

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141506.D
 Acq On : 07 Feb 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 15:09:24 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	91880	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	360290	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	198348	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	340922	20.000	ng	0.00
76) Chrysene-d12	13.957	240	238177	20.000	ng	0.00
86) Perylene-d12	15.416	264	192868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	475650	81.160	ng	0.00
7) Phenol-d6	6.428	99	587648	79.333	ng	-0.01
23) Nitrobenzene-d5	7.357	82	553575	80.140	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	158428	79.512	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1006130	78.150	ng	0.00
79) Terphenyl-d14	12.904	244	1115806	79.087	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	94001	39.852	ng	100
3) Pyridine	3.199	79	234861	41.842	ng	99
4) n-Nitrosodimethylamine	3.157	42	146825	39.505	ng	96
6) Aniline	6.451	93	276601	39.807	ng	94
8) 2-Chlorophenol	6.575	128	254071	40.121	ng	96
9) Benzaldehyde	6.340	77	155074	39.396	ng	100
10) Phenol	6.446	94	307937	39.942	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	227223	39.239	ng	99
12) 1,3-Dichlorobenzene	6.728	146	265506	39.713	ng	98
13) 1,4-Dichlorobenzene	6.804	146	265354	38.847	ng	98
14) 1,2-Dichlorobenzene	6.963	146	252127	39.770	ng	100
15) Benzyl Alcohol	6.934	79	221923	39.069	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	389773	39.320	ng	99
17) 2-Methylphenol	7.051	107	195478	39.445	ng	99
18) Hexachloroethane	7.298	117	100140	39.613	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	179697	40.556	ng	97
20) 3+4-Methylphenols	7.204	107	244214	38.777	ng	98
22) Acetophenone	7.198	105	352167	39.294	ng	99
24) Nitrobenzene	7.375	77	268254	39.825	ng	100
25) Isophorone	7.610	82	437623	39.733	ng	100
26) 2-Nitrophenol	7.687	139	137445	41.014	ng	99
27) 2,4-Dimethylphenol	7.728	122	158012	40.362	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	285112	40.398	ng	100
29) 2,4-Dichlorophenol	7.940	162	213366	40.337	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	229655	39.869	ng	99
31) Naphthalene	8.092	128	749587	39.968	ng	100
32) Benzoic acid	7.857	122	163033	40.092	ng	98
33) 4-Chloroaniline	8.145	127	235464	35.960	ng	100
34) Hexachlorobutadiene	8.210	225	137788	39.845	ng	99
35) Caprolactam	8.516	113	67233	41.746	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	234989	40.105	ng	100
37) 2-Methylnaphthalene	8.787	142	481204	39.430	ng	100
38) 1-Methylnaphthalene	8.881	142	465894	39.416	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	226553	39.480	ng	99
41) Hexachlorocyclopentadiene	8.934	237	76451	40.055	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	145794	39.310	ng	98

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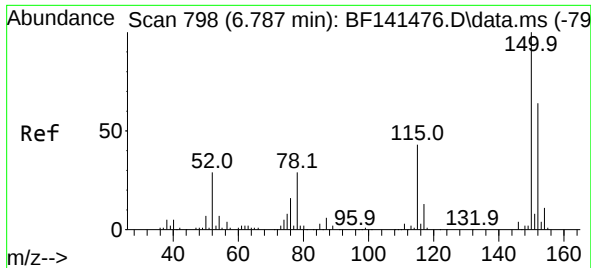
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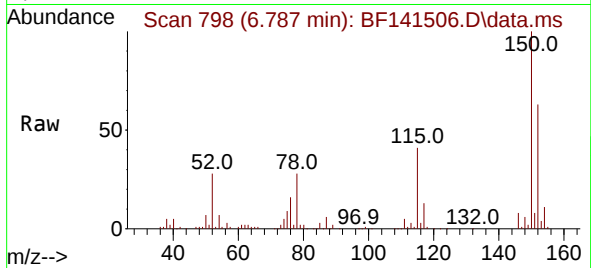
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	158176	39.352	ng	99
46) 1,1'-Biphenyl	9.251	154	606143	39.417	ng	100
47) 2-Chloronaphthalene	9.275	162	448999	39.485	ng	100
48) 2-Nitroaniline	9.375	65	152856	40.054	ng	98
49) Acenaphthylene	9.686	152	673155	39.800	ng	99
50) Dimethylphthalate	9.551	163	530887	39.426	ng	99
51) 2,6-Dinitrotoluene	9.616	165	116863	39.701	ng	99
52) Acenaphthene	9.863	154	442729m	38.936	ng	
53) 3-Nitroaniline	9.786	138	124846	39.406	ng	99
54) 2,4-Dinitrophenol	9.892	184	67053	38.328	ng	97
55) Dibenzofuran	10.034	168	656713	39.347	ng	100
56) 4-Nitrophenol	9.957	139	95307	40.524	ng	97
57) 2,4-Dinitrotoluene	10.016	165	158641	40.483	ng	97
58) Fluorene	10.375	166	507132	39.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137272	39.668	ng	97
60) Diethylphthalate	10.251	149	520921	39.320	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	244431	39.371	ng	99
62) 4-Nitroaniline	10.398	138	129336	40.203	ng	97
63) Azobenzene	10.528	77	516030	39.181	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	94709	39.992	ng	98
66) n-Nitrosodiphenylamine	10.486	169	430480	39.446	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	148075	38.862	ng	96
68) Hexachlorobenzene	10.922	284	156412	39.865	ng	98
69) Atrazine	11.016	200	124255	37.952	ng	99
70) Pentachlorophenol	11.122	266	100181	39.932	ng	99
71) Phenanthrene	11.339	178	737878	39.319	ng	99
72) Anthracene	11.392	178	746361	39.564	ng	100
73) Carbazole	11.545	167	684333	40.316	ng	100
74) Di-n-butylphthalate	11.880	149	785155	40.060	ng	100
75) Fluoranthene	12.527	202	796201	40.018	ng	99
77) Benzidine	12.651	184	232310	44.226	ng	99
78) Pyrene	12.757	202	810550	39.977	ng	100
80) Butylbenzylphthalate	13.374	149	305087	43.443	ng	99
81) Benzo(a)anthracene	13.945	228	626940	39.598	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	183288	40.414	ng	98
83) Chrysene	13.986	228	556110	38.041	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	361384	45.626	ng	99
85) Di-n-octyl phthalate	14.563	149	484418	42.871	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	480414	40.313	ng	100
88) Benzo(b)fluoranthene	14.998	252	549964	42.468	ng	99
89) Benzo(k)fluoranthene	15.027	252	412835	37.333	ng	99
90) Benzo(a)pyrene	15.357	252	420423	40.121	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	390089	40.397	ng	100
92) Benzo(g,h,i)perylene	17.298	276	396572	39.245	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: BF141506.D
 Acq: 07 Feb 2025 14:33

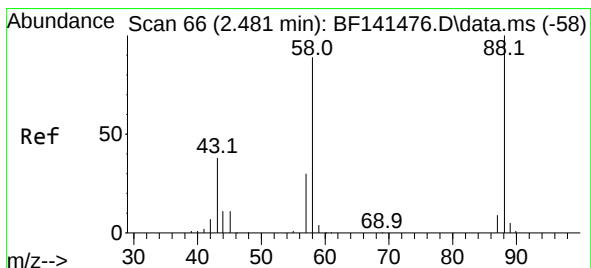
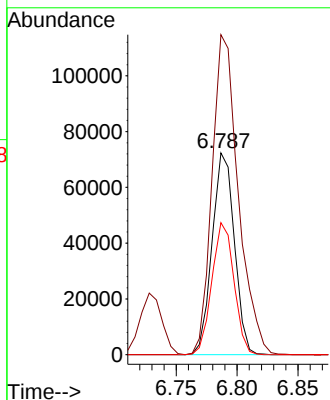
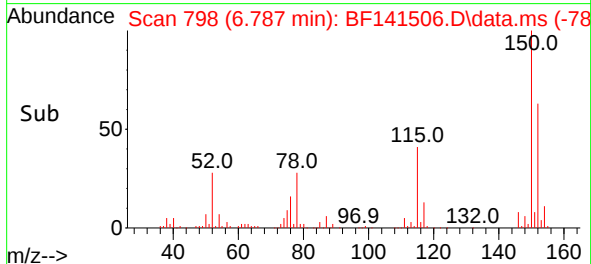
Instrument :
 BNA_F
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 SSTDCCC040



Tgt Ion:152 Resp: 91880
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.0 187.4
 115 65.4 53.6 80.4

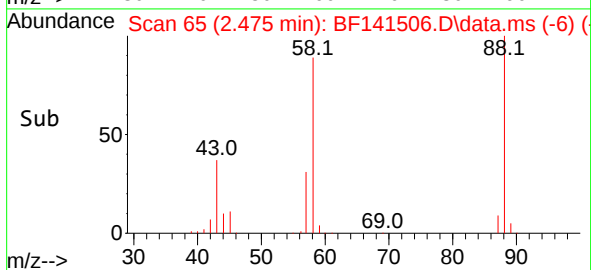
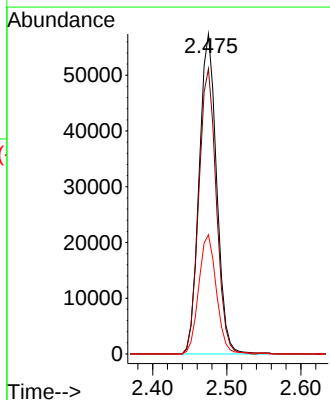
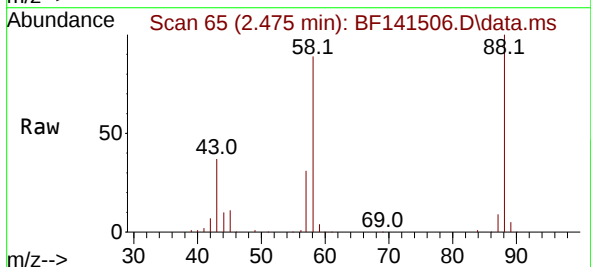
Manual Integrations
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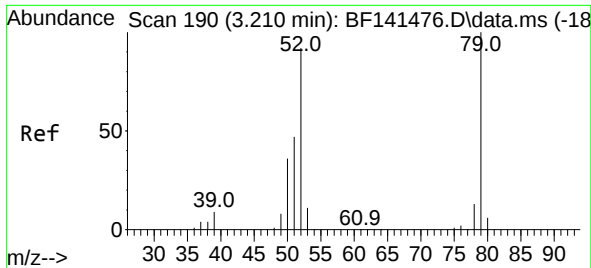
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025



#2
 1,4-Dioxane
 Concen: 39.852 ng
 RT: 2.475 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BF141506.D
 Acq: 07 Feb 2025 14:33

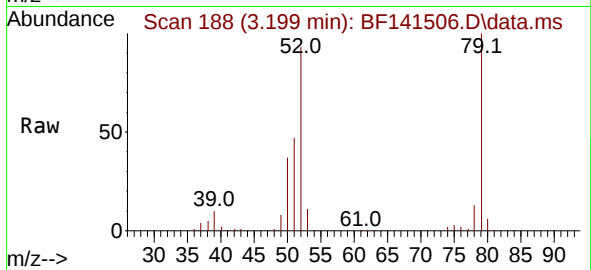
Tgt Ion: 88 Resp: 94001
 Ion Ratio Lower Upper
 88 100
 58 89.1 71.1 106.7
 43 37.9 30.6 46.0





#3
Pyridine
Concen: 41.842 ng
RT: 3.199 min Scan# 188
Delta R.T. -0.017 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

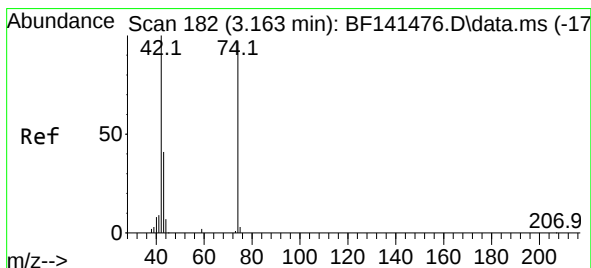
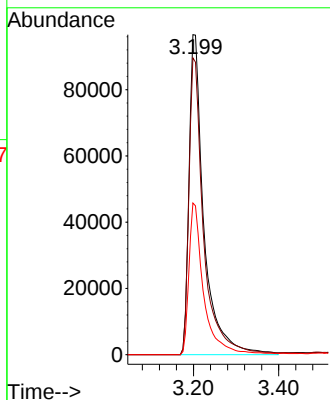
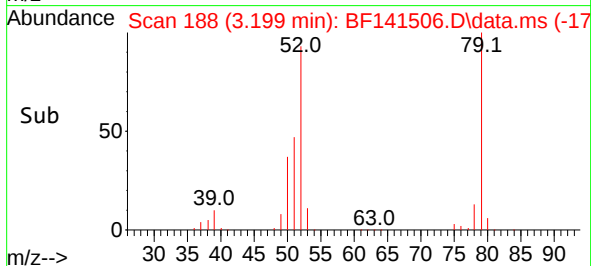
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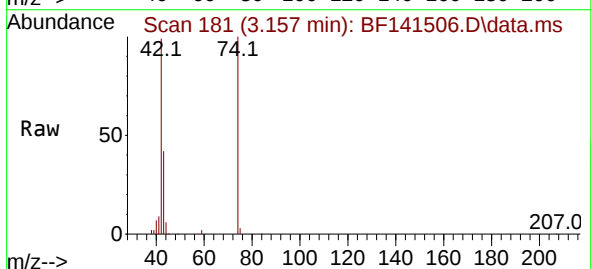
Tgt Ion: 79 Resp: 23486
Ion Ratio Lower Upper
79 100
52 92.8 73.7 110.5
51 47.4 37.5 56.3

Manual Integrations
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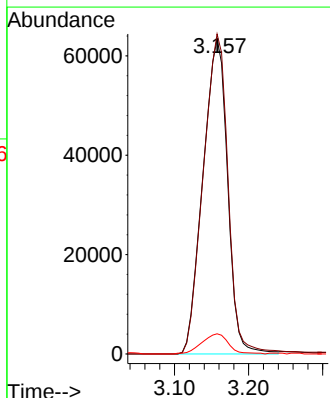
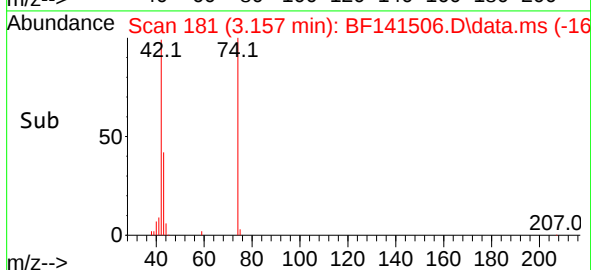
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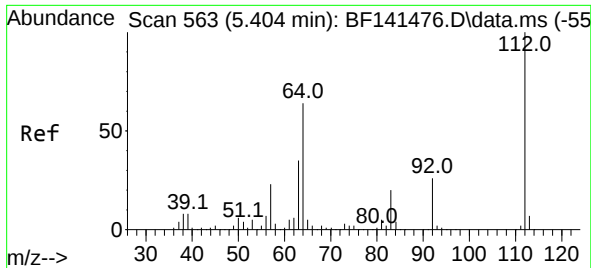


#4
n-Nitrosodimethylamine
Concen: 39.505 ng
RT: 3.157 min Scan# 181
Delta R.T. -0.029 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion: 42 Resp: 146825
Ion Ratio Lower Upper
42 100
74 101.5 78.0 117.0
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 81.160 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

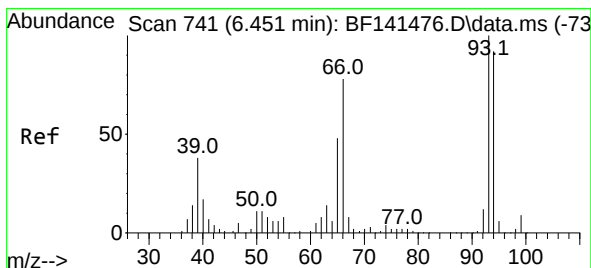
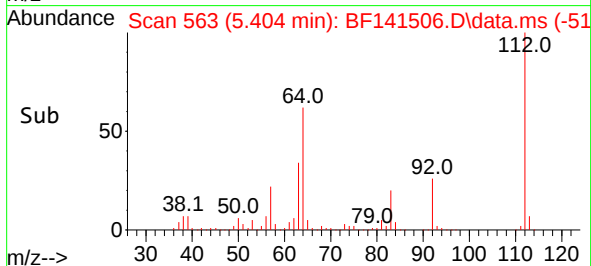
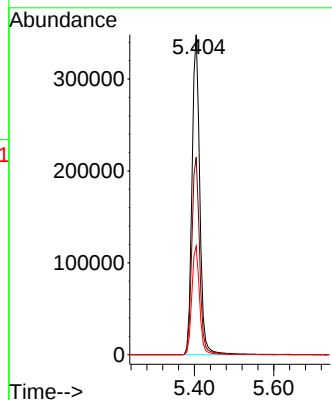
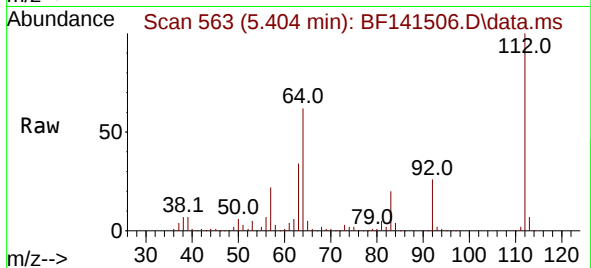
SSTDCCC040

Tgt Ion:112 Resp: 475650
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 33.9 28.4 42.6

Manual Integrations

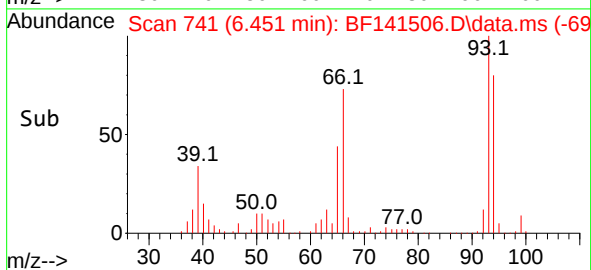
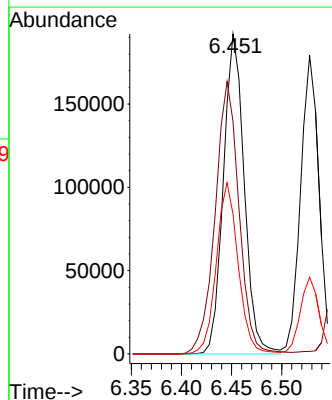
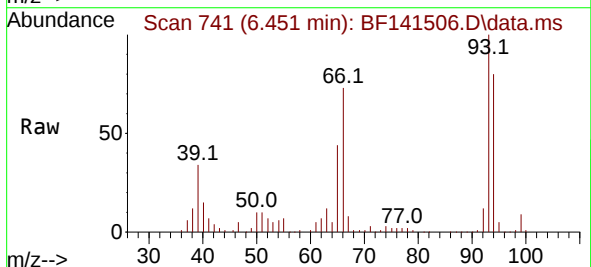
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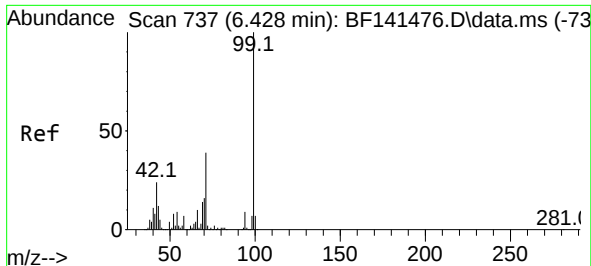
Reviewed By :Anahy Claudio 02/10/2025
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#6
Aniline
Concen: 39.807 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

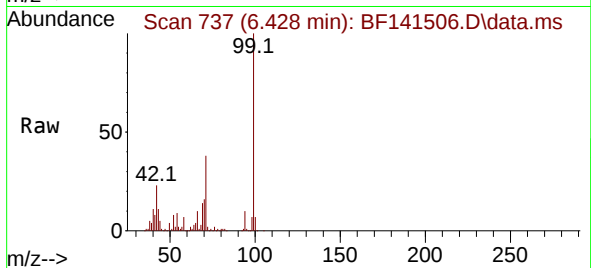
Tgt Ion: 93 Resp: 276601
Ion Ratio Lower Upper
93 100
66 72.6 62.6 94.0
65 43.8 38.3 57.5





#7
Phenol-d6
Concen: 79.333 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

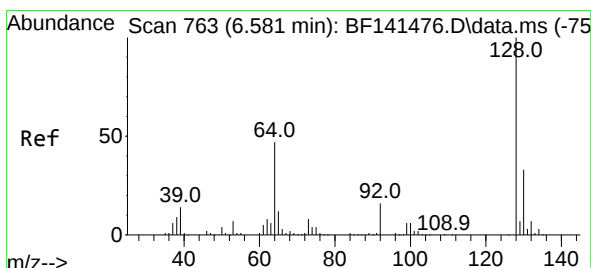
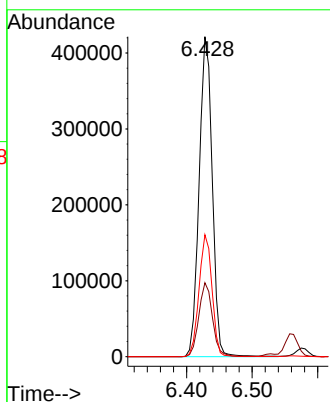
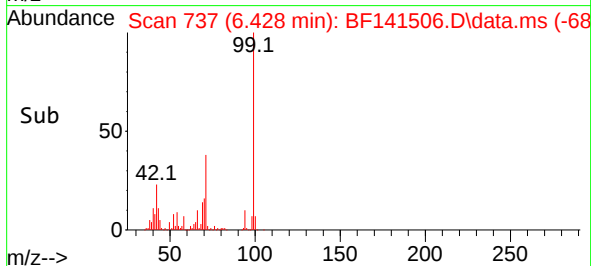
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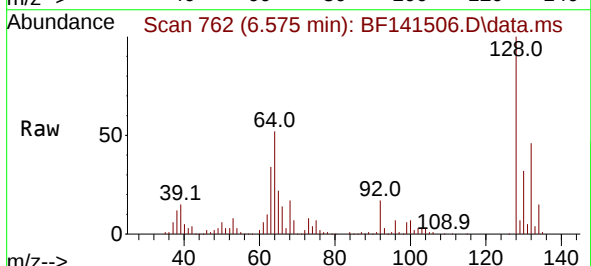
Tgt Ion: 99 Resp: 587648
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 38.1 31.1 46.7

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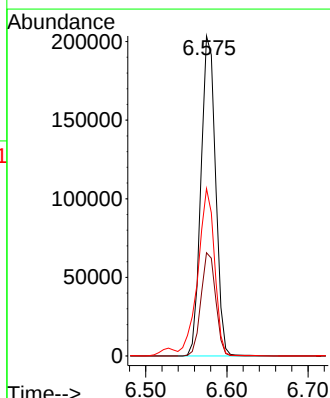
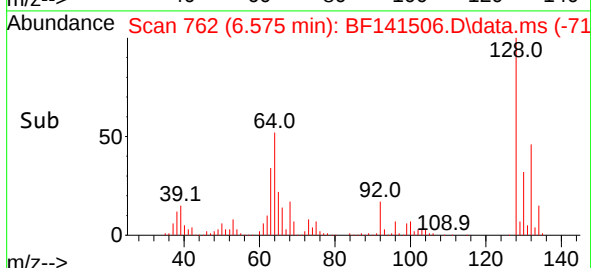
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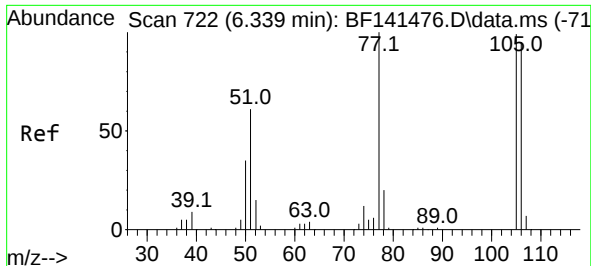


#8
2-Chlorophenol
Concen: 40.121 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



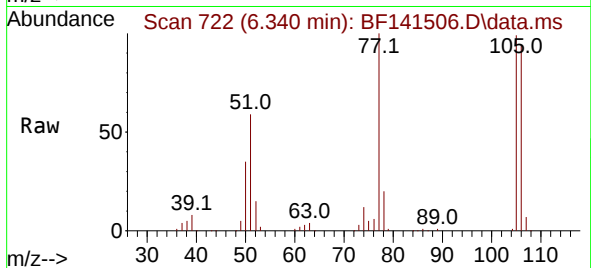
Tgt Ion:128 Resp: 254071
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 52.3 28.3 68.3





#9
Benzaldehyde
Concen: 39.396 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

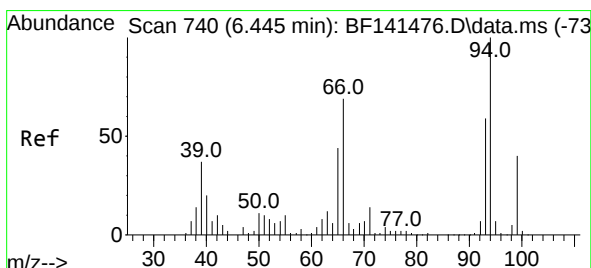
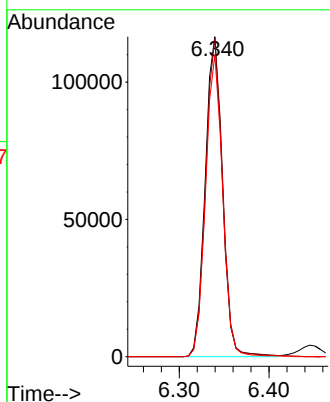
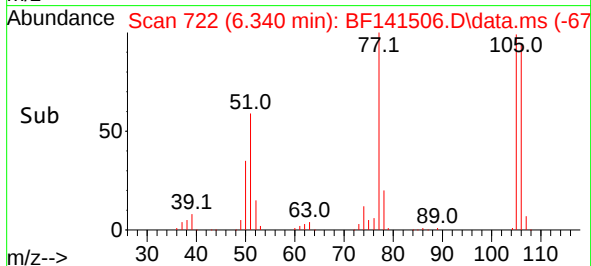
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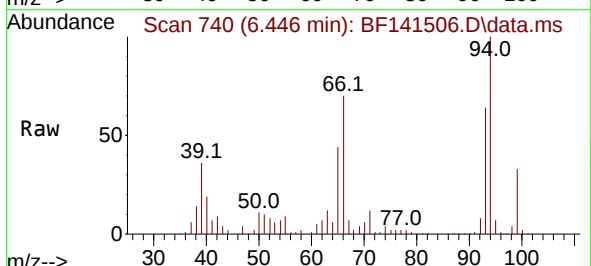
Tgt Ion: 77 Resp: 155074
Ion Ratio Lower Upper
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105 99.4 79.4 119.4
106 94.3 75.1 115.1

Manual Integrations
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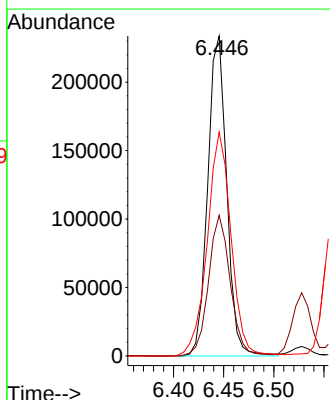
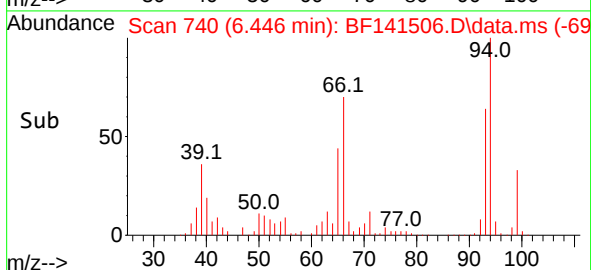
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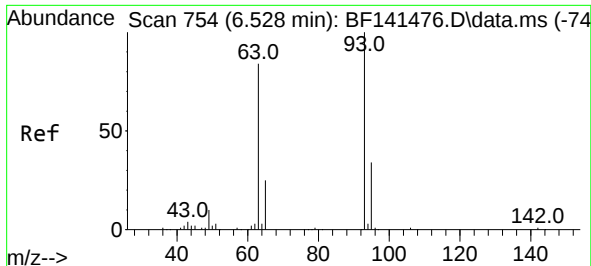


#10
Phenol
Concen: 39.942 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



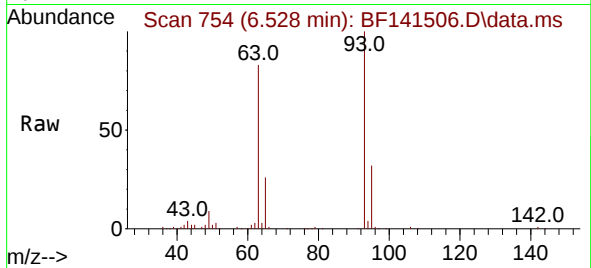
Tgt Ion: 94 Resp: 307937
Ion Ratio Lower Upper
94 100
65 44.0 23.7 63.7
66 70.0 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 39.239 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

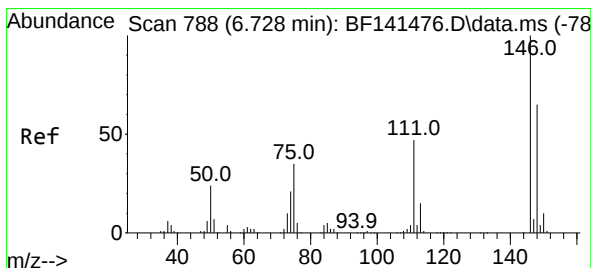
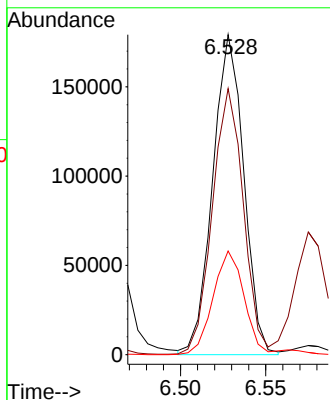
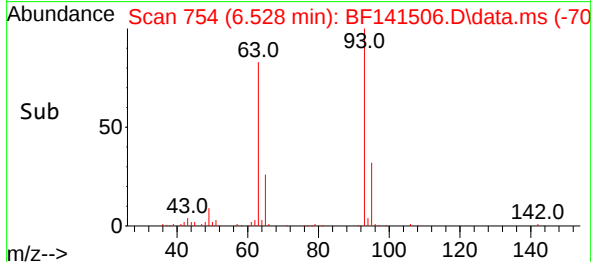
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



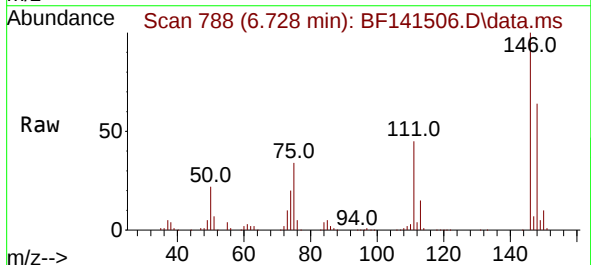
Tgt Ion: 93 Resp: 22722
Ion Ratio Lower Upper
93 100
63 83.1 62.0 102.0
95 32.4 12.6 52.6

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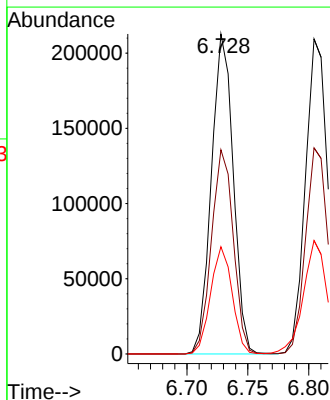
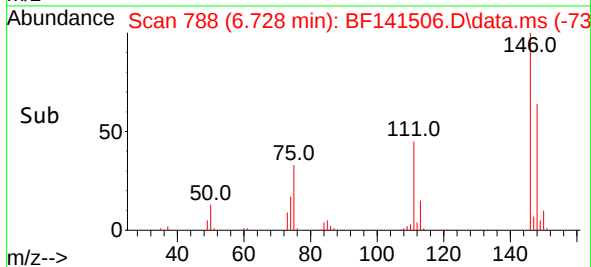
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

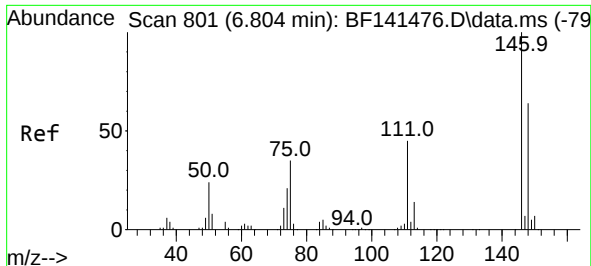


#12
1,3-Dichlorobenzene
Concen: 39.713 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



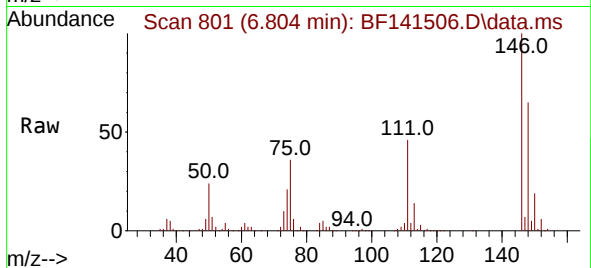
Tgt Ion:146 Resp: 265506
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 33.5 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 38.847 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

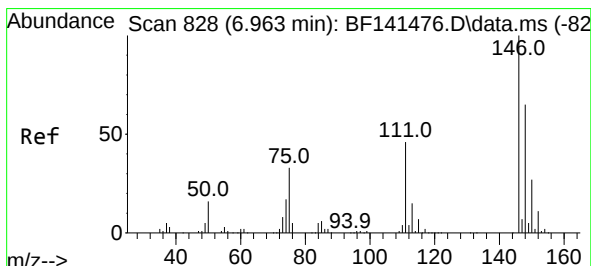
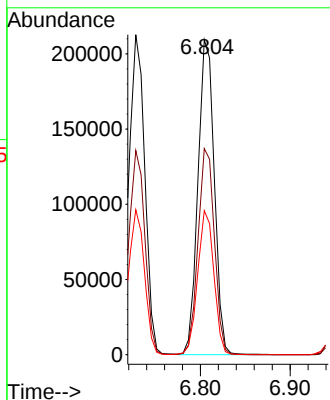
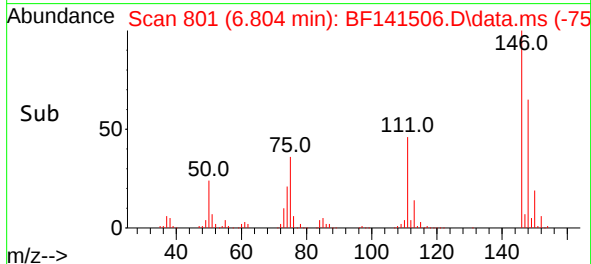
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



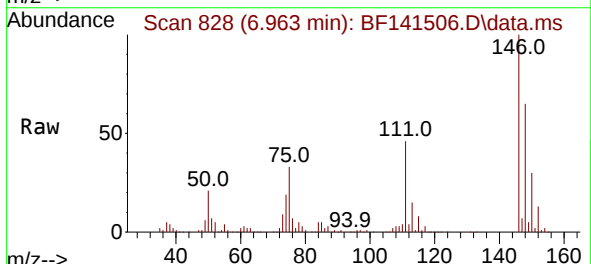
Tgt Ion:146 Resp: 265354
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
111 45.7 35.9 53.9

Manual Integrations
APPROVED

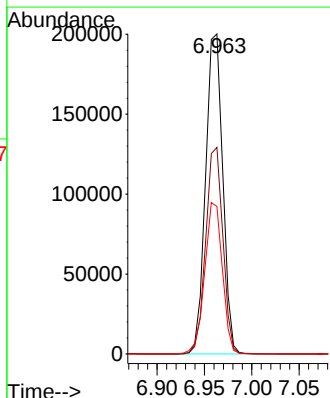
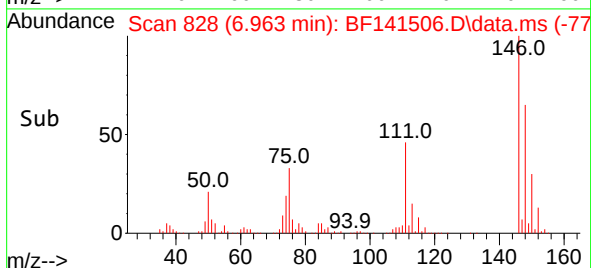
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

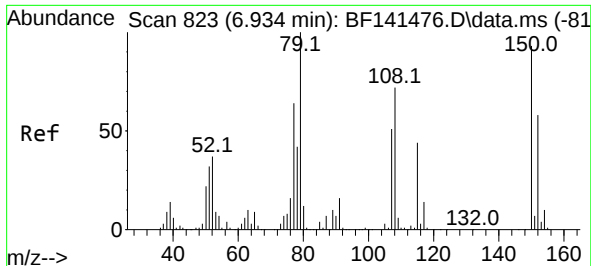


#14
1,2-Dichlorobenzene
Concen: 39.770 ng
RT: 6.963 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



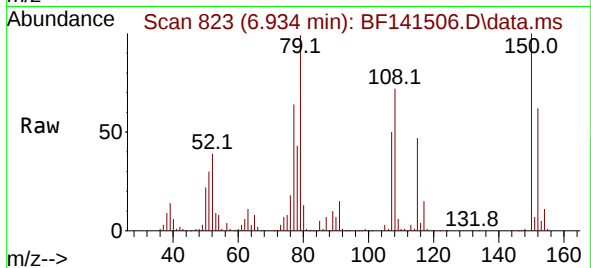
Tgt Ion:146 Resp: 252127
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 46.1 37.0 55.4





#15
Benzyl Alcohol
Concen: 39.069 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

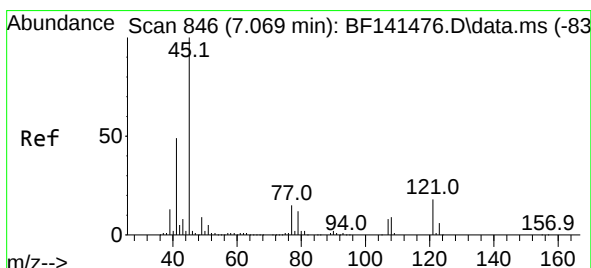
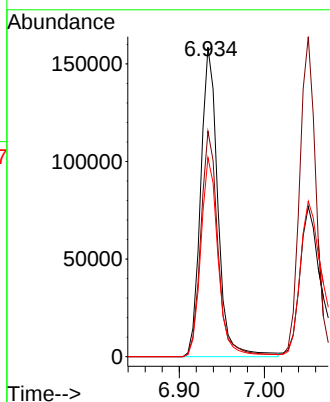
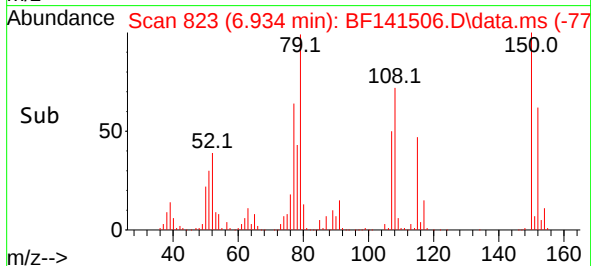
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



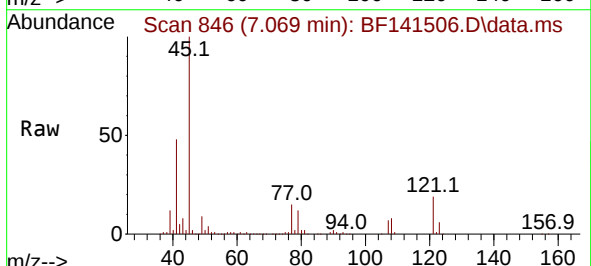
Tgt Ion: 79 Resp: 22192
Ion Ratio Lower Upper
79 100
108 72.8 57.4 86.2
77 64.3 50.9 76.3

Manual Integrations
APPROVED

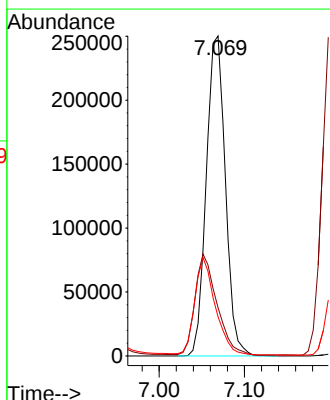
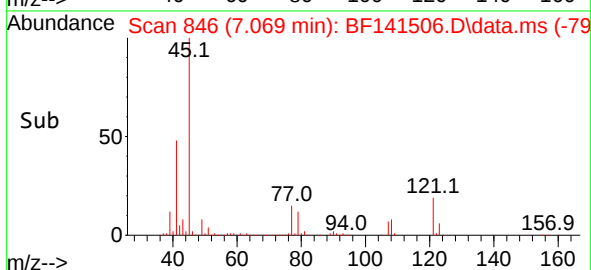
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

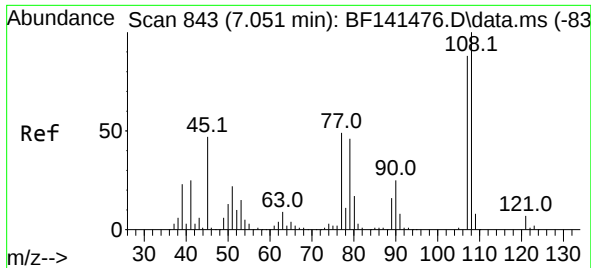


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.320 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion: 45 Resp: 389773
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.8
79 12.2 0.0 32.7





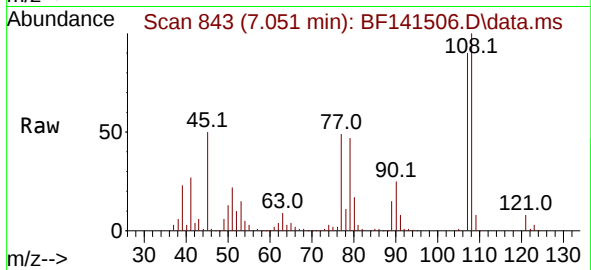
#17
2-Methylphenol
Concen: 39.445 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

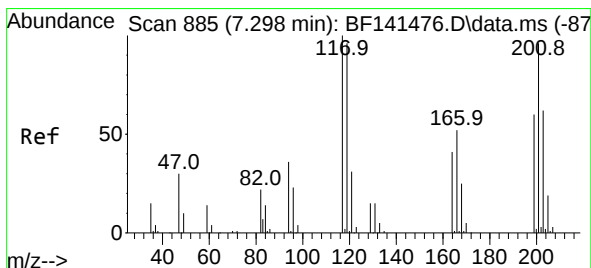
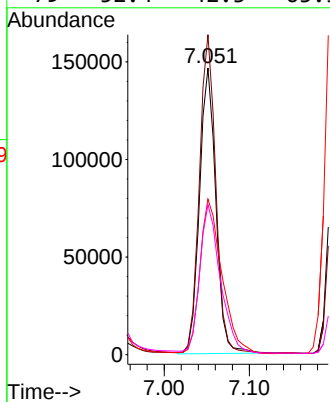
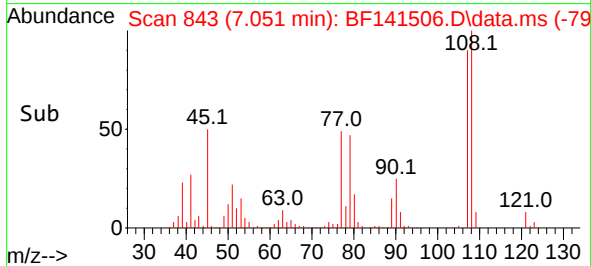


Tgt Ion:107 Resp: 195478
Ion Ratio Lower Upper
107 100
108 111.7 90.6 136.0
77 54.3 44.4 66.6
79 52.4 42.3 63.5

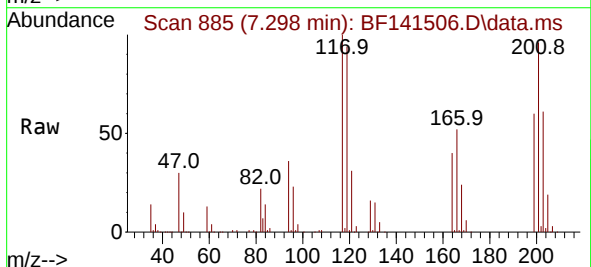
Manual Integrations

APPROVED

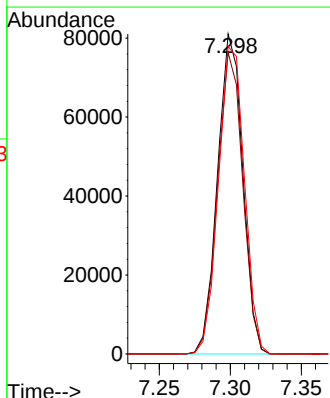
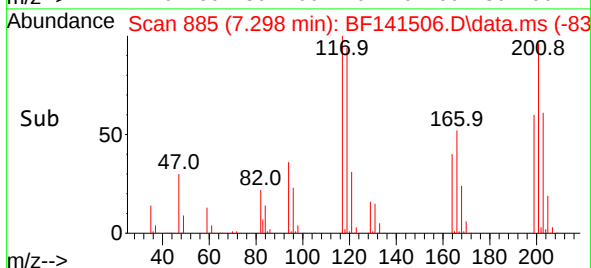
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

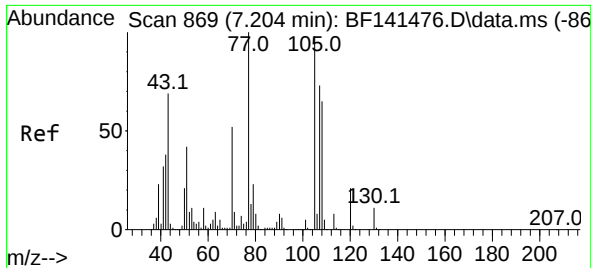


#18
Hexachloroethane
Concen: 39.613 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



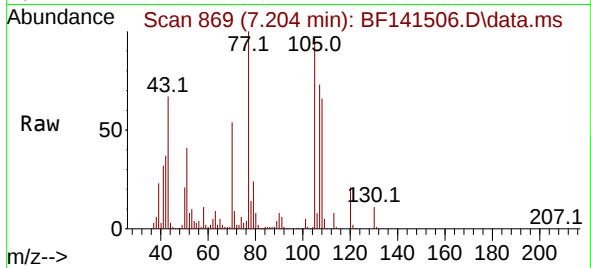
Tgt Ion:117 Resp: 100140
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
201 96.1 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.556 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

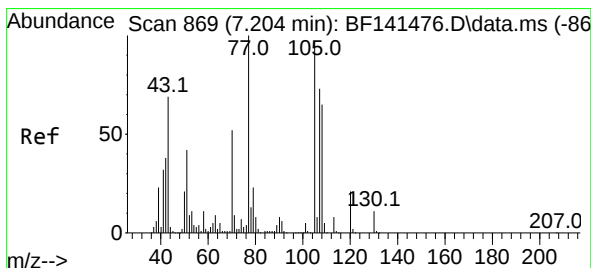
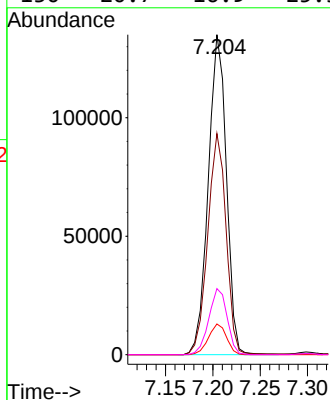
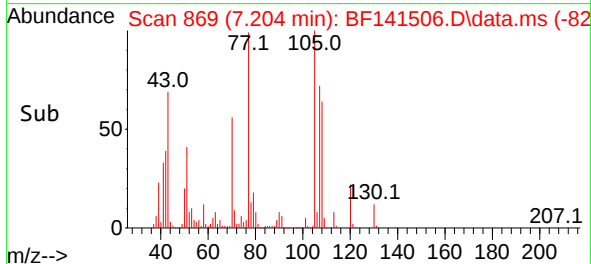
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



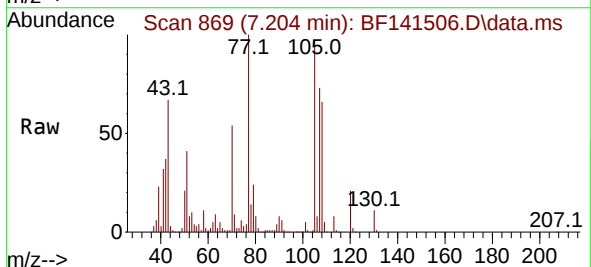
Tgt Ion: 70 Resp: 179697
Ion Ratio Lower Upper
70 100
42 69.1 57.4 86.2
101 9.6 8.0 12.0
130 20.7 16.9 25.3

Manual Integrations
APPROVED

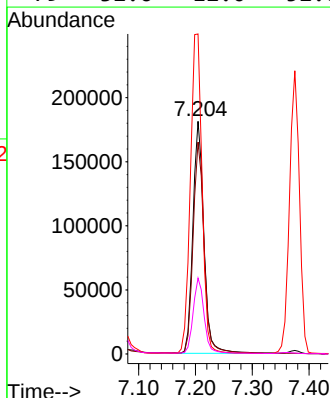
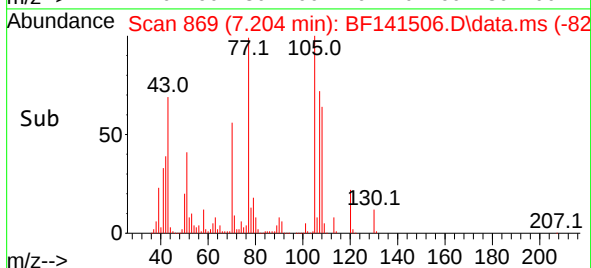
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

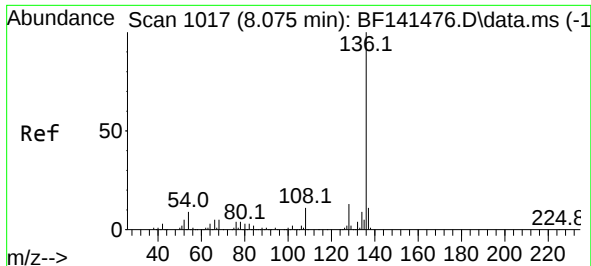


#20
3+4-Methylphenols
Concen: 38.777 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



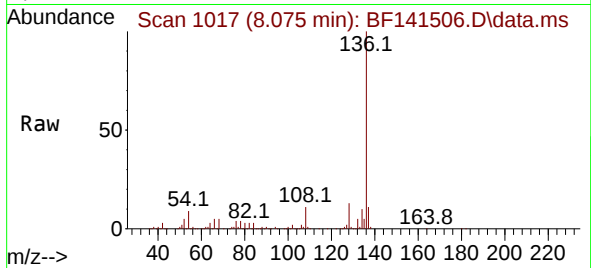
Tgt Ion:107 Resp: 244214
Ion Ratio Lower Upper
107 100
108 91.0 68.5 108.5
77 137.5 116.5 156.5
79 32.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

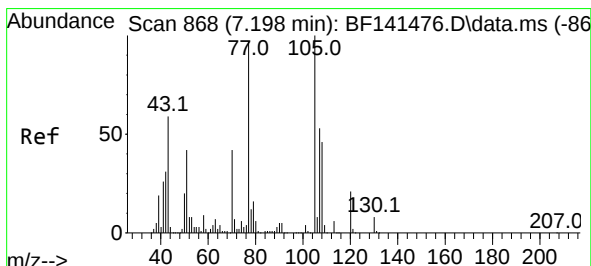
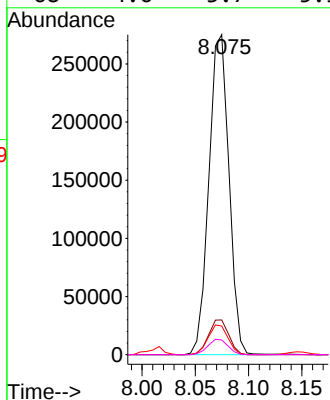
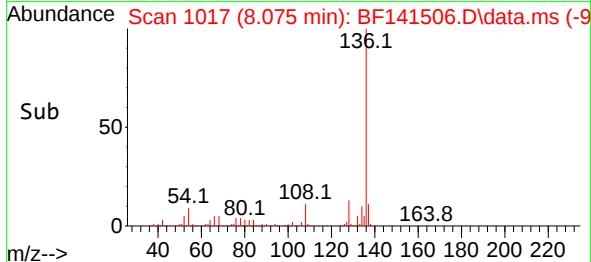
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 360290
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.2 10.8
68 4.6 3.7 5.5

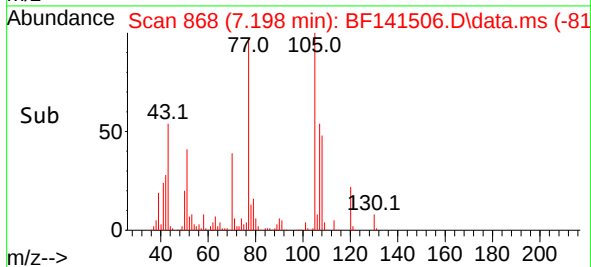
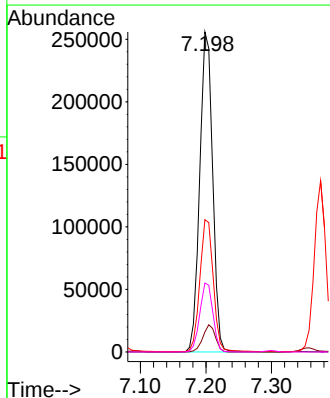
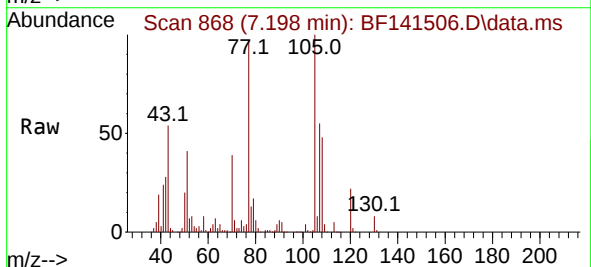
Manual Integrations
APPROVED

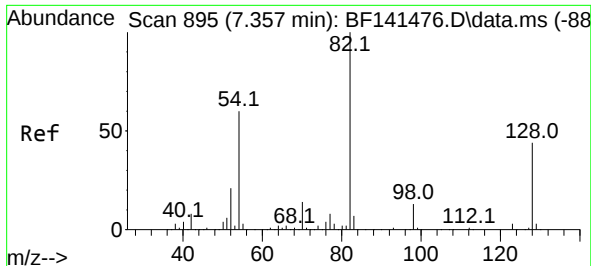
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 39.294 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:105 Resp: 352167
Ion Ratio Lower Upper
105 100
71 6.3 5.7 8.5
51 41.3 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.140 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

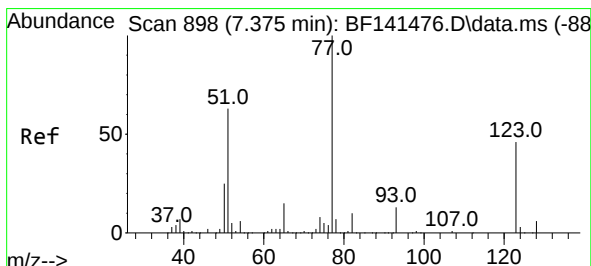
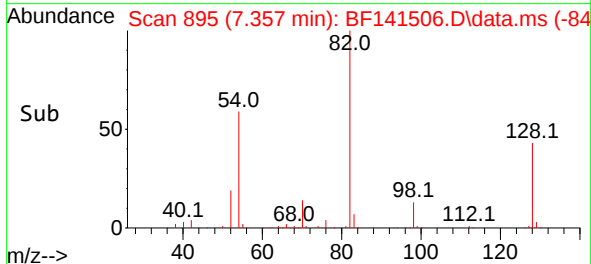
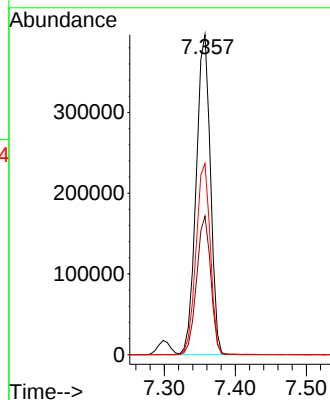
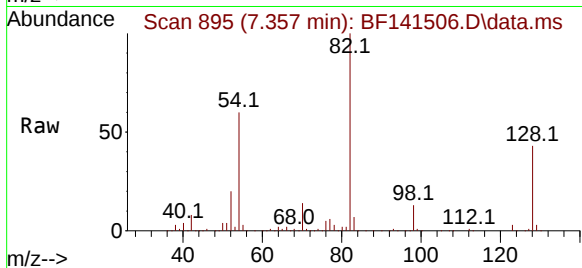
SSTDCCC040

Tgt Ion: 82 Resp: 553579
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.8 52.2
 54 59.7 48.2 72.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 39.825 ng

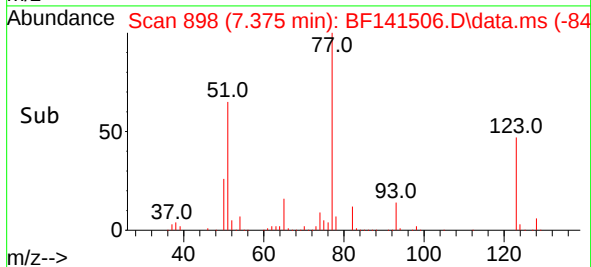
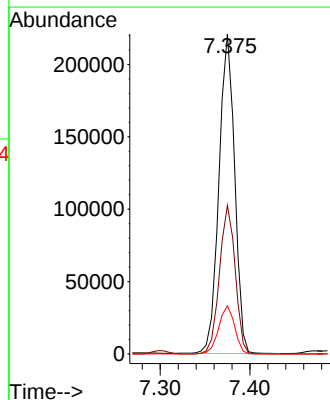
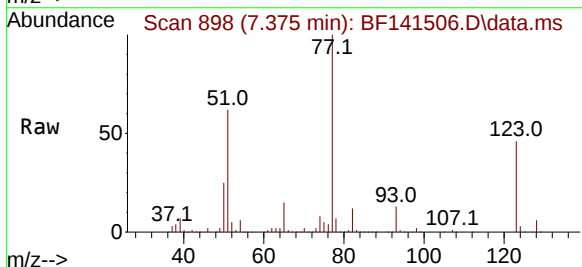
RT: 7.375 min Scan# 898

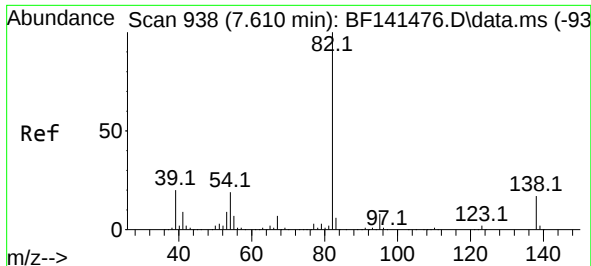
Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

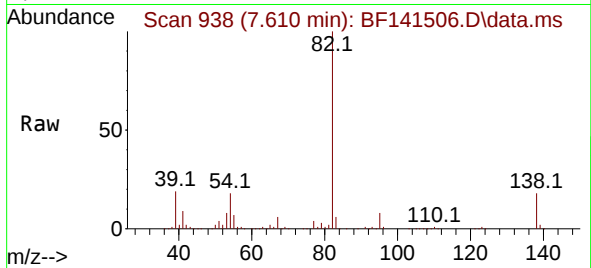
Tgt Ion: 77 Resp: 268254
 Ion Ratio Lower Upper
 77 100
 123 46.4 36.9 55.3
 65 15.0 11.9 17.9





#25
Isophorone
Concen: 39.733 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

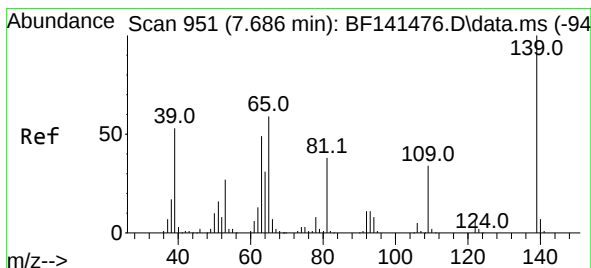
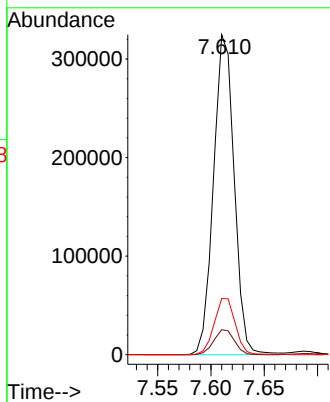
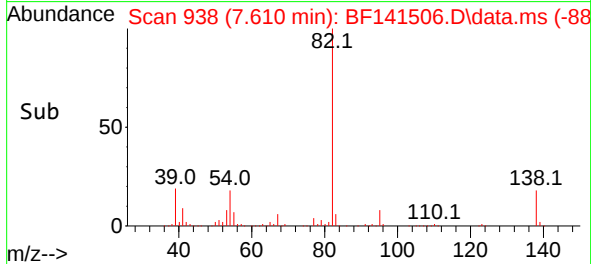
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



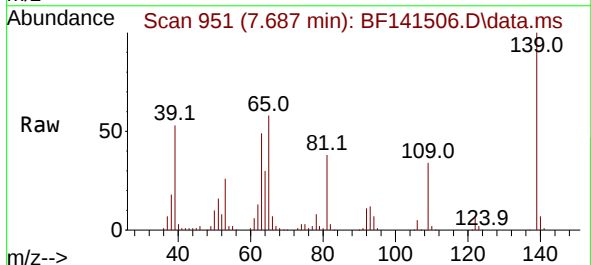
Tgt Ion: 82 Resp: 437623
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.5 13.9 20.9

Manual Integrations
APPROVED

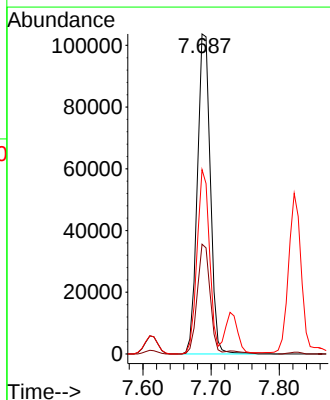
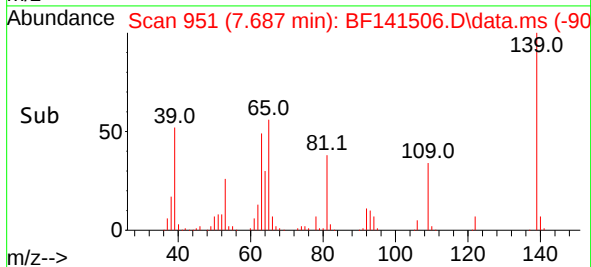
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

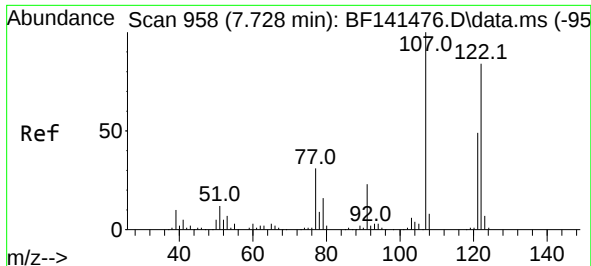


#26
2-Nitrophenol
Concen: 41.014 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:139 Resp: 137445
Ion Ratio Lower Upper
139 100
109 34.3 27.0 40.6
65 57.6 47.1 70.7





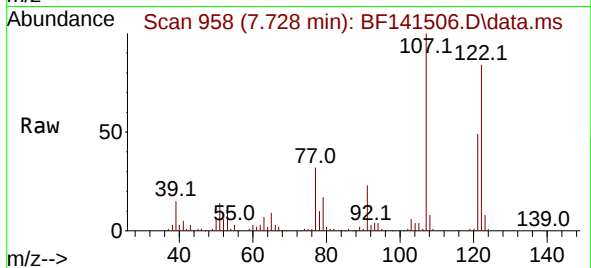
#27
2,4-Dimethylphenol
Concen: 40.362 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

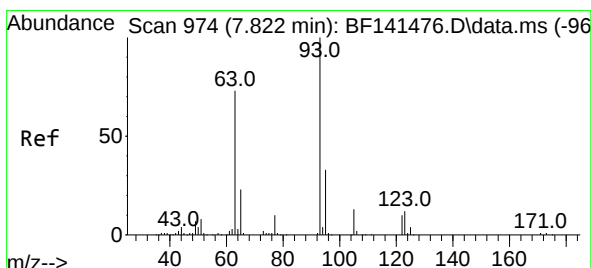
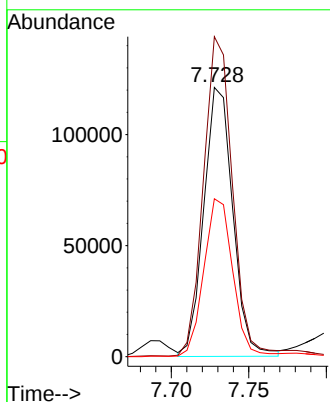
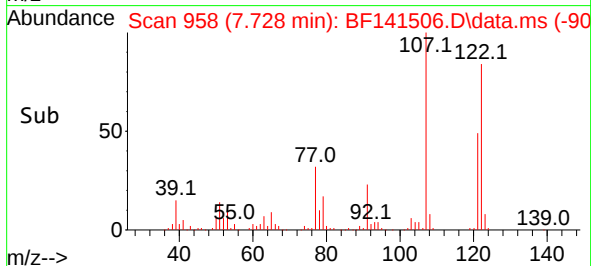


Tgt Ion:122 Resp: 158012
Ion Ratio Lower Upper
122 100
107 118.8 94.3 141.5
121 58.6 46.0 69.0

Manual Integrations

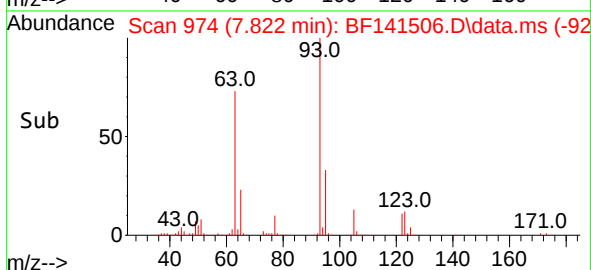
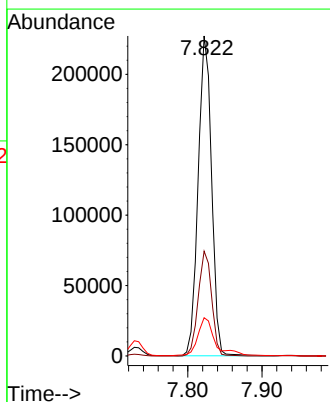
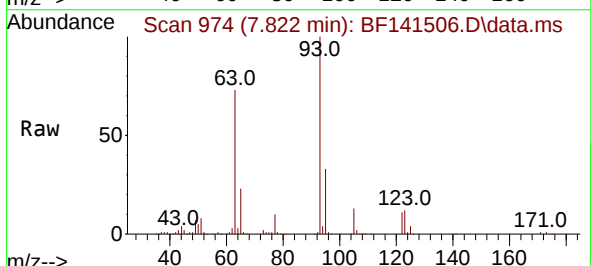
APPROVED

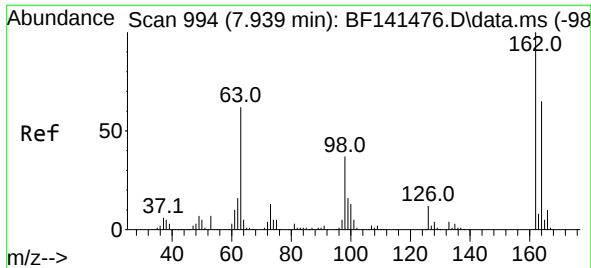
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.398 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion: 93 Resp: 285112
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.337 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141506.D

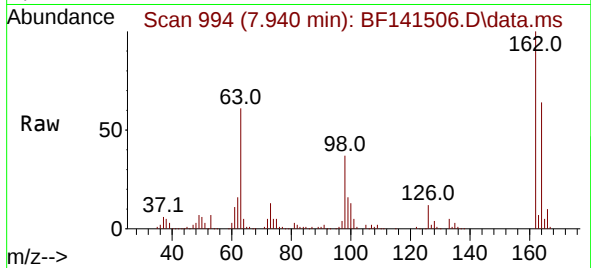
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 213360

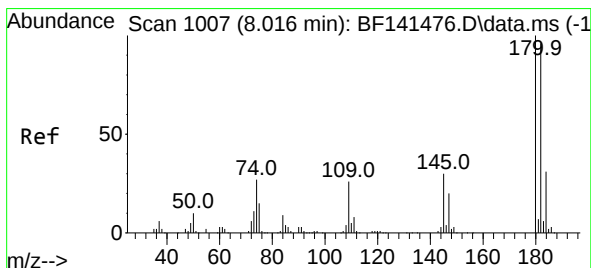
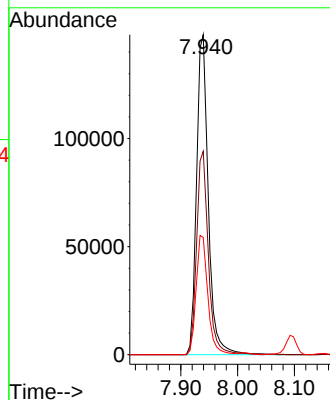
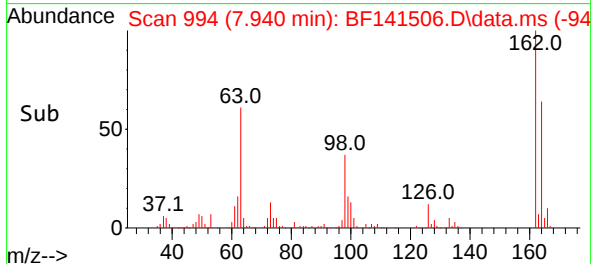
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.7	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.869 ng

RT: 8.016 min Scan# 1007

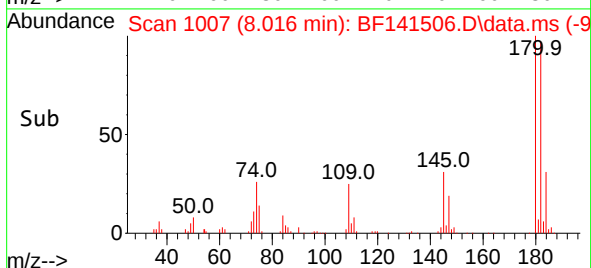
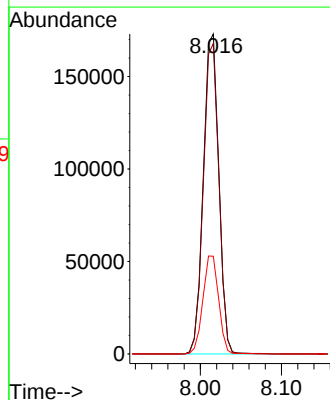
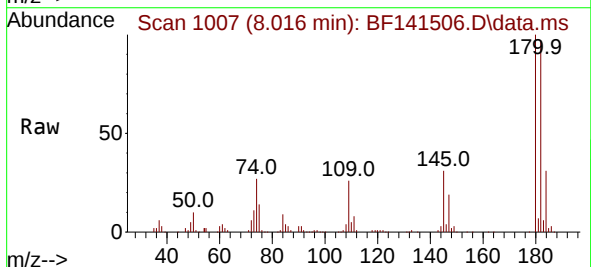
Delta R.T. 0.000 min

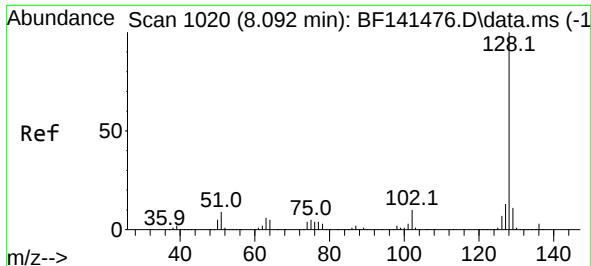
Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Tgt Ion:180 Resp: 229655

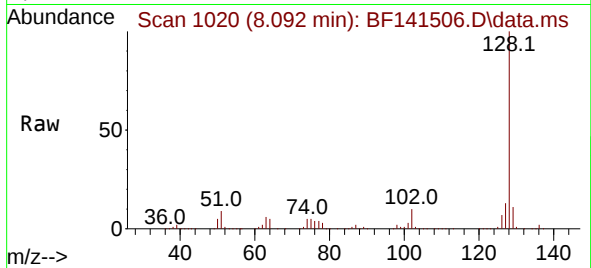
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	30.5	24.2	36.4





#31
Naphthalene
Concen: 39.968 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

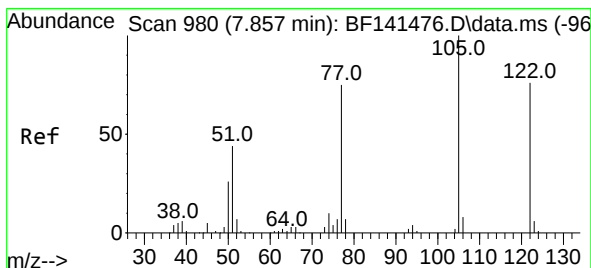
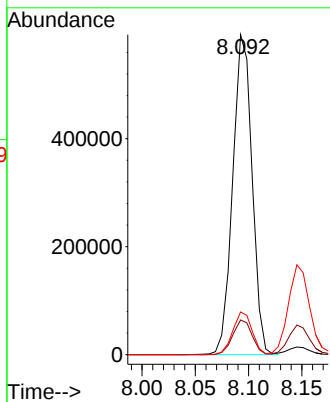
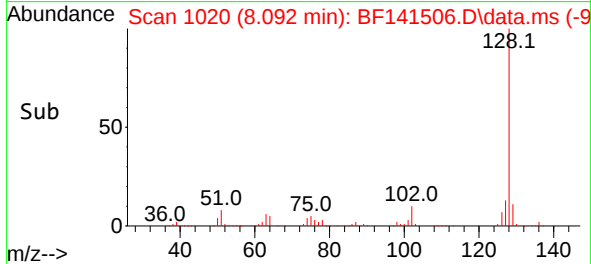
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 74958
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1

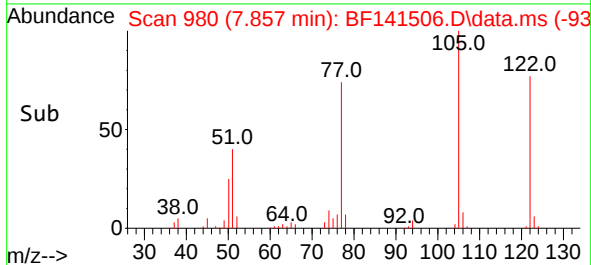
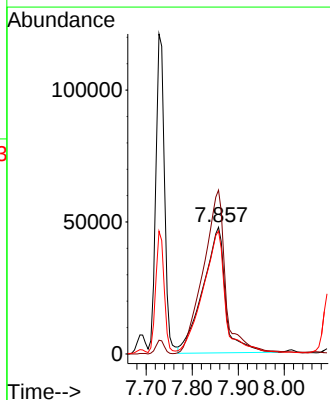
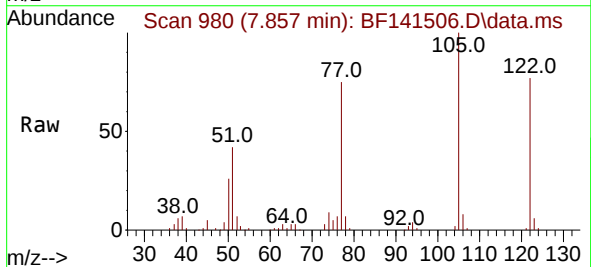
Manual Integrations
APPROVED

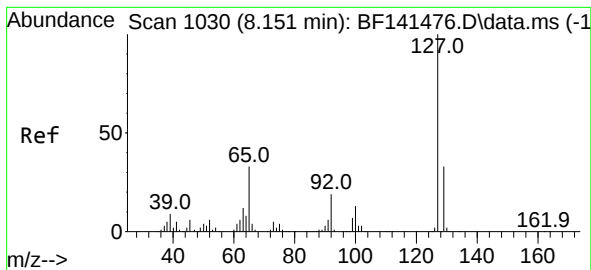
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#32
Benzoic acid
Concen: 40.092 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:122 Resp: 163033
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 97.1 76.3 116.3





#33
4-Chloroaniline
Concen: 35.960 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

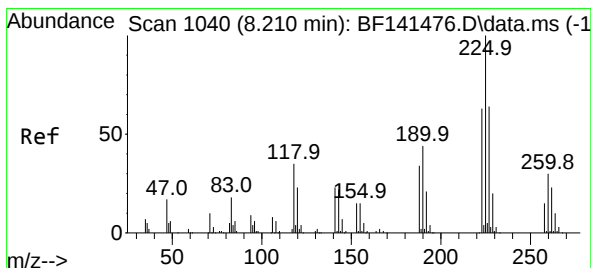
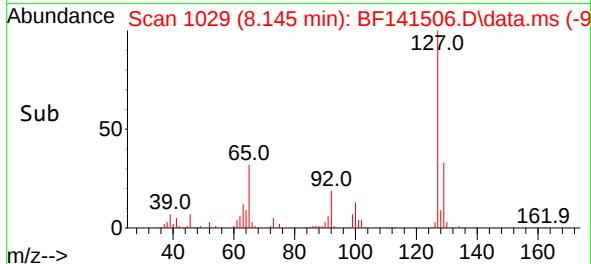
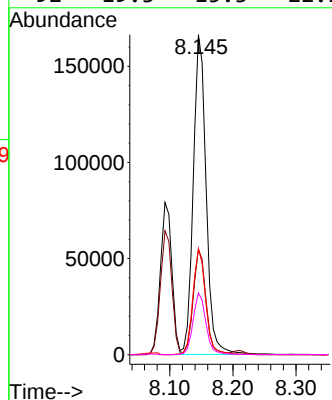
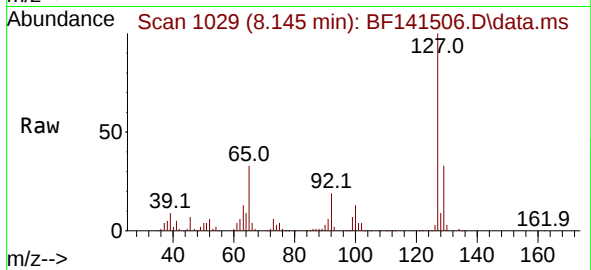
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 23546
Ion Ratio Lower Upper
127 100
129 32.9 26.5 39.7
65 33.2 26.4 39.6
92 19.3 15.3 22.9

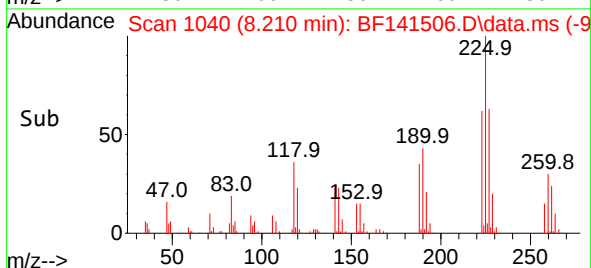
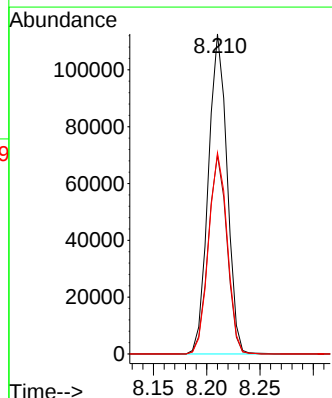
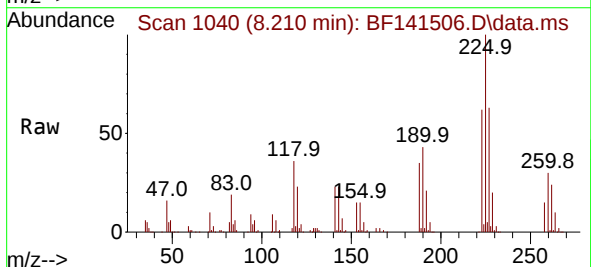
Manual Integrations
APPROVED

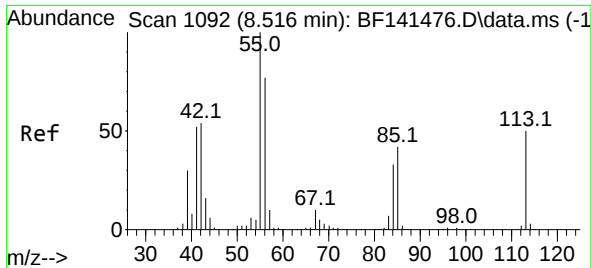
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#34
Hexachlorobutadiene
Concen: 39.845 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:225 Resp: 137788
Ion Ratio Lower Upper
225 100
223 62.2 50.1 75.1
227 62.9 51.0 76.6





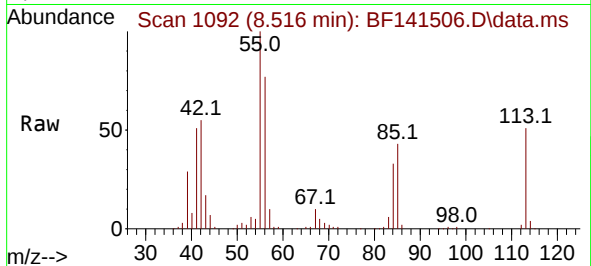
#35
 Caprolactam
 Concen: 41.746 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141506.D
 Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

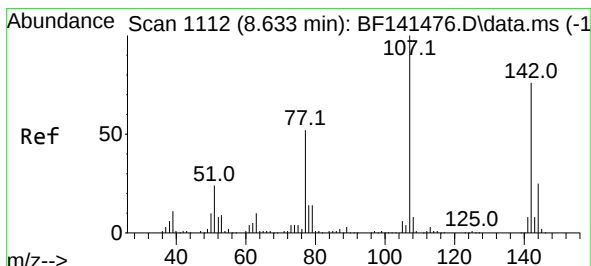
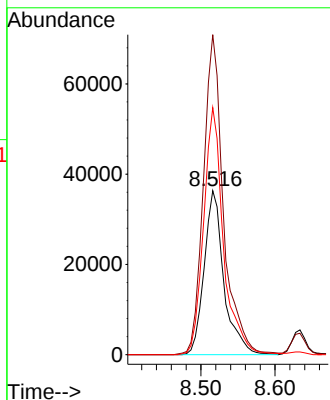
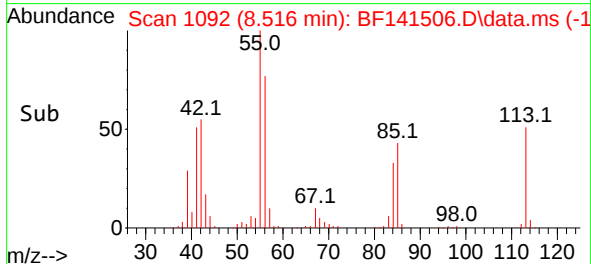


Tgt Ion:113 Resp: 6723
 Ion Ratio Lower Upper
 113 100
 55 195.1 180.8 220.8
 56 150.6 133.6 173.6

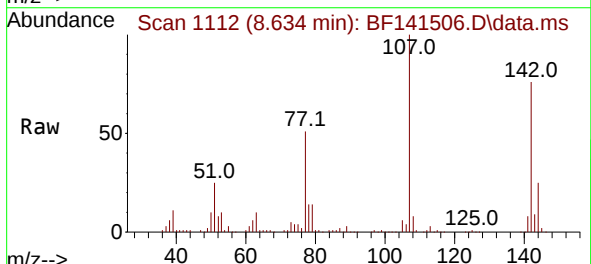
Manual Integrations

APPROVED

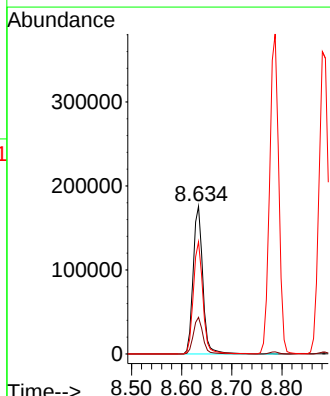
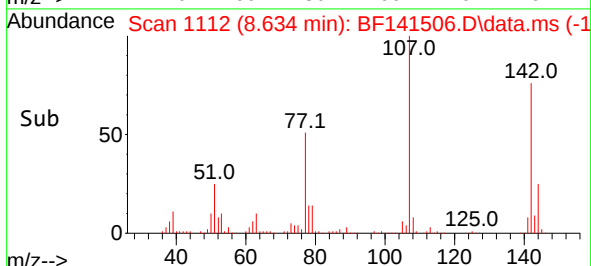
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

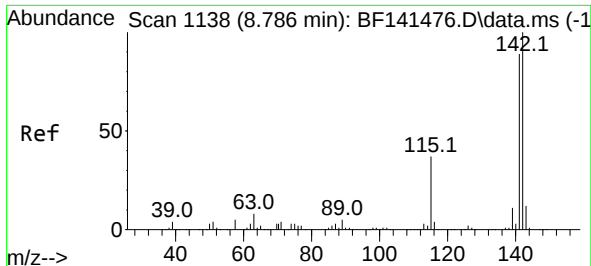


#36
 4-Chloro-3-methylphenol
 Concen: 40.105 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141506.D
 Acq: 07 Feb 2025 14:33



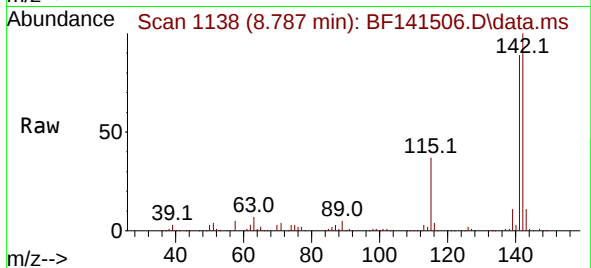
Tgt Ion:107 Resp: 234989
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.0 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.430 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

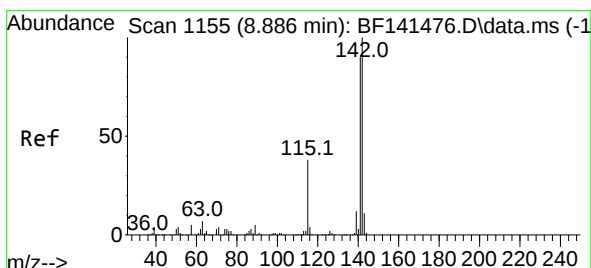
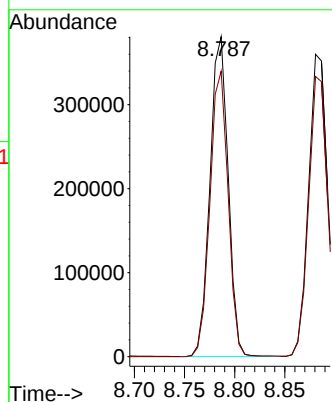
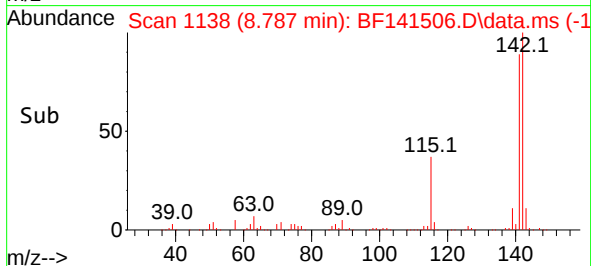
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 481204
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8

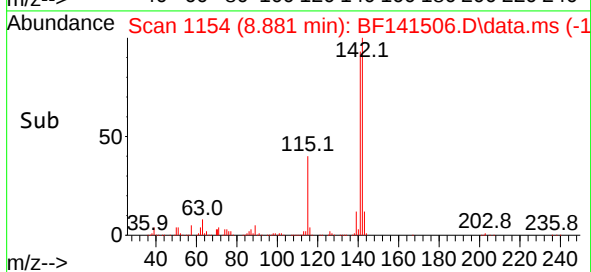
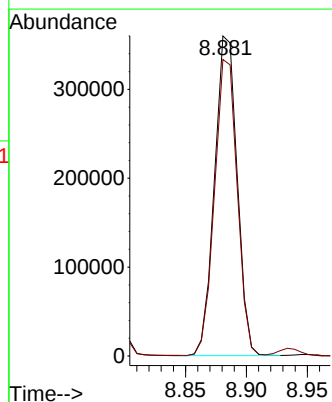
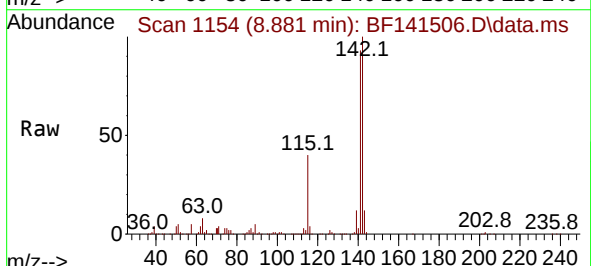
Manual Integrations
APPROVED

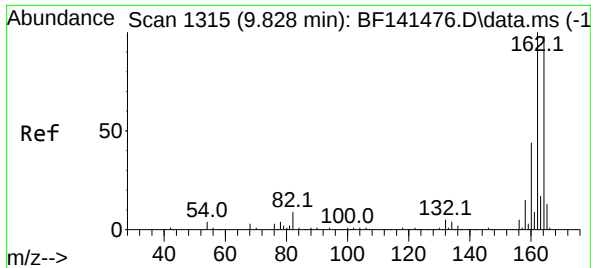
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 39.416 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:142 Resp: 465894
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1





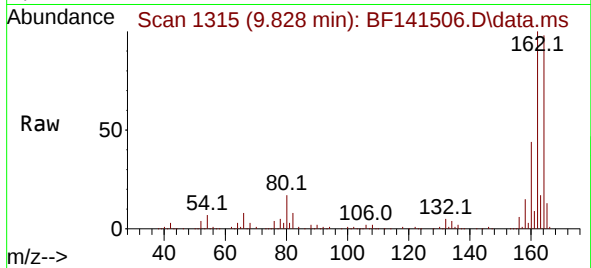
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11315
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

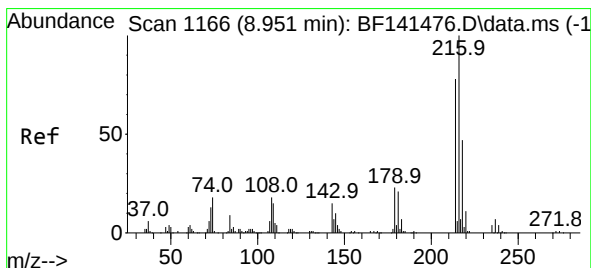
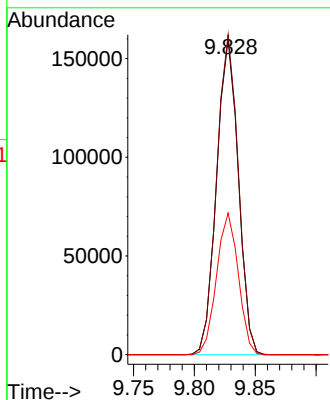
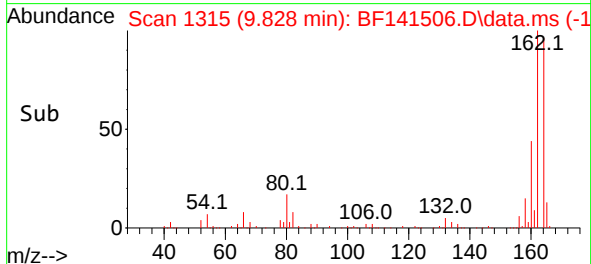


Tgt Ion:164 Resp: 198348
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.0 35.9 53.9

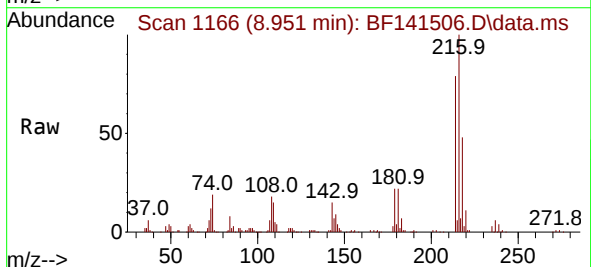
Manual Integrations

APPROVED

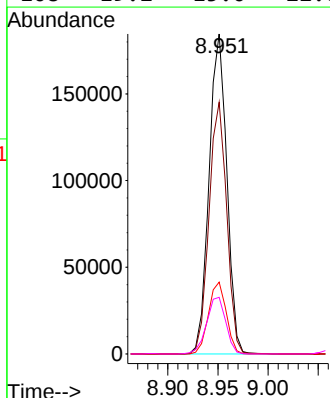
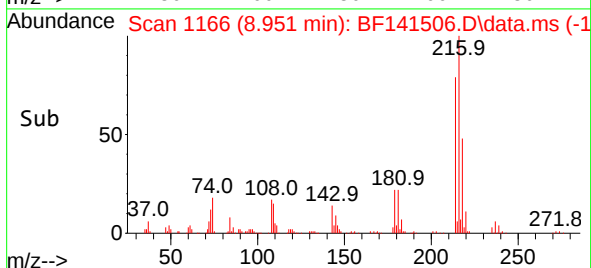
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

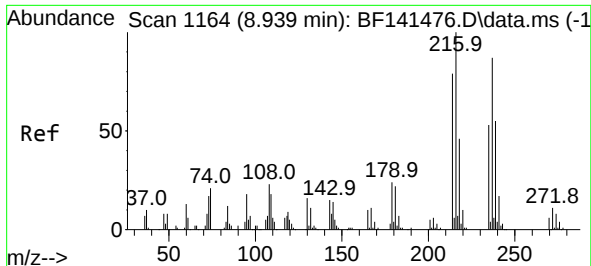


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.480 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



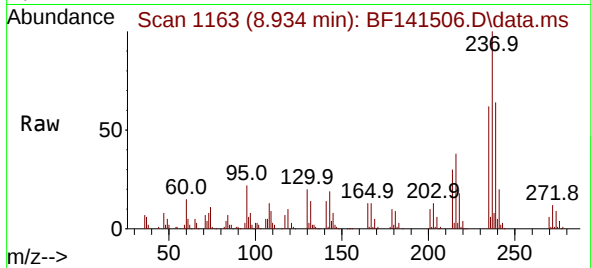
Tgt Ion:216 Resp: 226553
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 22.6 18.0 27.0
108 19.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 40.055 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

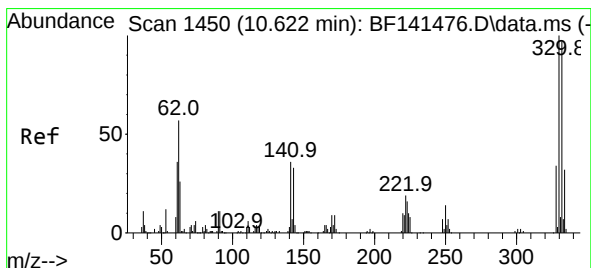
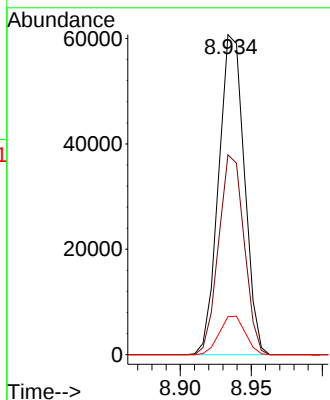
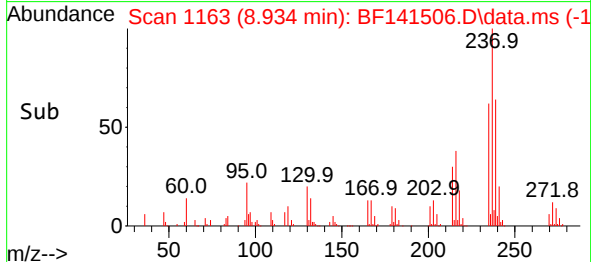
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



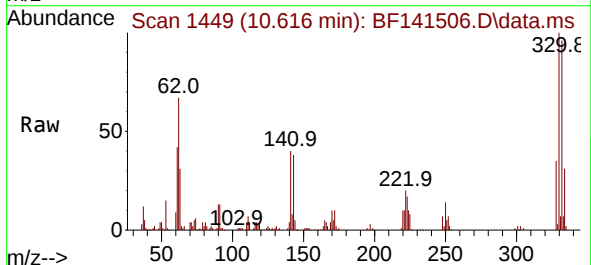
Tgt Ion:237 Resp: 7645
Ion Ratio Lower Upper
237 100
235 62.5 41.4 81.4
272 11.9 0.0 32.4

Manual Integrations
APPROVED

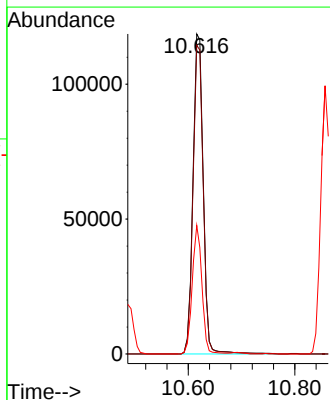
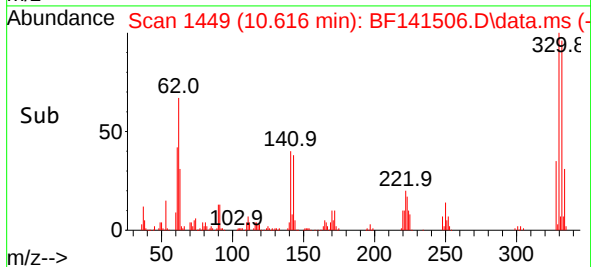
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

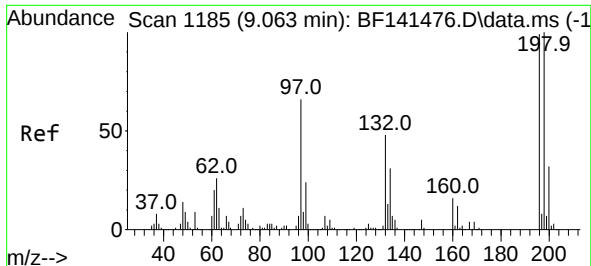


#42
2,4,6-Tribromophenol
Concen: 79.512 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



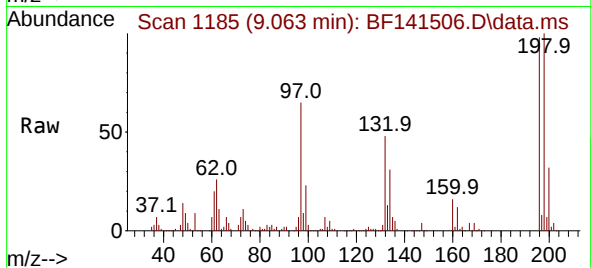
Tgt Ion:330 Resp: 158428
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 37.9 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 39.310 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

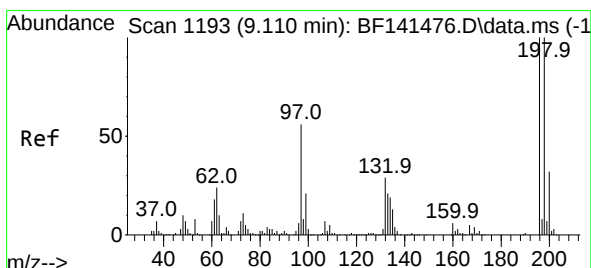
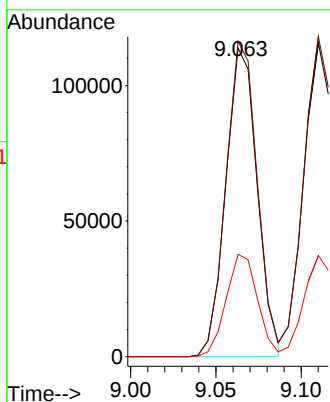
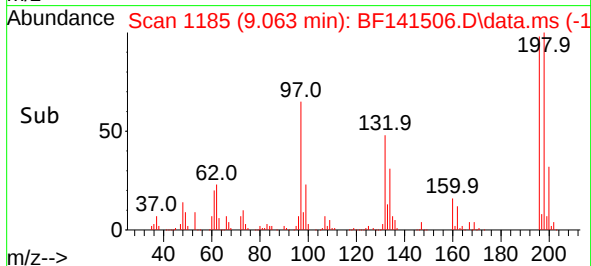
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



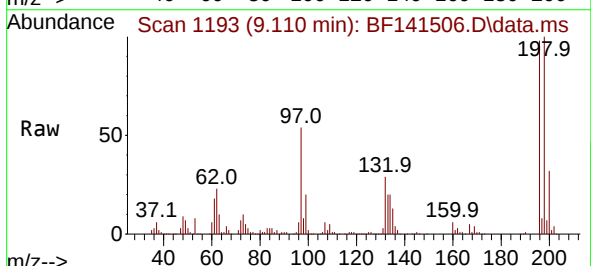
Tgt Ion:196 Resp: 145794
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 33.2 25.5 38.3

Manual Integrations
APPROVED

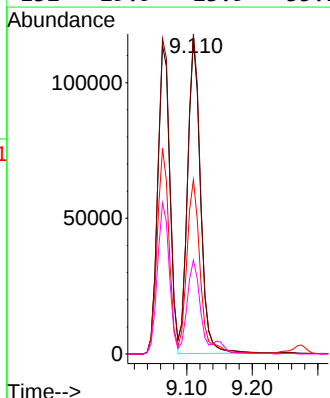
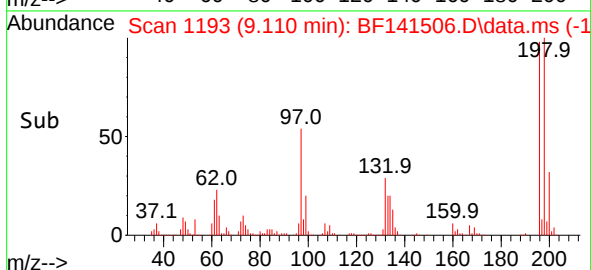
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

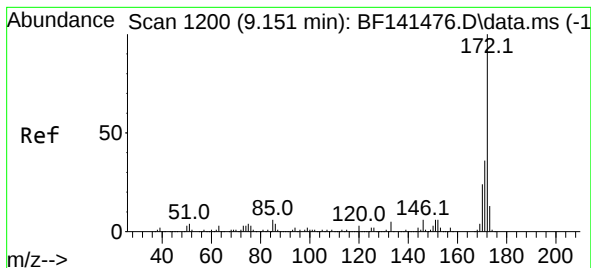


#44
2,4,5-Trichlorophenol
Concen: 39.352 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:196 Resp: 158176
Ion Ratio Lower Upper
196 100
198 102.0 79.8 119.8
97 55.4 44.8 67.2
132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.150 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1006130

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

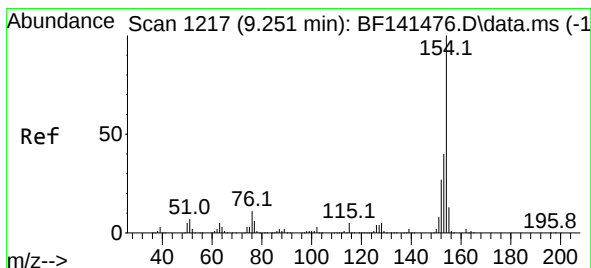
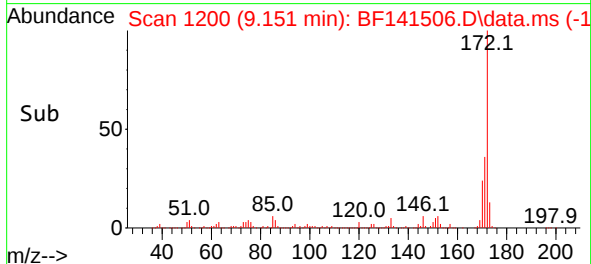
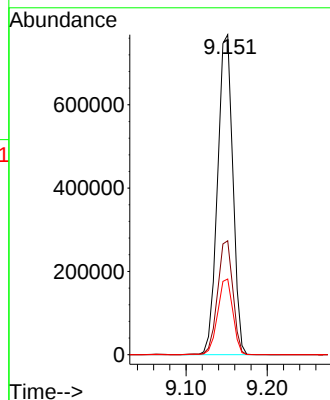
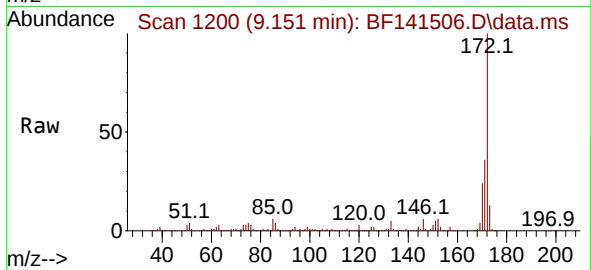
170 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#46

1,1'-Biphenyl

Concen: 39.417 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

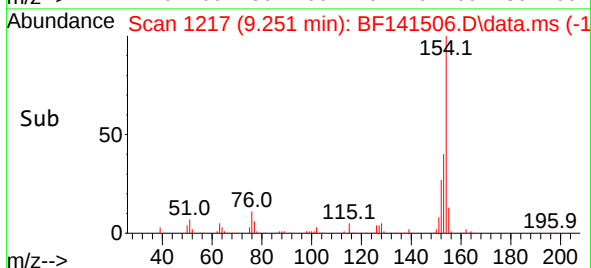
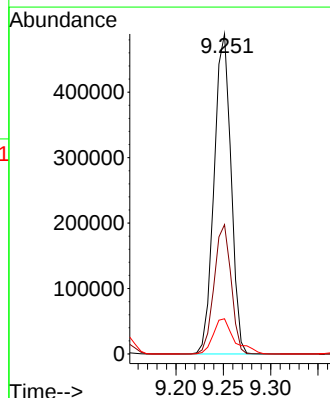
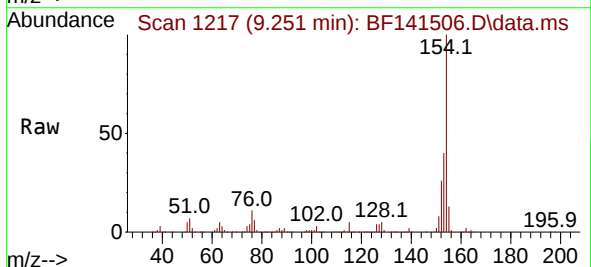
Tgt Ion:154 Resp: 606143

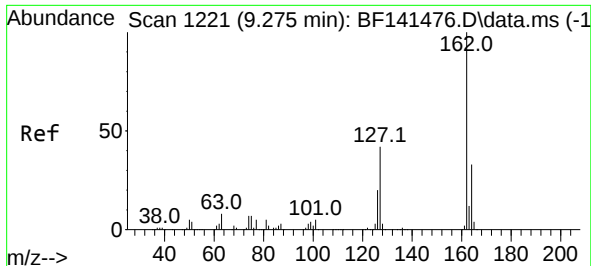
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

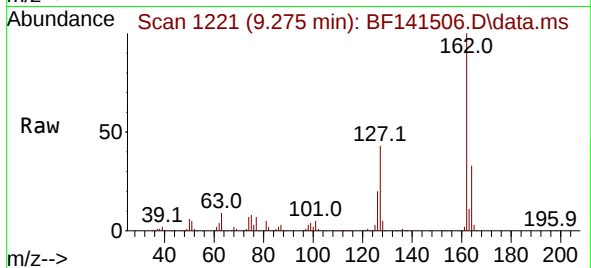
76 11.0 0.0 30.8





#47
2-Chloronaphthalene
Concen: 39.485 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

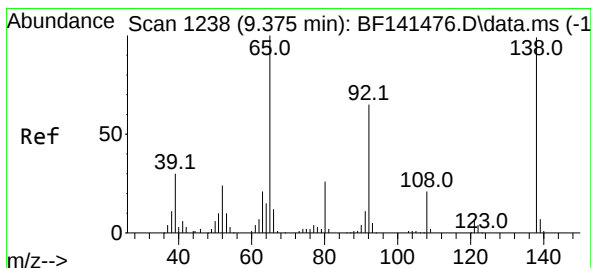
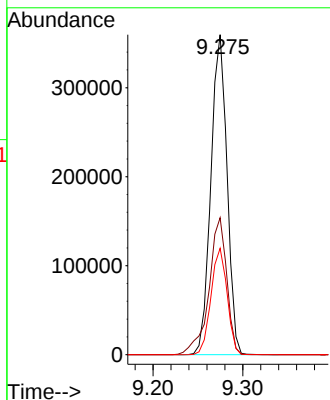
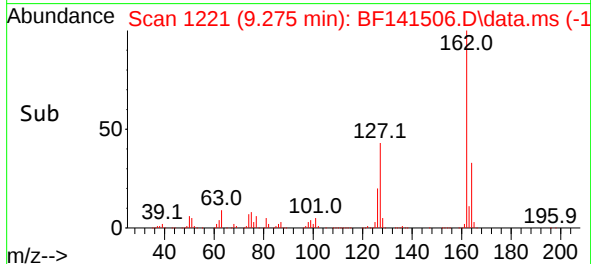
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 448999
Ion Ratio Lower Upper
162 100
127 42.8 34.1 51.1
164 33.2 26.3 39.5

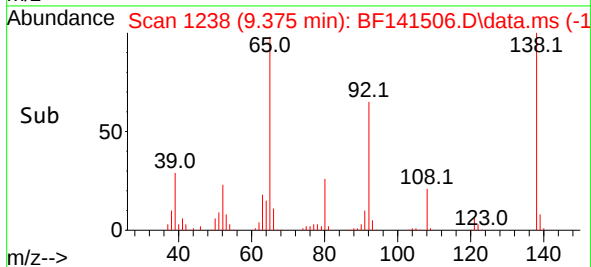
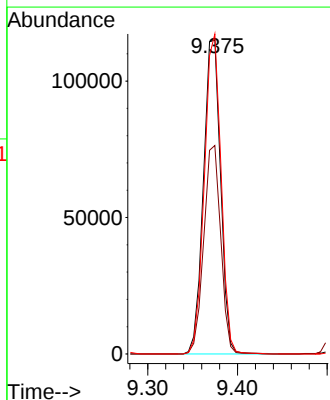
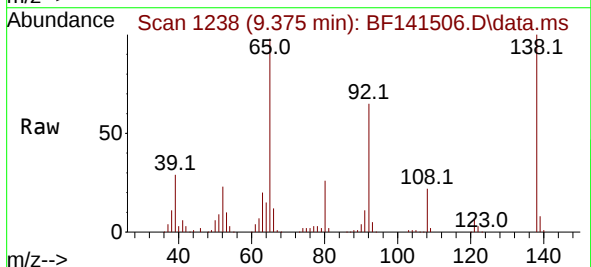
Manual Integrations
APPROVED

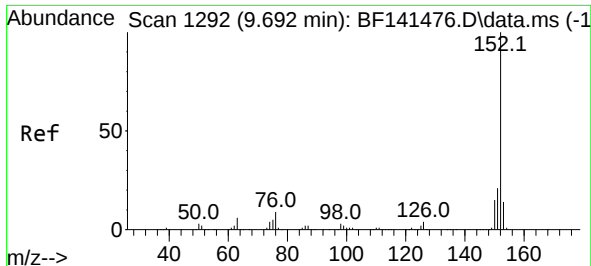
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#48
2-Nitroaniline
Concen: 40.054 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion: 65 Resp: 152856
Ion Ratio Lower Upper
65 100
92 66.4 52.2 78.2
138 101.9 79.5 119.3





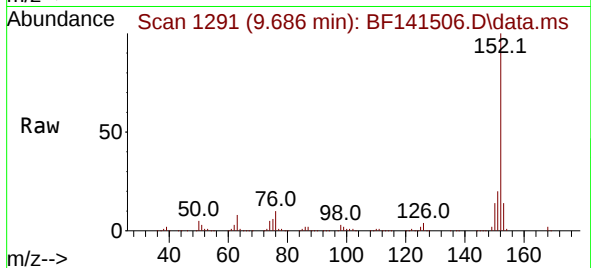
#49
Acenaphthylene
Concen: 39.800 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

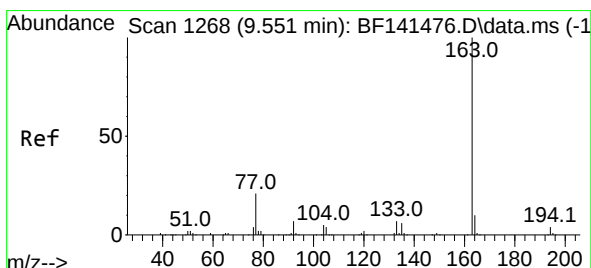
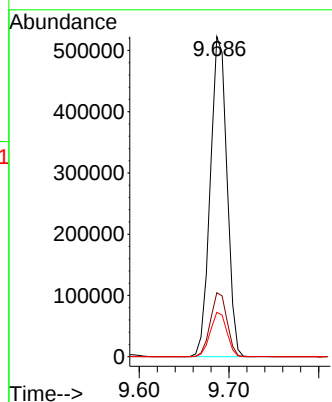
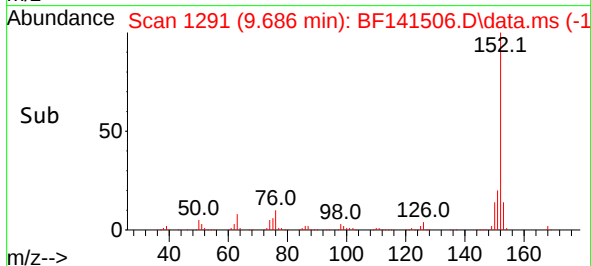


Tgt Ion:152 Resp: 67315
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.9 10.9 16.3

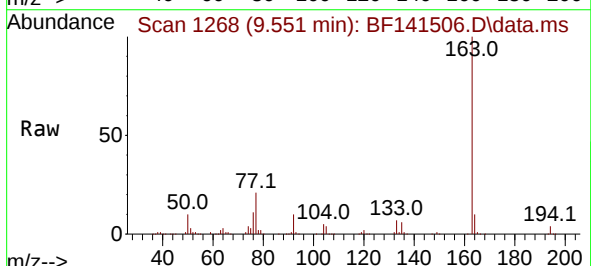
Manual Integrations

APPROVED

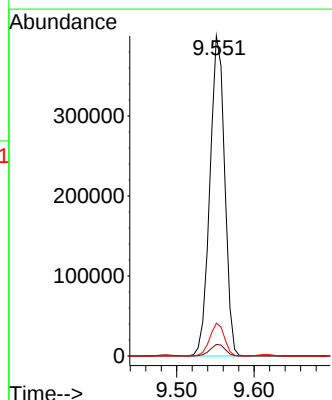
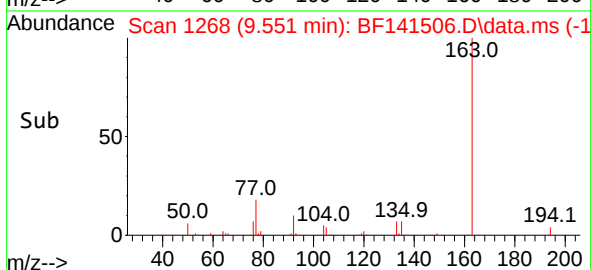
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

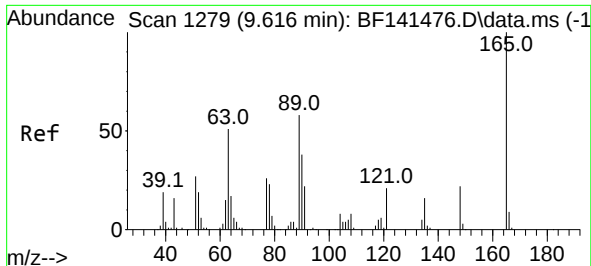


#50
Dimethylphthalate
Concen: 39.426 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:163 Resp: 530887
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 7.9 11.9





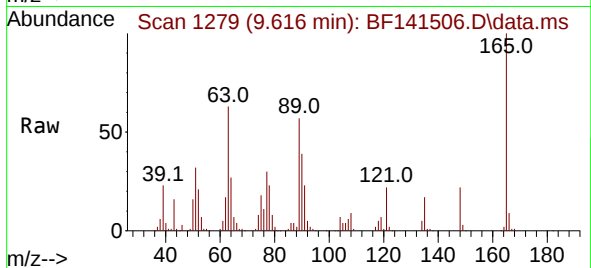
#51
2,6-Dinitrotoluene
Concen: 39.701 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

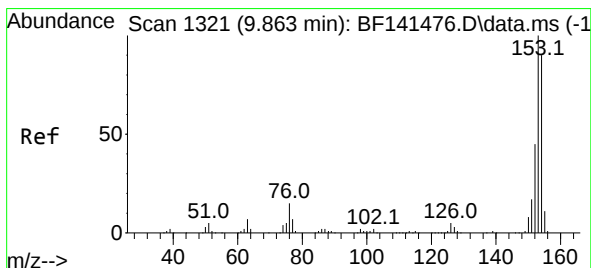
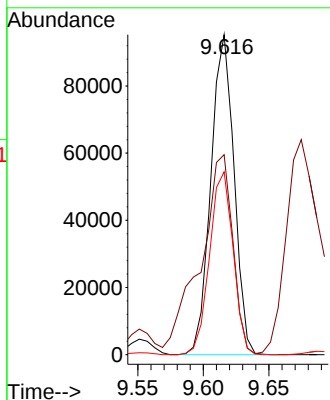
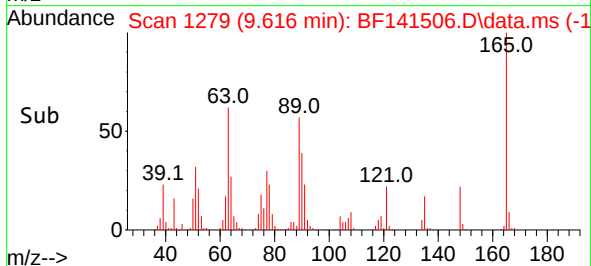


Tgt Ion:165 Resp: 11686
Ion Ratio Lower Upper
165 100
63 62.5 49.4 74.0
89 57.2 46.5 69.7

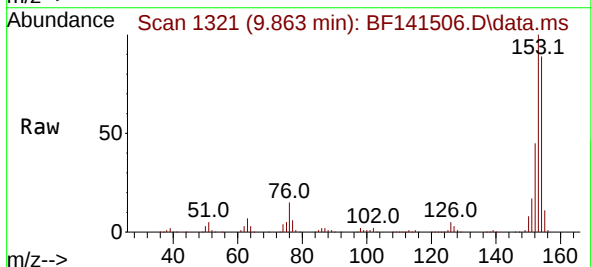
Manual Integrations

APPROVED

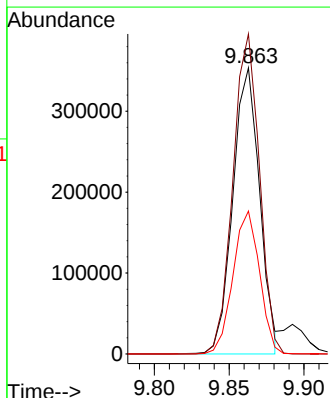
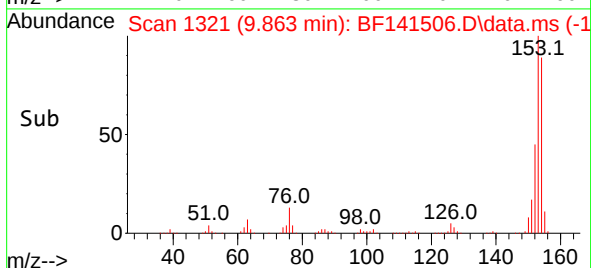
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

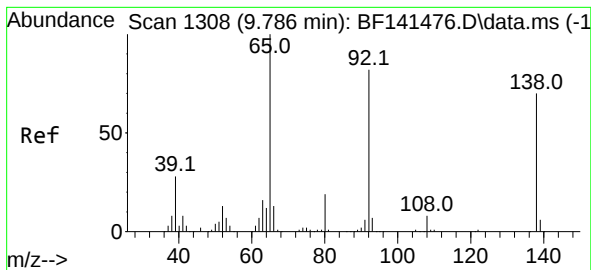


#52
Acenaphthene
Concen: 38.936 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:154 Resp: 442729
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 50.0 39.8 59.8





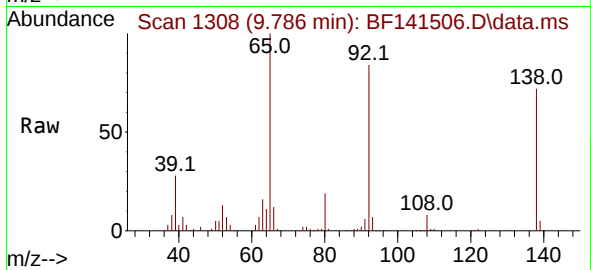
#53
3-Nitroaniline
Concen: 39.406 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

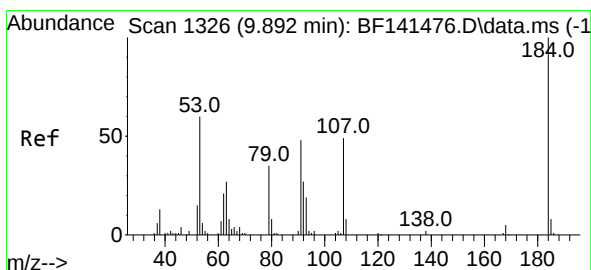
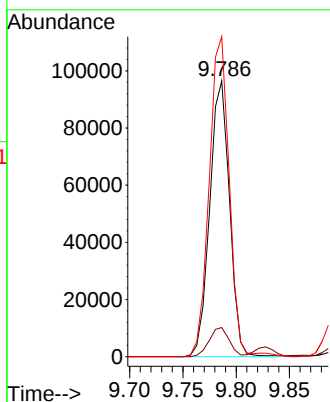
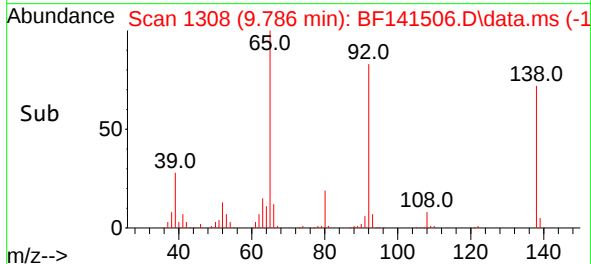


Tgt Ion:138 Resp: 124840
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 116.0 93.7 140.5

Manual Integrations

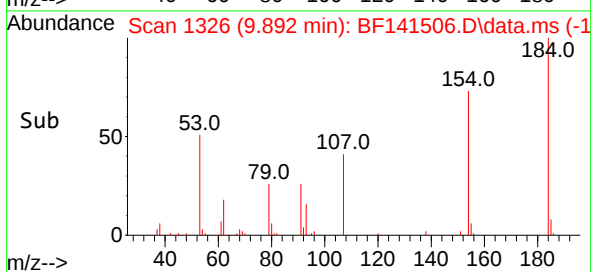
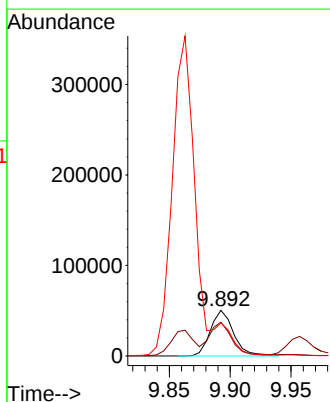
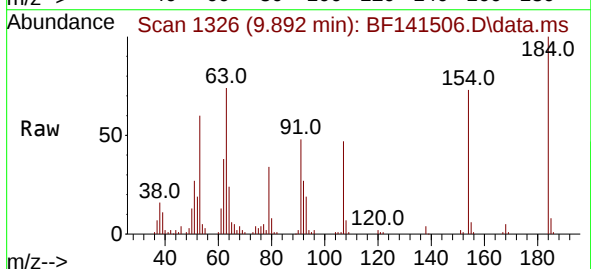
APPROVED

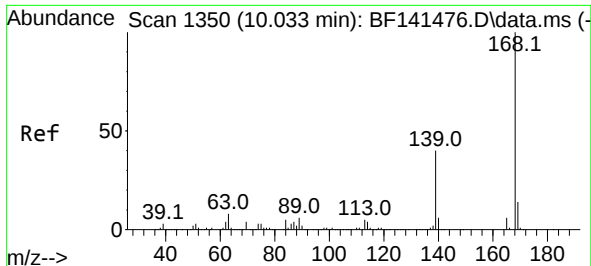
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#54
2,4-Dinitrophenol
Concen: 38.328 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

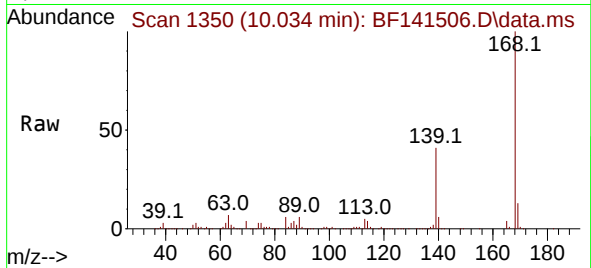
Tgt Ion:184 Resp: 67053
Ion Ratio Lower Upper
184 100
63 74.1 61.0 91.6
154 72.8 59.9 89.9





#55
Dibenzenofuran
Concen: 39.347 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

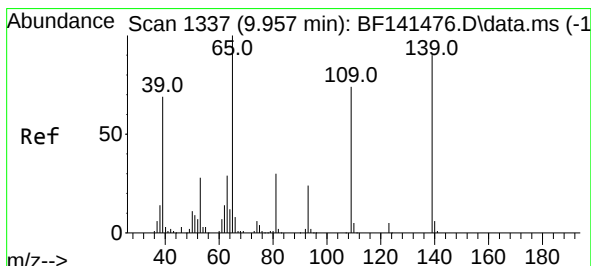
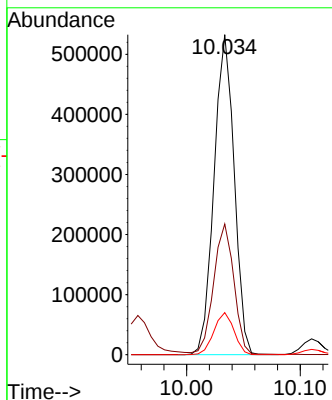
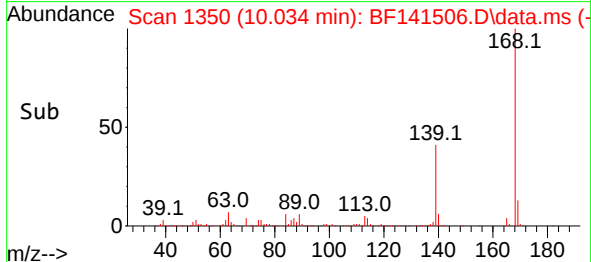
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 656711
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.1 10.8 16.2

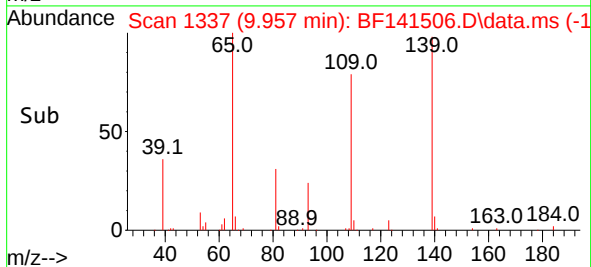
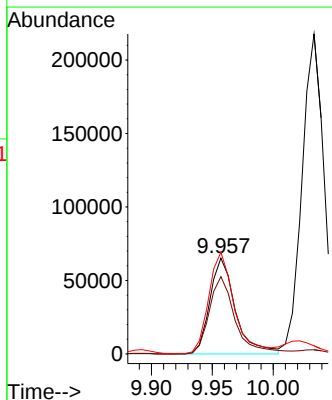
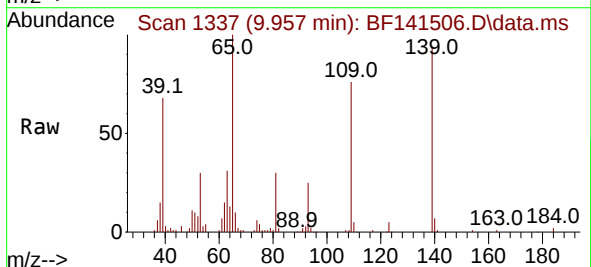
Manual Integrations
APPROVED

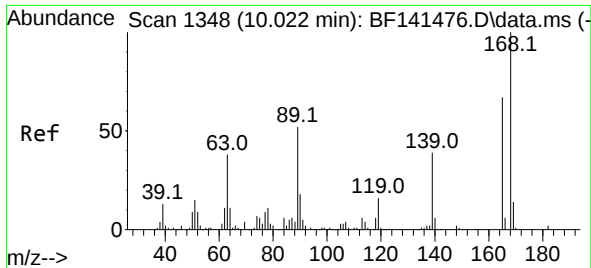
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 40.524 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:139 Resp: 95307
Ion Ratio Lower Upper
139 100
109 80.7 62.0 102.0
65 106.1 91.2 131.2





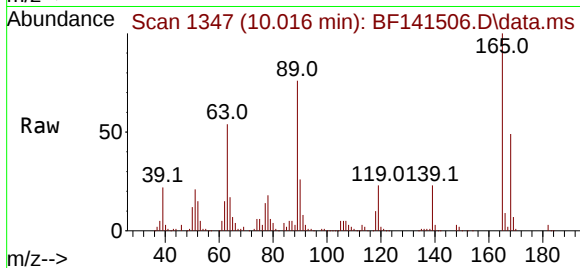
#57
2,4-Dinitrotoluene
Concen: 40.483 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

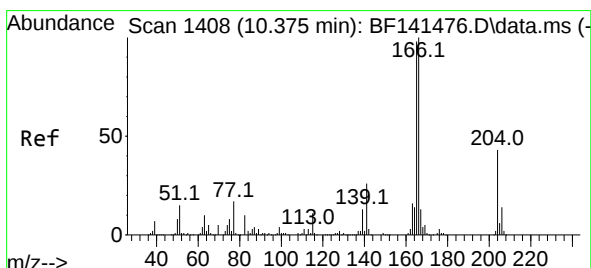
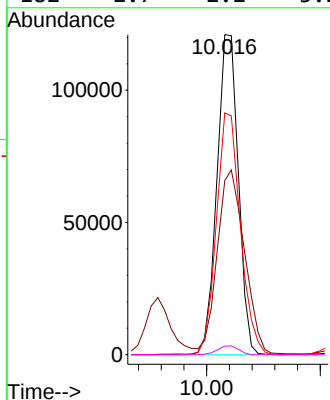
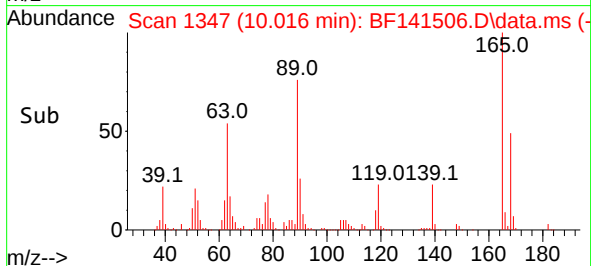


Tgt Ion:165 Resp: 15864
Ion Ratio Lower Upper
165 100
63 54.3 46.4 69.6
89 75.5 61.8 92.6
182 2.7 2.2 3.2

Manual Integrations

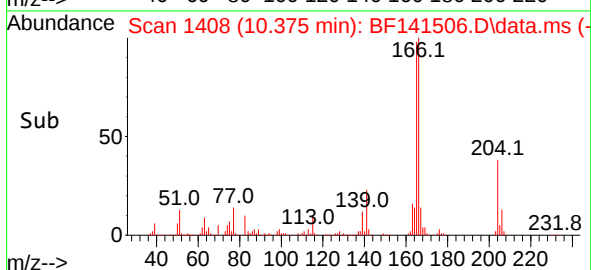
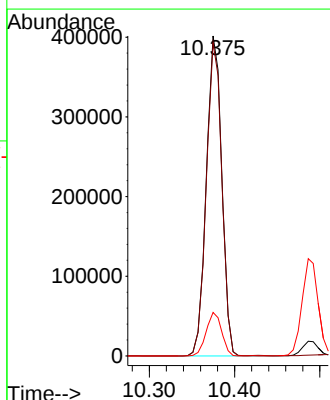
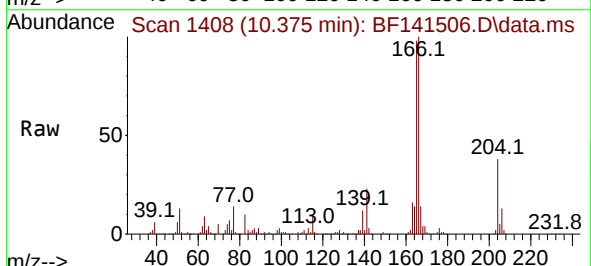
APPROVED

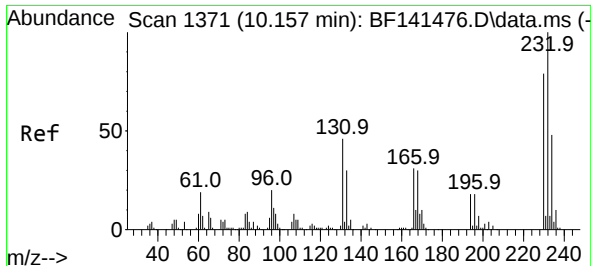
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#58
Fluorene
Concen: 39.298 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

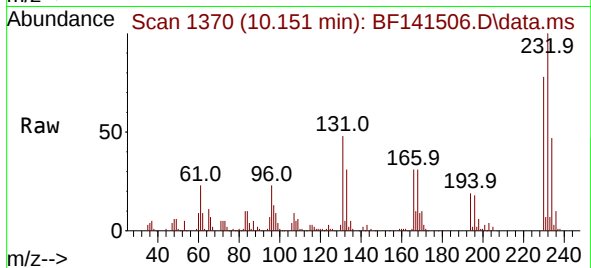
Tgt Ion:166 Resp: 507132
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.668 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

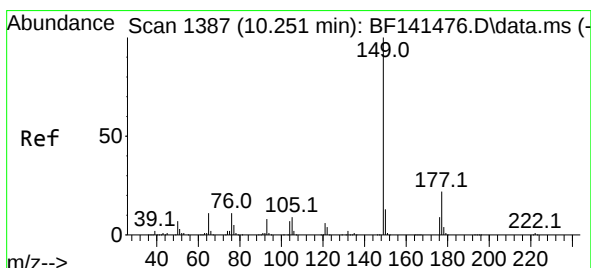
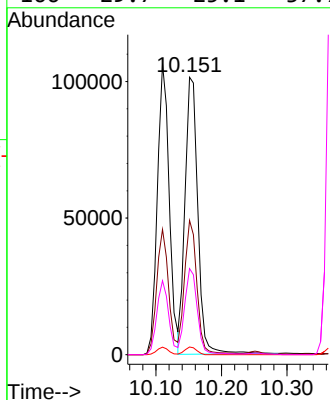
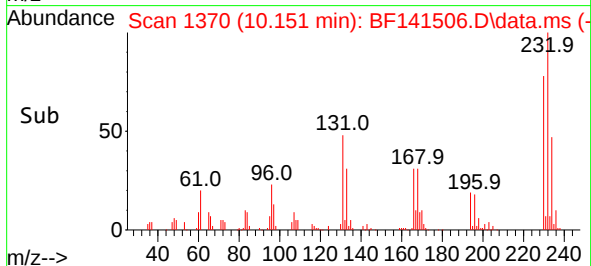
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



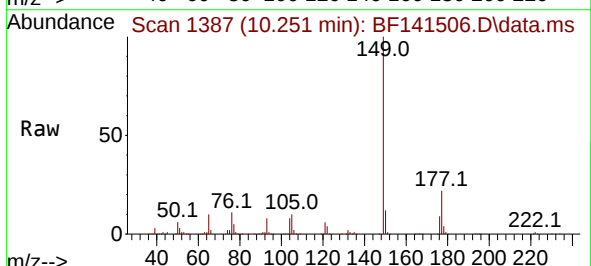
Tgt Ion:232 Resp: 137272
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.5 2.1 3.1
166 29.7 25.1 37.7

Manual Integrations
APPROVED

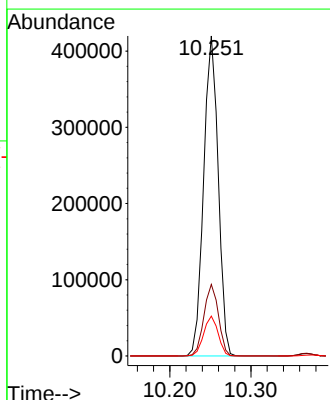
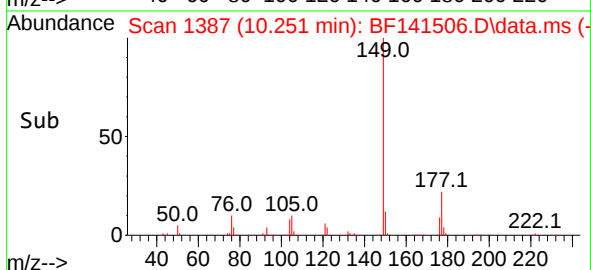
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

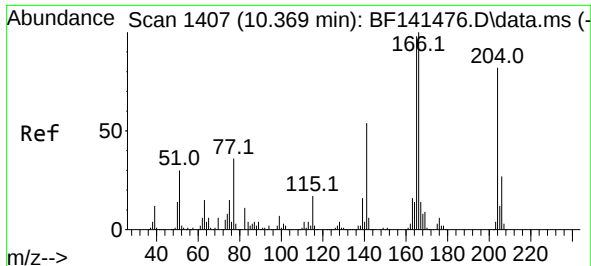


#60
Diethylphthalate
Concen: 39.320 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



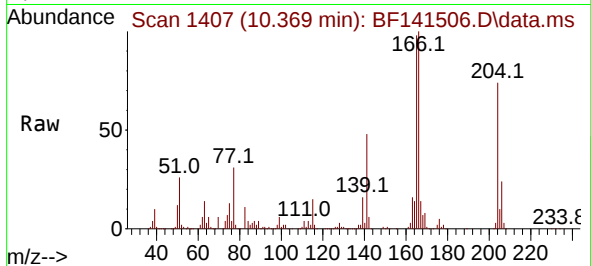
Tgt Ion:149 Resp: 520921
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.371 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

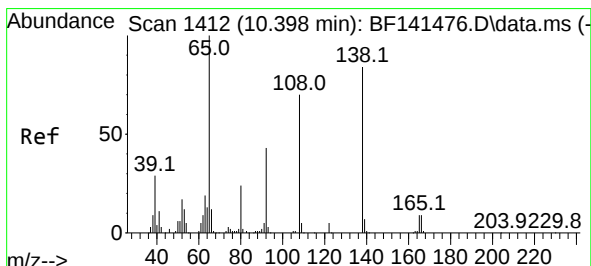
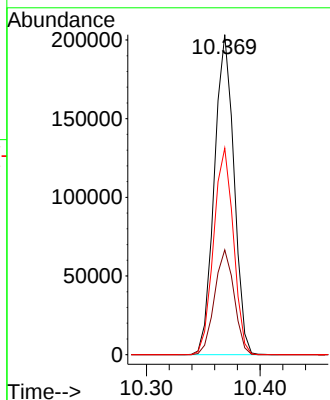
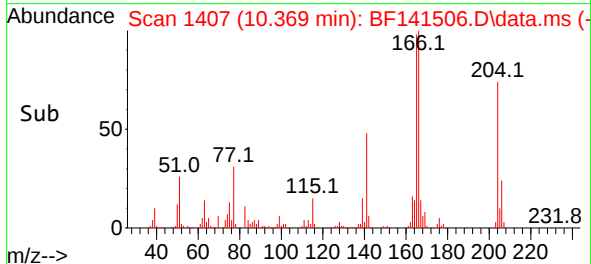
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



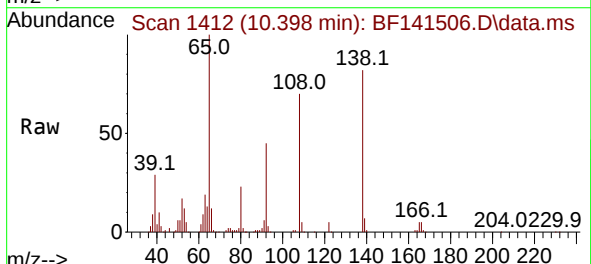
Tgt Ion:204 Resp: 24443
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.5 51.9 77.9

Manual Integrations
APPROVED

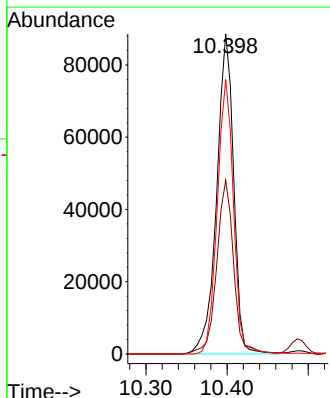
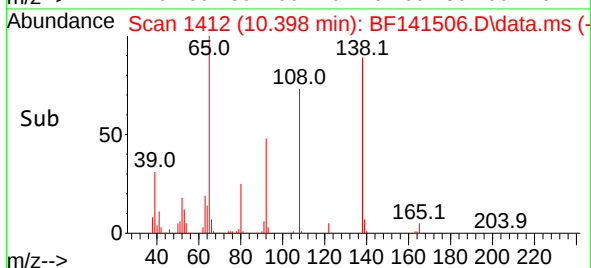
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

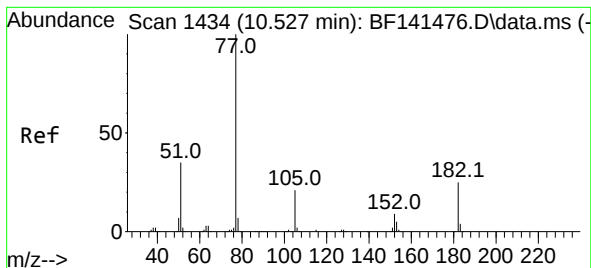


#62
4-Nitroaniline
Concen: 40.203 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



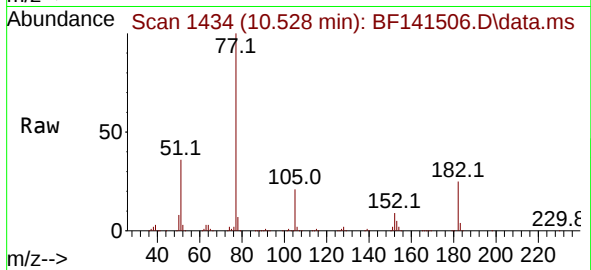
Tgt Ion:138 Resp: 129336
Ion Ratio Lower Upper
138 100
92 54.3 31.3 71.3
108 85.7 63.7 103.7





#63
Azobenzene
Concen: 39.181 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

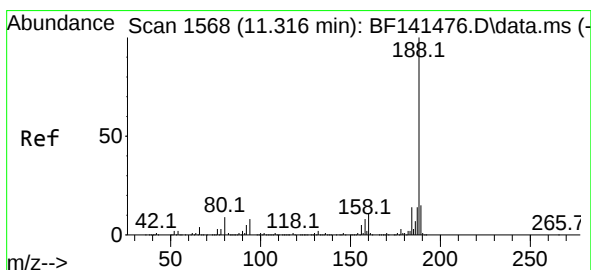
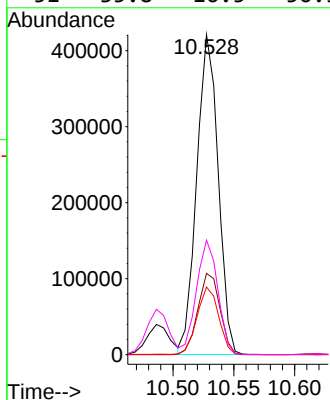
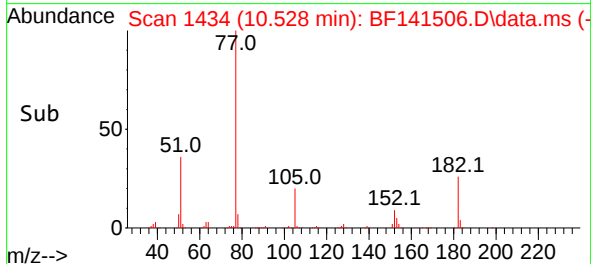
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



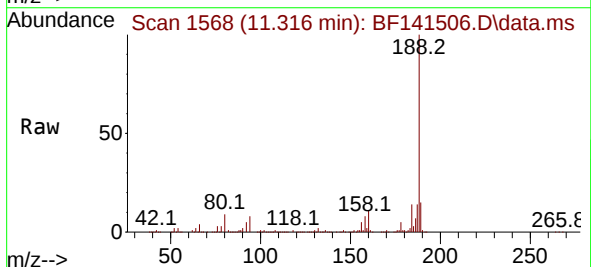
Tgt Ion: 77 Resp: 516030
Ion Ratio Lower Upper
77 100
182 25.4 4.7 44.7
105 21.1 0.4 40.4
51 35.8 16.5 56.5

Manual Integrations
APPROVED

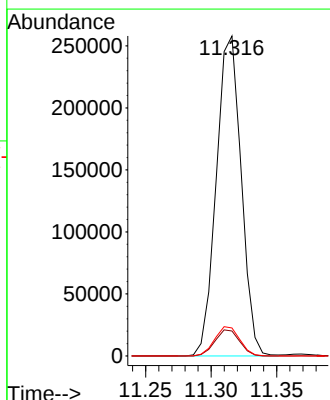
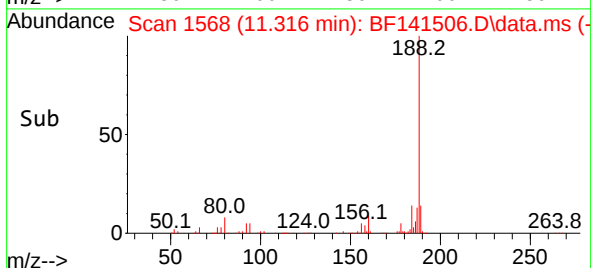
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

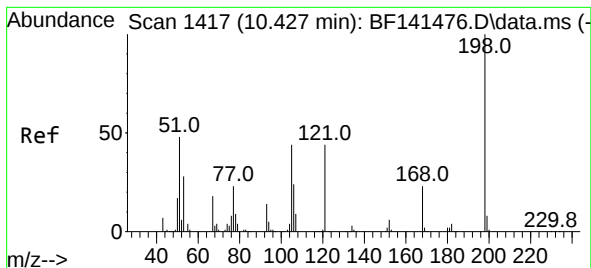


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



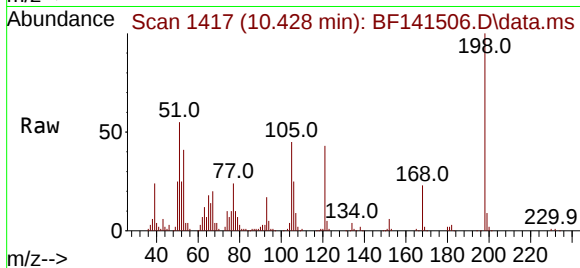
Tgt Ion:188 Resp: 340922
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 39.992 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

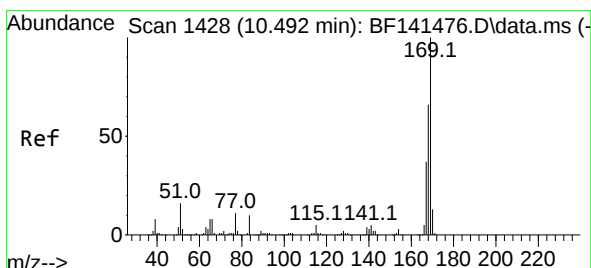
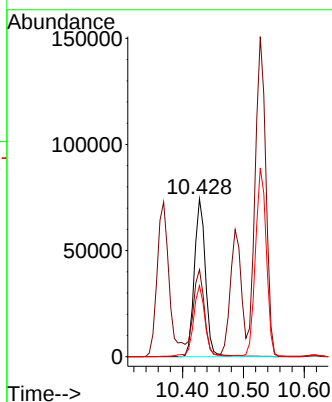
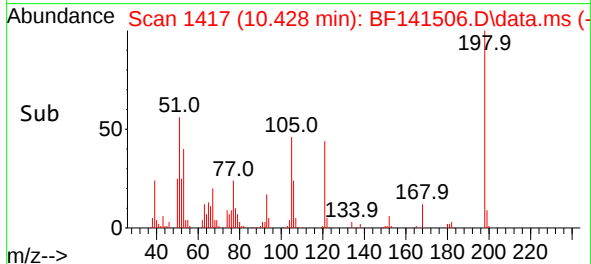
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



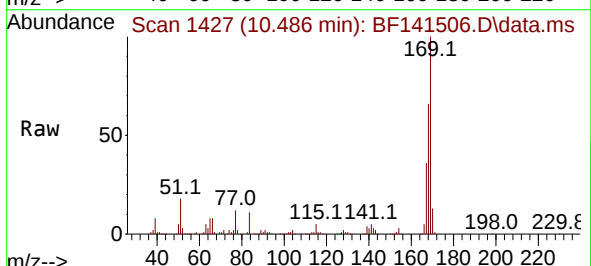
Tgt Ion:198 Resp: 94709
Ion Ratio Lower Upper
198 100
51 55.2 37.4 77.4
105 45.0 25.2 65.2

Manual Integrations
APPROVED

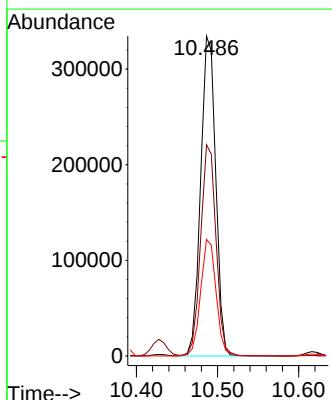
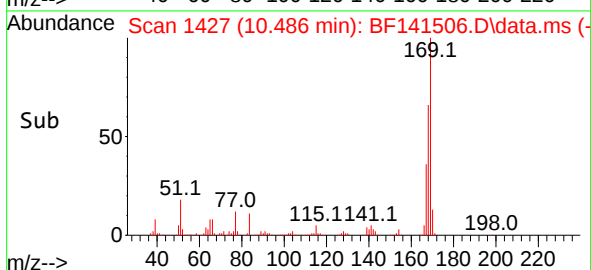
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

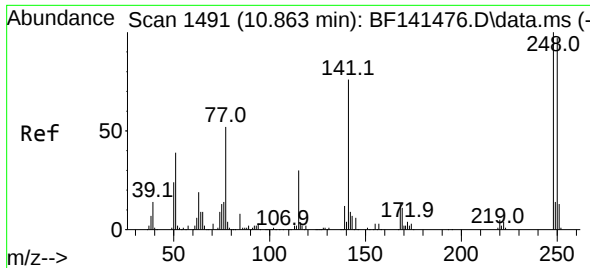


#66
n-Nitrosodiphenylamine
Concen: 39.446 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



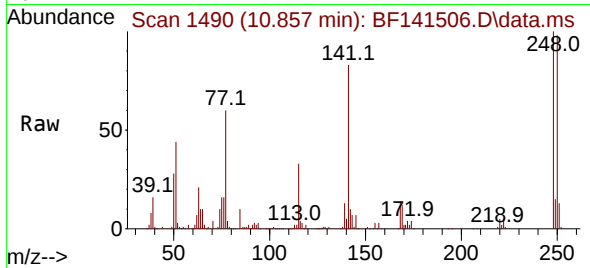
Tgt Ion:169 Resp: 430480
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 36.5 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 38.862 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

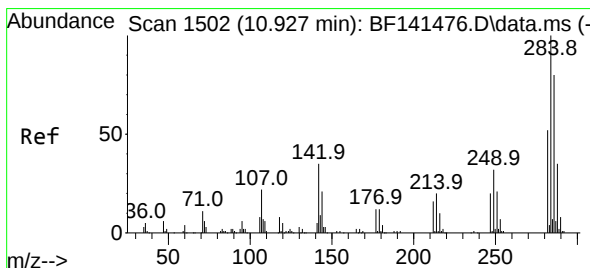
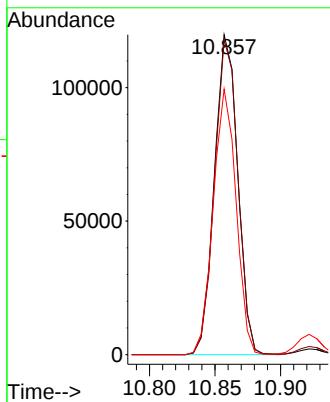
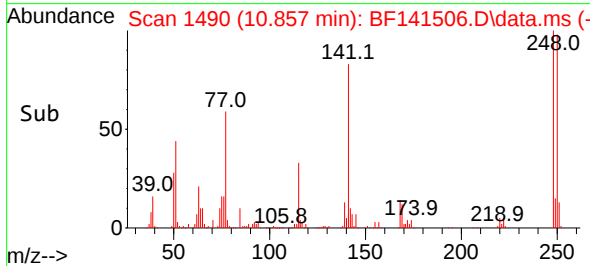
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



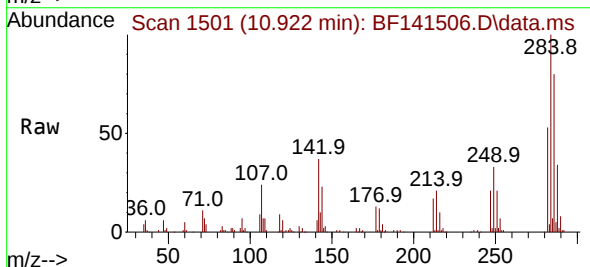
Tgt Ion:248 Resp: 148075
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 83.0 60.6 90.8

Manual Integrations
APPROVED

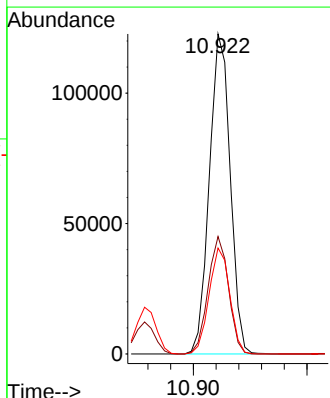
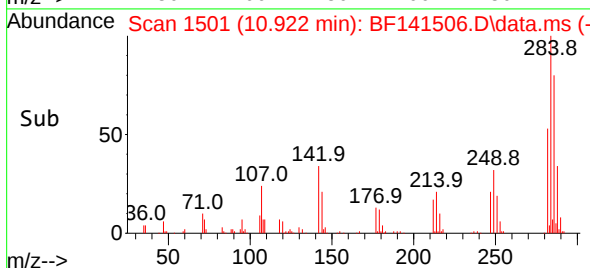
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

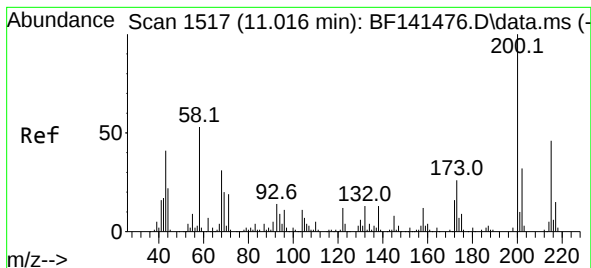


#68
Hexachlorobenzene
Concen: 39.865 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:284 Resp: 156412
Ion Ratio Lower Upper
284 100
142 36.7 28.0 42.0
249 33.1 25.8 38.8





#69

Atrazine

Concen: 37.952 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 12425

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

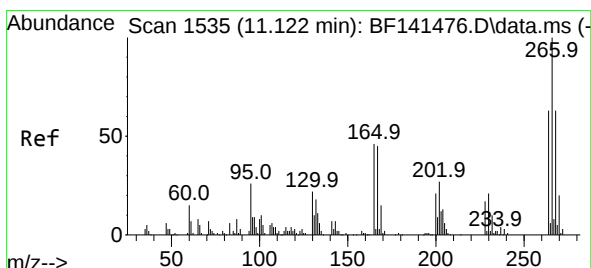
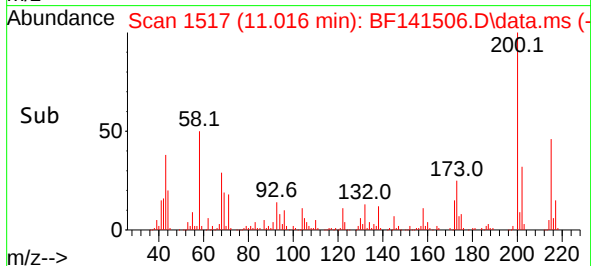
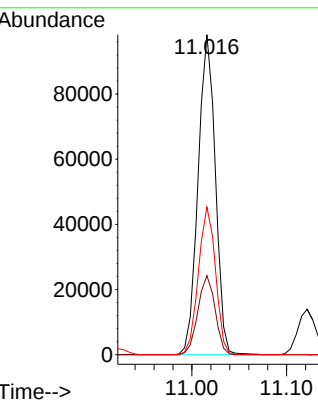
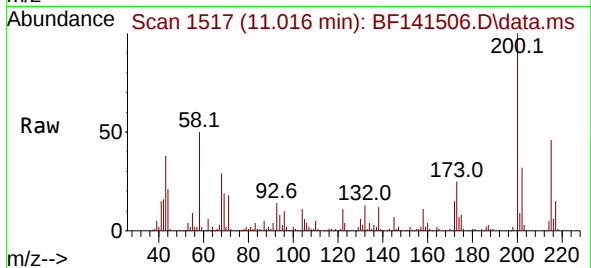
215 46.2 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 39.932 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

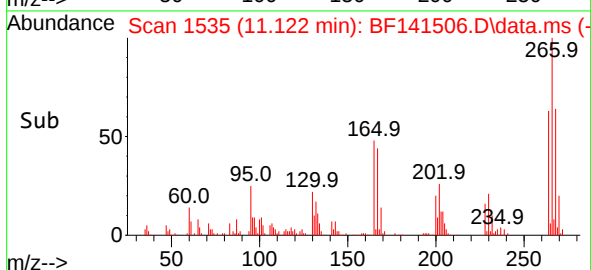
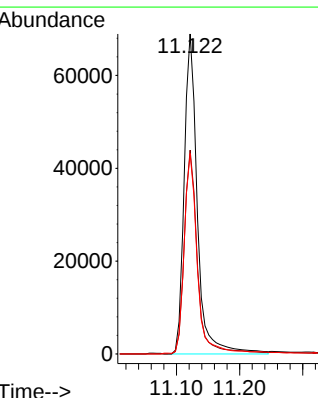
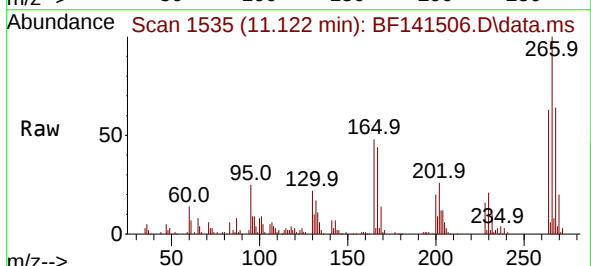
Tgt Ion:266 Resp: 100181

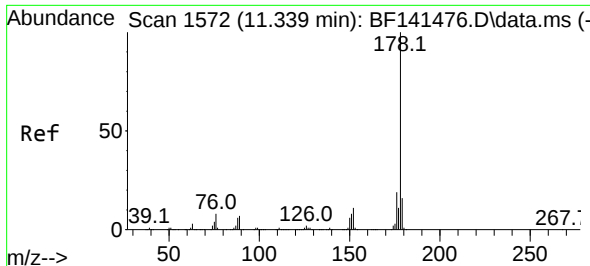
Ion Ratio Lower Upper

266 100

268 63.7 50.1 75.1

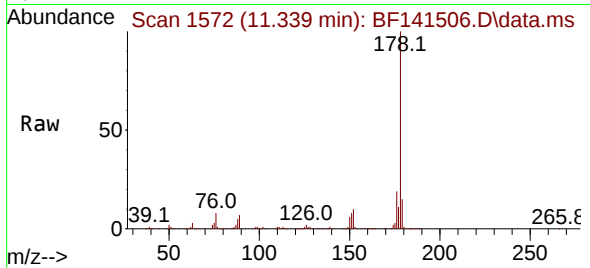
264 62.7 50.1 75.1





#71
Phenanthrene
Concen: 39.319 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

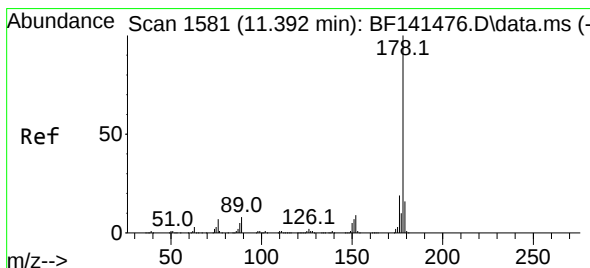
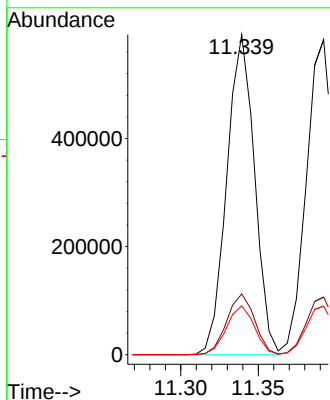
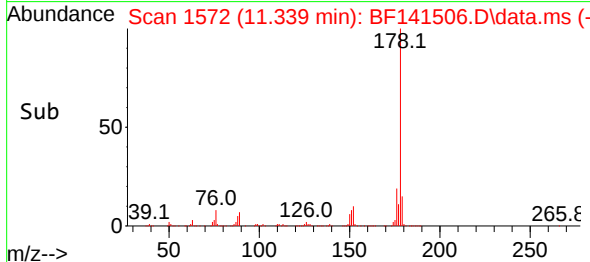
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 737878
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.4 18.6

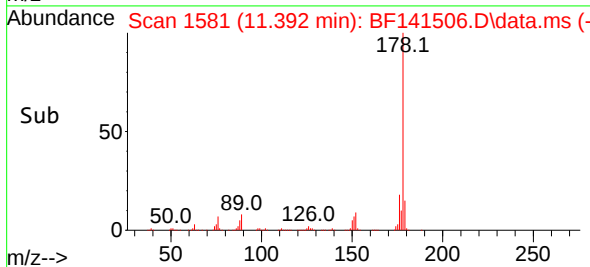
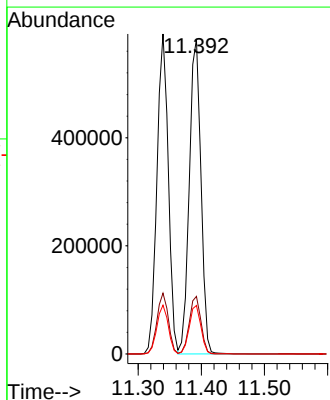
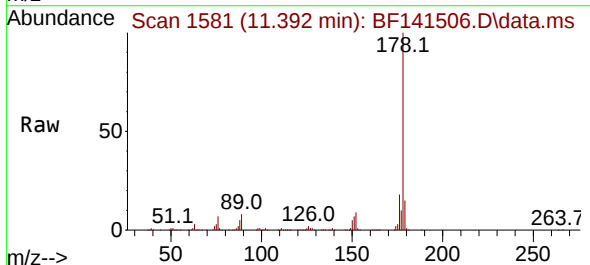
Manual Integrations
APPROVED

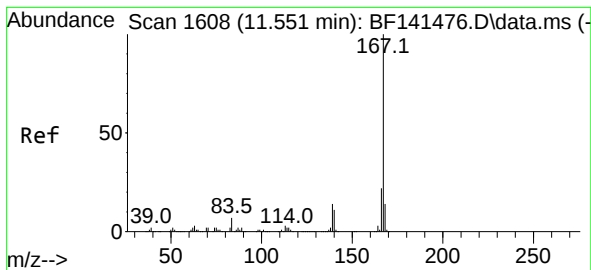
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#72
Anthracene
Concen: 39.564 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:178 Resp: 746361
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.316 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 68433

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

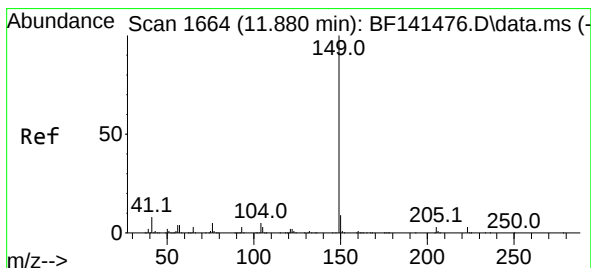
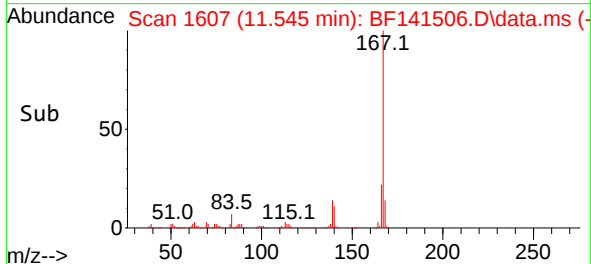
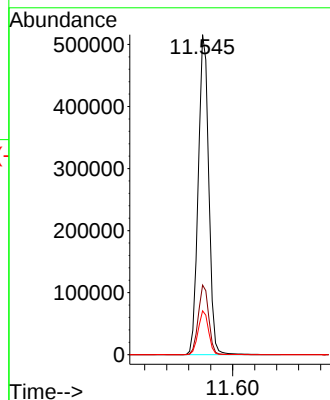
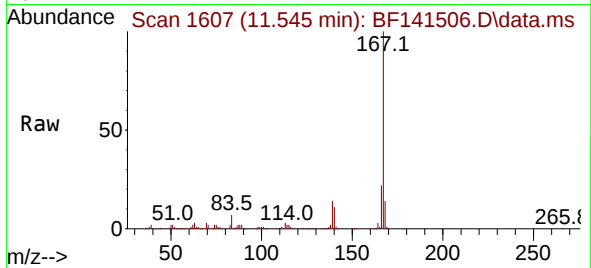
139 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#74

Di-n-butylphthalate

Concen: 40.060 ng

RT: 11.880 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

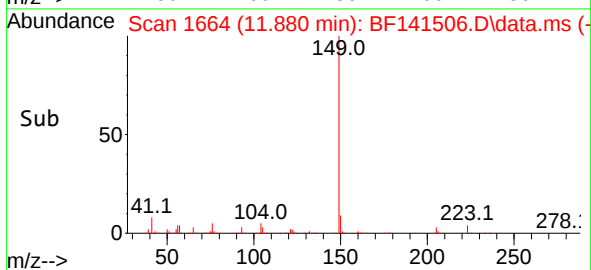
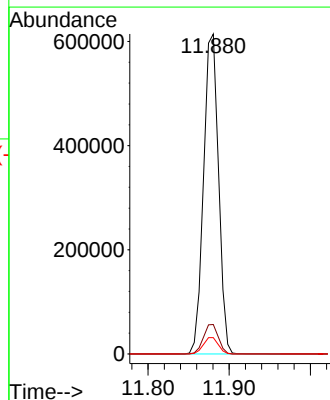
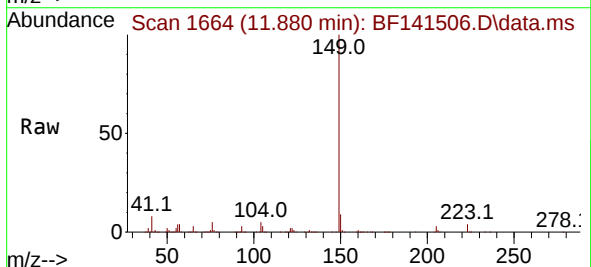
Tgt Ion:149 Resp: 785155

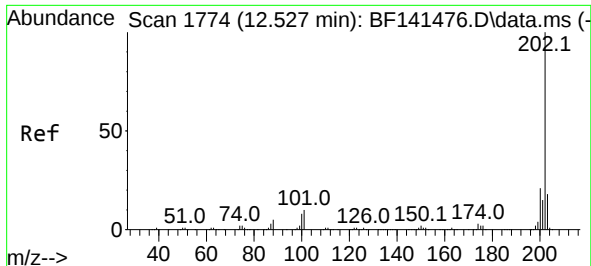
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

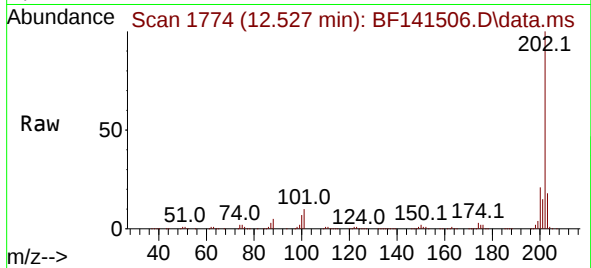
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 40.018 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

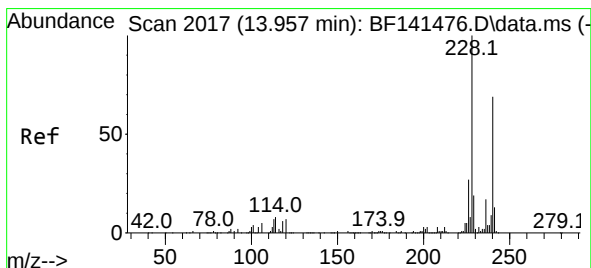
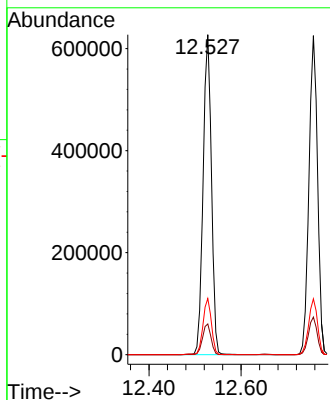
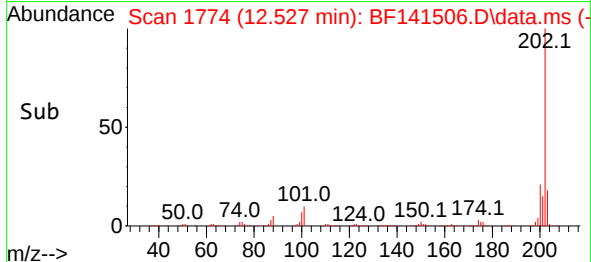
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



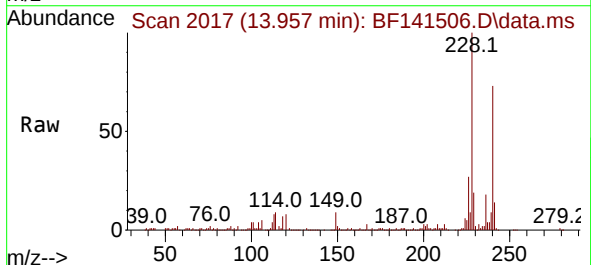
Tgt Ion:202 Resp: 79620
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.6 0.0 37.6

Manual Integrations
APPROVED

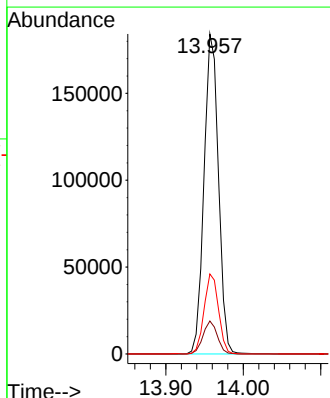
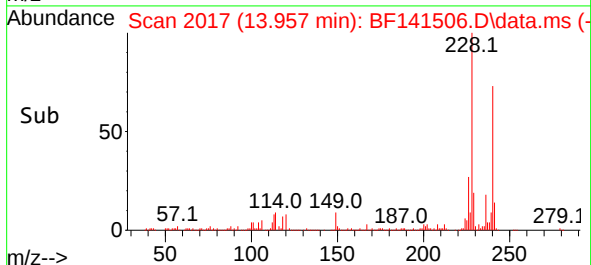
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

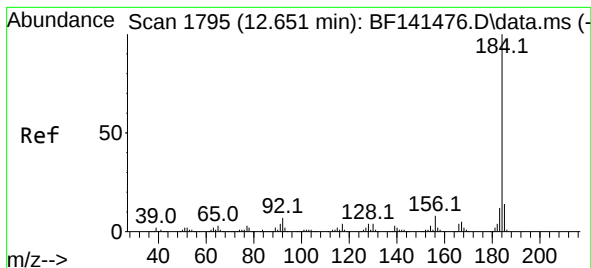


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:240 Resp: 238177
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8





#77

Benzidine

Concen: 44.226 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141506.D

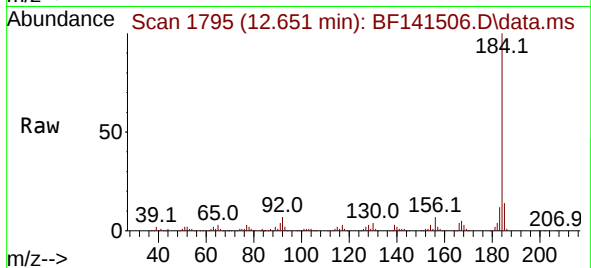
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



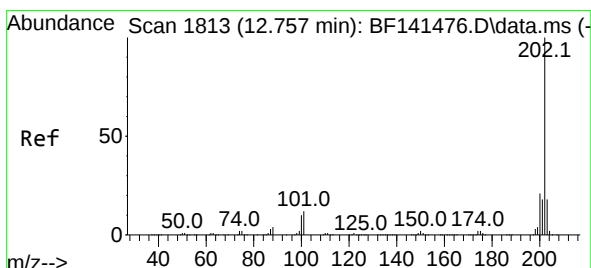
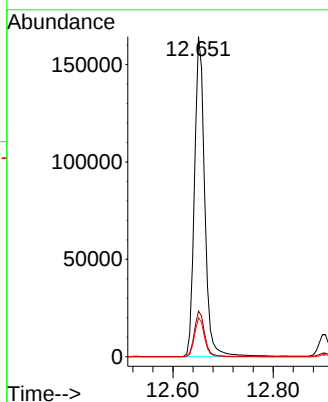
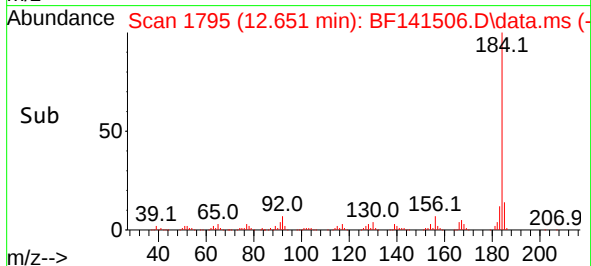
Tgt Ion:184	Resp:	232310
Ion Ratio	Lower	Upper
184	100	
185	14.3	11.3 16.9
183	12.1	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 39.977 ng

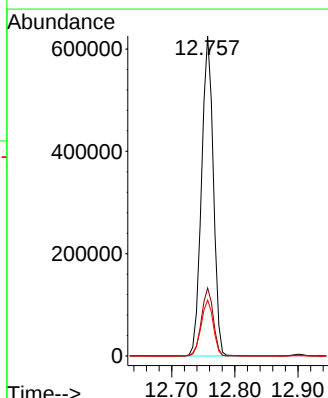
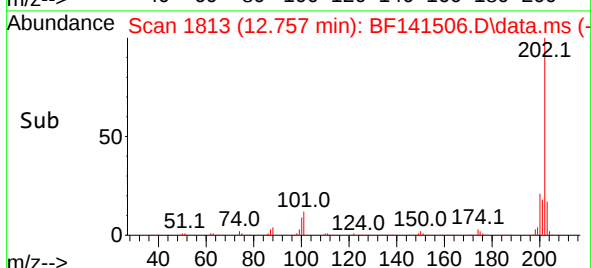
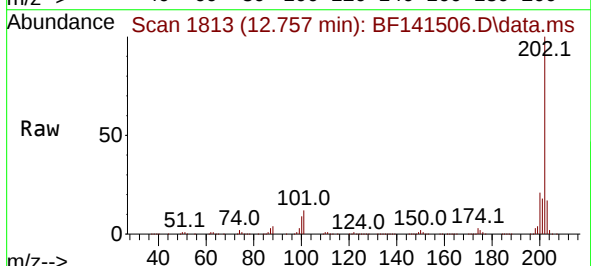
RT: 12.757 min Scan# 1813

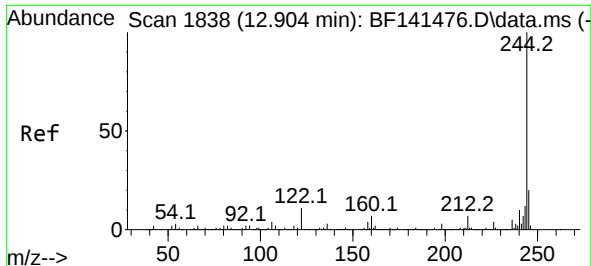
Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Tgt Ion:202	Resp:	810550
Ion Ratio	Lower	Upper
202	100	
200	21.3	17.0 25.4
203	17.5	14.3 21.5





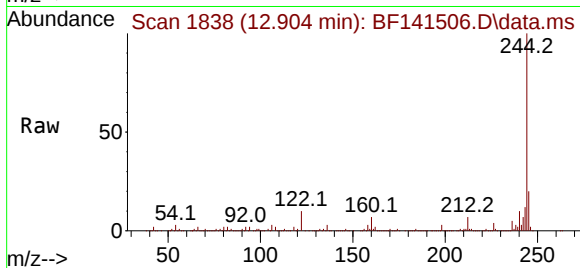
#79
 Terphenyl-d14
 Concen: 79.087 ng
 RT: 12.904 min Scan# 1115800
 Delta R.T. 0.000 min
 Lab File: BF141506.D
 Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

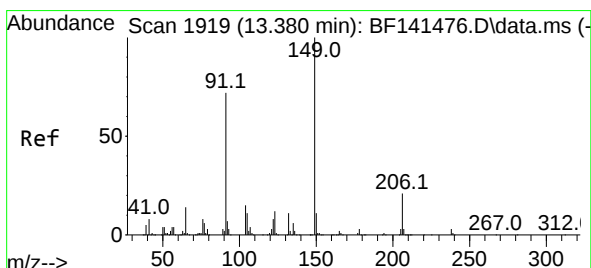
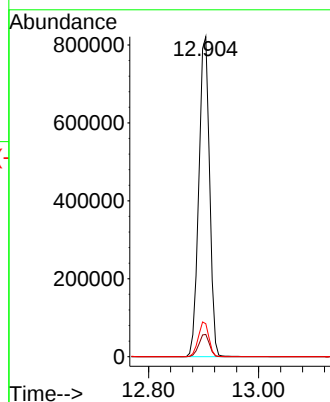
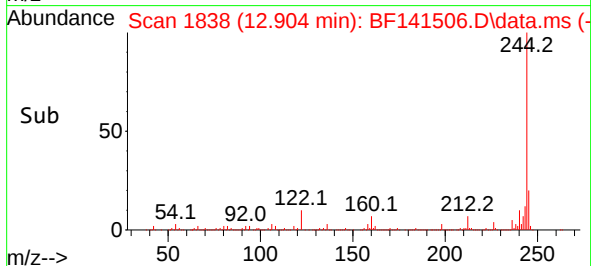


Tgt Ion:244 Resp: 1115800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.4 12.6

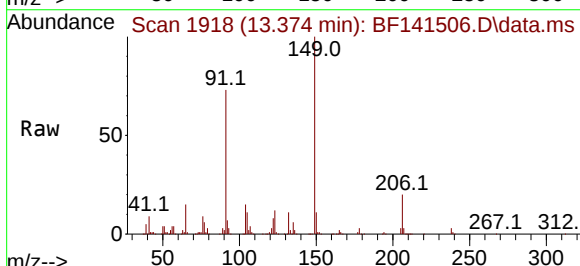
Manual Integrations

APPROVED

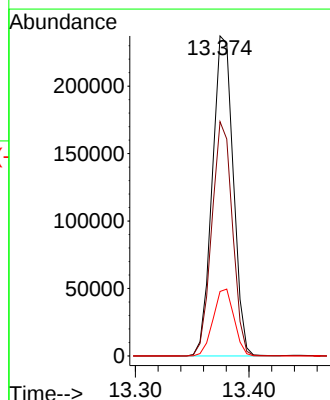
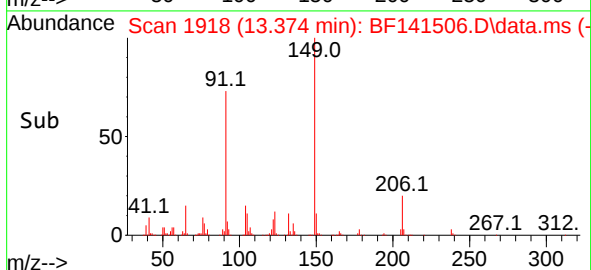
Reviewed By :Anahy Claudio 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

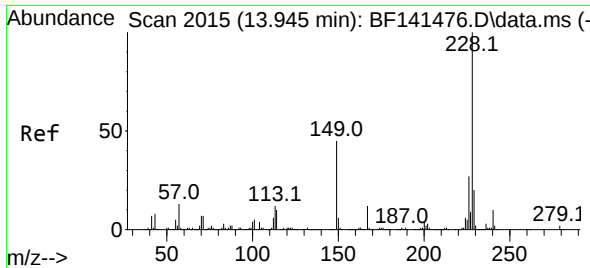


#80
 Butylbenzylphthalate
 Concen: 43.443 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141506.D
 Acq: 07 Feb 2025 14:33



Tgt Ion:149 Resp: 305087
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.8 86.8
 206 20.2 16.7 25.1





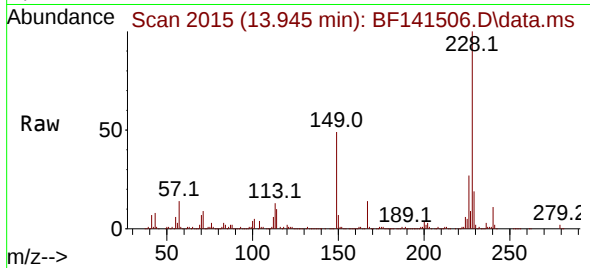
#81
Benzo(a)anthracene
Concen: 39.598 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

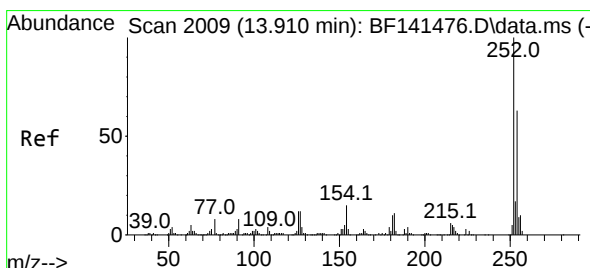
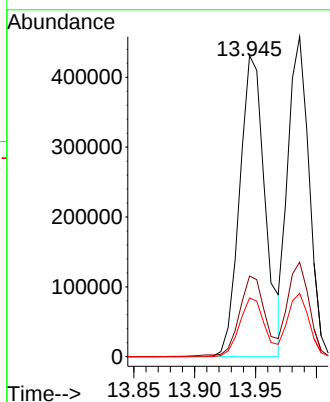
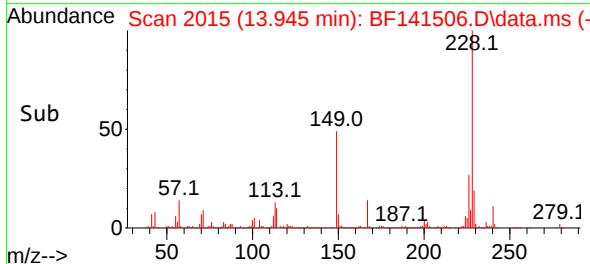


Tgt Ion:228 Resp: 626940
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.5 15.8 23.6

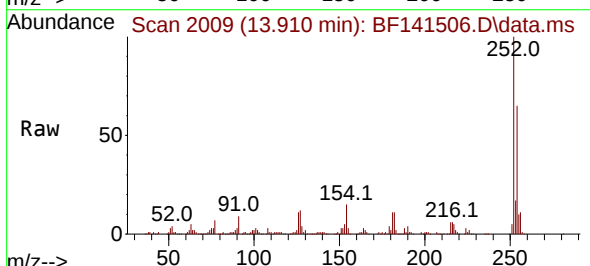
Manual Integrations

APPROVED

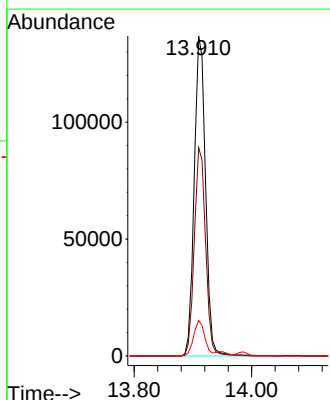
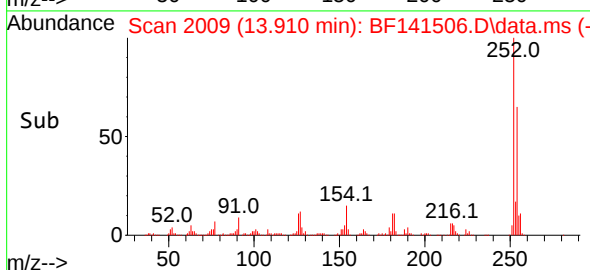
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

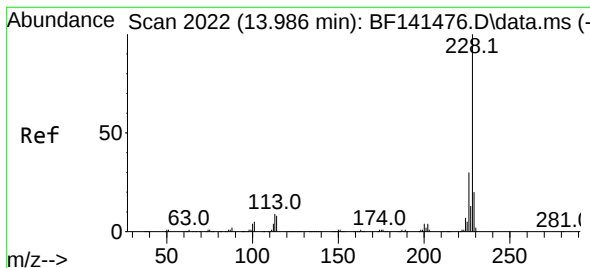


#82
3,3'-Dichlorobenzidine
Concen: 40.414 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:252 Resp: 183288
Ion Ratio Lower Upper
252 100
254 65.1 50.6 76.0
126 11.1 9.3 13.9





#83

Chrysene

Concen: 38.041 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141506.D

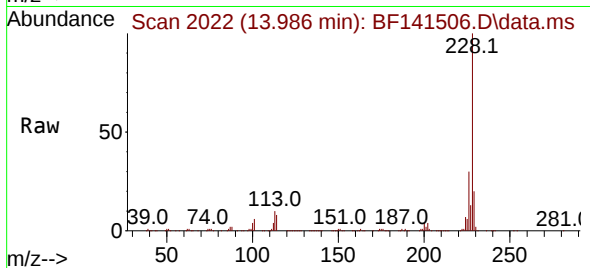
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 556110

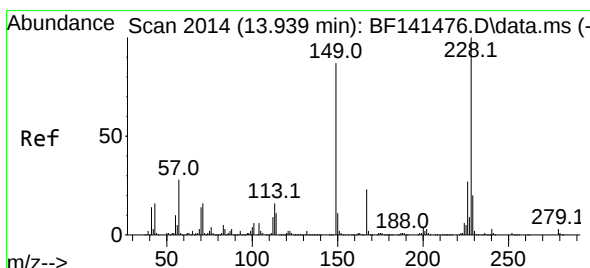
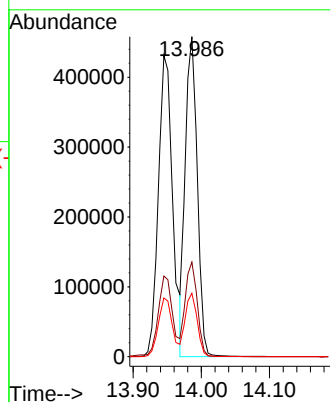
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

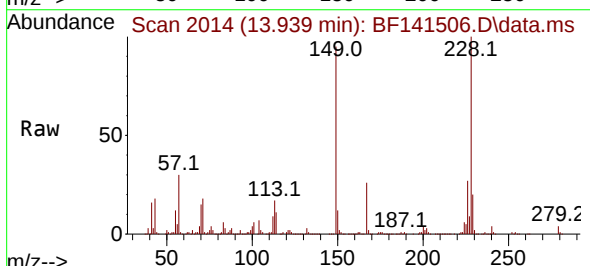
Concen: 45.626 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

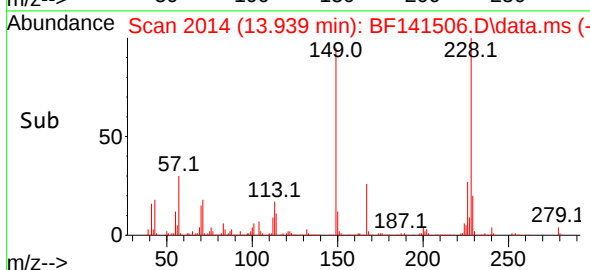
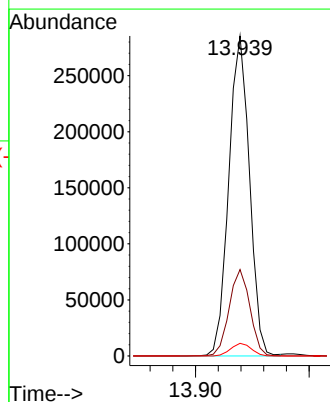
Lab File: BF141506.D

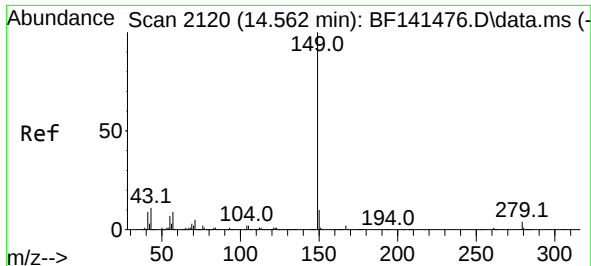
Acq: 07 Feb 2025 14:33



Tgt Ion:149 Resp: 361384

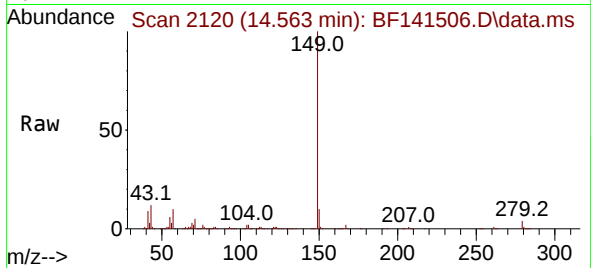
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.9	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 42.871 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

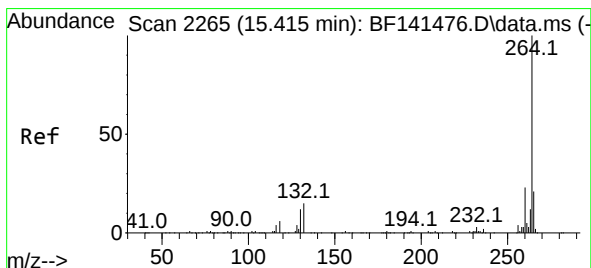
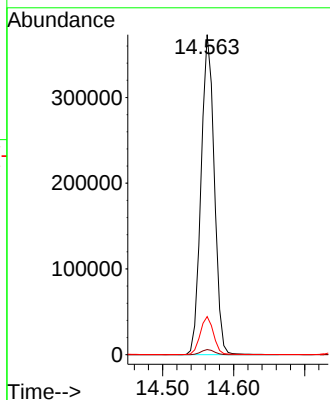
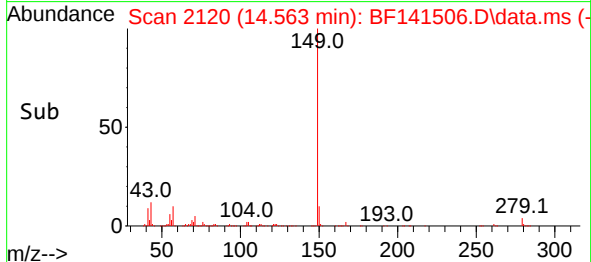
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 484418
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 9.5 14.3

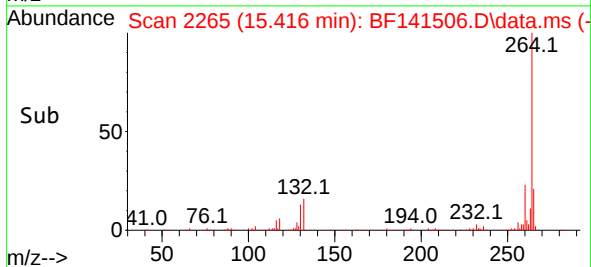
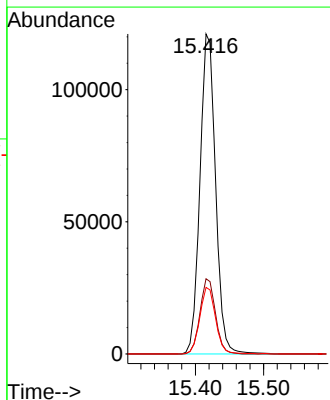
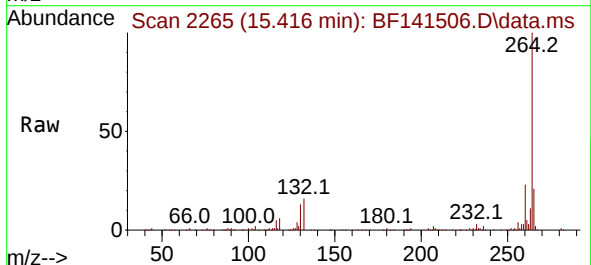
Manual Integrations
APPROVED

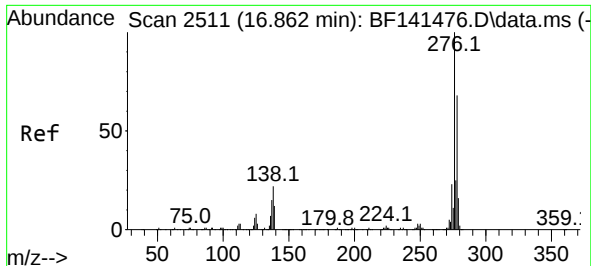
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Tgt Ion:264 Resp: 192868
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 20.8 17.0 25.4





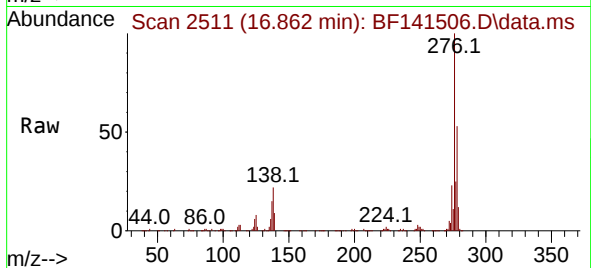
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.313 ng
RT: 16.862 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

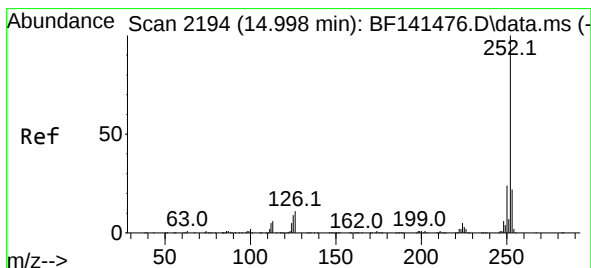
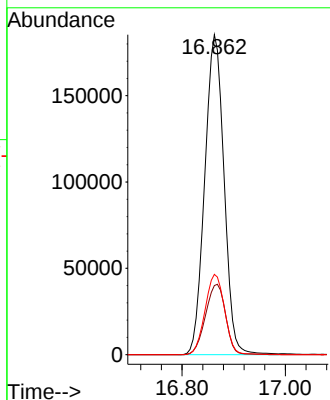
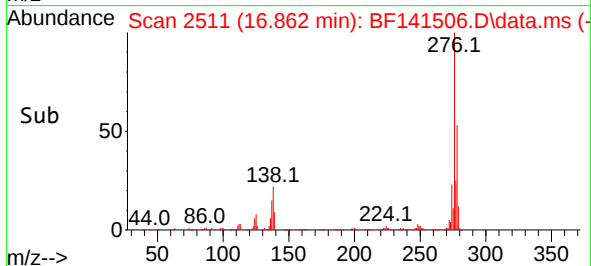


Tgt Ion:276 Resp: 480414
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.5 20.4 30.6

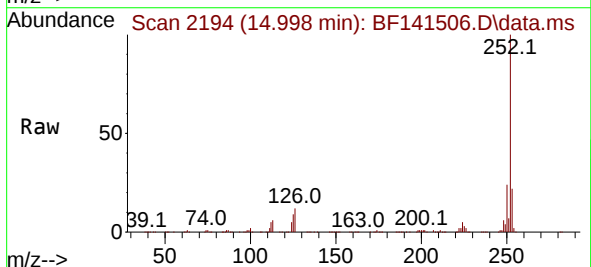
Manual Integrations

APPROVED

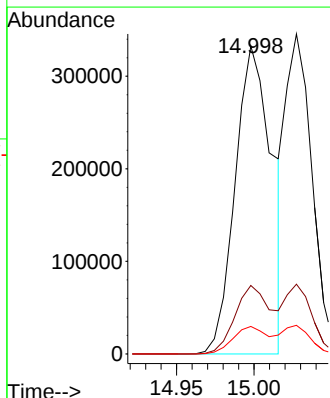
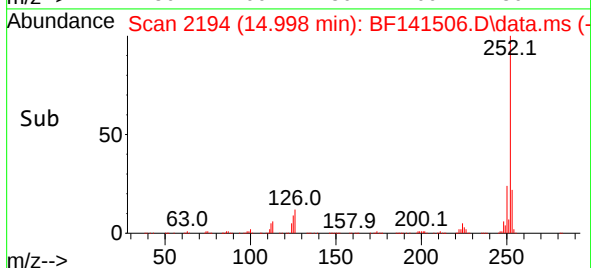
Reviewed By :Anahy Claudio 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

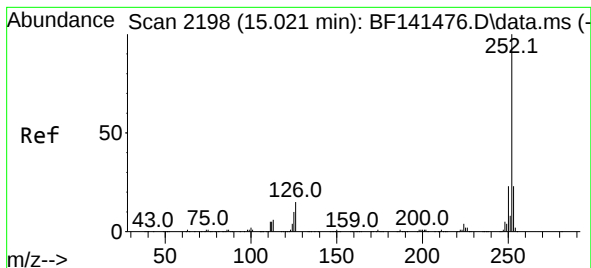


#88
Benzo(b)fluoranthene
Concen: 42.468 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:252 Resp: 549964
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 37.333 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 412835

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

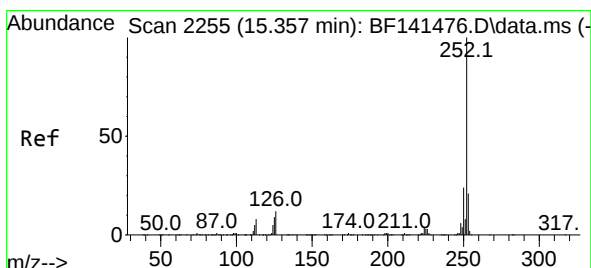
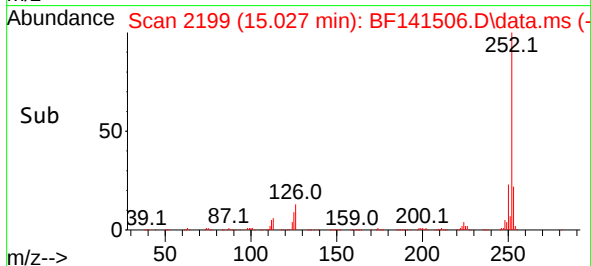
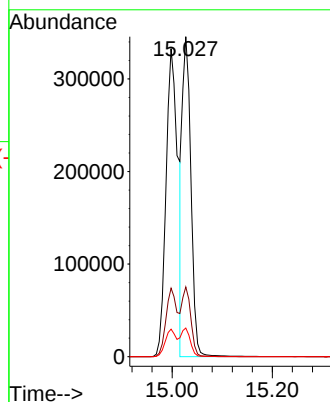
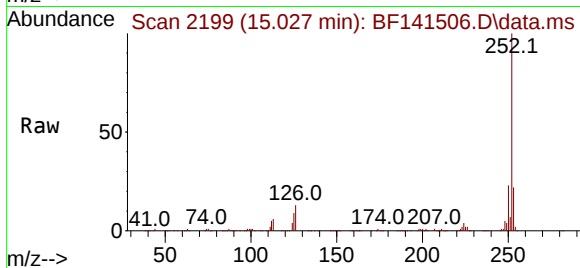
125 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#90

Benzo(a)pyrene

Concen: 40.121 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

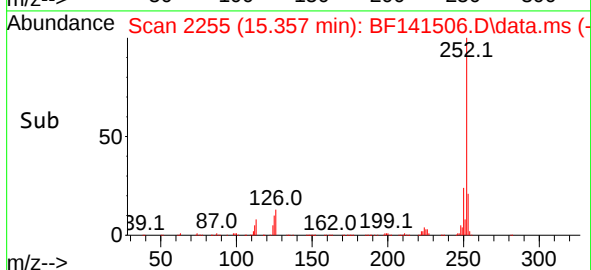
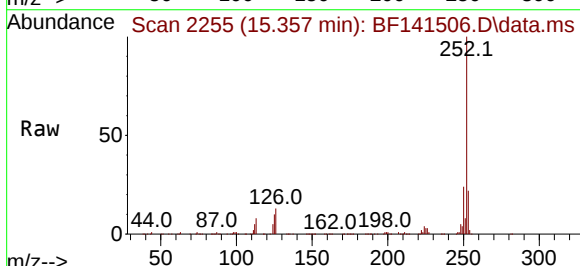
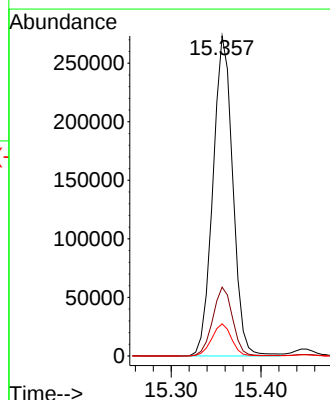
Tgt Ion:252 Resp: 420423

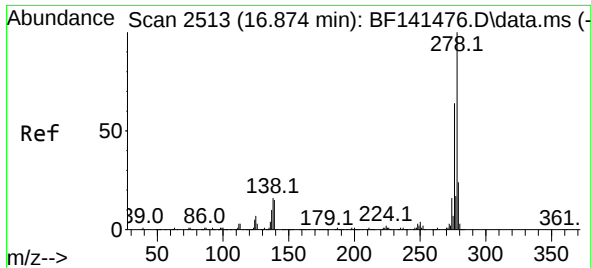
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 10.1 7.4 11.2





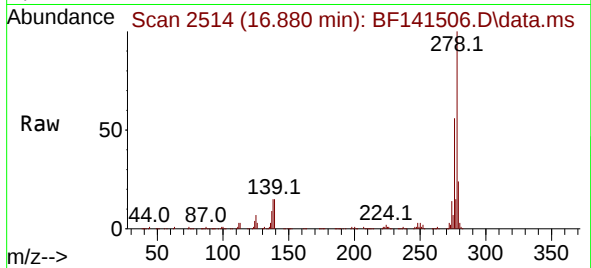
#91
Dibenzo(a,h)anthracene
Concen: 40.397 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

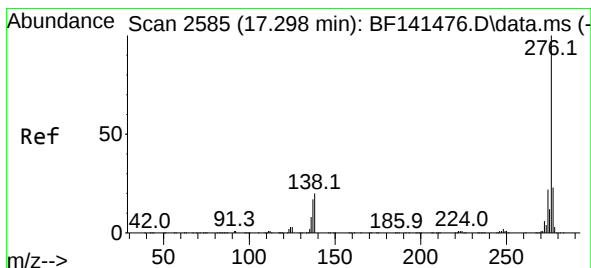
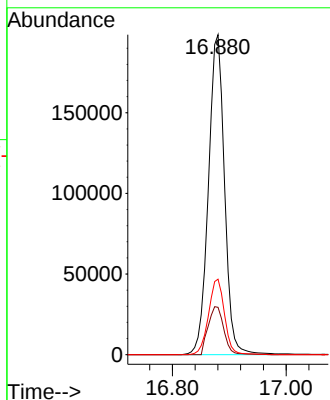
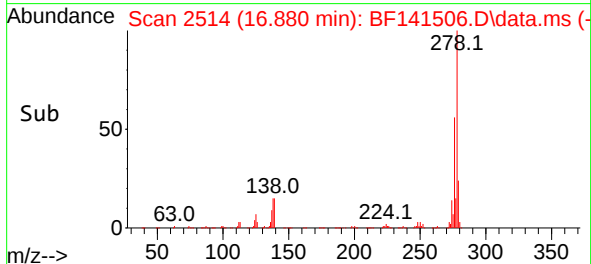


Tgt Ion:278 Resp: 390089
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.6
279 23.6 19.1 28.7

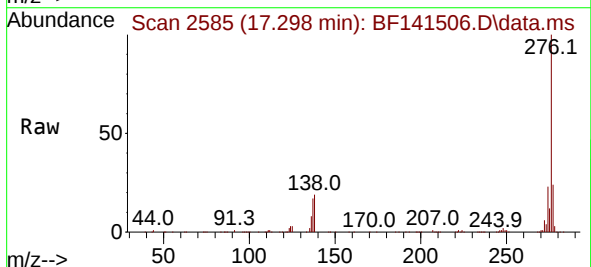
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.245 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.017 min
Lab File: BF141506.D
Acq: 07 Feb 2025 14:33



Tgt Ion:276 Resp: 396572
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.5 15.9 23.9

