

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141504.D
 Acq On : 07 Feb 2025 13:25
 Operator : RC/JU
 Sample : PB166580BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB166580BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed

02/12/2025

Quant Time: Feb 07 13:57:54 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	84165	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	329234	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190397	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	321760	20.000	ng	0.00
76) Chrysene-d12	13.957	240	232619	20.000	ng	0.00
86) Perylene-d12	15.410	264	185585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	727695	135.548	ng	0.00
7) Phenol-d6	6.434	99	904787	133.343	ng	0.00
23) Nitrobenzene-d5	7.357	82	591144	93.651	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	260751	136.332	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1124942	91.027	ng	0.00
79) Terphenyl-d14	12.904	244	1341199	97.334	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	90686	41.970	ng	98
3) Pyridine	3.316	79	213258	41.476	ng	99
4) n-Nitrosodimethylamine	3.263	42	149187	43.820	ng	100
6) Aniline	6.451	93	253445	39.818	ng	94
8) 2-Chlorophenol	6.575	128	264365	45.573	ng	99
9) Benzaldehyde	6.340	77	167427	46.433	ng	99
10) Phenol	6.445	94	313508	44.392	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	234980	44.298	ng	99
12) 1,3-Dichlorobenzene	6.728	146	268734	43.881	ng	99
13) 1,4-Dichlorobenzene	6.804	146	274404	43.855	ng	99
14) 1,2-Dichlorobenzene	6.957	146	262812	45.255	ng	99
15) Benzyl Alcohol	6.934	79	227643	43.749	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	405278	44.632	ng	83
17) 2-Methylphenol	7.051	107	206060	45.392	ng	97
18) Hexachloroethane	7.298	117	103053	44.502	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	183479	45.206	ng	99
20) 3+4-Methylphenols	7.204	107	266280	46.156	ng	99
22) Acetophenone	7.198	105	403517	49.270	ng	# 99
24) Nitrobenzene	7.375	77	279798	45.457	ng	100
25) Isophorone	7.610	82	492267	48.911	ng	99
26) 2-Nitrophenol	7.687	139	141061	46.063	ng	99
27) 2,4-Dimethylphenol	7.728	122	209107	58.451	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	298023	46.211	ng	100
29) 2,4-Dichlorophenol	7.934	162	221943	45.916	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	233266	44.316	ng	99
31) Naphthalene	8.092	128	755864	44.105	ng	100
32) Benzoic acid	7.863	122	182303	49.060	ng	98
33) 4-Chloroaniline	8.145	127	114469	19.131	ng	98
34) Hexachlorobutadiene	8.210	225	145176	45.942	ng	99
35) Caprolactam	8.516	113	74661m	50.731	ng	
36) 4-Chloro-3-methylphenol	8.634	107	251259	46.927	ng	98
37) 2-Methylnaphthalene	8.786	142	480681	43.102	ng	100
38) 1-Methylnaphthalene	8.886	142	474644	43.944	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	259270	47.068	ng	98
41) Hexachlorocyclopentadiene	8.939	237	292470	159.633	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	158399	44.492	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141504.D
 Acq On : 07 Feb 2025 13:25
 Operator : RC/JU
 Sample : PB166580BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166580BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 13:57:54 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

Supervised By :mohammad
 ahmed
 02/12/2025

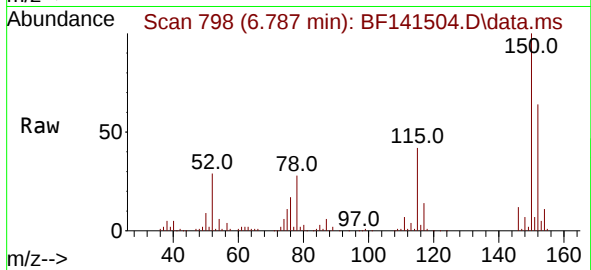
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	170945	44.305	ng	99
46) 1,1'-Biphenyl	9.251	154	709316	48.053	ng	100
47) 2-Chloronaphthalene	9.275	162	478264	43.815	ng	100
48) 2-Nitroaniline	9.375	65	164356	44.866	ng	97
49) Acenaphthylene	9.692	152	749902	46.189	ng	99
50) Dimethylphthalate	9.551	163	569466	44.057	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127565	45.146	ng	99
52) Acenaphthene	9.863	154	473583	43.389	ng	99
53) 3-Nitroaniline	9.786	138	75133	24.705	ng	100
54) 2,4-Dinitrophenol	9.898	184	158417	94.333	ng	97
55) Dibenzofuran	10.033	168	677949	42.316	ng	99
56) 4-Nitrophenol	9.963	139	214921	95.199	ng	99
57) 2,4-Dinitrotoluene	10.022	165	174179	46.305	ng	99
58) Fluorene	10.380	166	544471	43.953	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148450	44.689	ng	97
60) Diethylphthalate	10.257	149	555893	43.712	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	259223	43.498	ng	99
62) 4-Nitroaniline	10.404	138	131713	42.652	ng	99
63) Azobenzene	10.528	77	540310	42.737	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	104067	46.560	ng	94
66) n-Nitrosodiphenylamine	10.492	169	479403	46.545	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	161836	45.003	ng	96
68) Hexachlorobenzene	10.922	284	171304	46.261	ng	97
69) Atrazine	11.022	200	182031	58.910	ng	99
70) Pentachlorophenol	11.122	266	217339	91.791	ng	100
71) Phenanthrene	11.339	178	817048	46.131	ng	100
72) Anthracene	11.392	178	840986	47.235	ng	100
73) Carbazole	11.545	167	739972	46.190	ng	100
74) Di-n-butylphthalate	11.880	149	862249	46.613	ng	100
75) Fluoranthene	12.527	202	866297	46.135	ng	100
77) Benzidine	12.651	184	370170	72.154	ng	99
78) Pyrene	12.757	202	895555	45.225	ng	99
80) Butylbenzylphthalate	13.380	149	338673	49.377	ng	97
81) Benzo(a)anthracene	13.945	228	692735	44.800	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	132454	29.903	ng	97
83) Chrysene	13.986	228	651817	45.653	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	416857	53.887	ng	99
85) Di-n-octyl phthalate	14.557	149	575720	52.169	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	533447	46.520	ng	100
88) Benzo(b)fluoranthene	14.992	252	544128	43.666	ng	100
89) Benzo(k)fluoranthene	15.021	252	515802	48.475	ng	98
90) Benzo(a)pyrene	15.351	252	494215	49.014	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	427241	45.981	ng	100
92) Benzo(g,h,i)perylene	17.286	276	411141	42.284	ng	98

(#) = 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: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

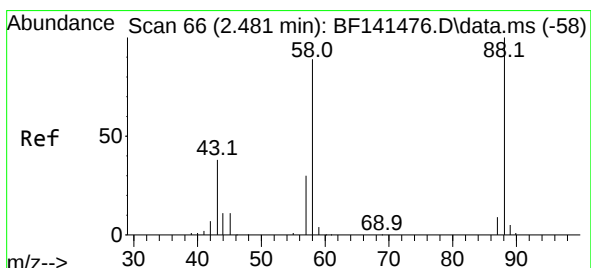
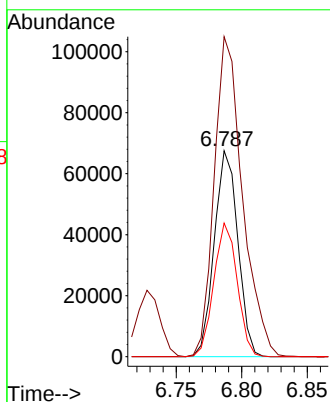
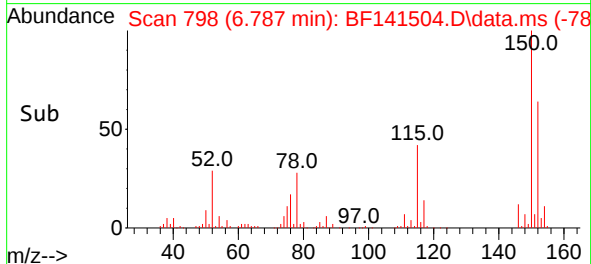


Tgt Ion:152 Resp: 8416
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 64.9 53.6 80.4

Manual Integrations
APPROVED

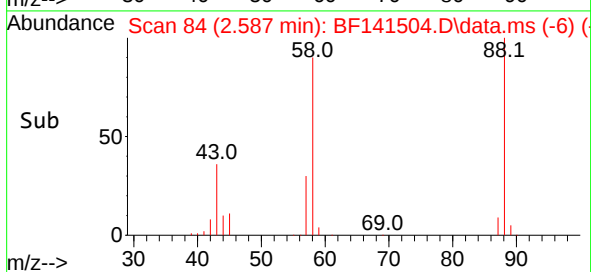
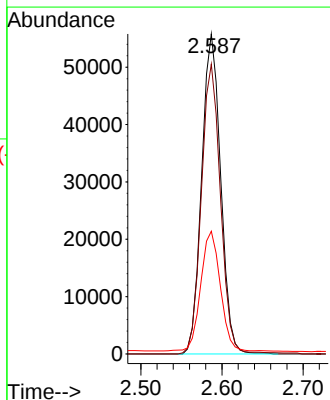
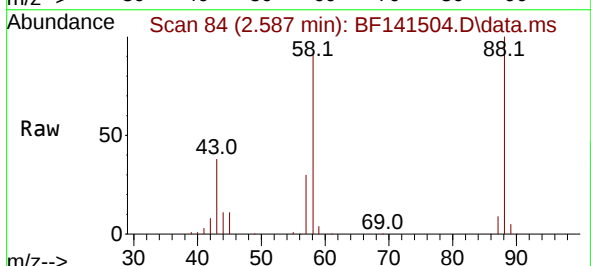
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

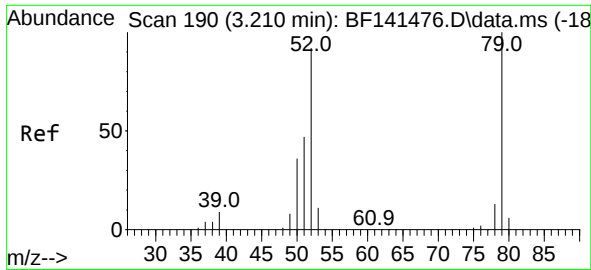
Supervised By :mohammad
ahmed
02/12/2025



#2
1,4-Dioxane
Concen: 41.970 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.106 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 88 Resp: 90686
Ion Ratio Lower Upper
88 100
58 91.6 71.1 106.7
43 38.3 30.6 46.0





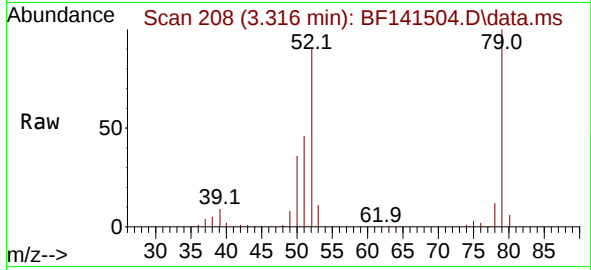
#3
Pyridine
Concen: 41.476 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion: 79 Resp: 21325
Ion Ratio Lower Upper
79 100
52 90.9 73.7 110.5
51 45.7 37.5 56.3

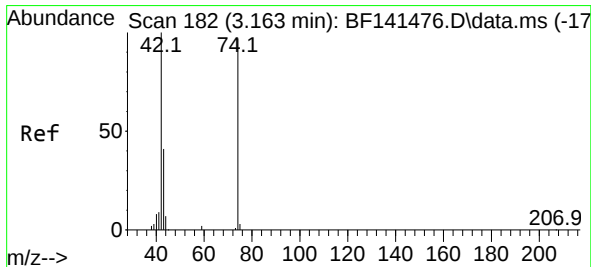
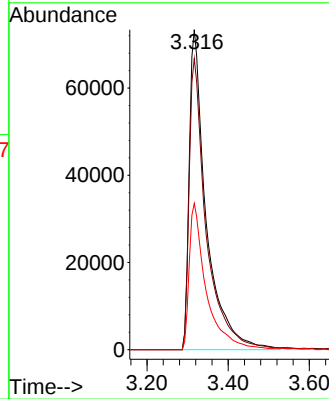
Manual Integrations

APPROVED

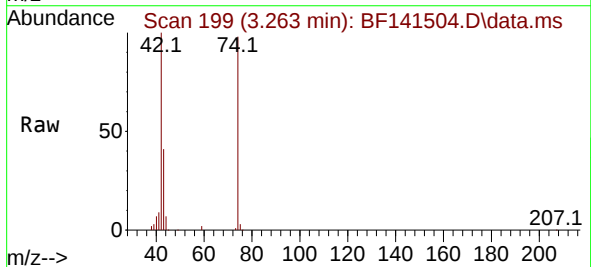
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

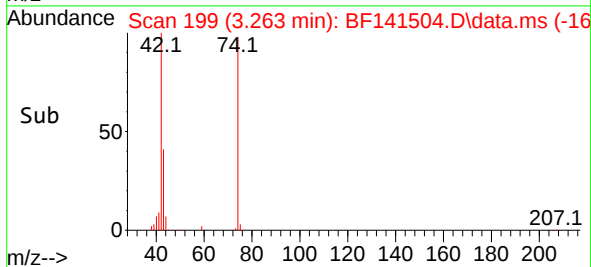
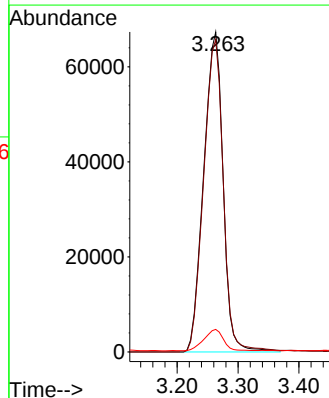
Supervised By :mohammad
ahmed
02/12/2025



#4
n-Nitrosodimethylamine
Concen: 43.820 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.077 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion: 42 Resp: 149187
Ion Ratio Lower Upper
42 100
74 97.7 78.0 117.0
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 135.548 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

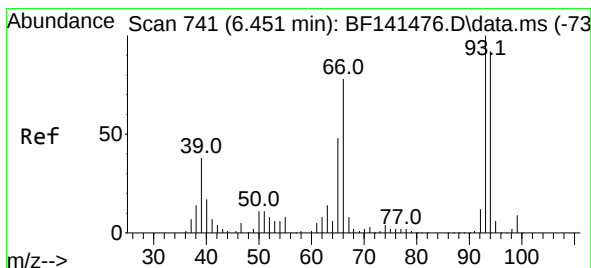
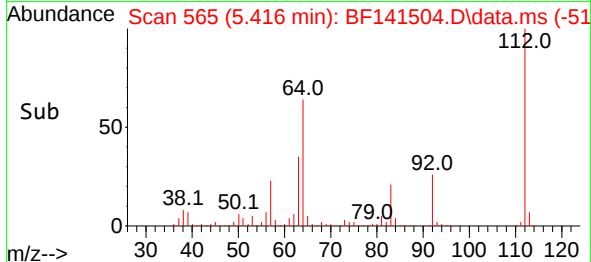
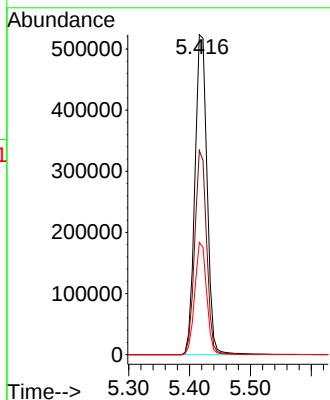
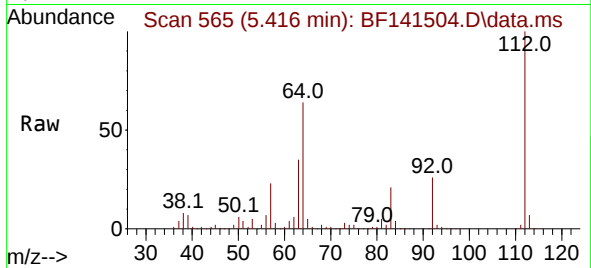
PB166580BS

Tgt Ion:112 Resp: 72769
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 35.1 28.4 42.6

Manual Integrations
APPROVED

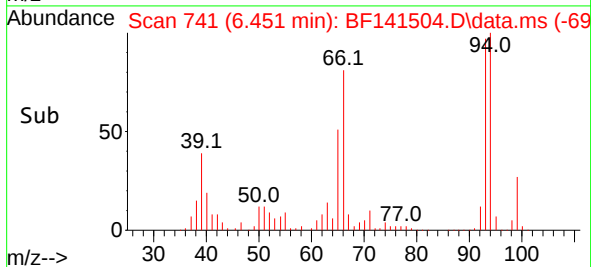
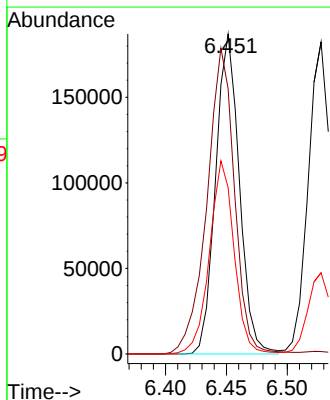
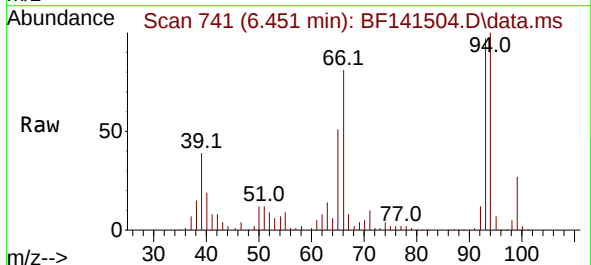
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

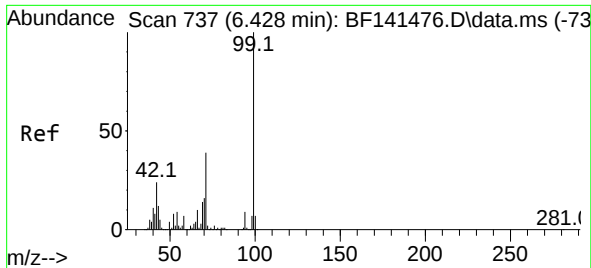
Supervised By :mohammad
ahmed
02/12/2025



#6
Aniline
Concen: 39.818 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

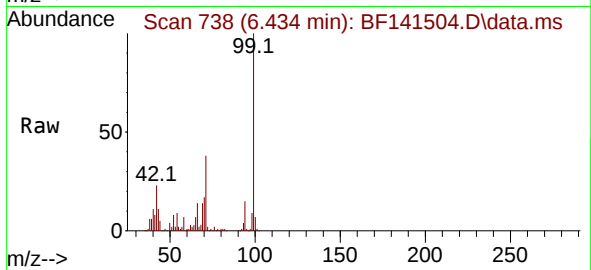
Tgt Ion: 93 Resp: 253445
Ion Ratio Lower Upper
93 100
66 82.9 62.6 94.0
65 52.0 38.3 57.5





#7
Phenol-d6
Concen: 133.343 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

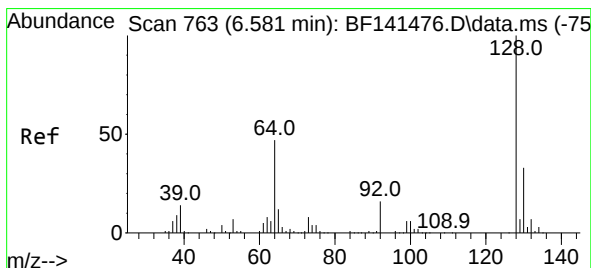
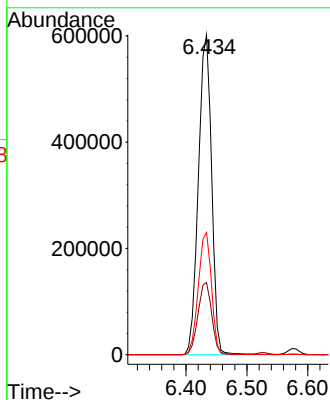
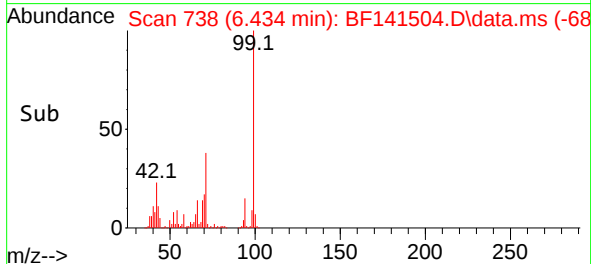


Tgt Ion: 99 Resp: 90478
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 38.2 31.1 46.7

Manual Integrations
APPROVED

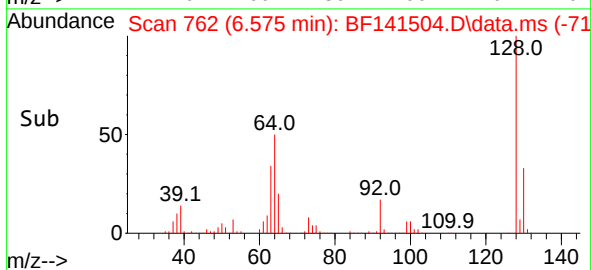
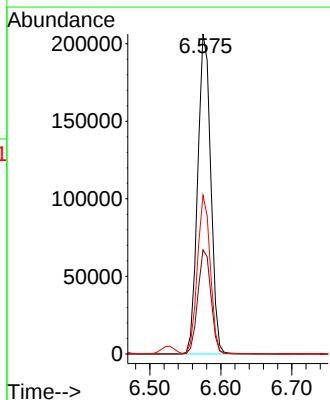
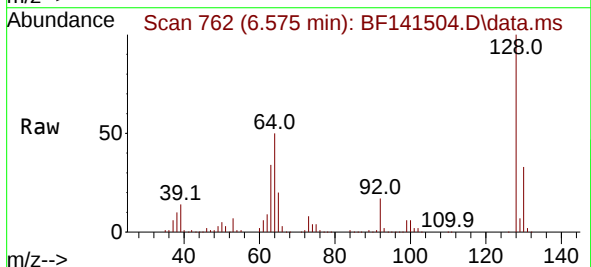
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#8
2-Chlorophenol
Concen: 45.573 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

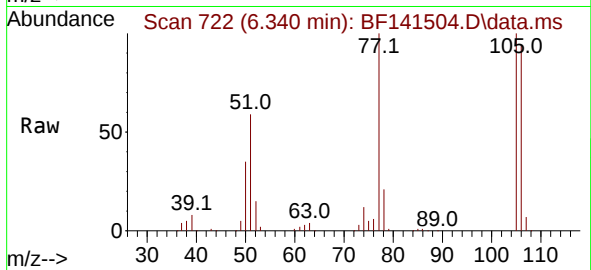
Tgt Ion:128 Resp: 264365
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 49.6 28.3 68.3





#9
Benzaldehyde
Concen: 46.433 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

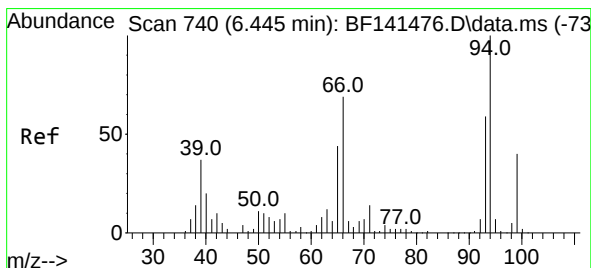
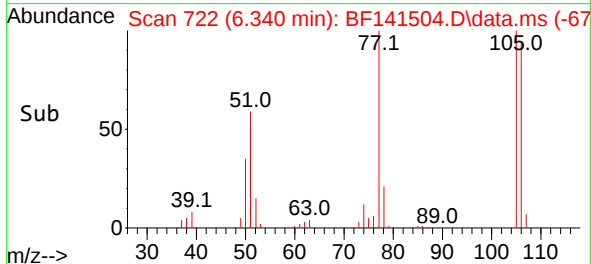
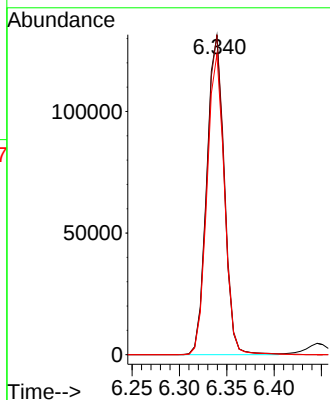


Tgt Ion: 77 Resp: 16742
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 94.2 75.1 115.1

Manual Integrations
APPROVED

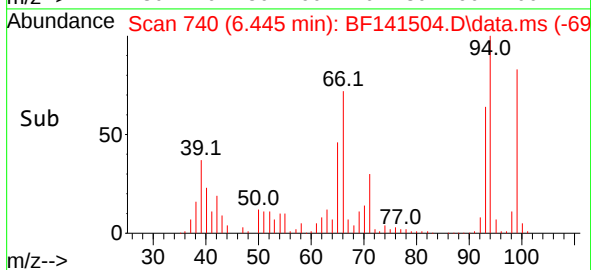
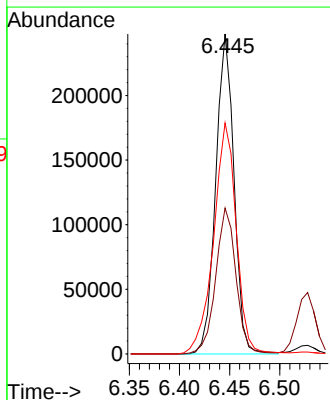
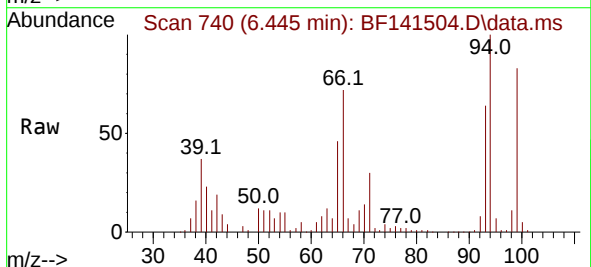
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

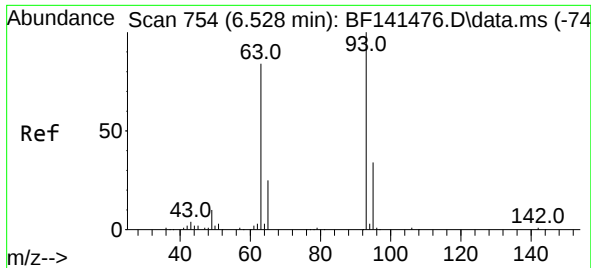
Supervised By :mohammad
ahmed
02/12/2025



#10
Phenol
Concen: 44.392 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 94 Resp: 313508
Ion Ratio Lower Upper
94 100
65 45.6 23.7 63.7
66 72.2 49.3 89.3





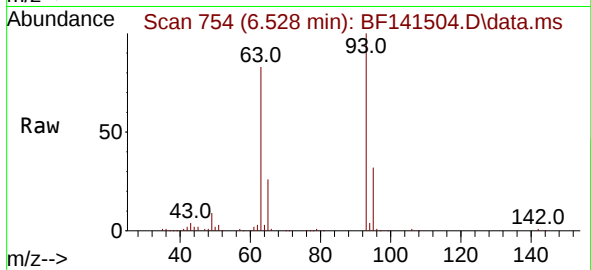
#11
bis(2-Chloroethyl)ether
Concen: 44.298 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

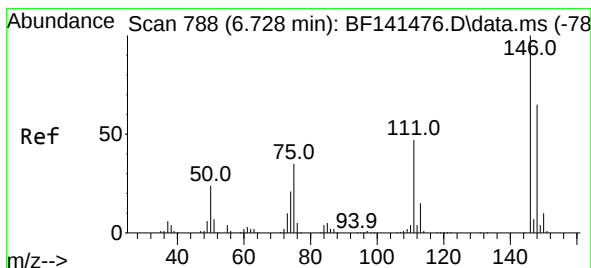
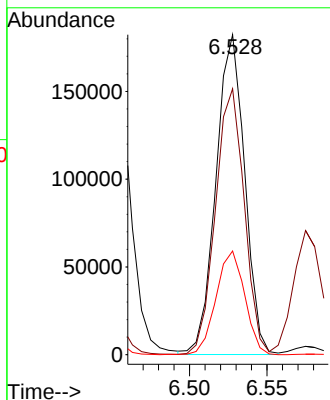
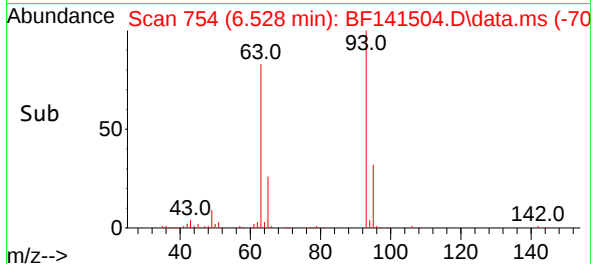


Tgt Ion: 93 Resp: 234980
Ion Ratio Lower Upper
93 100
63 83.1 62.0 102.0
95 32.4 12.6 52.6

Manual Integrations
APPROVED

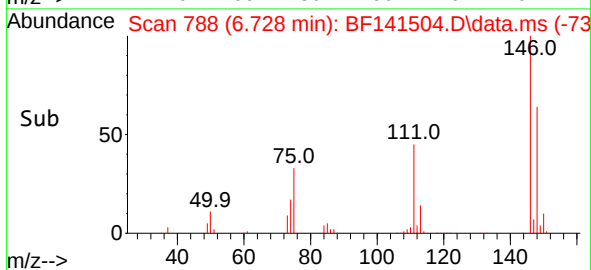
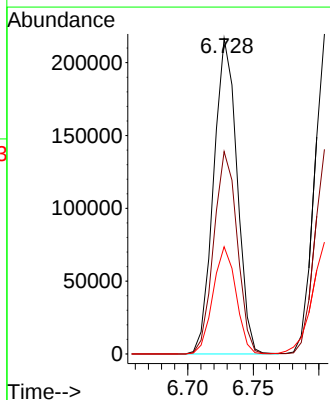
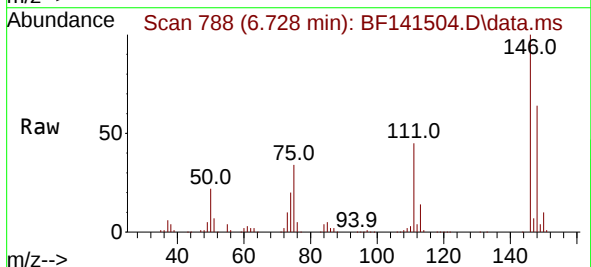
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#12
1,3-Dichlorobenzene
Concen: 43.881 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

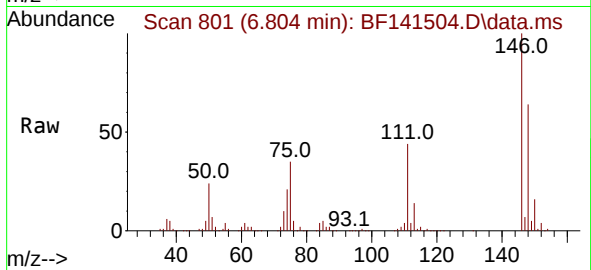
Tgt Ion:146 Resp: 268734
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 34.0 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 43.855 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

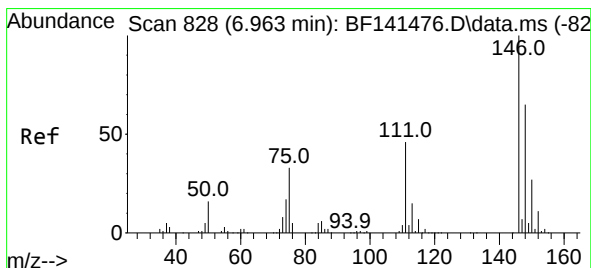
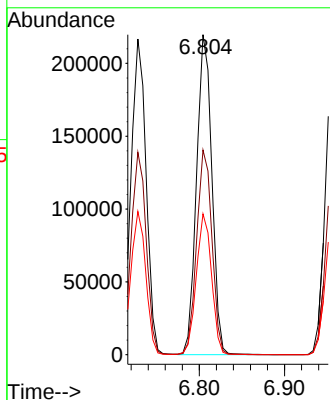
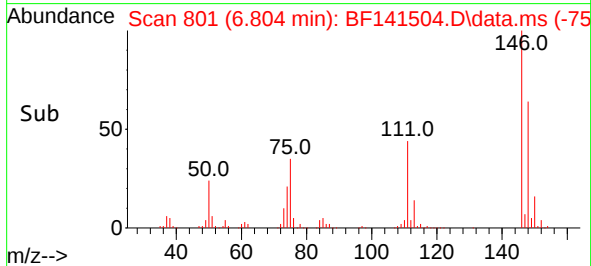


Tgt Ion:146 Resp: 274404
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 44.0 35.9 53.9

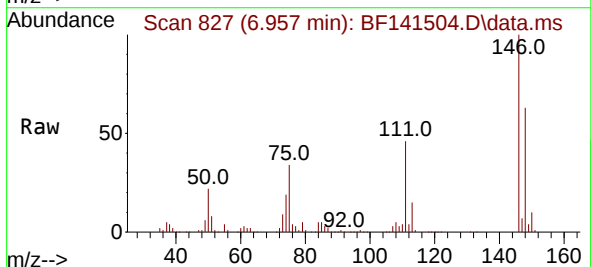
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

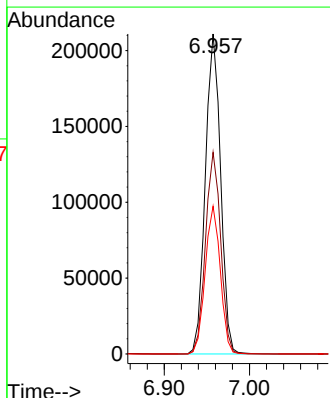
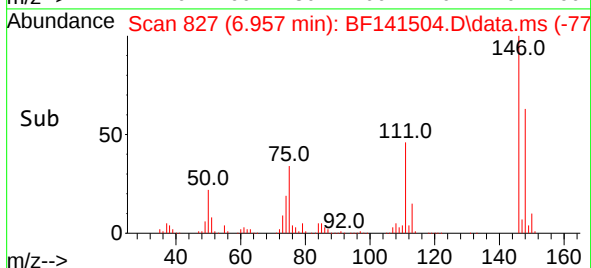
Supervised By :mohammad
ahmed
02/12/2025

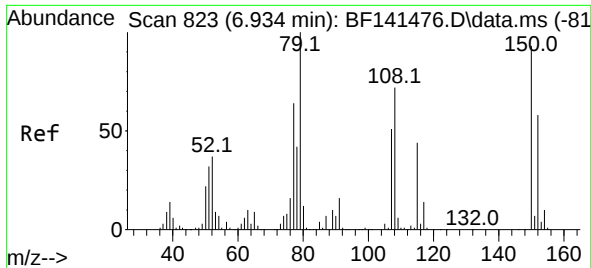


#14
1,2-Dichlorobenzene
Concen: 45.255 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:146 Resp: 262812
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
111 46.1 37.0 55.4





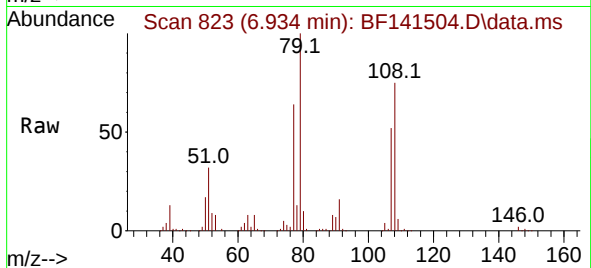
#15
Benzyl Alcohol
Concen: 43.749 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

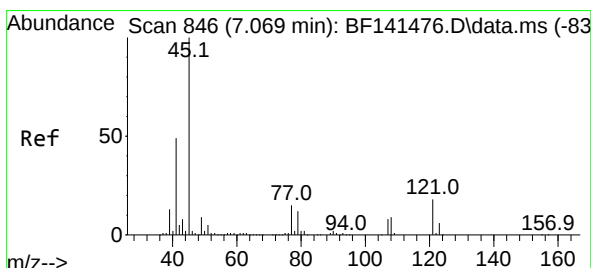
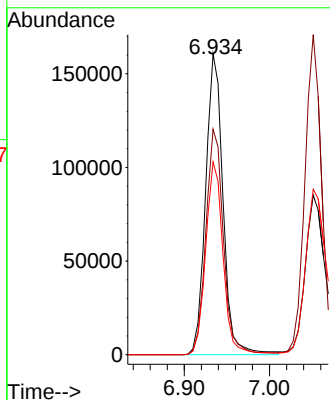
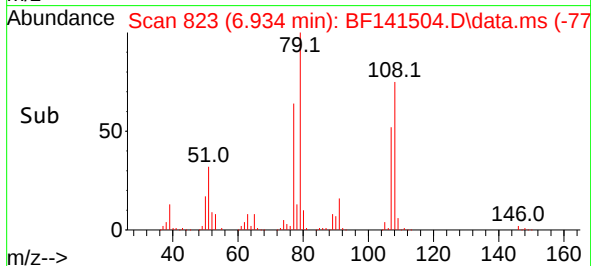


Tgt Ion: 79 Resp: 22764
Ion Ratio Lower Upper
79 100
108 74.9 57.4 86.2
77 64.1 50.9 76.3

Manual Integrations
APPROVED

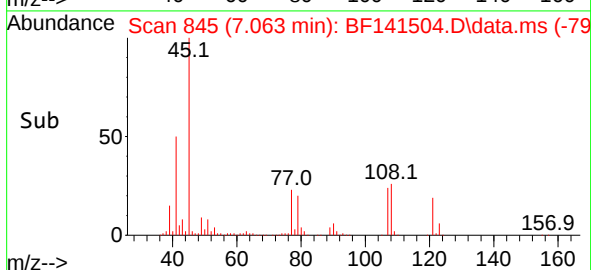
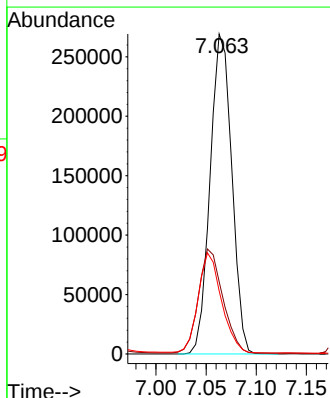
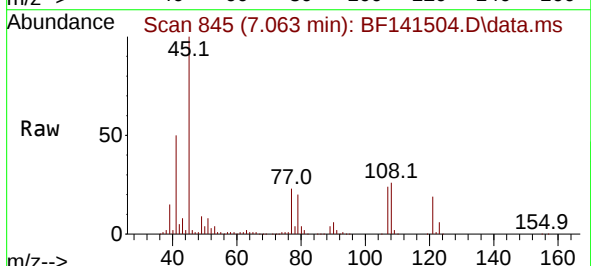
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.632 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 45 Resp: 405278
Ion Ratio Lower Upper
45 100
77 22.6 0.0 35.8
79 19.7 0.0 32.7





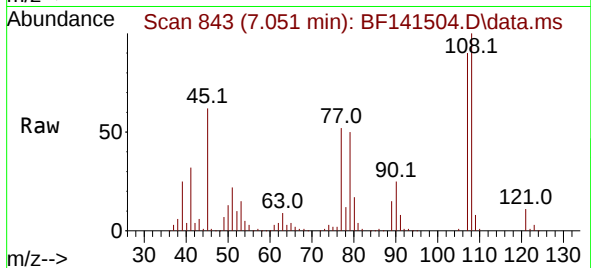
#17
2-Methylphenol
Concen: 45.392 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



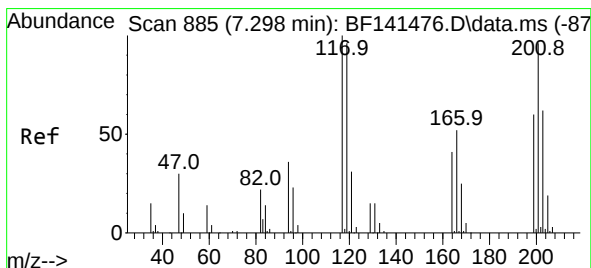
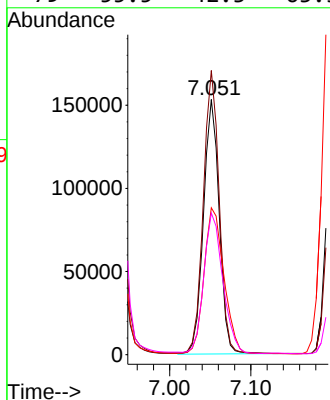
Tgt Ion:107 Resp: 206060
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 57.6 44.4 66.6
79 55.5 42.3 63.5

Manual Integrations

APPROVED

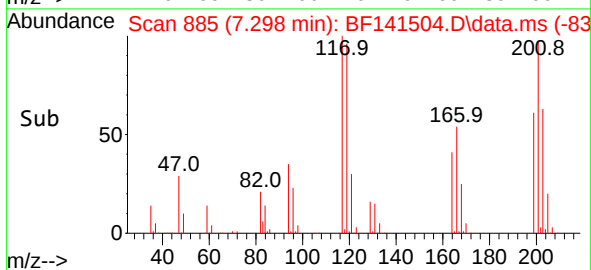
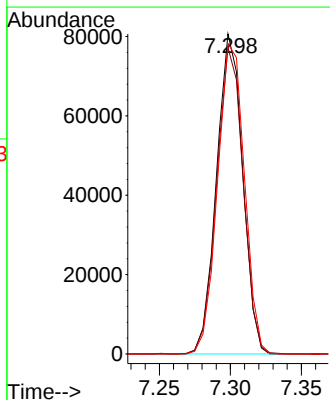
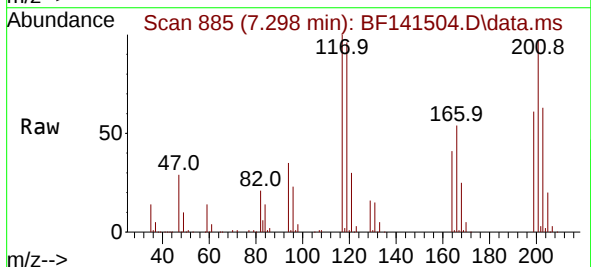
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

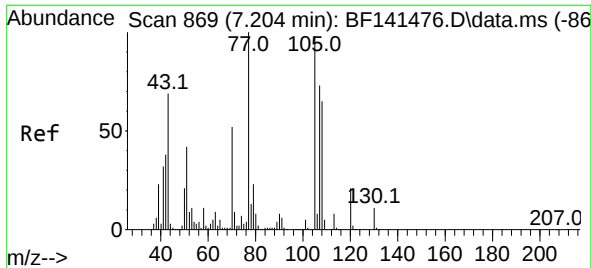
Supervised By :mohammad
ahmed
02/12/2025



#18
Hexachloroethane
Concen: 44.502 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:117 Resp: 103053
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 97.0 76.7 115.1





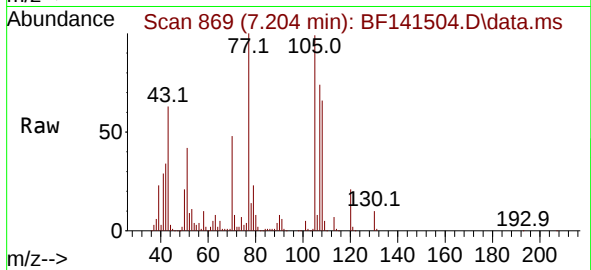
#19
n-Nitroso-di-n-propylamine
Concen: 45.206 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

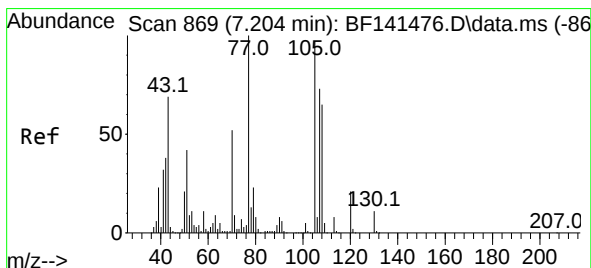
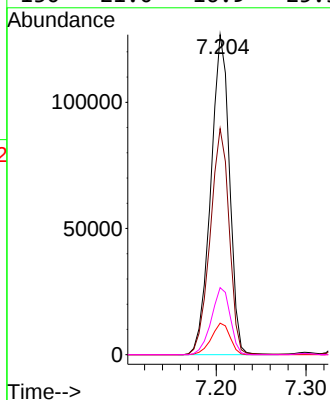
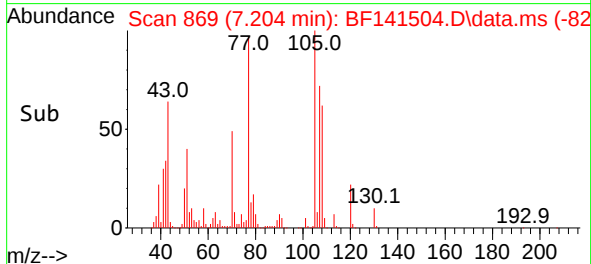


Tgt Ion: 70 Resp: 183479
Ion Ratio Lower Upper
70 100
42 70.7 57.4 86.2
101 9.9 8.0 12.0
130 21.0 16.9 25.3

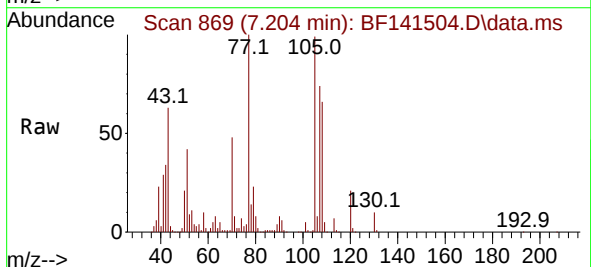
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

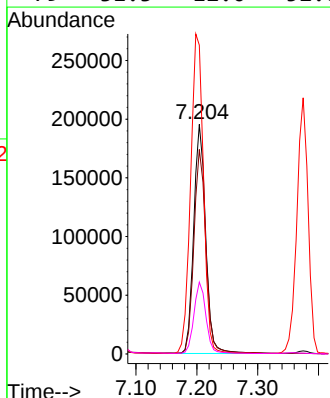
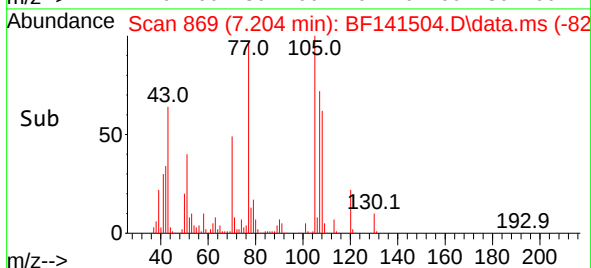
Supervised By :mohammad
ahmed
02/12/2025

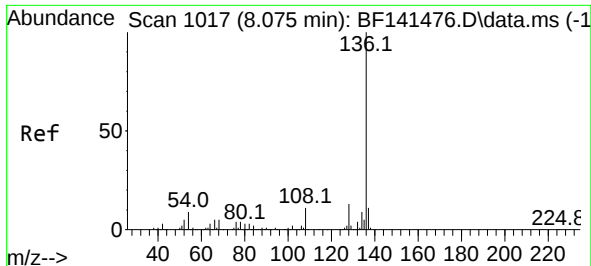


#20
3+4-Methylphenols
Concen: 46.156 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:107 Resp: 266280
Ion Ratio Lower Upper
107 100
108 89.0 68.5 108.5
77 134.5 116.5 156.5
79 31.3 12.0 52.0





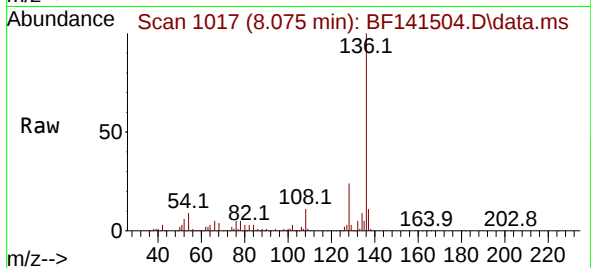
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



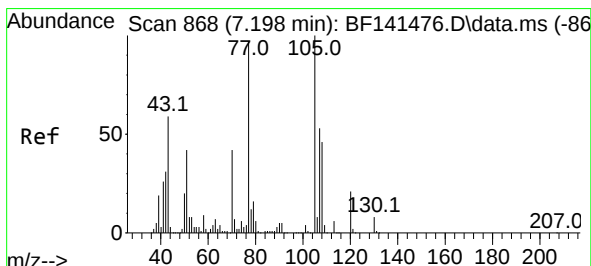
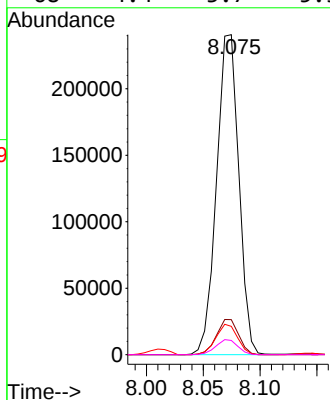
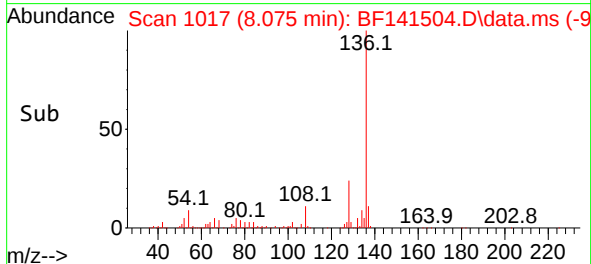
Tgt Ion:136 Resp: 329234
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.2 10.8
68 4.4 3.7 5.5

Manual Integrations

APPROVED

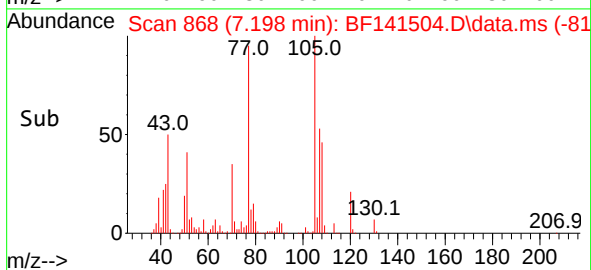
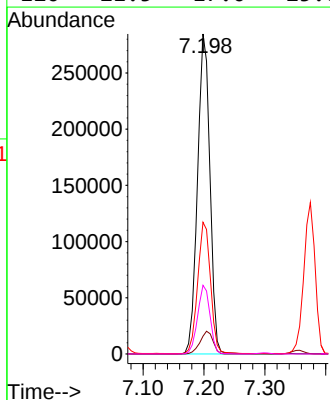
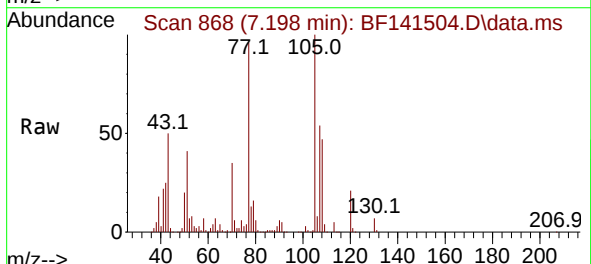
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#22
Acetophenone
Concen: 49.270 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:105 Resp: 403517
Ion Ratio Lower Upper
105 100
71 5.5 5.7 8.5#
51 41.1 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.651 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141504.D

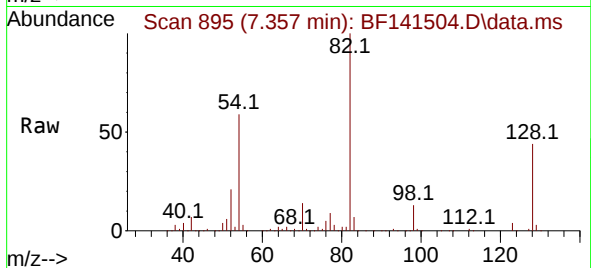
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion: 82 Resp: 59114

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	59.5	48.2	72.4

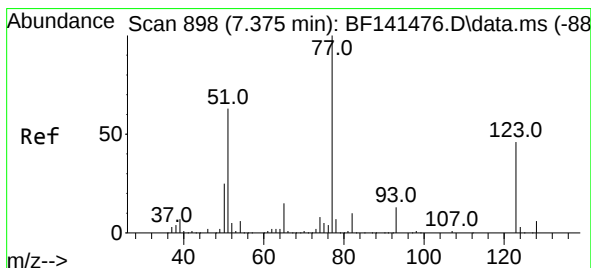
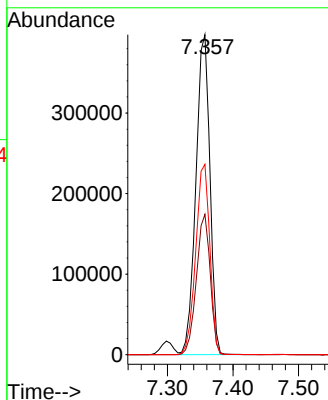
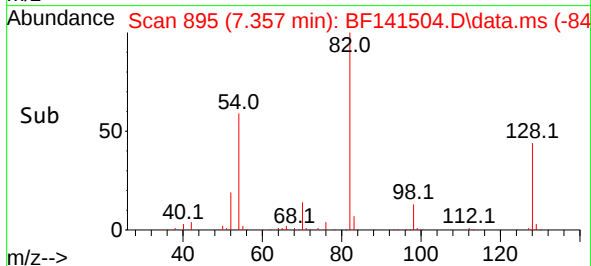
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#24

Nitrobenzene

Concen: 45.457 ng

RT: 7.375 min Scan# 898

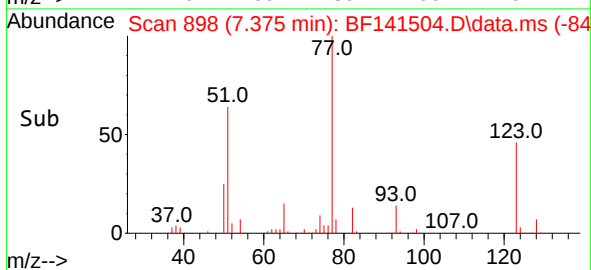
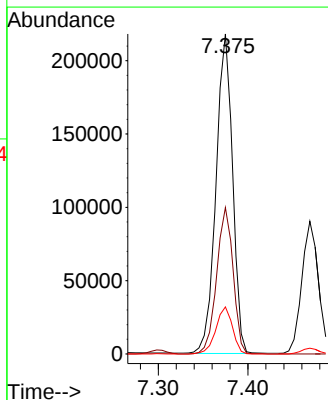
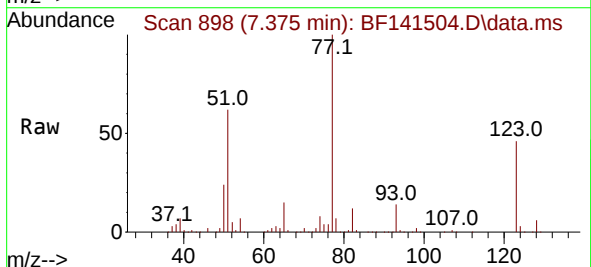
Delta R.T. -0.006 min

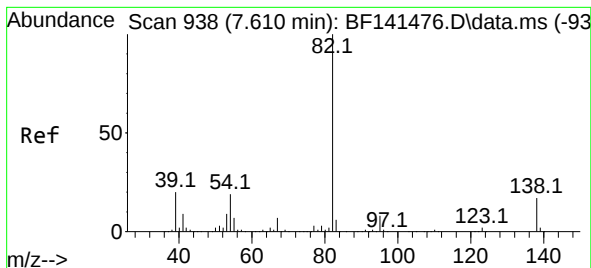
Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

Tgt Ion: 77 Resp: 279798

Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.9	55.3
65	14.7	11.9	17.9





#25

Isophorone

Concen: 48.911 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

Tgt Ion: 82 Resp: 49226
 Ion Ratio Lower Upper
 82 100
 95 7.8 6.4 9.6
 138 17.8 13.9 20.9

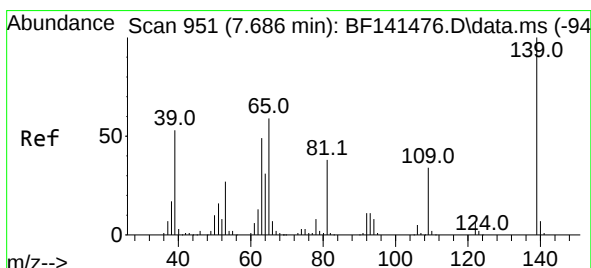
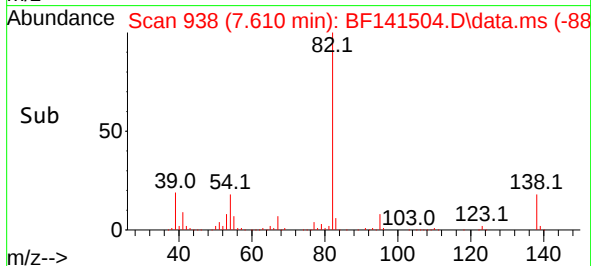
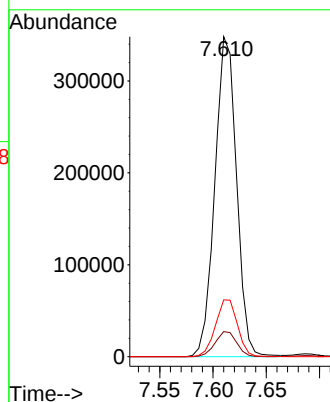
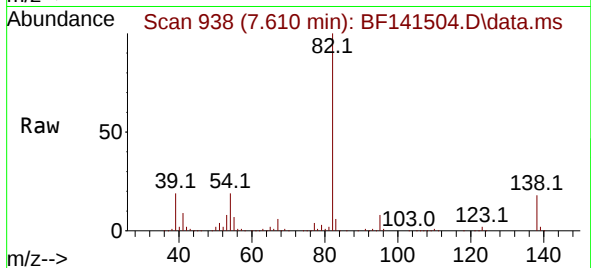
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#26

2-Nitrophenol

Concen: 46.063 ng

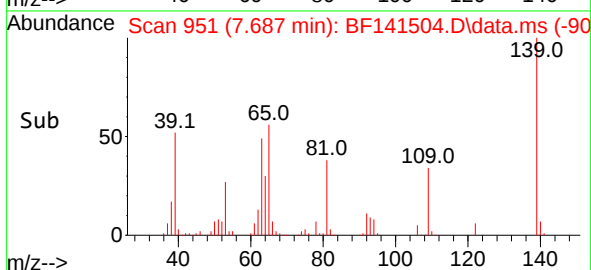
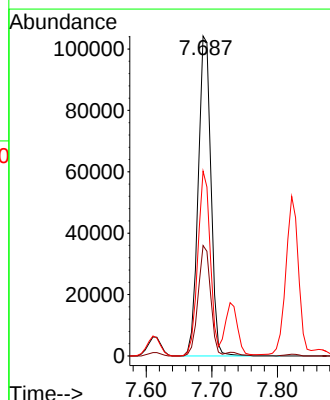
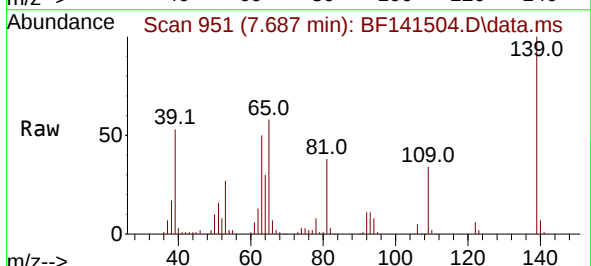
RT: 7.687 min Scan# 951

Delta R.T. -0.006 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

Tgt Ion:139 Resp: 141061
 Ion Ratio Lower Upper
 139 100
 109 34.5 27.0 40.6
 65 57.7 47.1 70.7





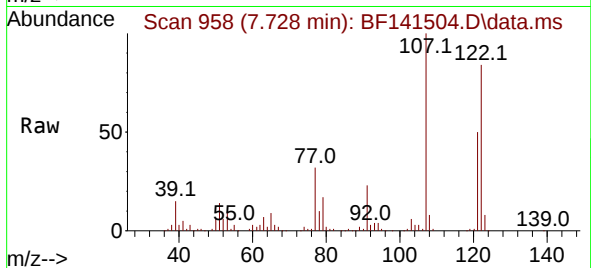
#27
2,4-Dimethylphenol
Concen: 58.451 ng
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

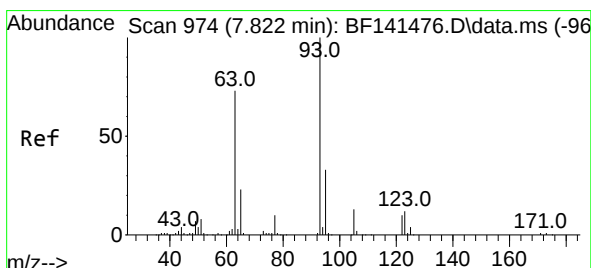
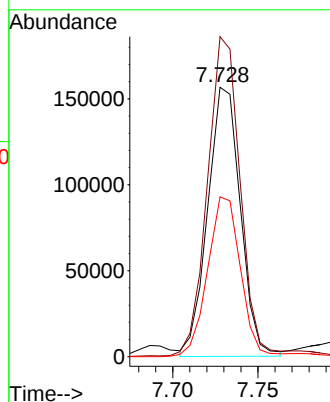


Tgt Ion:122 Resp: 20910
Ion Ratio Lower Upper
122 100
107 118.7 94.3 141.5
121 59.3 46.0 69.0

Manual Integrations
APPROVED

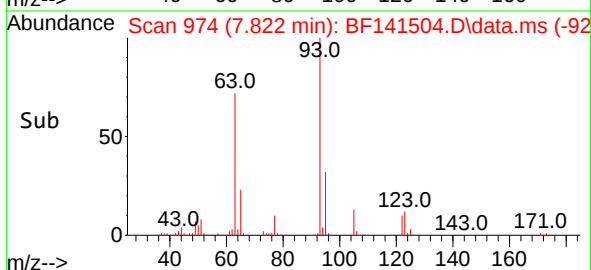
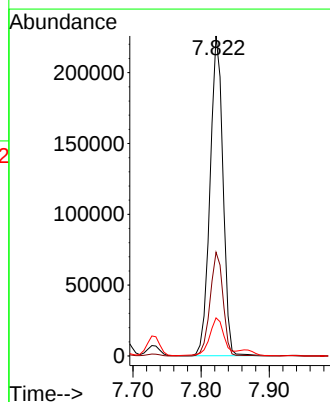
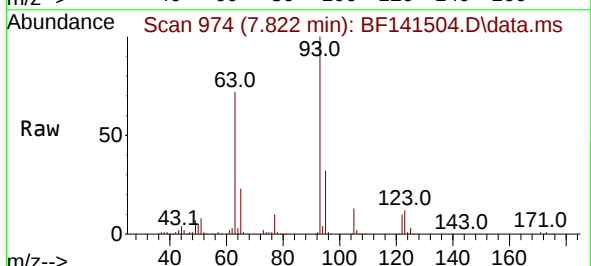
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.211 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 93 Resp: 298023
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.916 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141504.D

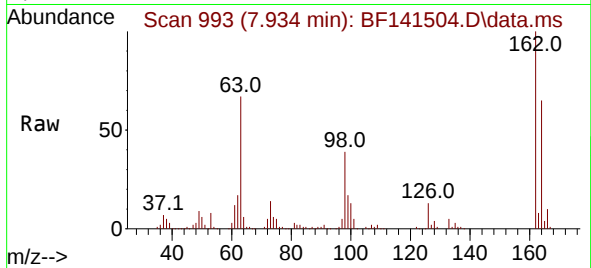
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:162	Resp:	22194	
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	39.5	17.2	57.2

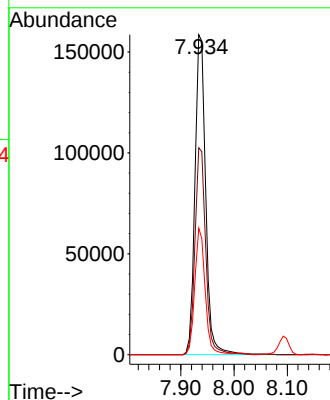
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.316 ng

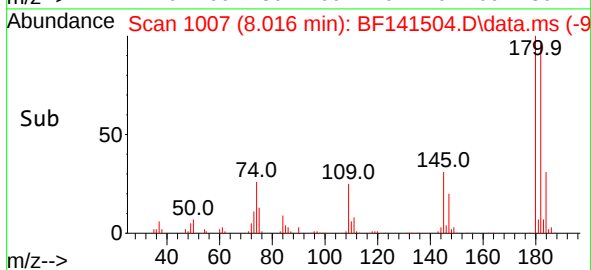
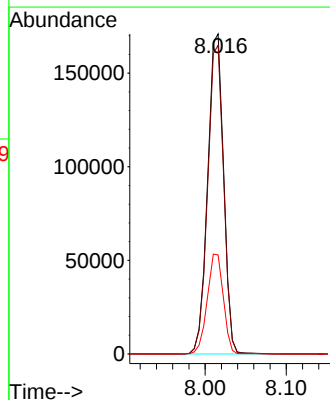
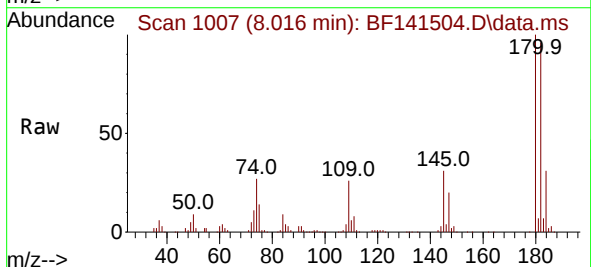
RT: 8.016 min Scan# 1007

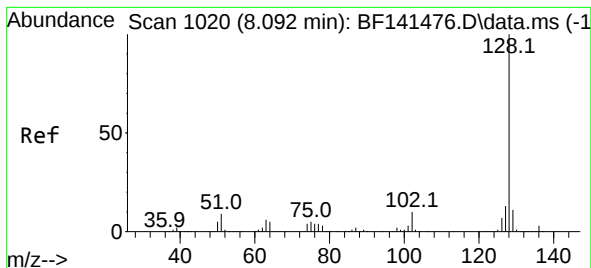
Delta R.T. 0.000 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

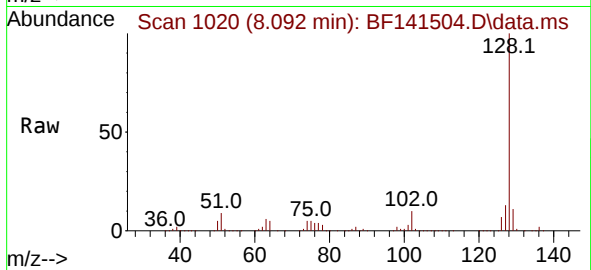
Tgt Ion:180	Resp:	233266	
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.8	115.2
145	31.0	24.2	36.4





#31
Naphthalene
Concen: 44.105 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

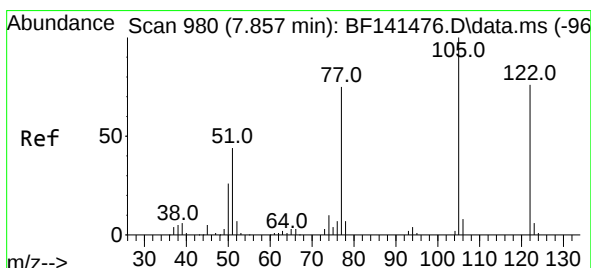
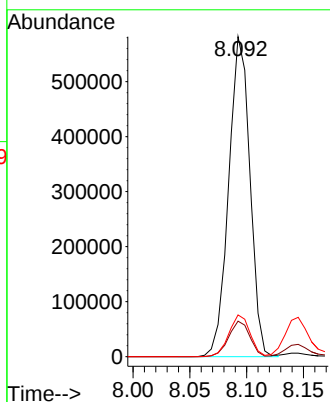
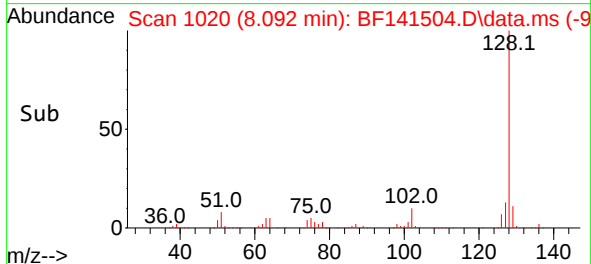


Tgt Ion:128 Resp: 755864
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.7 16.1

Manual Integrations
APPROVED

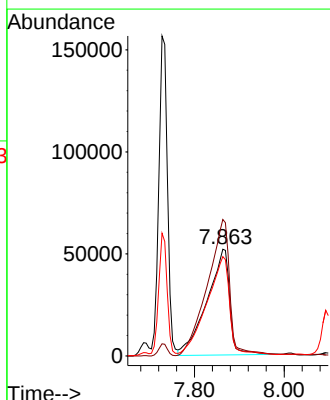
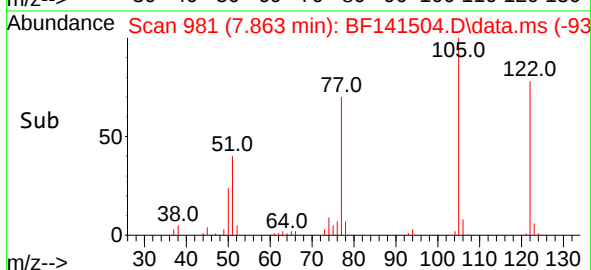
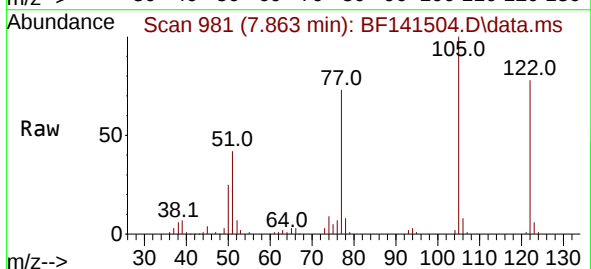
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#32
Benzoic acid
Concen: 49.060 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:122 Resp: 182303
Ion Ratio Lower Upper
122 100
105 127.8 106.5 146.5
77 93.2 76.3 116.3





#33
4-Chloroaniline
Concen: 19.131 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

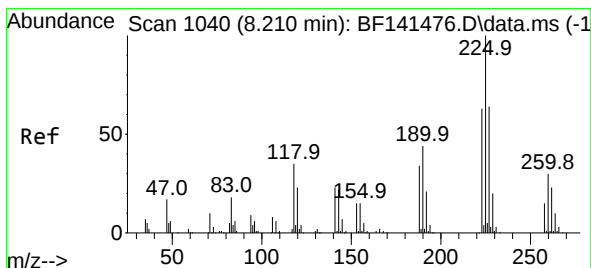
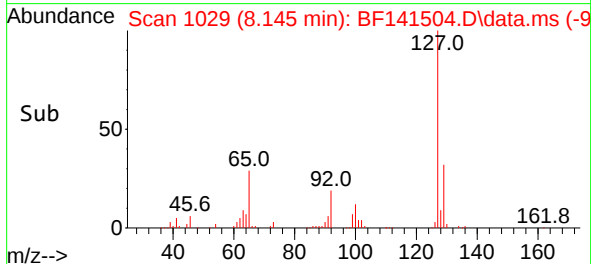
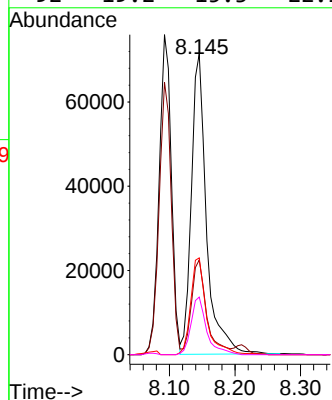
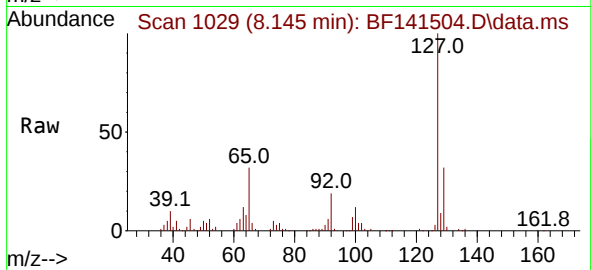
PB166580BS

Tgt Ion:127 Resp: 114469
Ion Ratio Lower Upper
127 100
129 31.5 26.5 39.7
65 32.2 26.4 39.6
92 19.2 15.3 22.9

Manual Integrations
APPROVED

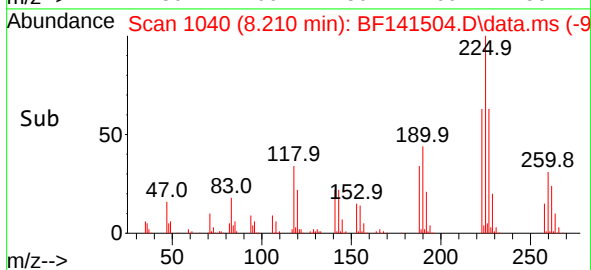
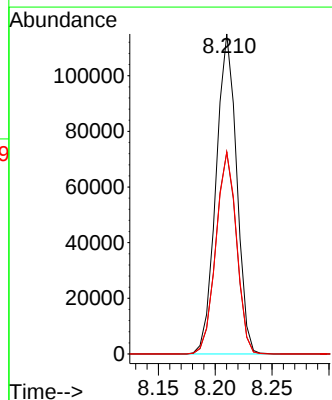
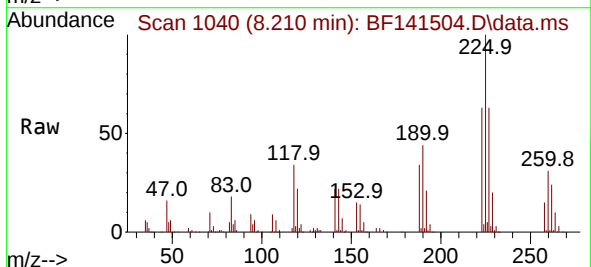
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

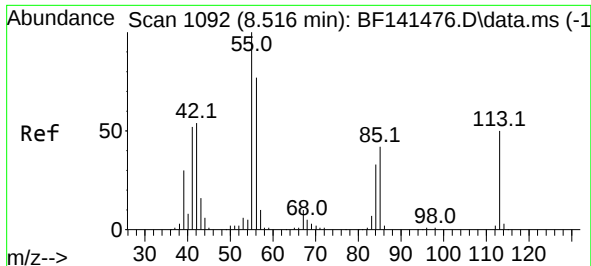
Supervised By :mohammad
ahmed
02/12/2025



#34
Hexachlorobutadiene
Concen: 45.942 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:225 Resp: 145176
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.1 51.0 76.6





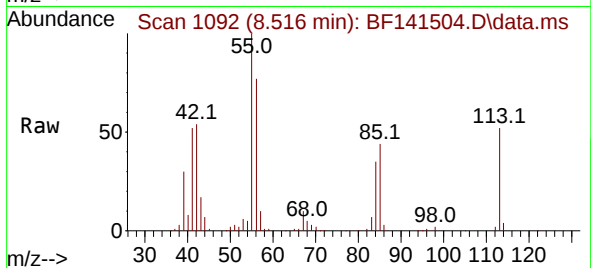
#35
Caprolactam
Concen: 50.731 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

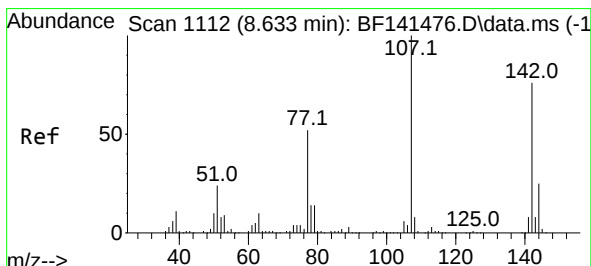
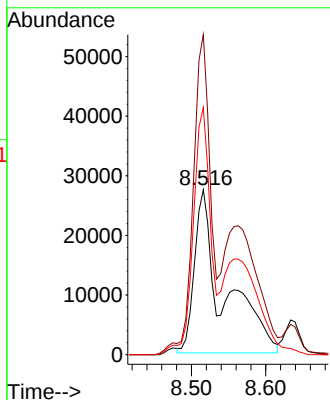
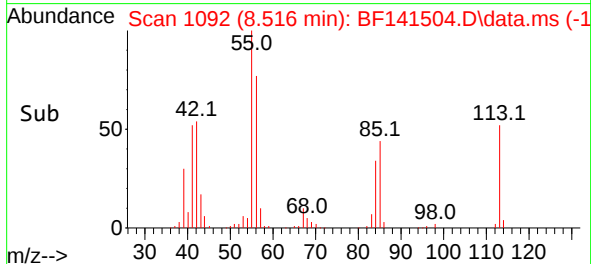


Tgt Ion:113 Resp: 7466
Ion Ratio Lower Upper
113 100
55 193.9 180.8 220.8
56 149.7 133.6 173.6

Manual Integrations
APPROVED

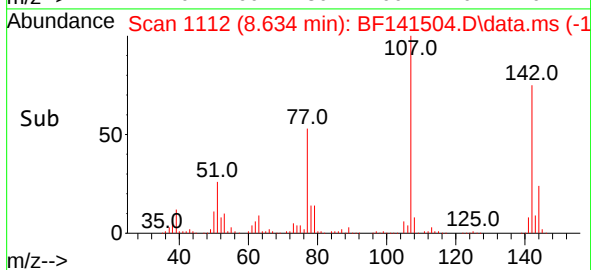
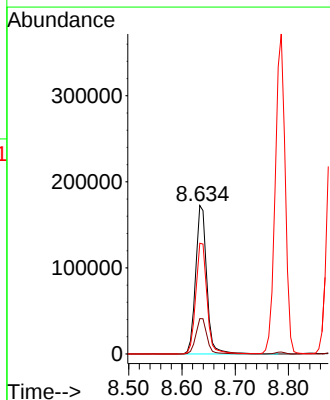
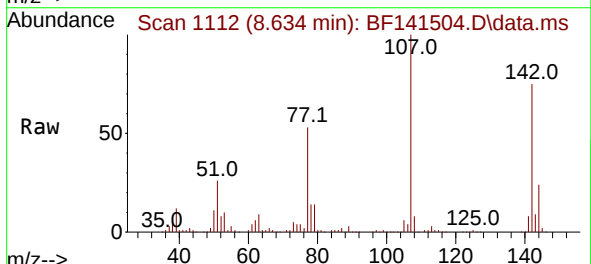
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

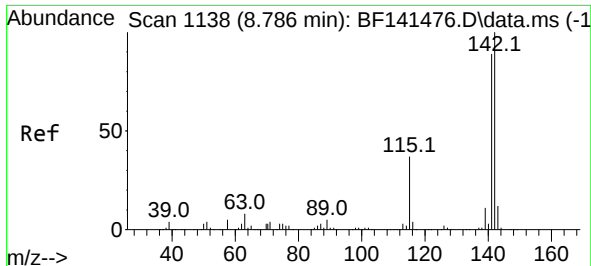
Supervised By :mohammad
ahmed
02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 46.927 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

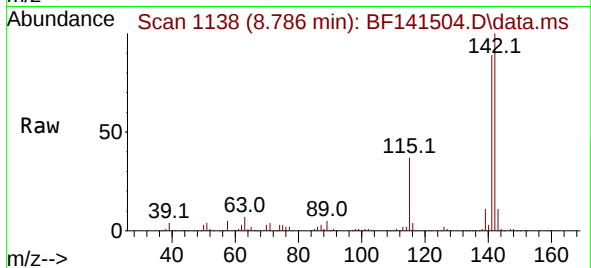
Tgt Ion:107 Resp: 251259
Ion Ratio Lower Upper
107 100
144 23.8 19.7 29.5
142 74.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 43.102 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

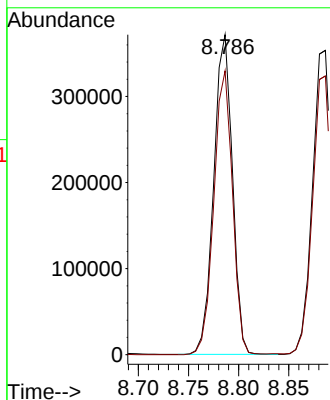
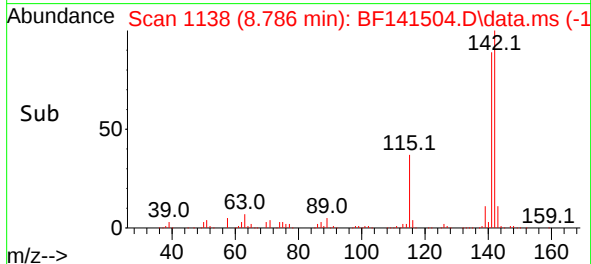
Instrument :
BNA_F
ClientSampleId :
PB166580BS



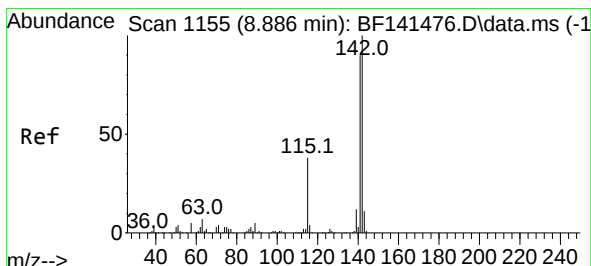
Tgt Ion:142 Resp: 48068
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8

Manual Integrations
APPROVED

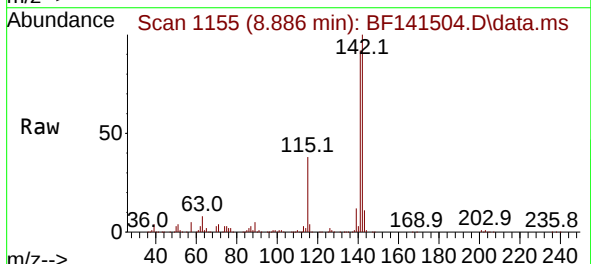
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025



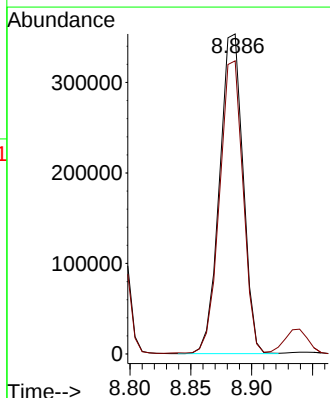
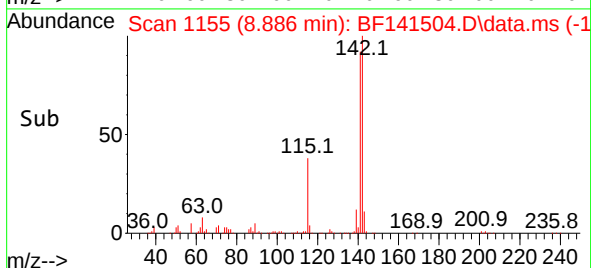
Supervised By :mohammad
ahmed
02/12/2025

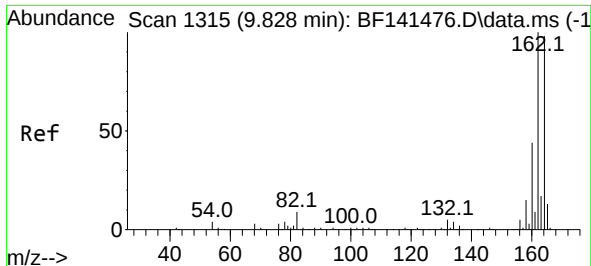


#38
1-Methylnaphthalene
Concen: 43.944 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:142 Resp: 474644
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





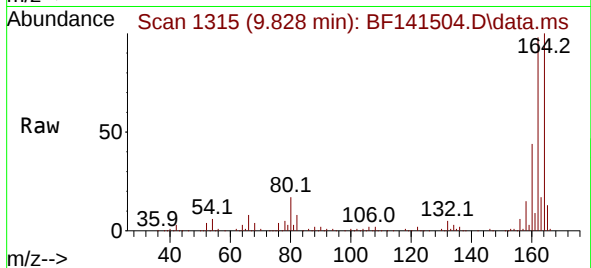
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



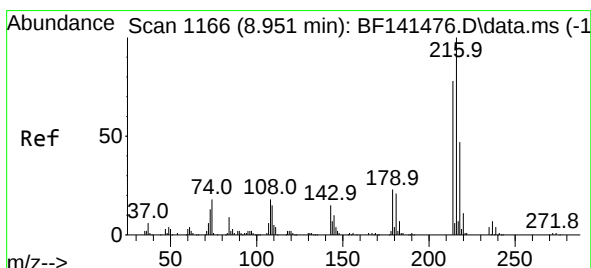
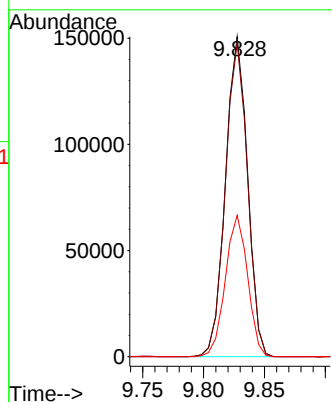
Tgt Ion:164 Resp: 190397
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 44.1 35.9 53.9

Manual Integrations

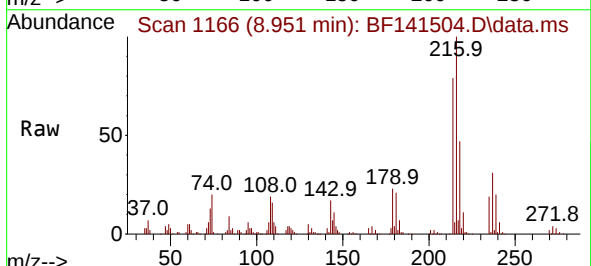
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

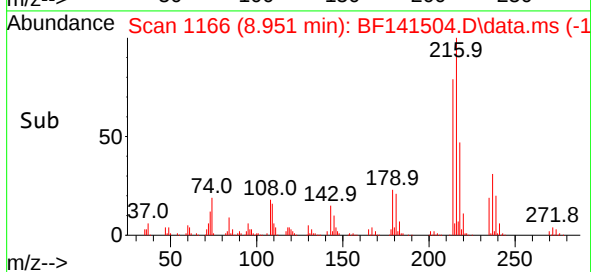
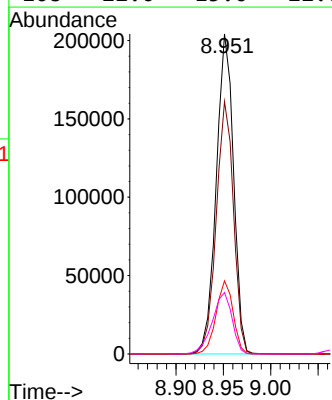
Supervised By :mohammad
ahmed
02/12/2025

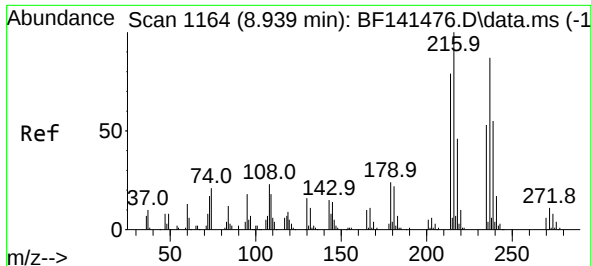


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.068 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:216 Resp: 259270
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 22.5 18.0 27.0
108 22.0 15.0 22.6





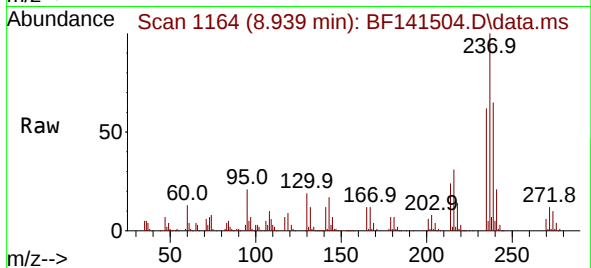
#41
Hexachlorocyclopentadiene
Concen: 159.633 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

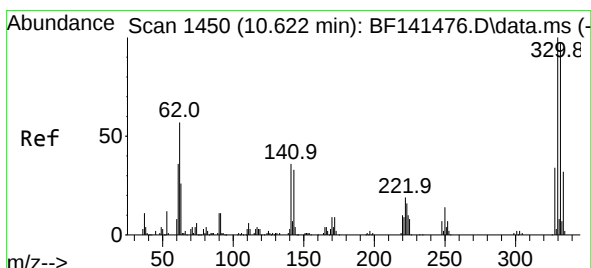
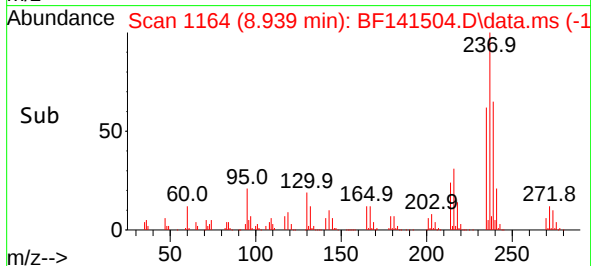
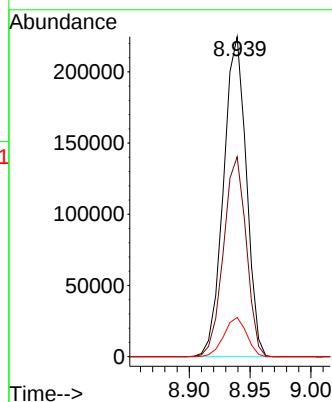


Tgt Ion:237 Resp: 292470
Ion Ratio Lower Upper
237 100
235 62.5 41.4 81.4
272 12.2 0.0 32.4

Manual Integrations
APPROVED

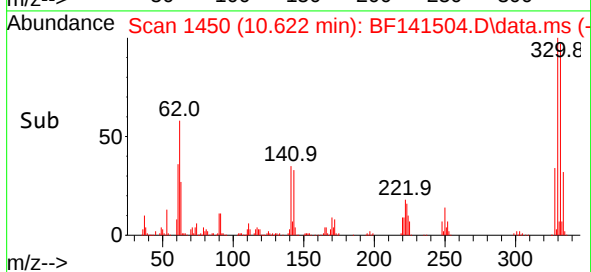
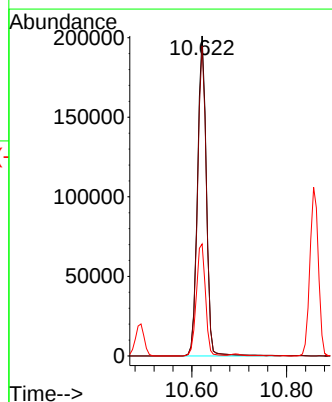
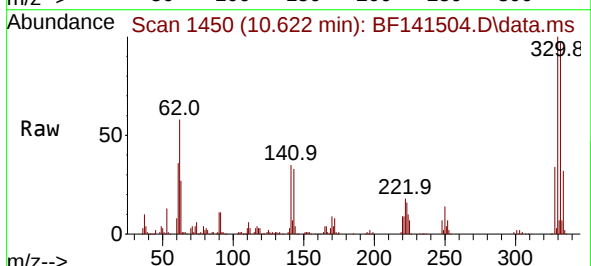
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#42
2,4,6-Tribromophenol
Concen: 136.332 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

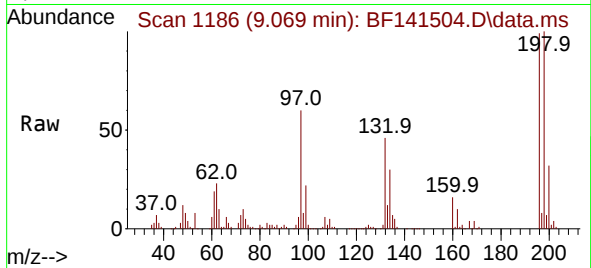
Tgt Ion:330 Resp: 260751
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 36.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.492 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

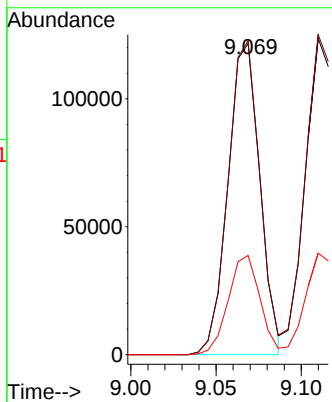
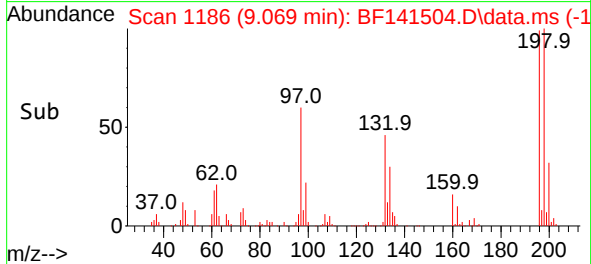
Instrument :
BNA_F
ClientSampleId :
PB166580BS



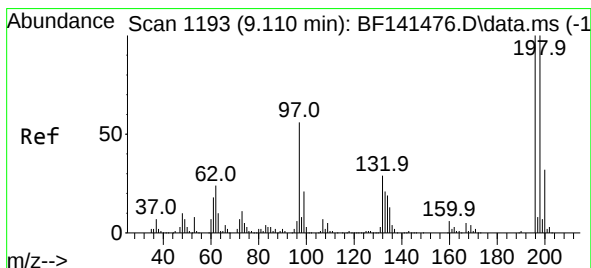
Tgt Ion:196 Resp: 158395
Ion Ratio Lower Upper
196 100
198 100.9 80.6 121.0
200 31.9 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

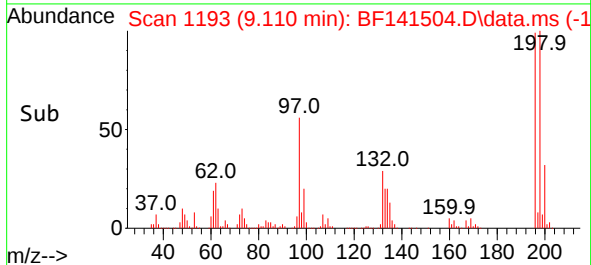
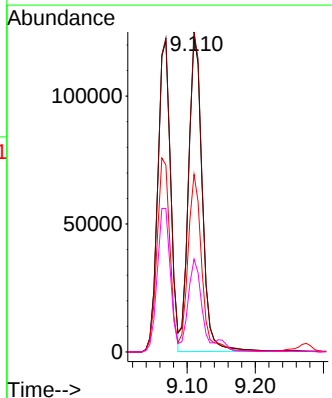
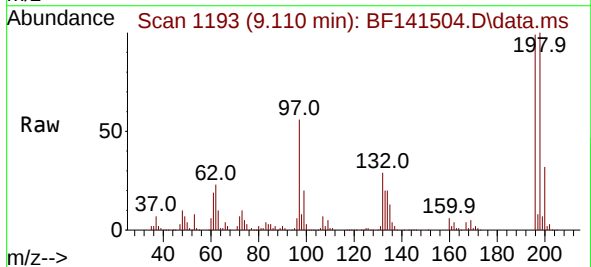


Supervised By :mohammad
ahmed
02/12/2025



#44
2,4,5-Trichlorophenol
Concen: 44.305 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:196 Resp: 170945
Ion Ratio Lower Upper
196 100
198 101.1 79.8 119.8
97 56.1 44.8 67.2
132 29.4 23.9 35.9





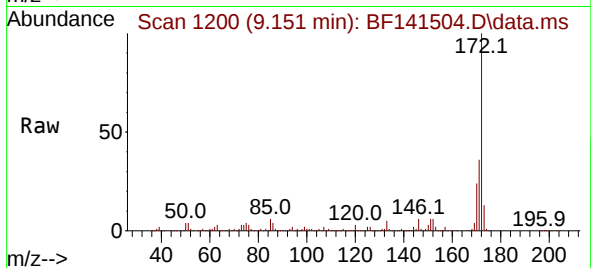
#45
2-Fluorobiphenyl
Concen: 91.027 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



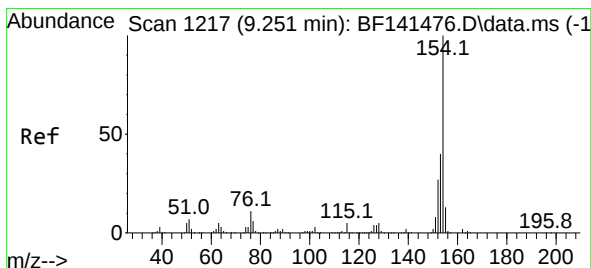
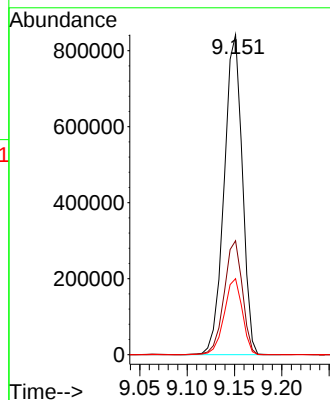
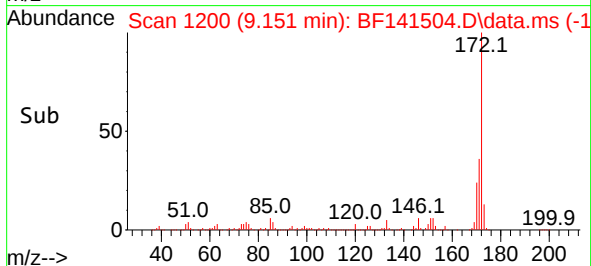
Tgt Ion:172 Resp: 112494
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.7 18.9 28.3

Manual Integrations

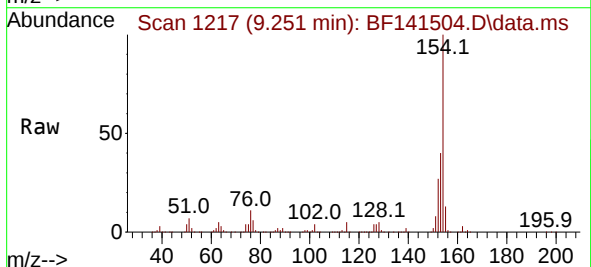
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

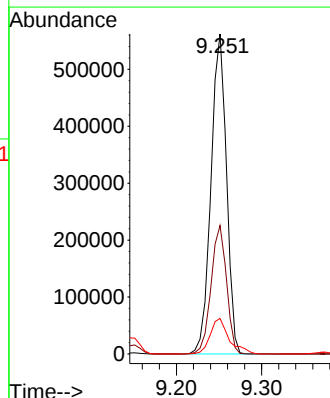
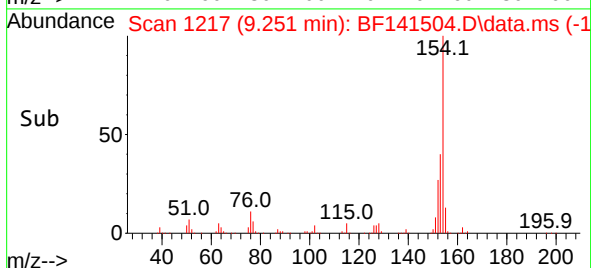
Supervised By :mohammad
ahmed
02/12/2025



#46
1,1'-Biphenyl
Concen: 48.053 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:154 Resp: 709316
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.1 0.0 30.8





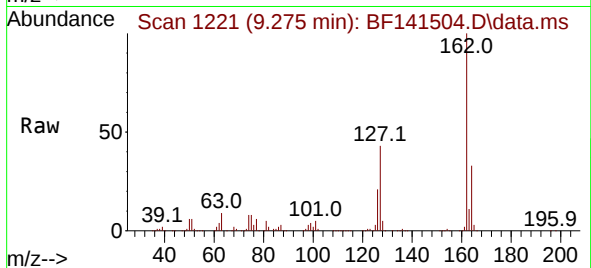
#47
2-Chloronaphthalene
Concen: 43.815 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

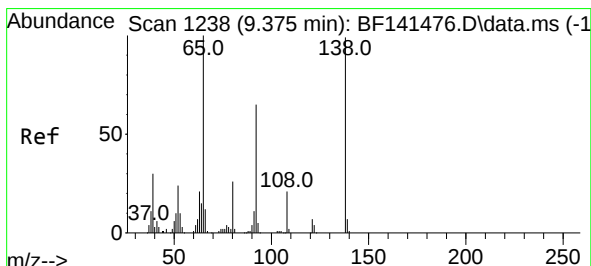
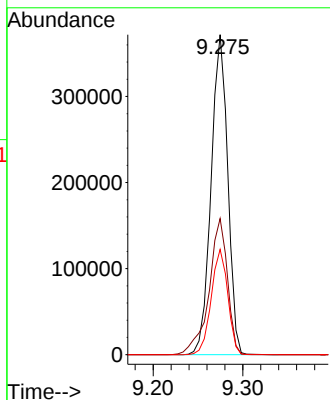
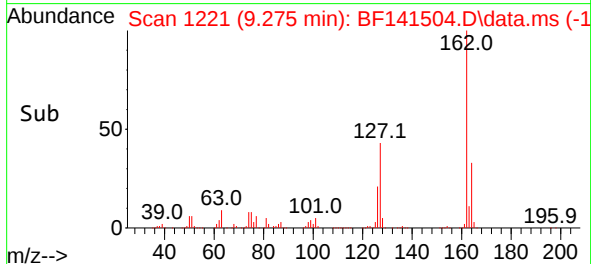


Tgt Ion:162 Resp: 478264
Ion Ratio Lower Upper
162 100
127 42.5 34.1 51.1
164 32.9 26.3 39.5

Manual Integrations
APPROVED

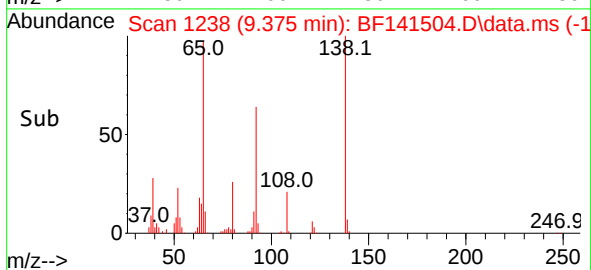
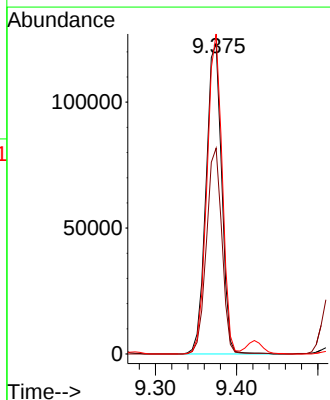
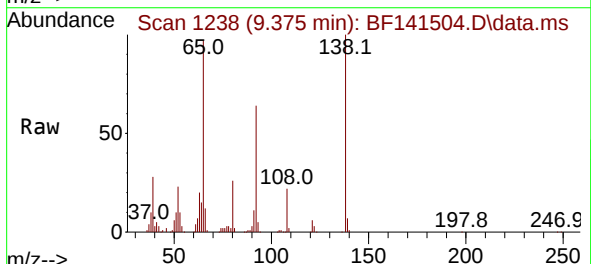
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#48
2-Nitroaniline
Concen: 44.866 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 65 Resp: 164356
Ion Ratio Lower Upper
65 100
92 66.3 52.2 78.2
138 103.1 79.5 119.3





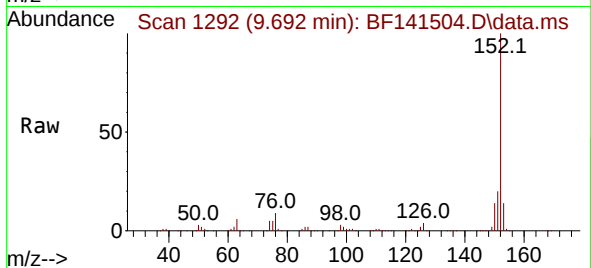
#49
Acenaphthylene
Concen: 46.189 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:152 Resp: 749902
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.8 10.9 16.3

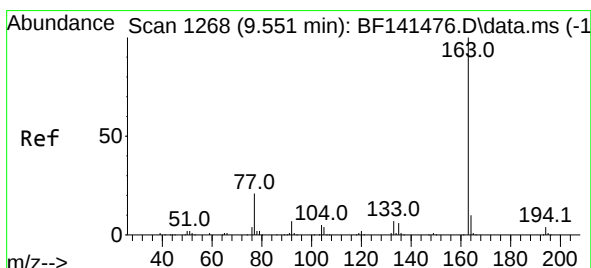
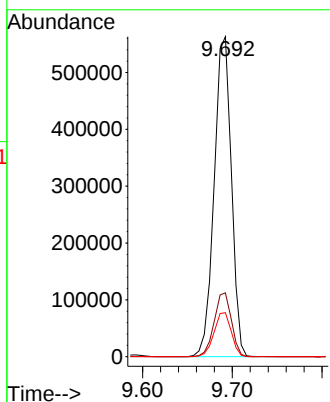
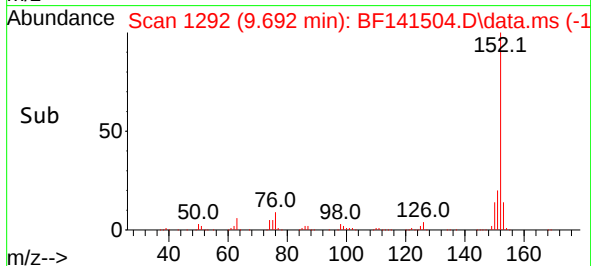
Manual Integrations

APPROVED

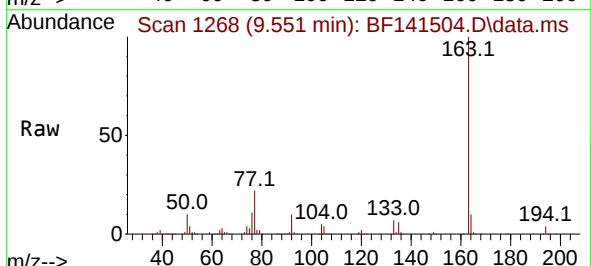
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

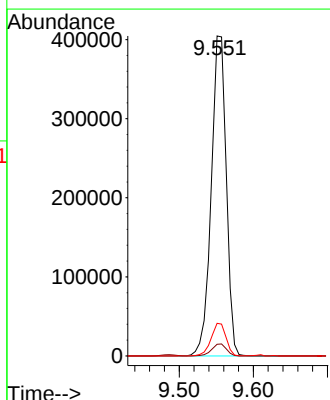
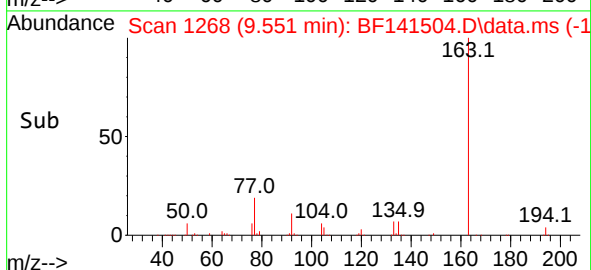
Supervised By :mohammad
ahmed
02/12/2025

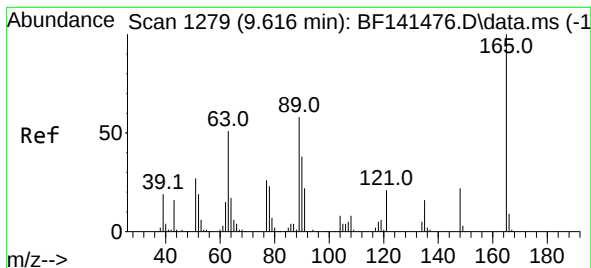


#50
Dimethylphthalate
Concen: 44.057 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



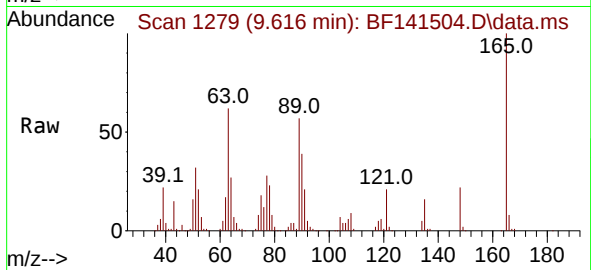
Tgt Ion:163 Resp: 569466
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.146 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

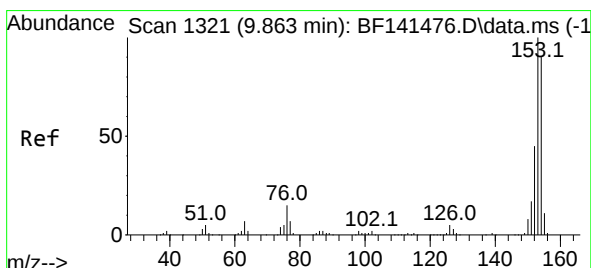
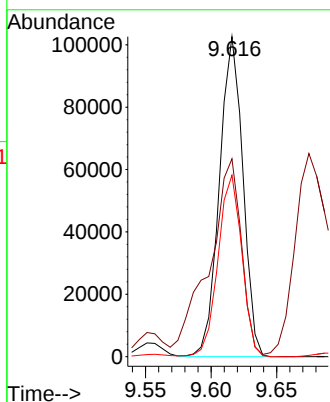
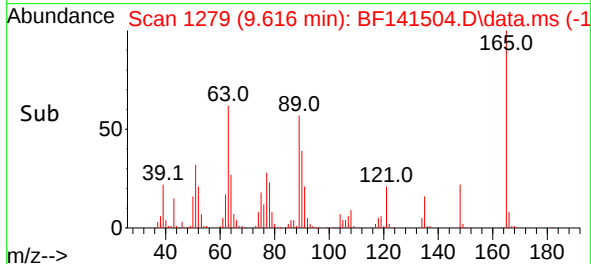


Tgt Ion:165 Resp: 12756
Ion Ratio Lower Upper
165 100
63 61.9 49.4 74.0
89 56.7 46.5 69.7

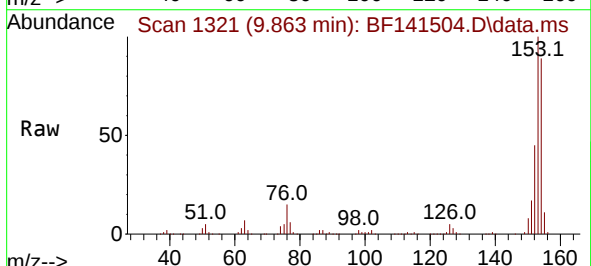
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

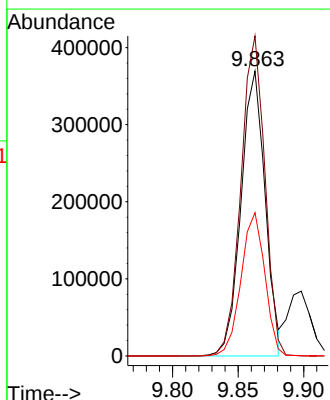
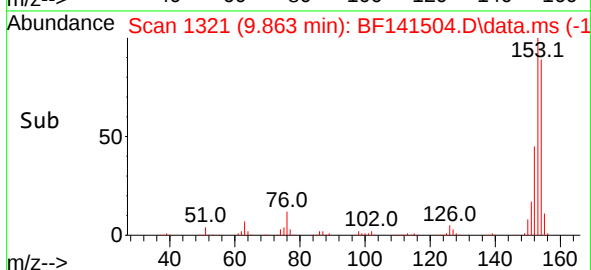
Supervised By :mohammad
ahmed
02/12/2025

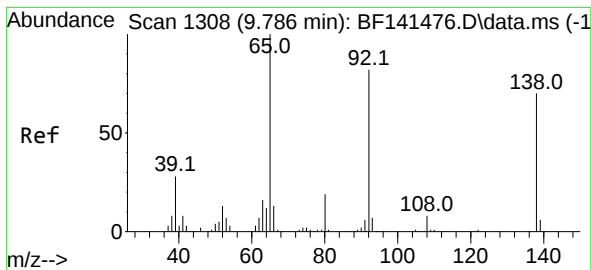


#52
Acenaphthene
Concen: 43.389 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:154 Resp: 473583
Ion Ratio Lower Upper
154 100
153 112.3 89.2 133.8
152 50.3 39.8 59.8





#53
3-Nitroaniline
Concen: 24.705 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

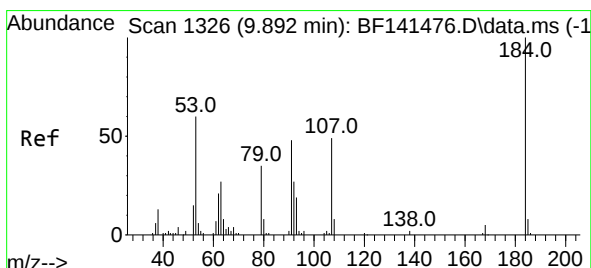
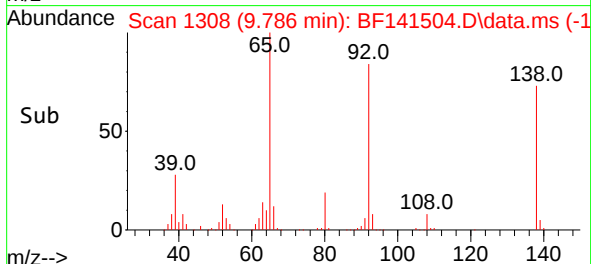
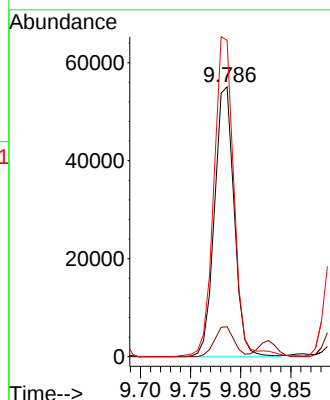
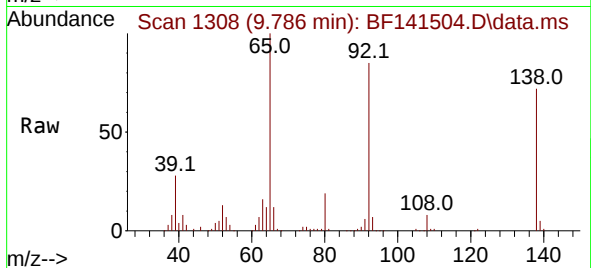
PB166580BS

Tgt Ion:138 Resp: 7513
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 117.2 93.7 140.5

Manual Integrations
APPROVED

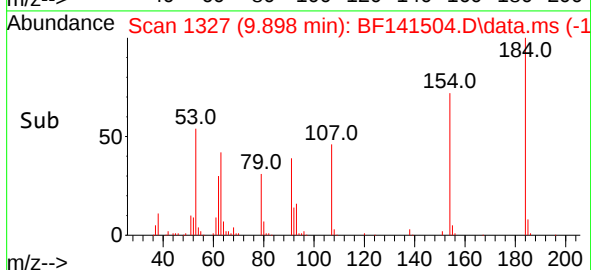
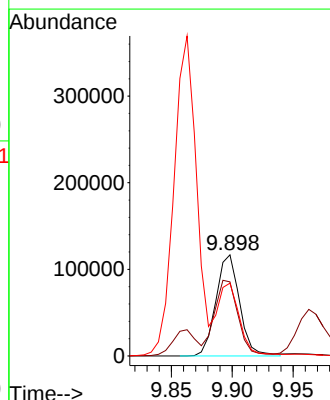
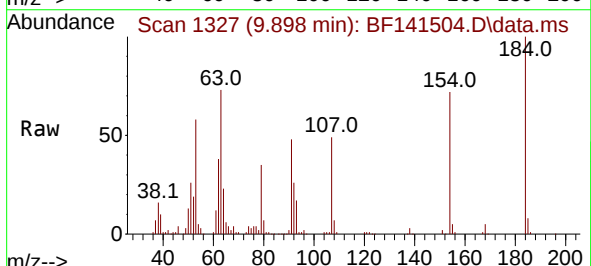
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

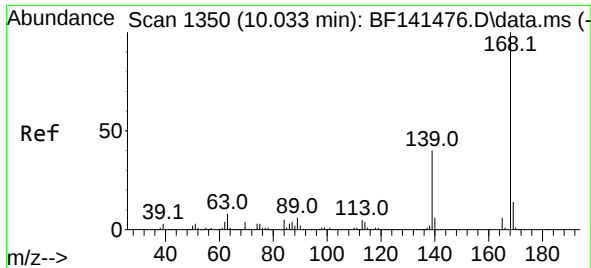
Supervised By :mohammad
ahmed
02/12/2025



#54
2,4-Dinitrophenol
Concen: 94.333 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

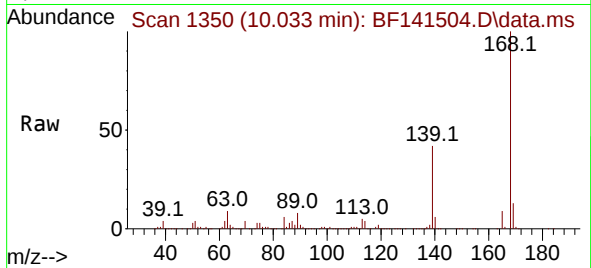
Tgt Ion:184 Resp: 158417
Ion Ratio Lower Upper
184 100
63 73.2 61.0 91.6
154 72.0 59.9 89.9





#55
Dibenzenofuran
Concen: 42.316 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

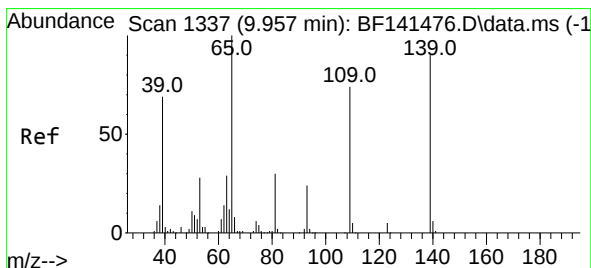
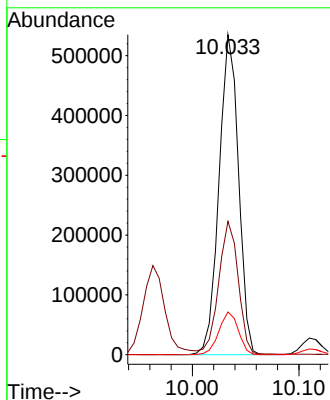


Tgt Ion:168 Resp: 677949
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 13.4 10.8 16.2

Manual Integrations
APPROVED

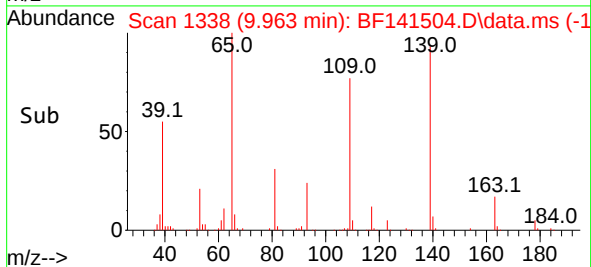
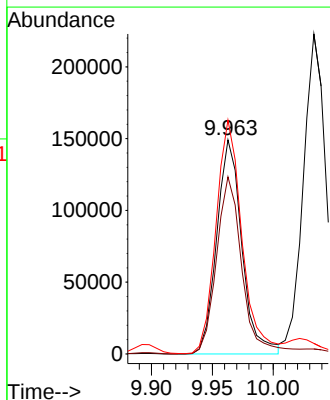
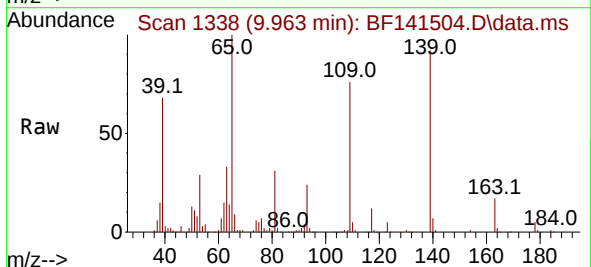
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#56
4-Nitrophenol
Concen: 95.199 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:139 Resp: 214921
Ion Ratio Lower Upper
139 100
109 82.7 62.0 102.0
65 109.3 91.2 131.2





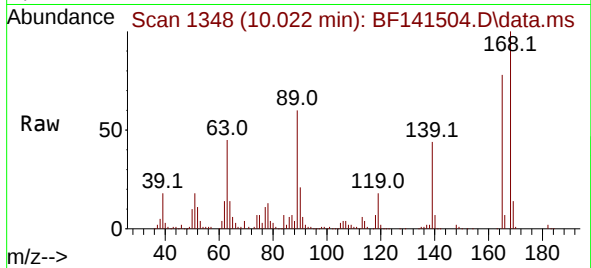
#57
2,4-Dinitrotoluene
Concen: 46.305 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:165 Resp: 174179
Ion Ratio Lower Upper
165 100
63 57.1 46.4 69.6
89 77.1 61.8 92.6
182 2.8 2.2 3.2

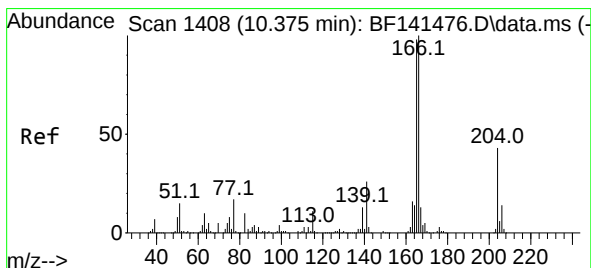
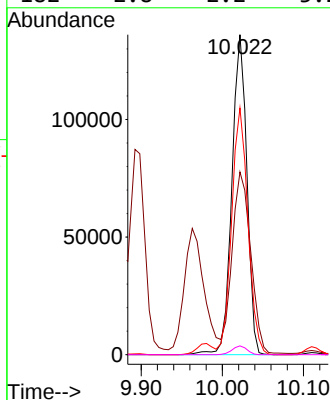
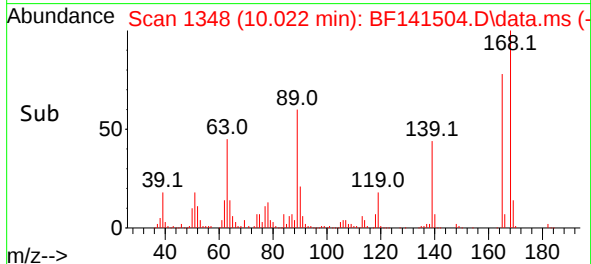
Manual Integrations

APPROVED

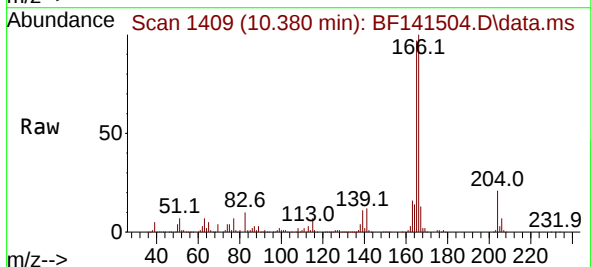
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

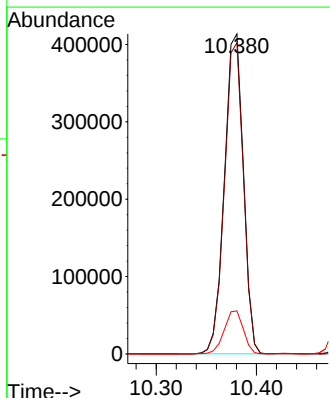
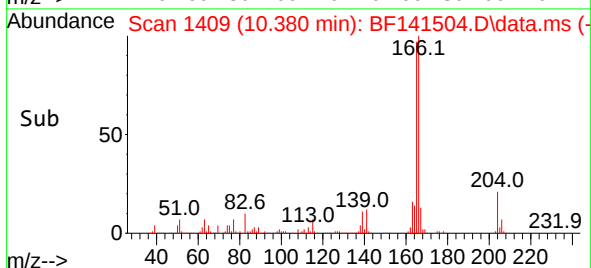
Supervised By :mohammad
ahmed
02/12/2025



#58
Fluorene
Concen: 43.953 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



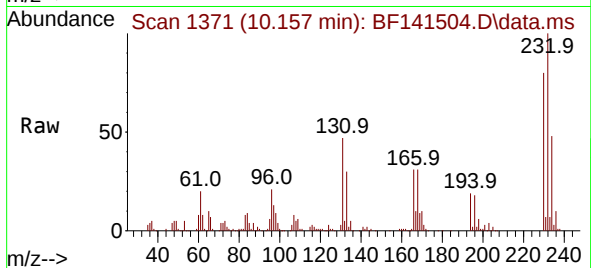
Tgt Ion:166 Resp: 544471
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.689 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

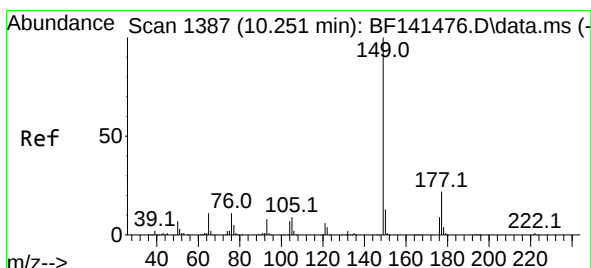
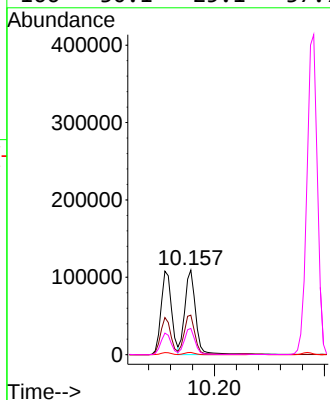
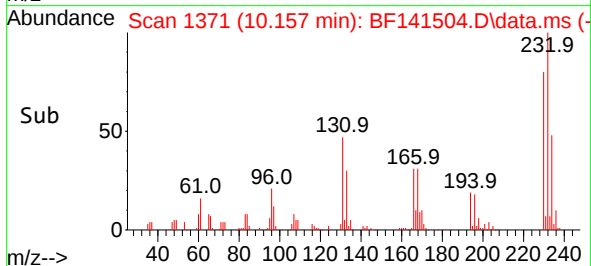


Tgt Ion:232 Resp: 148450
Ion Ratio Lower Upper
232 100
131 47.0 39.2 58.8
130 2.6 2.1 3.1
166 30.1 25.1 37.7

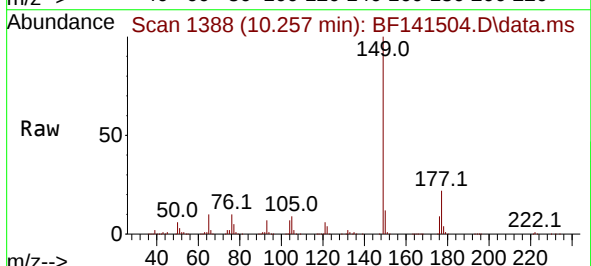
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

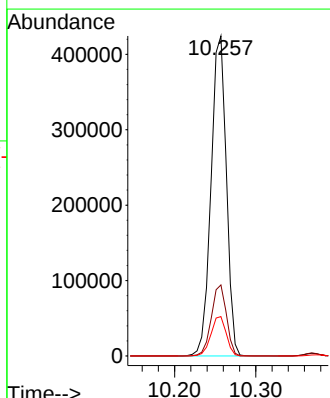
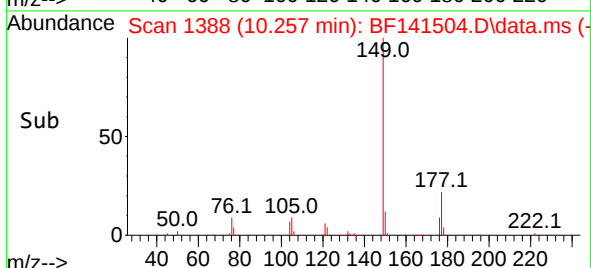
Supervised By :mohammad
ahmed
02/12/2025

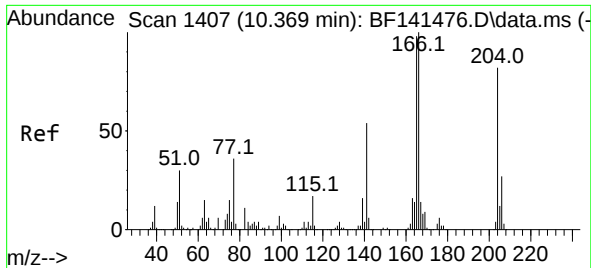


#60
Diethylphthalate
Concen: 43.712 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



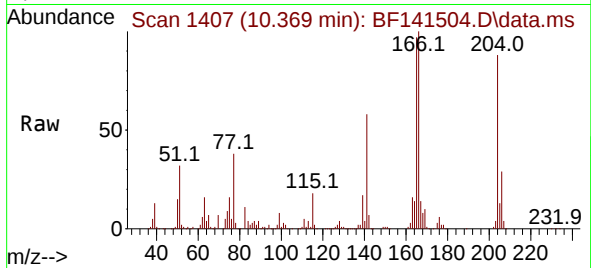
Tgt Ion:149 Resp: 555893
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.498 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

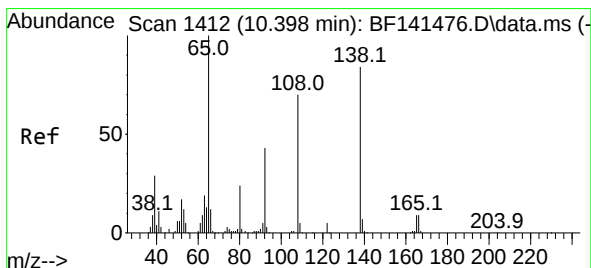
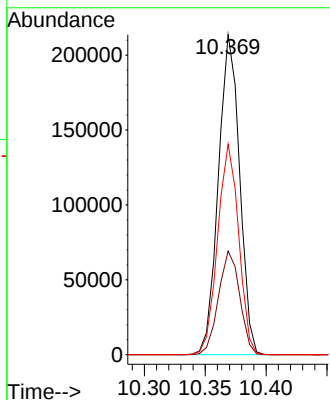


Tgt Ion:204 Resp: 25922
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.8 51.9 77.9

Manual Integrations
APPROVED

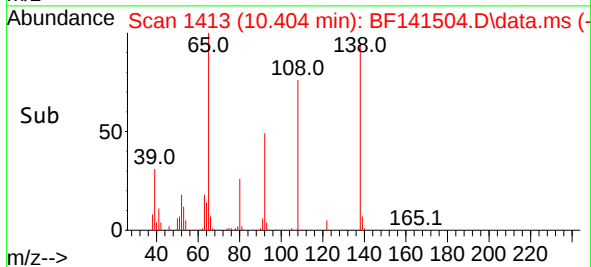
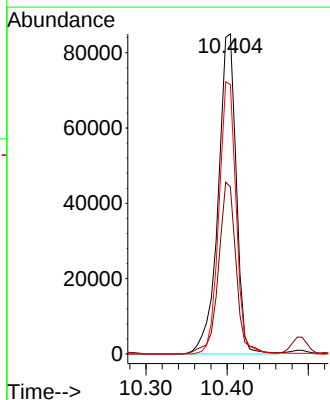
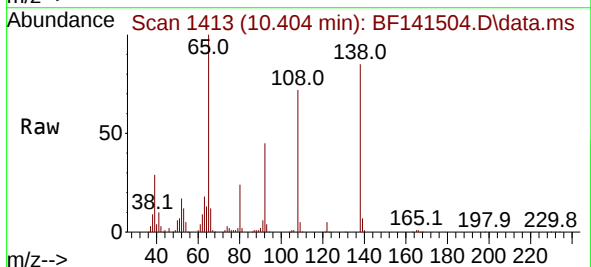
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

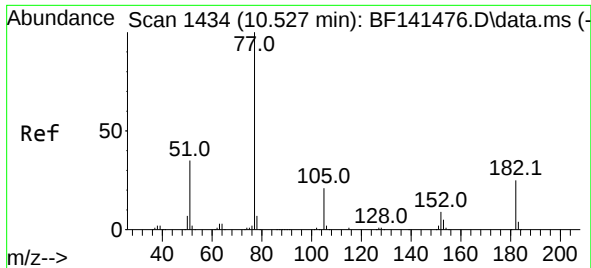
Supervised By :mohammad
ahmed
02/12/2025



#62
4-Nitroaniline
Concen: 42.652 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:138 Resp: 131713
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 84.2 63.7 103.7





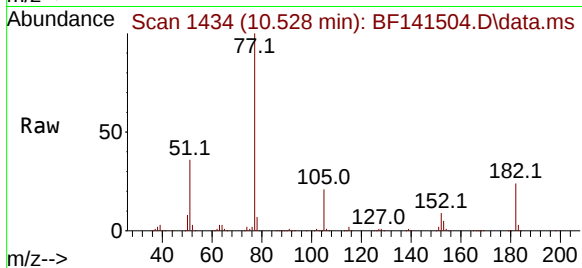
#63
Azobenzene
Concen: 42.737 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



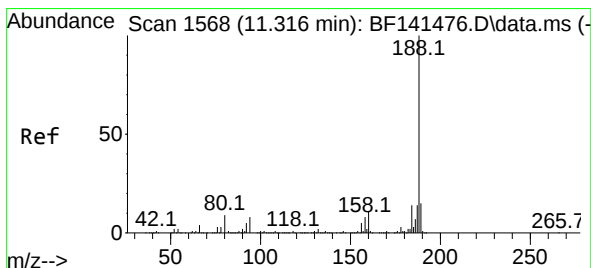
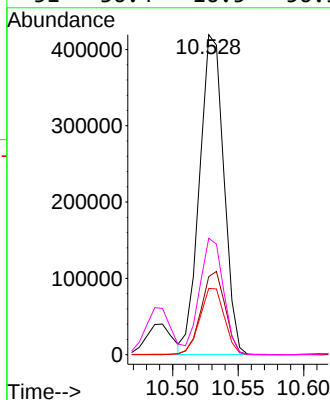
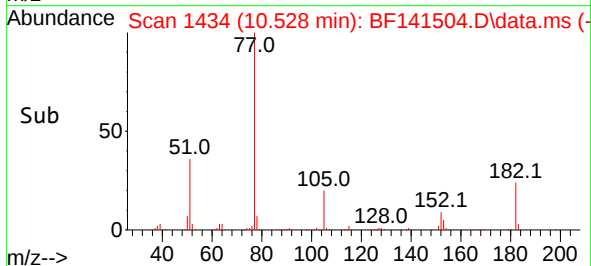
Tgt Ion: 77 Resp: 540310
Ion Ratio Lower Upper
77 100
182 24.4 4.7 44.7
105 20.7 0.4 40.4
51 36.4 16.5 56.5

Manual Integrations

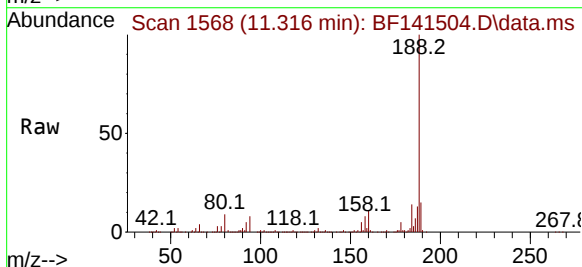
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

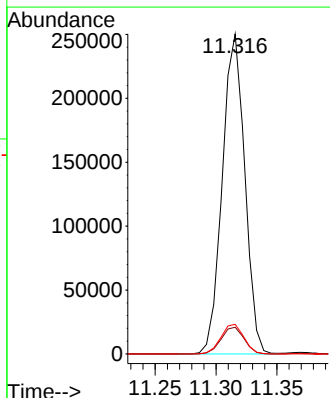
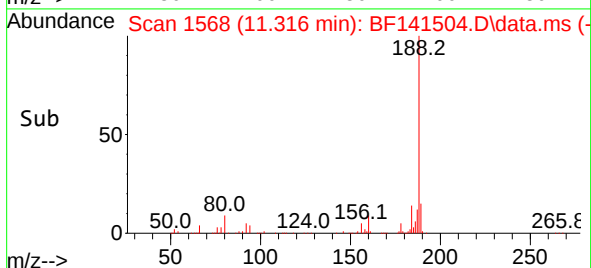
Supervised By :mohammad
ahmed
02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:188 Resp: 321760
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.560 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

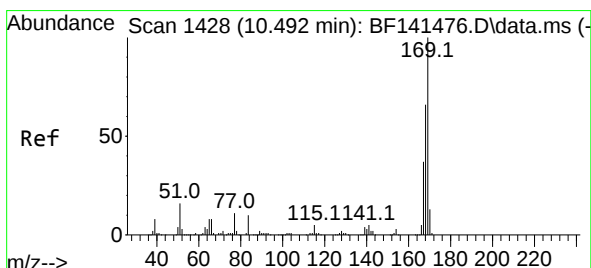
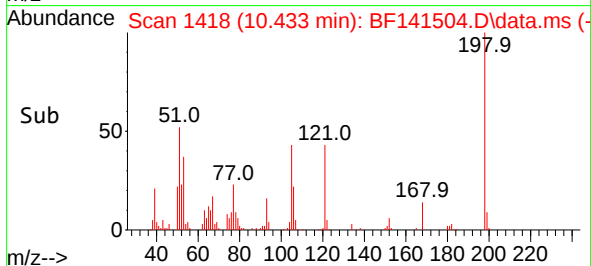
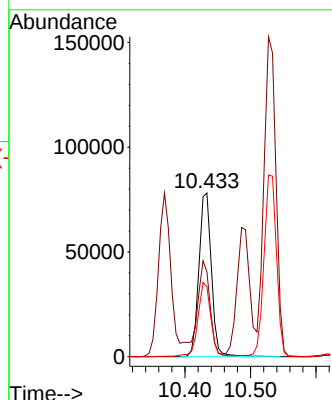
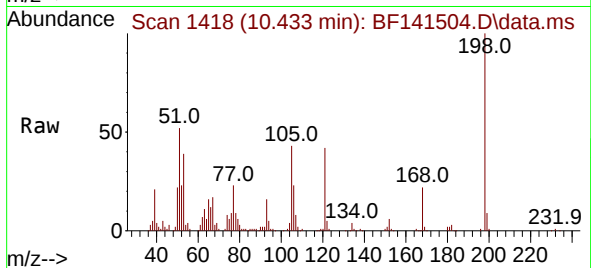
Instrument :
BNA_F
ClientSampleId :
PB166580BS

Tgt Ion:198 Resp: 104061
Ion Ratio Lower Upper
198 100
51 51.9 37.4 77.4
105 42.7 25.2 65.2

Manual Integrations
APPROVED

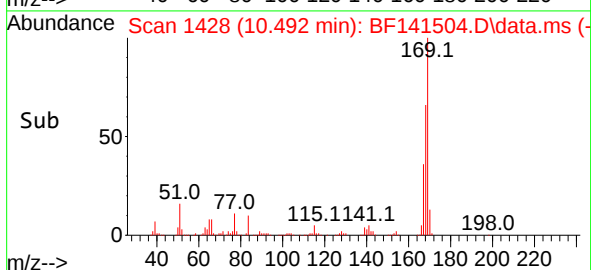
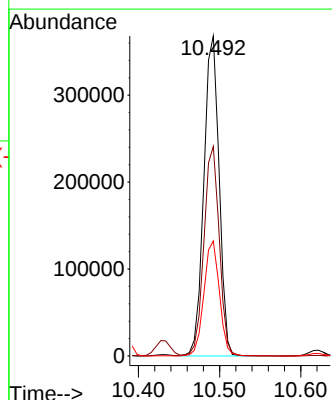
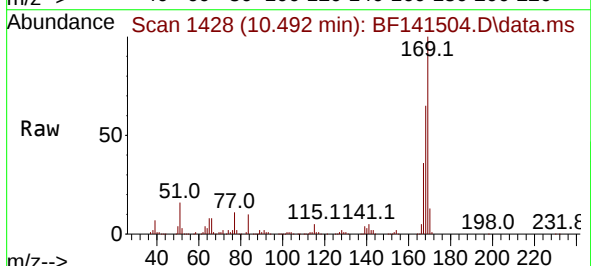
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

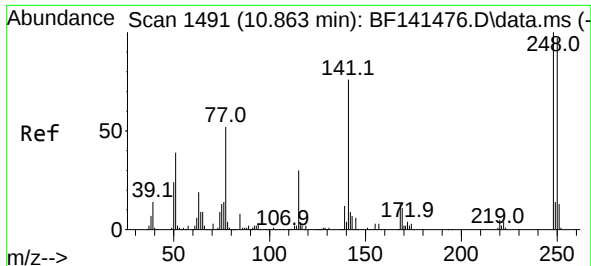
Supervised By :mohammad
ahmed
02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 46.545 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

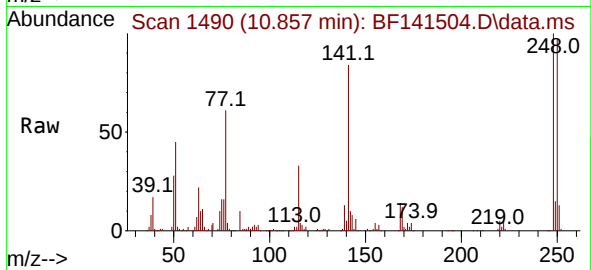
Tgt Ion:169 Resp: 479403
Ion Ratio Lower Upper
169 100
168 65.5 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.003 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

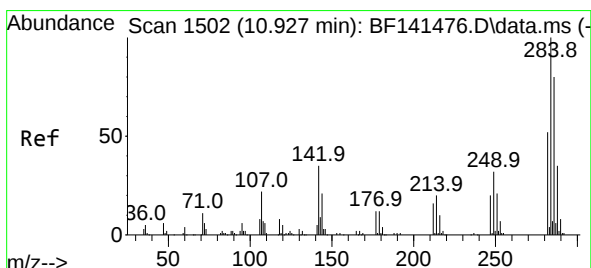
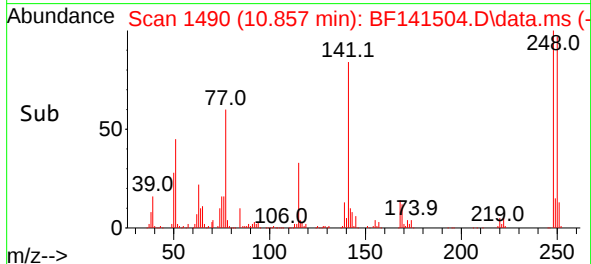
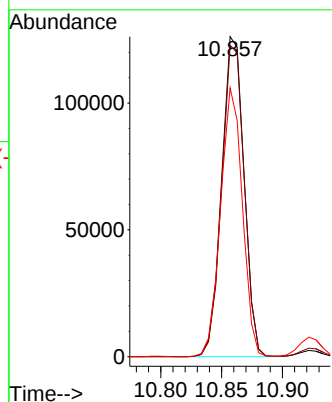


Tgt Ion:248 Resp: 161830
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 84.0 60.6 90.8

Manual Integrations
APPROVED

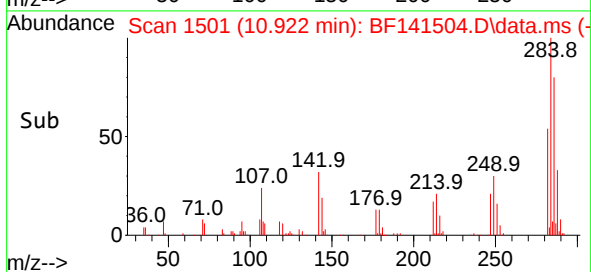
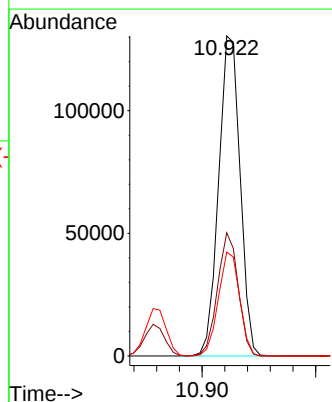
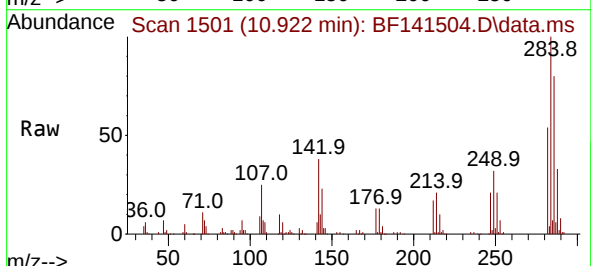
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#68
Hexachlorobenzene
Concen: 46.261 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:284 Resp: 171304
Ion Ratio Lower Upper
284 100
142 38.5 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 58.910 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

Tgt Ion:200 Resp: 18203

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 46.2 25.9 65.9

Manual Integrations

APPROVED

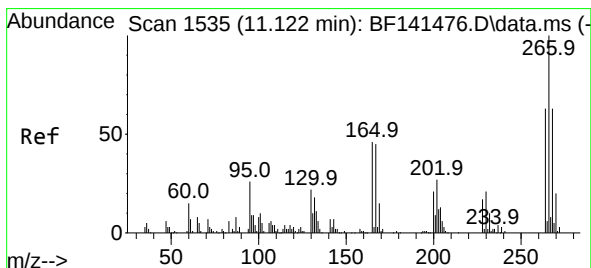
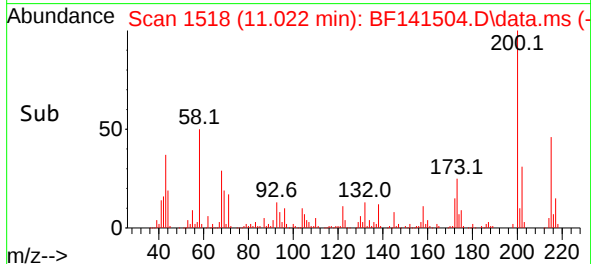
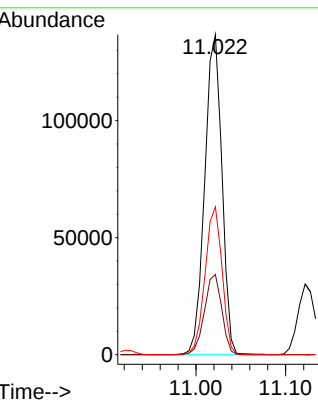
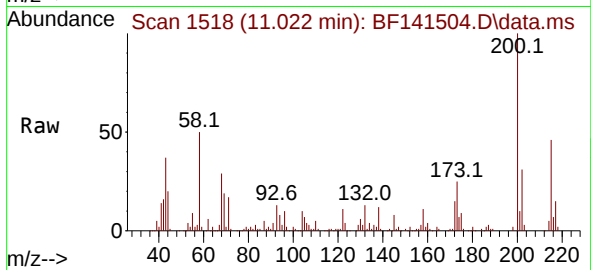
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad

ahmed

02/12/2025



#70

Pentachlorophenol

Concen: 91.791 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

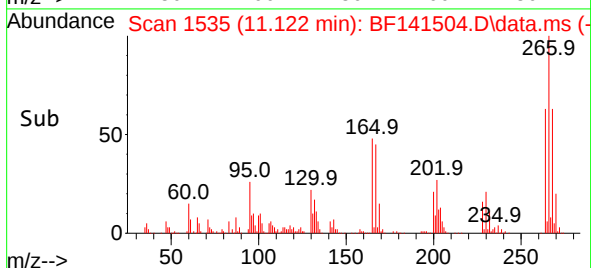
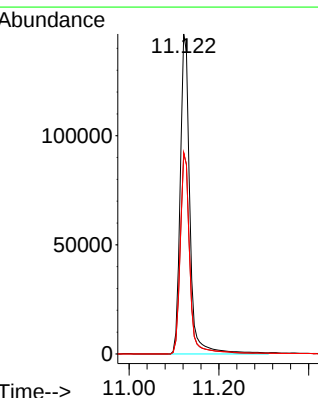
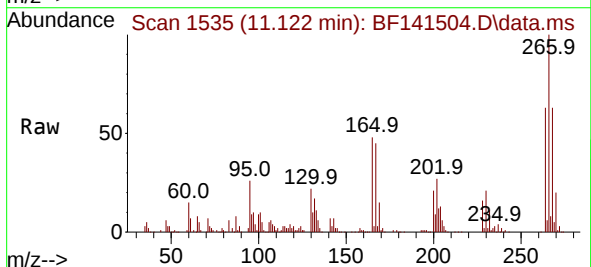
Tgt Ion:266 Resp: 217339

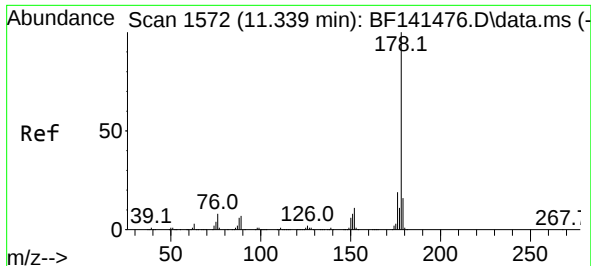
Ion Ratio Lower Upper

266 100

268 62.6 50.1 75.1

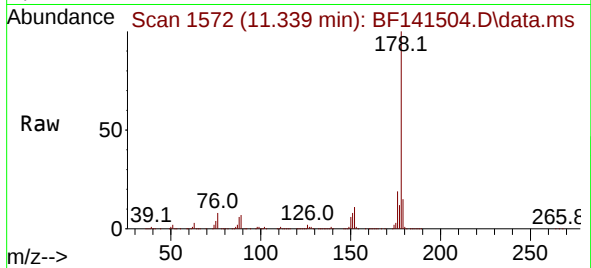
264 62.9 50.1 75.1





#71
Phenanthrene
Concen: 46.131 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

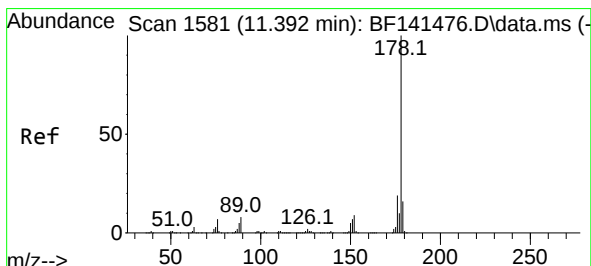
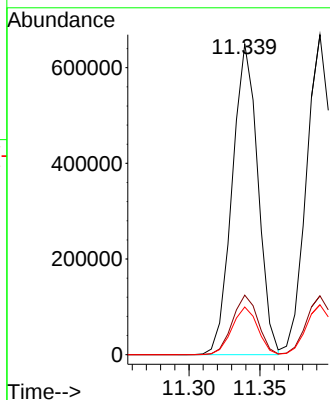
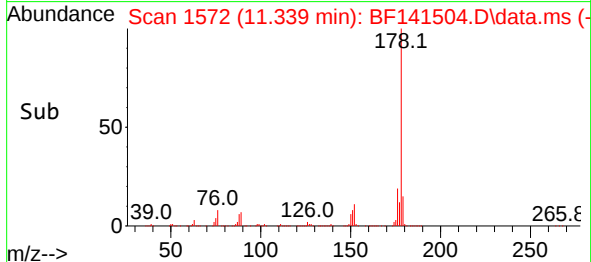


Tgt Ion:178 Resp: 817048
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

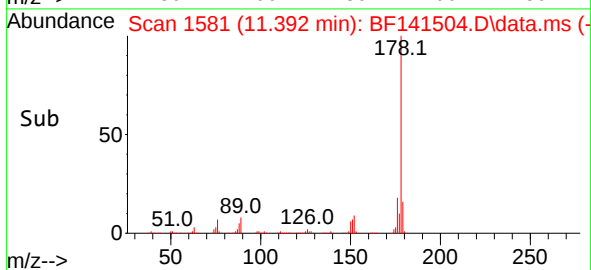
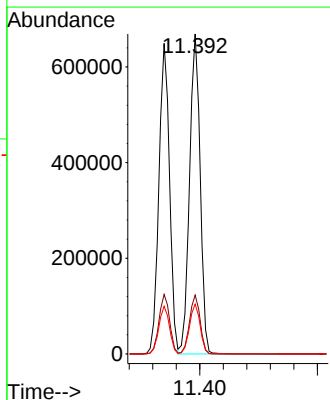
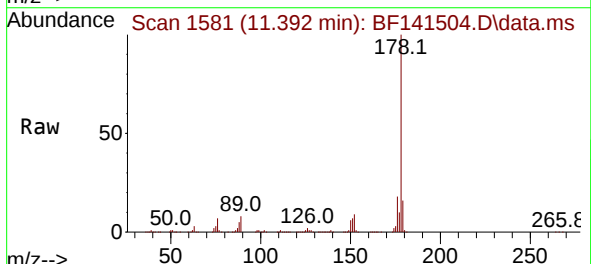
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

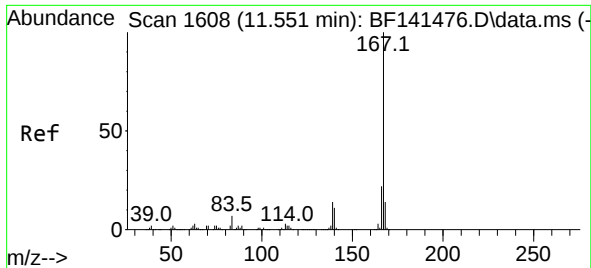
Supervised By :mohammad
ahmed
02/12/2025



#72
Anthracene
Concen: 47.235 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

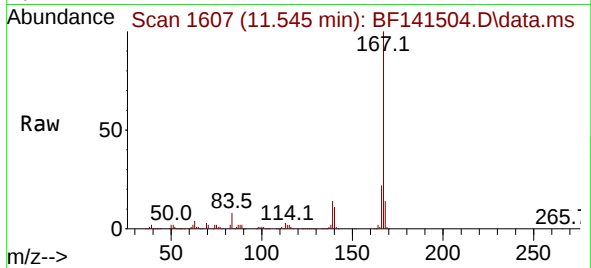
Tgt Ion:178 Resp: 840986
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.6 12.4 18.6





#73
Carbazole
Concen: 46.190 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

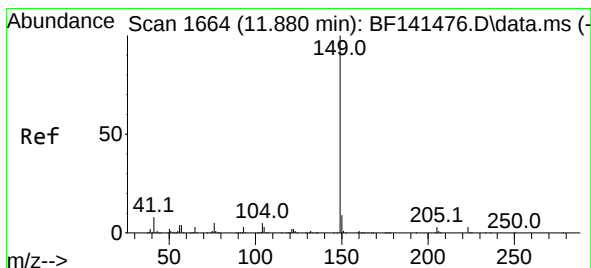
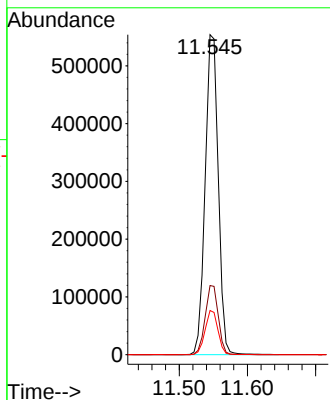
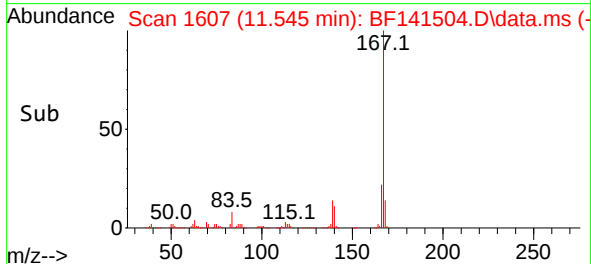


Tgt Ion:167 Resp: 739972
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.8 10.9 16.3

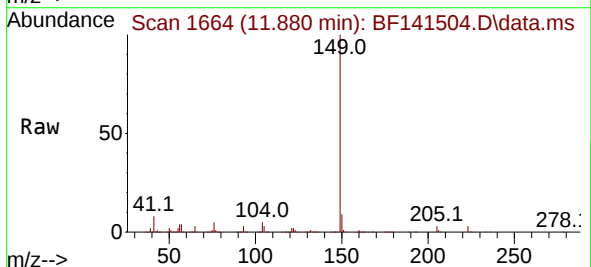
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

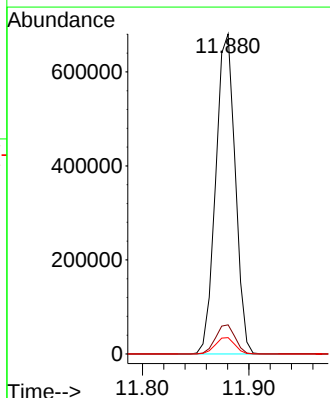
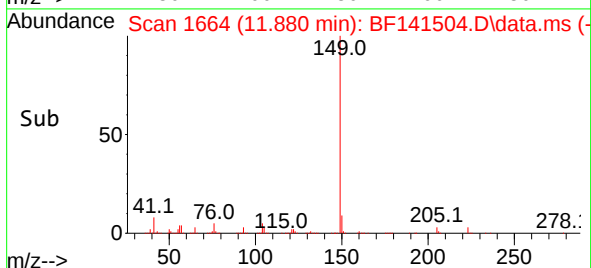
Supervised By :mohammad
ahmed
02/12/2025

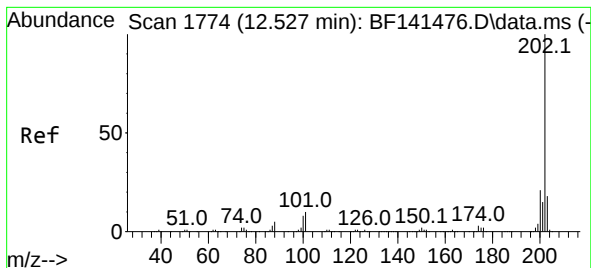


#74
Di-n-butylphthalate
Concen: 46.613 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:149 Resp: 862249
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 46.135 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141504.D

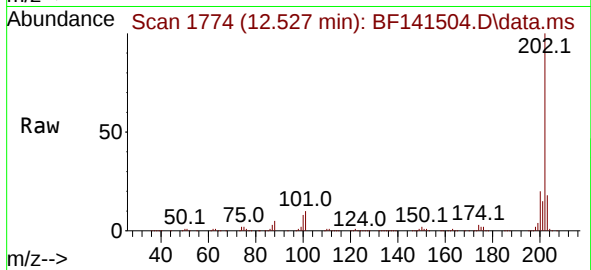
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:202 Resp: 86629

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

203 17.7 0.0 37.6

Manual Integrations

APPROVED

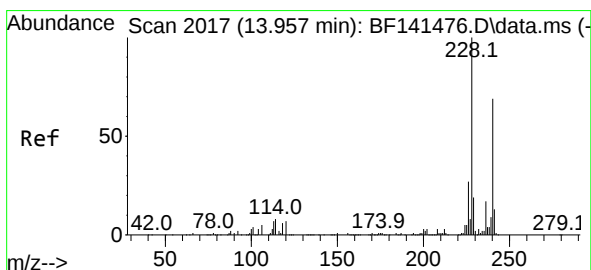
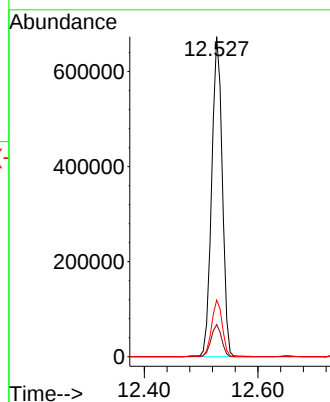
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

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: BF141504.D

Acq: 07 Feb 2025 13:25

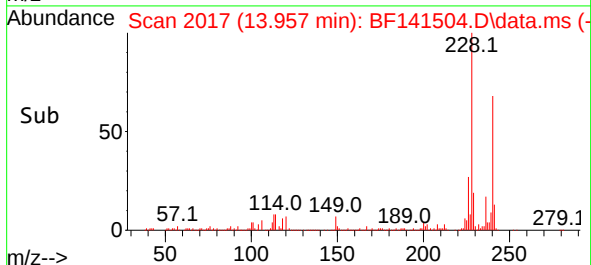
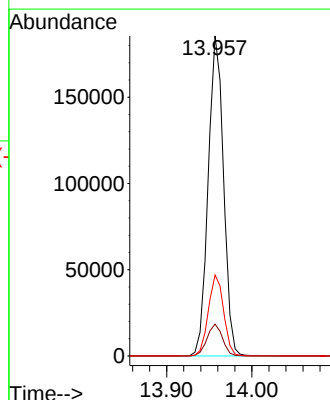
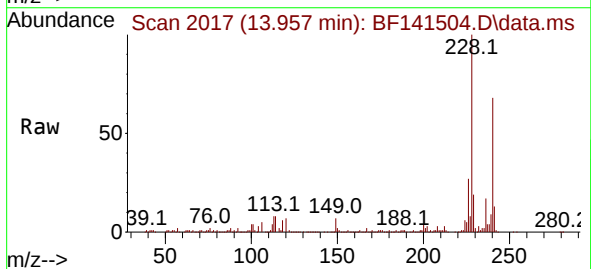
Tgt Ion:240 Resp: 232619

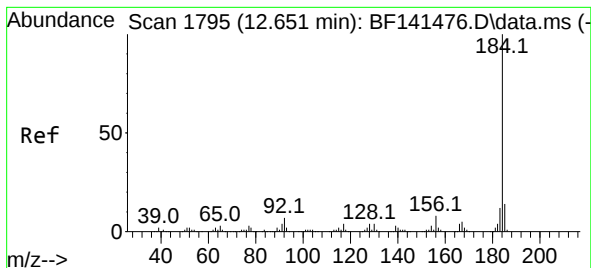
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

236 25.3 19.8 29.8





#77

Benzidine

Concen: 72.154 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141504.D

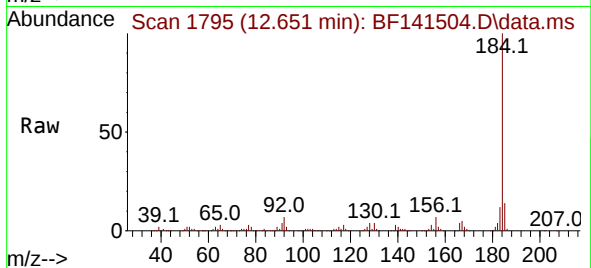
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:	184	Resp:	370170
Ion Ratio	100	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	12.2	9.3	13.9

Manual Integrations

APPROVED

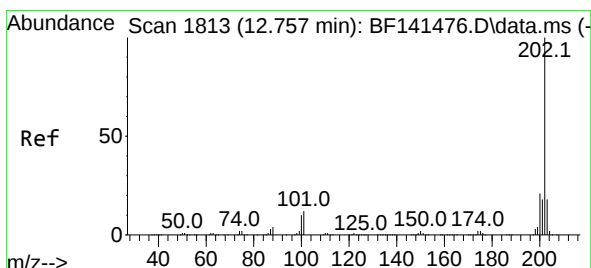
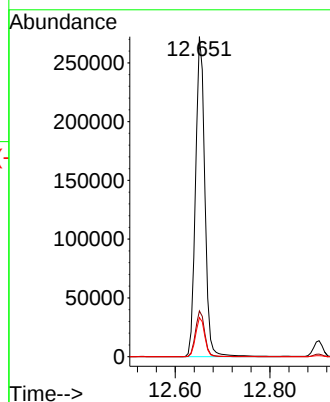
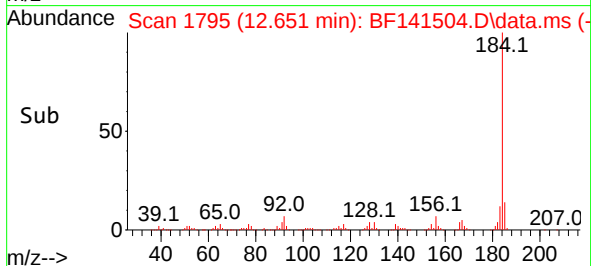
Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad

ahmed

02/12/2025



#78

Pyrene

Concen: 45.225 ng

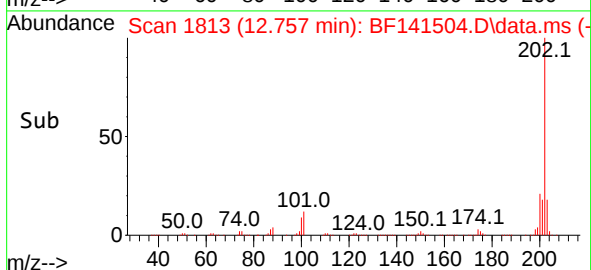
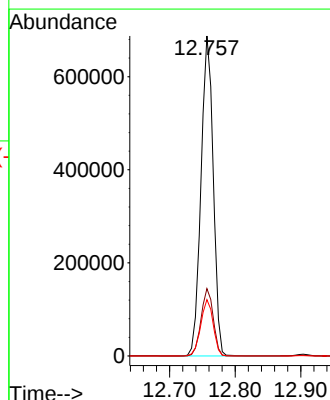
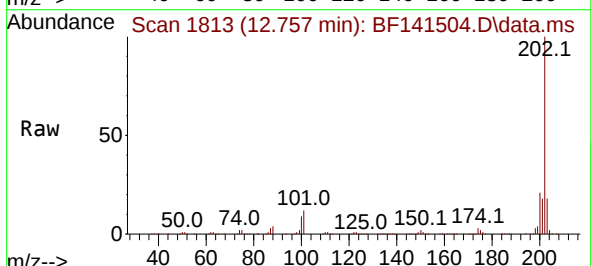
RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

Tgt Ion:	202	Resp:	895555
Ion Ratio	100	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.6	14.3	21.5





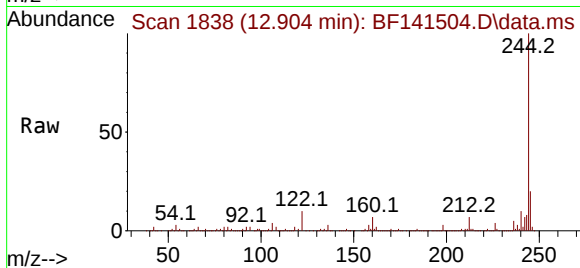
#79
 Terphenyl-d14
 Concen: 97.334 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141504.D
 Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



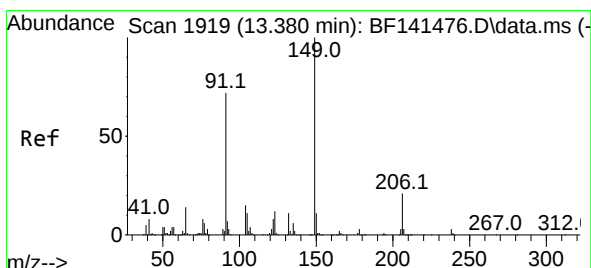
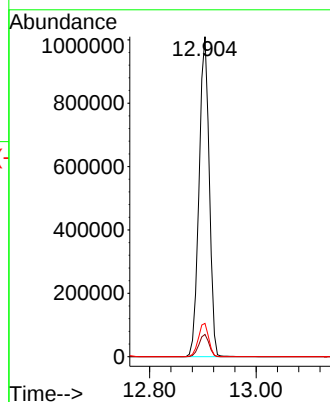
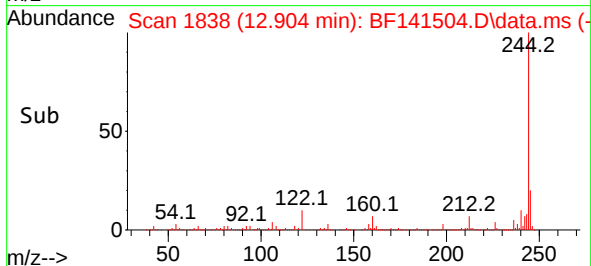
Tgt Ion:244 Resp: 1341199
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 8.4 12.6

Manual Integrations

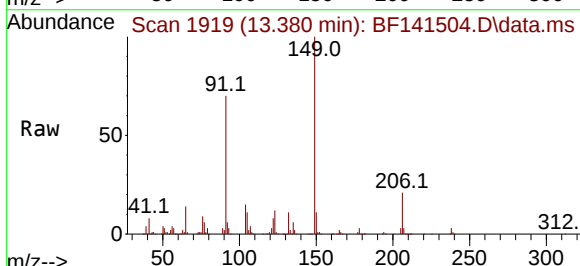
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

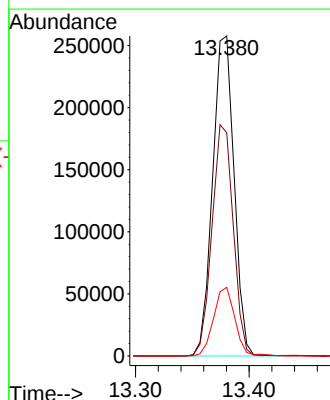
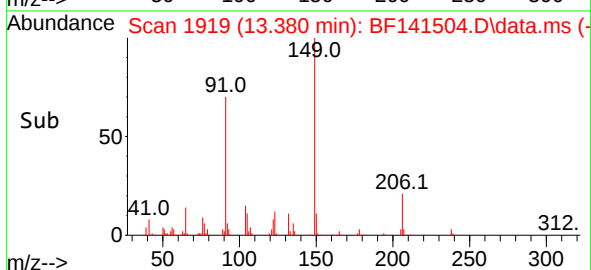
Supervised By :mohammad
 ahmed
 02/12/2025



#80
 Butylbenzylphthalate
 Concen: 49.377 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141504.D
 Acq: 07 Feb 2025 13:25



Tgt Ion:149 Resp: 338673
 Ion Ratio Lower Upper
 149 100
 91 69.7 57.8 86.8
 206 21.4 16.7 25.1





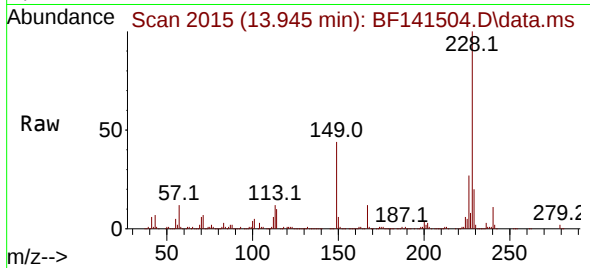
#81
Benzo(a)anthracene
Concen: 44.800 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

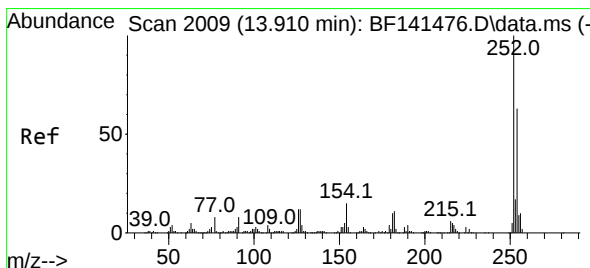
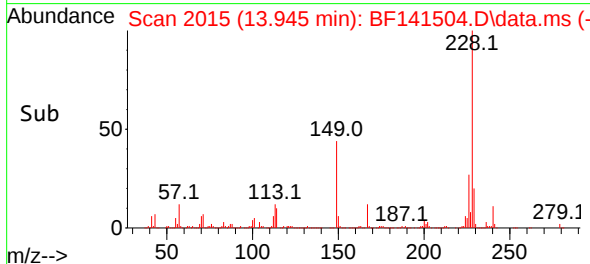
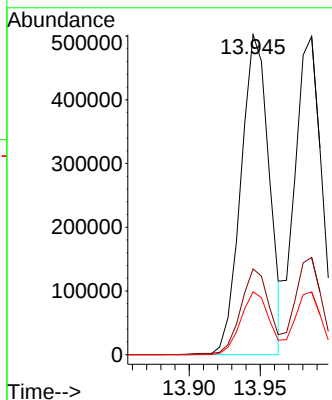


Tgt Ion:228 Resp: 692735
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

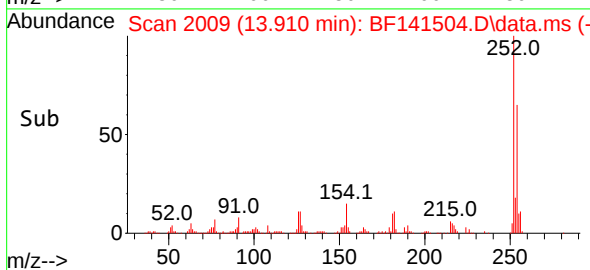
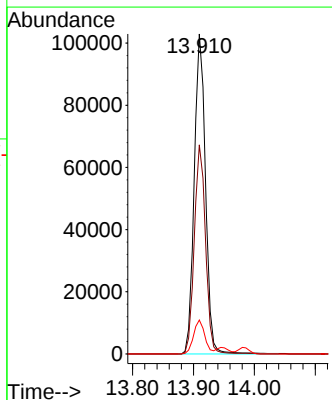
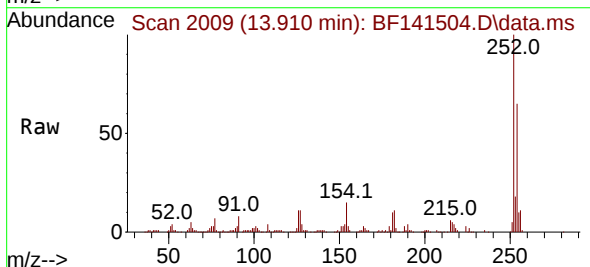
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

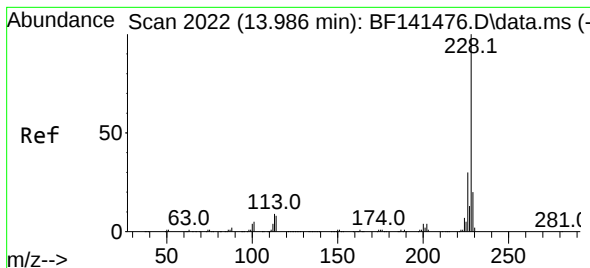
Supervised By :mohammad
ahmed
02/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.903 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:252 Resp: 132454
Ion Ratio Lower Upper
252 100
254 65.4 50.6 76.0
126 10.6 9.3 13.9





#83

Chrysene

Concen: 45.653 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141504.D

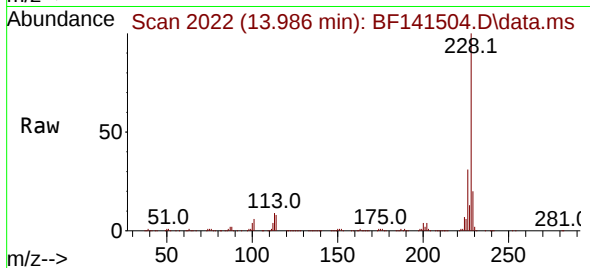
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



Tgt Ion:	228	Resp:	65181
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	19.7	15.7	23.5

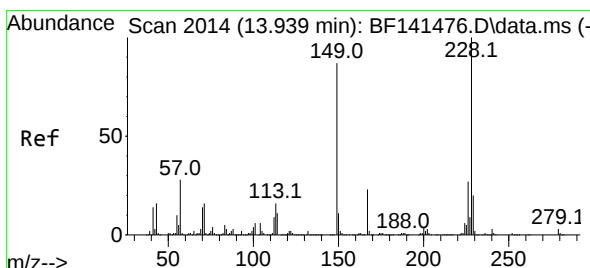
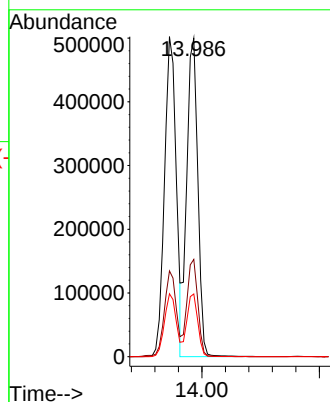
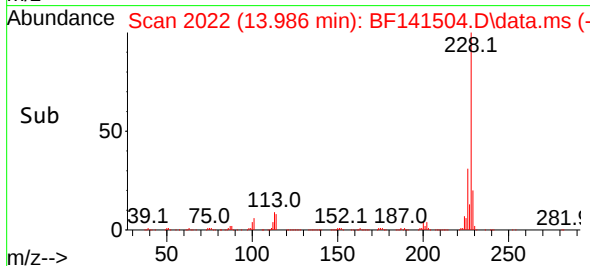
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/10/2025

Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.887 ng

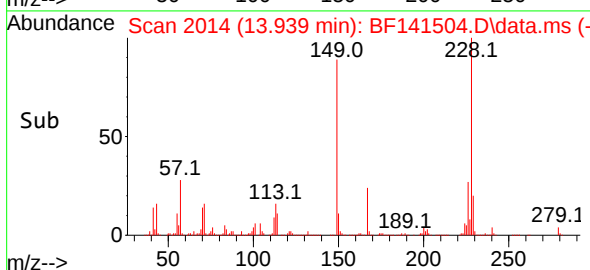
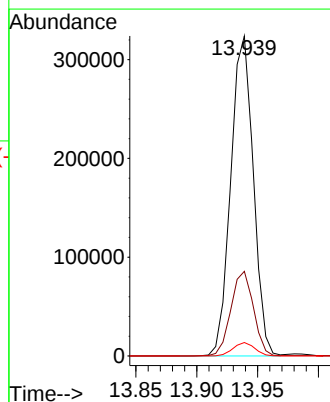
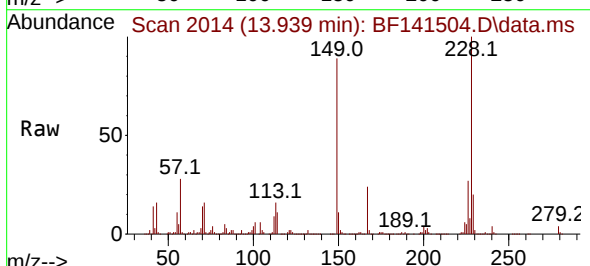
RT: 13.939 min Scan# 2014

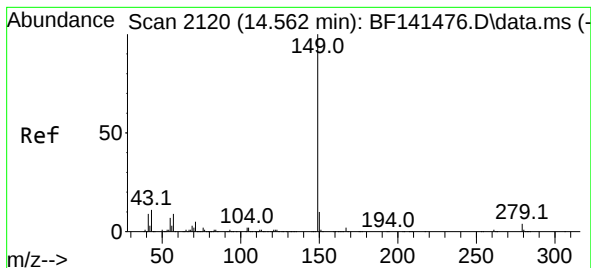
Delta R.T. 0.000 min

Lab File: BF141504.D

Acq: 07 Feb 2025 13:25

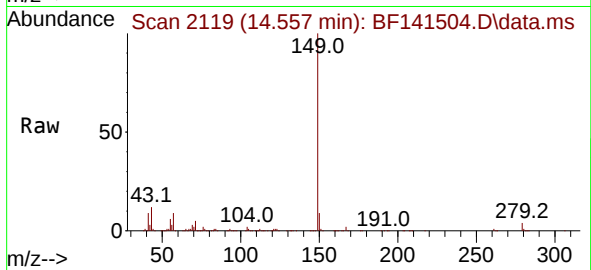
Tgt Ion:	149	Resp:	416857
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.4	32.0
279	4.2	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 52.169 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :
BNA_F
ClientSampleId :
PB166580BS

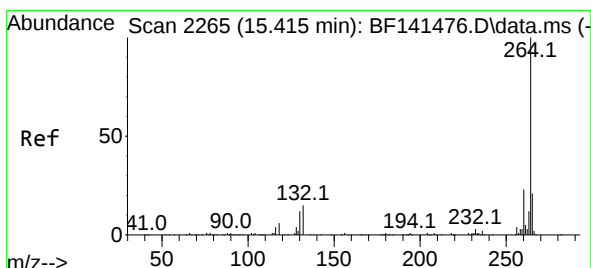
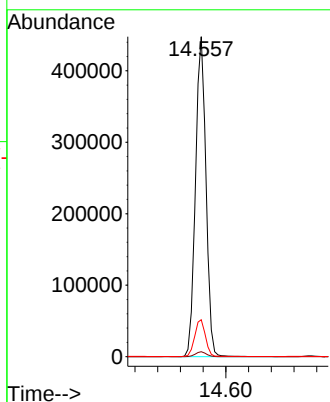
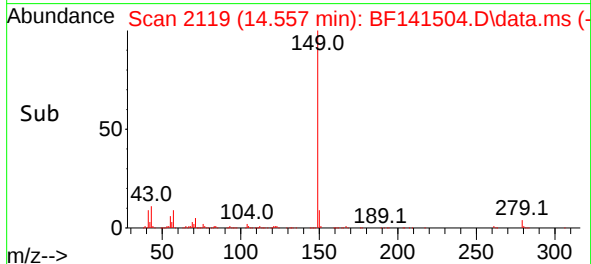


Tgt Ion:149 Resp: 575720
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3

Manual Integrations
APPROVED

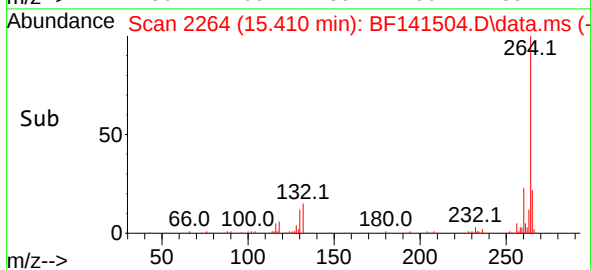
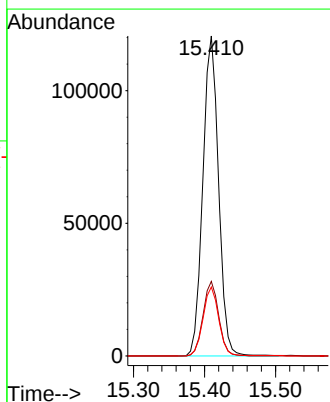
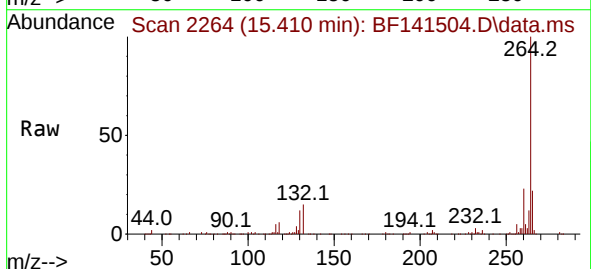
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

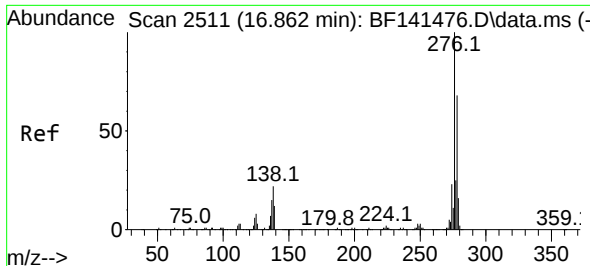
Supervised By :mohammad
ahmed
02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:264 Resp: 185585
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.5 17.0 25.4





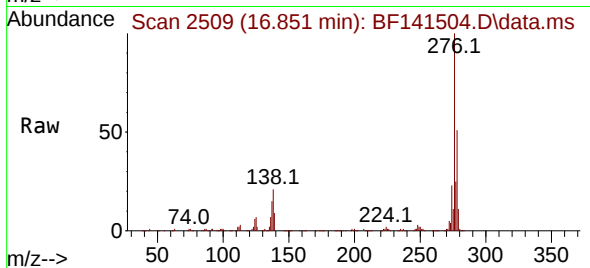
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.520 ng
RT: 16.851 min Scan# 2150
Delta R.T. -0.023 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS

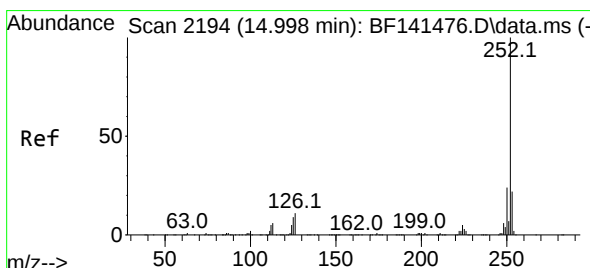
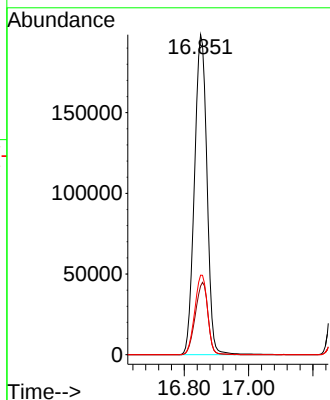
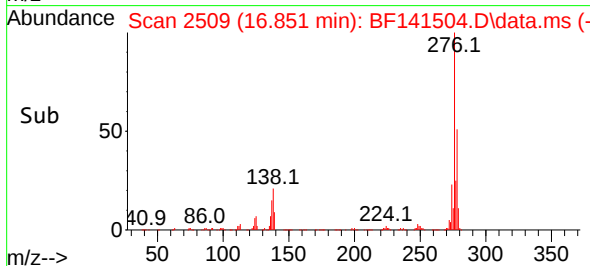


Tgt Ion:276 Resp: 53344
Ion Ratio Lower Upper
276 100
138 22.8 18.0 27.0
277 25.4 20.4 30.6

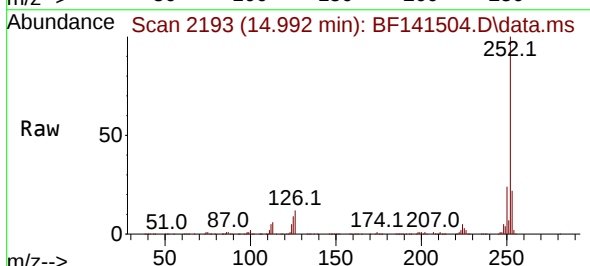
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

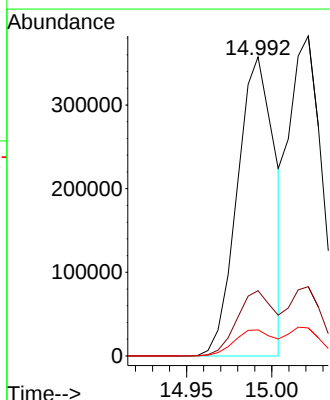
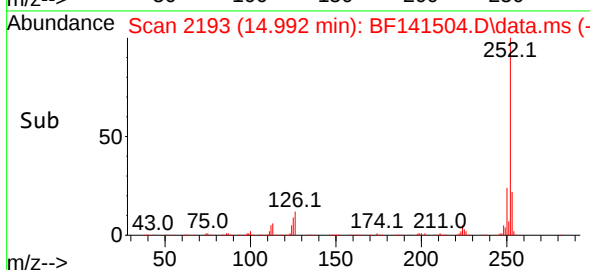
Supervised By :mohammad
ahmed
02/12/2025

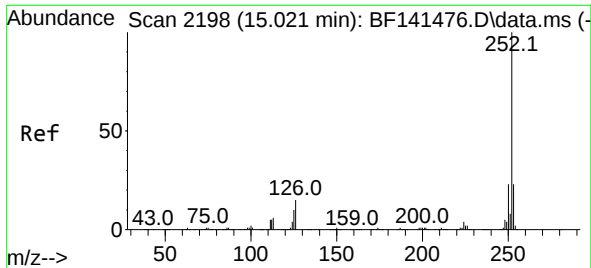


#88
Benzo(b)fluoranthene
Concen: 43.666 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25



Tgt Ion:252 Resp: 544128
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.7 7.0 10.6





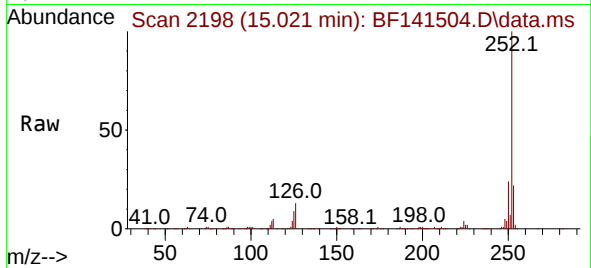
#89
Benzo(k)fluoranthene
Concen: 48.475 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB166580BS



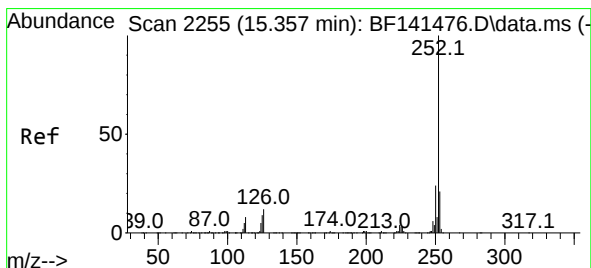
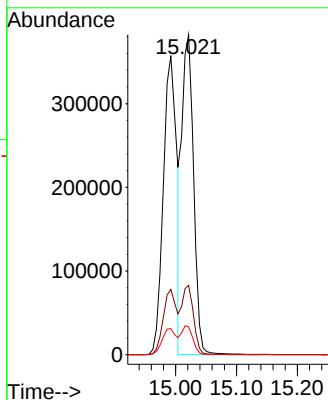
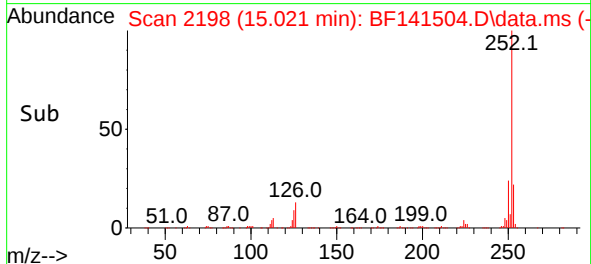
Tgt Ion:252 Resp: 515802
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.8 7.4 11.0

Manual Integrations

APPROVED

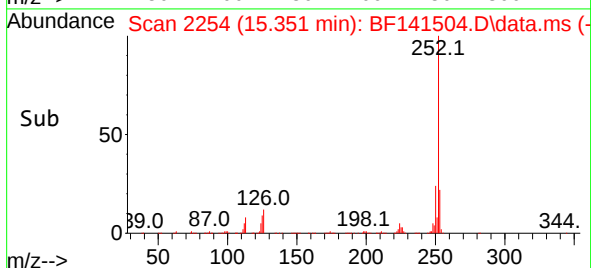
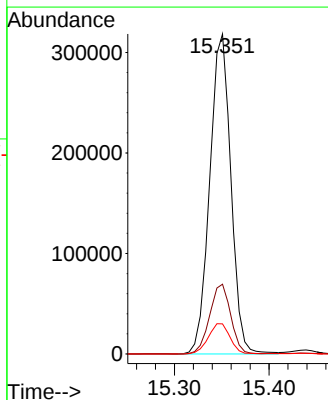
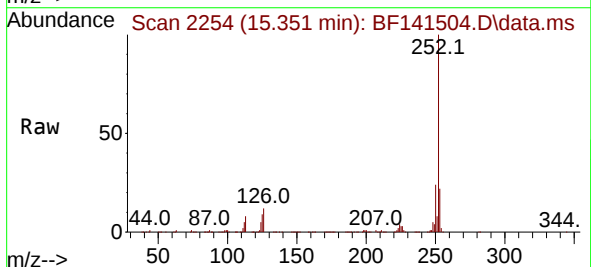
Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#90
Benzo(a)pyrene
Concen: 49.014 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:252 Resp: 494215
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.4 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.981 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Instrument :

BNA_F

ClientSampleId :

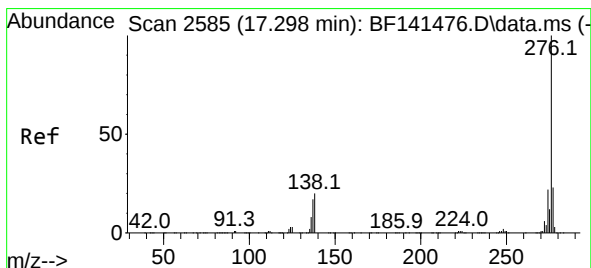
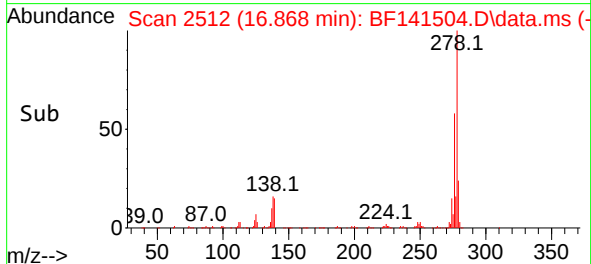
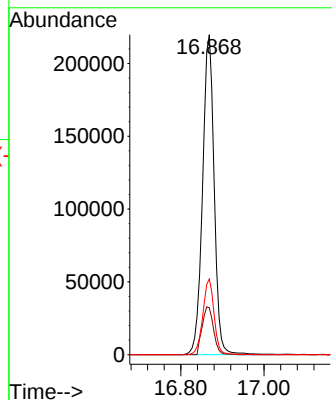
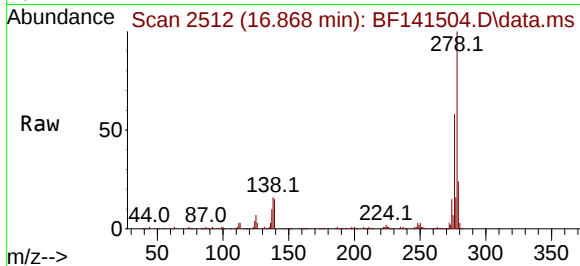
PB166580BS

Tgt Ion:278 Resp: 42724
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.6 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad
ahmed
02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 42.284 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141504.D
Acq: 07 Feb 2025 13:25

Tgt Ion:276 Resp: 411141
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 18.5 15.9 23.9

