

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141483.D
 Acq On : 06 Feb 2025 16:36
 Operator : RC/JU
 Sample : PB166468BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

Quant Time: Feb 06 17:28:22 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 :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89900	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367036	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	206778	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	358845	20.000	ng	0.00
76) Chrysene-d12	13.957	240	272627	20.000	ng	0.00
86) Perylene-d12	15.415	264	215428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	520779	90.817	ng	0.00
7) Phenol-d6	6.428	99	653760	90.202	ng	-0.01
23) Nitrobenzene-d5	7.351	82	638627	90.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	189371	91.167	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1205300	89.803	ng	0.00
79) Terphenyl-d14	12.904	244	1451646	89.889	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	89902	38.953	ng	99
3) Pyridine	3.304	79	216330	39.390	ng	100
4) n-Nitrosodimethylamine	3.257	42	153918	42.325	ng	99
6) Aniline	6.451	93	251940	37.057	ng	99
8) 2-Chlorophenol	6.575	128	273377	44.120	ng	99
9) Benzaldehyde	6.340	77	212342	55.133	ng	99
10) Phenol	6.445	94	330765	43.848	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	247323	43.650	ng	99
12) 1,3-Dichlorobenzene	6.728	146	279692	42.757	ng	99
13) 1,4-Dichlorobenzene	6.804	146	280440	41.960	ng	99
14) 1,2-Dichlorobenzene	6.957	146	271762	43.811	ng	99
15) Benzyl Alcohol	6.934	79	244174	43.932	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	424396	43.756	ng	84
17) 2-Methylphenol	7.051	107	213886	44.110	ng	98
18) Hexachloroethane	7.298	117	106264	42.961	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	191264	44.118	ng	99
20) 3+4-Methylphenols	7.204	107	279723	45.393	ng	96
22) Acetophenone	7.198	105	415763	45.537	ng	99
24) Nitrobenzene	7.375	77	290115	42.279	ng	99
25) Isophorone	7.610	82	520208	46.363	ng	99
26) 2-Nitrophenol	7.687	139	147203	43.118	ng	98
27) 2,4-Dimethylphenol	7.728	122	218065	54.677	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	310040	43.123	ng	99
29) 2,4-Dichlorophenol	7.934	162	231610	42.981	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	243255	41.454	ng	98
31) Naphthalene	8.092	128	785237	41.100	ng	100
32) Benzoic acid	7.863	122	197709	47.726	ng	99
33) 4-Chloroaniline	8.145	127	152454	22.855	ng	99
34) Hexachlorobutadiene	8.210	225	150337	42.675	ng	100
35) Caprolactam	8.516	113	81993m	49.975	ng	
36) 4-Chloro-3-methylphenol	8.634	107	264481	44.309	ng	98
37) 2-Methylnaphthalene	8.786	142	510592	41.069	ng	99
38) 1-Methylnaphthalene	8.881	142	498626	41.409	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	274009	45.803	ng	99
41) Hexachlorocyclopentadiene	8.939	237	308246	154.915	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	168953	43.697	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180713	43.126	ng	98
46) 1,1'-Biphenyl	9.251	154	738457	46.064	ng	99
47) 2-Chloronaphthalene	9.275	162	503741	42.494	ng	100
48) 2-Nitroaniline	9.375	65	174522	43.867	ng	98
49) Acenaphthylene	9.692	152	795831	45.135	ng	99
50) Dimethylphthalate	9.551	163	608071	43.317	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134050	43.683	ng	99
52) Acenaphthene	9.863	154	504161	42.531	ng	100
53) 3-Nitroaniline	9.781	138	83582	25.306	ng	99
54) 2,4-Dinitrophenol	9.898	184	177003	97.050	ng	95
55) Dibenzofuran	10.033	168	721298	41.455	ng	100
56) 4-Nitrophenol	9.963	139	238975	97.468	ng	98
57) 2,4-Dinitrotoluene	10.022	165	193080	47.263	ng	98
58) Fluorene	10.375	166	577492	42.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	155945	43.226	ng	99
60) Diethylphthalate	10.251	149	596065	43.158	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	280329	43.313	ng	99
62) 4-Nitroaniline	10.404	138	139964	41.733	ng	100
63) Azobenzene	10.528	77	583393	42.490	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	113214	45.418	ng	94
66) n-Nitrosodiphenylamine	10.492	169	501045	43.619	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175510	43.762	ng	96
68) Hexachlorobenzene	10.922	284	187578	45.421	ng	98
69) Atrazine	11.022	200	199322	57.840	ng	99
70) Pentachlorophenol	11.122	266	235159	89.053	ng	100
71) Phenanthrene	11.339	178	874464	44.270	ng	100
72) Anthracene	11.392	178	890846	44.864	ng	99
73) Carbazole	11.551	167	790327	44.235	ng	100
74) Di-n-butylphthalate	11.880	149	925802	44.877	ng	100
75) Fluoranthene	12.527	202	933273	44.565	ng	100
77) Benzidine	12.651	184	355064	59.053	ng	99
78) Pyrene	12.757	202	954862	41.144	ng	100
80) Butylbenzylphthalate	13.380	149	369557	45.973	ng	99
81) Benzo(a)anthracene	13.945	228	812744	44.847	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	171542	33.044	ng	100
83) Chrysene	13.986	228	713556	42.643	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	453122	49.979	ng	99
85) Di-n-octyl phthalate	14.563	149	659898	51.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	628876	47.245	ng	98
88) Benzo(b)fluoranthene	14.998	252	631813	43.679	ng	100
89) Benzo(k)fluoranthene	15.027	252	595384	48.202	ng	99
90) Benzo(a)pyrene	15.357	252	565702	48.332	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	513551	47.614	ng	99
92) Benzo(g,h,i)perylene	17.298	276	494669	43.827	ng	100

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

Manual Integrations

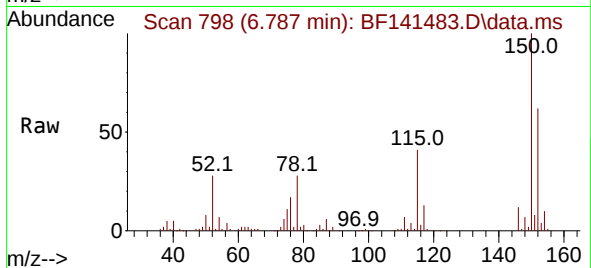
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

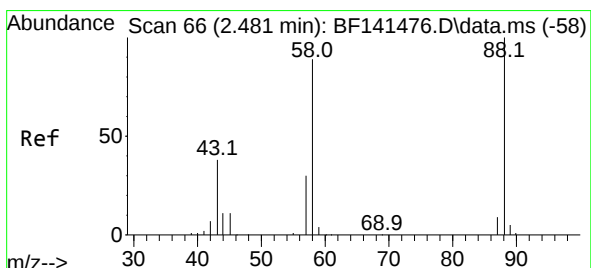
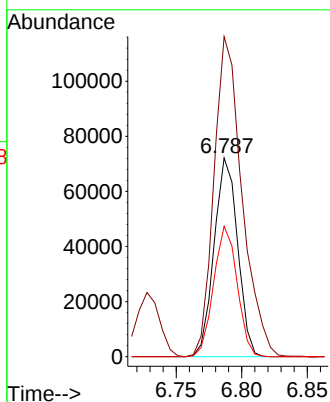
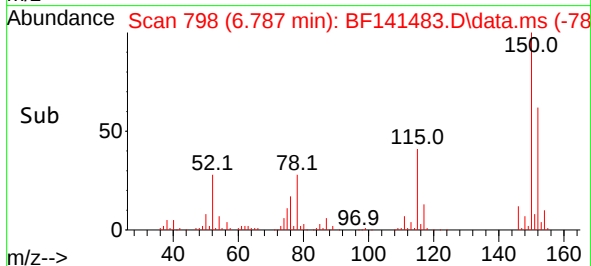
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:152 Resp: 89900
Ion Ratio Lower Upper
152 100
150 161.1 125.0 187.4
115 65.6 53.6 80.4

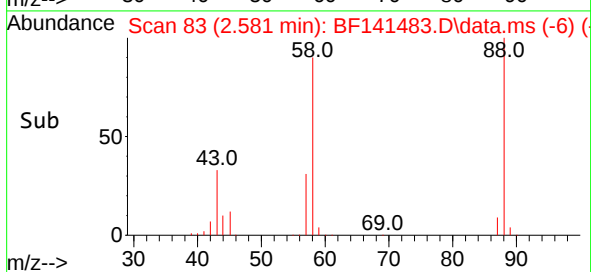
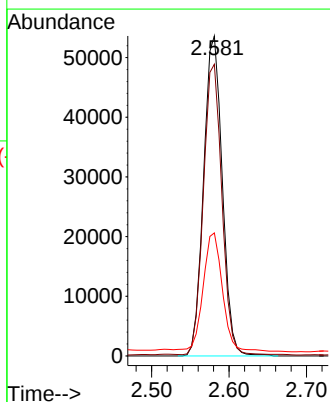
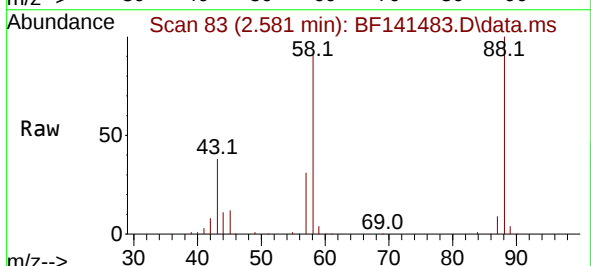
Manual Integrations
APPROVED

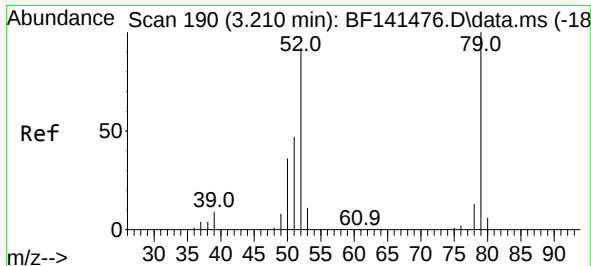
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 38.953 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 88 Resp: 89902
Ion Ratio Lower Upper
88 100
58 90.1 71.1 106.7
43 38.9 30.6 46.0





#3

Pyridine

Concen: 39.390 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.088 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

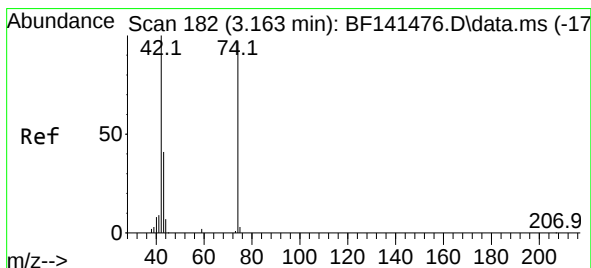
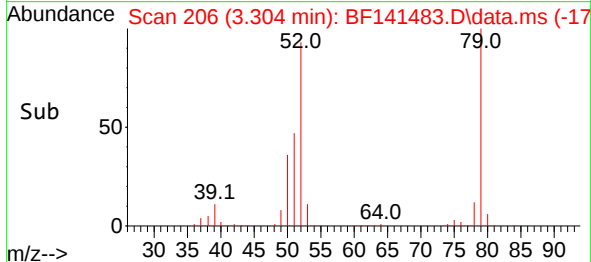
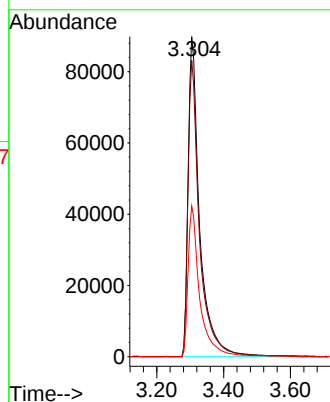
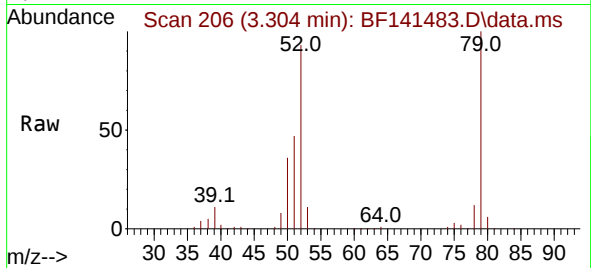
Tgt Ion: 79 Resp: 216330

Ion	Ratio	Lower	Upper
79	100		
52	92.6	73.7	110.5
51	47.1	37.5	56.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 02/07/2025



#4

n-Nitrosodimethylamine

Concen: 42.325 ng

RT: 3.257 min Scan# 198

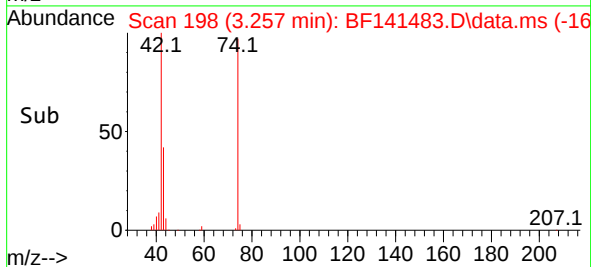
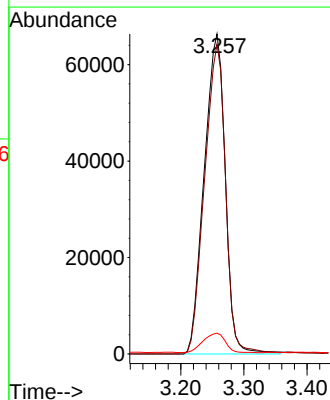
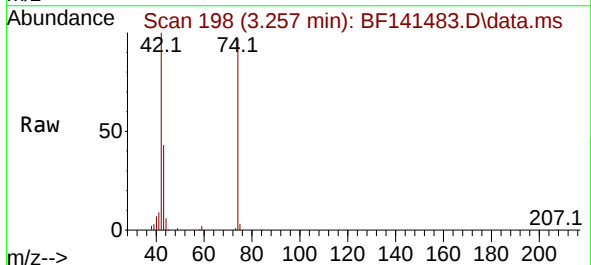
Delta R.T. 0.071 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Tgt Ion: 42 Resp: 153918

Ion	Ratio	Lower	Upper
42	100		
74	96.8	78.0	117.0
44	6.5	5.4	8.2





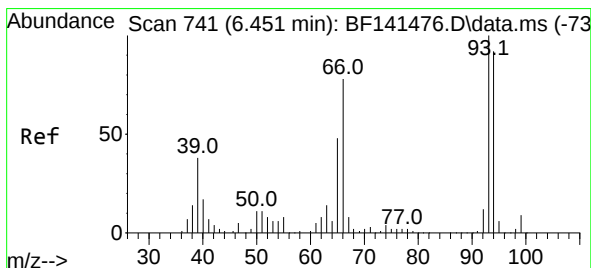
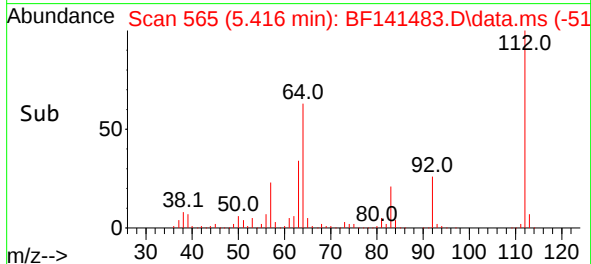
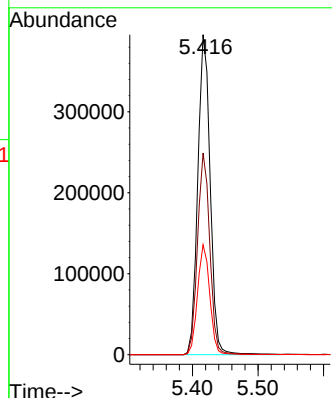
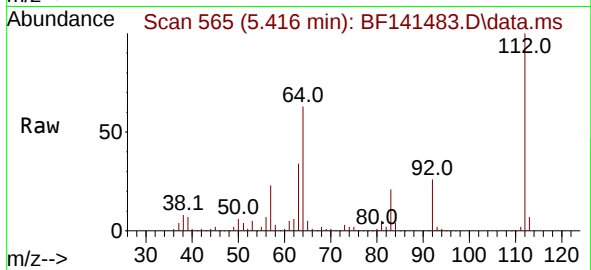
#5
2-Fluorophenol
Concen: 90.817 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:112 Resp: 520779
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 34.4 28.4 42.6

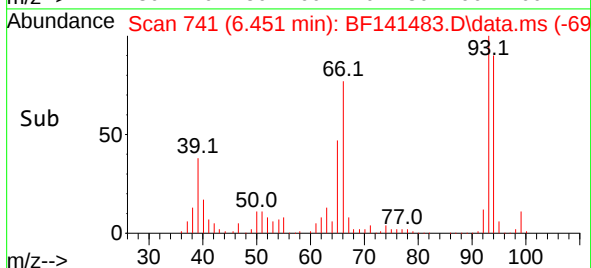
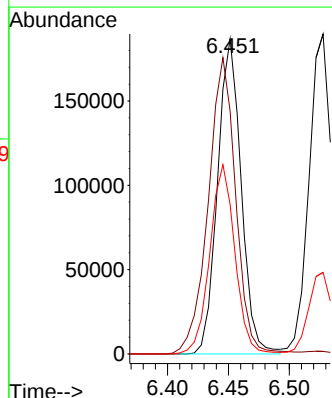
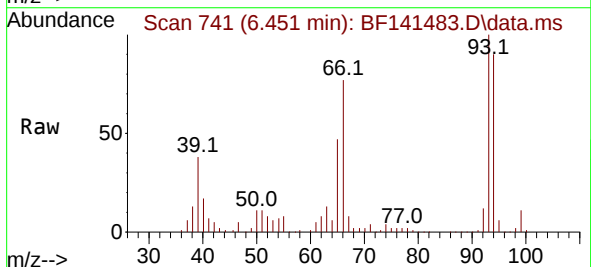
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#6
Aniline
Concen: 37.057 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

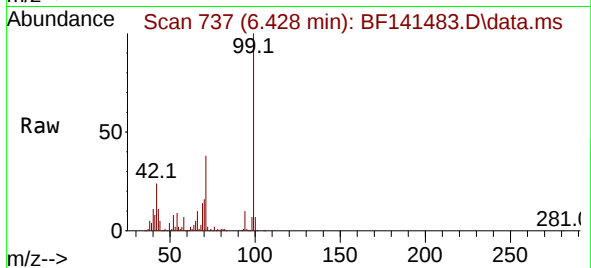
Tgt Ion: 93 Resp: 251940
Ion Ratio Lower Upper
93 100
66 77.1 62.6 94.0
65 47.5 38.3 57.5





#7
Phenol-d6
Concen: 90.202 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

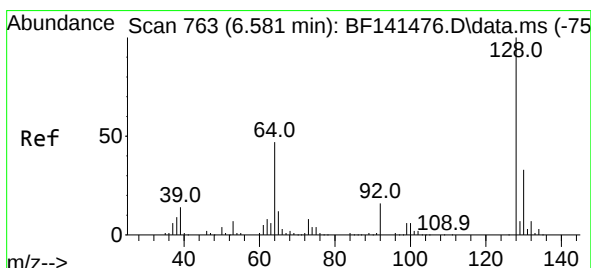
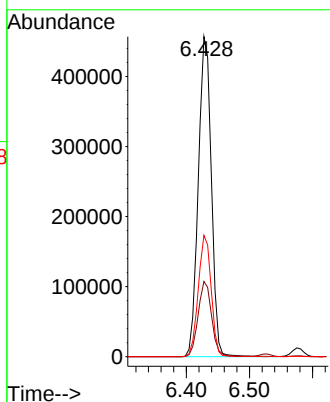
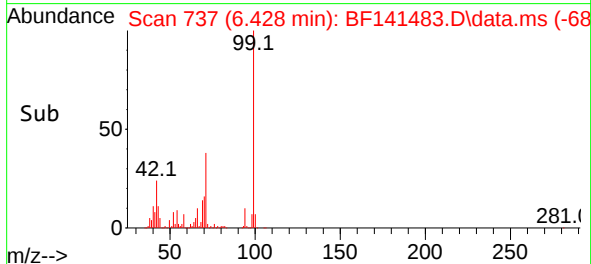
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 653760
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 37.9 31.1 46.7

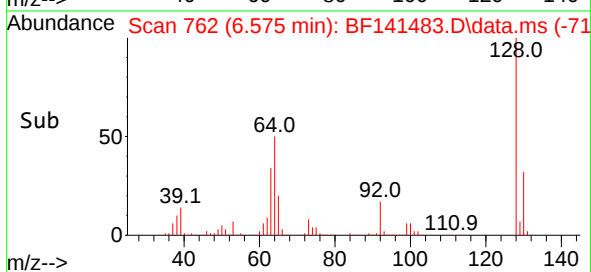
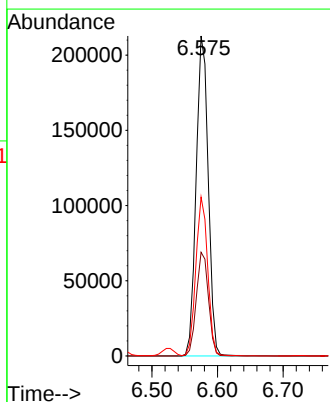
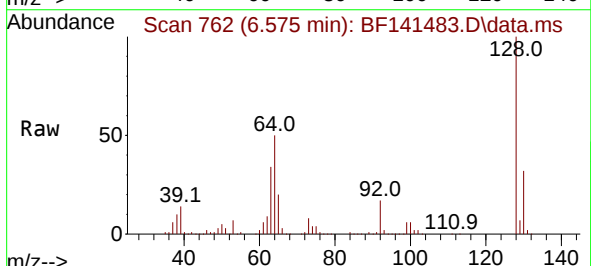
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#8
2-Chlorophenol
Concen: 44.120 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:128 Resp: 273377
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 49.6 28.3 68.3





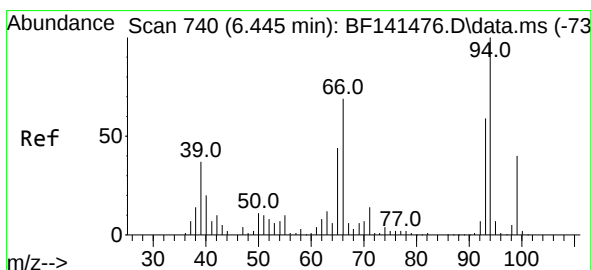
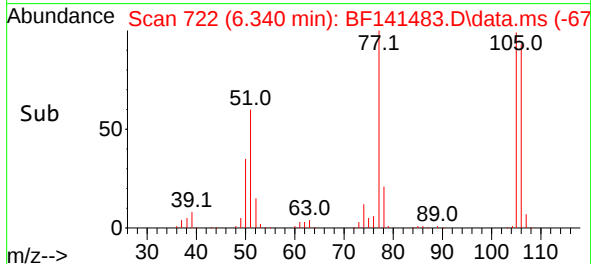
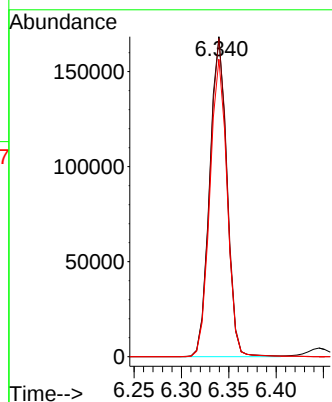
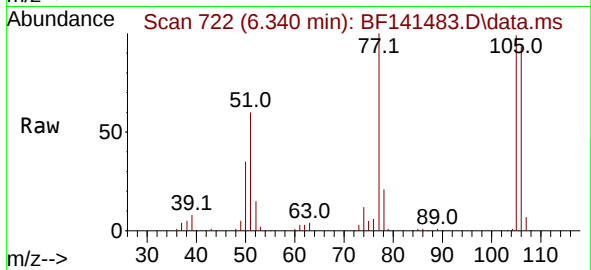
#9
Benzaldehyde
Concen: 55.133 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 77 Resp: 21234
Ion Ratio Lower Upper
77 100
105 99.5 79.4 119.4
106 92.9 75.1 115.1

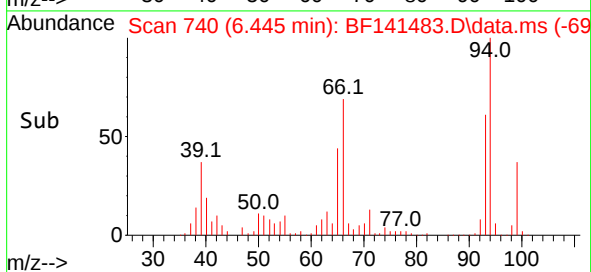
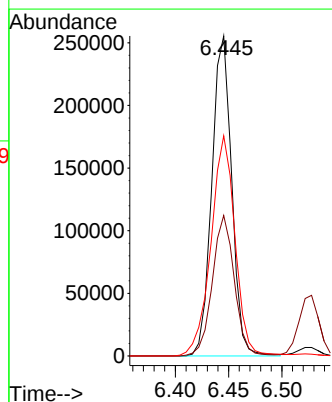
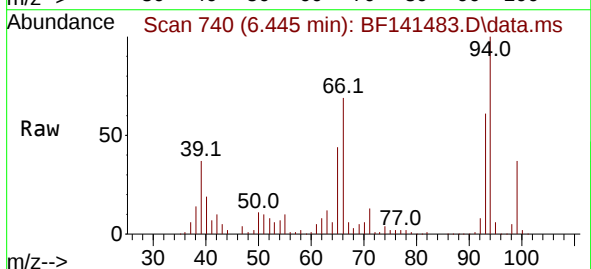
Manual Integrations
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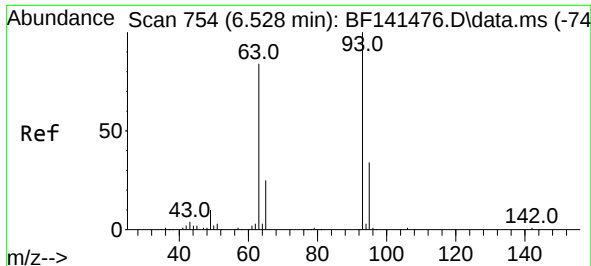
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Phenol
Concen: 43.848 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 94 Resp: 330765
Ion Ratio Lower Upper
94 100
65 43.9 23.7 63.7
66 68.8 49.3 89.3





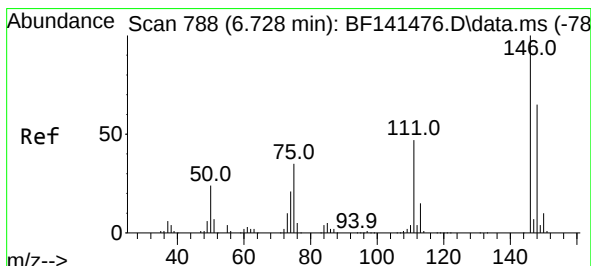
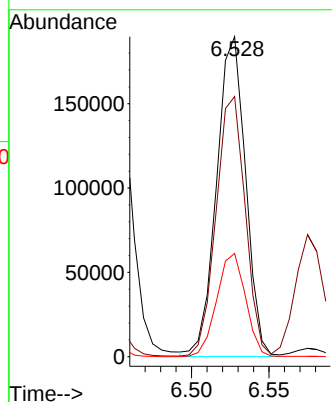
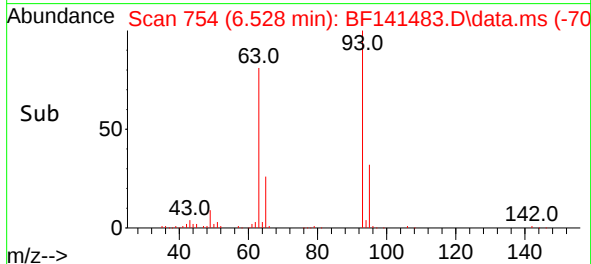
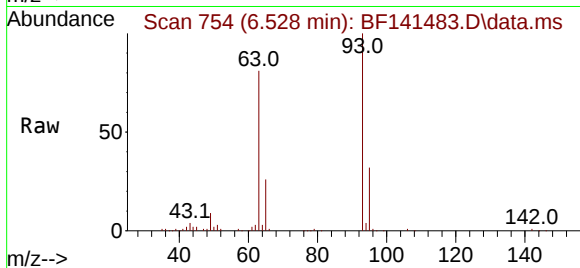
#11
bis(2-Chloroethyl)ether
Concen: 43.650 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 93 Resp: 24732
Ion Ratio Lower Upper
93 100
63 81.3 62.0 102.0
95 32.2 12.6 52.6

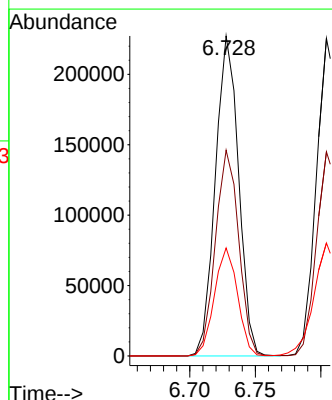
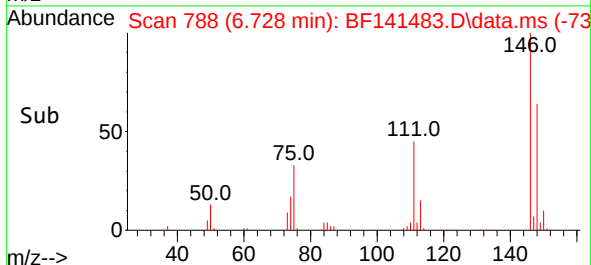
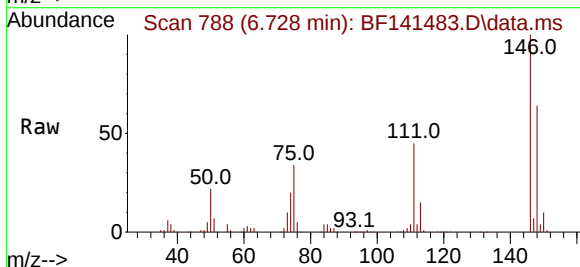
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 42.757 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:146 Resp: 279692
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 33.8 28.2 42.2





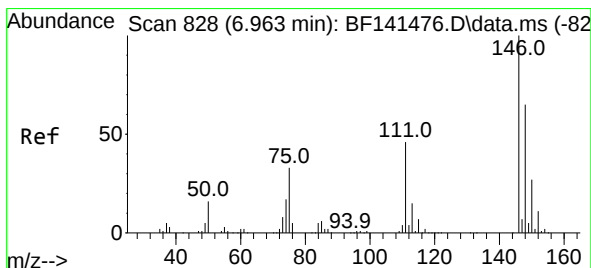
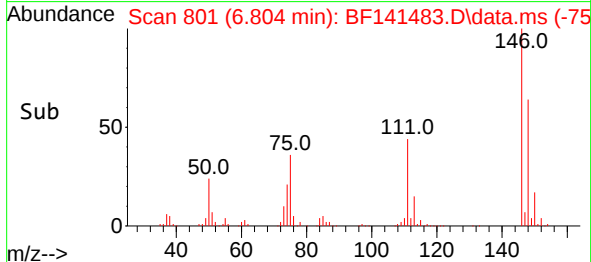
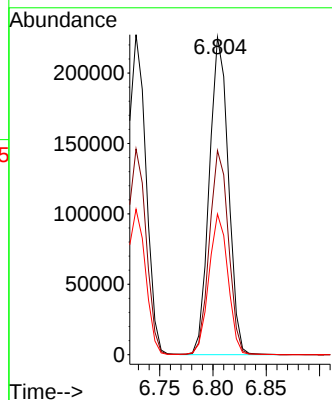
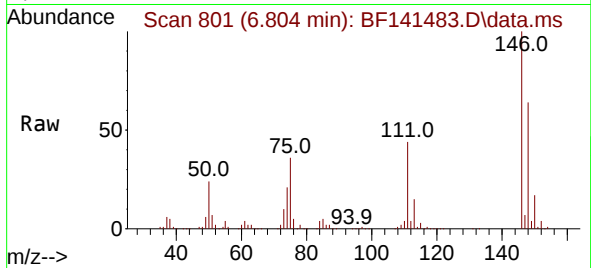
#13
1,4-Dichlorobenzene
Concen: 41.960 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:146 Resp: 280440
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 44.3 35.9 53.9

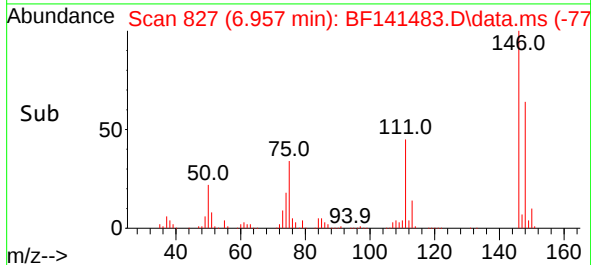
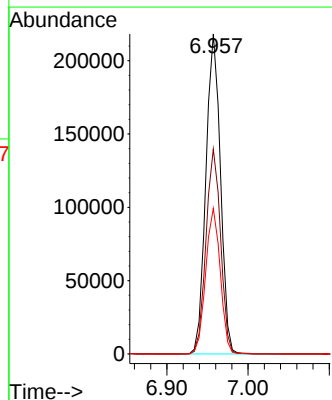
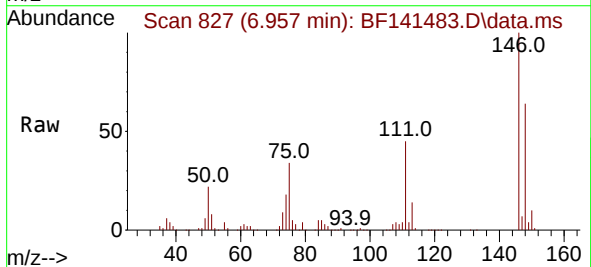
Manual Integrations
APPROVED

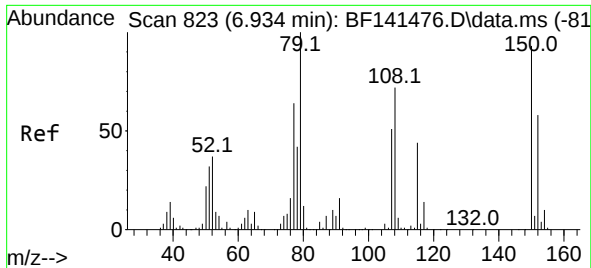
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#14
1,2-Dichlorobenzene
Concen: 43.811 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

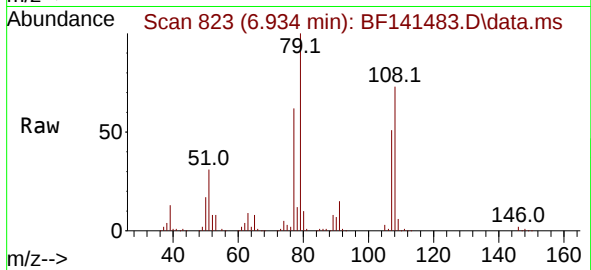
Tgt Ion:146 Resp: 271762
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 45.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 43.932 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

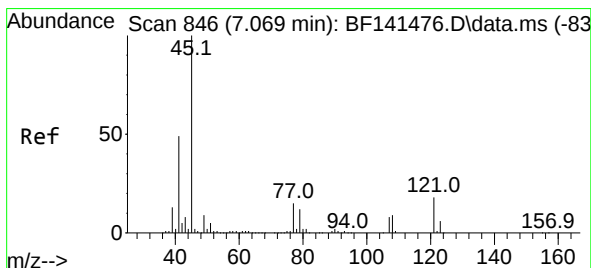
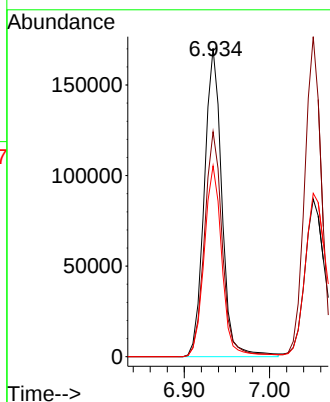
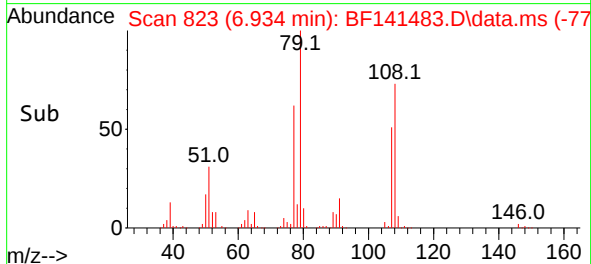
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



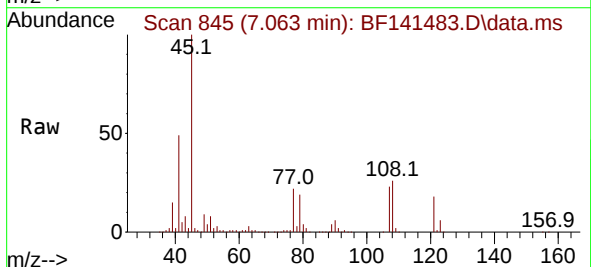
Tgt Ion: 79 Resp: 244174
Ion Ratio Lower Upper
79 100
108 73.0 57.4 86.2
77 61.9 50.9 76.3

Manual Integrations
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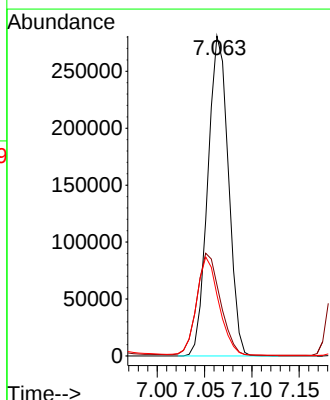
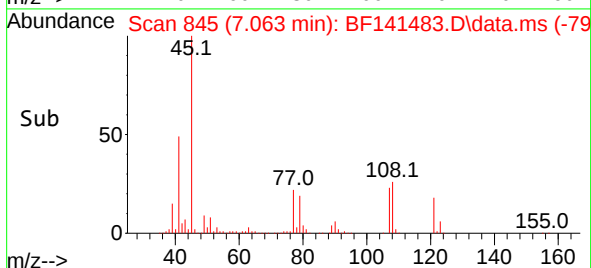
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

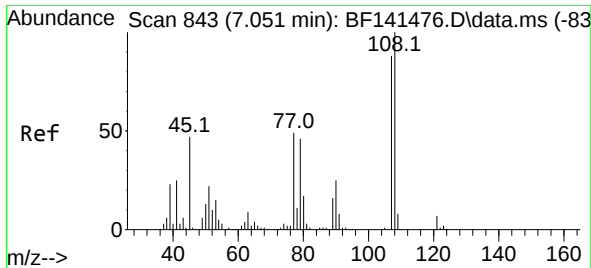


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.756 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



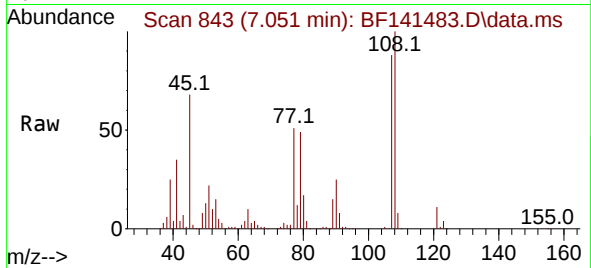
Tgt Ion: 45 Resp: 424396
Ion Ratio Lower Upper
45 100
77 22.3 0.0 35.8
79 19.1 0.0 32.7





#17
2-Methylphenol
Concen: 44.110 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

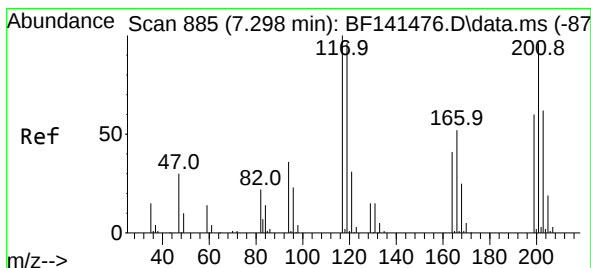
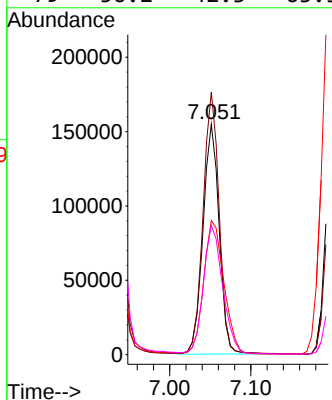
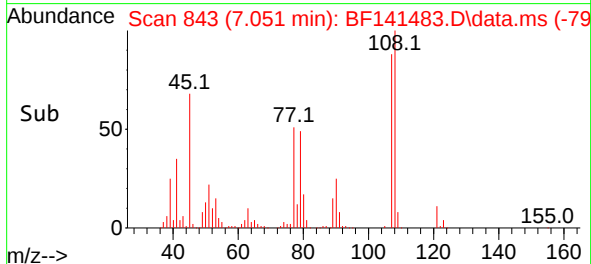
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:107 Resp: 213880
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 58.2 44.4 66.6
79 56.2 42.3 63.5

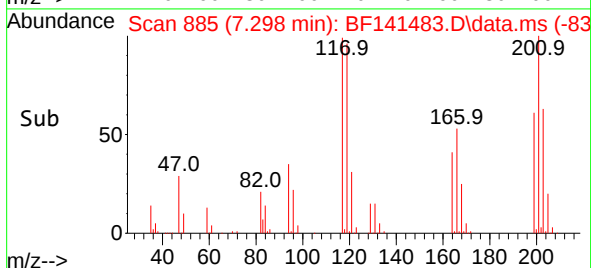
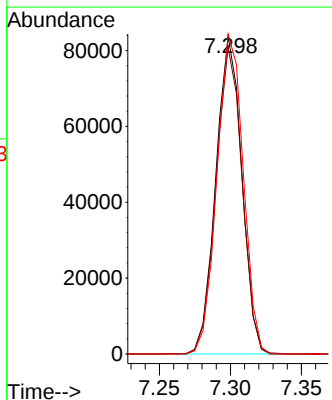
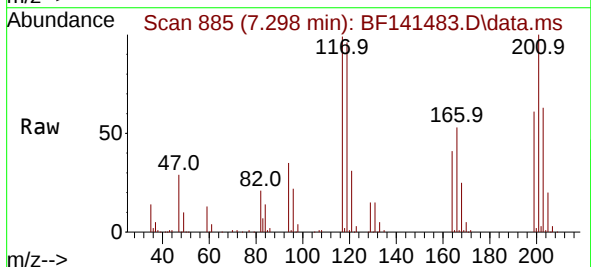
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 42.961 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

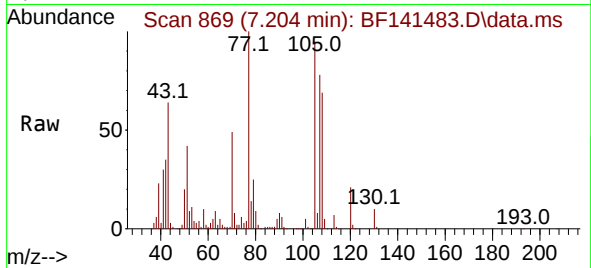
Tgt Ion:117 Resp: 106264
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 100.8 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.118 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

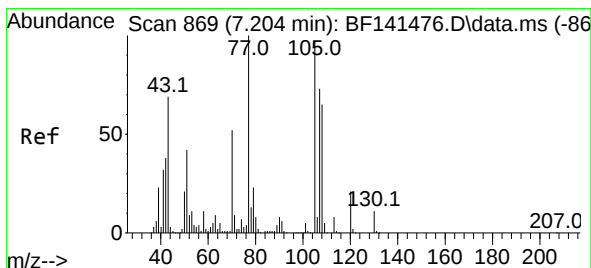
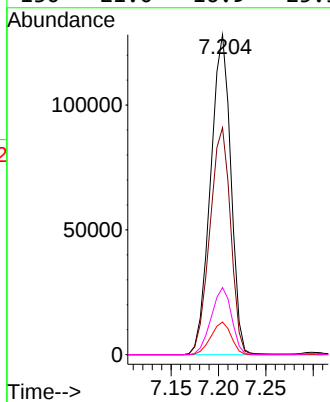
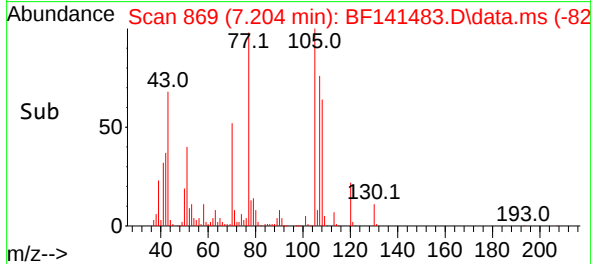
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



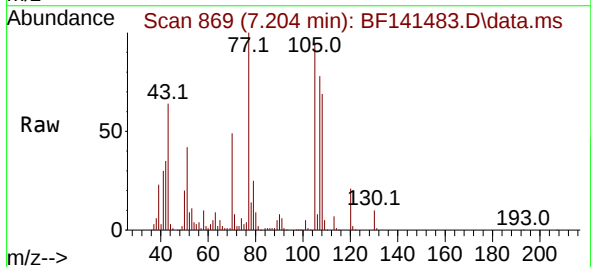
Tgt Ion: 70 Resp: 191264
Ion Ratio Lower Upper
70 100
42 71.0 57.4 86.2
101 10.2 8.0 12.0
130 21.0 16.9 25.3

Manual Integrations
APPROVED

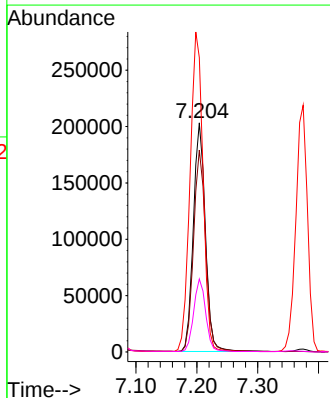
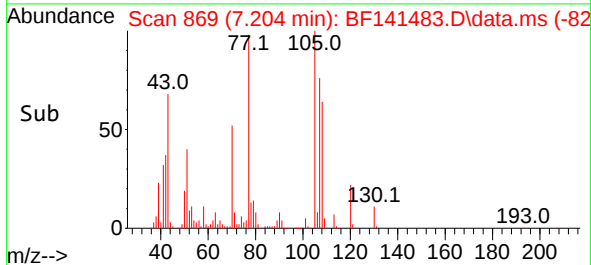
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

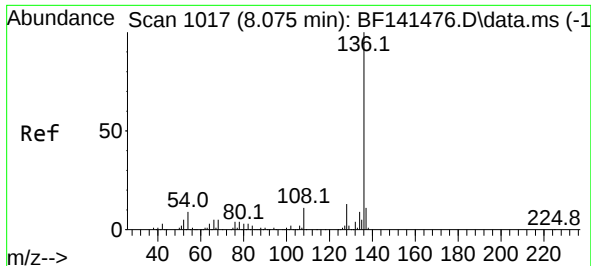


#20
3+4-Methylphenols
Concen: 45.393 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



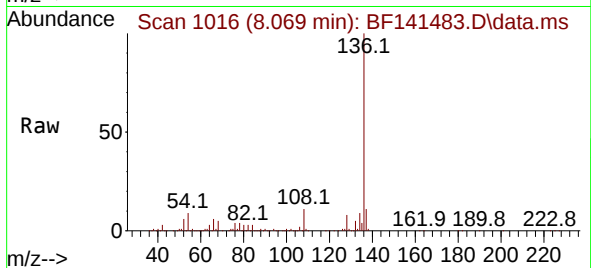
Tgt Ion:107 Resp: 279723
Ion Ratio Lower Upper
107 100
108 88.1 68.5 108.5
77 128.5 116.5 156.5
79 31.8 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

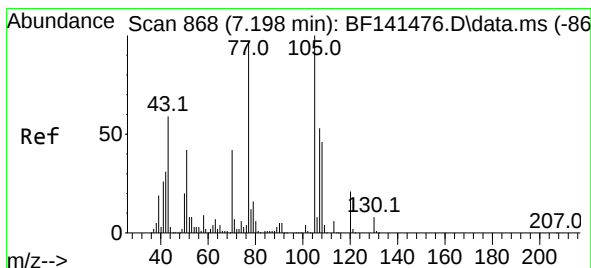
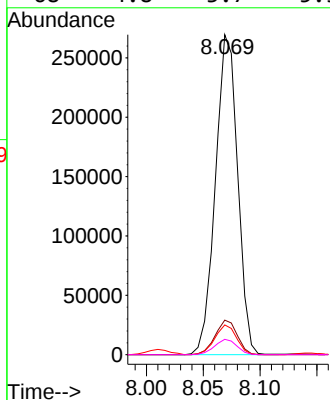
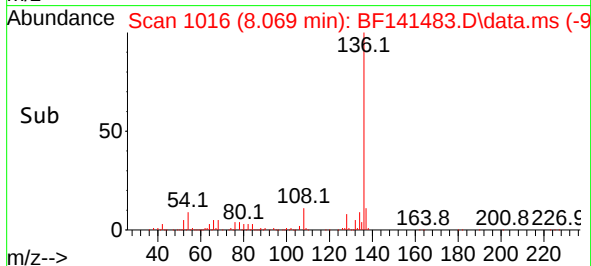
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:136 Resp: 367030
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.2 10.8
68 4.8 3.7 5.5

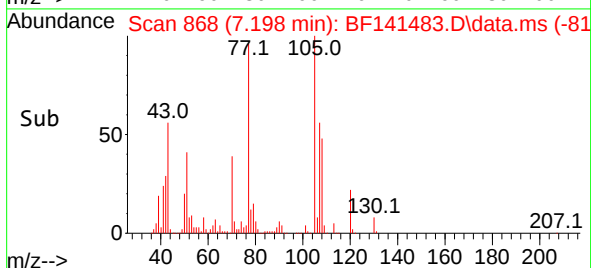
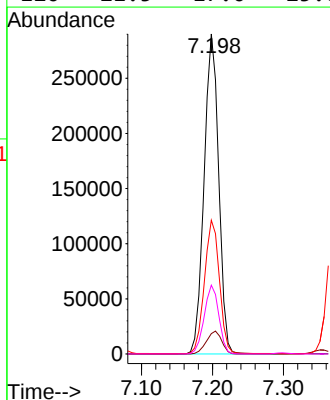
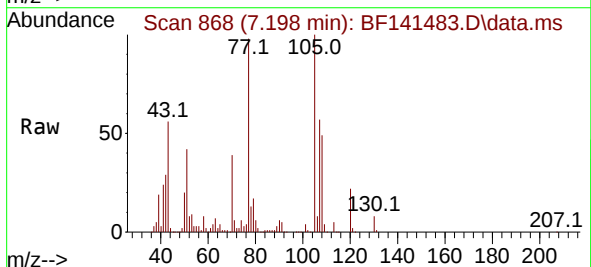
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 45.537 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:105 Resp: 415763
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 41.8 33.7 50.5
120 21.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 90.753 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

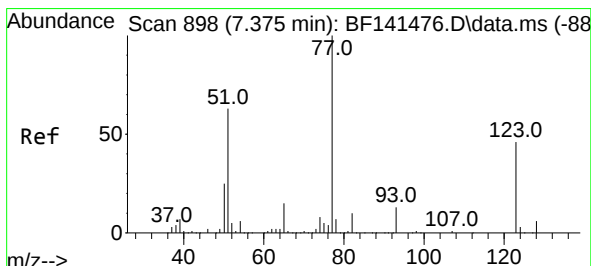
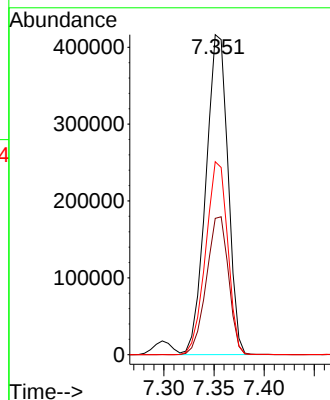
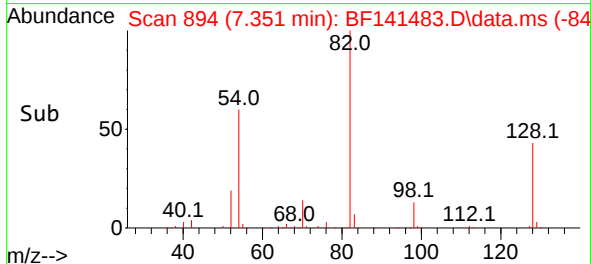
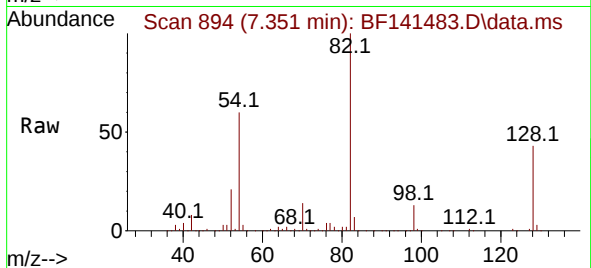
PB166468BSD

Tgt Ion: 82 Resp: 63862
Ion Ratio Lower Upper
82 100
128 42.6 34.8 52.2
54 60.3 48.2 72.4

Manual Integrations

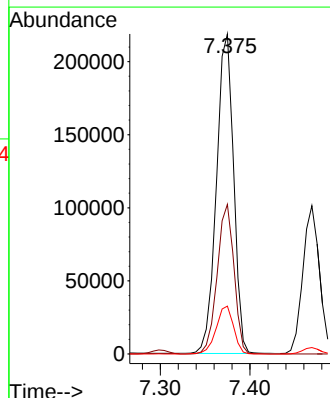
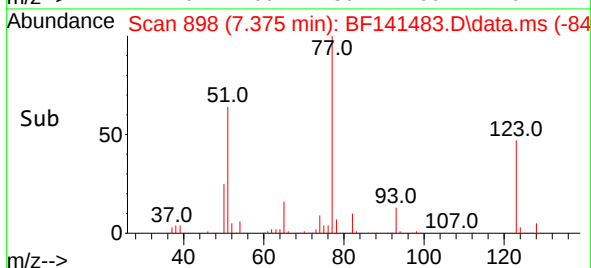
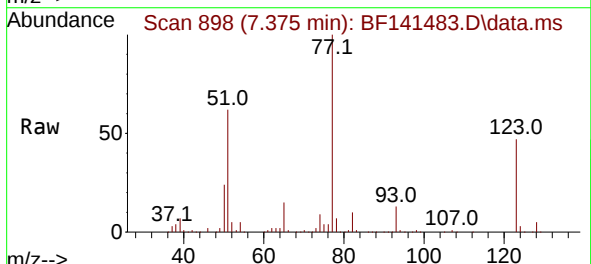
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#24
Nitrobenzene
Concen: 42.279 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

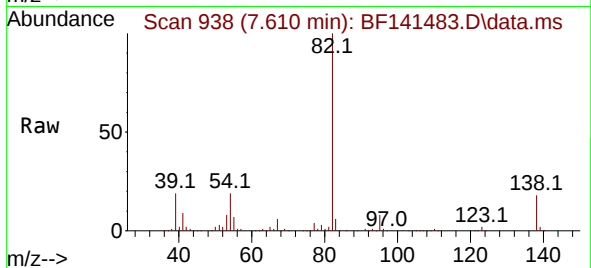
Tgt Ion: 77 Resp: 290115
Ion Ratio Lower Upper
77 100
123 46.7 36.9 55.3
65 15.0 11.9 17.9





#25
Isophorone
Concen: 46.363 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

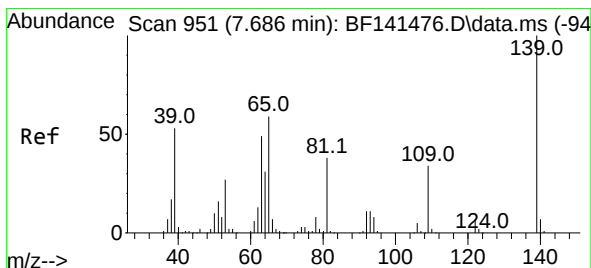
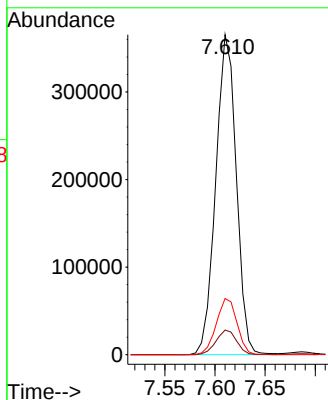
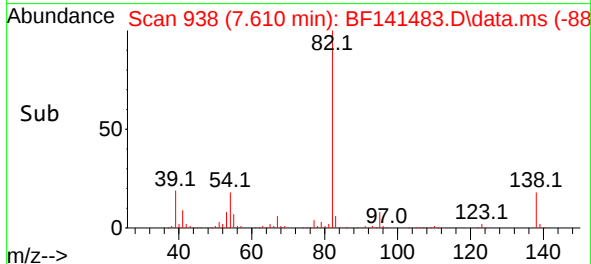
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



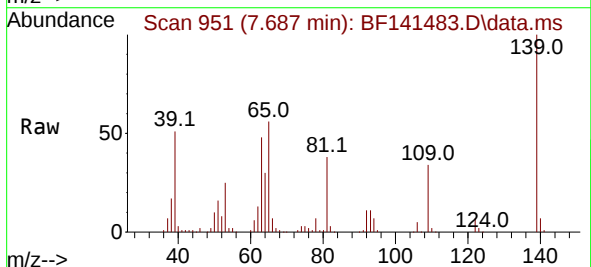
Tgt Ion: 82 Resp: 520208
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.5 13.9 20.9

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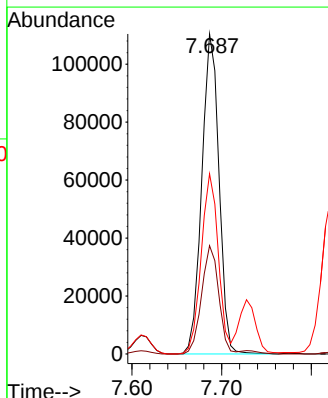
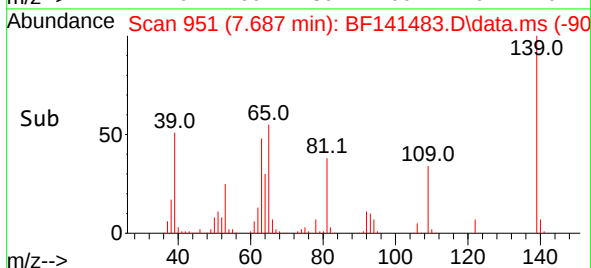
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

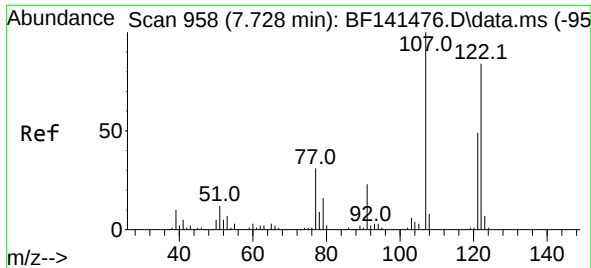


#26
2-Nitrophenol
Concen: 43.118 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:139 Resp: 147203
Ion Ratio Lower Upper
139 100
109 33.9 27.0 40.6
65 56.3 47.1 70.7





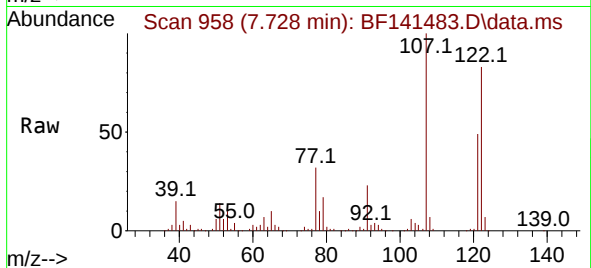
#27
2,4-Dimethylphenol
Concen: 54.677 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

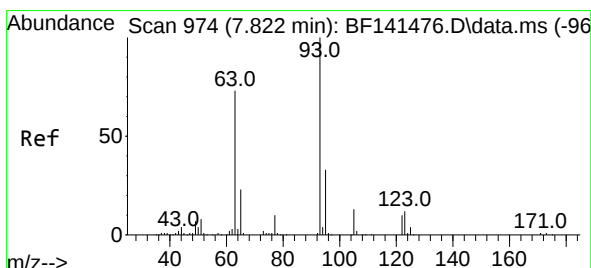
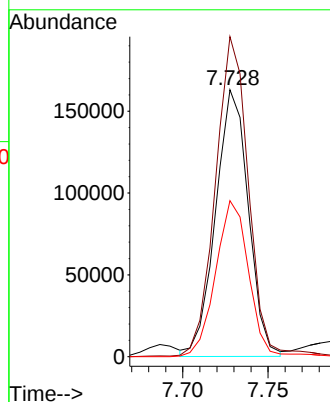
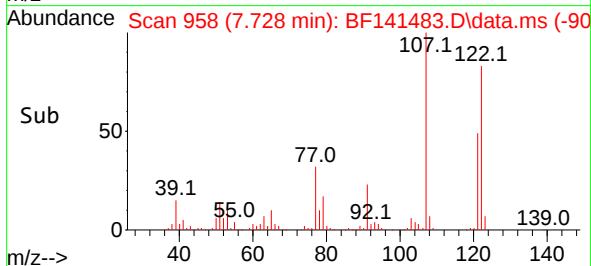


Tgt Ion:122 Resp: 21806
Ion Ratio Lower Upper
122 100
107 119.9 94.3 141.5
121 58.4 46.0 69.0

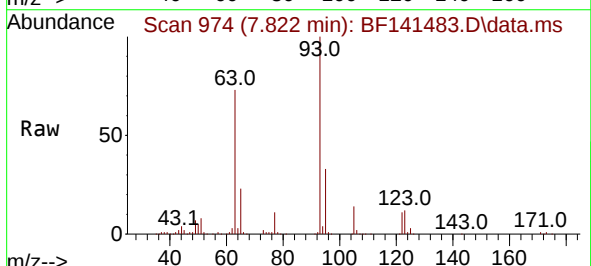
Manual Integrations

APPROVED

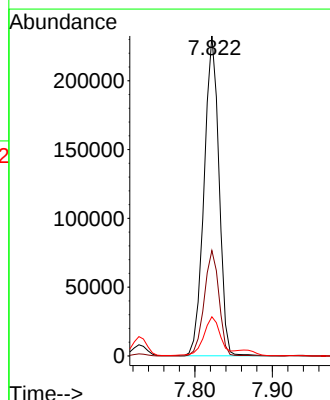
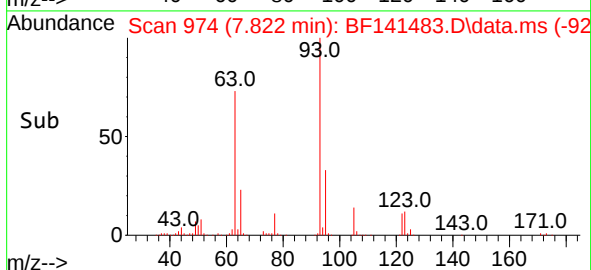
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.123 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



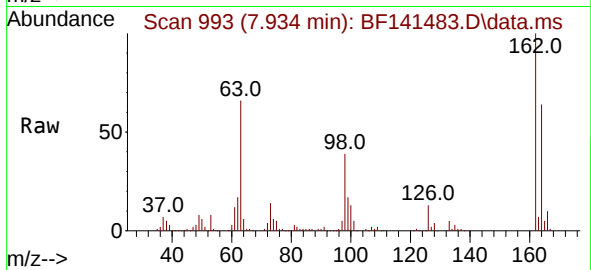
Tgt Ion: 93 Resp: 310040
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 12.2 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 42.981 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

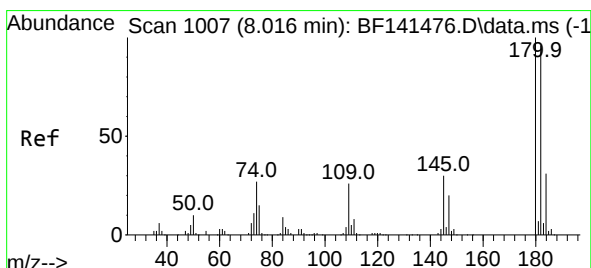
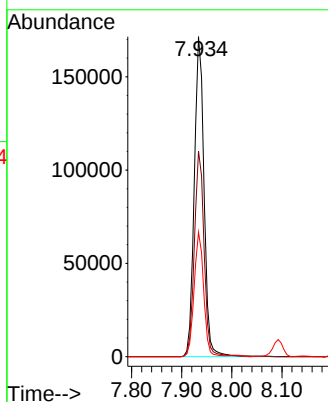
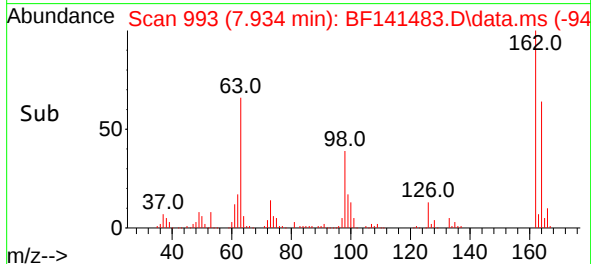
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



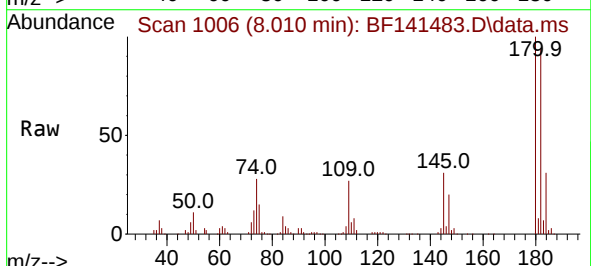
Tgt Ion:162 Resp: 231610
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 38.9 17.2 57.2

Manual Integrations
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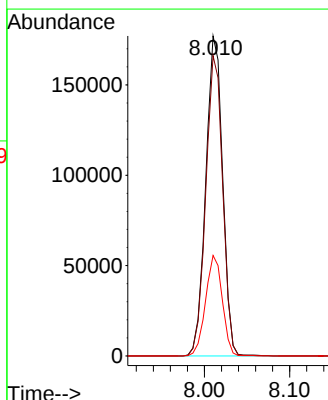
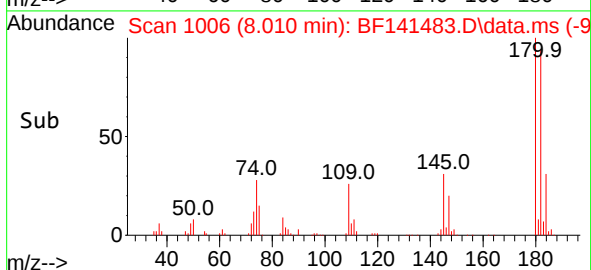
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.454 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



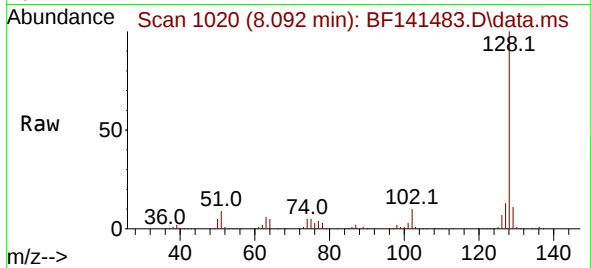
Tgt Ion:180 Resp: 243255
Ion Ratio Lower Upper
180 100
182 93.8 76.8 115.2
145 31.4 24.2 36.4





#31
Naphthalene
Concen: 41.100 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

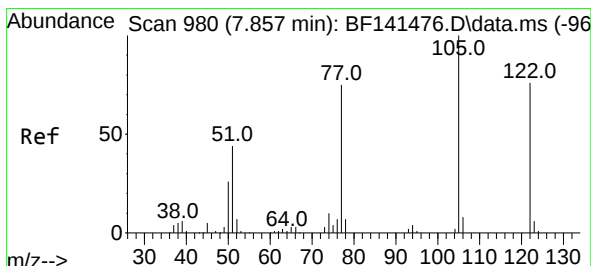
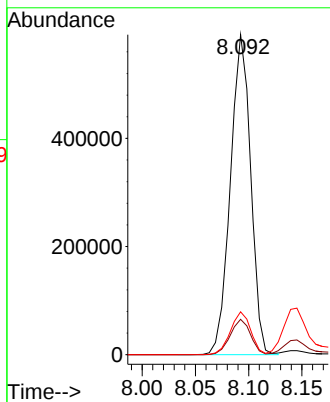
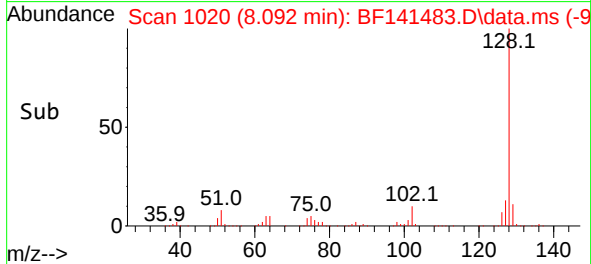
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:128 Resp: 78523
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1

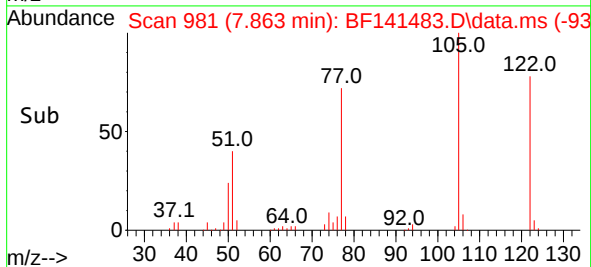
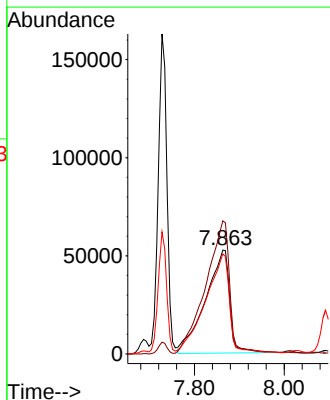
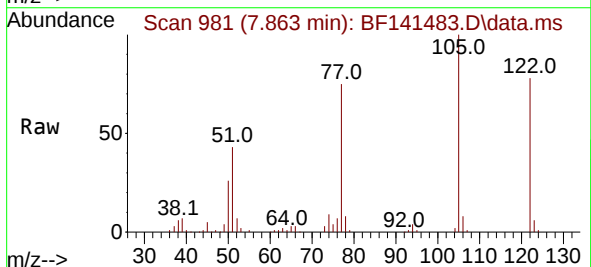
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 47.726 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:122 Resp: 197709
Ion Ratio Lower Upper
122 100
105 128.2 106.5 146.5
77 96.2 76.3 116.3





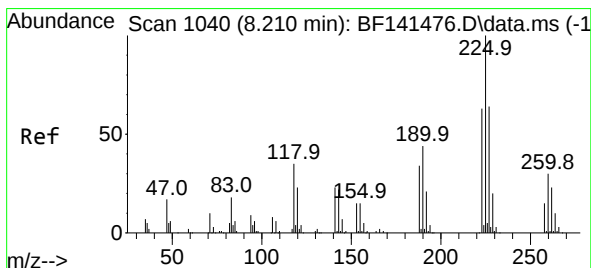
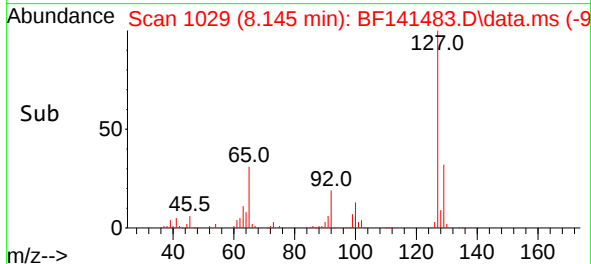
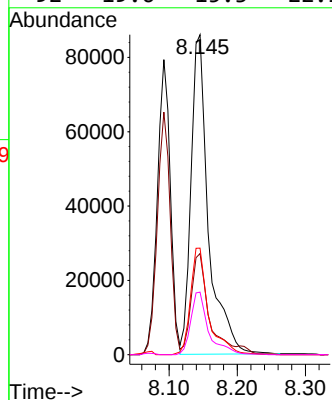
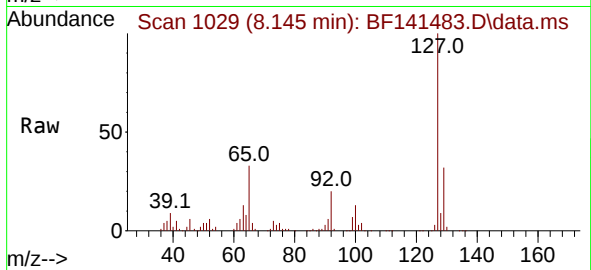
#33
4-Chloroaniline
Concen: 22.855 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:127 Resp: 152454
Ion Ratio Lower Upper
127 100
129 31.6 26.5 39.7
65 33.3 26.4 39.6
92 19.6 15.3 22.9

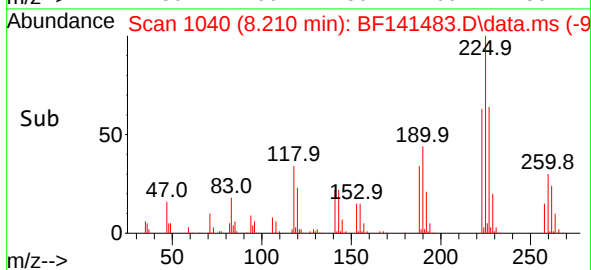
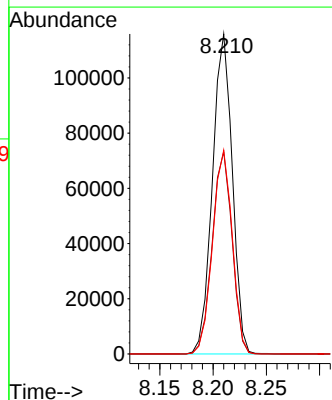
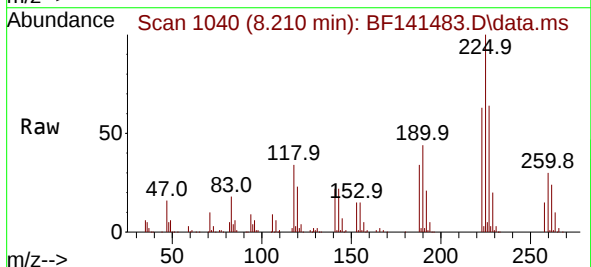
Manual Integrations
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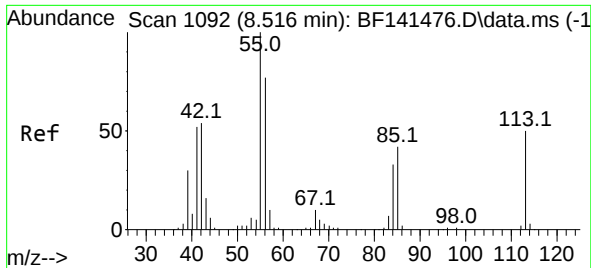
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Hexachlorobutadiene
Concen: 42.675 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

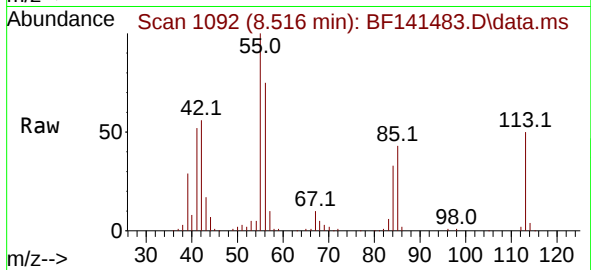
Tgt Ion:225 Resp: 150337
Ion Ratio Lower Upper
225 100
223 63.1 50.1 75.1
227 63.7 51.0 76.6





#35
 Caprolactam
 Concen: 49.975 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

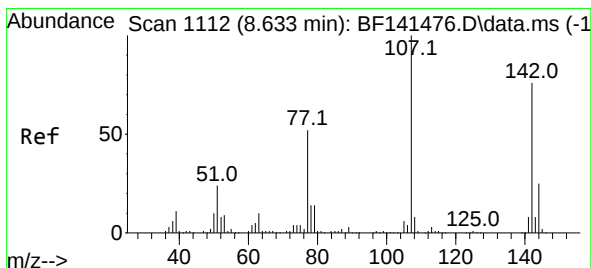
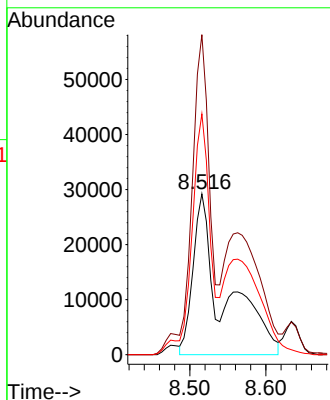
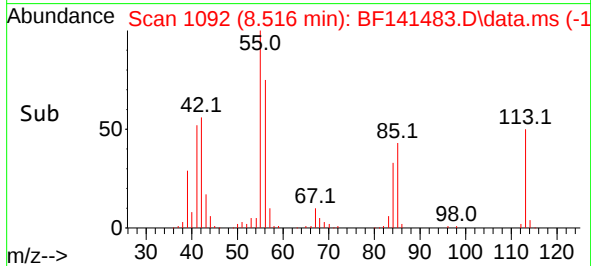
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD



Tgt Ion:113 Resp: 8199
 Ion Ratio Lower Upper
 113 100
 55 199.0 180.8 220.8
 56 149.8 133.6 173.6

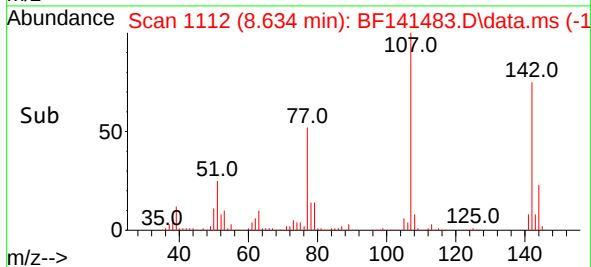
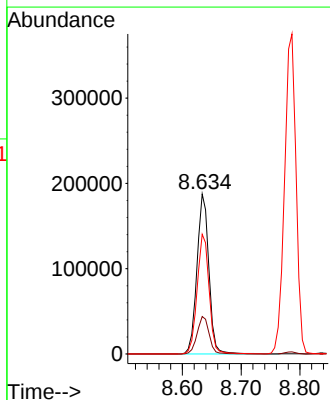
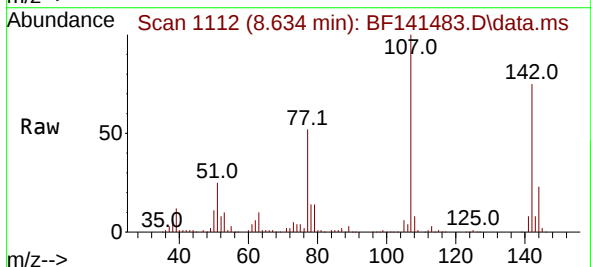
Manual Integrations
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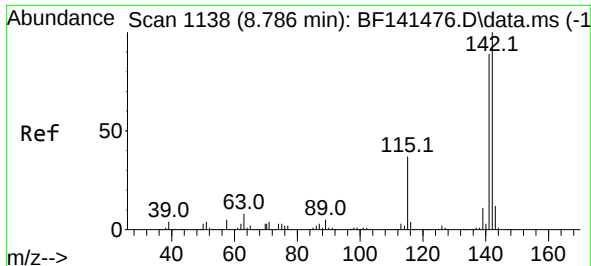
Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#36
 4-Chloro-3-methylphenol
 Concen: 44.309 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

Tgt Ion:107 Resp: 264481
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.7 29.5
 142 74.8 60.8 91.2





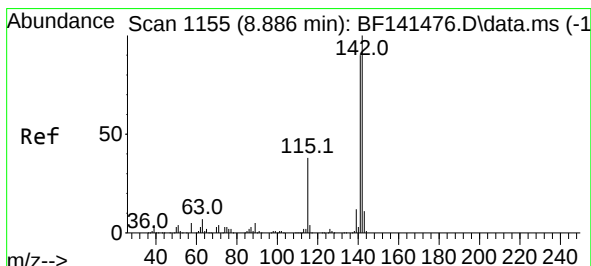
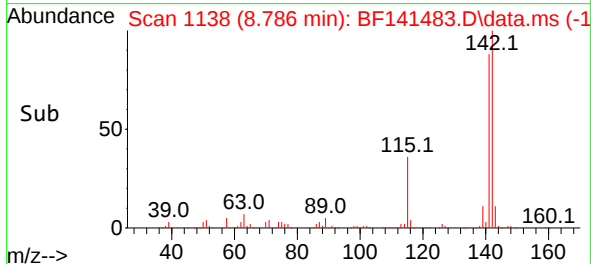
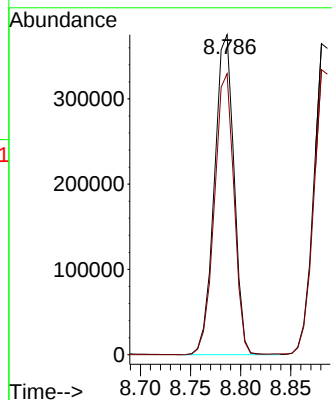
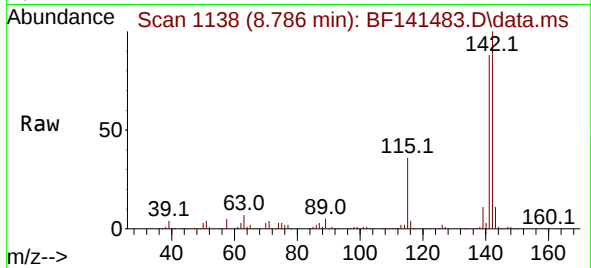
#37
2-Methylnaphthalene
Concen: 41.069 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:142 Resp: 510592
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8

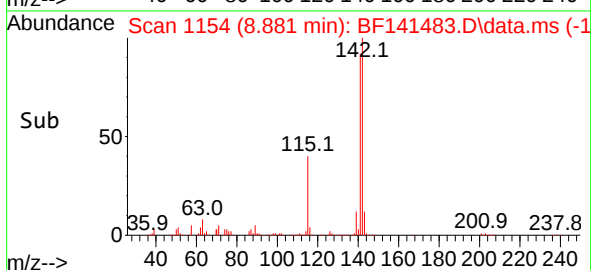
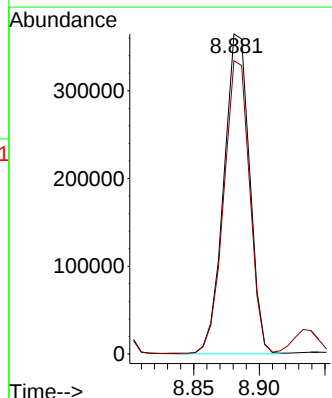
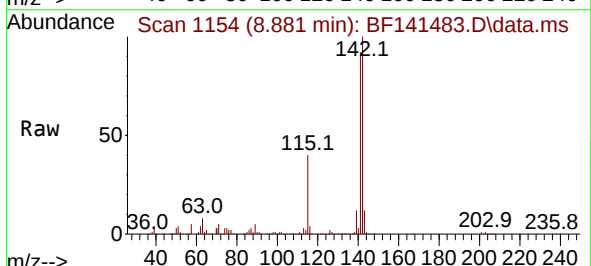
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 41.409 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:142 Resp: 498626
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





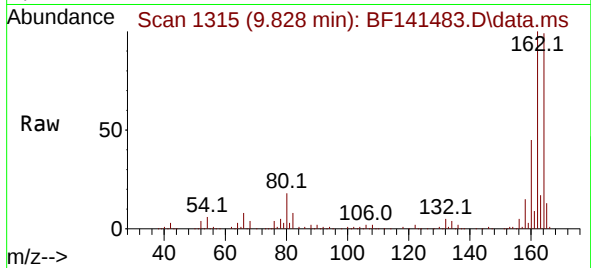
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

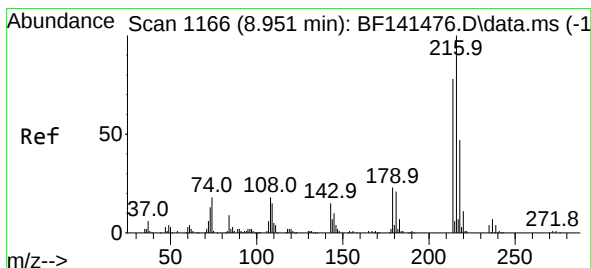
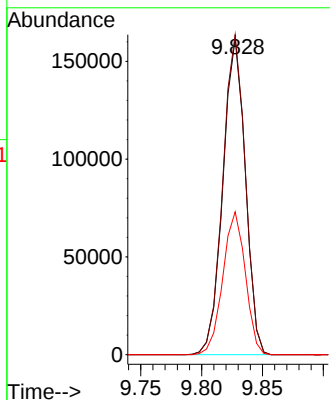
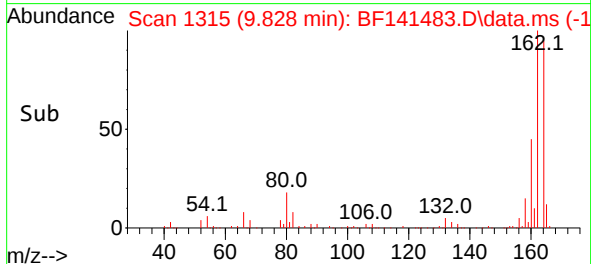


Tgt Ion:164 Resp: 206778
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.2 35.9 53.9

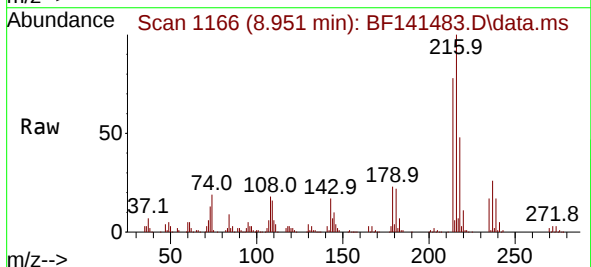
Manual Integrations

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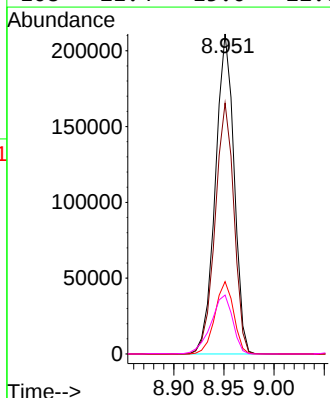
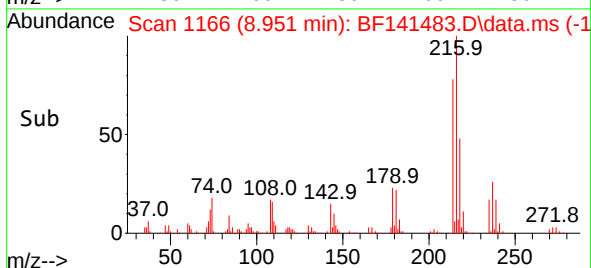
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

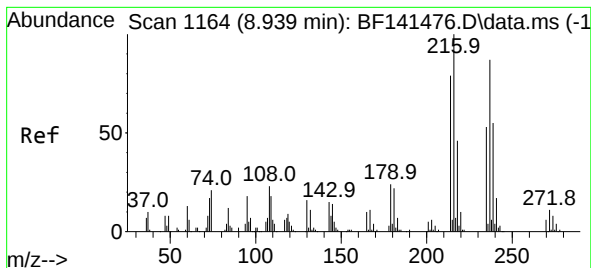


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.803 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:216 Resp: 274009
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 22.6 18.0 27.0
108 21.4 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 154.915 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:237 Resp: 308240

Ion Ratio Lower Upper

237 100

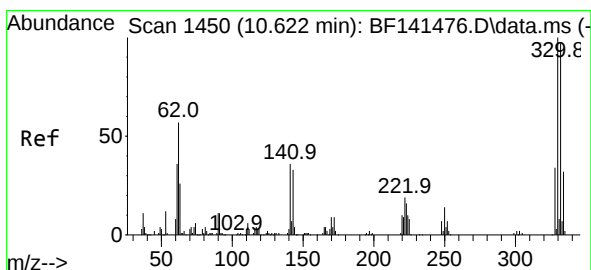
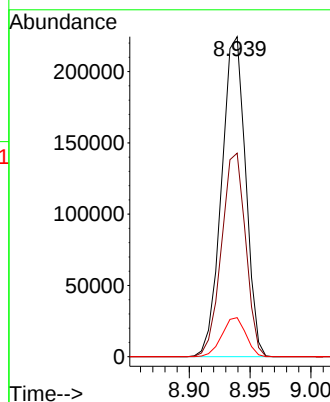
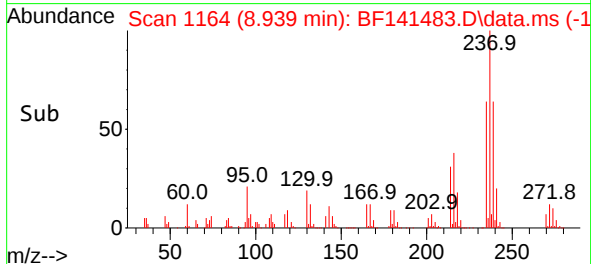
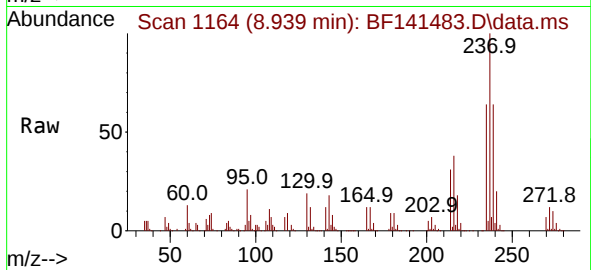
235 63.6 41.4 81.4

272 12.2 0.0 32.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#42

2,4,6-Tribromophenol

Concen: 91.167 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

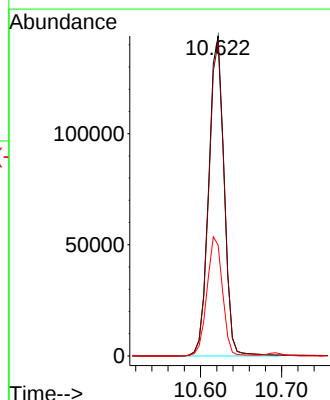
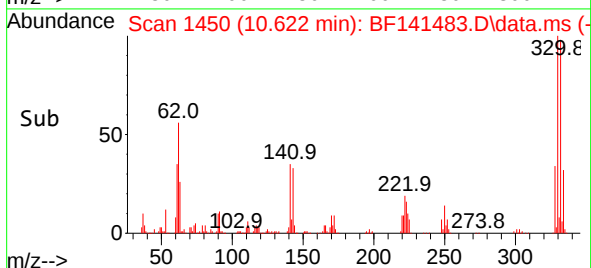
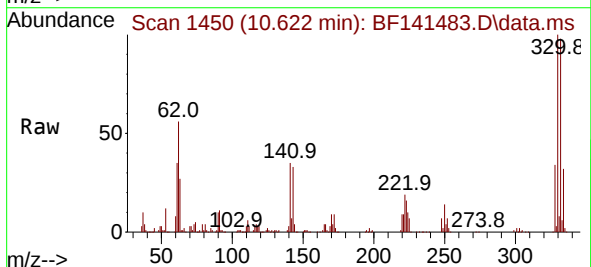
Tgt Ion:330 Resp: 189371

Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

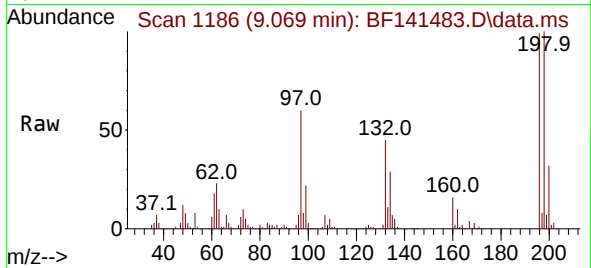
141 37.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.697 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

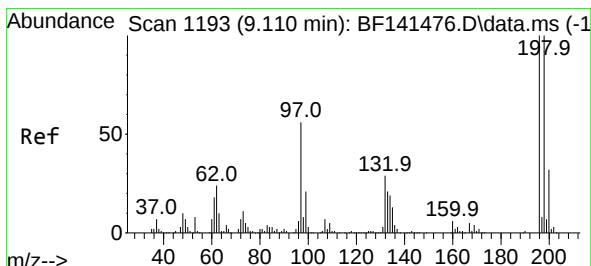
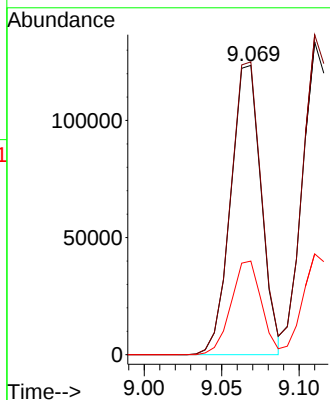
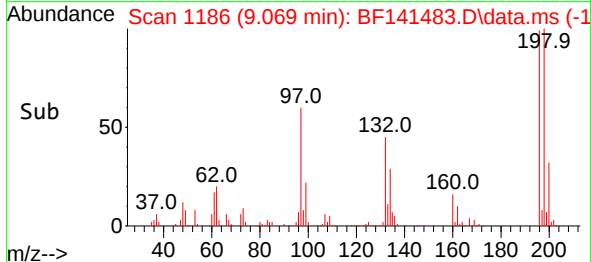
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



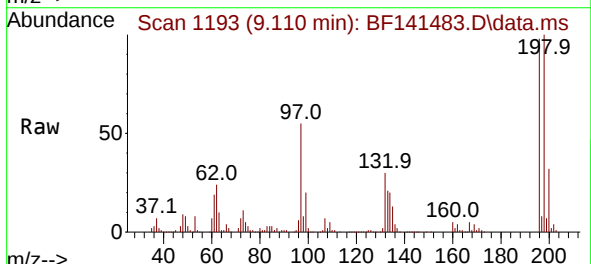
Tgt Ion:196 Resp: 16895
Ion Ratio Lower Upper
196 100
198 101.2 80.6 121.0
200 32.4 25.5 38.3

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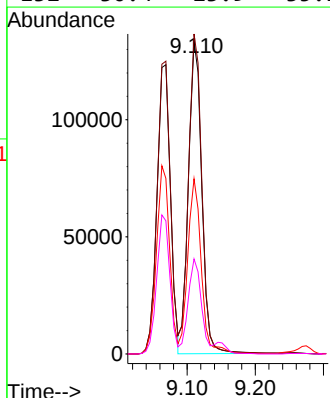
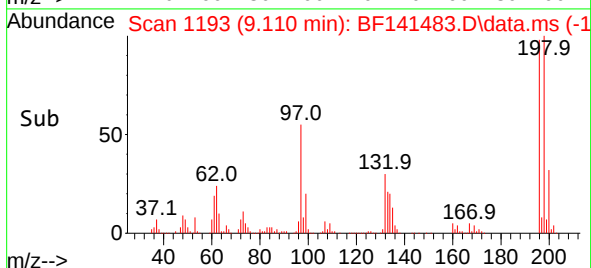
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

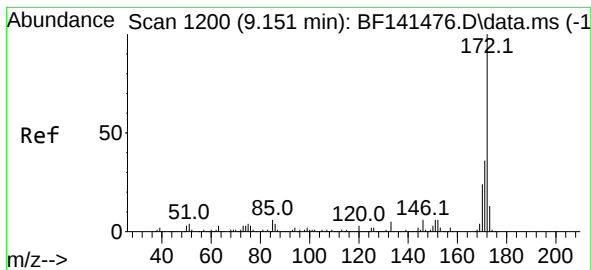


#44
2,4,5-Trichlorophenol
Concen: 43.126 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:196 Resp: 180713
Ion Ratio Lower Upper
196 100
198 102.3 79.8 119.8
97 56.1 44.8 67.2
132 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 89.803 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:172 Resp: 1205300

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

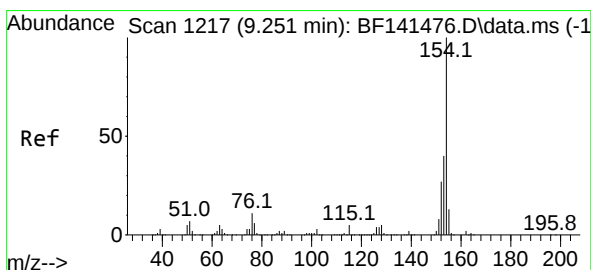
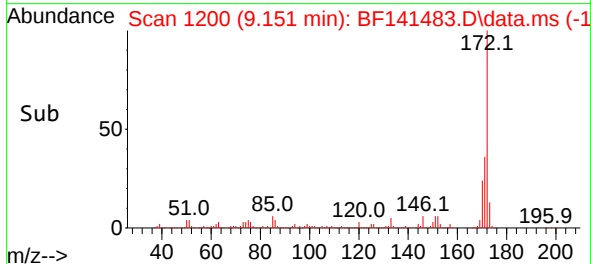
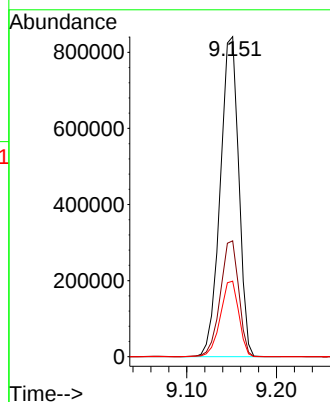
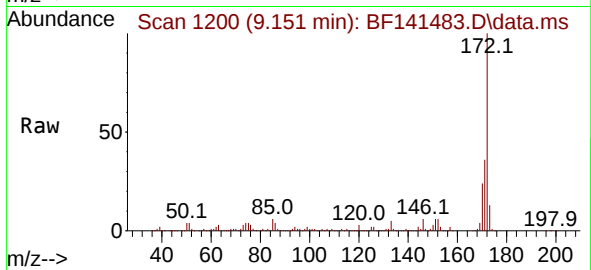
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#46

1,1'-Biphenyl

Concen: 46.064 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

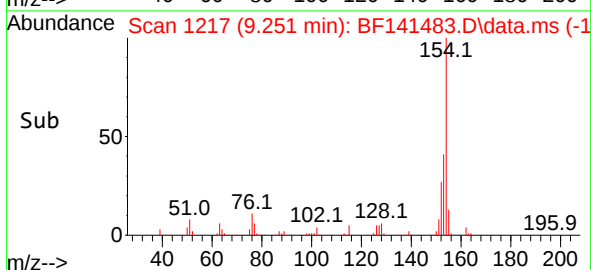
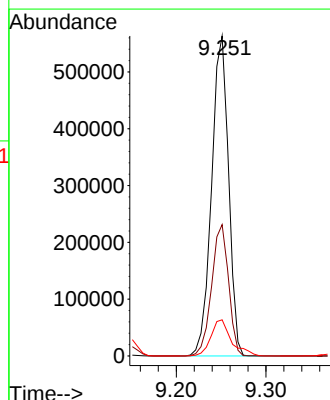
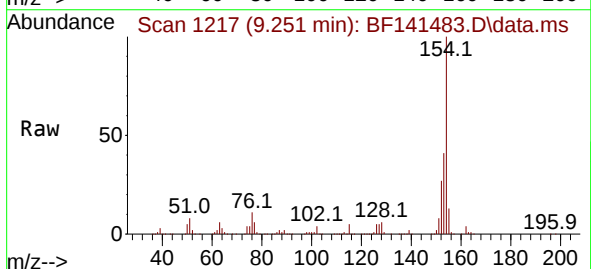
Tgt Ion:154 Resp: 738457

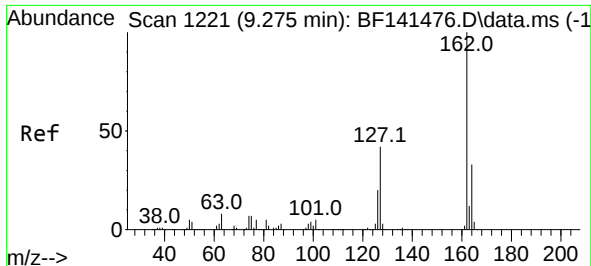
Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

76 11.3 0.0 30.8





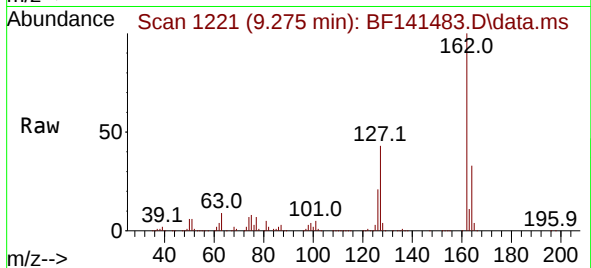
#47
2-Chloronaphthalene
Concen: 42.494 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

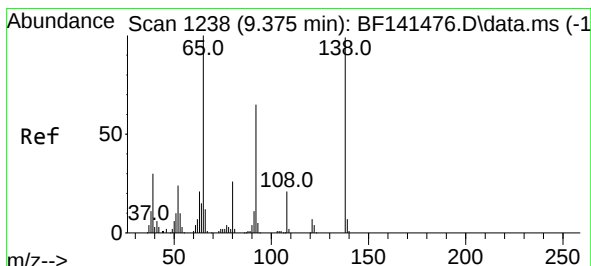
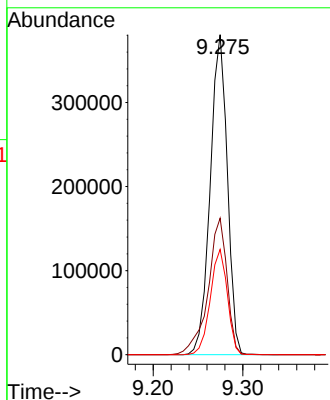
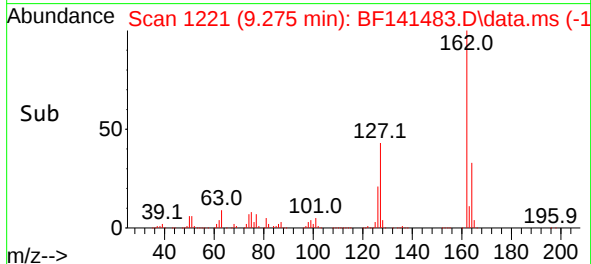


Tgt Ion:162 Resp: 50374
Ion Ratio Lower Upper
162 100
127 42.7 34.1 51.1
164 32.9 26.3 39.5

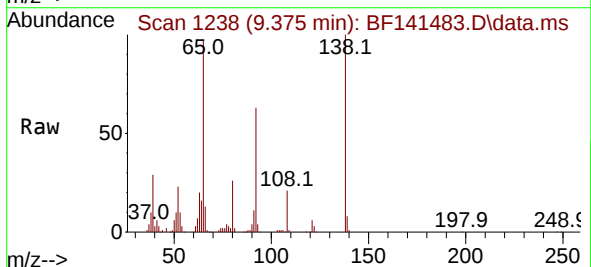
Manual Integrations

APPROVED

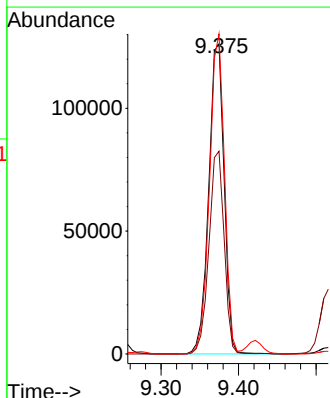
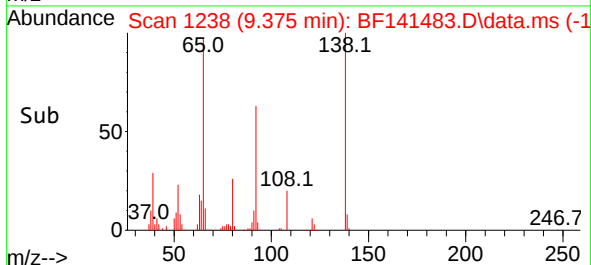
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

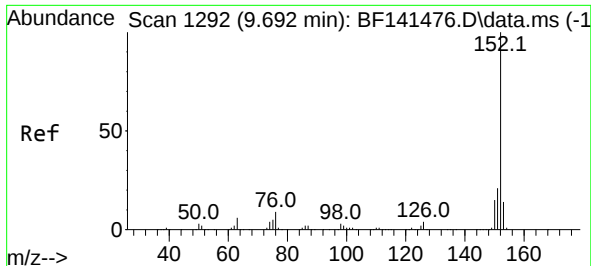


#48
2-Nitroaniline
Concen: 43.867 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



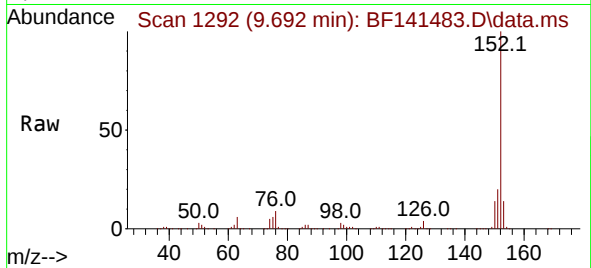
Tgt Ion: 65 Resp: 174522
Ion Ratio Lower Upper
65 100
92 65.4 52.2 78.2
138 103.2 79.5 119.3





#49
Acenaphthylene
Concen: 45.135 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

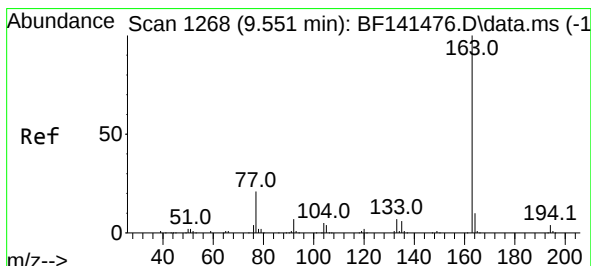
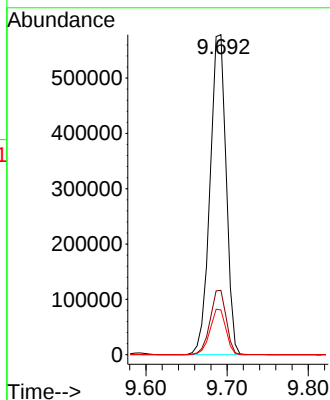
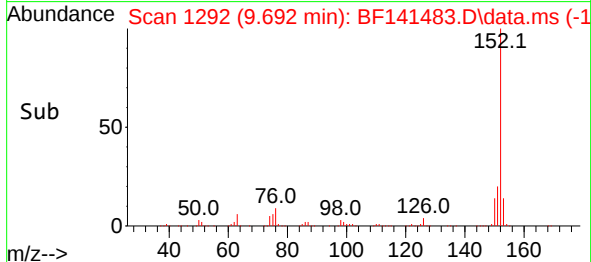
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



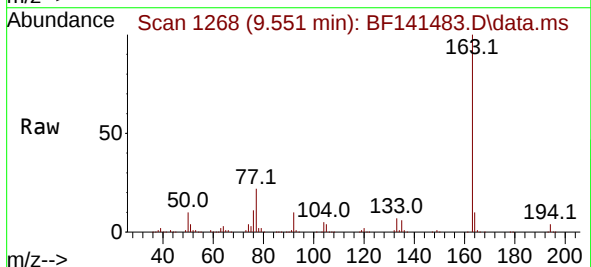
Tgt Ion:152 Resp: 79583
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 14.0 10.9 16.3

Manual Integrations
APPROVED

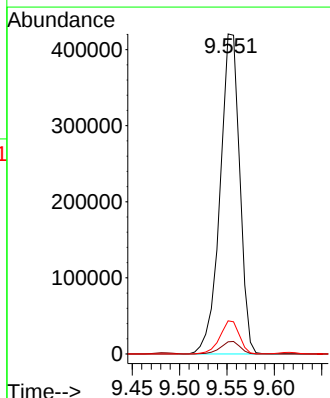
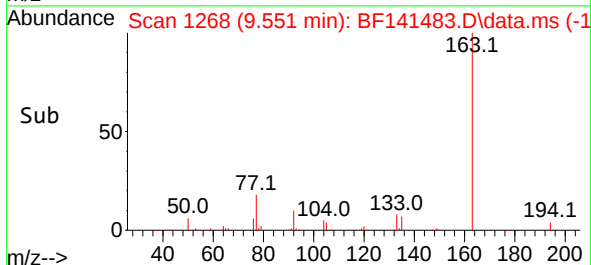
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#50
Dimethylphthalate
Concen: 43.317 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



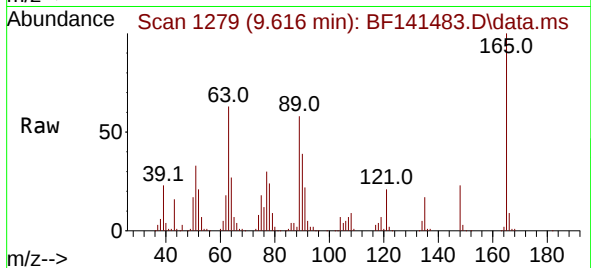
Tgt Ion:163 Resp: 608071
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.683 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

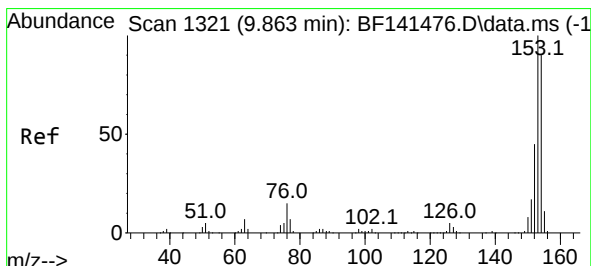
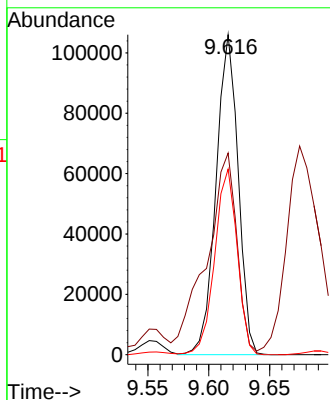
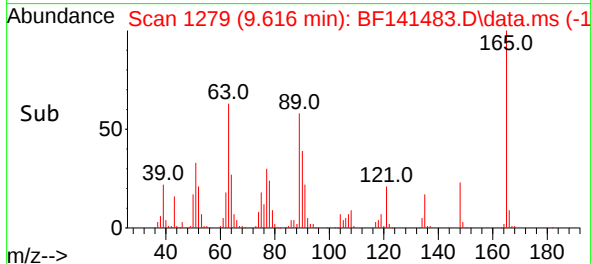
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



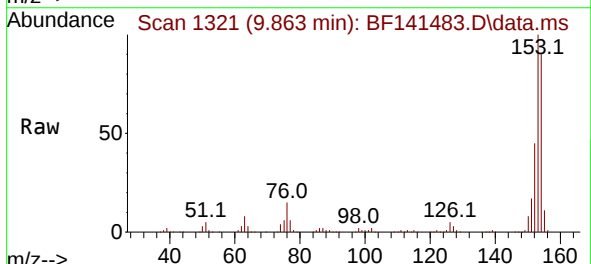
Tgt Ion:165 Resp: 134050
Ion Ratio Lower Upper
165 100
63 63.0 49.4 74.0
89 58.0 46.5 69.7

Manual Integrations
APPROVED

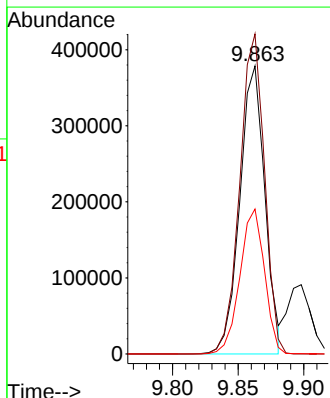
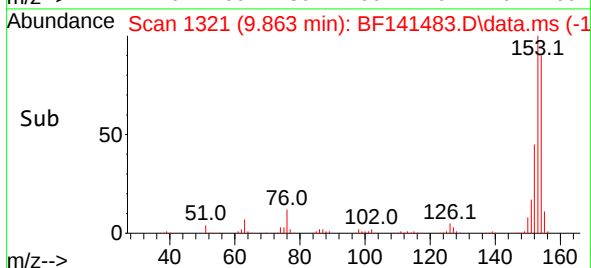
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

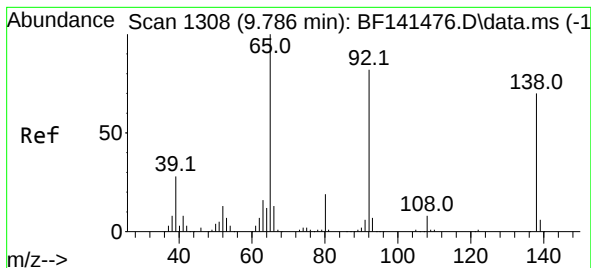


#52
Acenaphthene
Concen: 42.531 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:154 Resp: 504161
Ion Ratio Lower Upper
154 100
153 111.1 89.2 133.8
152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 25.306 ng

RT: 9.781 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

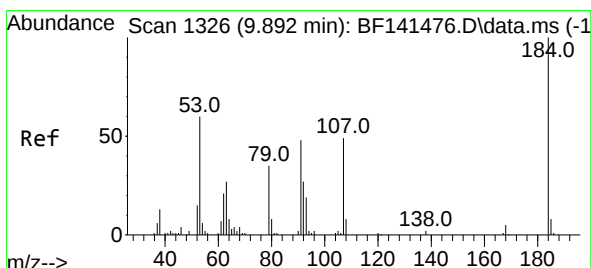
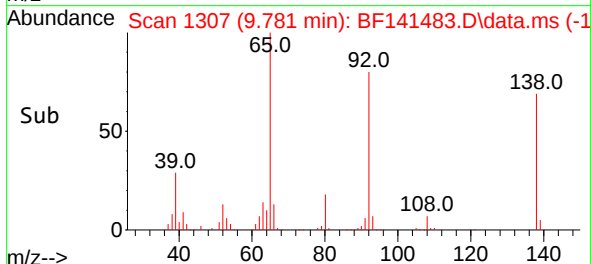
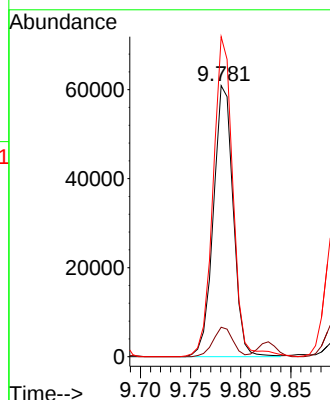
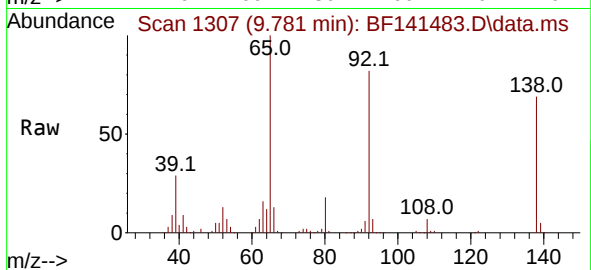
Tgt Ion:138 Resp: 8358

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	118.1	93.7	140.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54

2,4-Dinitrophenol

Concen: 97.050 ng

RT: 9.898 min Scan# 1327

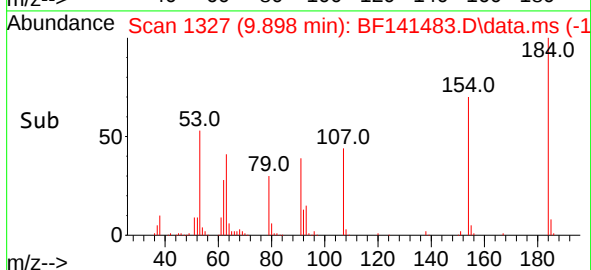
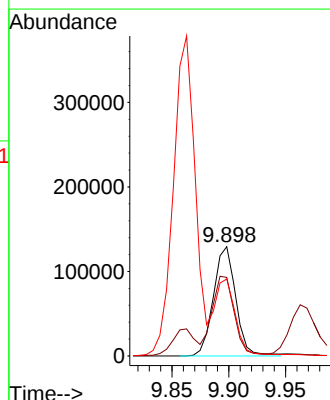
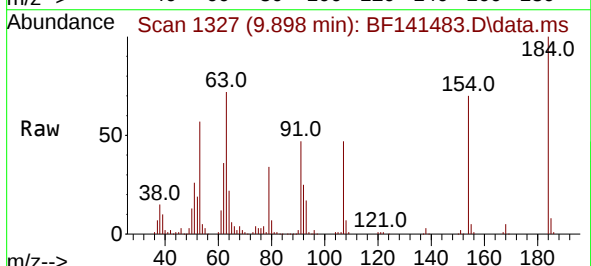
Delta R.T. -0.006 min

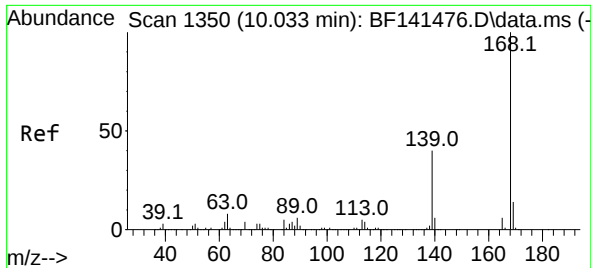
Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Tgt Ion:184 Resp: 177003

Ion	Ratio	Lower	Upper
184	100		
63	71.9	61.0	91.6
154	70.5	59.9	89.9





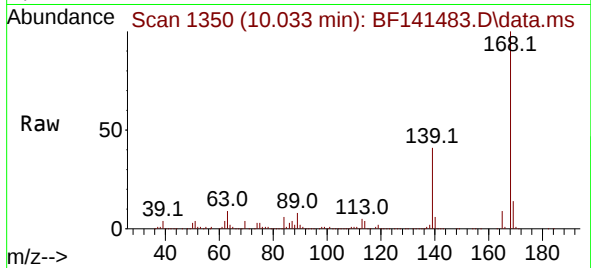
#55
Dibenzenofuran
Concen: 41.455 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

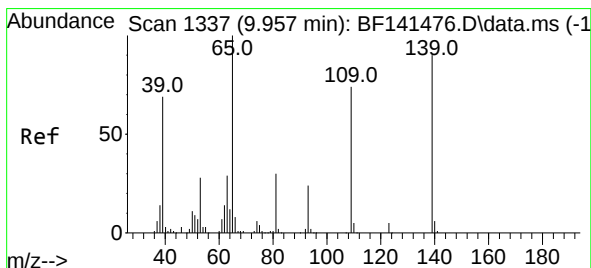
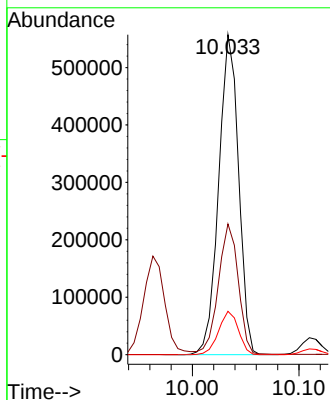
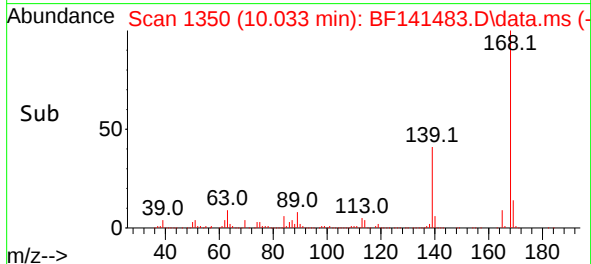


Tgt Ion:168 Resp: 721298
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.5 10.8 16.2

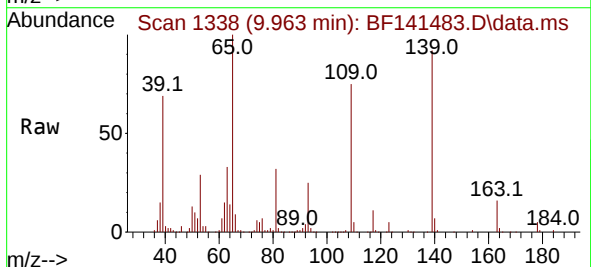
Manual Integrations

APPROVED

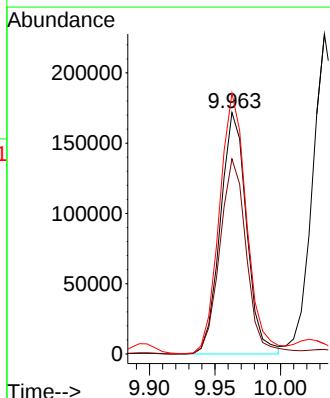
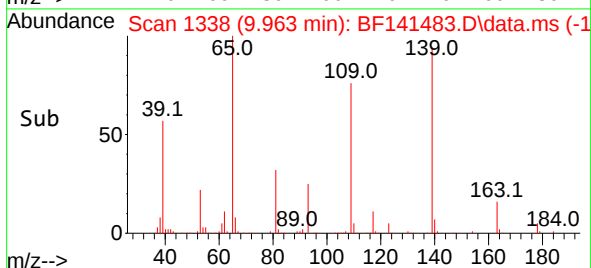
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

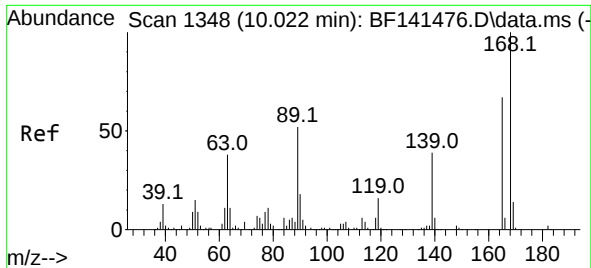


#56
4-Nitrophenol
Concen: 97.468 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:139 Resp: 238975
Ion Ratio Lower Upper
139 100
109 80.8 62.0 102.0
65 108.1 91.2 131.2





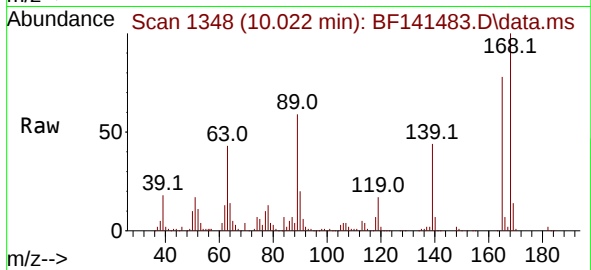
#57
2,4-Dinitrotoluene
Concen: 47.263 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

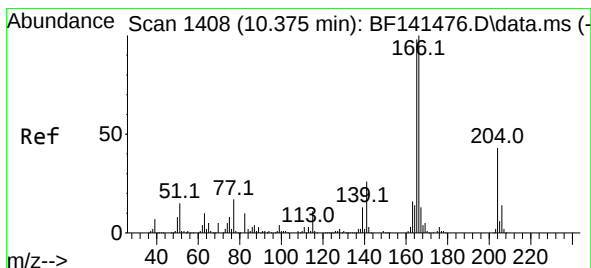
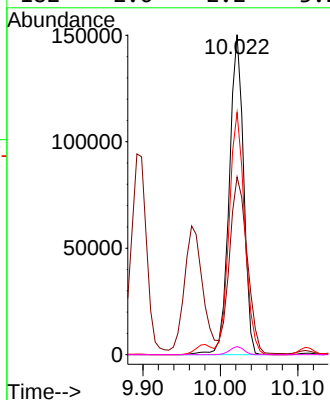
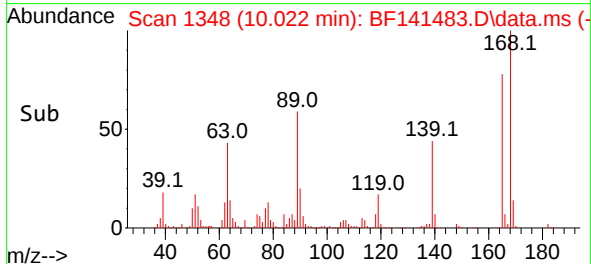


Tgt Ion:165 Resp: 193080
Ion Ratio Lower Upper
165 100
63 55.6 46.4 69.6
89 75.7 61.8 92.6
182 2.6 2.2 3.2

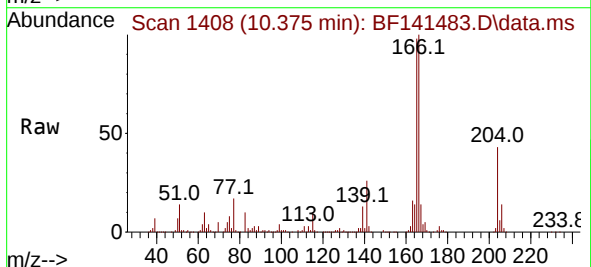
Manual Integrations

APPROVED

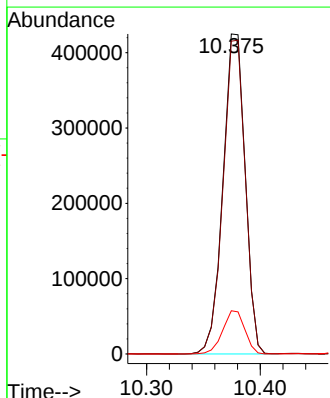
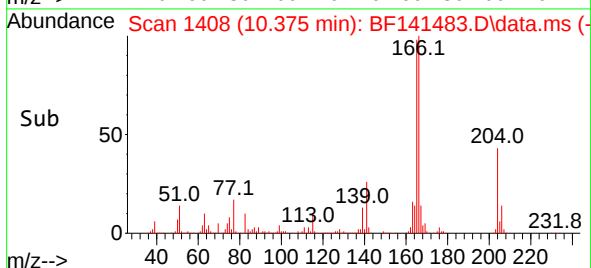
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#58
Fluorene
Concen: 42.926 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



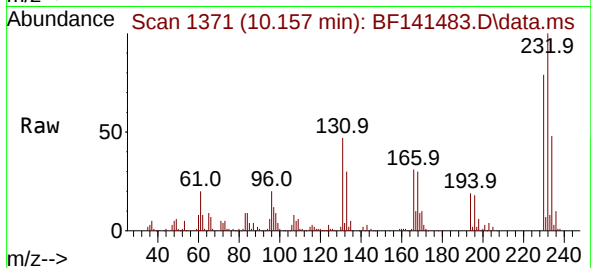
Tgt Ion:166 Resp: 577492
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.226 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

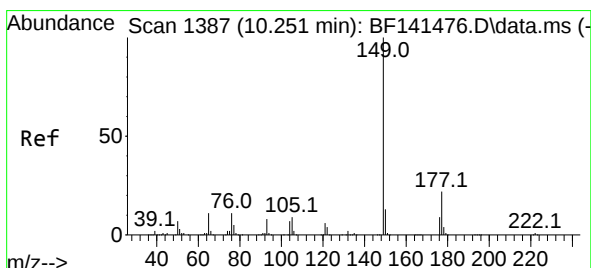
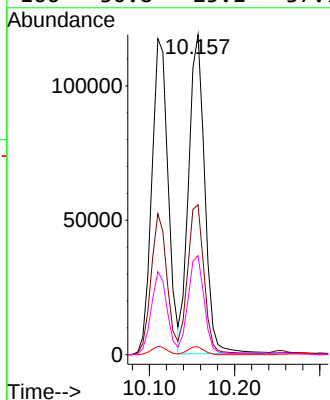
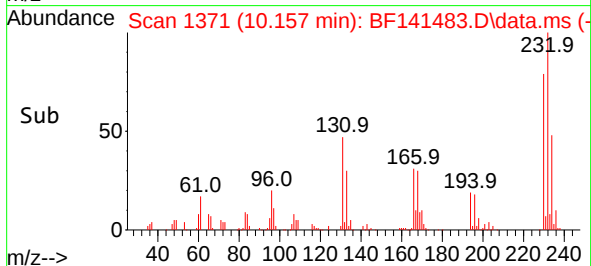
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



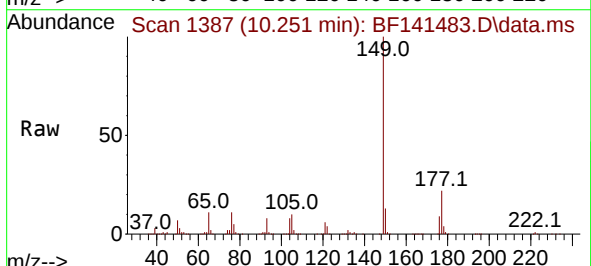
Tgt Ion:232 Resp: 15594
Ion Ratio Lower Upper
232 100
131 48.3 39.2 58.8
130 2.5 2.1 3.1
166 30.8 25.1 37.7

Manual Integrations
APPROVED

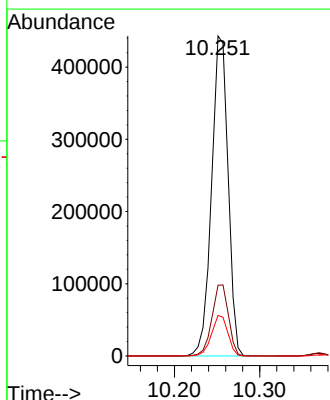
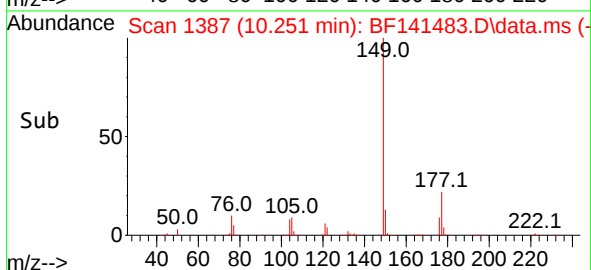
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

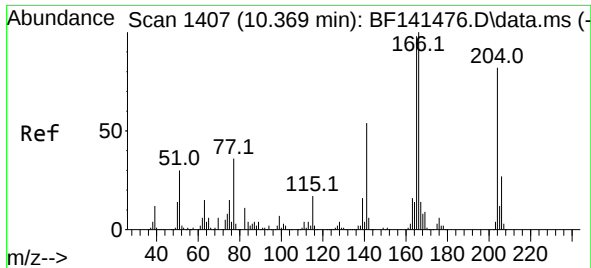


#60
Diethylphthalate
Concen: 43.158 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



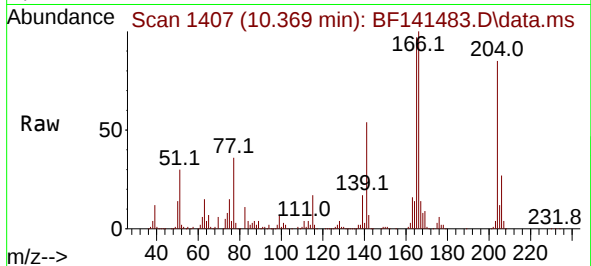
Tgt Ion:149 Resp: 596065
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.313 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

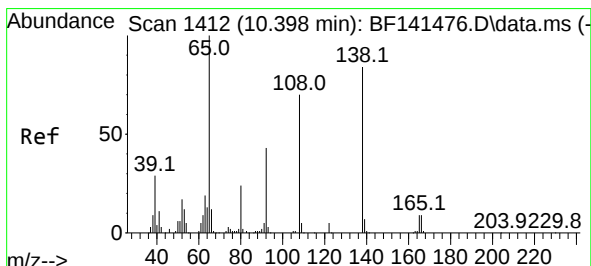
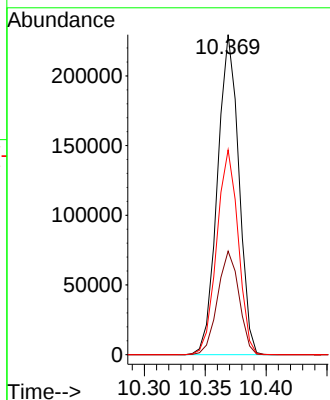
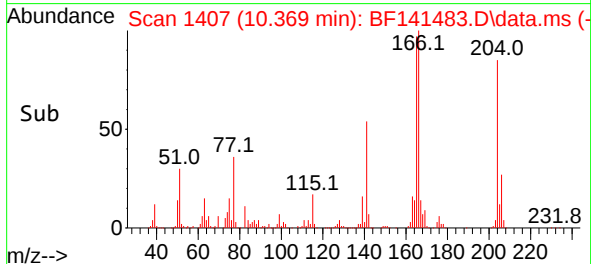
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



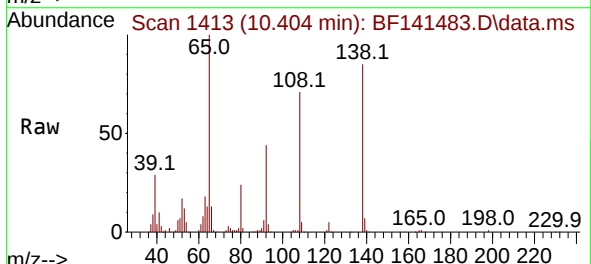
Tgt Ion:204 Resp: 280329
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.0 51.9 77.9

Manual Integrations
APPROVED

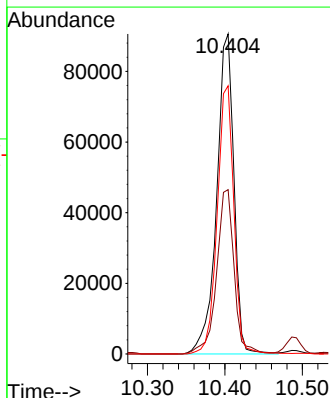
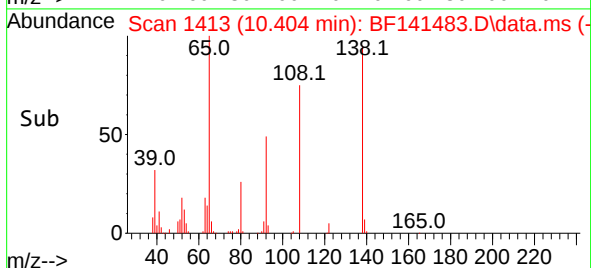
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

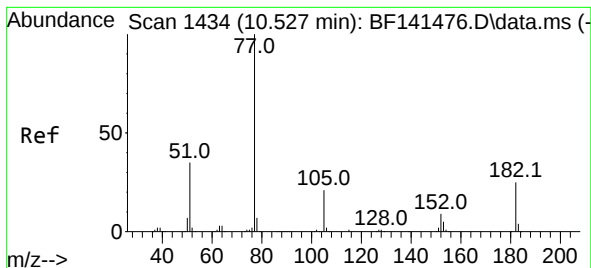


#62
4-Nitroaniline
Concen: 41.733 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:138 Resp: 139964
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 83.8 63.7 103.7





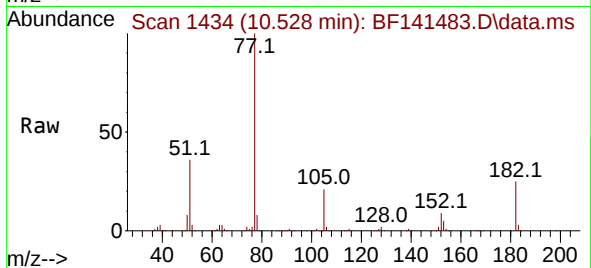
#63
Azobenzene
Concen: 42.490 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

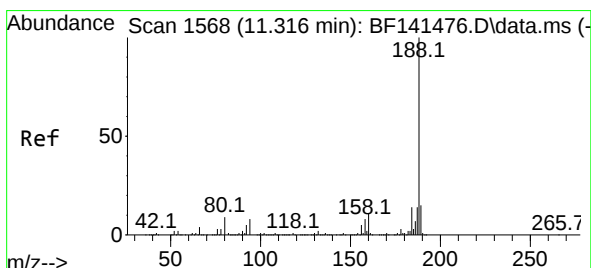
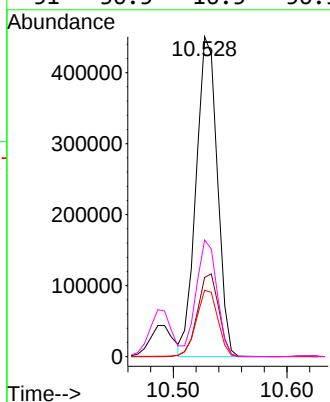
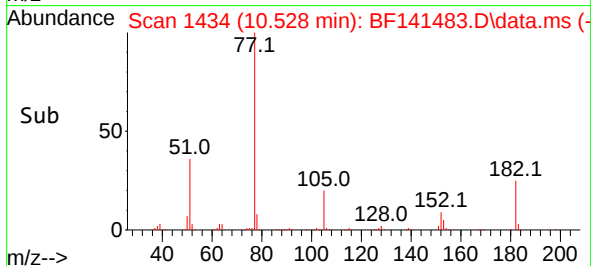


Tgt Ion: 77 Resp: 58339
Ion Ratio Lower Upper
77 100
182 24.8 4.7 44.7
105 20.7 0.4 40.4
51 36.5 16.5 56.5

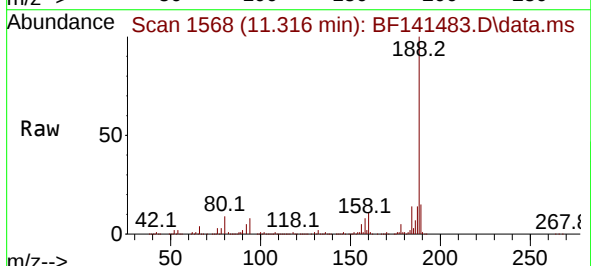
Manual Integrations

APPROVED

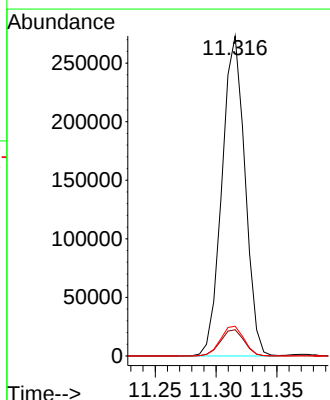
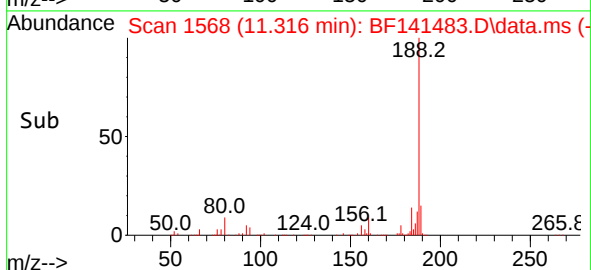
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

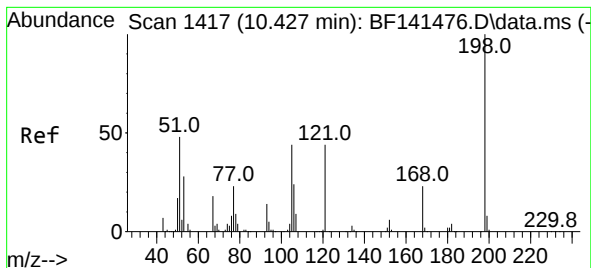


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



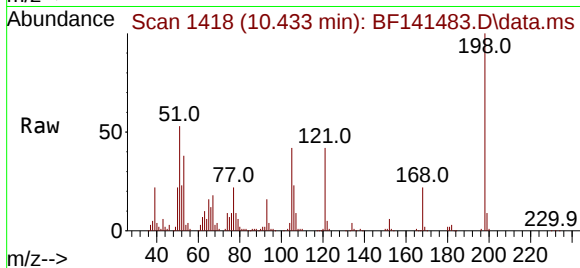
Tgt Ion:188 Resp: 358845
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 45.418 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

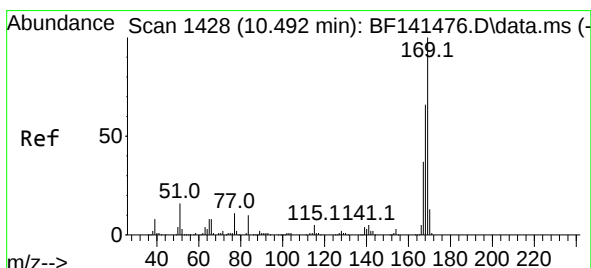
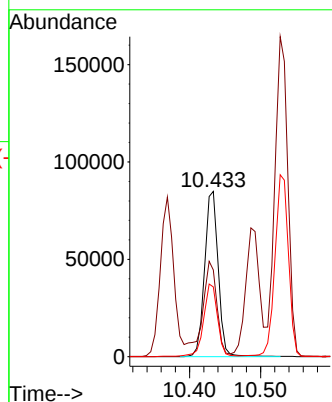
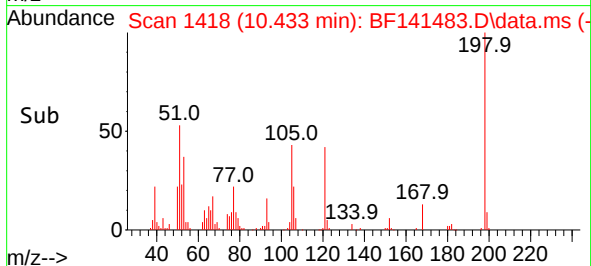
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:198 Resp: 113214
Ion Ratio Lower Upper
198 100
51 52.5 37.4 77.4
105 42.2 25.2 65.2

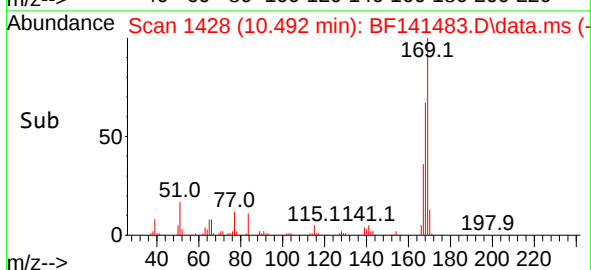
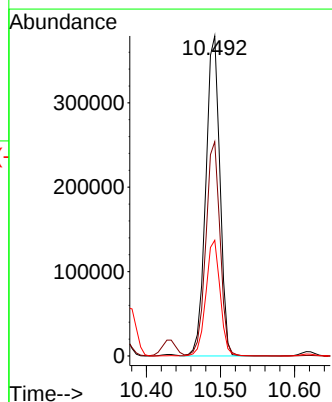
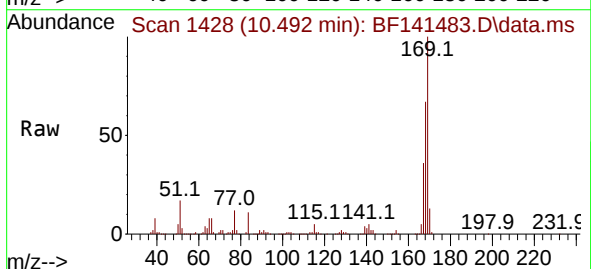
Manual Integrations
APPROVED

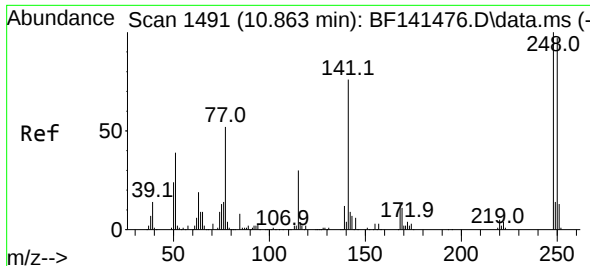
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 43.619 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

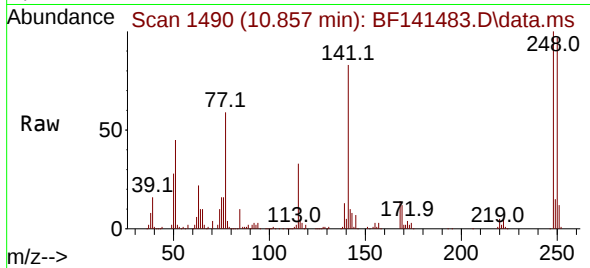
Tgt Ion:169 Resp: 501045
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.762 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

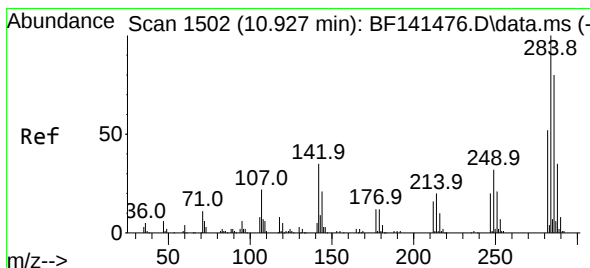
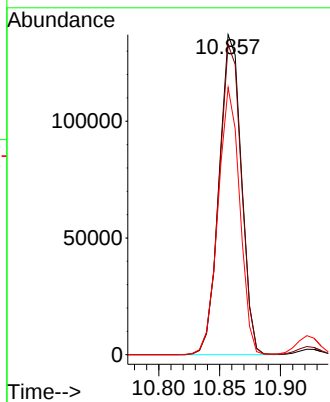
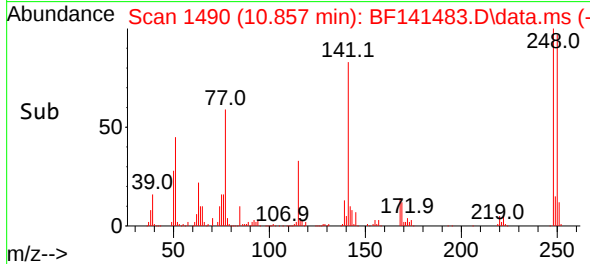
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



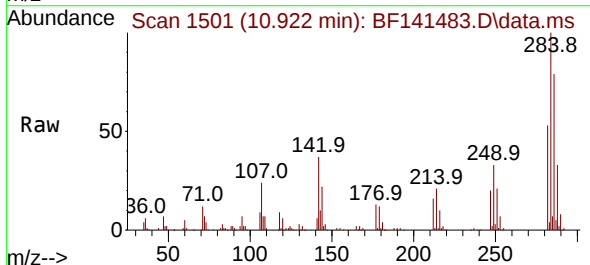
Tgt Ion:248 Resp: 175510
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 83.5 60.6 90.8

Manual Integrations
APPROVED

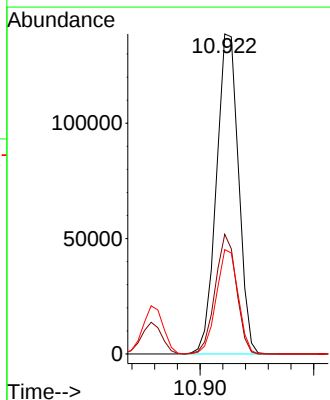
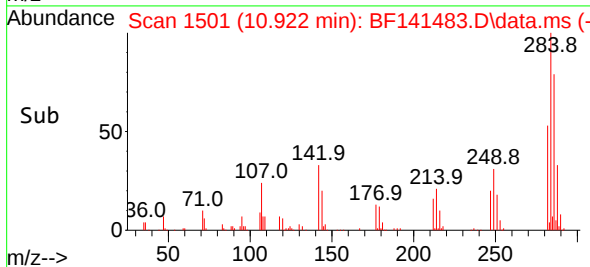
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

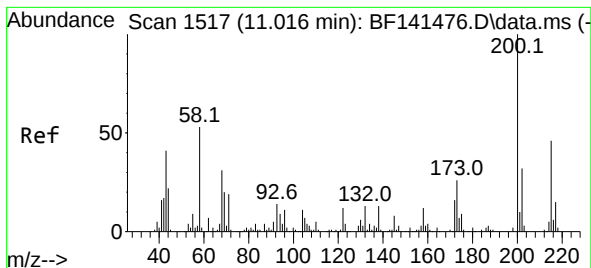


#68
Hexachlorobenzene
Concen: 45.421 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:284 Resp: 187578
Ion Ratio Lower Upper
284 100
142 37.4 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 57.840 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:200 Resp: 19932

Ion Ratio Lower Upper

200 100

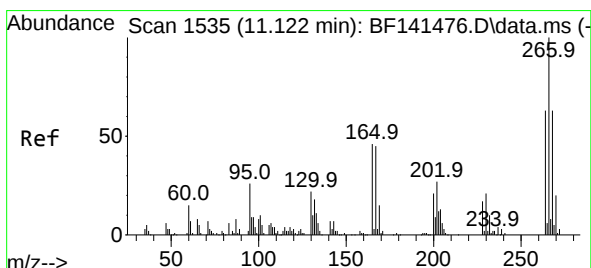
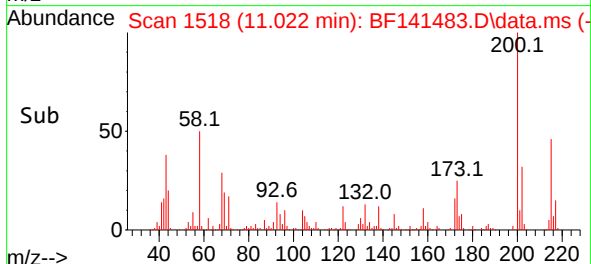
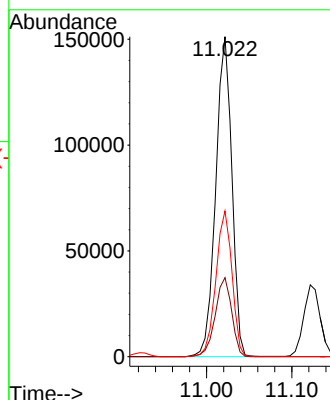
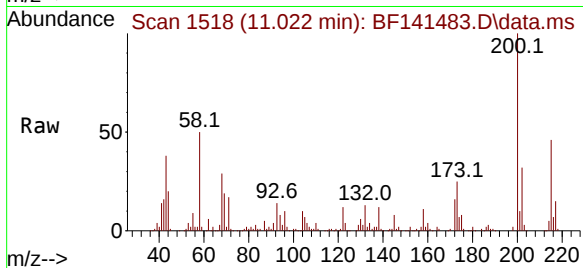
173 24.7 5.9 45.9

215 45.5 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#70

Pentachlorophenol

Concen: 89.053 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

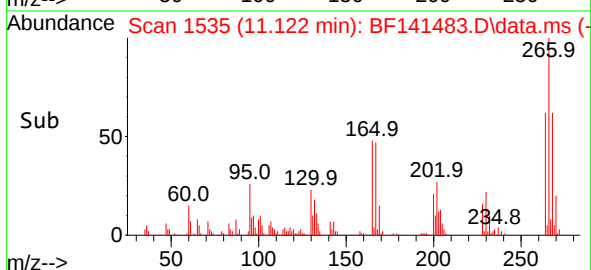
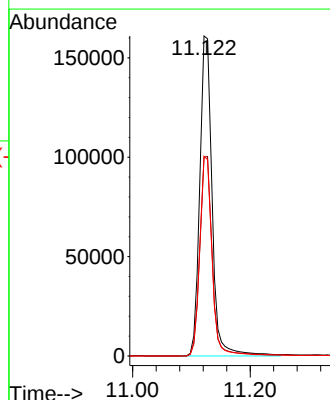
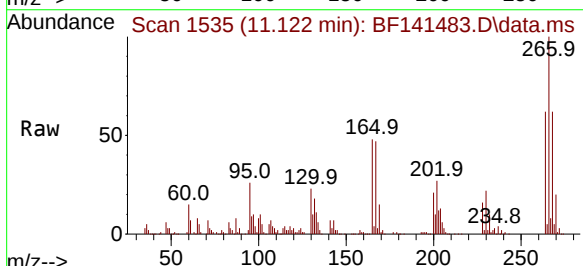
Tgt Ion:266 Resp: 235159

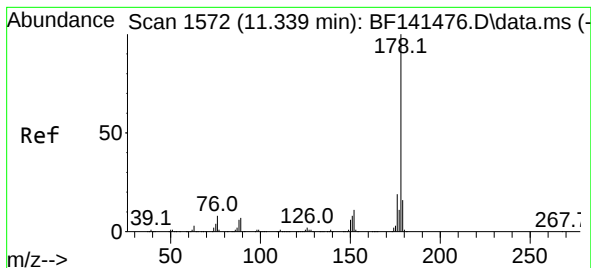
Ion Ratio Lower Upper

266 100

268 62.2 50.1 75.1

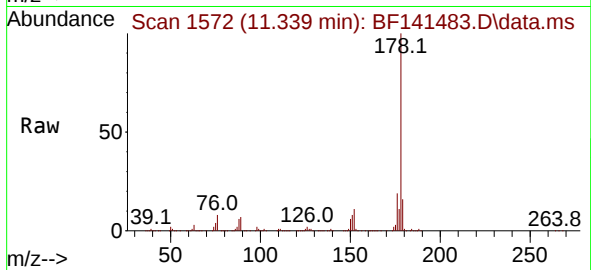
264 62.4 50.1 75.1





#71
Phenanthrene
Concen: 44.270 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

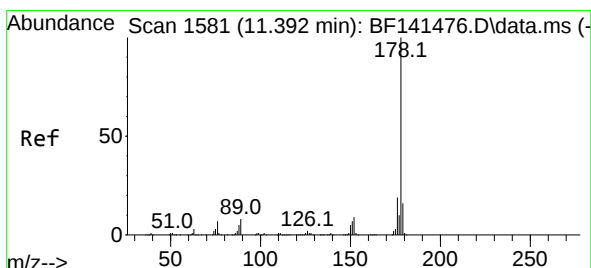
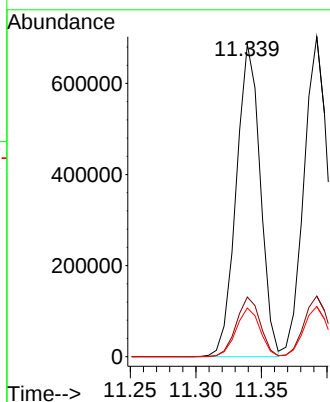
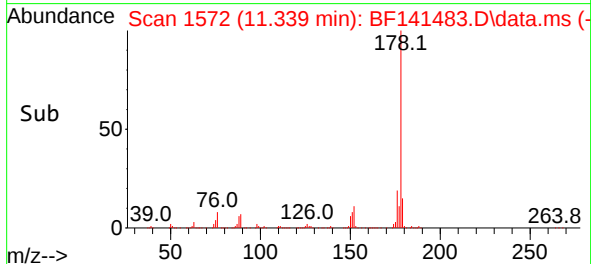
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:178 Resp: 874464
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.4 18.6

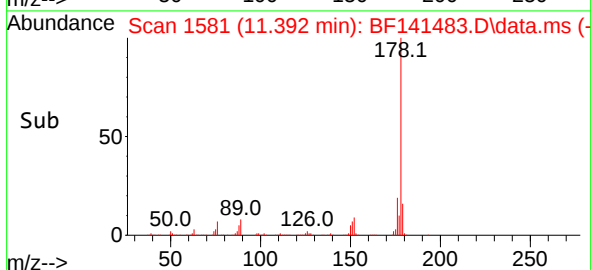
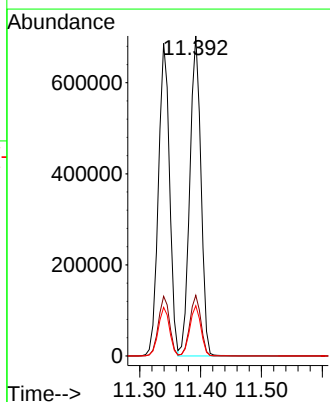
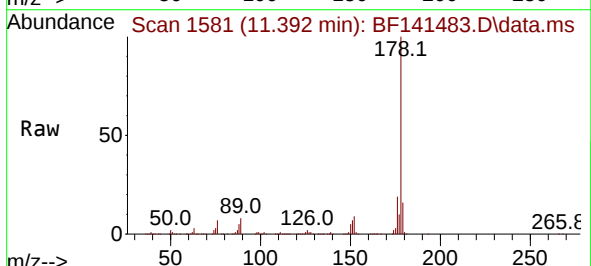
Manual Integrations
APPROVED

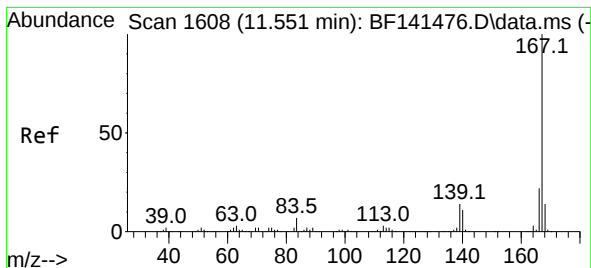
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 44.864 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:178 Resp: 890846
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.235 ng

RT: 11.551 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF141483.D

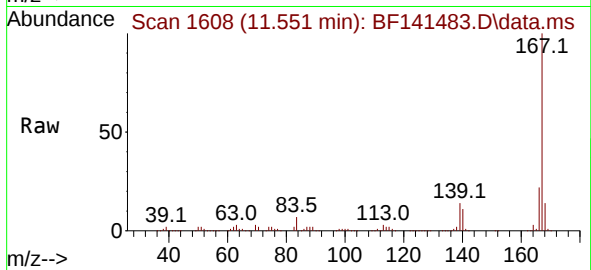
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

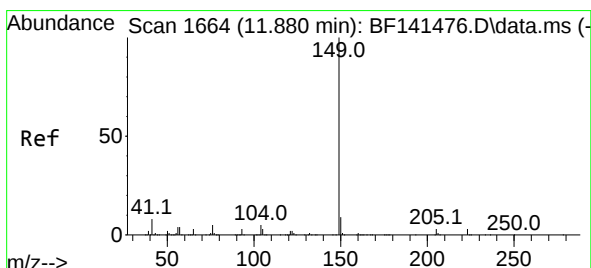
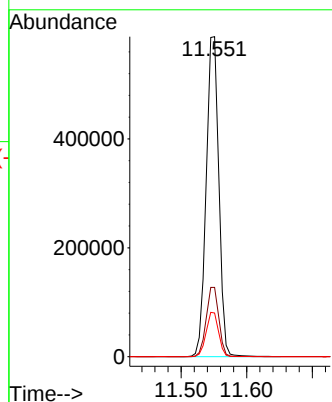
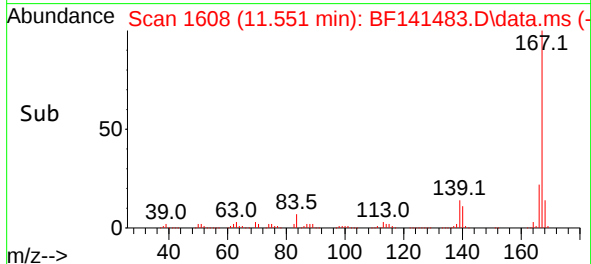


Tgt Ion:167	Resp: 79032
Ion Ratio	Lower Upper
167	100
166	21.6 17.4 26.2
139	13.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#74

Di-n-butylphthalate

Concen: 44.877 ng

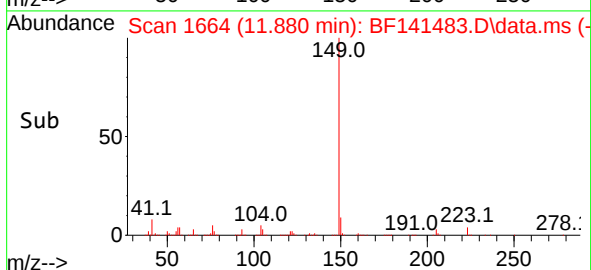
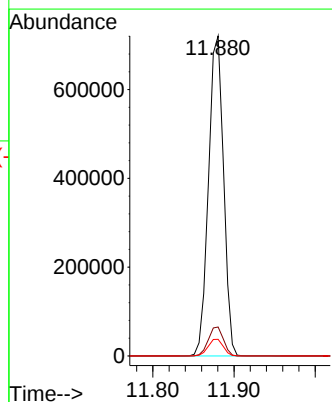
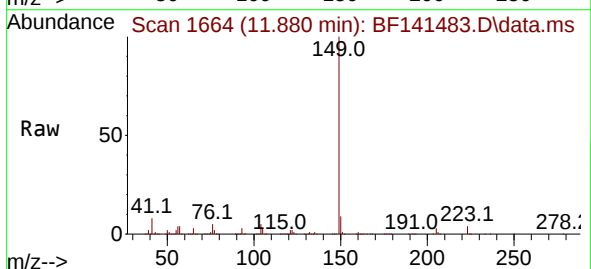
RT: 11.880 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

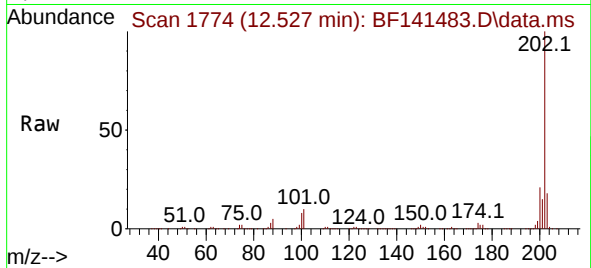
Tgt Ion:149	Resp: 925802
Ion Ratio	Lower Upper
149	100
150	9.1 7.4 11.0
104	5.2 4.2 6.2





#75
Fluoranthene
Concen: 44.565 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

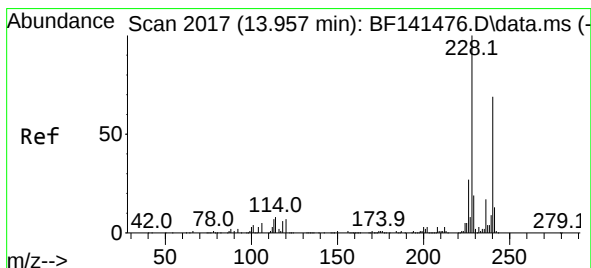
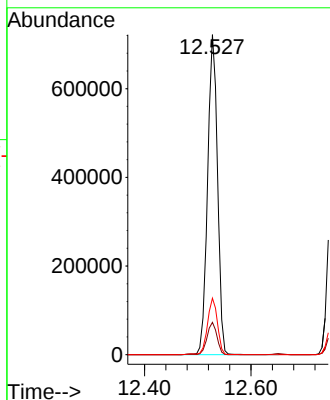
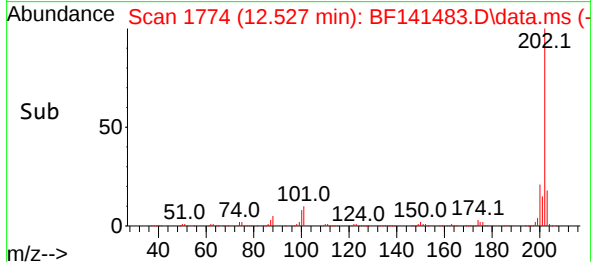
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



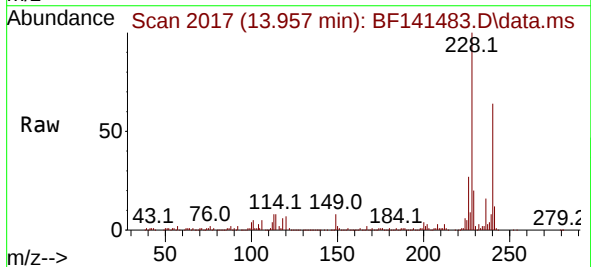
Tgt Ion:202 Resp: 93327
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.6 0.0 37.6

Manual Integrations
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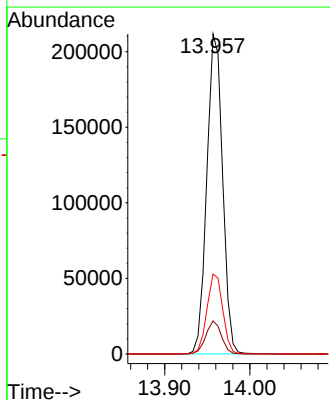
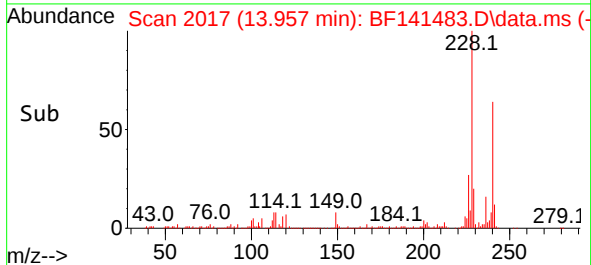
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

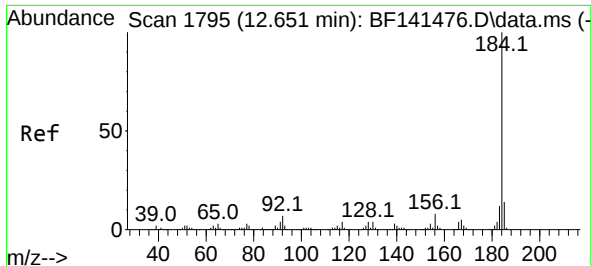


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



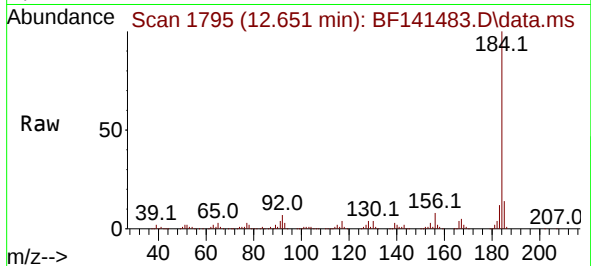
Tgt Ion:240 Resp: 272627
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8





#77
Benzidine
Concen: 59.053 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

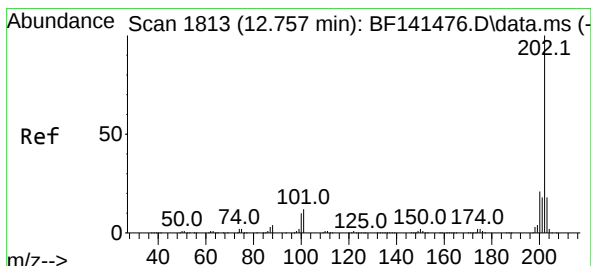
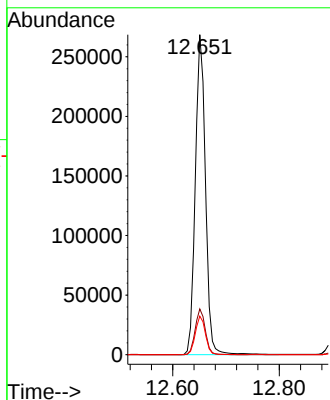
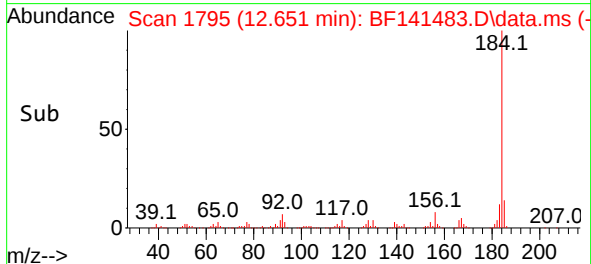
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



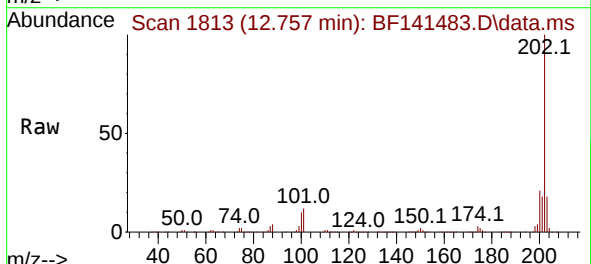
Tgt Ion:184 Resp: 355064
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.0 9.3 13.9

Manual Integrations
APPROVED

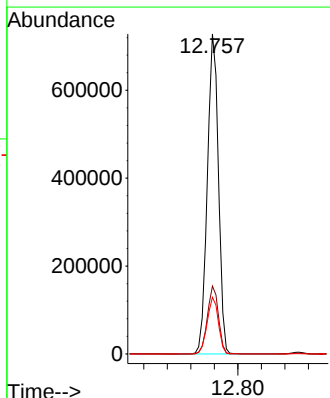
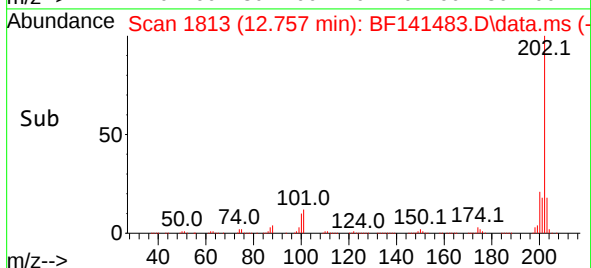
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#78
Pyrene
Concen: 41.144 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:202 Resp: 954862
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 89.889 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:244 Resp: 145164

Ion Ratio Lower Upper

244 100

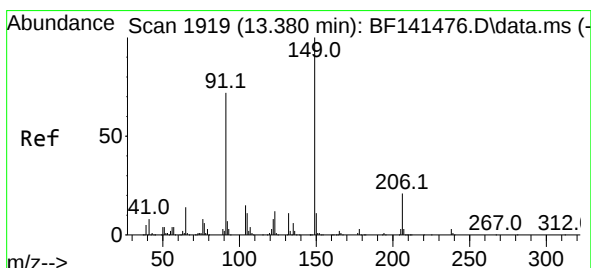
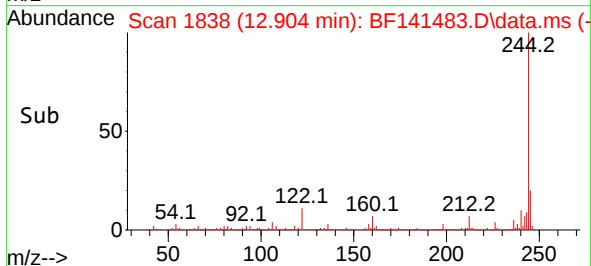
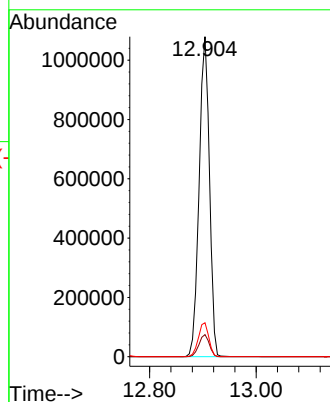
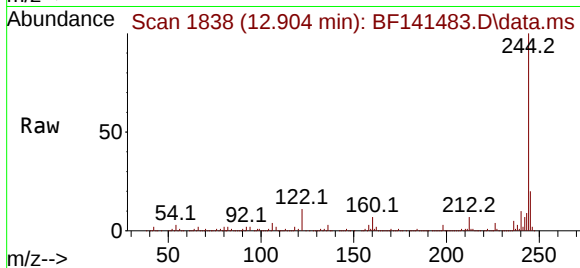
212 6.9 5.6 8.4

122 10.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#80

Butylbenzylphthalate

Concen: 45.973 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

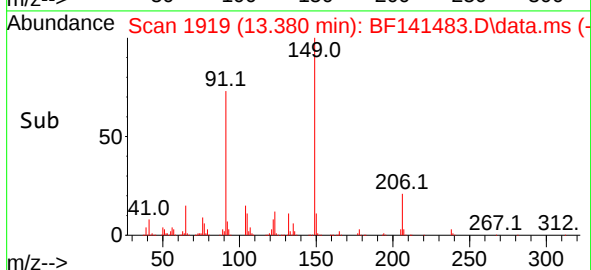
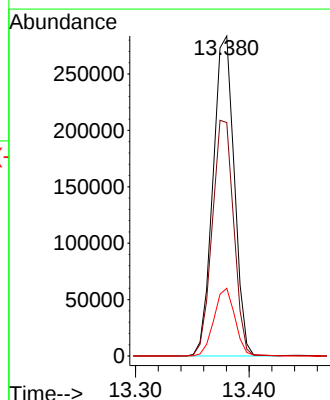
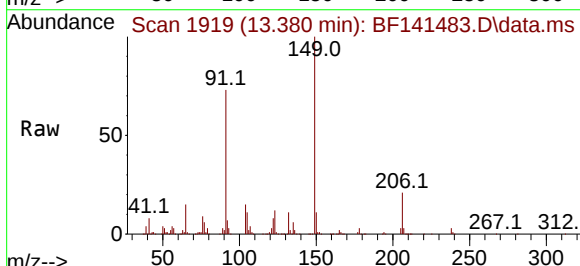
Tgt Ion:149 Resp: 369557

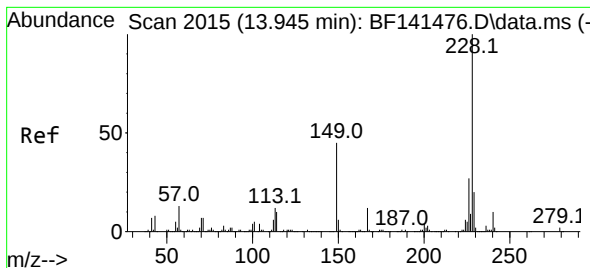
Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.8

206 21.2 16.7 25.1





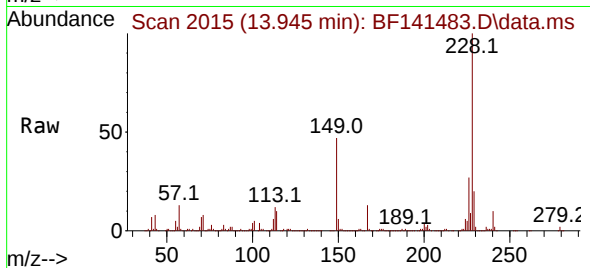
#81
Benzo(a)anthracene
Concen: 44.847 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

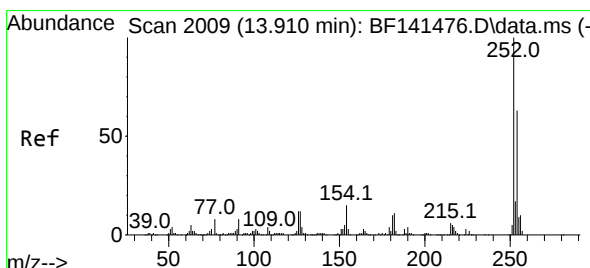
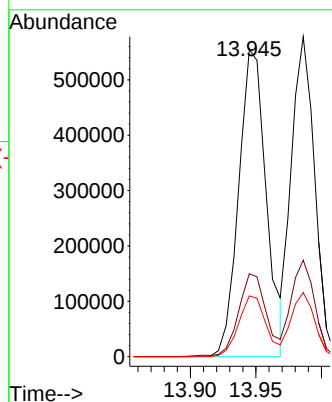
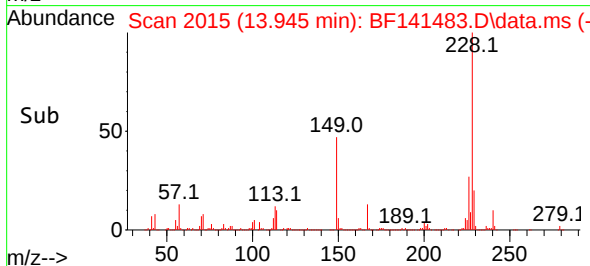


Tgt Ion:228 Resp: 812744
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 15.8 23.6

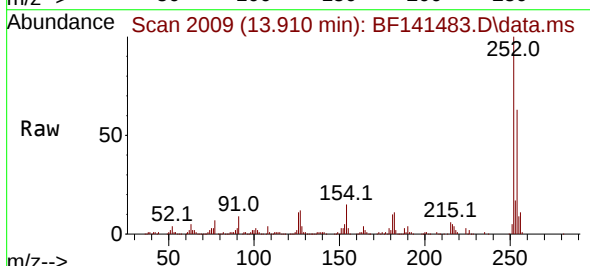
Manual Integrations

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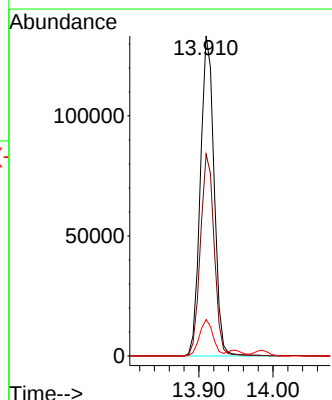
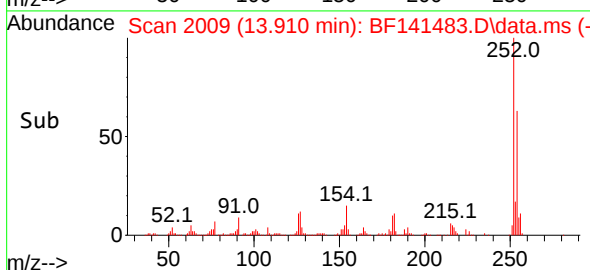
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

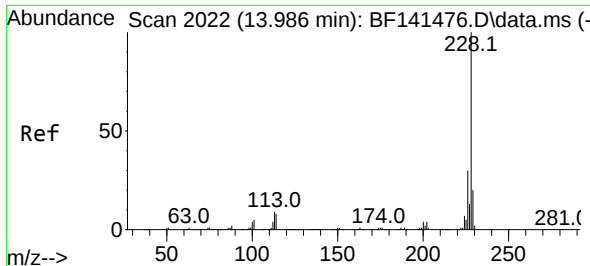


#82
3,3'-Dichlorobenzidine
Concen: 33.044 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



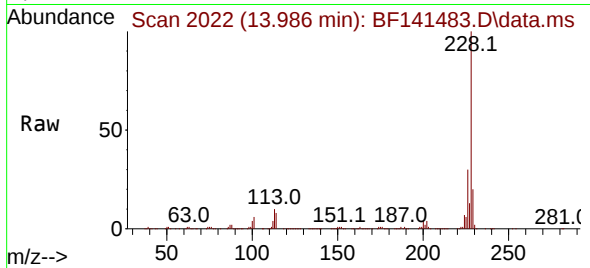
Tgt Ion:252 Resp: 171542
Ion Ratio Lower Upper
252 100
254 63.0 50.6 76.0
126 11.4 9.3 13.9





#83
Chrysene
Concen: 42.643 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

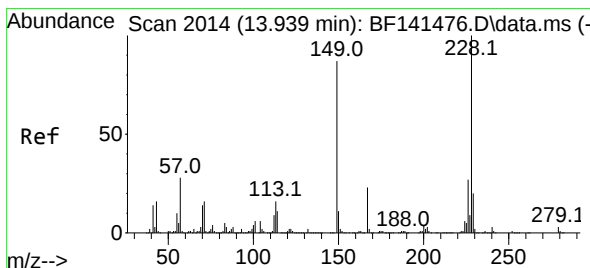
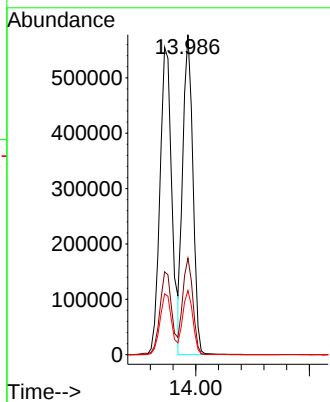
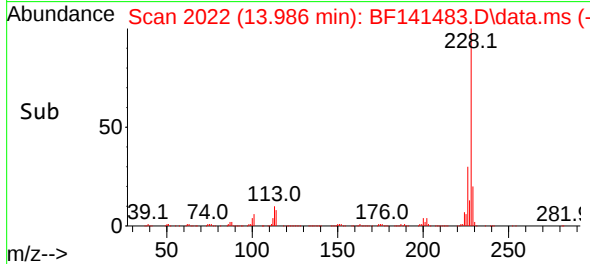
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



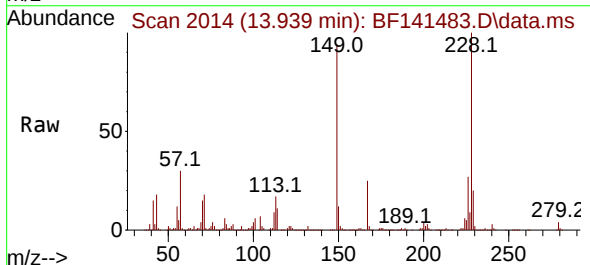
Tgt Ion:228 Resp: 713550
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 20.1 15.7 23.5

Manual Integrations
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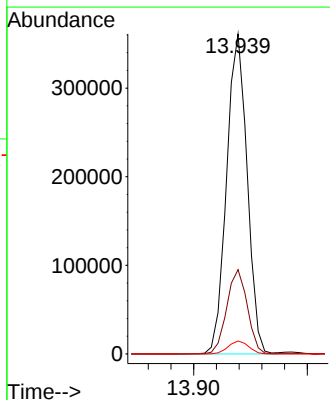
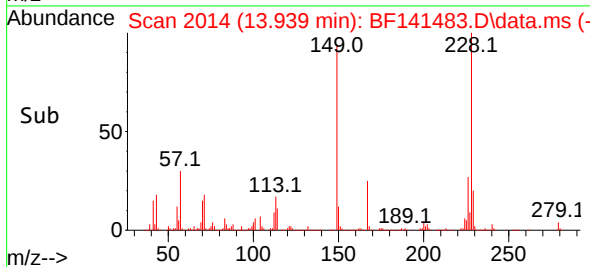
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

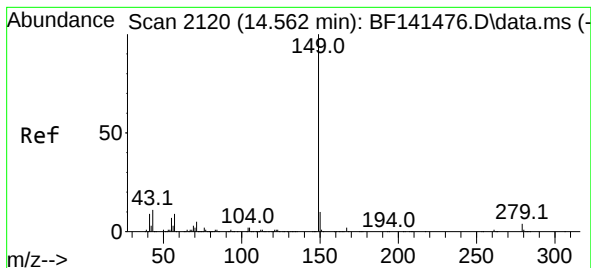


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.979 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:149 Resp: 453122
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.021 ng

RT: 14.563 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

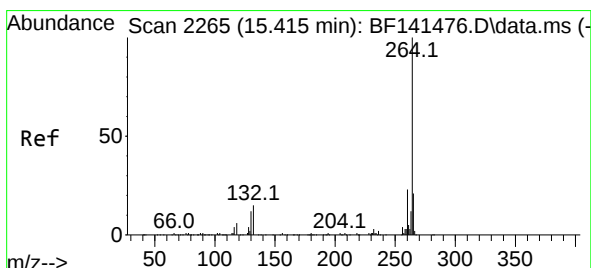
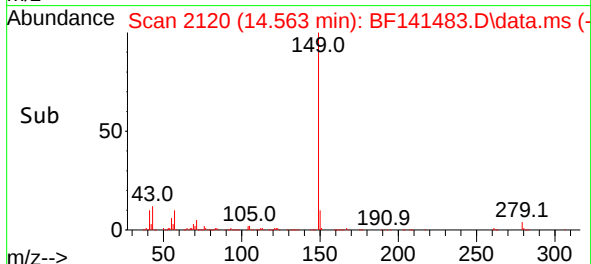
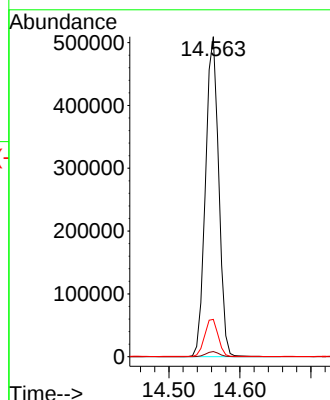
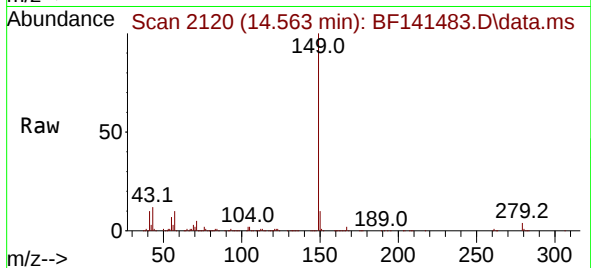
PB166468BSD

Tgt Ion:149 Resp: 659898
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.9 9.5 14.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#86

Perylene-d12

Concen: 20.000 ng

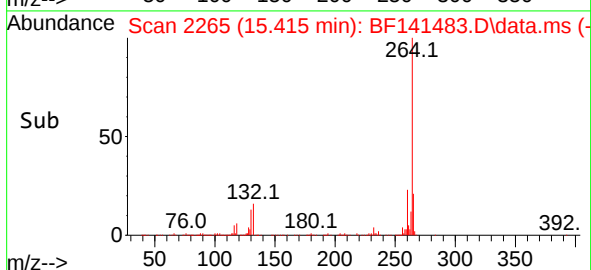
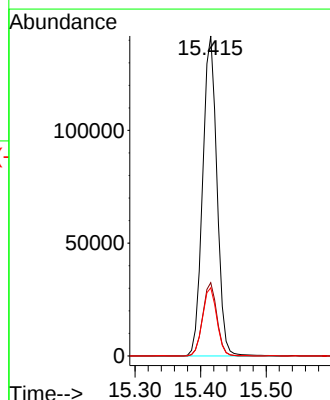
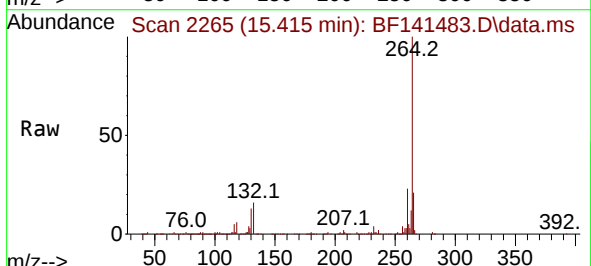
RT: 15.415 min Scan# 2265

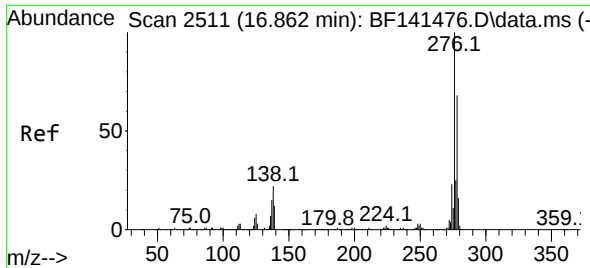
Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

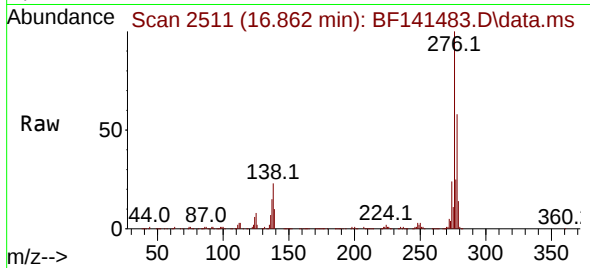
Tgt Ion:264 Resp: 215428
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.245 ng
RT: 16.862 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

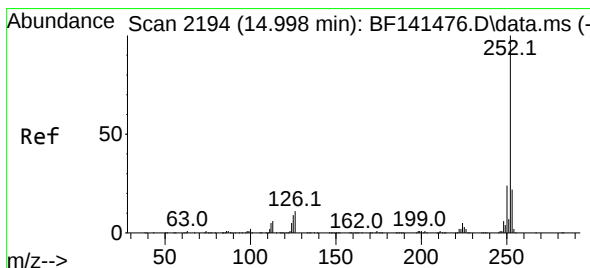
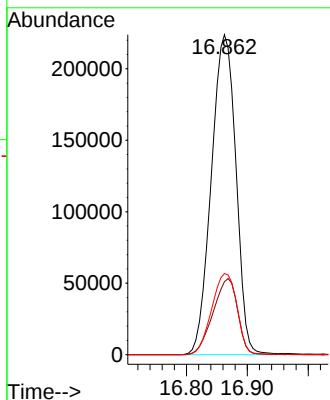
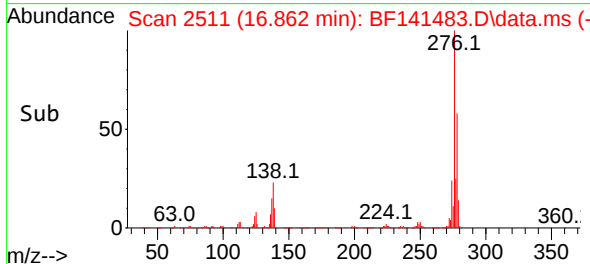
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



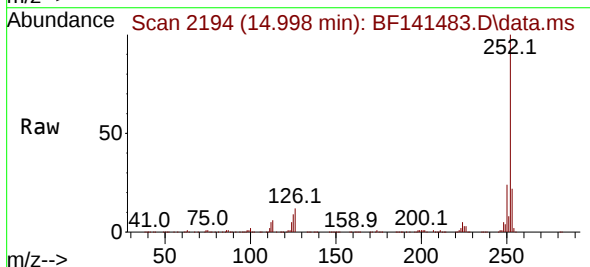
Tgt Ion:276 Resp: 628870
Ion Ratio Lower Upper
276 100
138 23.8 18.0 27.0
277 26.1 20.4 30.6

Manual Integrations
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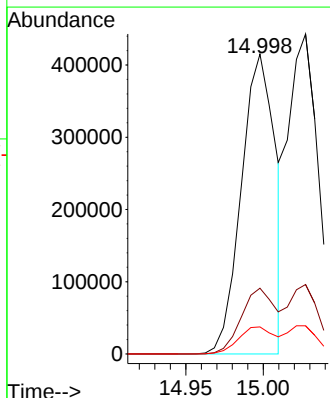
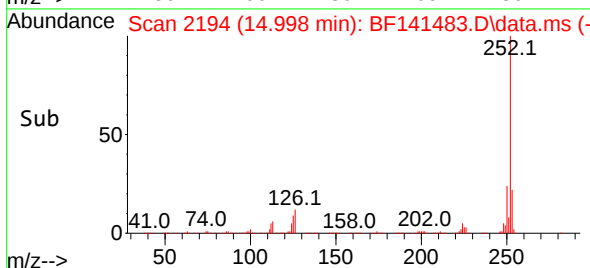
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

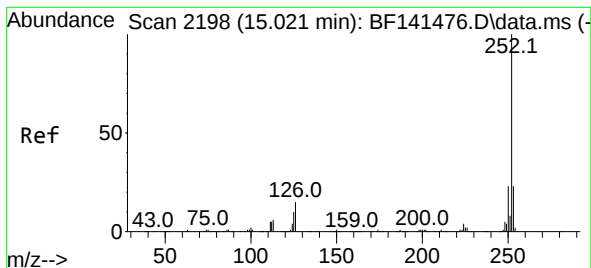


#88
Benzo(b)fluoranthene
Concen: 43.679 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36



Tgt Ion:252 Resp: 631813
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.202 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:252 Resp: 595384

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

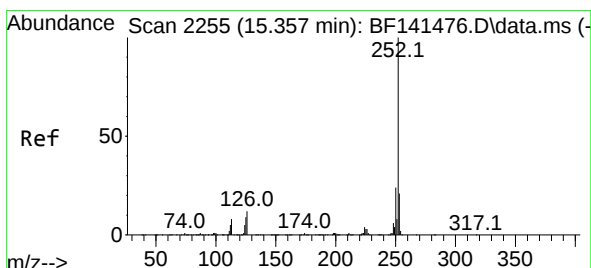
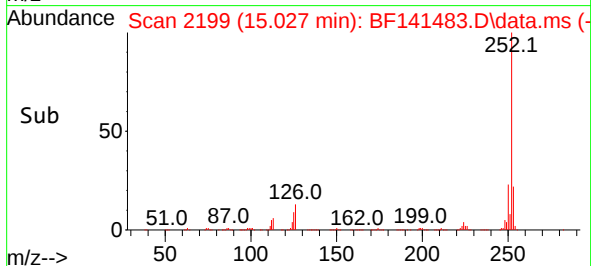
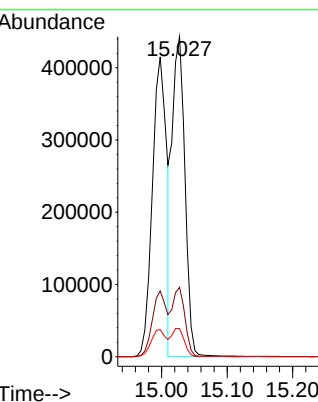
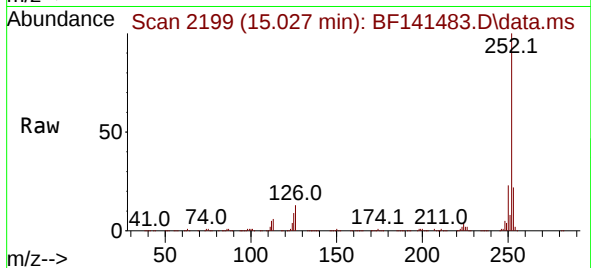
125 8.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#90

Benzo(a)pyrene

Concen: 48.332 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

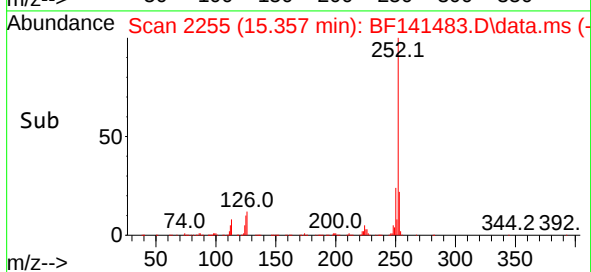
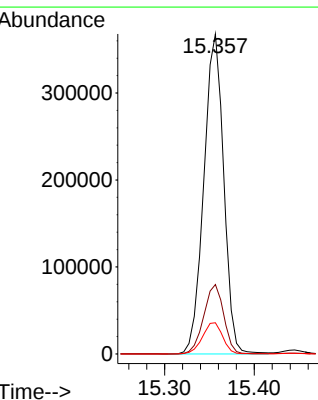
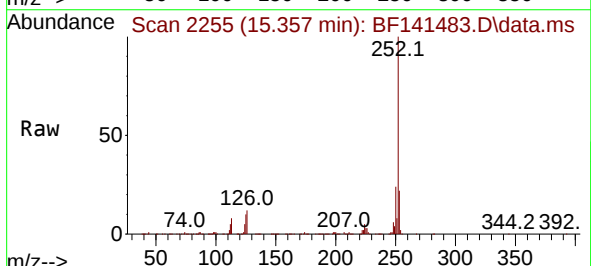
Tgt Ion:252 Resp: 565702

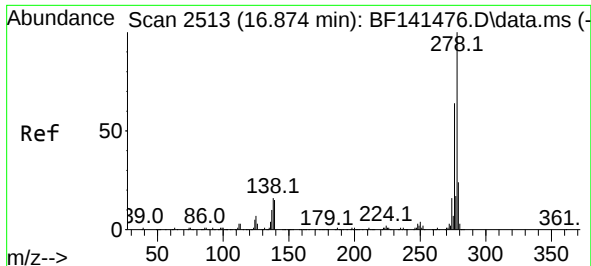
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.8 7.4 11.2





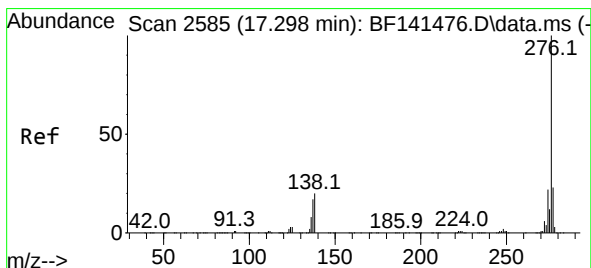
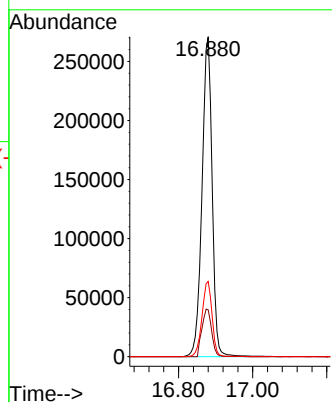
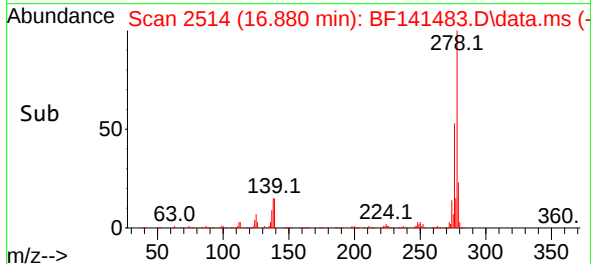
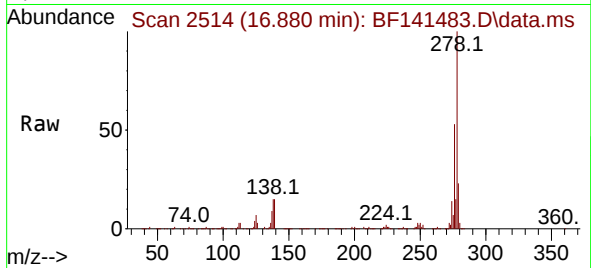
#91
Dibenzo(a,h)anthracene
Concen: 47.614 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:278 Resp: 51355
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.5 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#92
Benzo(g,h,i)perylene
Concen: 43.827 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.018 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:276 Resp: 494669
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 19.9 15.9 23.9

