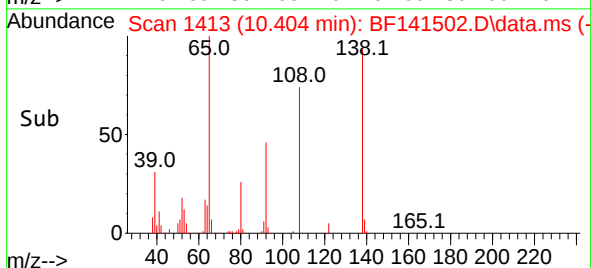
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

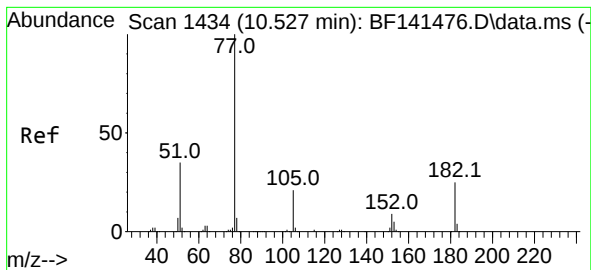


#62
4-Nitroaniline
Concen: 41.147 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



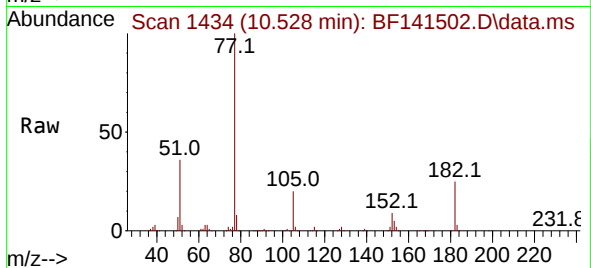
Tgt Ion:138 Resp: 127085
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 84.1 63.7 103.7





#63
Azobenzene
Concen: 41.957 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

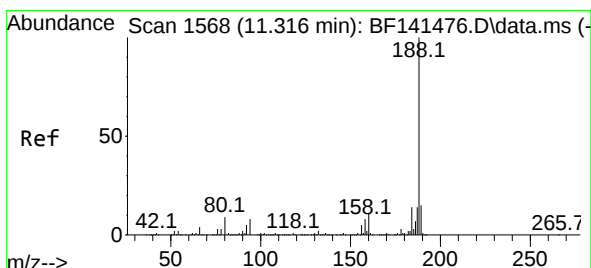
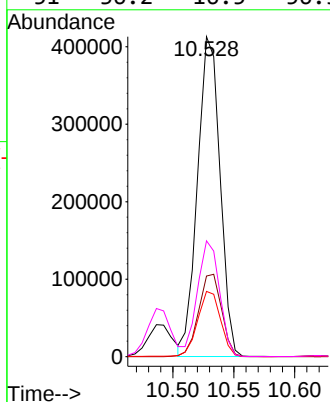
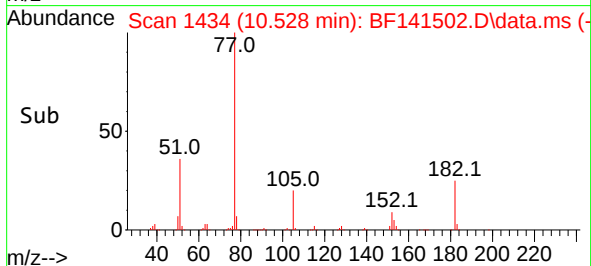
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



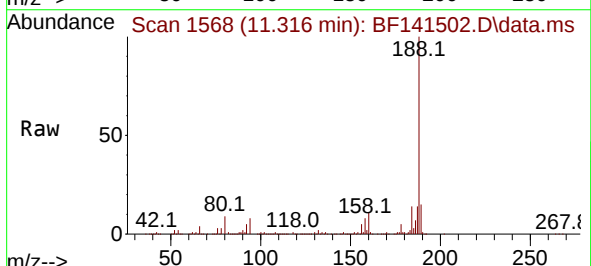
Tgt Ion: 77 Resp: 530524
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 20.4 0.4 40.4
51 36.2 16.5 56.5

Manual Integrations
APPROVED

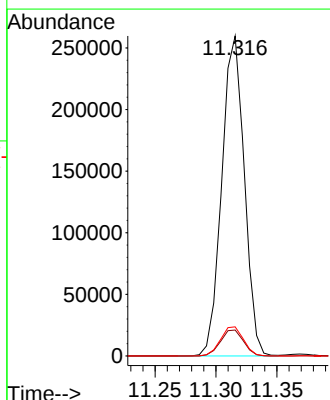
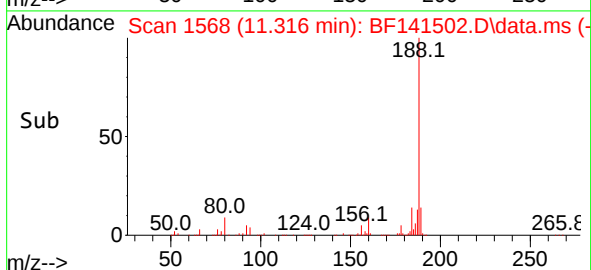
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



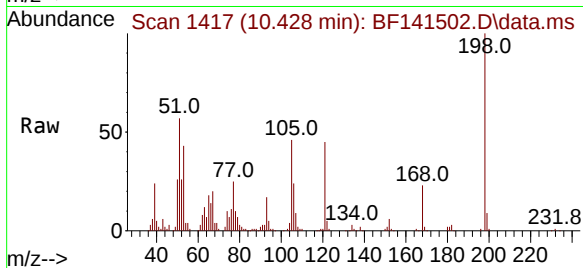
Tgt Ion:188 Resp: 334349
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.855 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

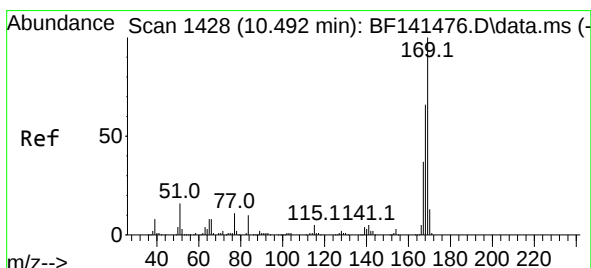
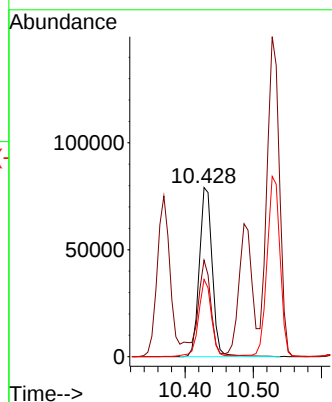
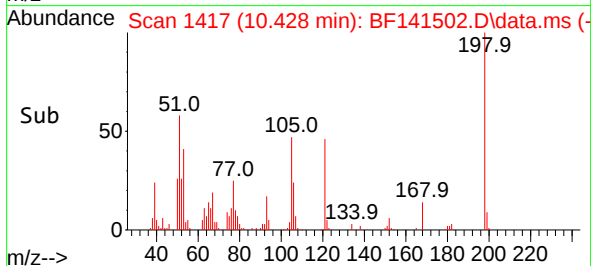
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



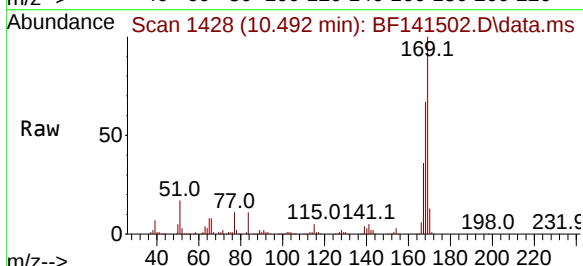
Tgt Ion:198 Resp: 104179
Ion Ratio Lower Upper
198 100
51 57.0 37.4 77.4
105 45.7 25.2 65.2

Manual Integrations
APPROVED

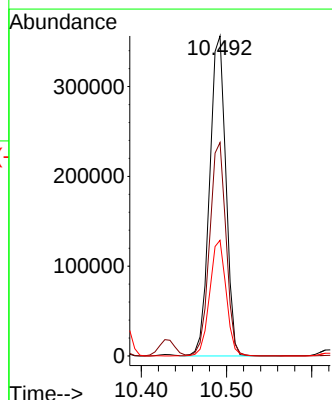
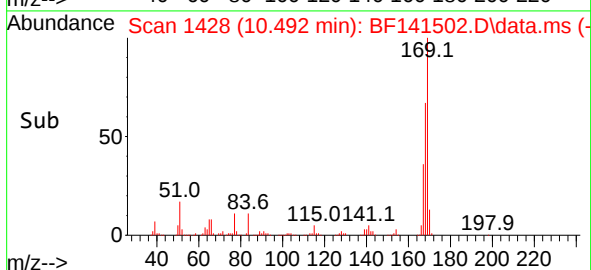
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

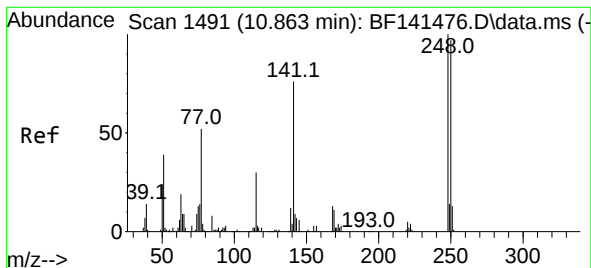


#66
n-Nitrosodiphenylamine
Concen: 43.972 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



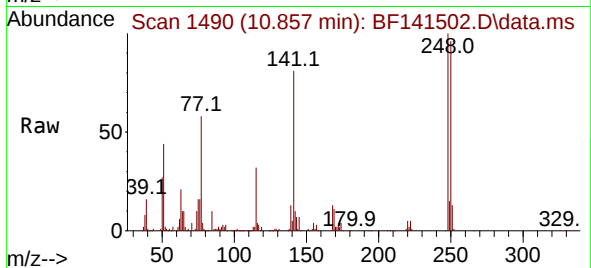
Tgt Ion:169 Resp: 470625
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.470 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

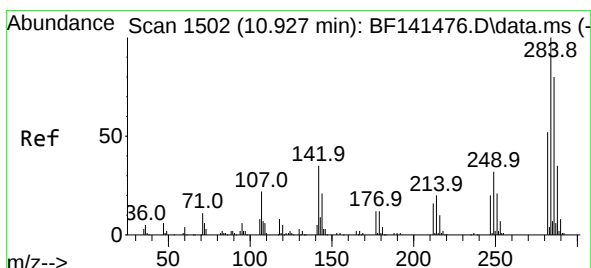
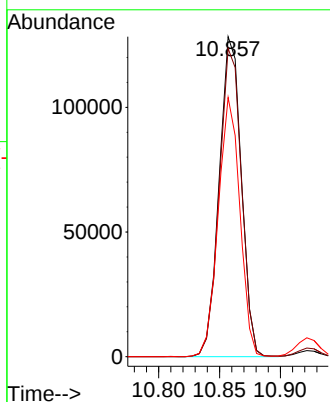
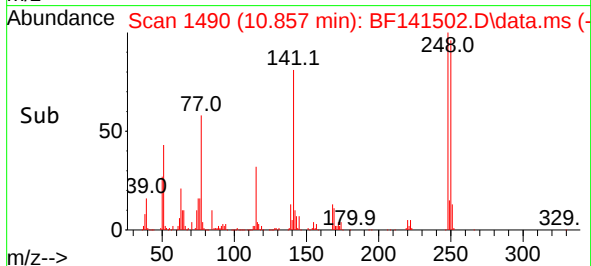
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



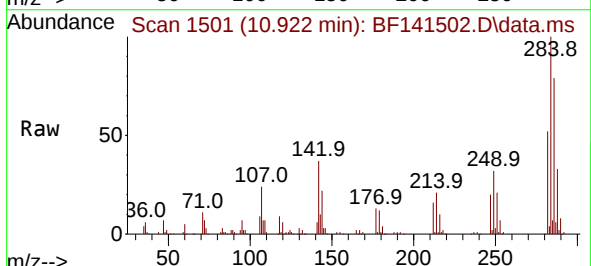
Tgt Ion:248 Resp: 162438
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 81.0 60.6 90.8

Manual Integrations
APPROVED

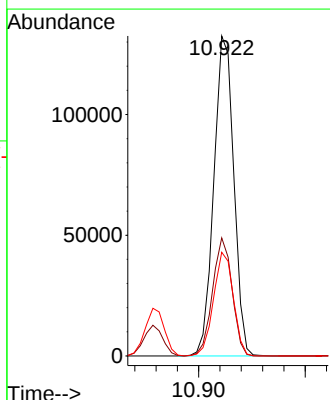
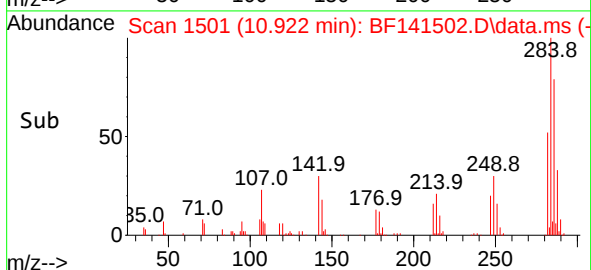
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

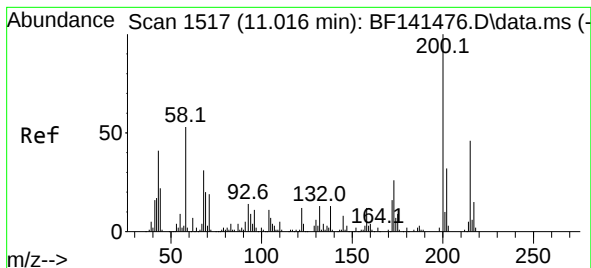


#68
Hexachlorobenzene
Concen: 44.604 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:284 Resp: 171632
Ion Ratio Lower Upper
284 100
142 36.9 28.0 42.0
249 32.4 25.8 38.8





#69

Atrazine

Concen: 55.978 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

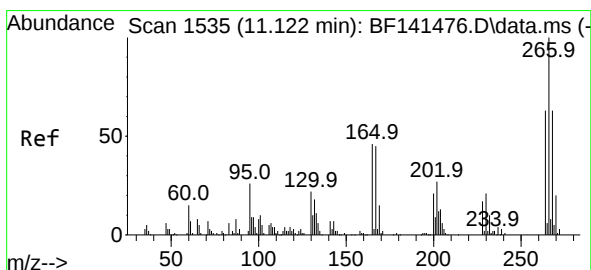
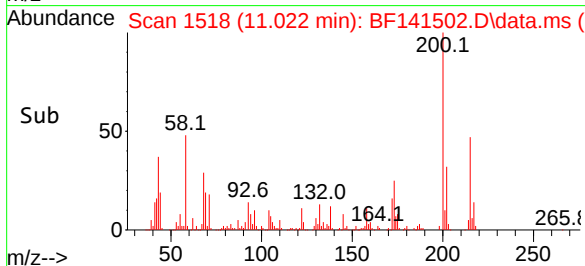
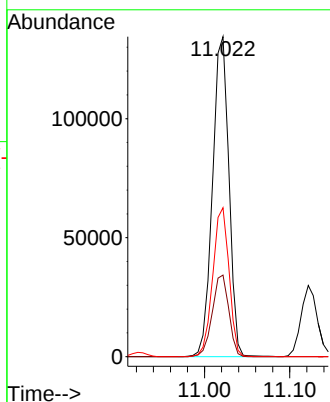
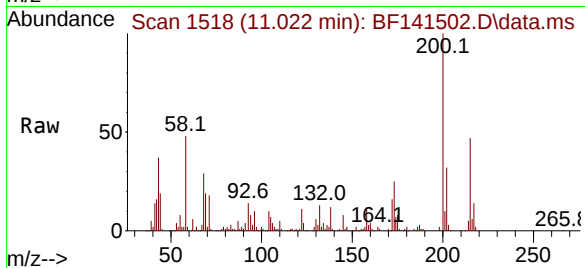
PB166567BSD

Tgt Ion:200 Resp: 179738
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.9 45.9
 215 46.5 25.9 65.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 87.118 ng

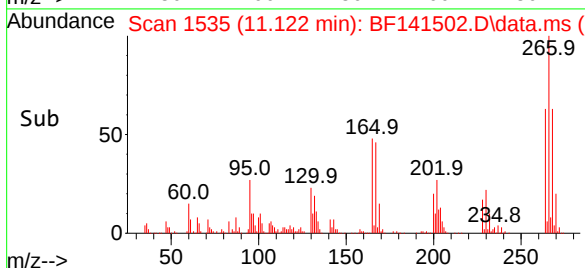
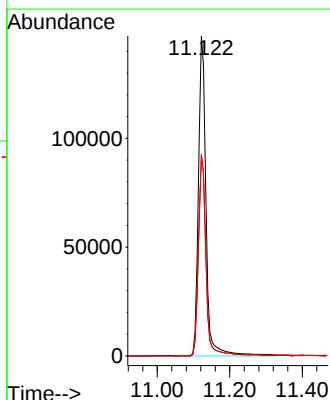
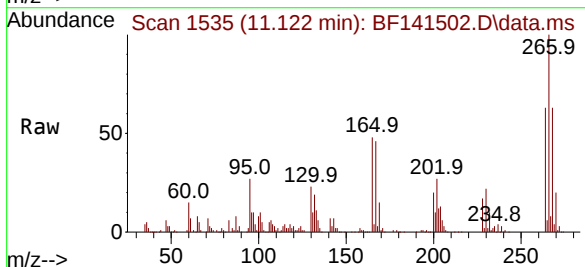
RT: 11.122 min Scan# 1535

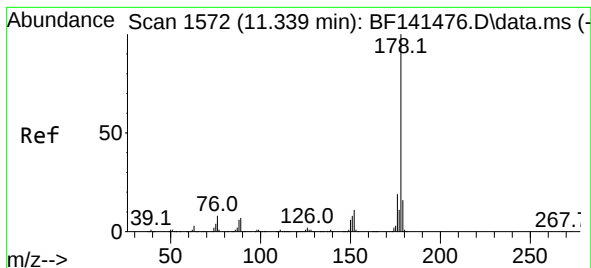
Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

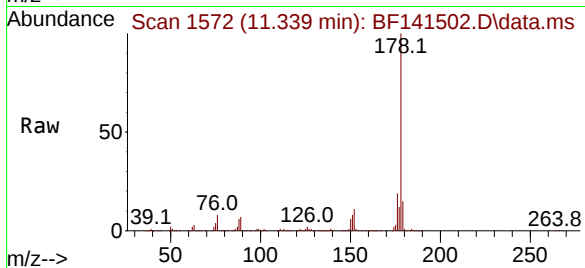
Tgt Ion:266 Resp: 214347
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.1 75.1
 264 63.0 50.1 75.1





#71
Phenanthrene
Concen: 43.779 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

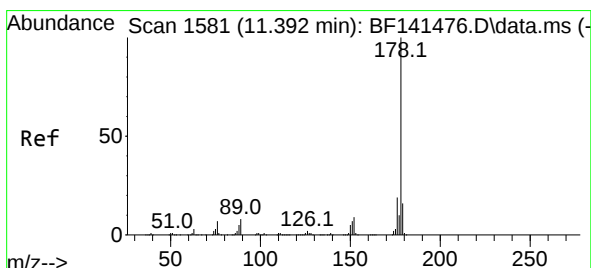
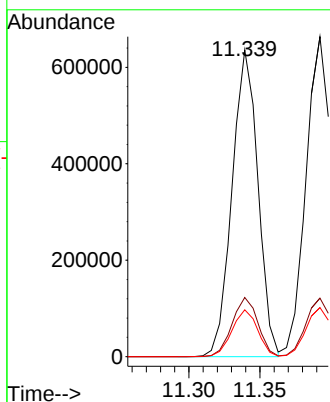
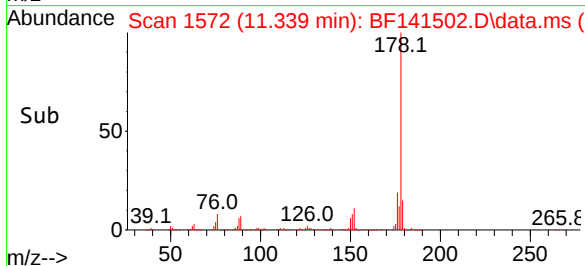
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



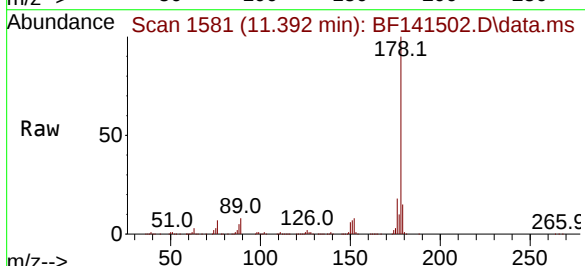
Tgt Ion:178 Resp: 805732
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.4 18.6

Manual Integrations
APPROVED

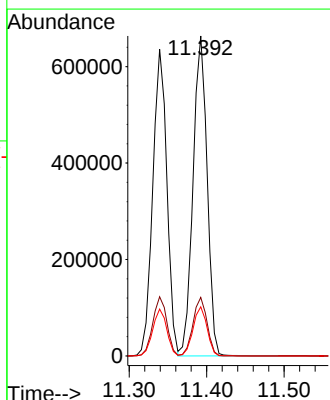
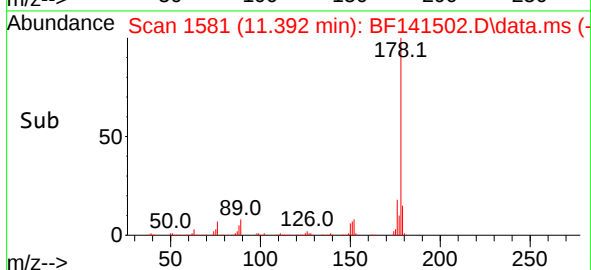
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

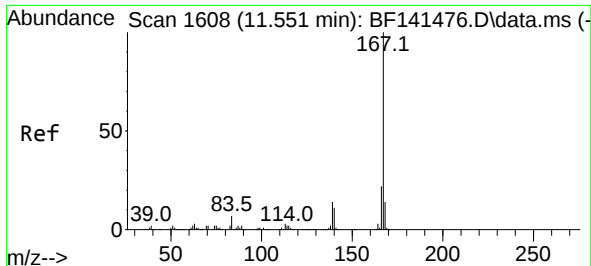


#72
Anthracene
Concen: 45.224 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



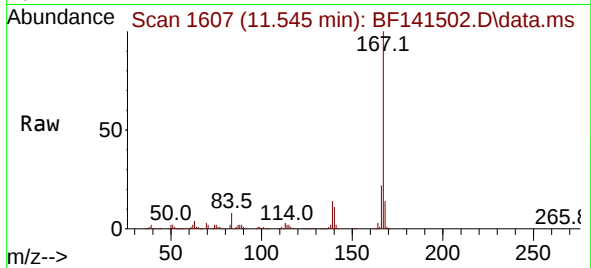
Tgt Ion:178 Resp: 836681
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 43.797 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

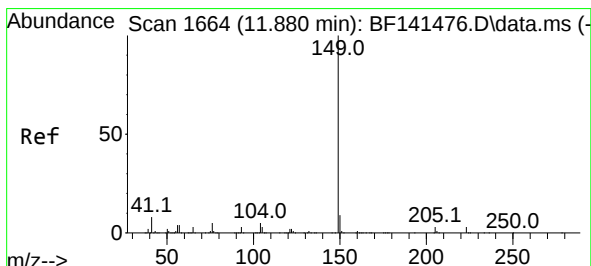
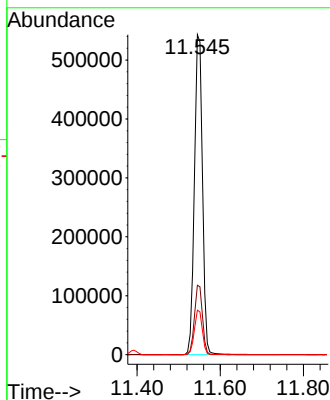
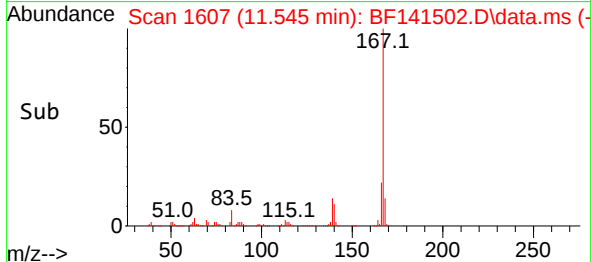
Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD



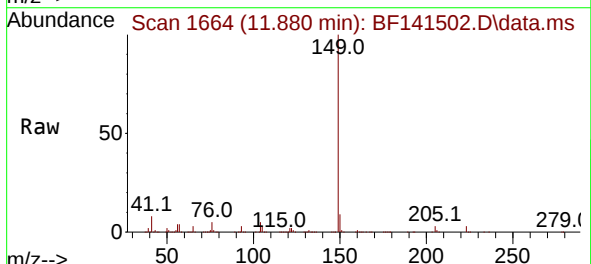
Tgt Ion:167 Resp: 729093
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.9 10.9 16.3

Manual Integrations
 APPROVED

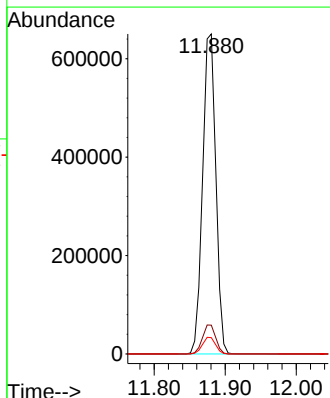
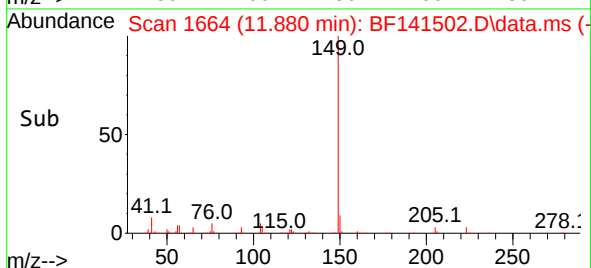
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#74
 Di-n-butylphthalate
 Concen: 43.885 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32



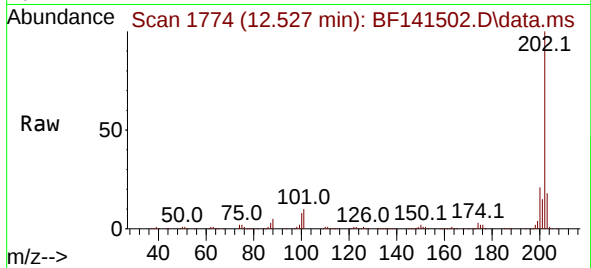
Tgt Ion:149 Resp: 843535
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 43.456 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

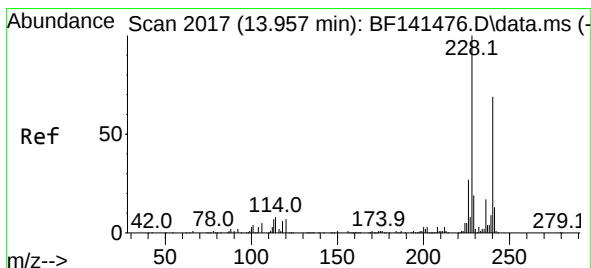
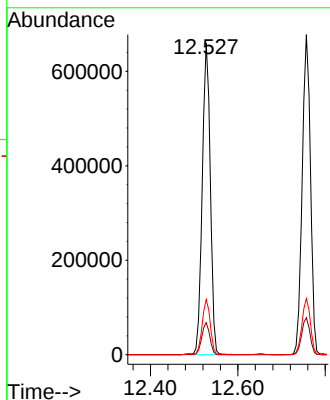
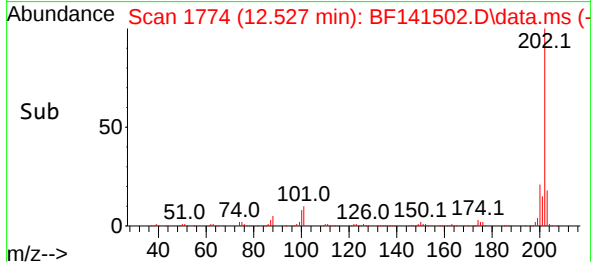
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



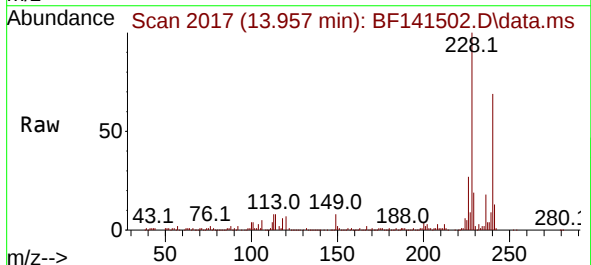
Tgt Ion:202 Resp: 847910
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
APPROVED

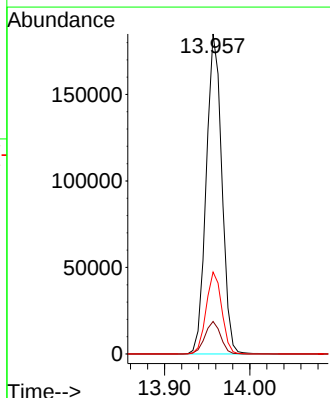
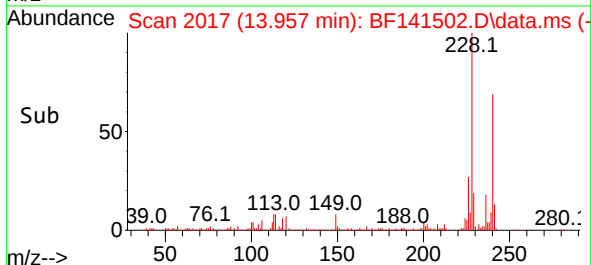
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

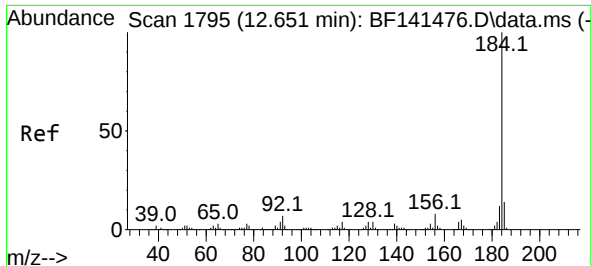


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



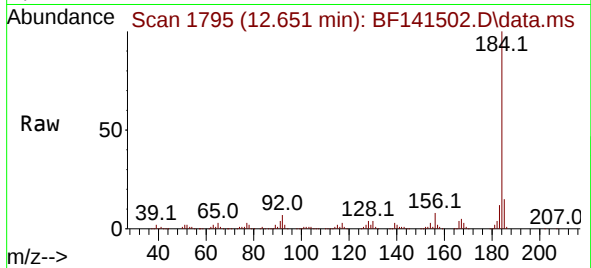
Tgt Ion:240 Resp: 235381
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.6 19.8 29.8





#77
Benzidine
Concen: 59.808 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

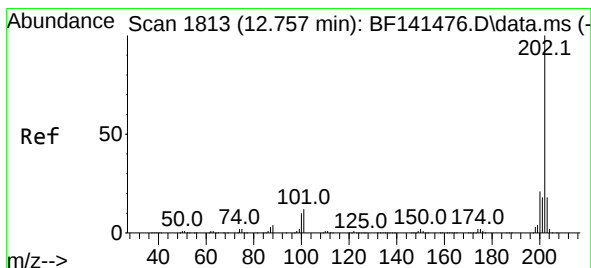
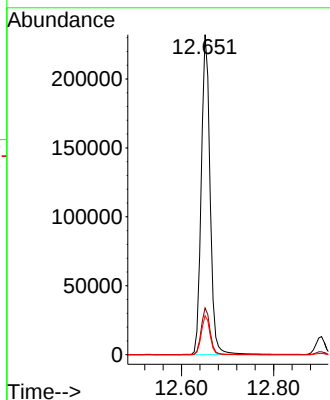
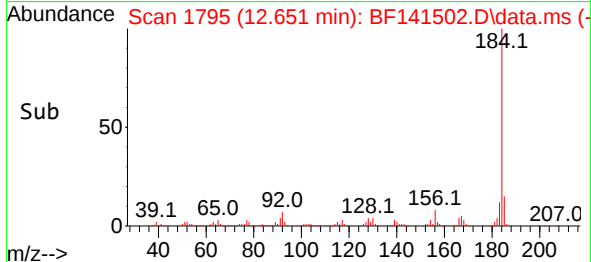
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



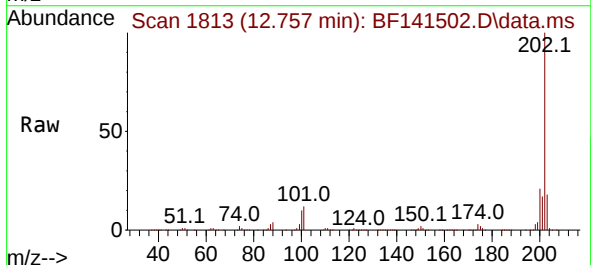
Tgt Ion:184 Resp: 31047
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.2 9.3 13.9

Manual Integrations
APPROVED

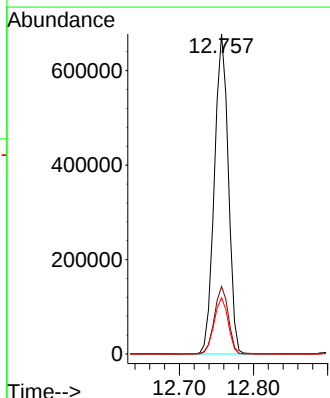
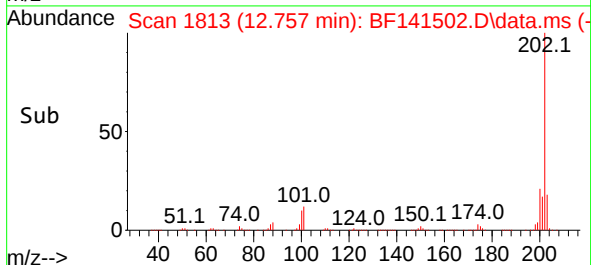
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#78
Pyrene
Concen: 44.082 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



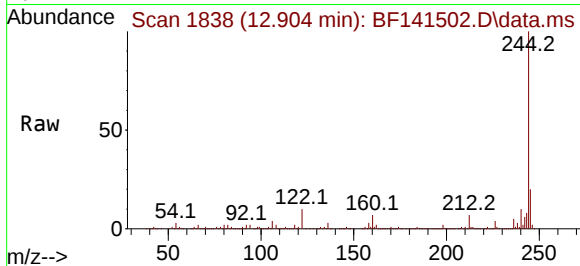
Tgt Ion:202 Resp: 883274
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 98.306 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

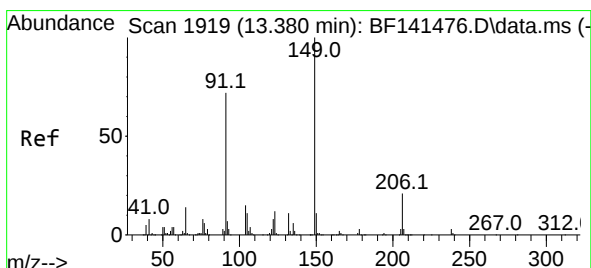
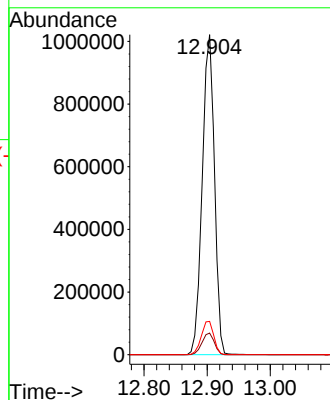
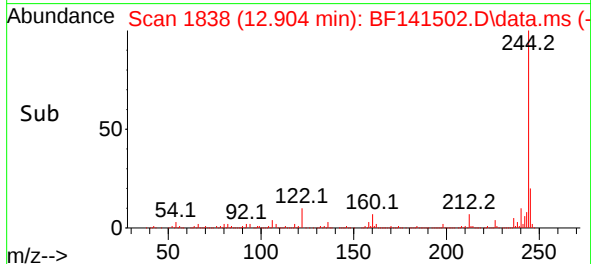
Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD



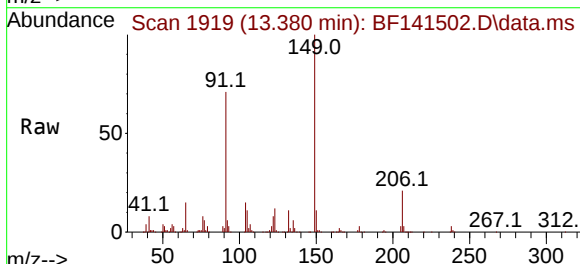
Tgt Ion:244 Resp: 1370670
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.4 8.4 12.6

Manual Integrations
 APPROVED

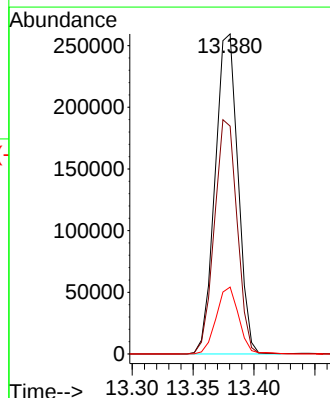
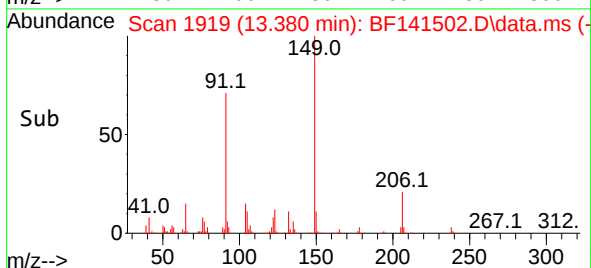
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

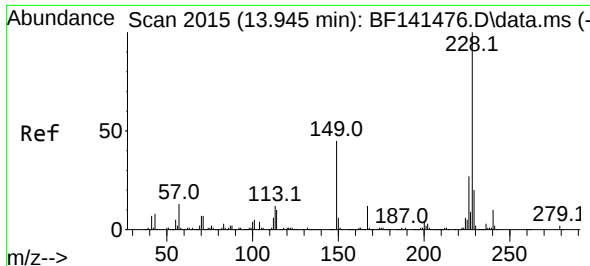


#80
 Butylbenzylphthalate
 Concen: 48.879 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32



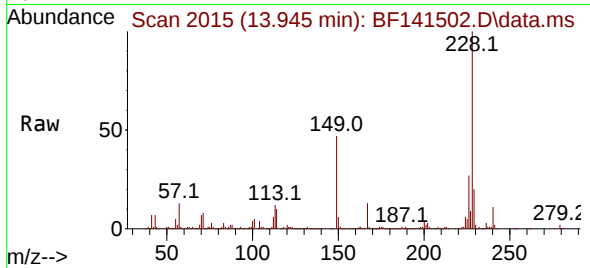
Tgt Ion:149 Resp: 339236
 Ion Ratio Lower Upper
 149 100
 91 71.2 57.8 86.8
 206 20.9 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.133 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

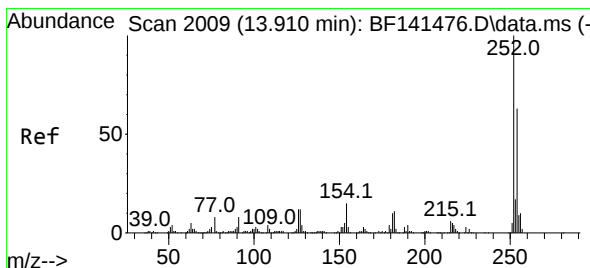
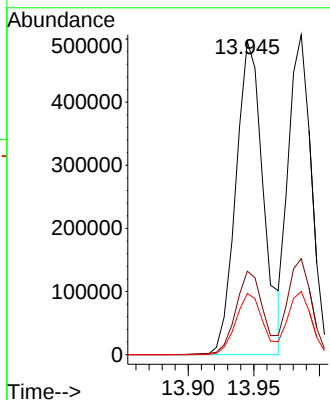
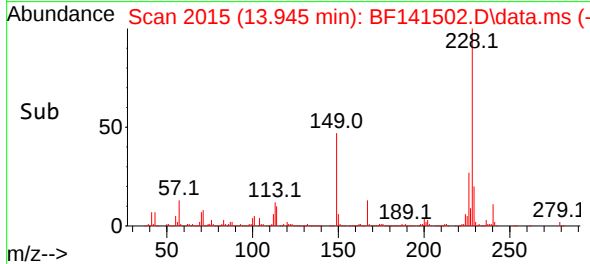
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



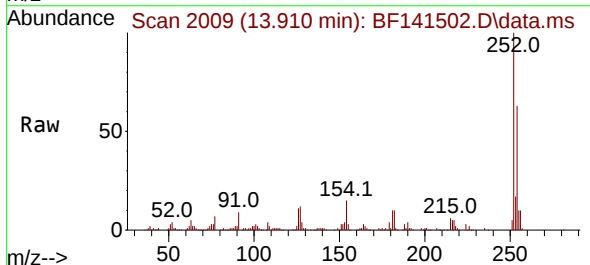
Tgt Ion:228 Resp: 721820
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations
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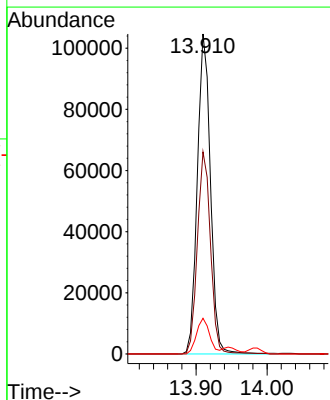
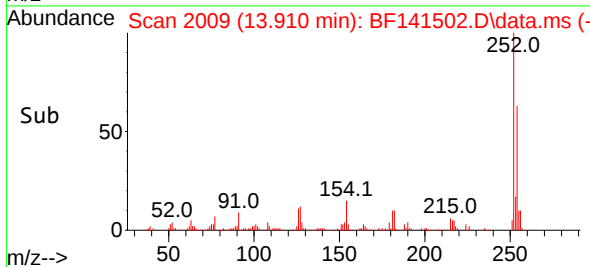
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

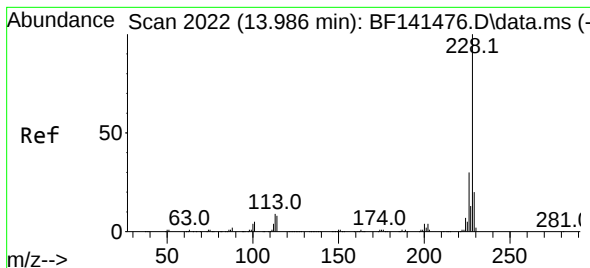


#82
3,3'-Dichlorobenzidine
Concen: 30.045 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:252 Resp: 134663
Ion Ratio Lower Upper
252 100
254 63.2 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 42.674 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141502.D

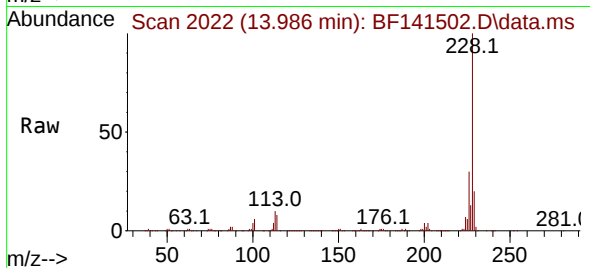
Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD



Tgt Ion:228 Resp: 616524

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

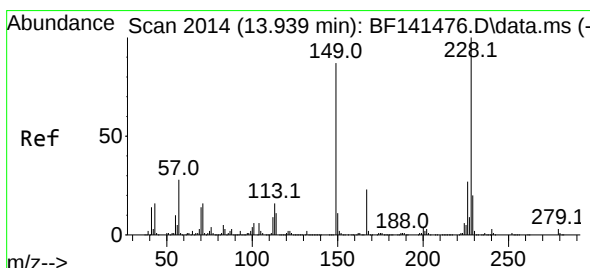
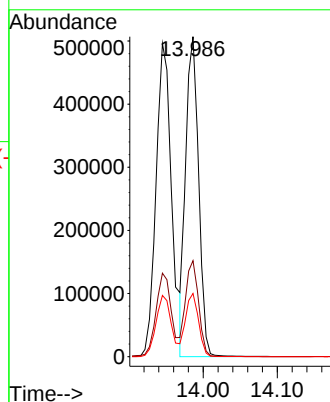
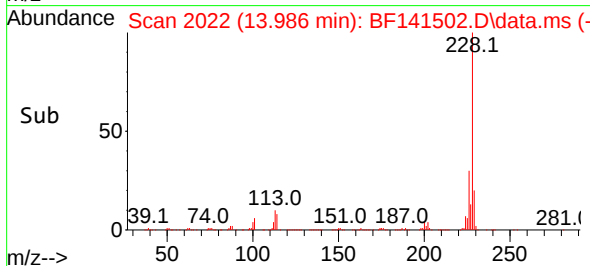
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.585 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

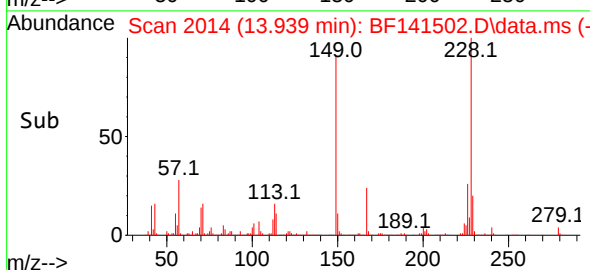
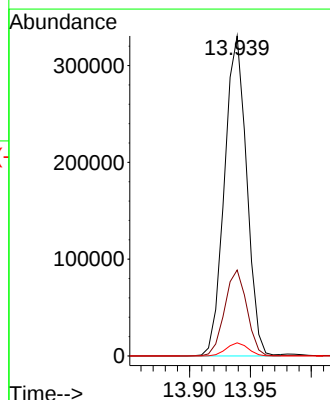
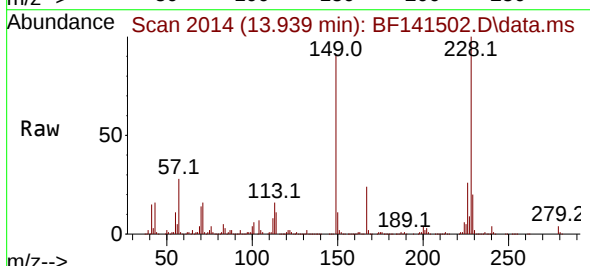
Tgt Ion:149 Resp: 419441

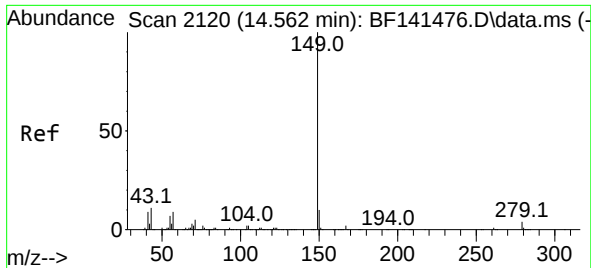
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

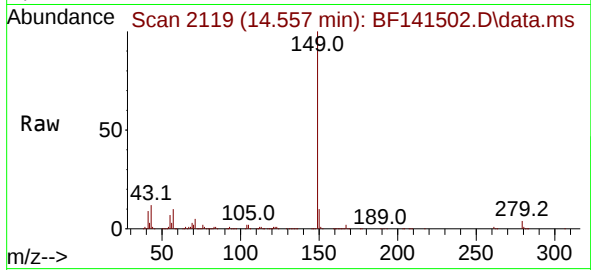
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 51.136 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

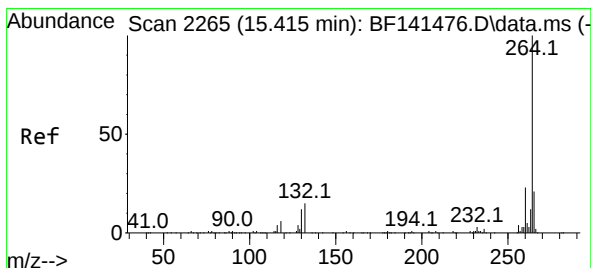
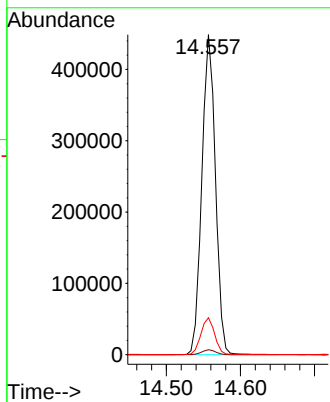
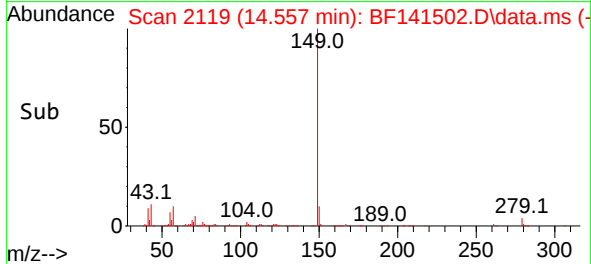
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



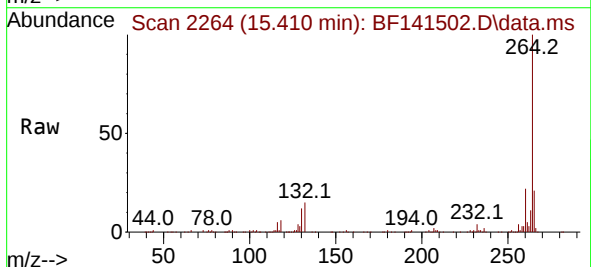
Tgt Ion:149 Resp: 571019
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 9.5 14.3

Manual Integrations
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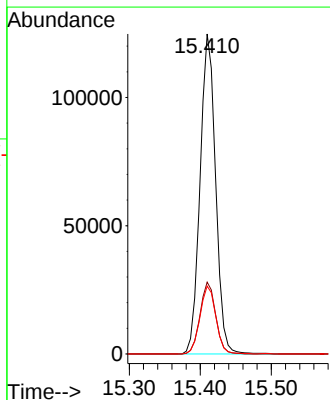
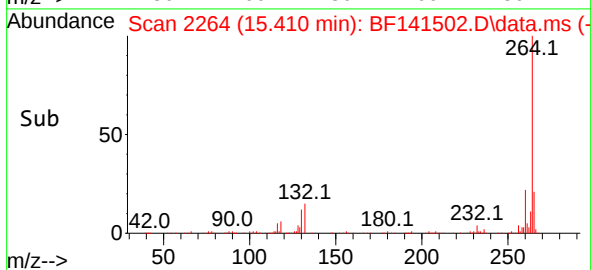
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:264 Resp: 189950
Ion Ratio Lower Upper
264 100
260 22.4 18.6 28.0
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.480 ng

RT: 16.857 min Scan# 2110

Delta R.T. -0.017 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion:276 Resp: 53378

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

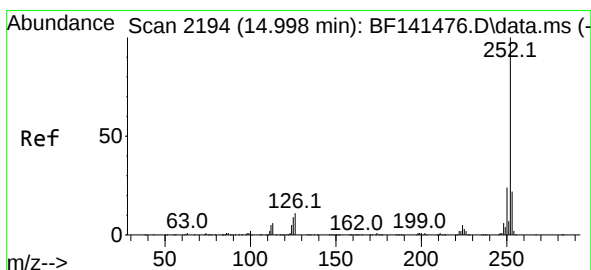
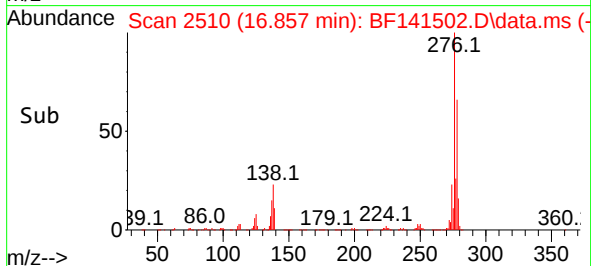
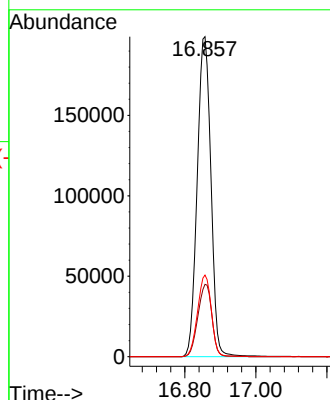
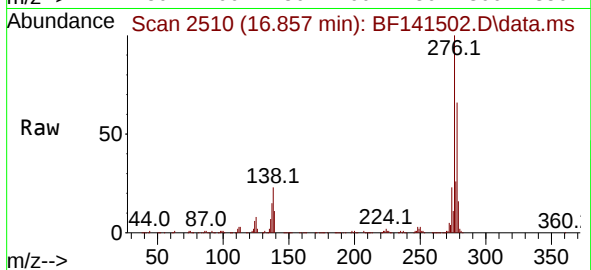
277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#88

Benzo(b)fluoranthene

Concen: 40.608 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

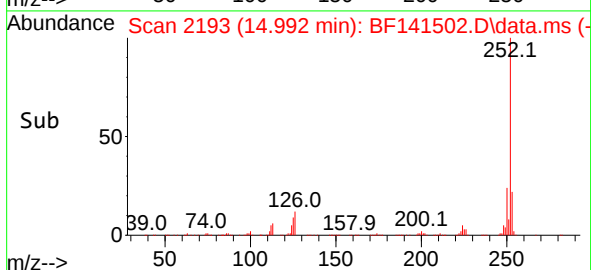
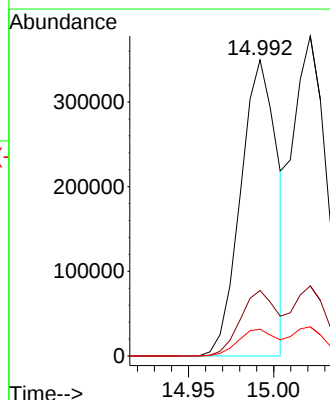
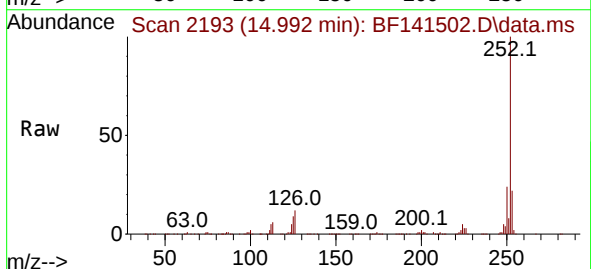
Tgt Ion:252 Resp: 517921

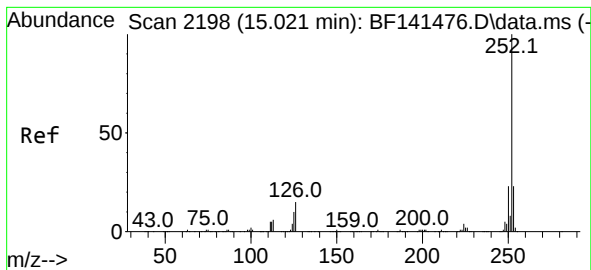
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.048 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

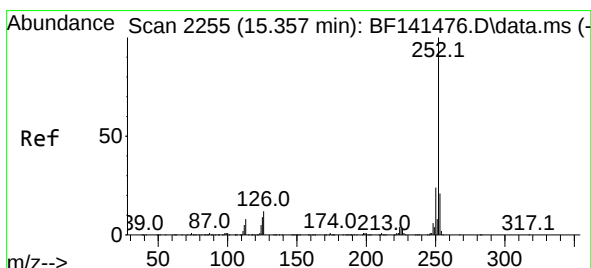
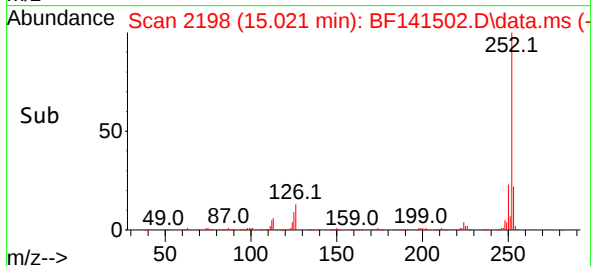
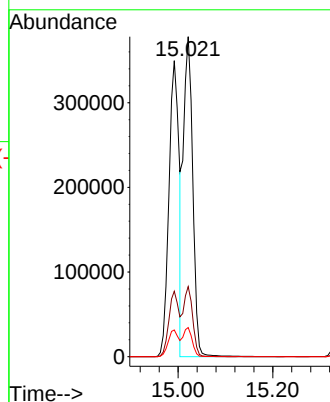
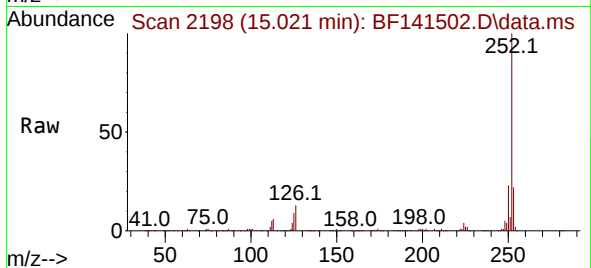
PB166567BSD

Tgt Ion:252 Resp: 52329
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 9.1 7.4 11.0

Manual Integrations

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Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#90

Benzo(a)pyrene

Concen: 47.171 ng

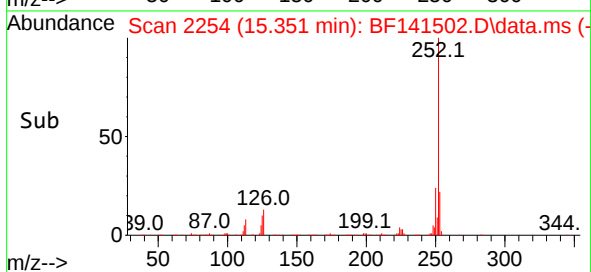
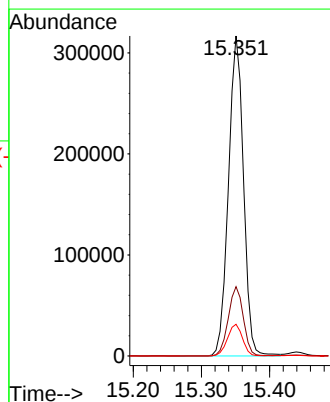
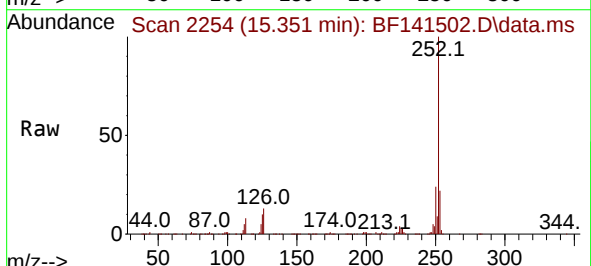
RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

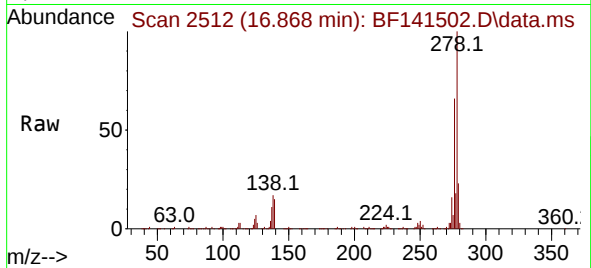
Tgt Ion:252 Resp: 486823
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.1 25.7
 125 9.9 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.610 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

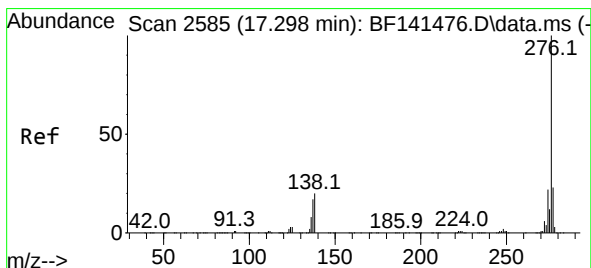
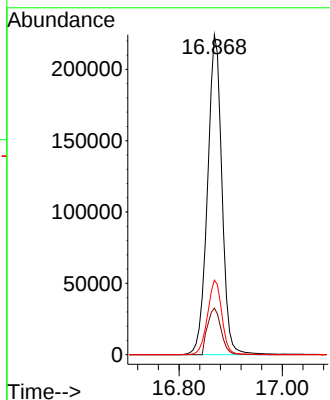
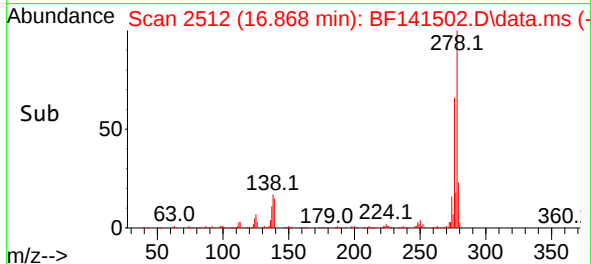
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



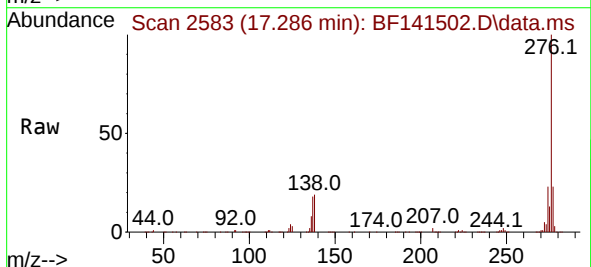
Tgt Ion:278 Resp: 433758
Ion Ratio Lower Upper
278 100
139 14.6 11.8 17.6
279 23.3 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 41.735 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:276 Resp: 415345
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.2 15.9 23.9

