

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141610.D
 Acq On : 13 Feb 2025 13:17
 Operator : RC/JU
 Sample : Q1343-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13MS

Quant Time: Feb 13 13:37:59 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96324	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	378872	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	214420	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	370658	20.000	ng	0.00
76) Chrysene-d12	13.957	240	256669	20.000	ng	0.00
86) Perylene-d12	15.410	264	207782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	549592	89.450	ng	0.00
7) Phenol-d6	6.428	99	701449	90.327	ng	-0.01
23) Nitrobenzene-d5	7.351	82	459846	63.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	212393	98.606	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	858263	61.668	ng	0.00
79) Terphenyl-d14	12.892	244	990319	65.136	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	118840	48.058	ng	99
3) Pyridine	3.328	79	221389	37.622	ng	97
4) n-Nitrosodimethylamine	3.287	42	168613	43.274	ng	93
6) Aniline	6.451	93	127968	17.567	ng	# 23
8) 2-Chlorophenol	6.575	128	304766	45.906	ng	99
9) Benzaldehyde	6.334	77	165850	40.190	ng	99
10) Phenol	6.445	94	366990	45.405	ng	81
11) bis(2-Chloroethyl)ether	6.522	93	279599	46.056	ng	99
12) 1,3-Dichlorobenzene	6.728	146	319791	45.626	ng	97
13) 1,4-Dichlorobenzene	6.804	146	325833	45.501	ng	98
14) 1,2-Dichlorobenzene	6.951	146	309837	46.618	ng	99
15) Benzyl Alcohol	6.934	79	247271	41.523	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	460612	44.323	ng	82
17) 2-Methylphenol	7.051	107	236337	45.490	ng	95
18) Hexachloroethane	7.292	117	123748	46.693	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	215652	46.426	ng	96
20) 3+4-Methylphenols	7.204	107	310548	47.034	ng	94
22) Acetophenone	7.198	105	468055	49.663	ng	96
24) Nitrobenzene	7.369	77	319498	45.106	ng	99
25) Isophorone	7.610	82	579310	50.018	ng	99
26) 2-Nitrophenol	7.687	139	163549	46.410	ng	96
27) 2,4-Dimethylphenol	7.728	122	233752	56.780	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	352179	47.453	ng	99
29) 2,4-Dichlorophenol	7.934	162	260071	46.755	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	275062	45.410	ng	99
31) Naphthalene	8.092	128	903704	45.823	ng	100
32) Benzoic acid	7.869	122	187219	43.782	ng	98
33) 4-Chloroaniline	8.163	127	56490	8.204	ng	99
34) Hexachlorobutadiene	8.204	225	173532	47.721	ng	99
35) Caprolactam	8.516	113	90677m	53.541	ng	
36) 4-Chloro-3-methylphenol	8.639	107	287300	46.628	ng	99
37) 2-Methylnaphthalene	8.781	142	570870	44.483	ng	100
38) 1-Methylnaphthalene	8.881	142	555789	44.715	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	309903	49.957	ng	99
41) Hexachlorocyclopentadiene	8.934	237	312120	151.271	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	185024	46.148	ng	100

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Manual Integrations APPROVED

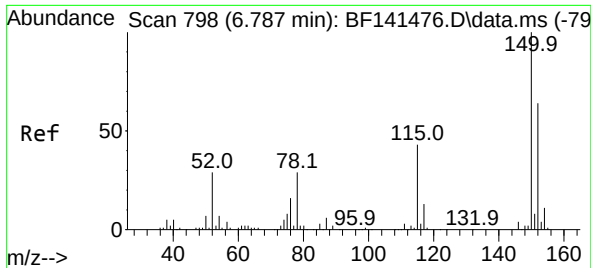
Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	195738	45.047	ng	99
46) 1,1'-Biphenyl	9.245	154	832397	50.073	ng	99
47) 2-Chloronaphthalene	9.269	162	564607	45.930	ng	99
48) 2-Nitroaniline	9.375	65	183396	44.455	ng	95
49) Acenaphthylene	9.686	152	861388	47.112	ng	100
50) Dimethylphthalate	9.551	163	680951	46.780	ng	100
51) 2,6-Dinitrotoluene	9.616	165	148967	46.814	ng	96
52) Acenaphthene	9.857	154	551505	44.867	ng	99
53) 3-Nitroaniline	9.786	138	69306	20.236	ng	96
54) 2,4-Dinitrophenol	9.898	184	183827	97.200	ng	92
55) Dibenzofuran	10.033	168	790006	43.786	ng	99
56) 4-Nitrophenol	9.963	139	228337	89.810	ng	96
57) 2,4-Dinitrotoluene	10.022	165	202969	47.913	ng	98
58) Fluorene	10.375	166	628363	45.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	170325	45.530	ng	96
60) Diethylphthalate	10.251	149	654453	45.696	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	309714	46.148	ng	99
62) 4-Nitroaniline	10.404	138	146108	42.013	ng	97
63) Azobenzene	10.528	77	746773	52.450	ng	91
65) 4,6-Dinitro-2-methylph...	10.428	198	121676	47.257	ng	100
66) n-Nitrosodiphenylamine	10.486	169	545490	45.974	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	195046	47.083	ng	98
68) Hexachlorobenzene	10.922	284	204487	47.937	ng	99
69) Atrazine	11.016	200	206125	57.908	ng	99
70) Pentachlorophenol	11.122	266	228642	83.825	ng	100
71) Phenanthrene	11.333	178	996758	48.853	ng	100
72) Anthracene	11.386	178	974400	47.508	ng	100
73) Carbazole	11.545	167	838747	45.449	ng	100
74) Di-n-butylphthalate	11.875	149	1043143	48.953	ng	100
75) Fluoranthene	12.522	202	1032261	47.721	ng	99
77) Benzidine	12.651	184	125473	22.166	ng	98
78) Pyrene	12.751	202	1038726	47.540	ng	100
80) Butylbenzylphthalate	13.369	149	410037	54.180	ng	98
81) Benzo(a)anthracene	13.945	228	800362	46.910	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	152640	31.231	ng	99
83) Chrysene	13.980	228	732342	46.487	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	548077	64.211	ng	99
85) Di-n-octyl phthalate	14.557	149	790920	64.954	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	635689	49.514	ng	99
88) Benzo(b)fluoranthene	14.992	252	681805	48.869	ng	99
89) Benzo(k)fluoranthene	15.021	252	541984	45.494	ng	99
90) Benzo(a)pyrene	15.351	252	557325	49.368	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	508347	48.865	ng	99
92) Benzo(g,h,i)perylene	17.286	276	497505	45.700	ng	99

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

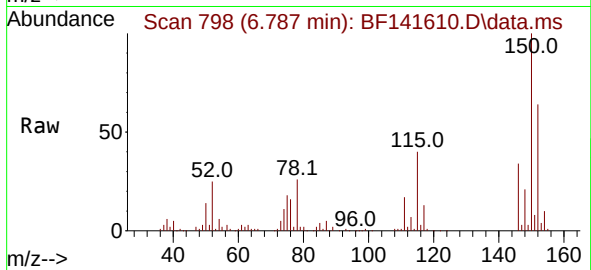
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141610.D
 Acq: 13 Feb 2025 13:17

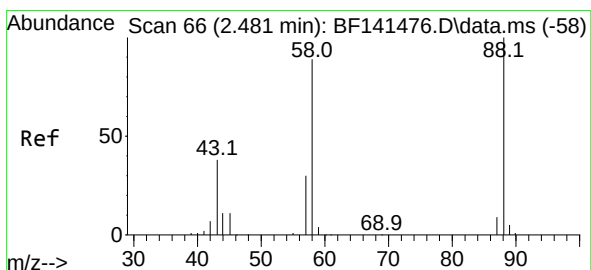
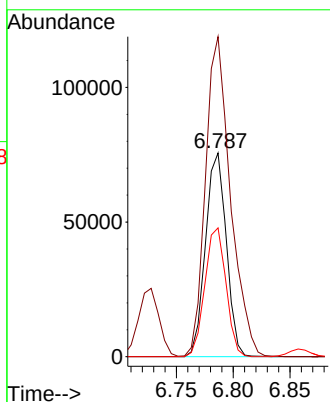
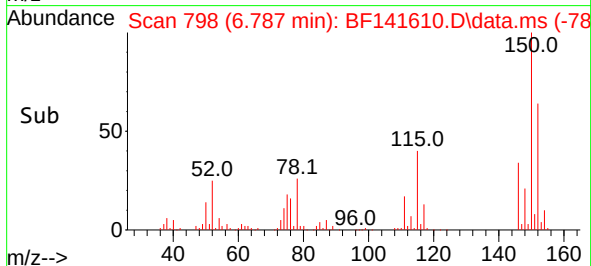
Instrument :
 BNA_F
 ClientSampleId :
 WC-13MS



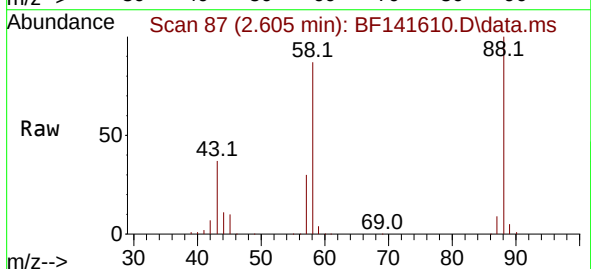
Tgt Ion:152 Resp: 96324
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 63.3 53.6 80.4

Manual Integrations
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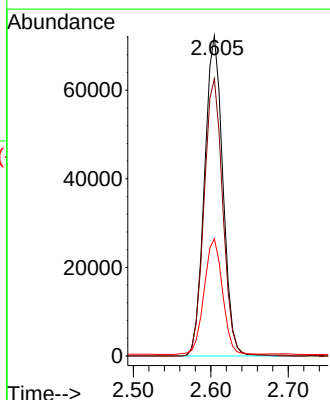
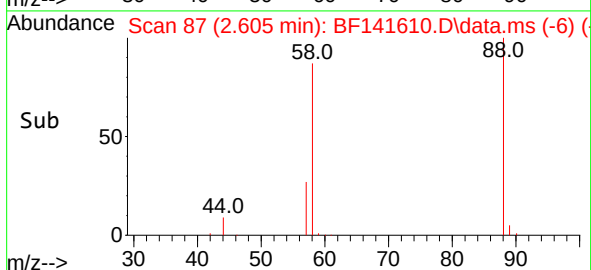
Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025

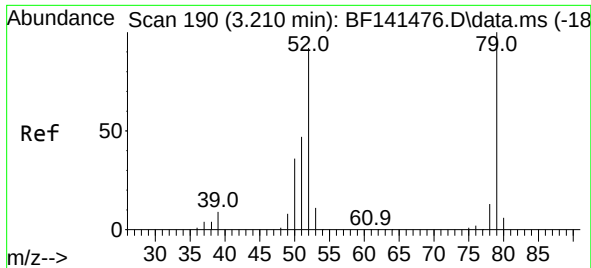


#2
 1,4-Dioxane
 Concen: 48.058 ng
 RT: 2.605 min Scan# 87
 Delta R.T. 0.124 min
 Lab File: BF141610.D
 Acq: 13 Feb 2025 13:17



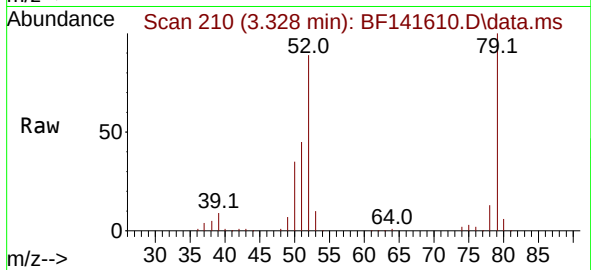
Tgt Ion: 88 Resp: 118840
 Ion Ratio Lower Upper
 88 100
 58 88.6 71.1 106.7
 43 36.3 30.6 46.0





#3
Pyridine
Concen: 37.622 ng
RT: 3.328 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

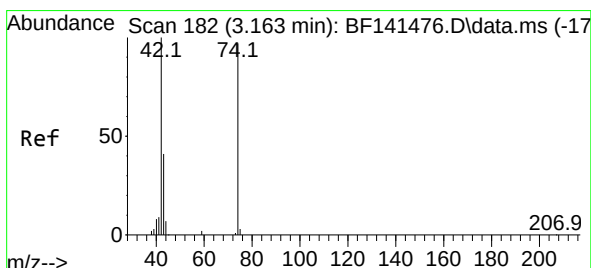
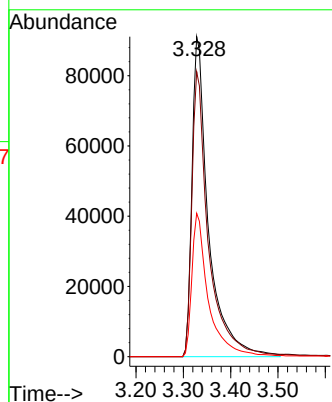
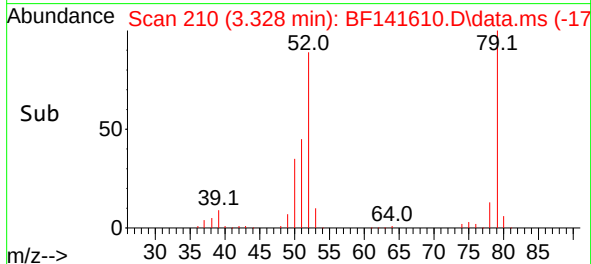
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BNA_F
ClientSampleId :
WC-13MS



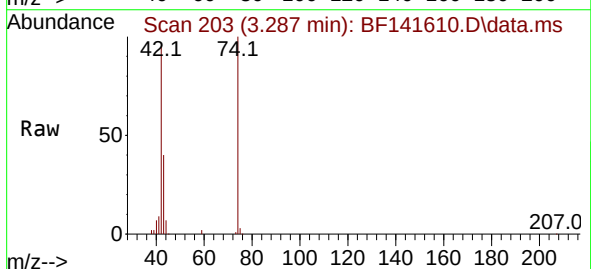
Tgt Ion: 79 Resp: 221389
Ion Ratio Lower Upper
79 100
52 89.1 73.7 110.5
51 44.8 37.5 56.3

Manual Integrations
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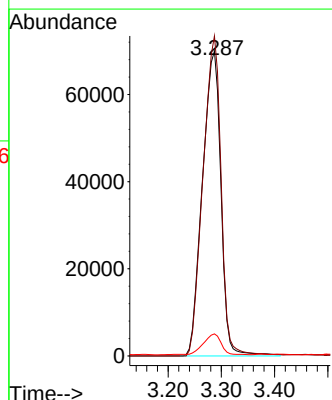
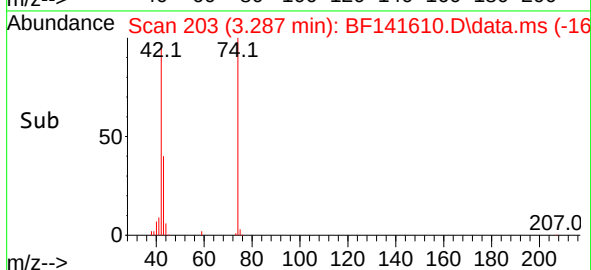
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

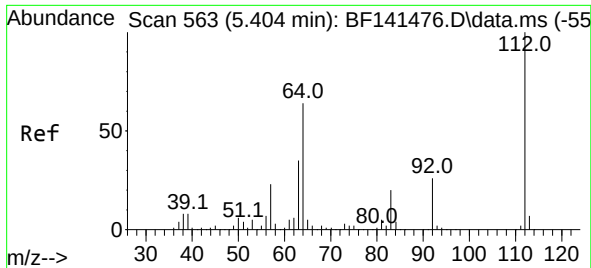


#4
n-Nitrosodimethylamine
Concen: 43.274 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.100 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion: 42 Resp: 168613
Ion Ratio Lower Upper
42 100
74 105.0 78.0 117.0
44 7.2 5.4 8.2





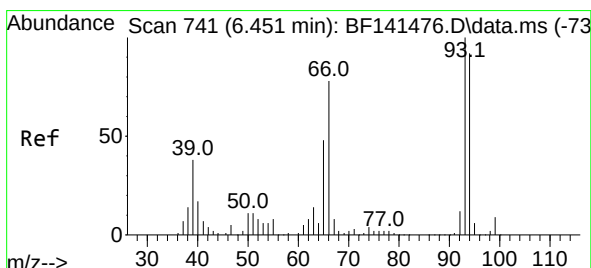
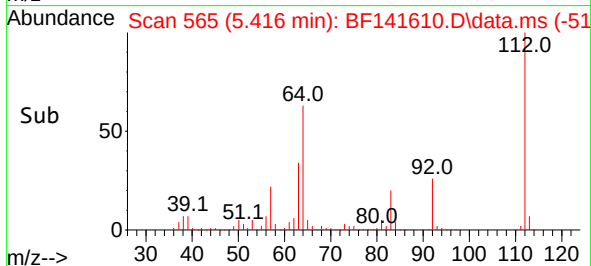
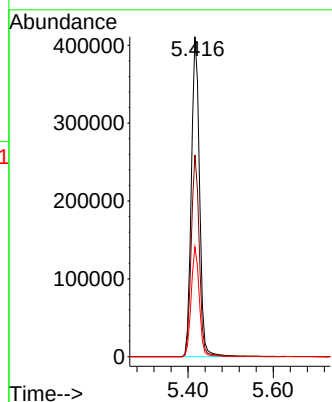
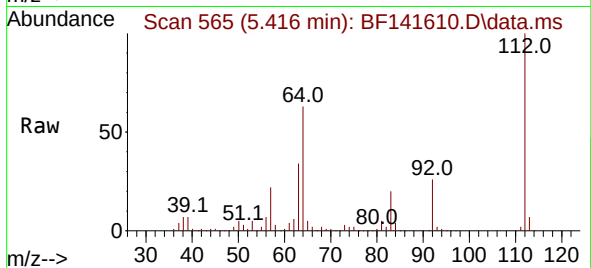
#5
2-Fluorophenol
Concen: 89.450 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Tgt Ion:112 Resp: 549592
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 34.3 28.4 42.6

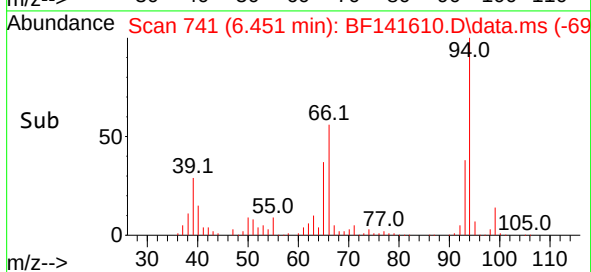
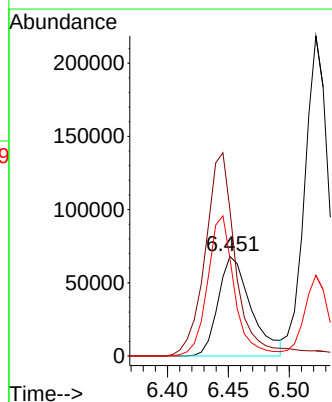
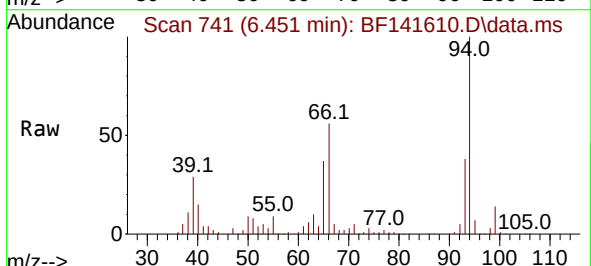
Manual Integrations
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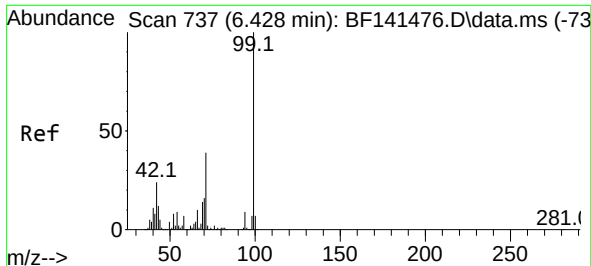
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#6
Aniline
Concen: 17.567 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

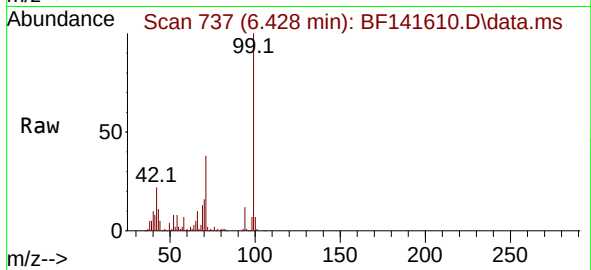
Tgt Ion: 93 Resp: 127968
Ion Ratio Lower Upper
93 100
66 146.6 62.6 94.0#
65 98.0 38.3 57.5#





#7
Phenol-d6
Concen: 90.327 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

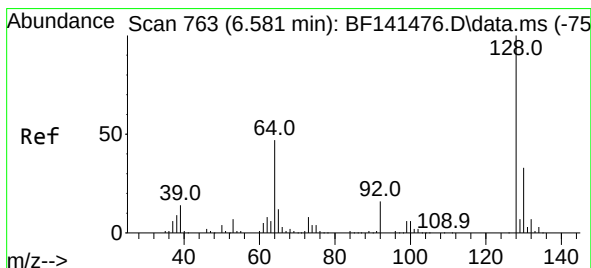
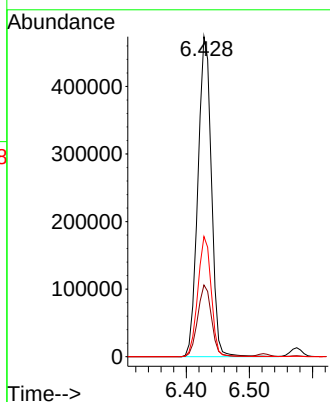
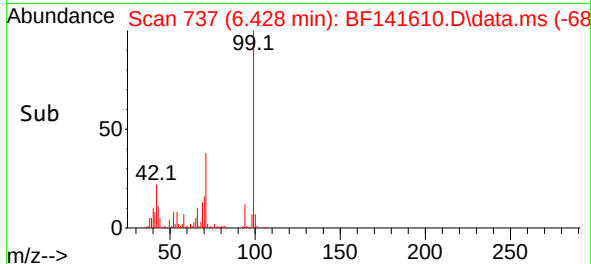
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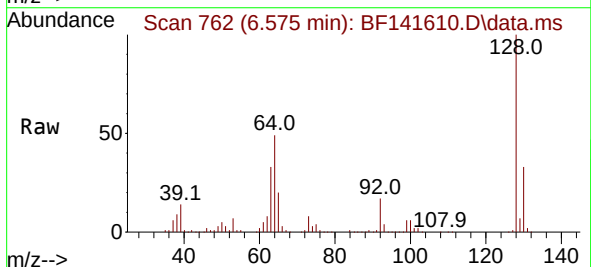
Tgt Ion: 99 Resp: 701449
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.5 31.1 46.7

Manual Integrations
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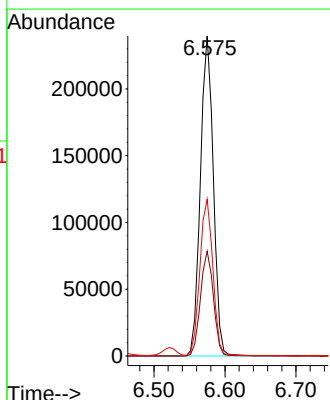
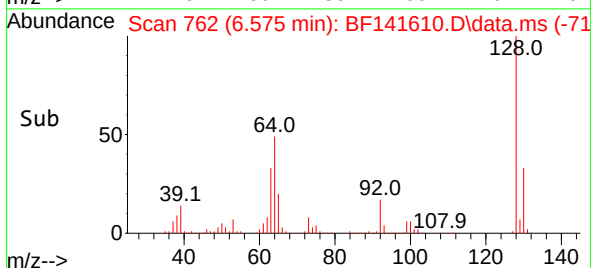
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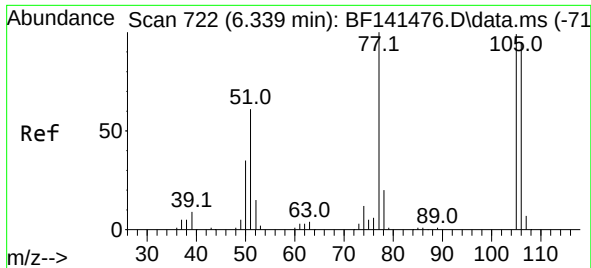


#8
2-Chlorophenol
Concen: 45.906 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



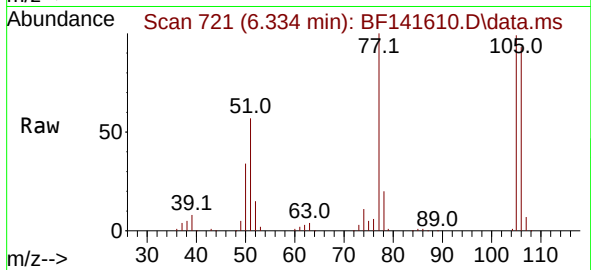
Tgt Ion:128 Resp: 304766
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 49.0 28.3 68.3





#9
Benzaldehyde
Concen: 40.190 ng
RT: 6.334 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

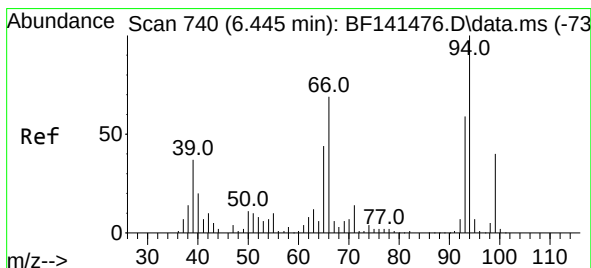
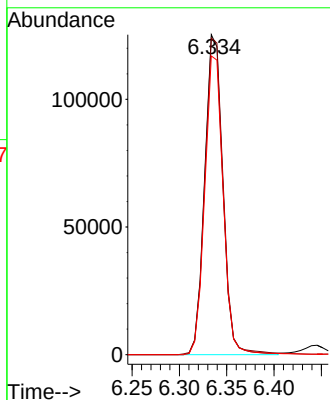
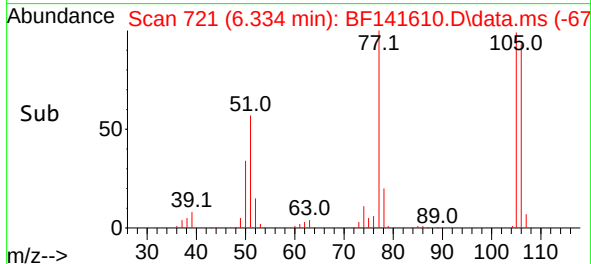
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion: 77 Resp: 165850
Ion Ratio Lower Upper
77 100
105 99.0 79.4 119.4
106 93.3 75.1 115.1

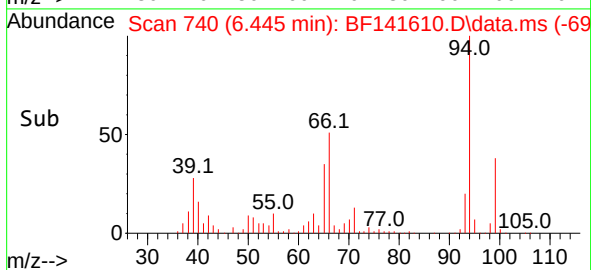
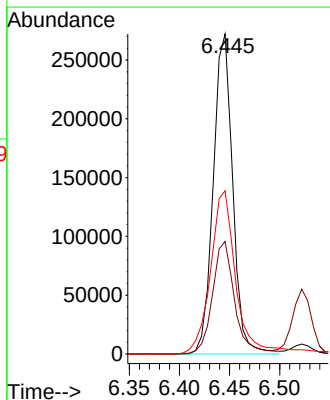
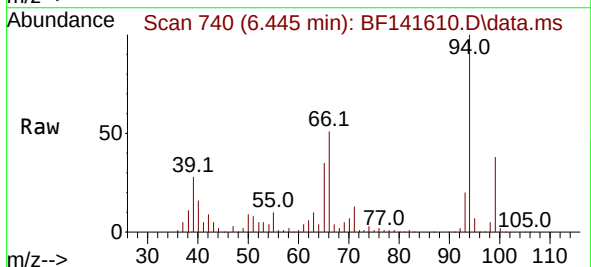
Manual Integrations
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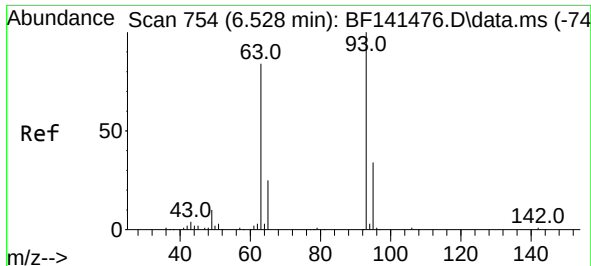
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#10
Phenol
Concen: 45.405 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

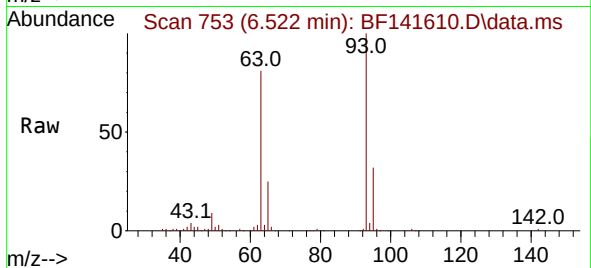
Tgt Ion: 94 Resp: 366990
Ion Ratio Lower Upper
94 100
65 35.2 23.7 63.7
66 51.0 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 46.056 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

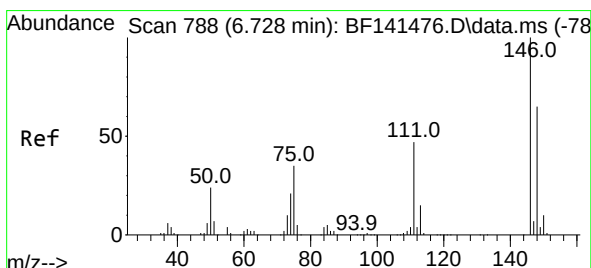
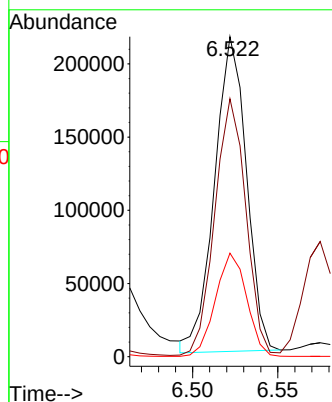
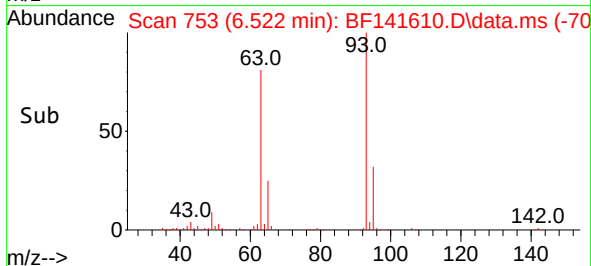
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion: 93 Resp: 279598
Ion Ratio Lower Upper
93 100
63 80.6 62.0 102.0
95 32.4 12.6 52.6

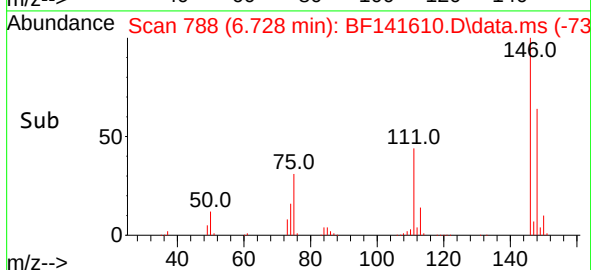
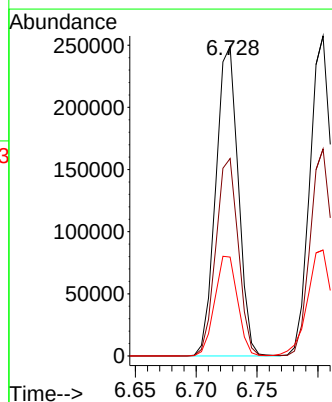
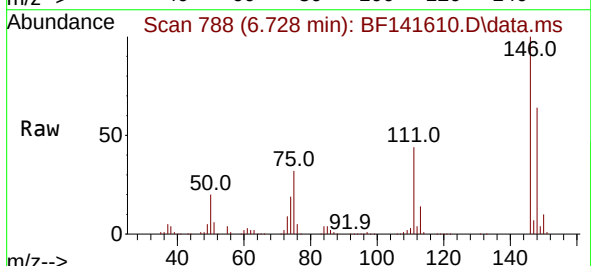
Manual Integrations
APPROVED

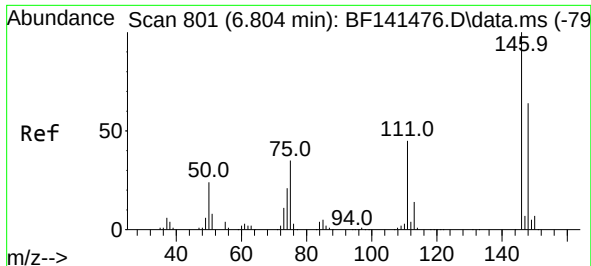
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#12
1,3-Dichlorobenzene
Concen: 45.626 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion:146 Resp: 319791
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 32.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 45.501 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

Tgt Ion:146 Resp: 32583

Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

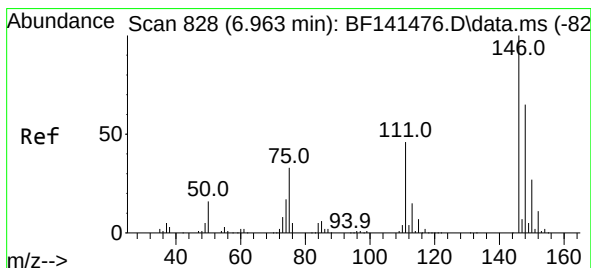
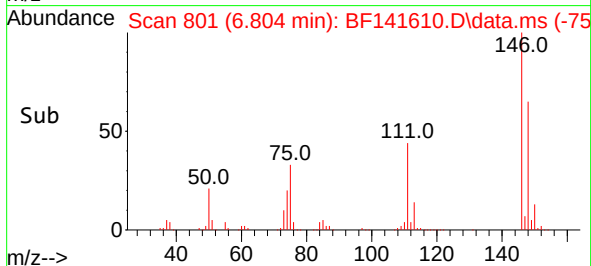
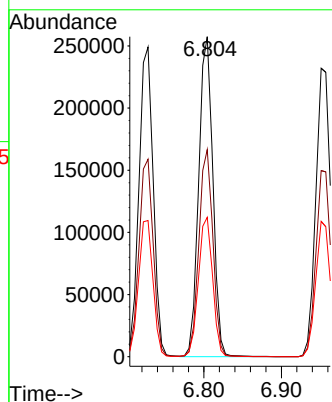
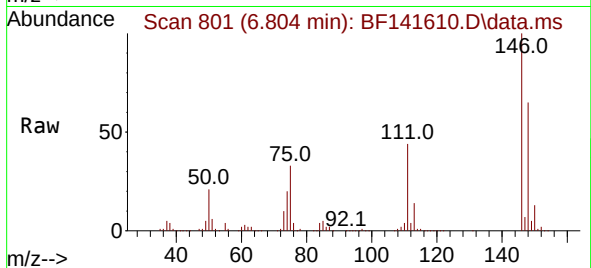
111 43.5 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#14

1,2-Dichlorobenzene

Concen: 46.618 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

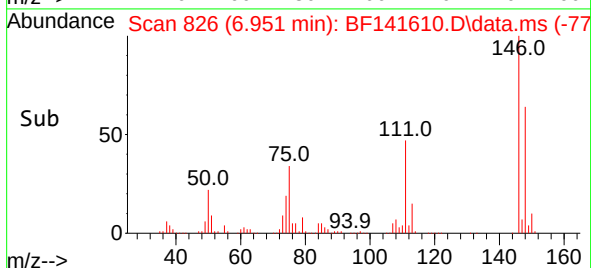
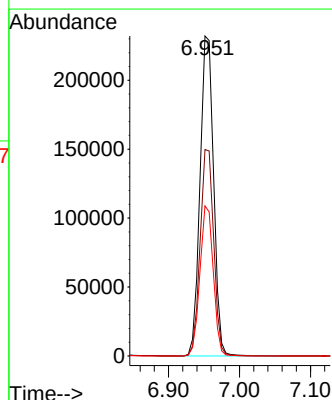
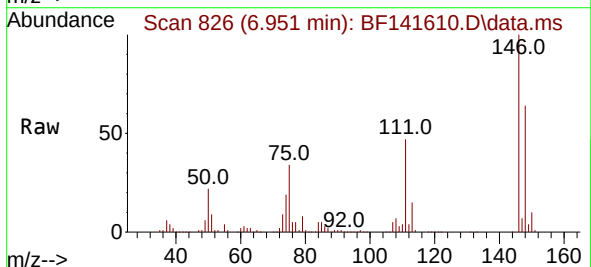
Tgt Ion:146 Resp: 309837

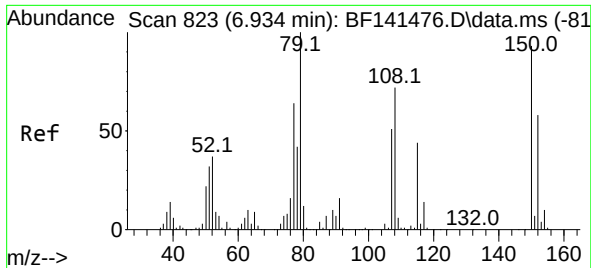
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

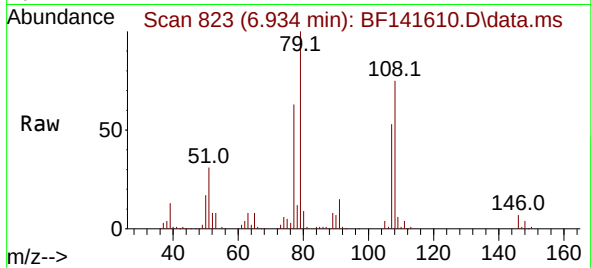
111 46.9 37.0 55.4





#15
Benzyl Alcohol
Concen: 41.523 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

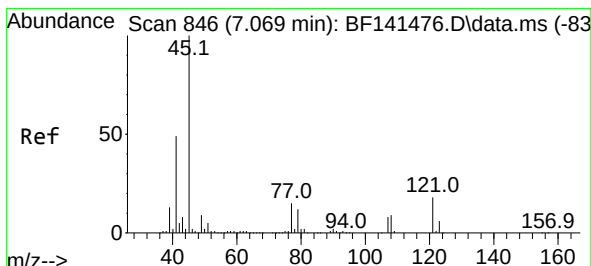
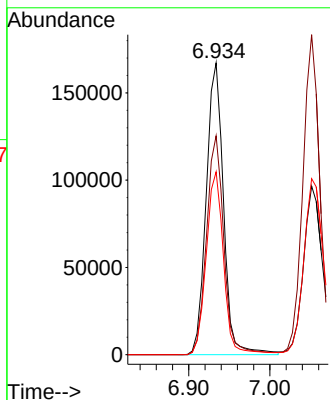
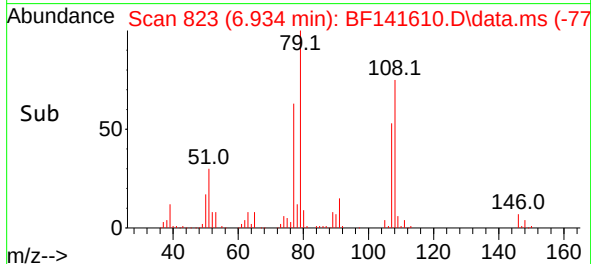
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion: 79 Resp: 24727
Ion Ratio Lower Upper
79 100
108 75.0 57.4 86.2
77 62.7 50.9 76.3

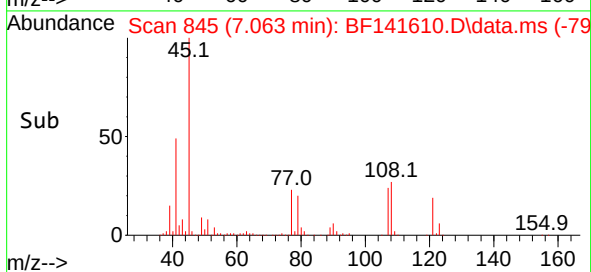
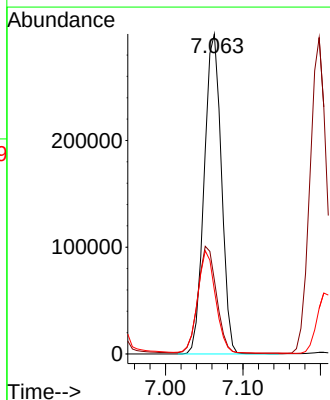
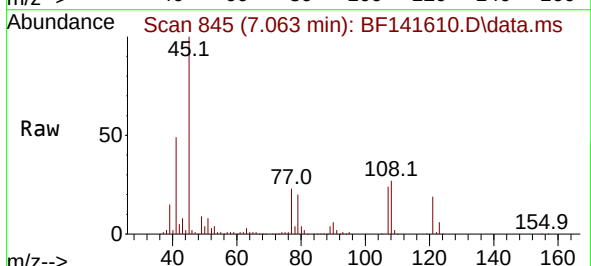
Manual Integrations
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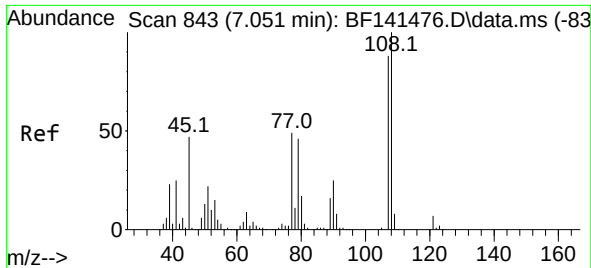
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.323 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

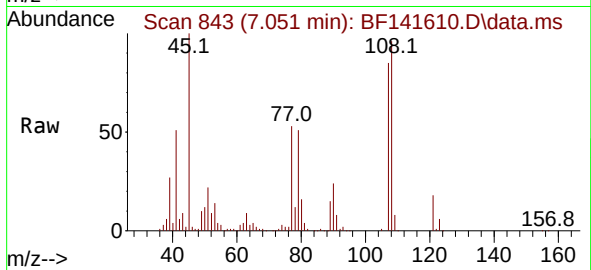
Tgt Ion: 45 Resp: 460612
Ion Ratio Lower Upper
45 100
77 23.1 0.0 35.8
79 19.9 0.0 32.7





#17
2-Methylphenol
Concen: 45.490 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

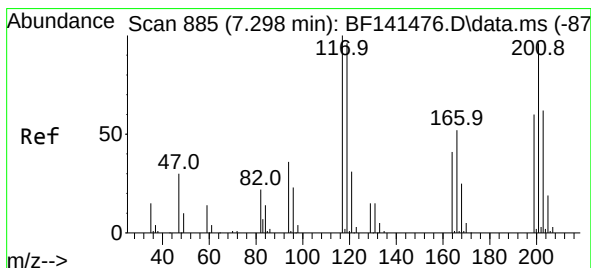
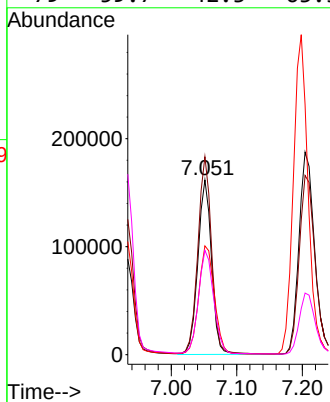
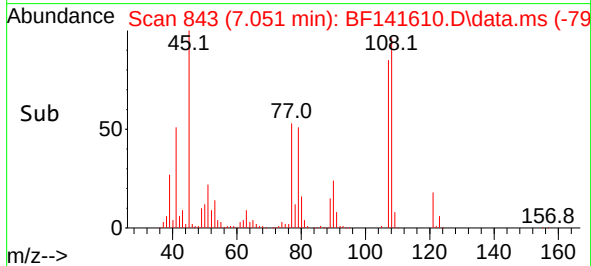
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:107 Resp: 23633
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 62.3 44.4 66.6
79 59.7 42.3 63.5

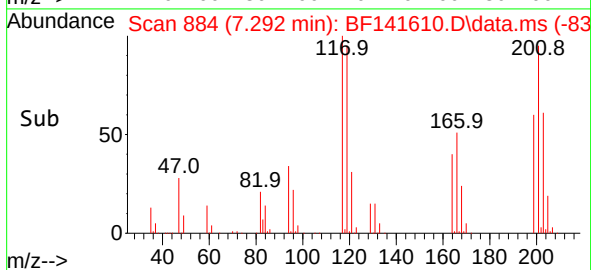
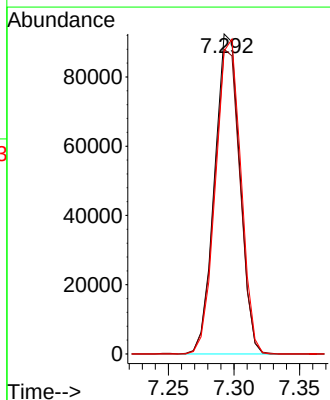
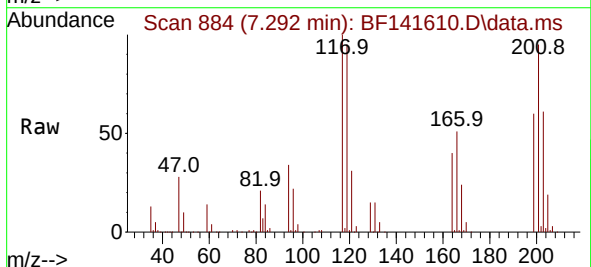
Manual Integrations
APPROVED

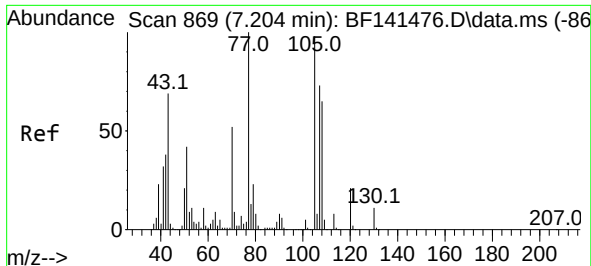
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#18
Hexachloroethane
Concen: 46.693 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

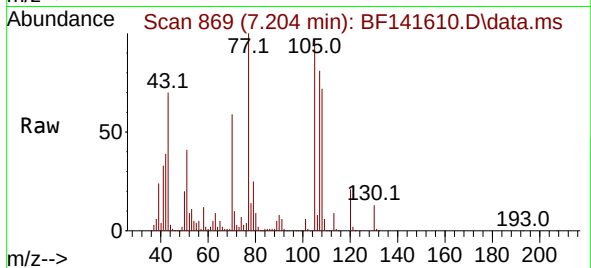
Tgt Ion:117 Resp: 123748
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
201 94.7 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.426 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

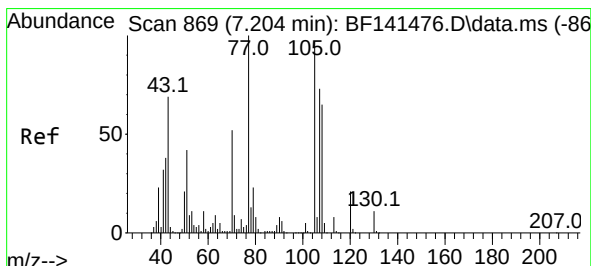
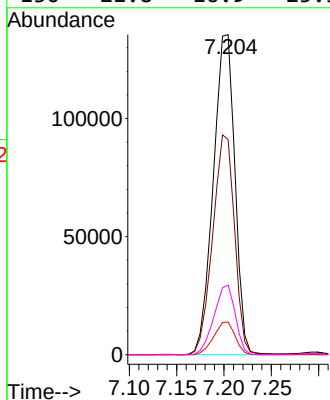
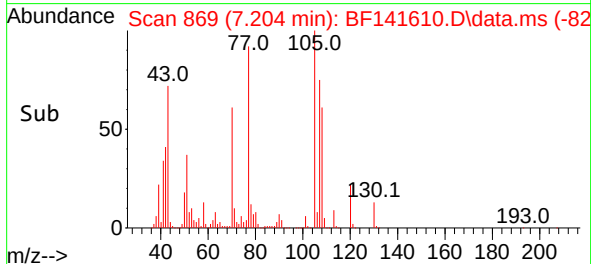
Instrument :
BNA_F
ClientSampleId :
WC-13MS



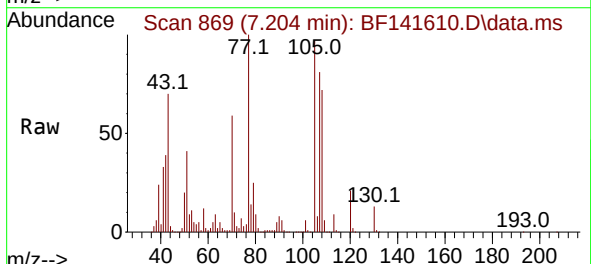
Tgt Ion: 70 Resp: 215652
Ion Ratio Lower Upper
70 100
42 67.3 57.4 86.2
101 10.2 8.0 12.0
130 21.8 16.9 25.3

Manual Integrations
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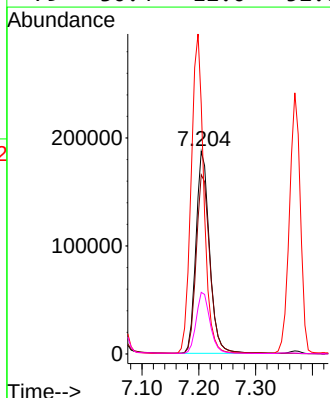
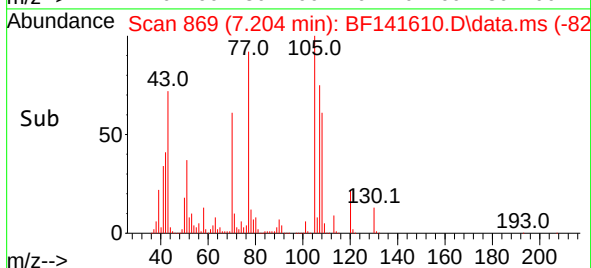
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

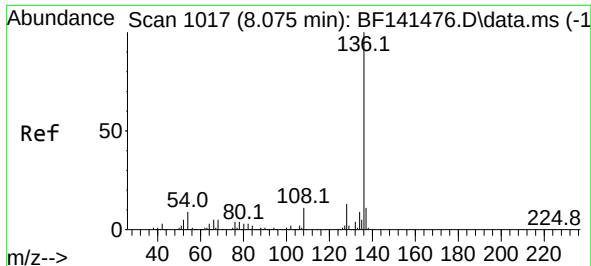


#20
3+4-Methylphenols
Concen: 47.034 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



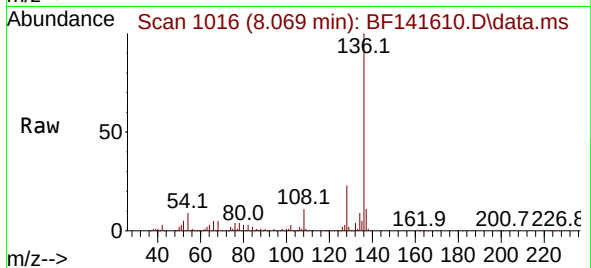
Tgt Ion:107 Resp: 310548
Ion Ratio Lower Upper
107 100
108 88.5 68.5 108.5
77 123.3 116.5 156.5
79 30.4 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

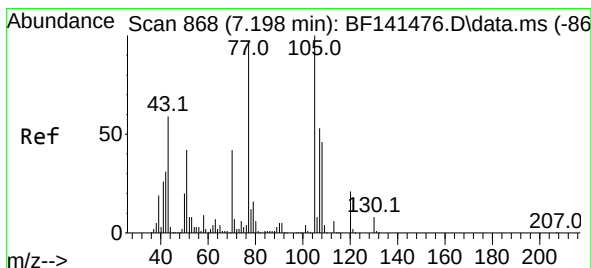
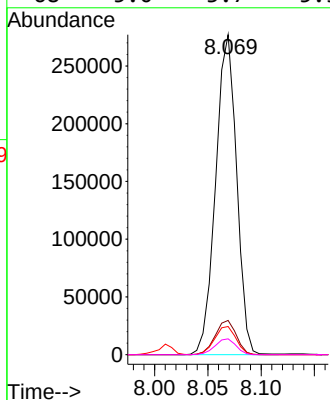
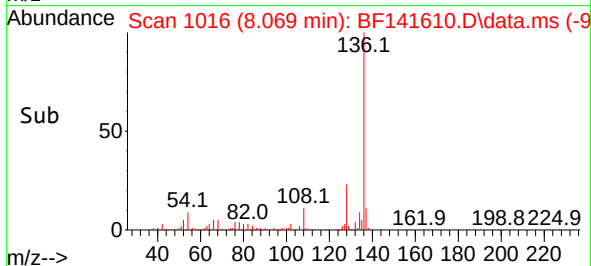
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:136 Resp: 378872
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.2 10.8
68 5.0 3.7 5.5

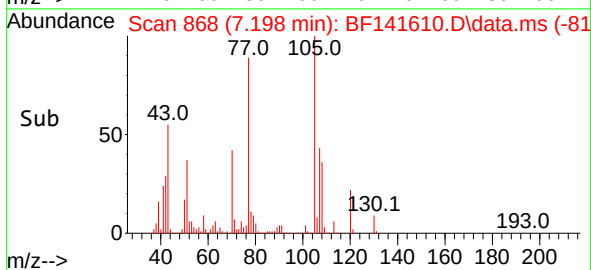
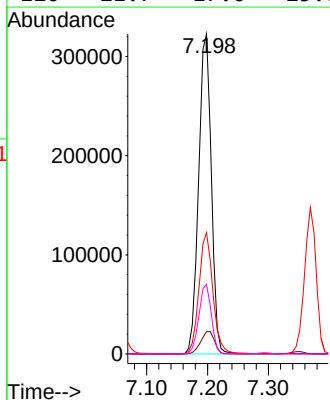
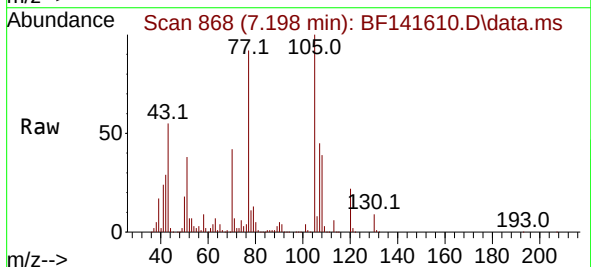
Manual Integrations
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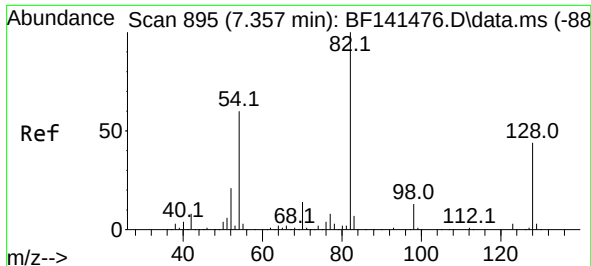
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#22
Acetophenone
Concen: 49.663 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion:105 Resp: 468055
Ion Ratio Lower Upper
105 100
71 7.0 5.7 8.5
51 37.9 33.7 50.5
120 21.7 17.0 25.6





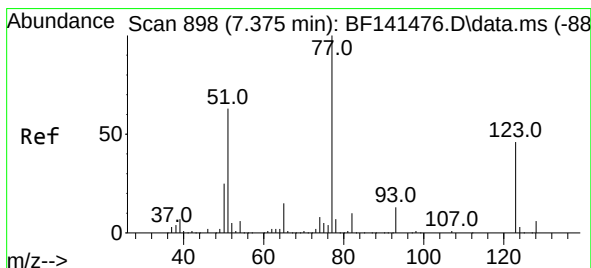
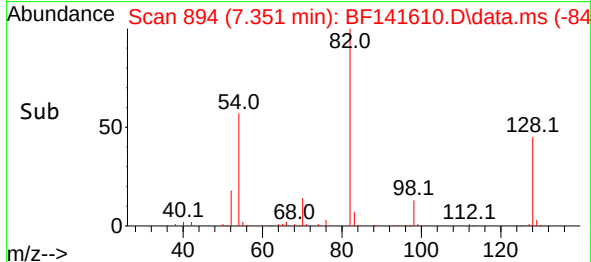
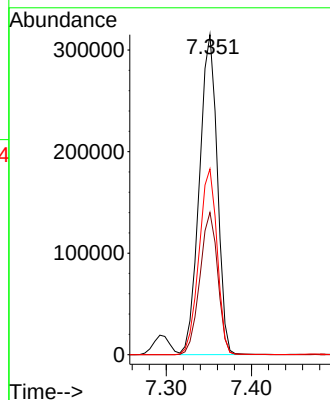
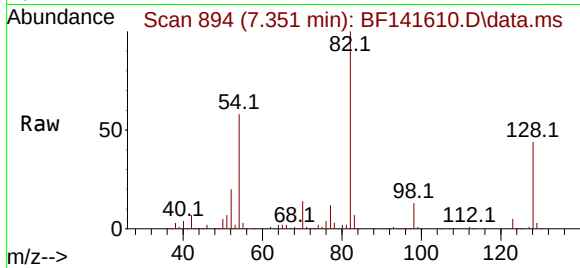
#23
Nitrobenzene-d5
Concen: 63.306 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Tgt Ion: 82 Resp: 459840
Ion Ratio Lower Upper
82 100
128 44.5 34.8 52.2
54 58.1 48.2 72.4

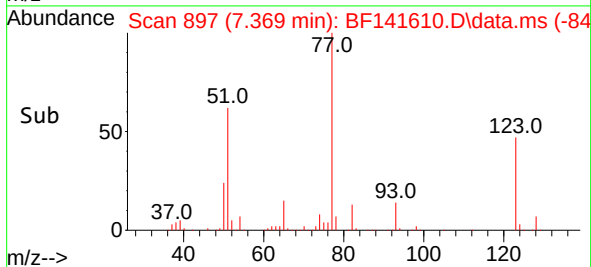
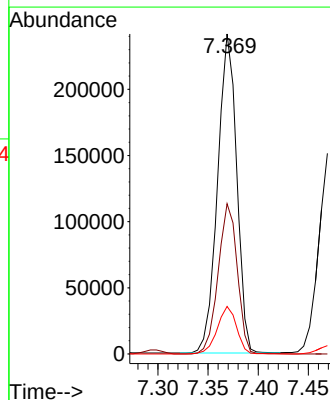
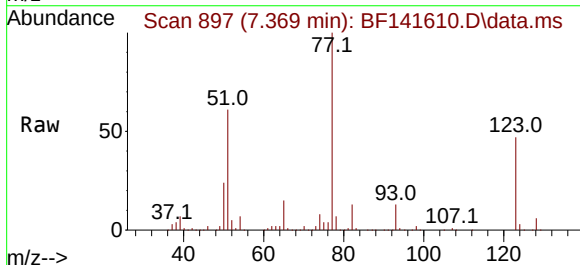
Manual Integrations
APPROVED

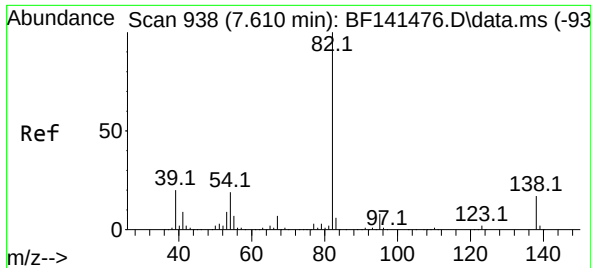
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#24
Nitrobenzene
Concen: 45.106 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion: 77 Resp: 319498
Ion Ratio Lower Upper
77 100
123 46.9 36.9 55.3
65 14.8 11.9 17.9





#25

Isophorone

Concen: 50.018 ng

RT: 7.610 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

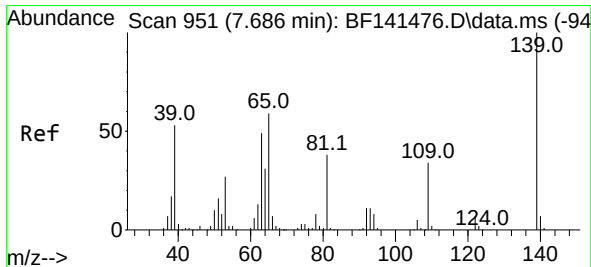
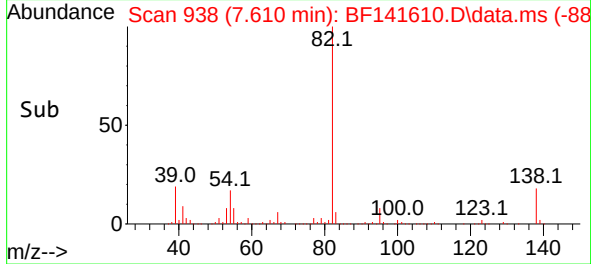
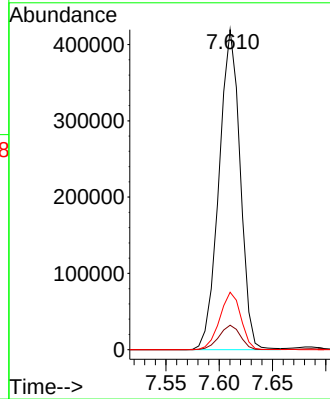
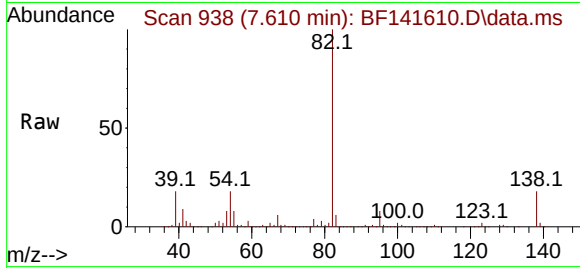
Tgt Ion:	82	Resp:	579310
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	17.9	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#26

2-Nitrophenol

Concen: 46.410 ng

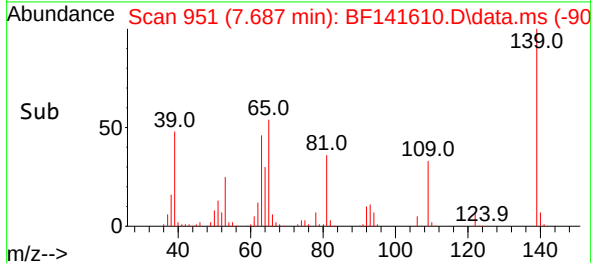
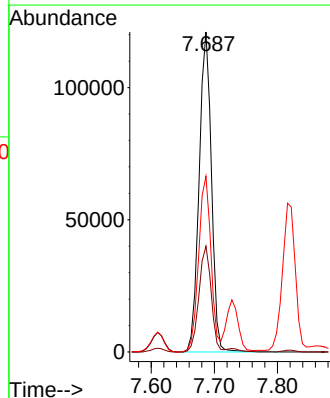
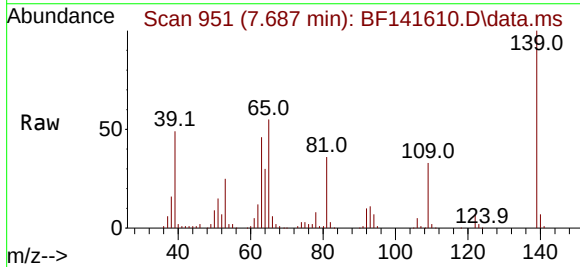
RT: 7.687 min Scan# 951

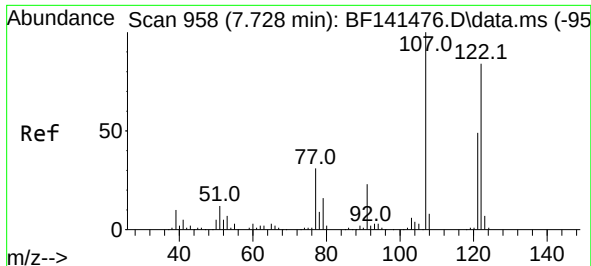
Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Tgt Ion:	139	Resp:	163549
Ion	Ratio	Lower	Upper
139	100		
109	33.0	27.0	40.6
65	54.9	47.1	70.7





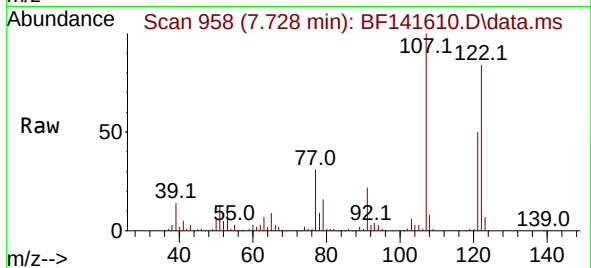
#27
2,4-Dimethylphenol
Concen: 56.780 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

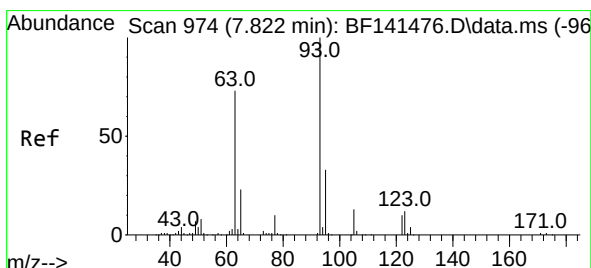
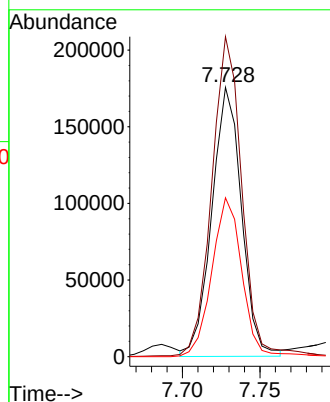
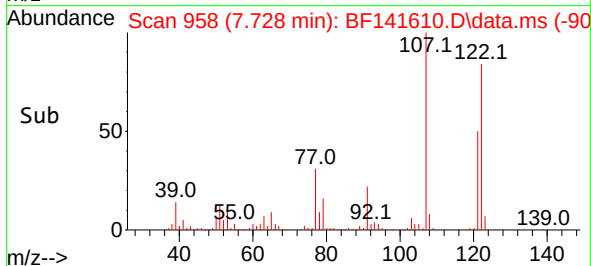


Tgt Ion:122 Resp: 233752
Ion Ratio Lower Upper
122 100
107 118.8 94.3 141.5
121 59.0 46.0 69.0

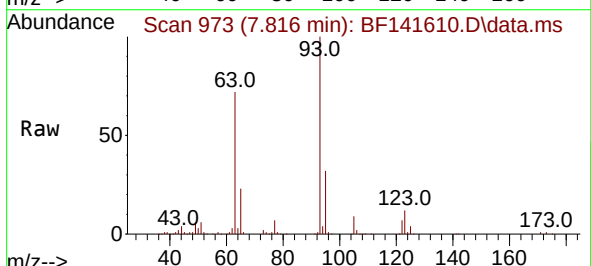
Manual Integrations

APPROVED

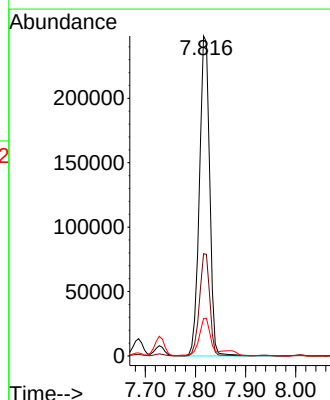
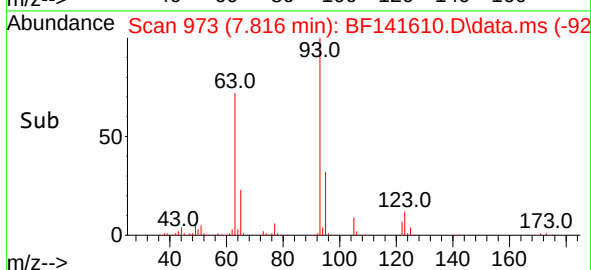
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

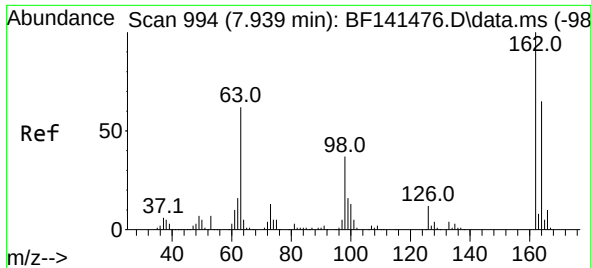


#28
bis(2-Chloroethoxy)methane
Concen: 47.453 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion: 93 Resp: 352179
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.755 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

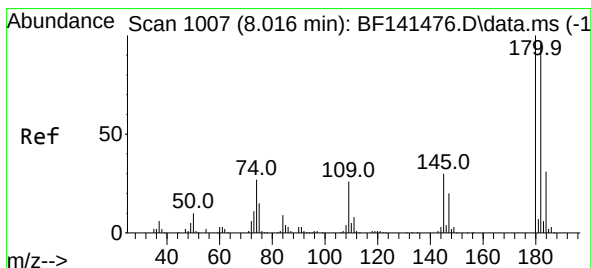
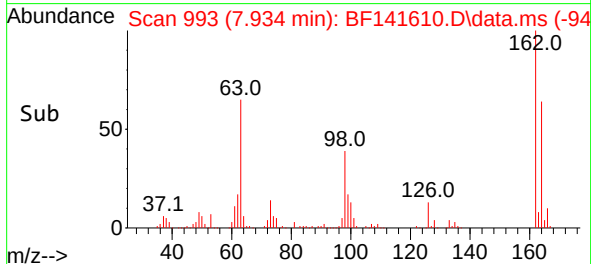
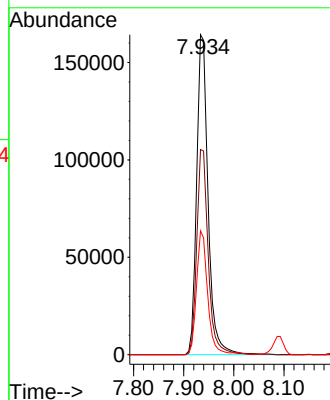
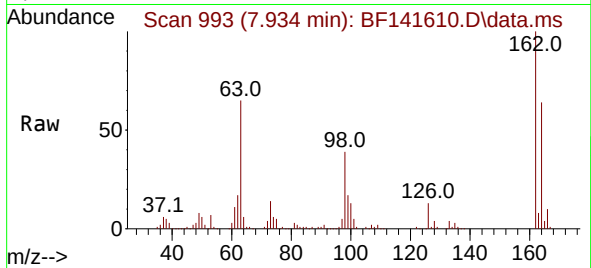
Tgt Ion:162	Resp: 26007
Ion Ratio	Lower Upper
162 100	
164 64.1	44.6 84.6
98 38.7	17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.410 ng

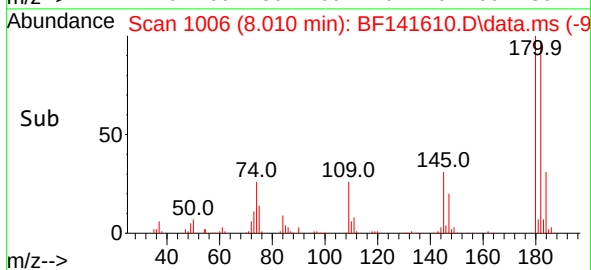
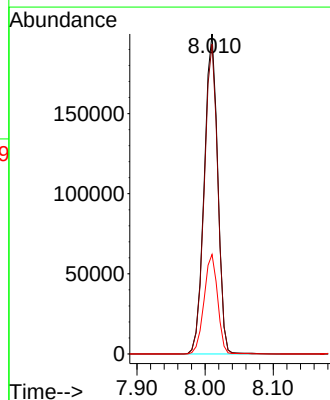
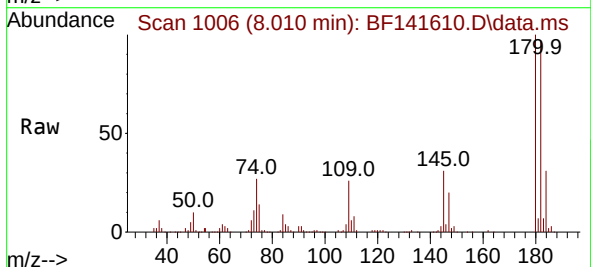
RT: 8.010 min Scan# 1006

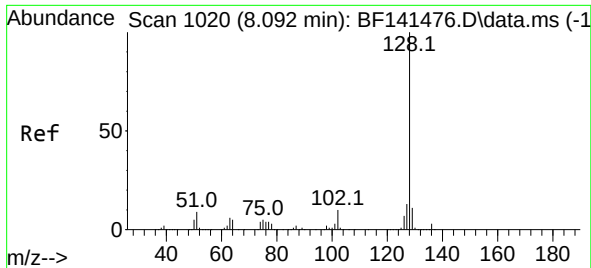
Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

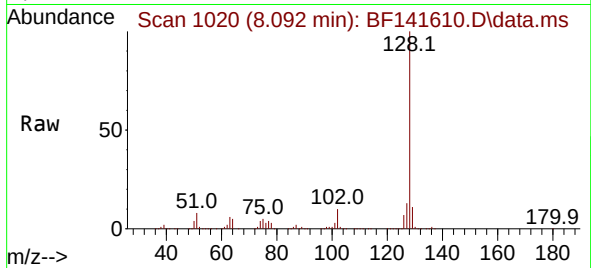
Tgt Ion:180	Resp: 275062
Ion Ratio	Lower Upper
180 100	
182 96.9	76.8 115.2
145 31.1	24.2 36.4





#31
Naphthalene
Concen: 45.823 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

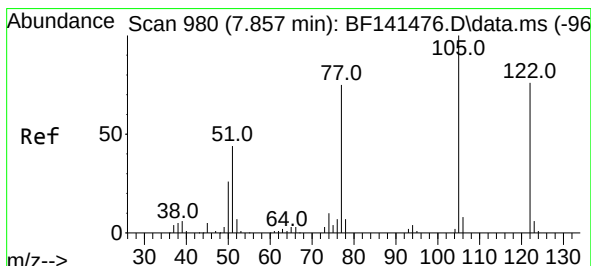
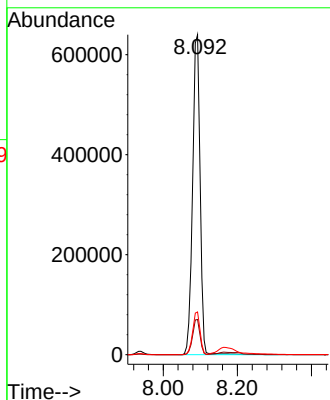
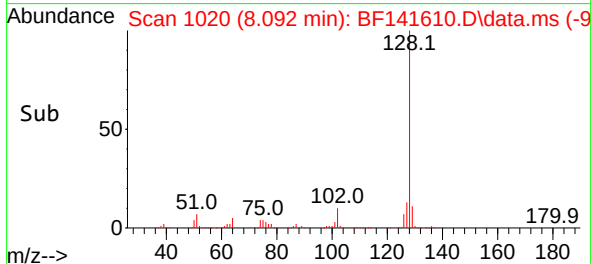
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:128 Resp: 903704
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1

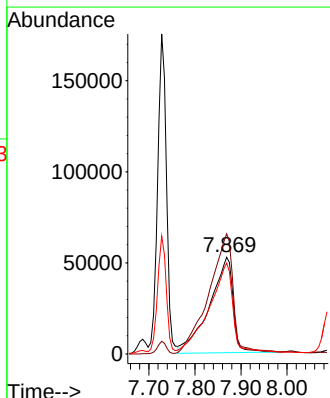
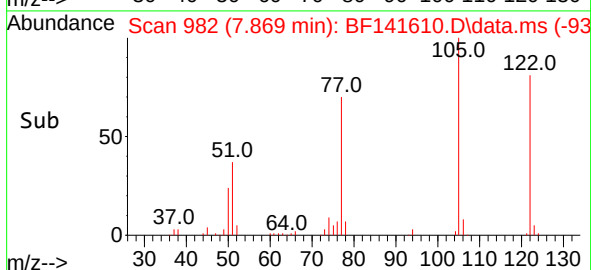
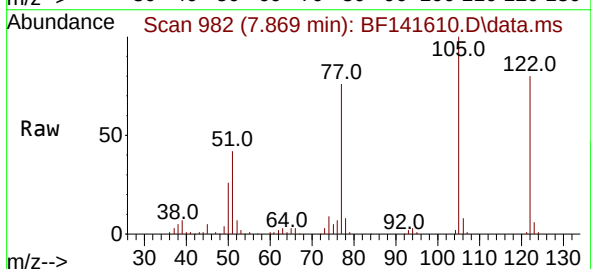
Manual Integrations
APPROVED

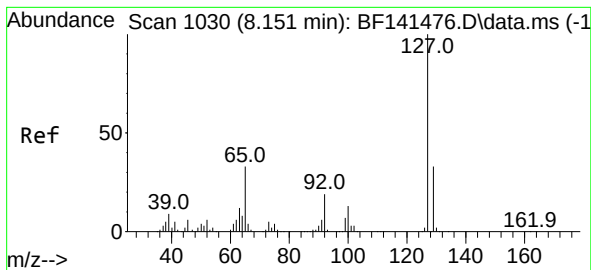
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#32
Benzoic acid
Concen: 43.782 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion:122 Resp: 187219
Ion Ratio Lower Upper
122 100
105 124.2 106.5 146.5
77 94.0 76.3 116.3





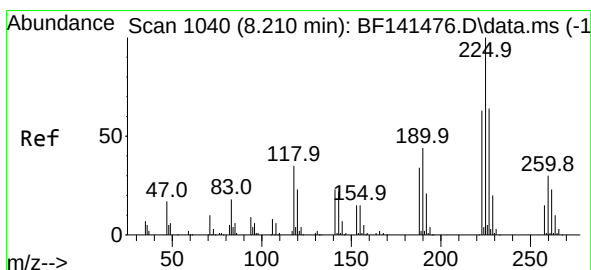
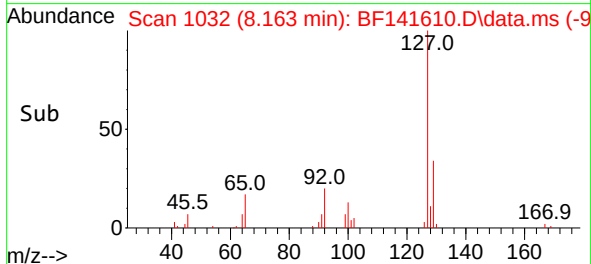
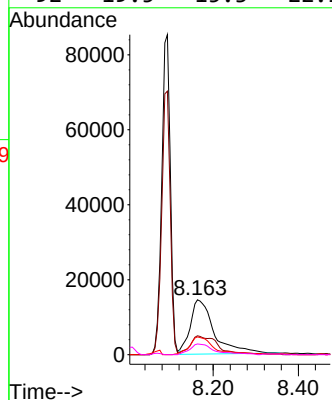
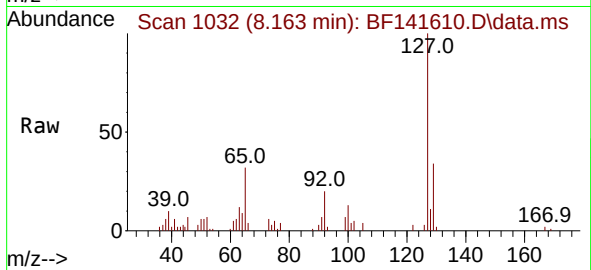
#33
4-Chloroaniline
Concen: 8.204 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Tgt Ion:	127	Resp:	56490
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.5	39.7
65	32.4	26.4	39.6
92	19.5	15.3	22.9

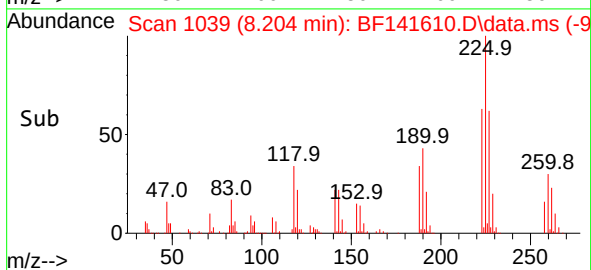
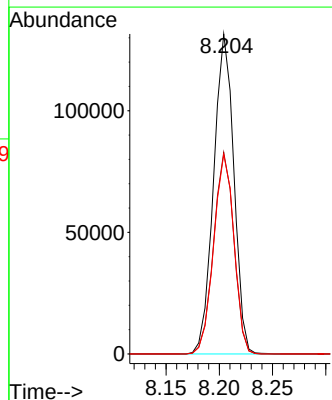
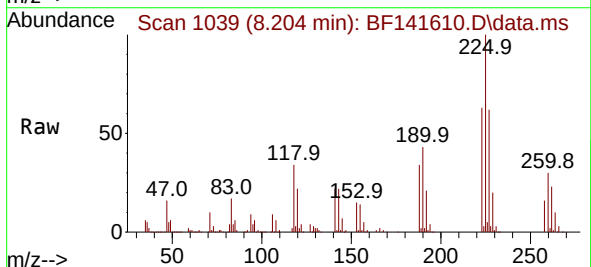
Manual Integrations
APPROVED

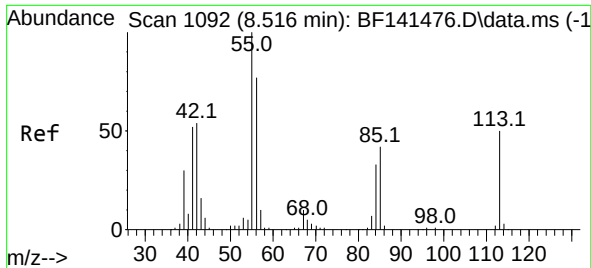
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#34
Hexachlorobutadiene
Concen: 47.721 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

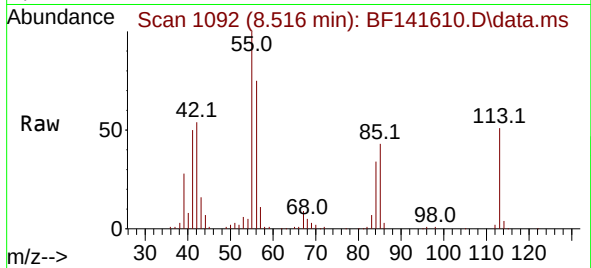
Tgt Ion:	225	Resp:	173532
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.1	75.1
227	62.4	51.0	76.6





#35
Caprolactam
Concen: 53.541 ng m
RT: 8.516 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

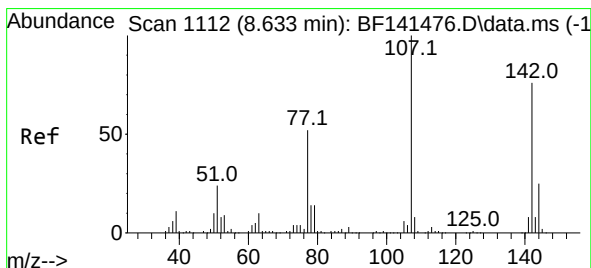
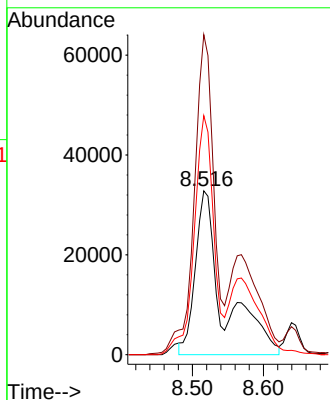
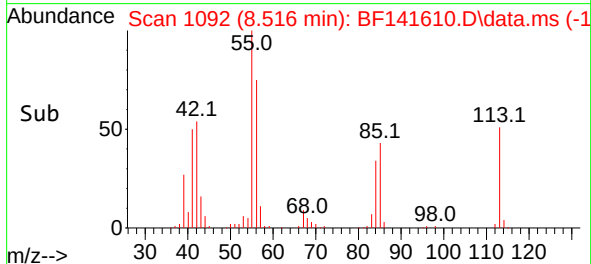
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:113 Resp: 9067
Ion Ratio Lower Upper
113 100
55 195.3 180.8 220.8
56 145.9 133.6 173.6

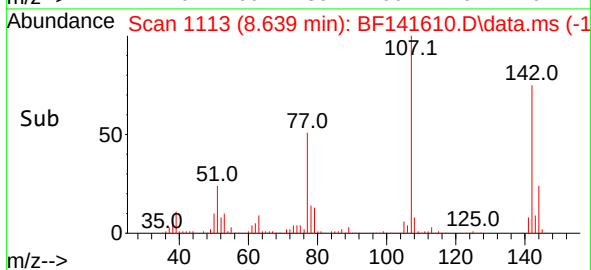
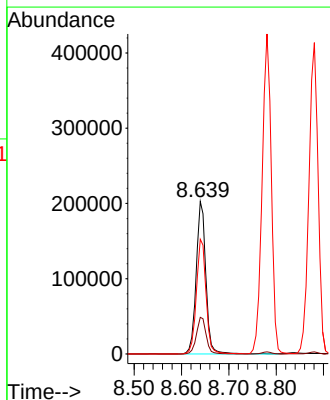
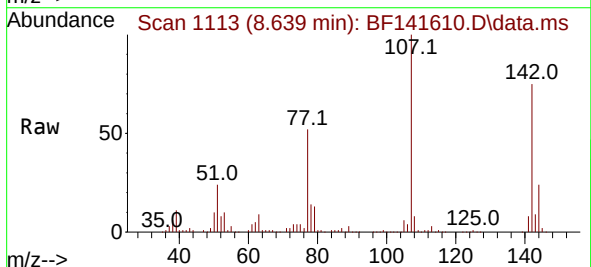
Manual Integrations
APPROVED

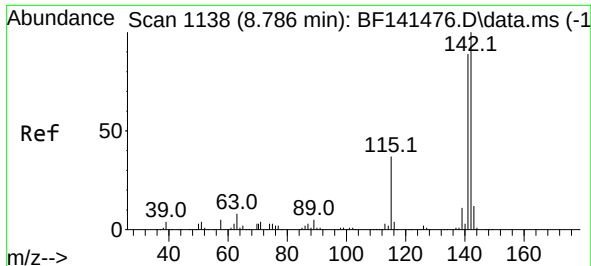
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#36
4-Chloro-3-methylphenol
Concen: 46.628 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

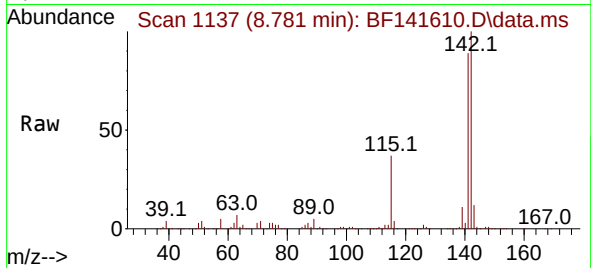
Tgt Ion:107 Resp: 287300
Ion Ratio Lower Upper
107 100
144 24.0 19.7 29.5
142 75.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 44.483 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

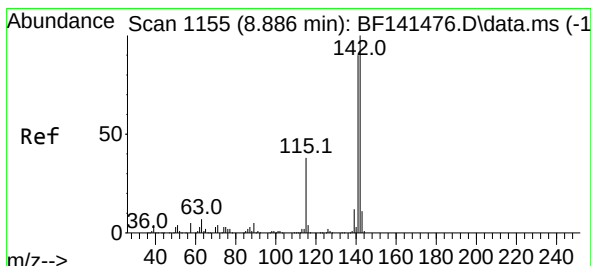
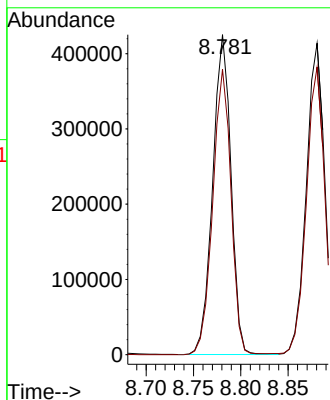
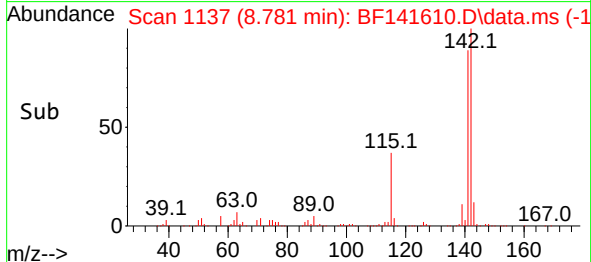
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:142 Resp: 570870
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8

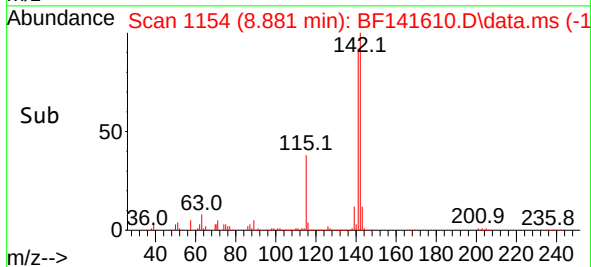
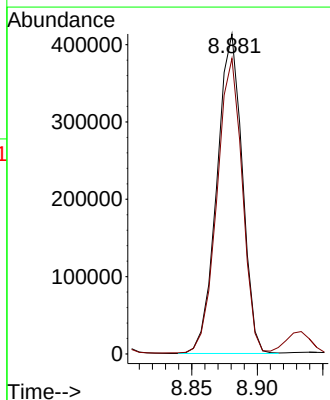
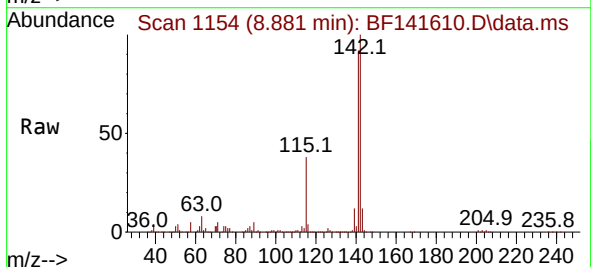
Manual Integrations
APPROVED

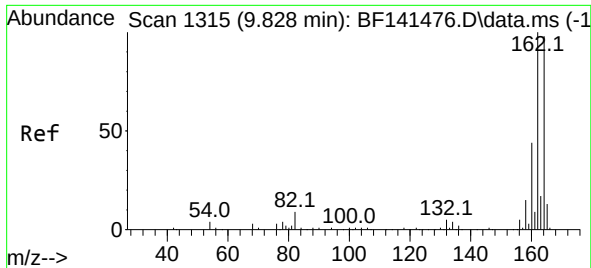
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#38
1-Methylnaphthalene
Concen: 44.715 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

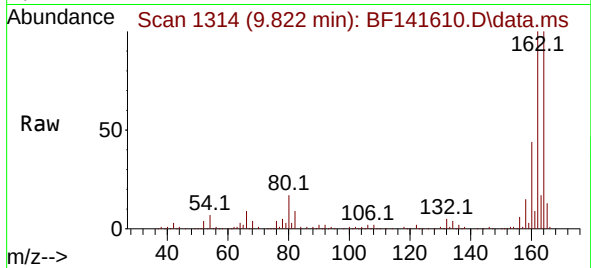
Tgt Ion:142 Resp: 555789
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

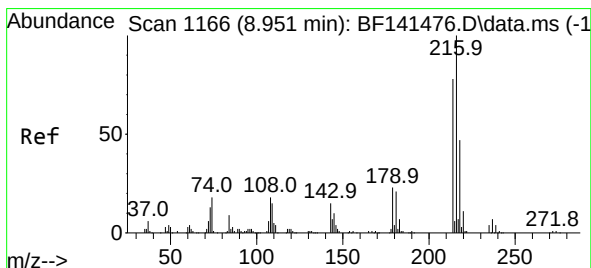
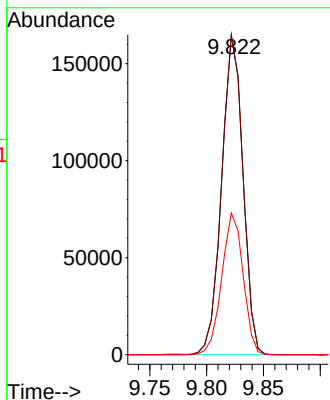
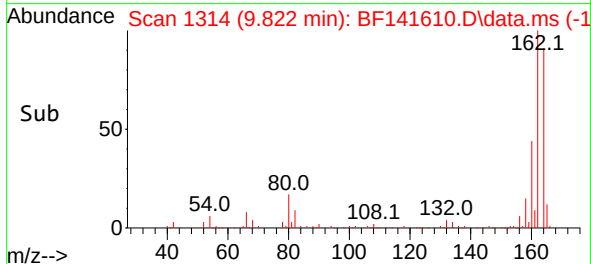
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:164 Resp: 214420
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 44.4 35.9 53.9

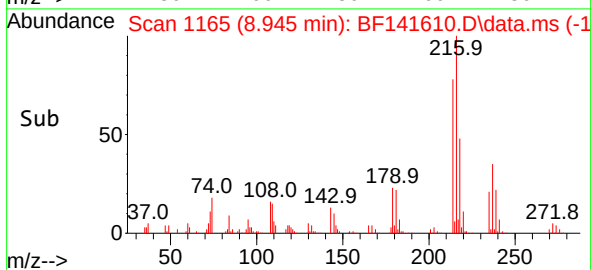
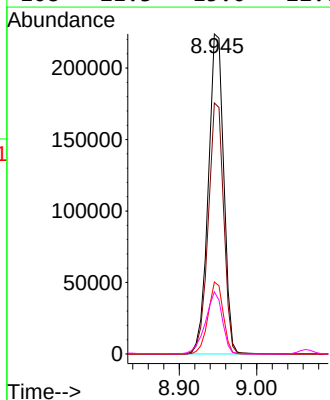
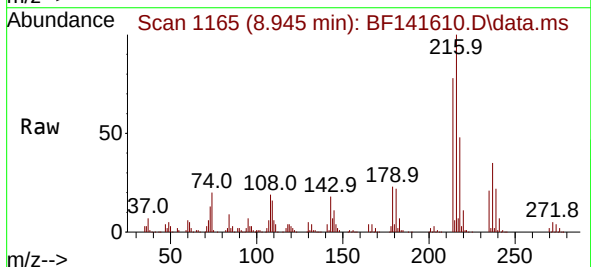
Manual Integrations
APPROVED

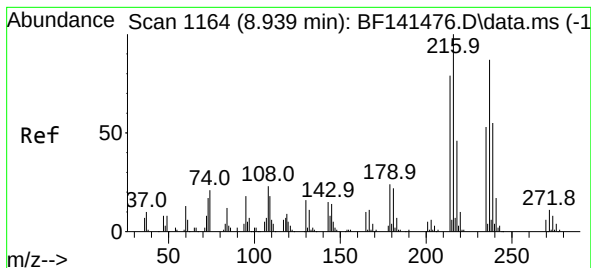
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.957 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion:216 Resp: 309903
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.0 18.0 27.0
108 21.3 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 151.271 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

Tgt Ion:237 Resp: 312120

Ion Ratio Lower Upper

237 100

235 62.6 41.4 81.4

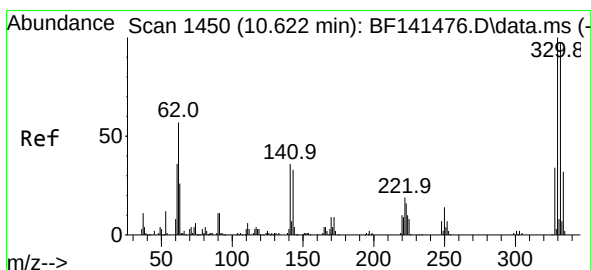
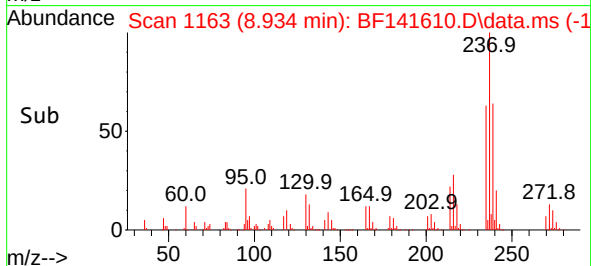
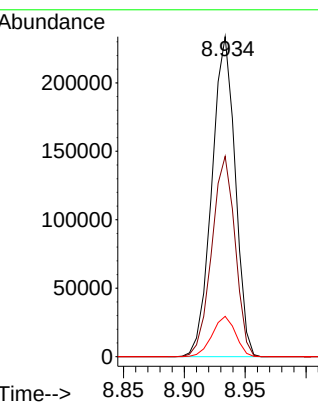
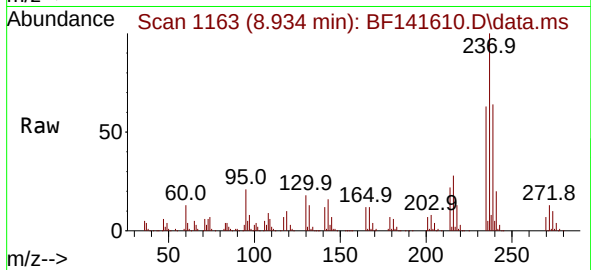
272 12.6 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#42

2,4,6-Tribromophenol

Concen: 98.606 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

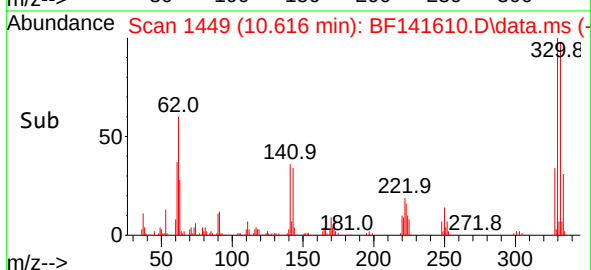
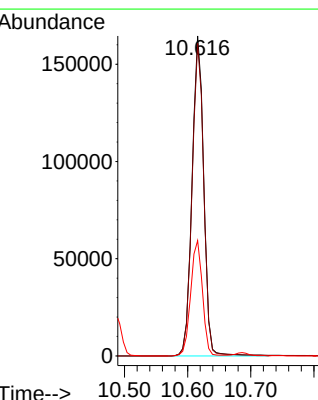
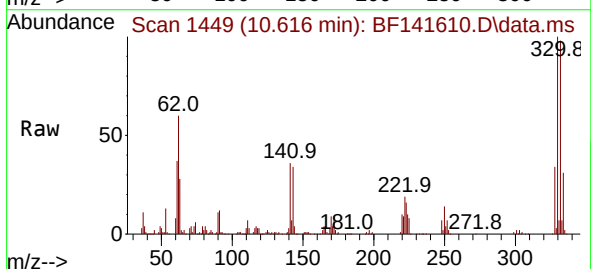
Tgt Ion:330 Resp: 212393

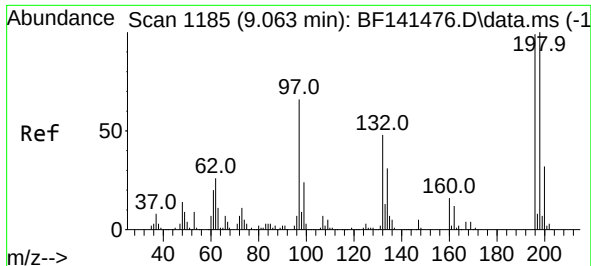
Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

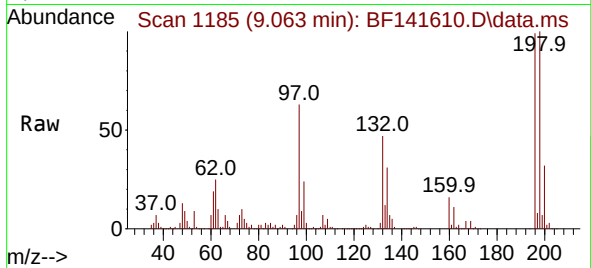
141 36.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 46.148 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

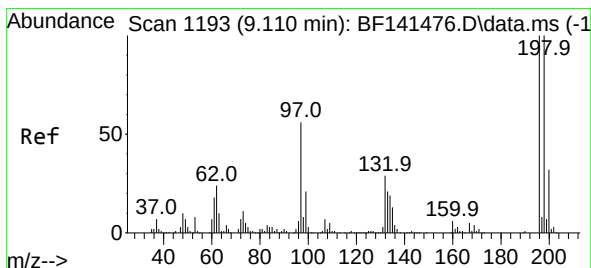
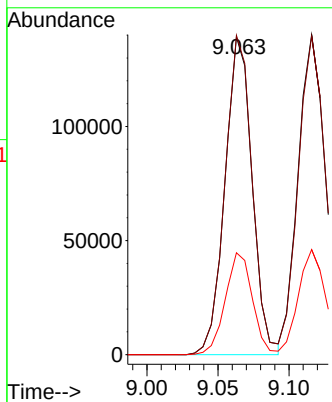
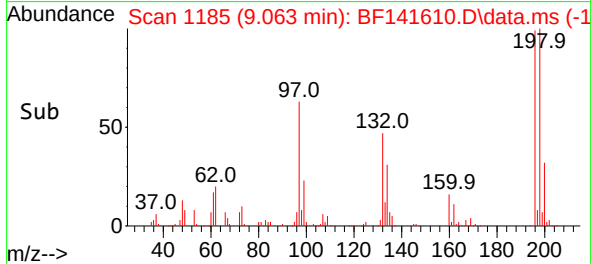
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:196 Resp: 185024
Ion Ratio Lower Upper
196 100
198 100.6 80.6 121.0
200 32.1 25.5 38.3

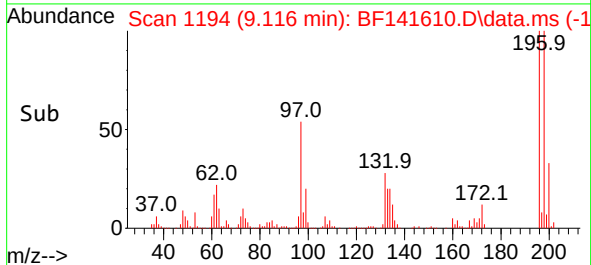
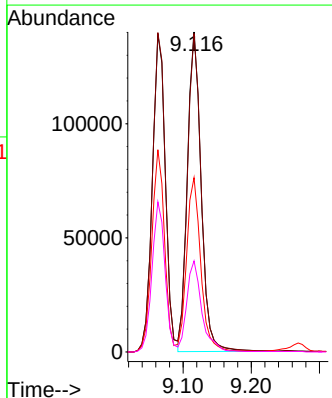
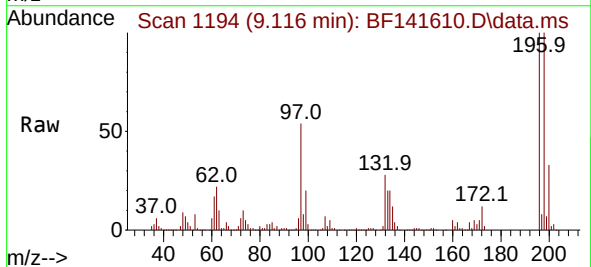
Manual Integrations
APPROVED

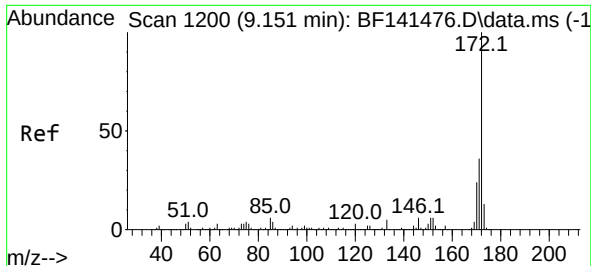
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#44
2,4,5-Trichlorophenol
Concen: 45.047 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

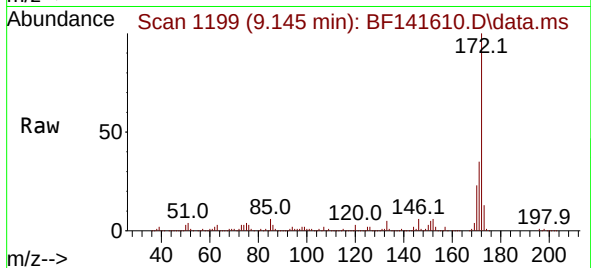
Tgt Ion:196 Resp: 195738
Ion Ratio Lower Upper
196 100
198 99.5 79.8 119.8
97 54.4 44.8 67.2
132 28.4 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 61.668 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

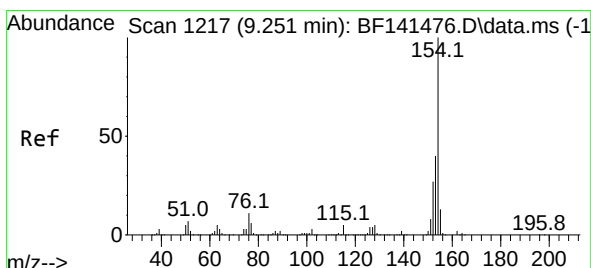
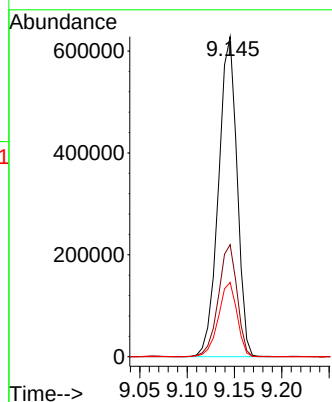
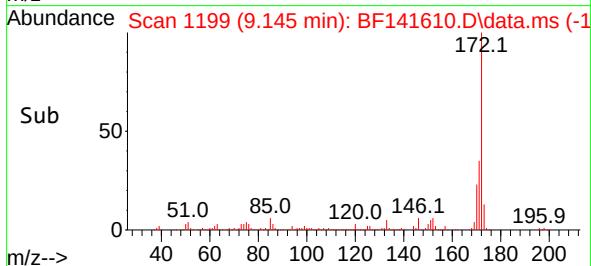
Instrument :
BNA_F
ClientSampleId :
WC-13MS



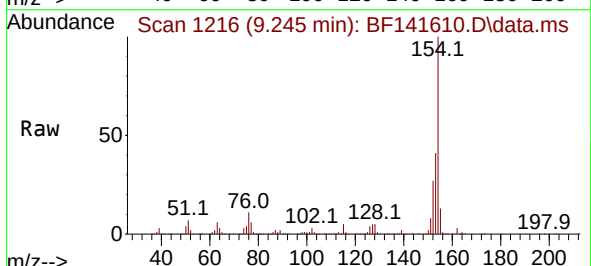
Tgt Ion:172 Resp: 85826
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.2 18.9 28.3

Manual Integrations
APPROVED

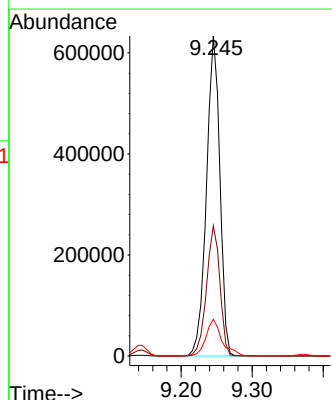
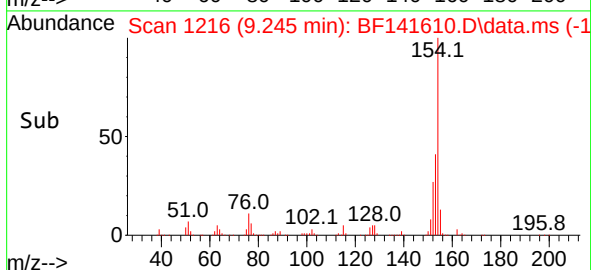
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

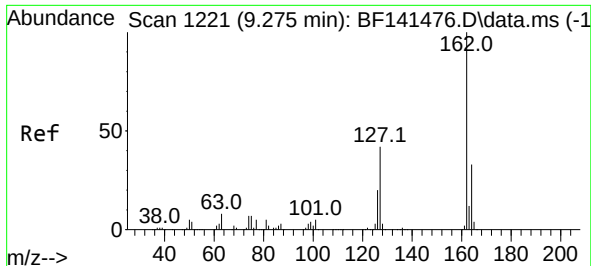


#46
1,1'-Biphenyl
Concen: 50.073 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



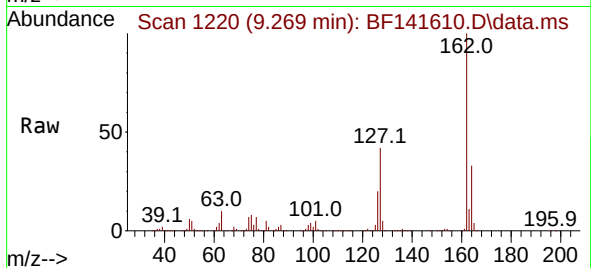
Tgt Ion:154 Resp: 832397
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.4 0.0 30.8





#47
2-Chloronaphthalene
Concen: 45.930 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

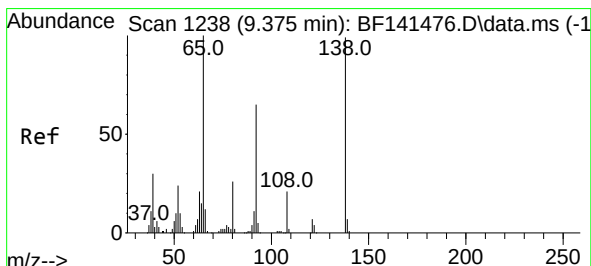
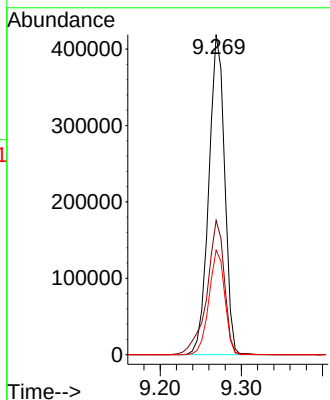
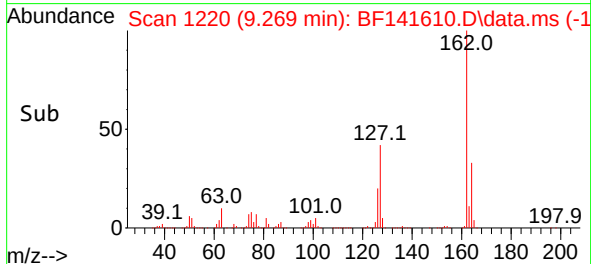
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:162 Resp: 56460
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.6 26.3 39.5

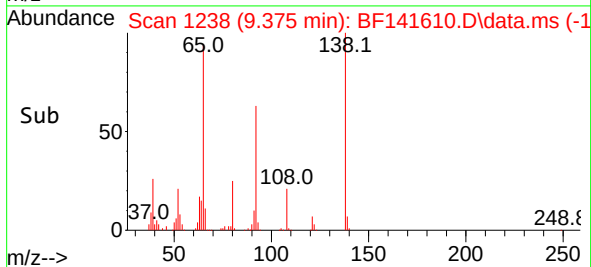
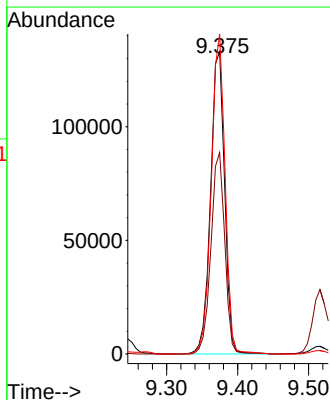
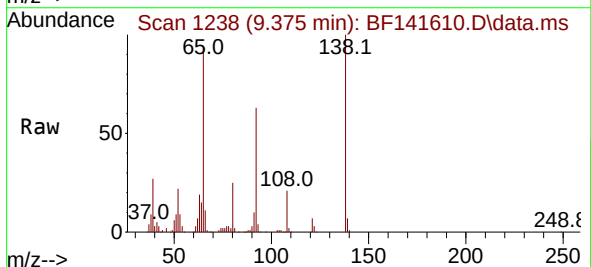
Manual Integrations
APPROVED

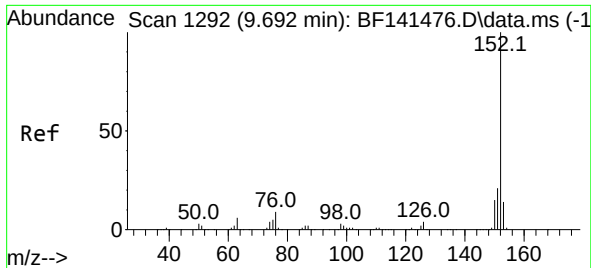
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#48
2-Nitroaniline
Concen: 44.455 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

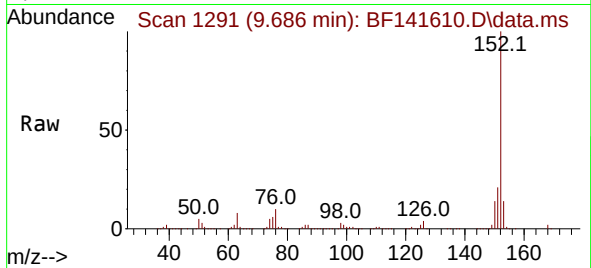
Tgt Ion: 65 Resp: 183396
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.2
138 105.9 79.5 119.3





#49
Acenaphthylene
Concen: 47.112 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

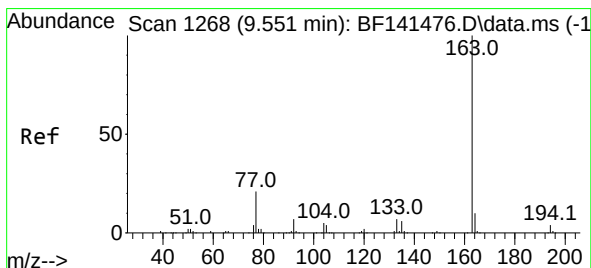
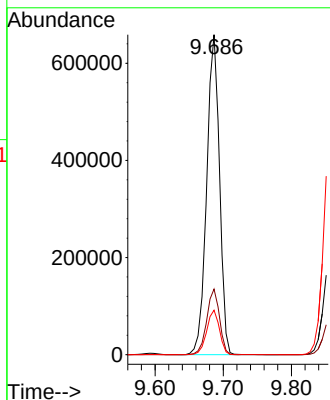
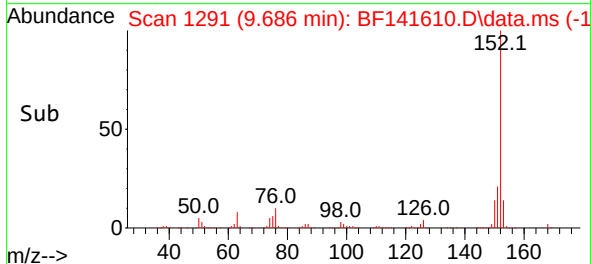
Instrument :
BNA_F
ClientSampleId :
WC-13MS



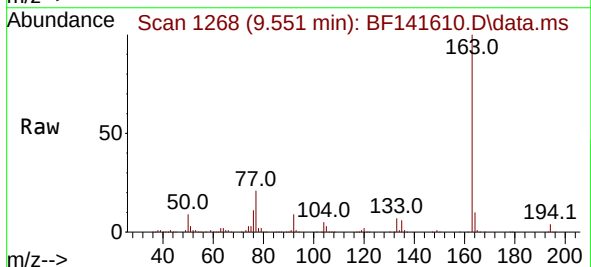
Tgt Ion:152 Resp: 861388
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
APPROVED

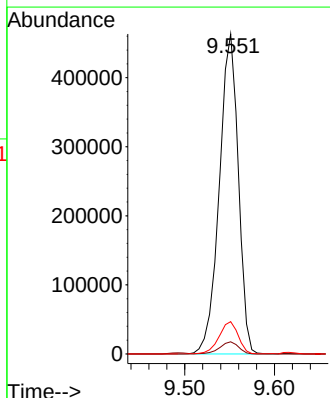
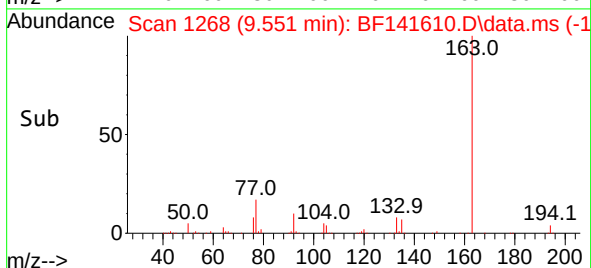
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

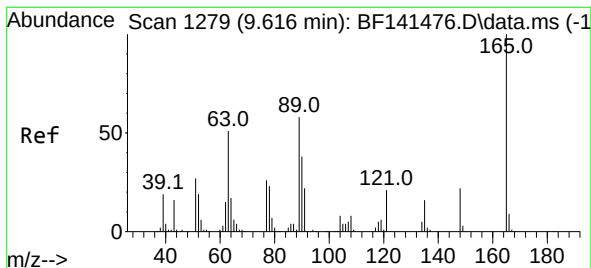


#50
Dimethylphthalate
Concen: 46.780 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:163 Resp: 680951
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





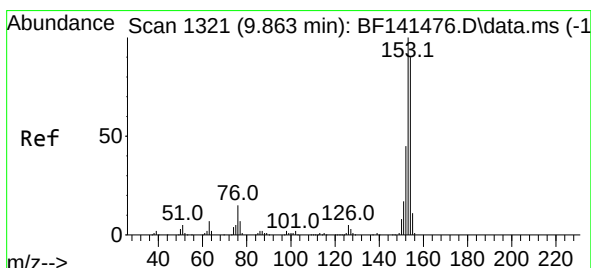
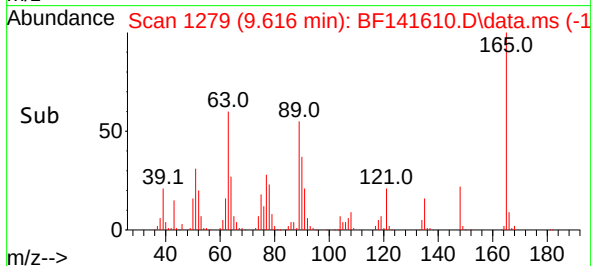
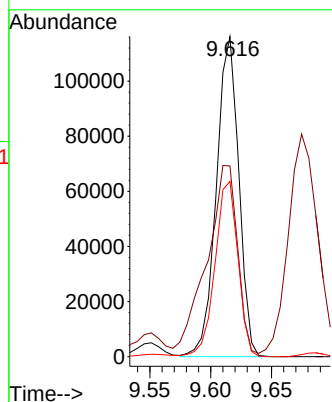
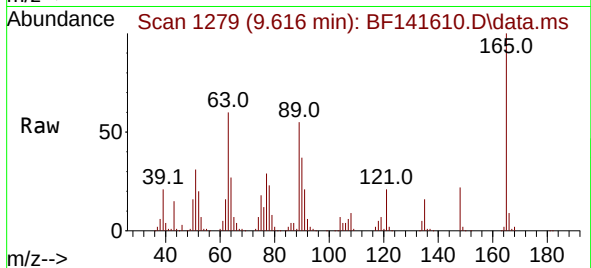
#51
2,6-Dinitrotoluene
Concen: 46.814 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Tgt Ion:165 Resp: 14896
Ion Ratio Lower Upper
165 100
63 59.6 49.4 74.0
89 54.8 46.5 69.7

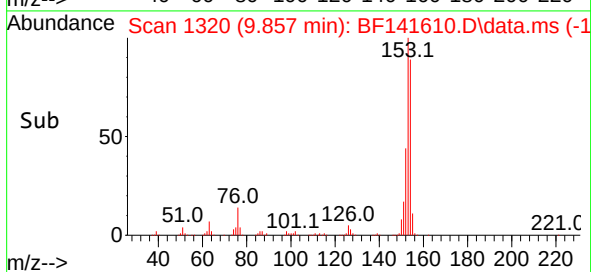
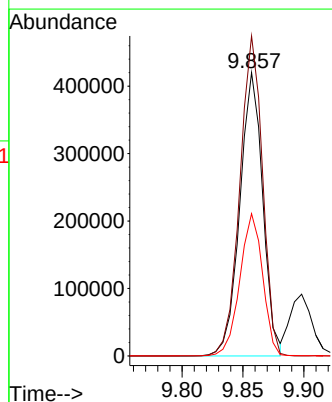
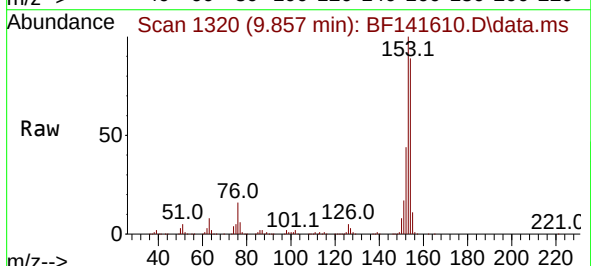
Manual Integrations
APPROVED

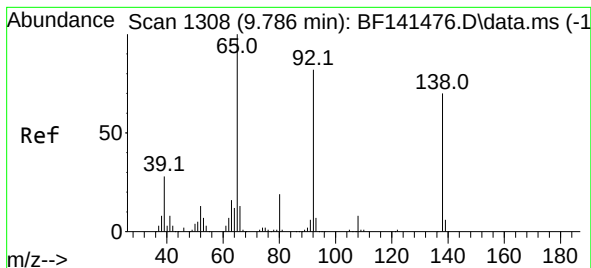
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#52
Acenaphthene
Concen: 44.867 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Tgt Ion:154 Resp: 551505
Ion Ratio Lower Upper
154 100
153 113.0 89.2 133.8
152 50.2 39.8 59.8





#53

3-Nitroaniline

Concen: 20.236 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

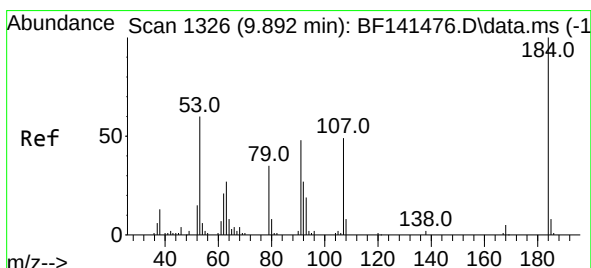
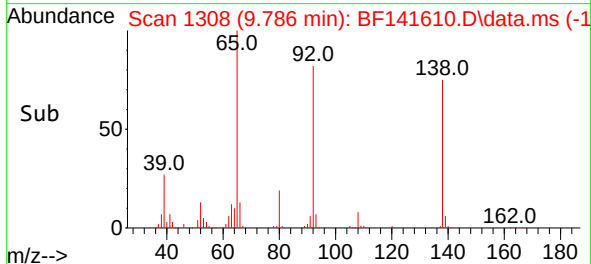
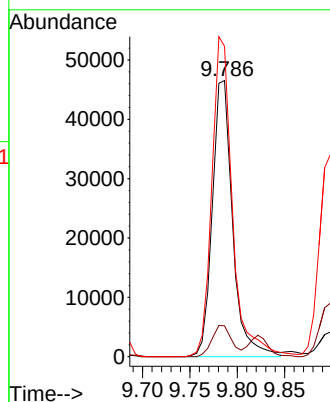
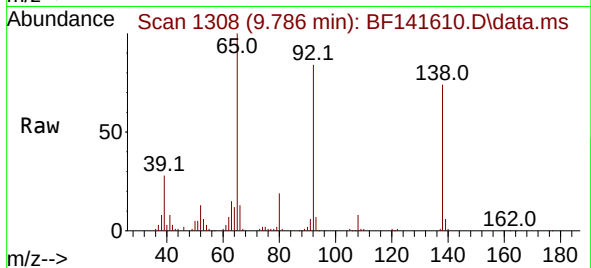
WC-13MS

Tgt Ion:138 Resp: 69300
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.0 13.4
 92 112.4 93.7 140.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025



#54

2,4-Dinitrophenol

Concen: 97.200 ng

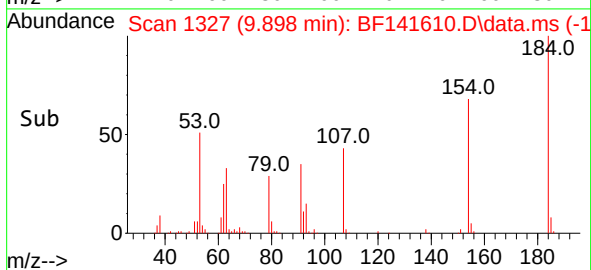
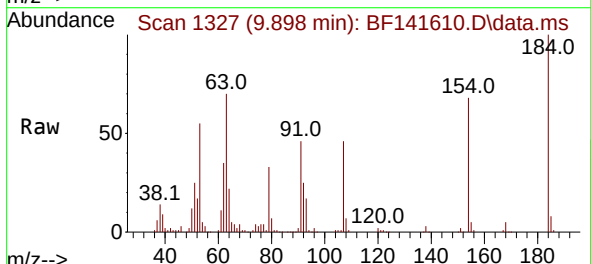
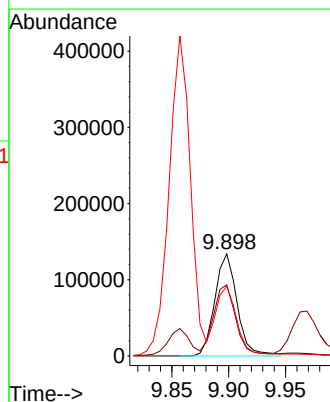
RT: 9.898 min Scan# 1327

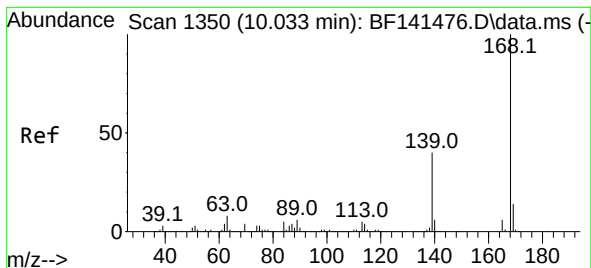
Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

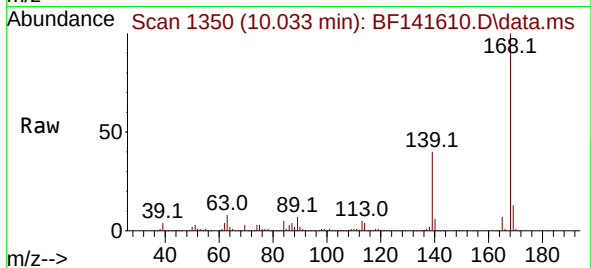
Tgt Ion:184 Resp: 183827
 Ion Ratio Lower Upper
 184 100
 63 69.6 61.0 91.6
 154 68.4 59.9 89.9





#55
Dibenzenofuran
Concen: 43.786 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

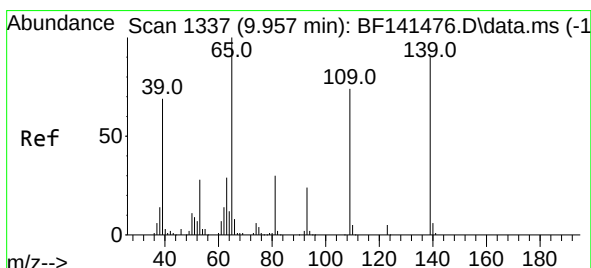
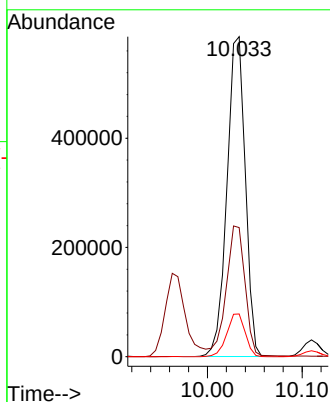
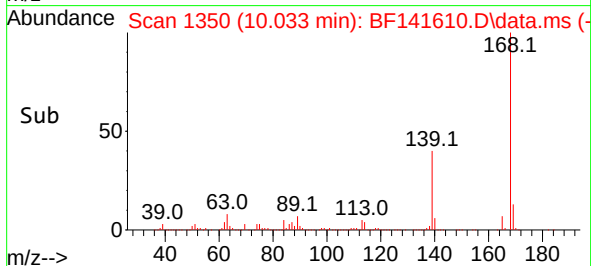
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:168 Resp: 790000
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.3 10.8 16.2

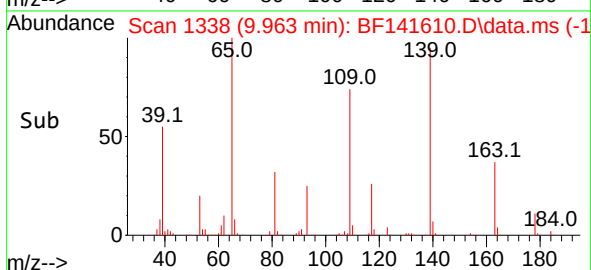
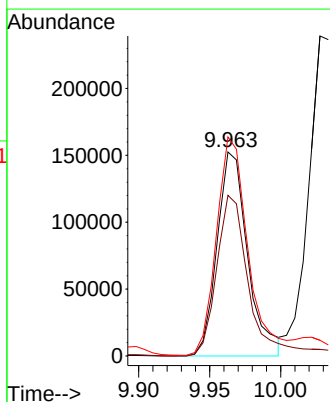
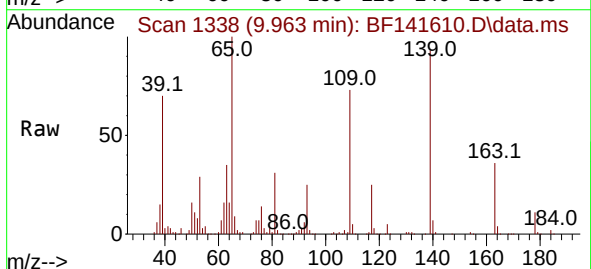
Manual Integrations
APPROVED

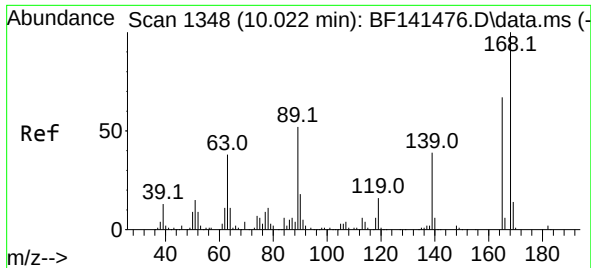
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#56
4-Nitrophenol
Concen: 89.810 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

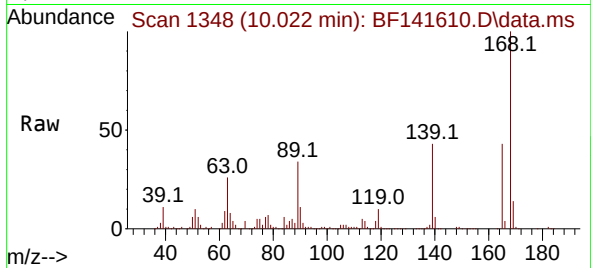
Tgt Ion:139 Resp: 228337
Ion Ratio Lower Upper
139 100
109 78.7 62.0 102.0
65 107.4 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 47.913 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

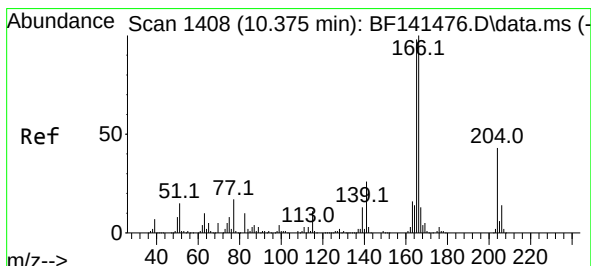
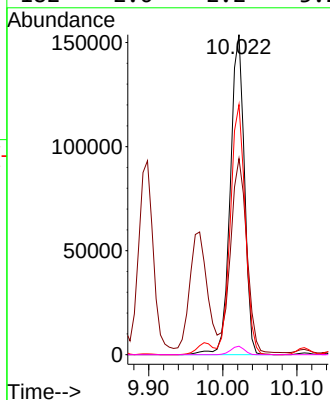
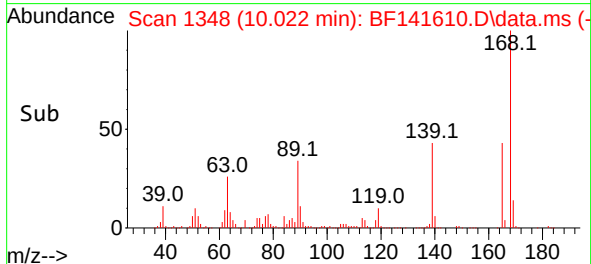
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:165 Resp: 202969
Ion Ratio Lower Upper
165 100
63 61.3 46.4 69.6
89 78.1 61.8 92.6
182 2.6 2.2 3.2

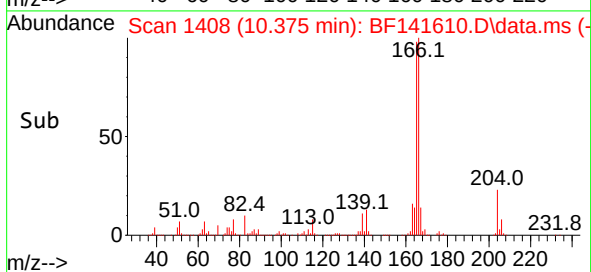
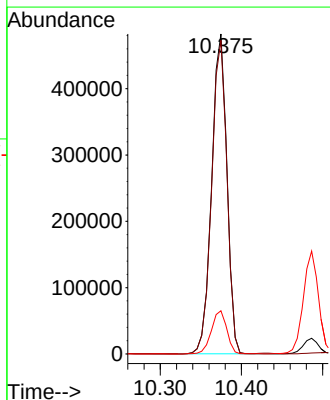
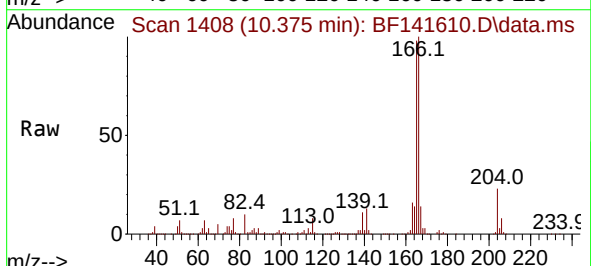
Manual Integrations
APPROVED

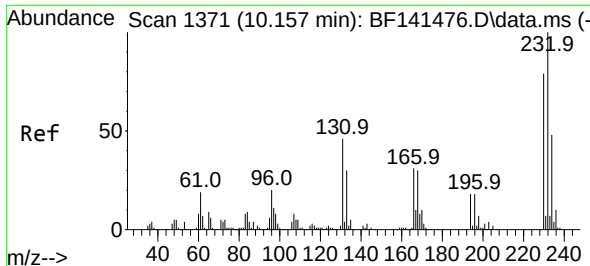
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#58
Fluorene
Concen: 45.042 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

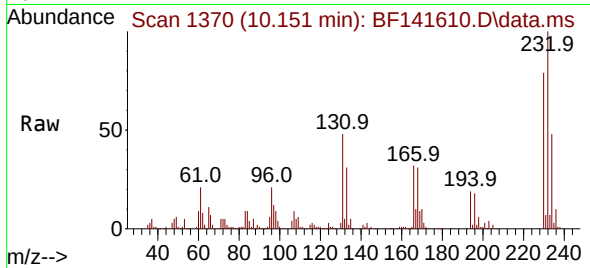
Tgt Ion:166 Resp: 628363
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.530 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

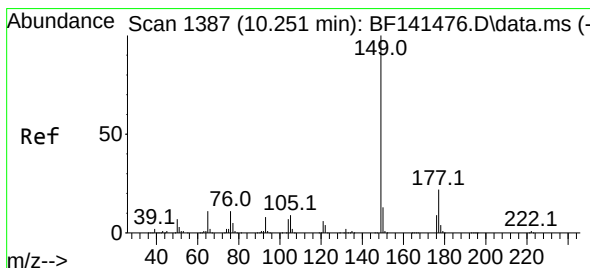
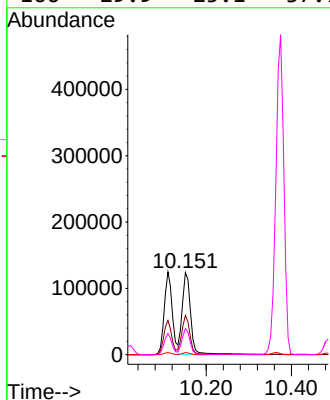
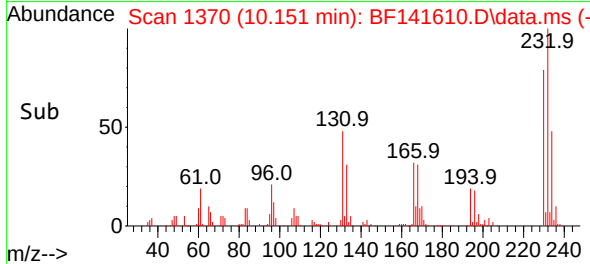
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:232 Resp: 170329
Ion Ratio Lower Upper
232 100
131 45.2 39.2 58.8
130 2.3 2.1 3.1
166 29.9 25.1 37.7

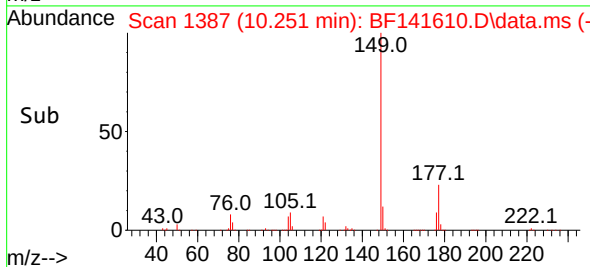
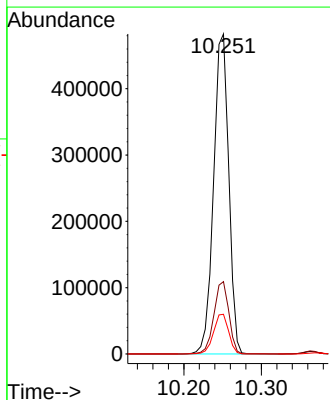
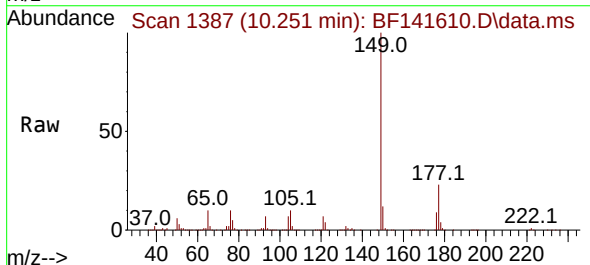
Manual Integrations
APPROVED

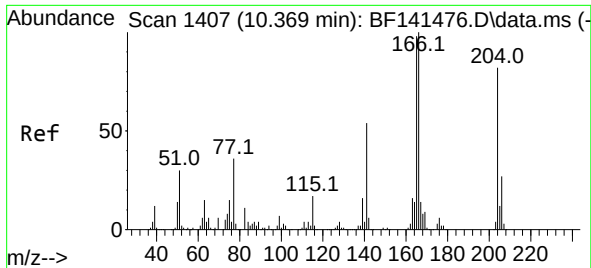
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#60
Diethylphthalate
Concen: 45.696 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

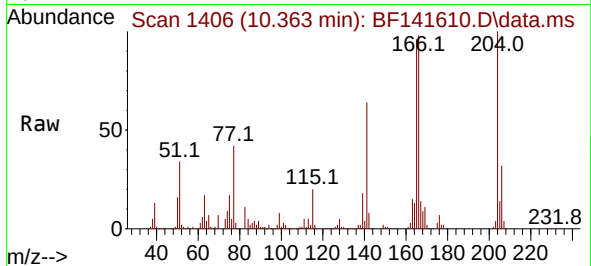
Tgt Ion:149 Resp: 654453
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.148 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

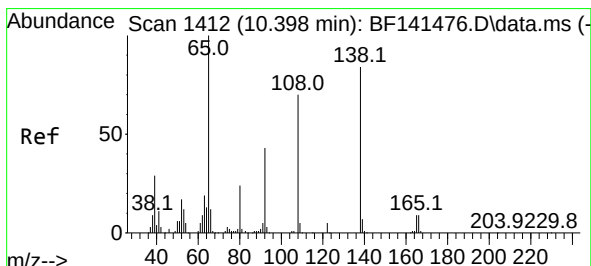
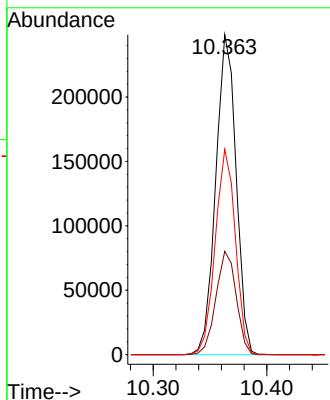
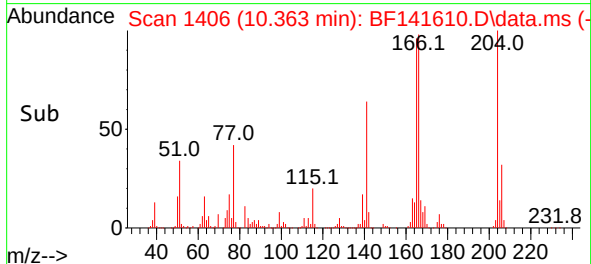
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:204 Resp: 309714
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.2 51.9 77.9

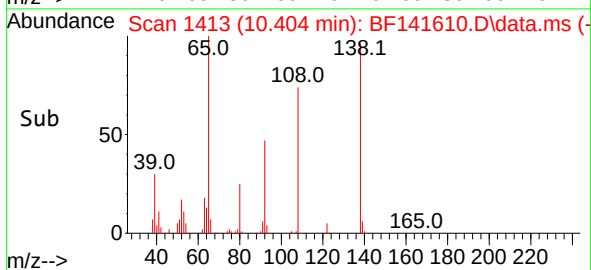
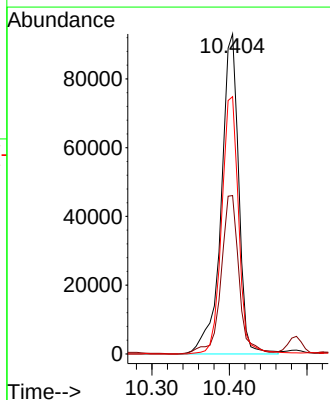
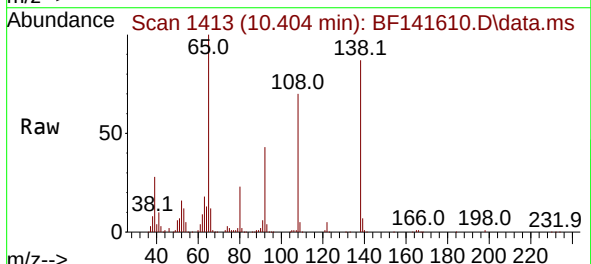
Manual Integrations
APPROVED

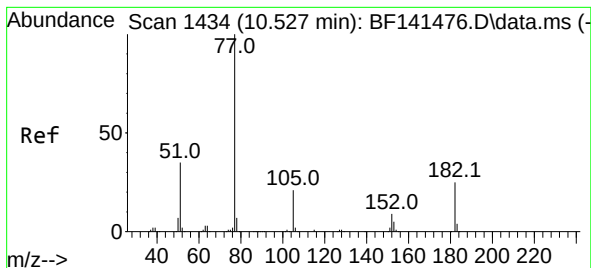
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#62
4-Nitroaniline
Concen: 42.013 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

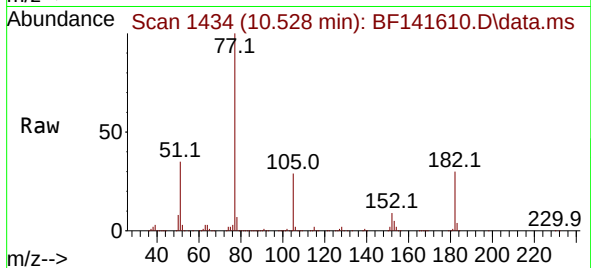
Tgt Ion:138 Resp: 146108
Ion Ratio Lower Upper
138 100
92 49.5 31.3 71.3
108 80.4 63.7 103.7





#63
Azobenzene
Concen: 52.450 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

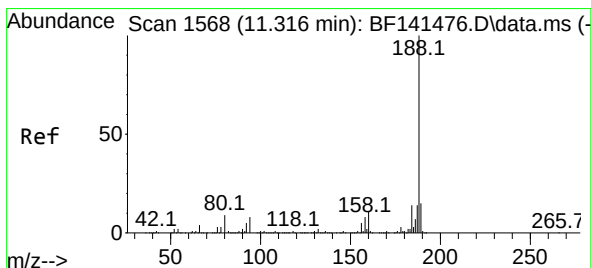
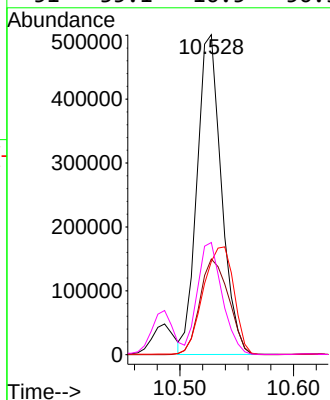
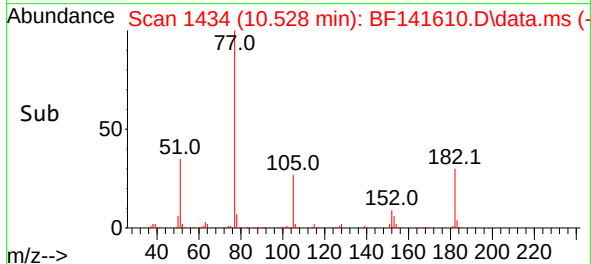
Instrument :
BNA_F
ClientSampleId :
WC-13MS



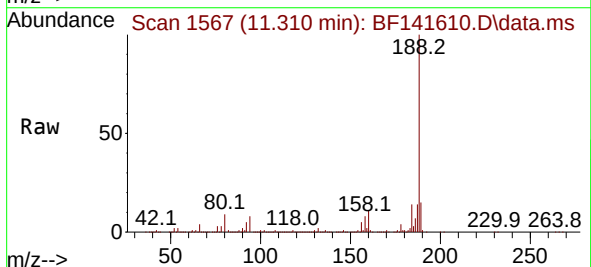
Tgt Ion: 77 Resp: 746777
Ion Ratio Lower Upper
77 100
182 29.9 4.7 44.7
105 29.1 0.4 40.4
51 35.1 16.5 56.5

Manual Integrations
APPROVED

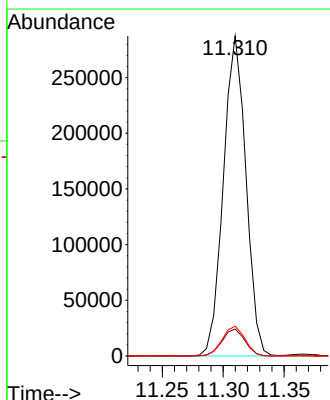
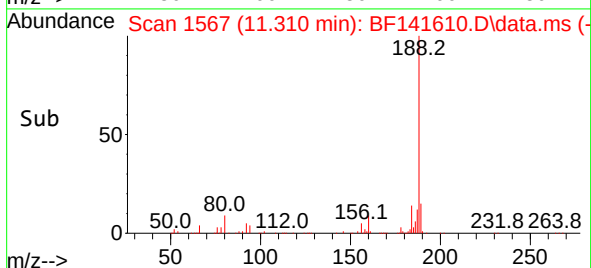
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

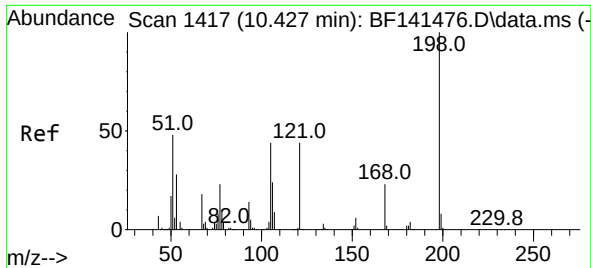


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:188 Resp: 370658
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.3 10.9





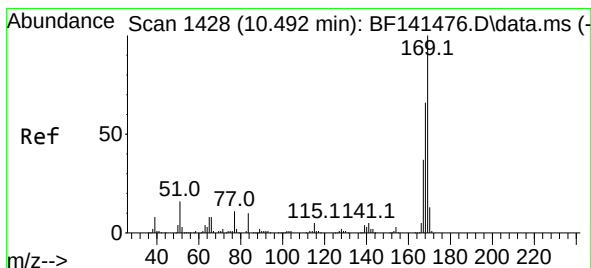
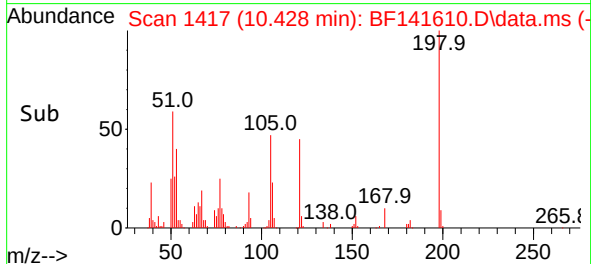
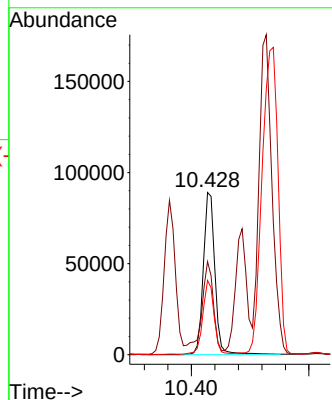
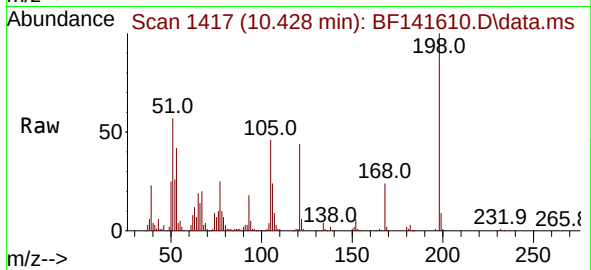
#65
4,6-Dinitro-2-methylphenol
Concen: 47.257 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

Instrument :
BNA_F
ClientSampleId :
WC-13MS

Tgt Ion:198 Resp: 121670
Ion Ratio Lower Upper
198 100
51 57.4 37.4 77.4
105 45.8 25.2 65.2

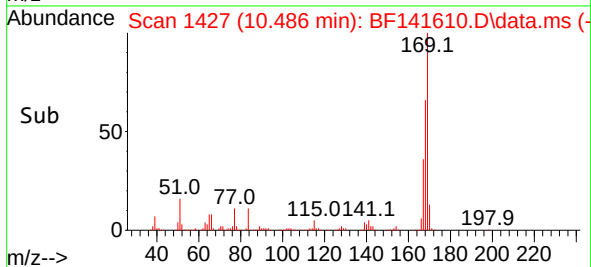
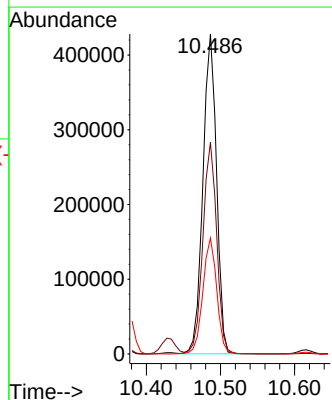
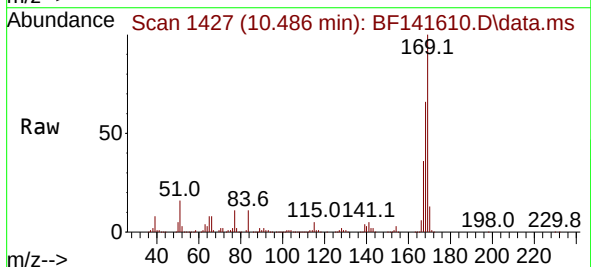
Manual Integrations
APPROVED

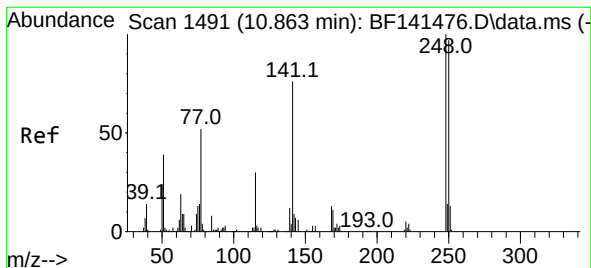
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#66
n-Nitrosodiphenylamine
Concen: 45.974 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

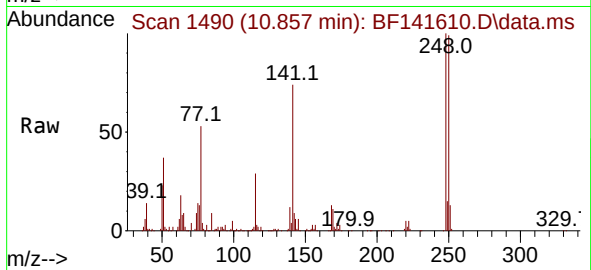
Tgt Ion:169 Resp: 545490
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 47.083 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

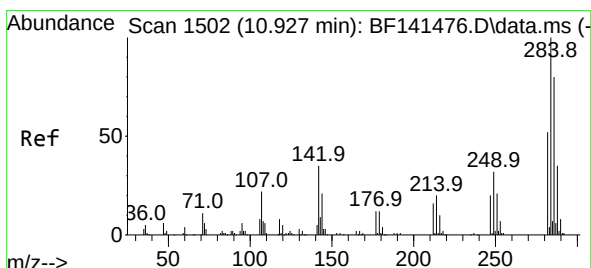
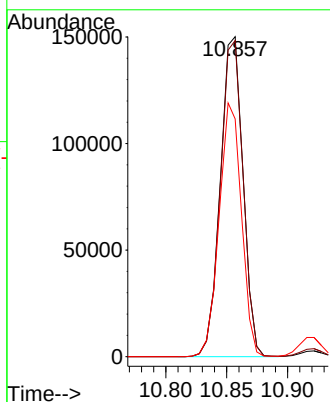
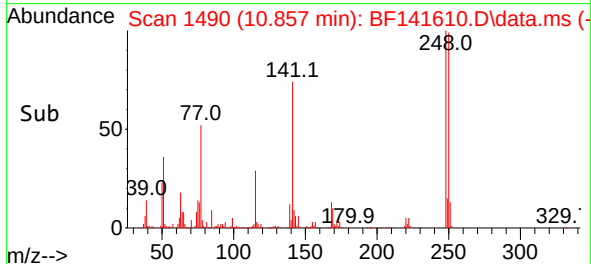
Instrument :
BNA_F
ClientSampleId :
WC-13MS



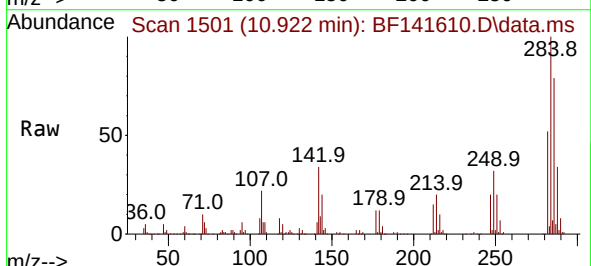
Tgt Ion:248 Resp: 195040
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.6
141 74.3 60.6 90.8

Manual Integrations
APPROVED

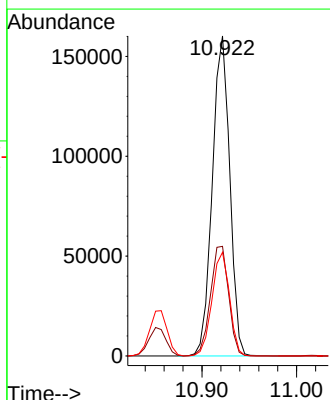
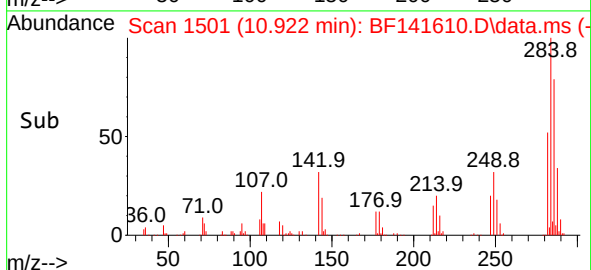
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

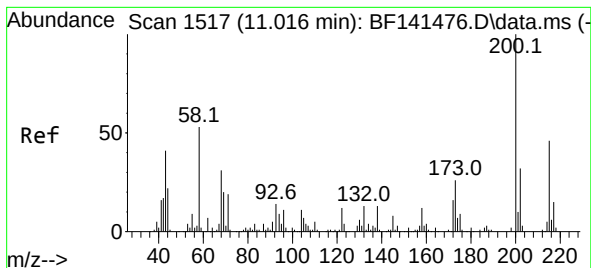


#68
Hexachlorobenzene
Concen: 47.937 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:284 Resp: 204487
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 32.4 25.8 38.8





#69

Atrazine

Concen: 57.908 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141610.D

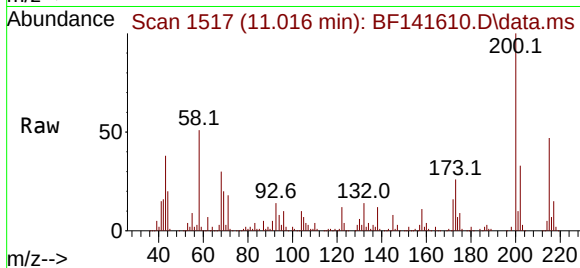
Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS



Tgt Ion:200 Resp: 206125

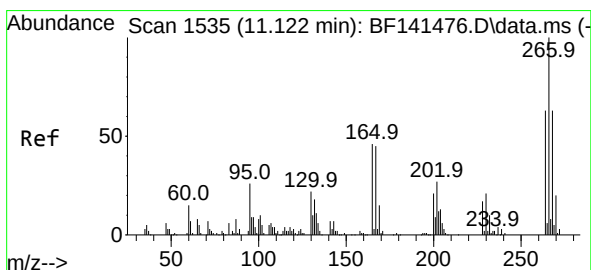
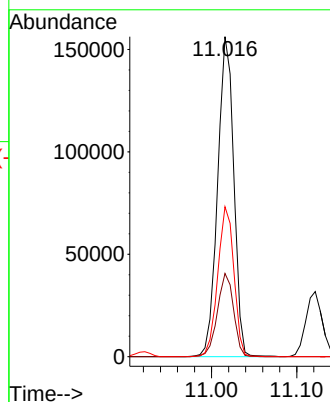
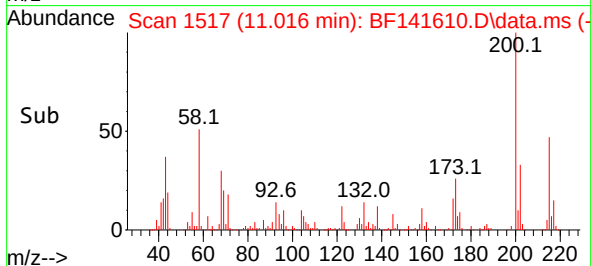
Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.9	45.9
215	46.9	25.9	65.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#70

Pentachlorophenol

Concen: 83.825 ng

RT: 11.122 min Scan# 1535

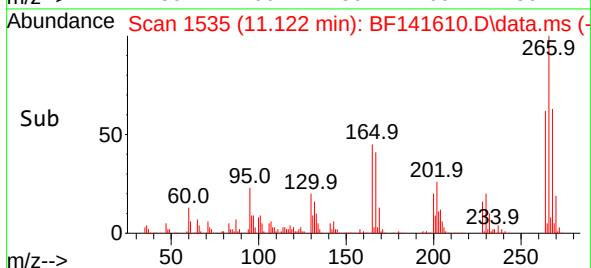
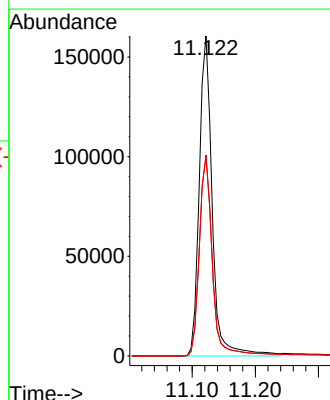
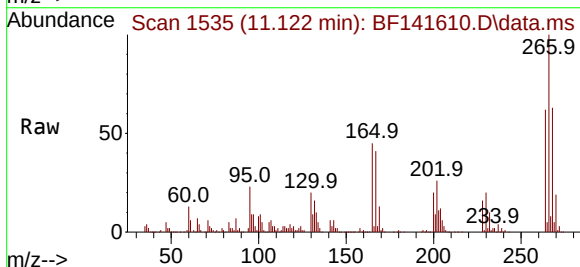
Delta R.T. -0.006 min

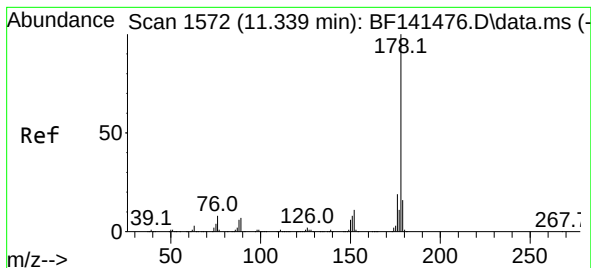
Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Tgt Ion:266 Resp: 228642

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.1	75.1
264	62.4	50.1	75.1





#71

Phenanthrene

Concen: 48.853 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

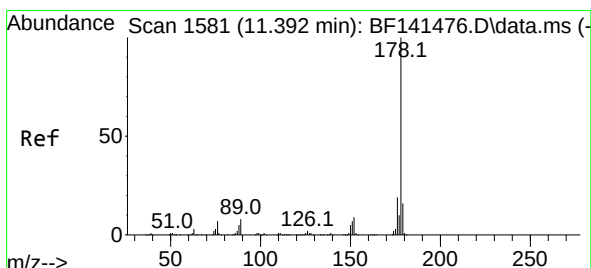
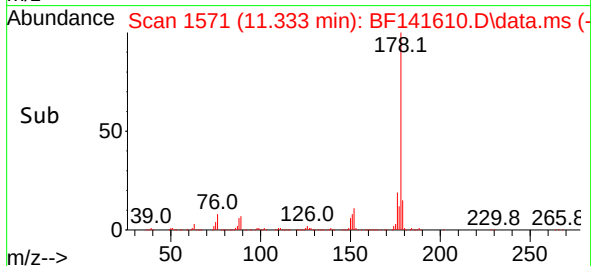
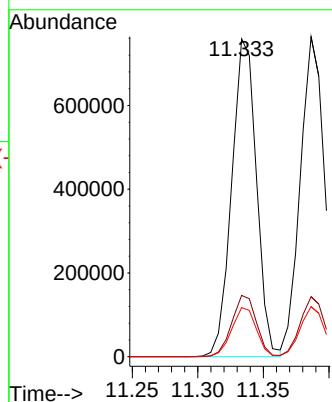
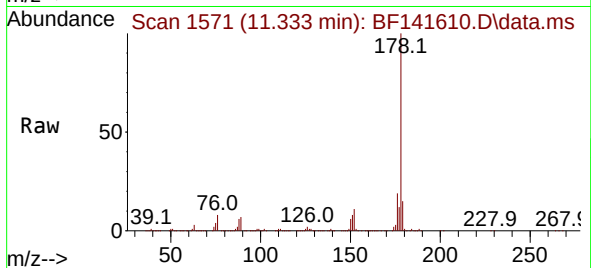
WC-13MS

Tgt Ion:178 Resp: 996758
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025



#72

Anthracene

Concen: 47.508 ng

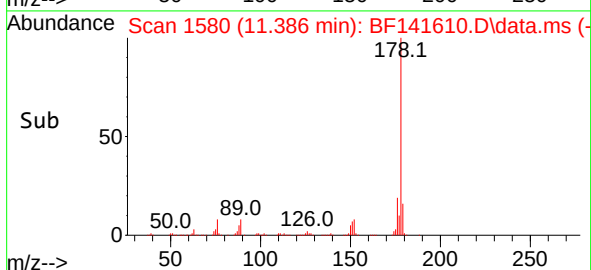
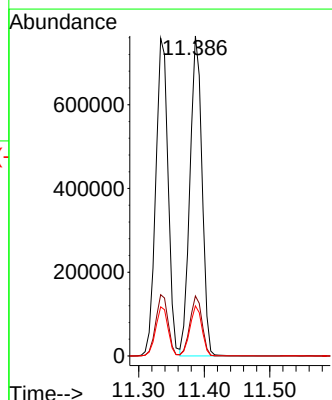
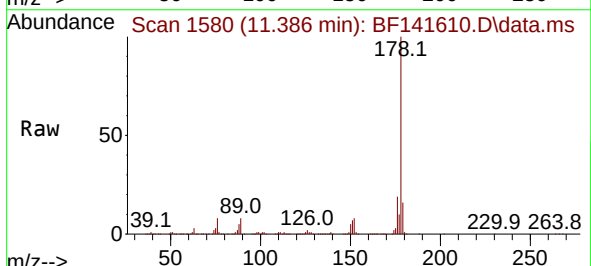
RT: 11.386 min Scan# 1580

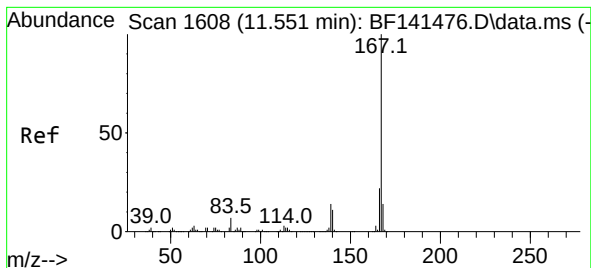
Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Tgt Ion:178 Resp: 974400
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.449 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

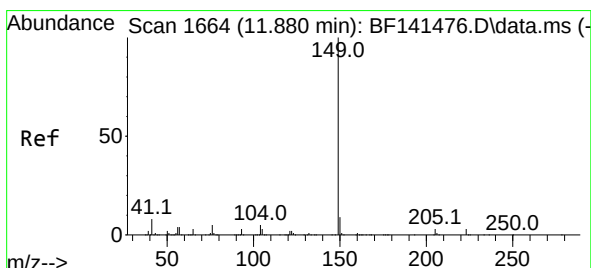
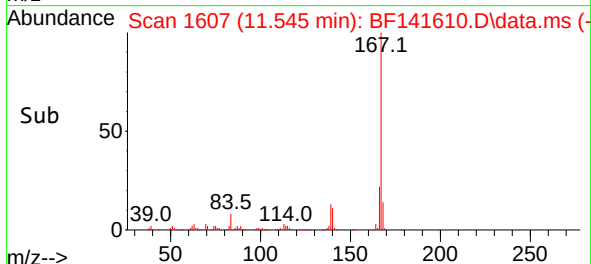
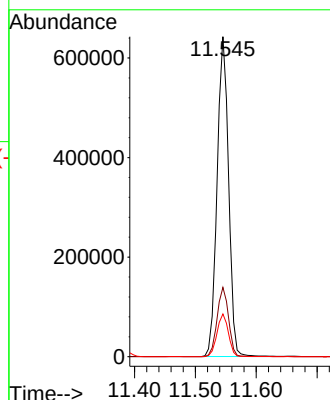
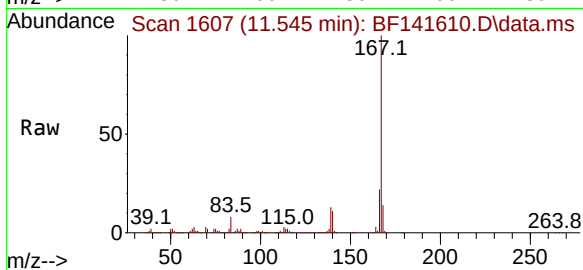
WC-13MS

Tgt Ion:167	Resp: 83874
Ion Ratio	Lower Upper
167 100	
166 21.7	17.4 26.2
139 13.3	10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#74

Di-n-butylphthalate

Concen: 48.953 ng

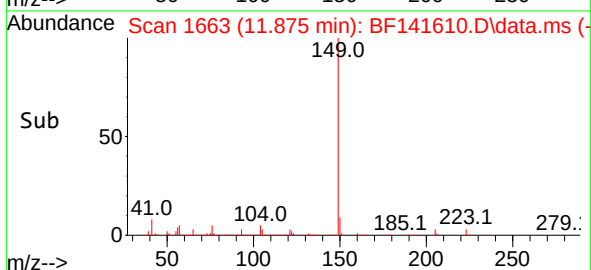
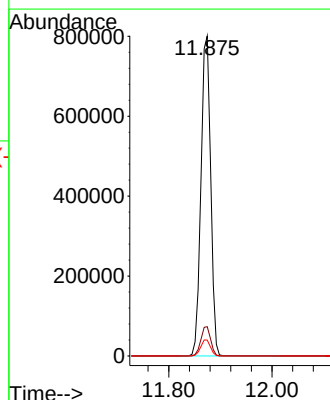
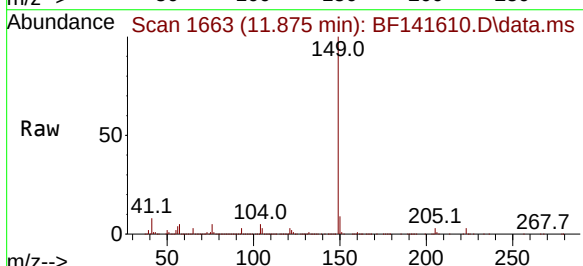
RT: 11.875 min Scan# 1663

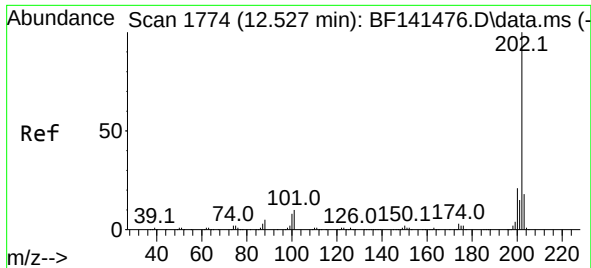
Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

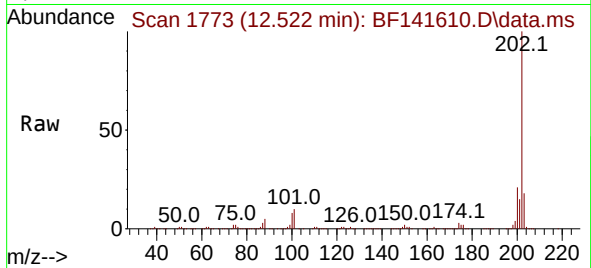
Tgt Ion:149	Resp: 1043143
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.0	4.2 6.2





#75
Fluoranthene
Concen: 47.721 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

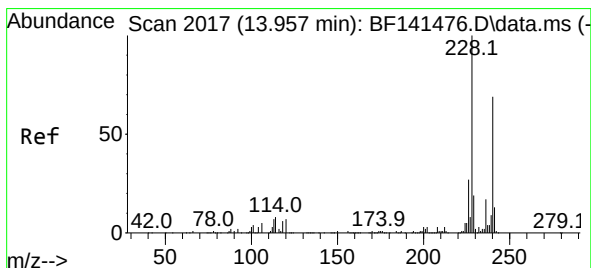
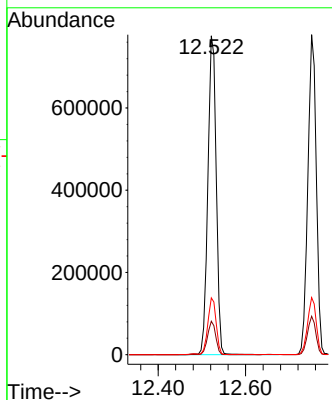
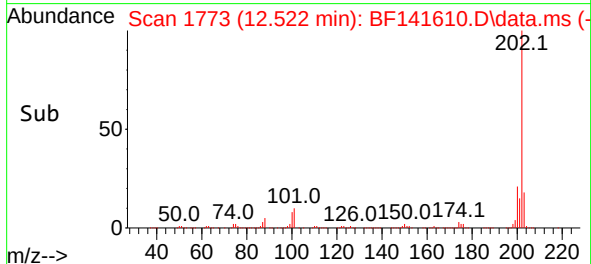
Instrument :
BNA_F
ClientSampleId :
WC-13MS



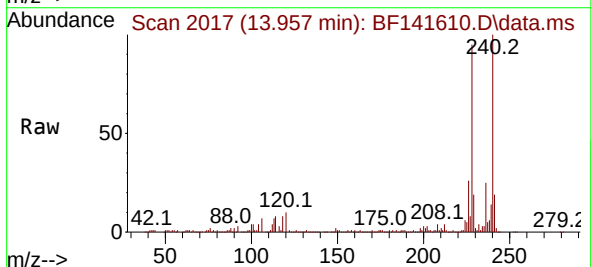
Tgt Ion:202 Resp: 103226
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.8 0.0 37.6

Manual Integrations
APPROVED

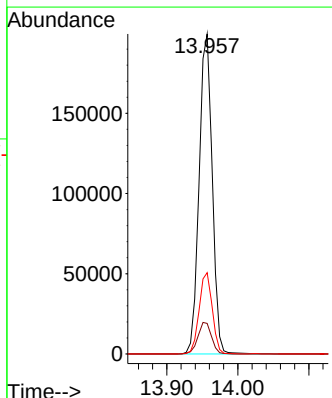
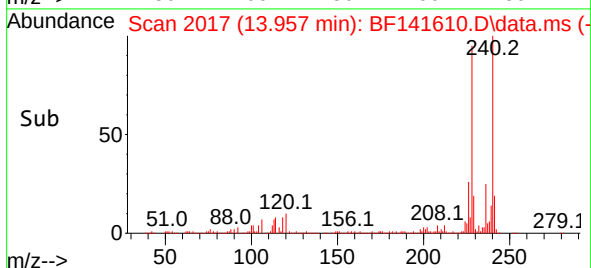
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

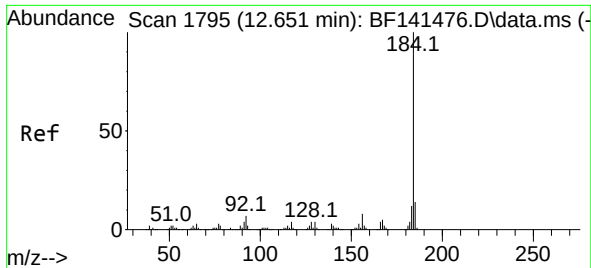


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



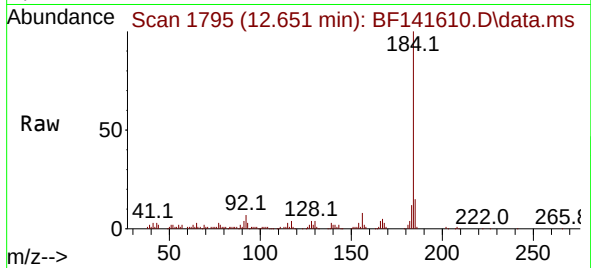
Tgt Ion:240 Resp: 256669
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.4 19.8 29.8





#77
Benzidine
Concen: 22.166 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

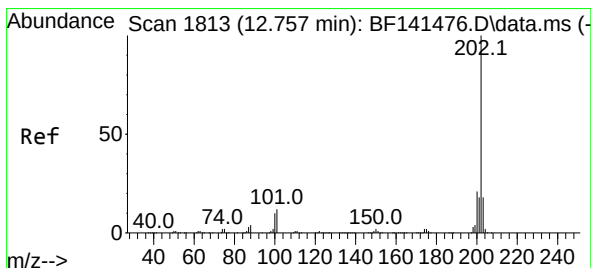
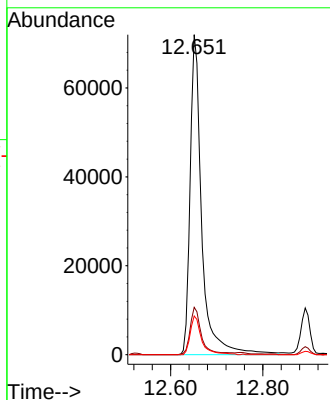
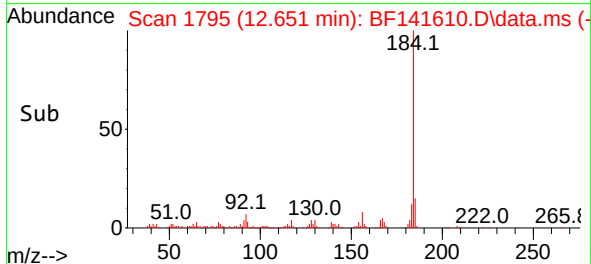
Instrument :
BNA_F
ClientSampleId :
WC-13MS



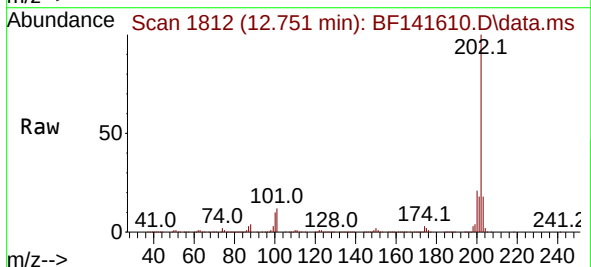
Tgt Ion:184 Resp: 12547
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 12.1 9.3 13.9

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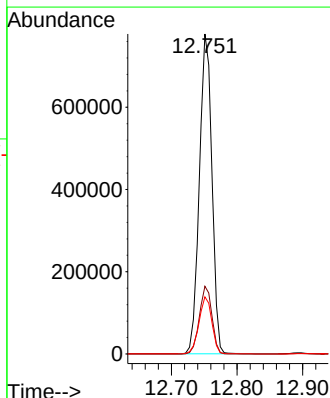
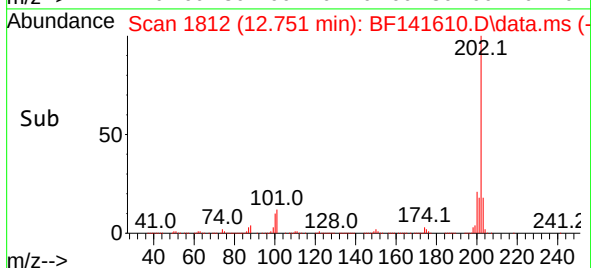
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

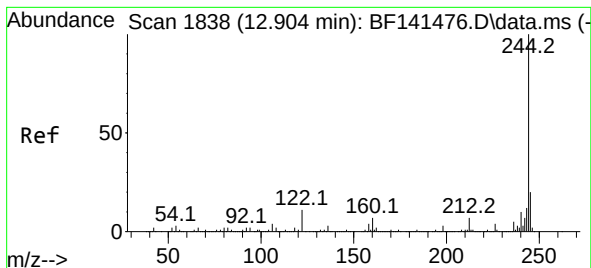


#78
Pyrene
Concen: 47.540 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:202 Resp: 1038726
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 65.136 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

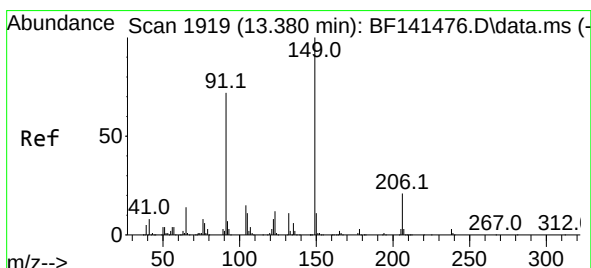
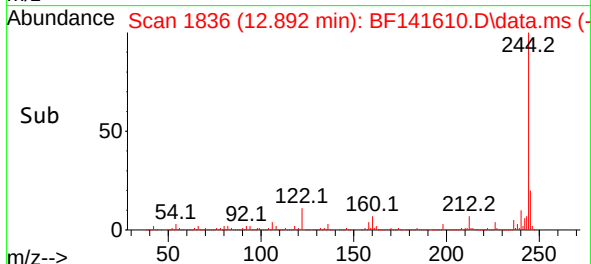
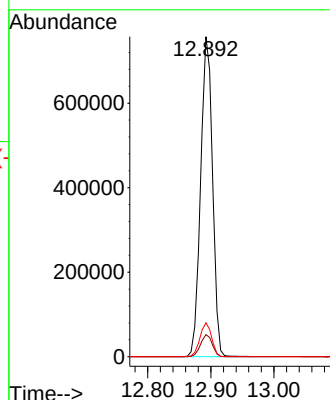
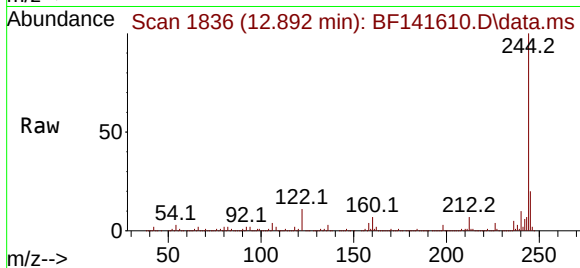
WC-13MS

Tgt Ion:244 Resp: 990319
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025
 Supervised By :mohammad ahmed 02/15/2025



#80

Butylbenzylphthalate

Concen: 54.180 ng

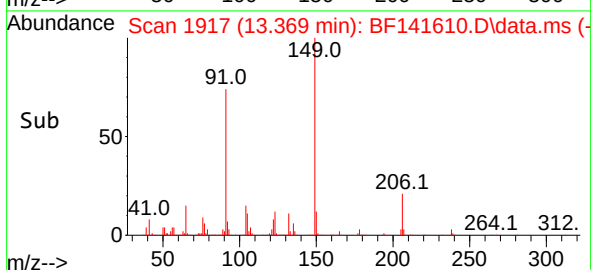
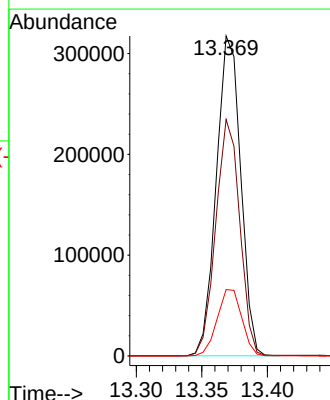
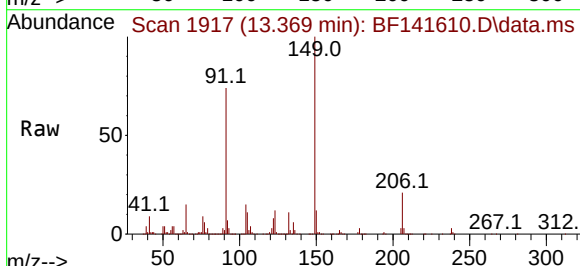
RT: 13.369 min Scan# 1917

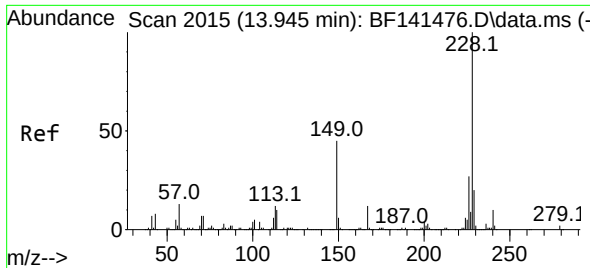
Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

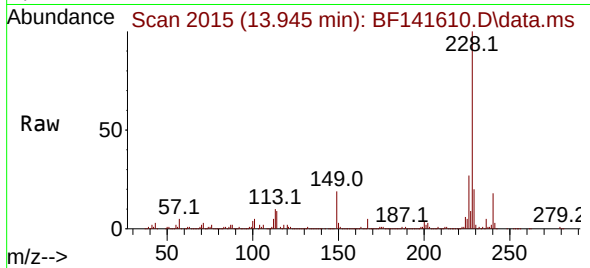
Tgt Ion:149 Resp: 410037
 Ion Ratio Lower Upper
 149 100
 91 73.9 57.8 86.8
 206 20.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.910 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

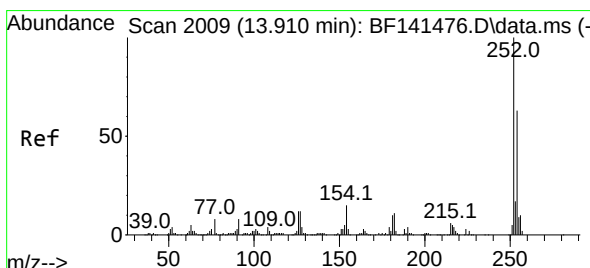
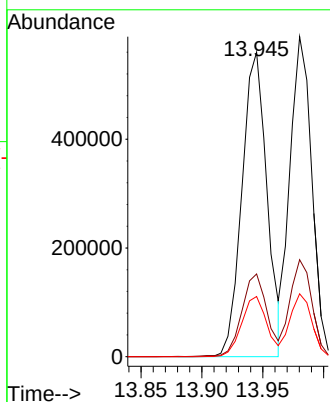
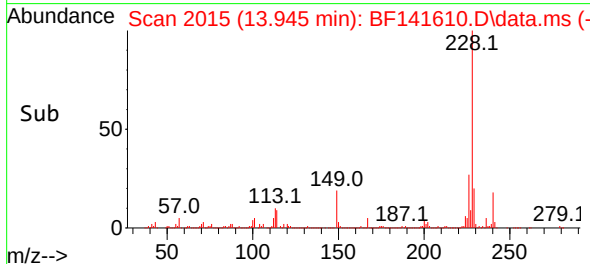
Instrument :
BNA_F
ClientSampleId :
WC-13MS



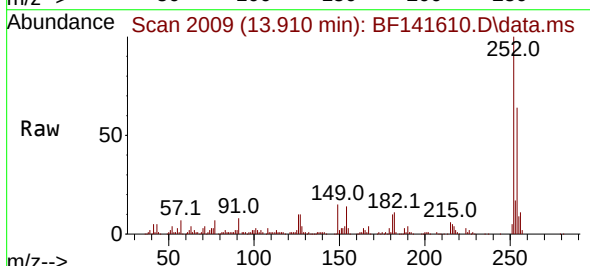
Tgt Ion:228 Resp: 800362
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.6

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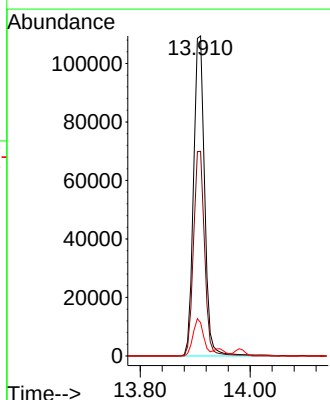
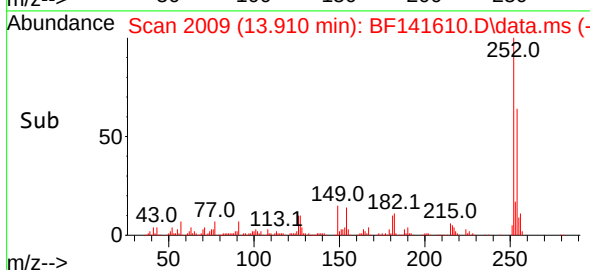
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

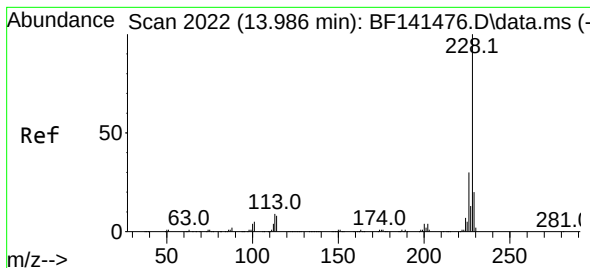


#82
3,3'-Dichlorobenzidine
Concen: 31.231 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:252 Resp: 152640
Ion Ratio Lower Upper
252 100
254 63.9 50.6 76.0
126 10.4 9.3 13.9





#83

Chrysene

Concen: 46.487 ng

RT: 13.980 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

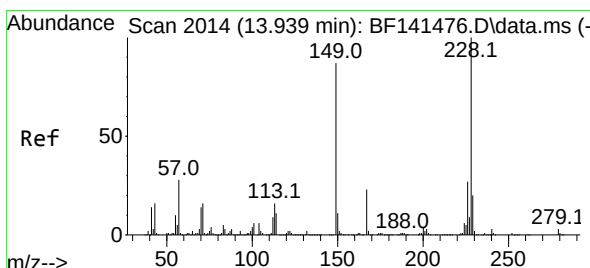
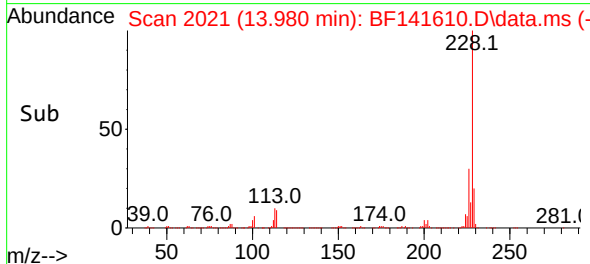
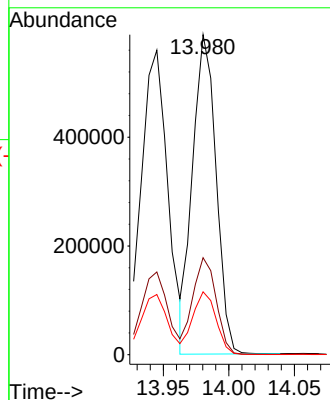
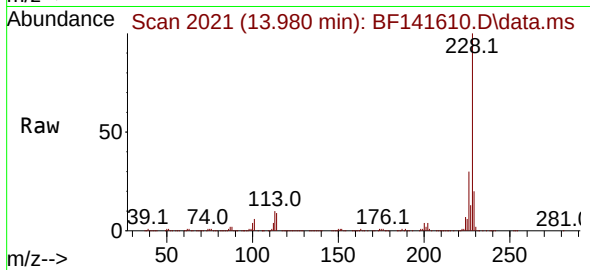
Tgt Ion:228 Resp: 73234
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.0 36.0
 229 19.7 15.7 23.5

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.211 ng

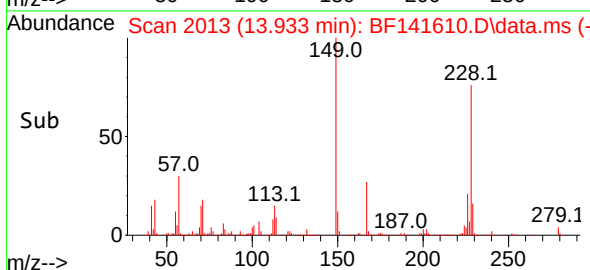
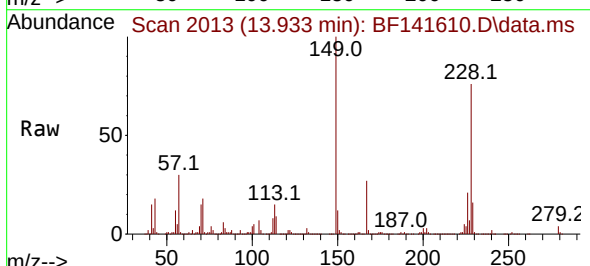
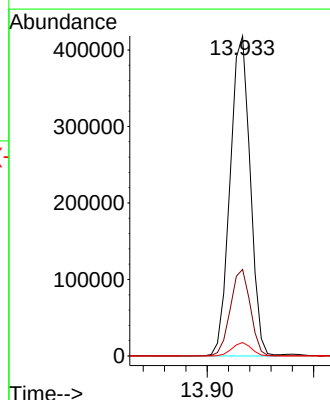
RT: 13.933 min Scan# 2013

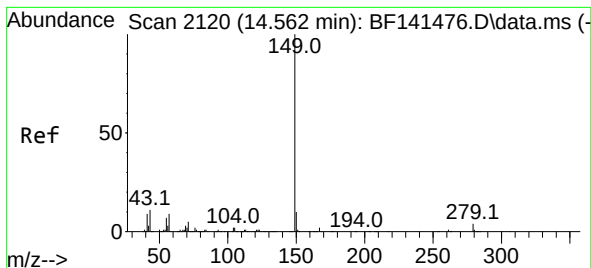
Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Tgt Ion:149 Resp: 548077
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 64.954 ng

RT: 14.557 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

Instrument :

BNA_F

ClientSampleId :

WC-13MS

Tgt Ion:149 Resp: 790920

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

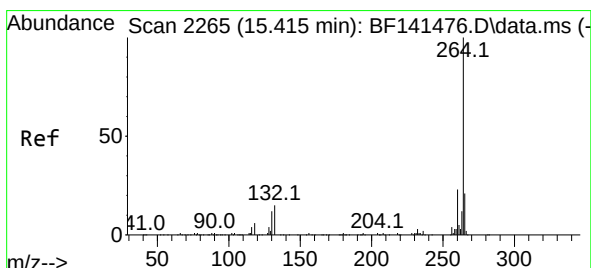
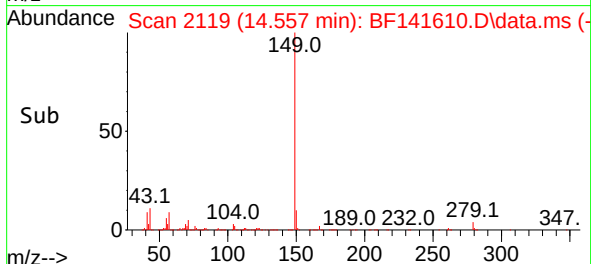
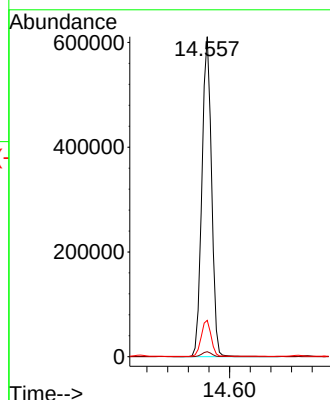
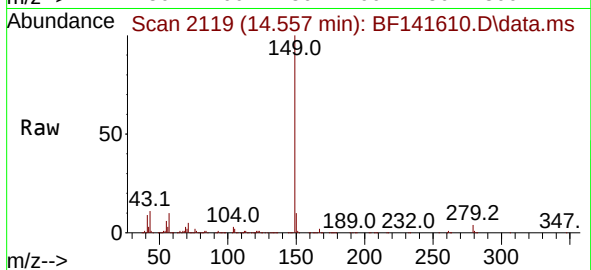
43 11.6 9.5 14.3

Manual Integrations

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Reviewed By :Rahul Chavli 02/14/2025

Supervised By :mohammad ahmed 02/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141610.D

Acq: 13 Feb 2025 13:17

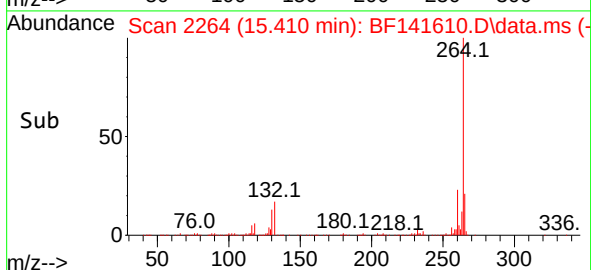
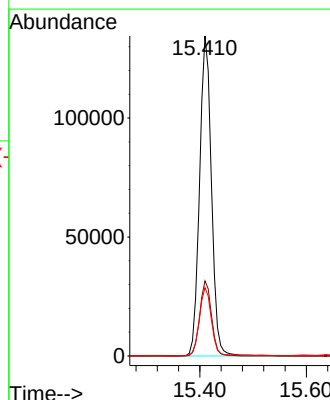
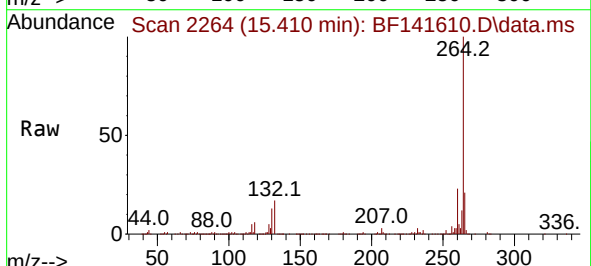
Tgt Ion:264 Resp: 207782

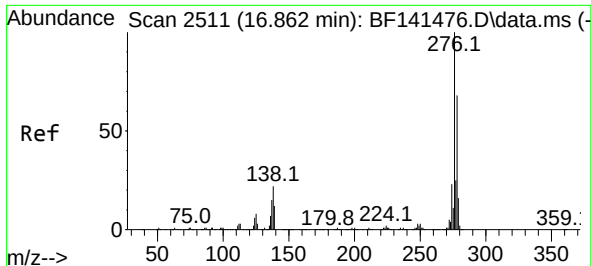
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

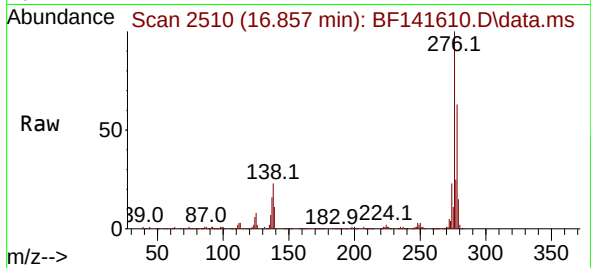
265 21.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.514 ng
RT: 16.857 min Scan# 2193
Delta R.T. -0.017 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

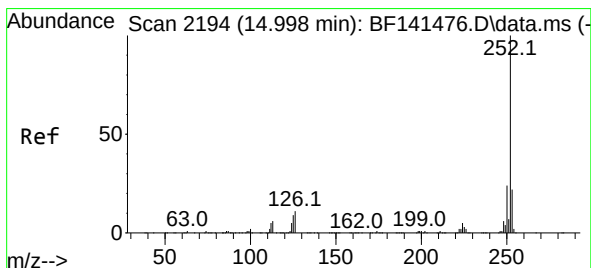
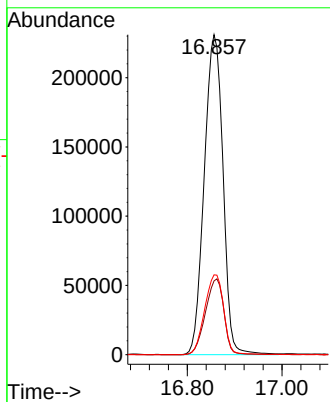
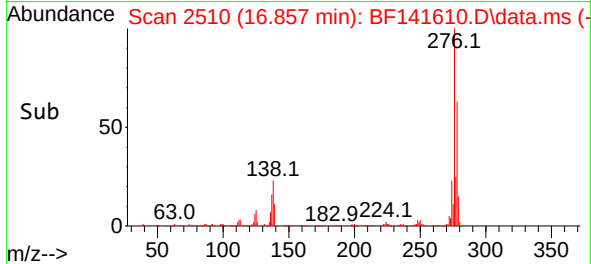
Instrument :
BNA_F
ClientSampleId :
WC-13MS



Tgt Ion:276 Resp: 635689
Ion Ratio Lower Upper
276 100
138 23.4 18.0 27.0
277 25.4 20.4 30.6

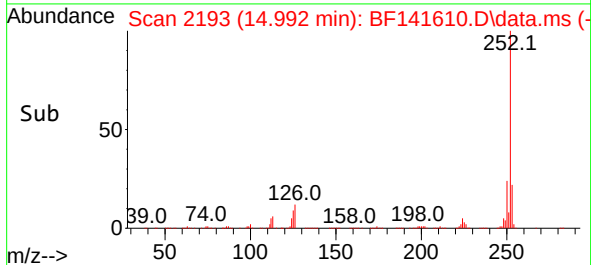
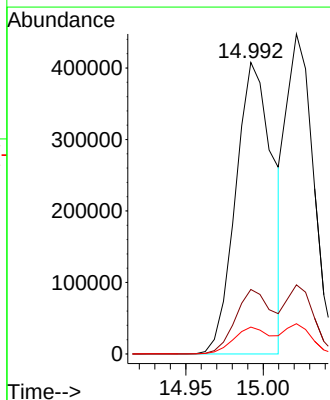
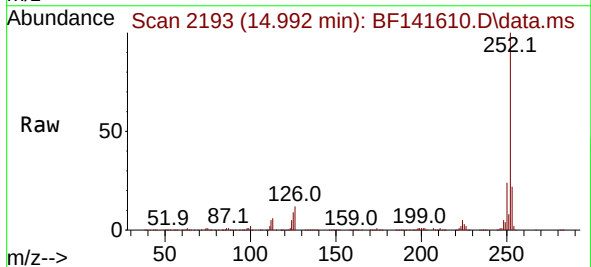
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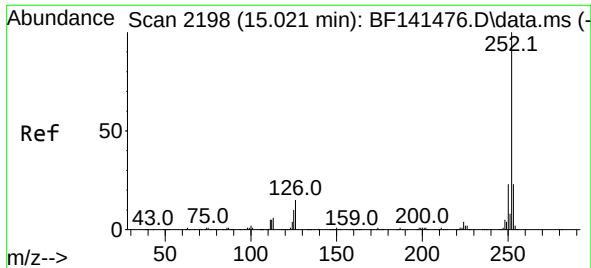
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#88
Benzo(b)fluoranthene
Concen: 48.869 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

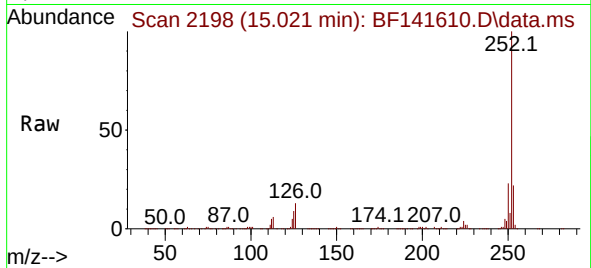
Tgt Ion:252 Resp: 681805
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 45.494 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

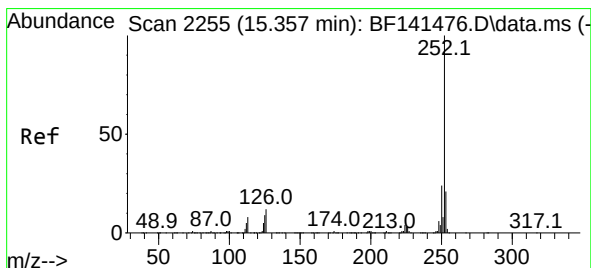
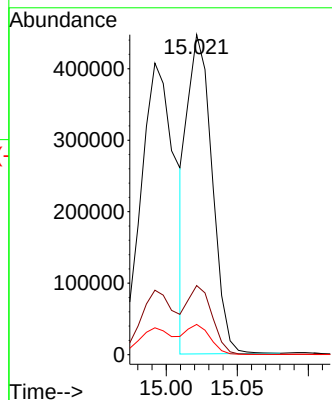
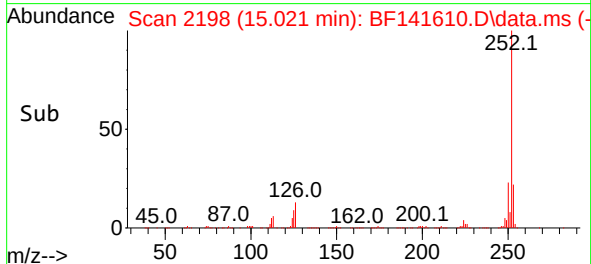
Instrument :
BNA_F
ClientSampleId :
WC-13MS



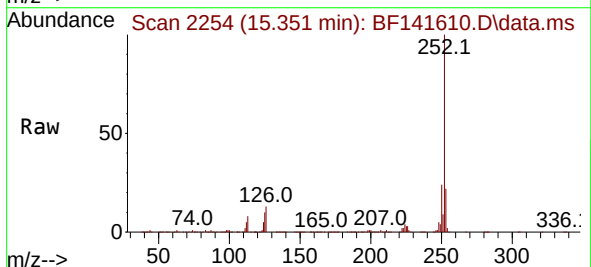
Tgt Ion:252 Resp: 541984
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.5 7.4 11.0

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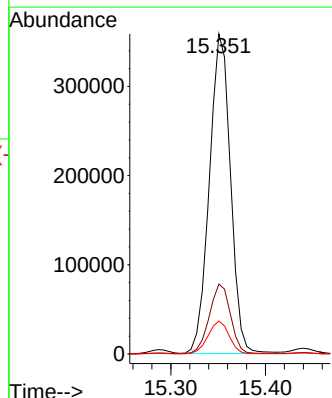
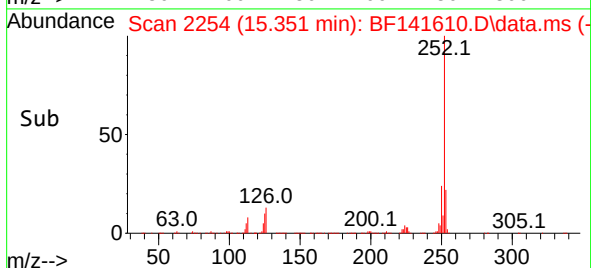
Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

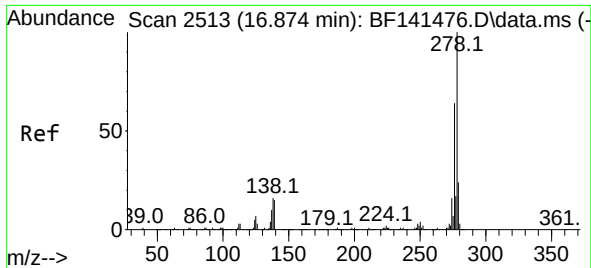


#90
Benzo(a)pyrene
Concen: 49.368 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



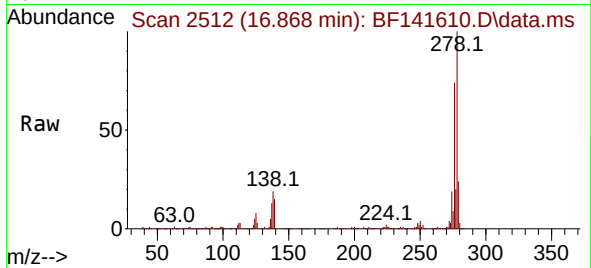
Tgt Ion:252 Resp: 557325
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.3 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 48.865 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17

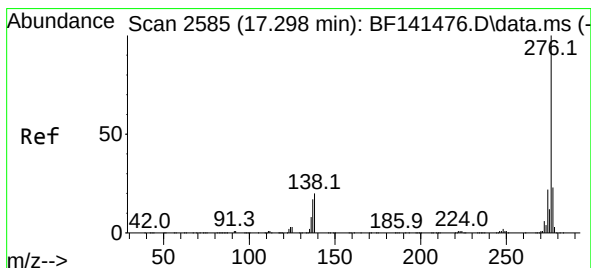
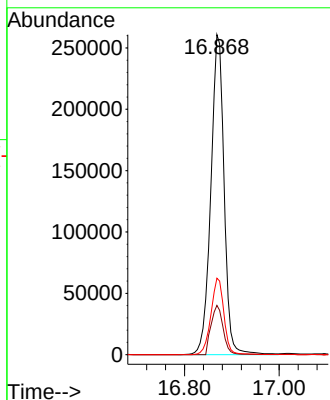
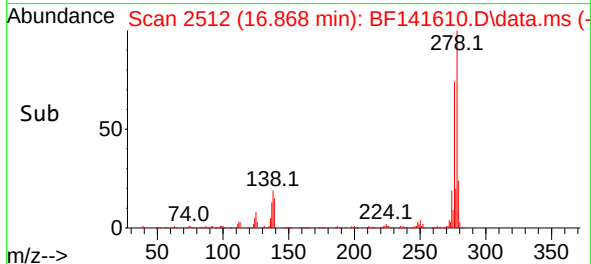
Instrument :
BNA_F
ClientSampleId :
WC-13MS



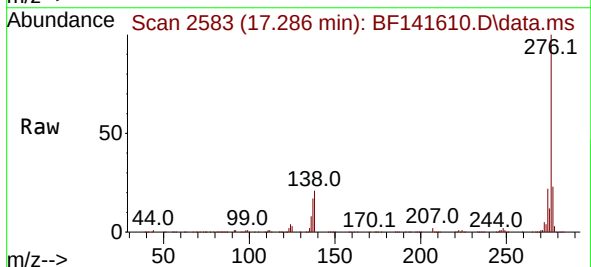
Tgt Ion:278 Resp: 50834
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 23.9 19.1 28.7

Manual Integrations
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Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025



#92
Benzo(g,h,i)perylene
Concen: 45.700 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141610.D
Acq: 13 Feb 2025 13:17



Tgt Ion:276 Resp: 497505
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 20.5 15.9 23.9

