

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141641.D
 Acq On : 14 Feb 2025 15:56
 Operator : RC/JU
 Sample : PB166719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166719BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 16:53:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89837	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	364284	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203838	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	350151	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237015	20.000	ng	0.00
86) Perylene-d12	15.421	264	175463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	775733	135.373	ng	0.00
7) Phenol-d6	6.434	99	959707	132.507	ng	0.00
23) Nitrobenzene-d5	7.351	82	638226	91.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	285853	139.601	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1223493	92.474	ng	0.00
79) Terphenyl-d14	12.892	244	1416857	100.918	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	93215	40.417	ng	99
3) Pyridine	3.316	79	209066	38.094	ng	95
4) n-Nitrosodimethylamine	3.257	42	142243	39.142	ng	93
6) Aniline	6.451	93	244774	36.028	ng	85
8) 2-Chlorophenol	6.575	128	270654	43.711	ng	99
9) Benzaldehyde	6.334	77	133669	34.730	ng	99
10) Phenol	6.445	94	315919	41.909	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	255517	45.128	ng	99
12) 1,3-Dichlorobenzene	6.728	146	278814	42.652	ng	98
13) 1,4-Dichlorobenzene	6.804	146	284982	42.670	ng	99
14) 1,2-Dichlorobenzene	6.951	146	271523	43.803	ng	98
15) Benzyl Alcohol	6.934	79	228620	41.163	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	400044	41.274	ng	82
17) 2-Methylphenol	7.051	107	209612	43.259	ng	96
18) Hexachloroethane	7.293	117	106324	43.016	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	186682	43.091	ng	96
20) 3+4-Methylphenols	7.204	107	269720	43.800	ng	92
22) Acetophenone	7.198	105	411841	45.448	ng	96
24) Nitrobenzene	7.369	77	278536	40.898	ng	100
25) Isophorone	7.610	82	503046	45.172	ng	99
26) 2-Nitrophenol	7.687	139	146454	43.223	ng	95
27) 2,4-Dimethylphenol	7.728	122	217837	55.033	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	310445	43.505	ng	99
29) 2,4-Dichlorophenol	7.934	162	229321	42.878	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	245335	42.124	ng	99
31) Naphthalene	8.092	128	773386	40.785	ng	100
32) Benzoic acid	7.869	122	163233	39.701	ng	99
33) 4-Chloroaniline	8.151	127	85265	12.879	ng	98
34) Hexachlorobutadiene	8.204	225	150101	42.930	ng	100
35) Caprolactam	8.516	113	80117m	49.200	ng	
36) 4-Chloro-3-methylphenol	8.639	107	249050	42.039	ng	100
37) 2-Methylnaphthalene	8.781	142	499805	40.505	ng	100
38) 1-Methylnaphthalene	8.881	142	485638	40.635	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	271654	46.064	ng	98
41) Hexachlorocyclopentadiene	8.934	237	280560	143.035	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	157580	41.343	ng	98

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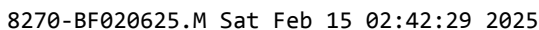
Quant Time: Feb 14 16:53:57 2025
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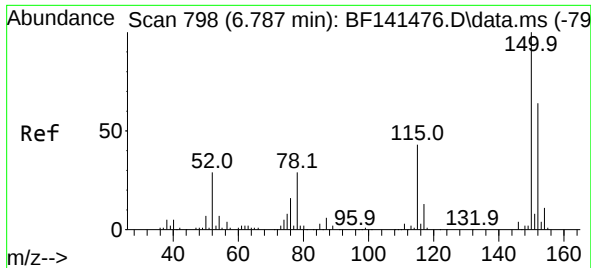
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	173028	41.888	ng	96
46) 1,1'-Biphenyl	9.245	154	721518	45.657	ng	100
47) 2-Chloronaphthalene	9.269	162	495410	42.394	ng	99
48) 2-Nitroaniline	9.369	65	161448	41.166	ng	98
49) Acenaphthylene	9.686	152	762842	43.888	ng	100
50) Dimethylphthalate	9.551	163	599672	43.335	ng	100
51) 2,6-Dinitrotoluene	9.610	165	131918	43.608	ng	97
52) Acenaphthene	9.857	154	483581	41.383	ng	100
53) 3-Nitroaniline	9.781	138	82081	25.210	ng	98
54) 2,4-Dinitrophenol	9.898	184	145374	80.858	ng	93
55) Dibenzofuran	10.028	168	691546	40.319	ng	99
56) 4-Nitrophenol	9.963	139	194106	80.310	ng	95
57) 2,4-Dinitrotoluene	10.022	165	175014	43.459	ng	96
58) Fluorene	10.375	166	561961	42.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	148280	41.694	ng	97
60) Diethylphthalate	10.245	149	588999	43.261	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	270456	42.390	ng	100
62) 4-Nitroaniline	10.398	138	133406	40.352	ng	99
63) Azobenzene	10.522	77	556087	41.085	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	102756	42.246	ng	95
66) n-Nitrosodiphenylamine	10.486	169	493023	43.986	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	170651	43.607	ng	96
68) Hexachlorobenzene	10.922	284	179210	44.472	ng	99
69) Atrazine	11.016	200	186383	55.428	ng	99
70) Pentachlorophenol	11.122	266	198529	77.048	ng	99
71) Phenanthrene	11.333	178	833206	43.229	ng	100
72) Anthracene	11.386	178	856146	44.188	ng	100
73) Carbazole	11.545	167	743485	42.646	ng	100
74) Di-n-butylphthalate	11.869	149	901458	44.782	ng	100
75) Fluoranthene	12.522	202	871234	42.636	ng	100
77) Benzidine	12.645	184	249307	47.694	ng	100
78) Pyrene	12.751	202	880062	43.618	ng	99
80) Butylbenzylphthalate	13.369	149	337746	48.329	ng	99
81) Benzo(a)anthracene	13.945	228	689763	43.780	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	144343	31.983	ng	98
83) Chrysene	13.980	228	634166	43.593	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	425345	53.964	ng	99
85) Di-n-octyl phthalate	14.563	149	604130	53.728	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	535117	49.357	ng	99
88) Benzo(b)fluoranthene	15.004	252	511199	43.390	ng	100
89) Benzo(k)fluoranthene	15.033	252	488038	48.511	ng	99
90) Benzo(a)pyrene	15.363	252	454197	47.644	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	431261	49.091	ng	99
92) Benzo(g,h,i)perylene	17.298	276	427754	46.530	ng	99

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

Manual Integrations

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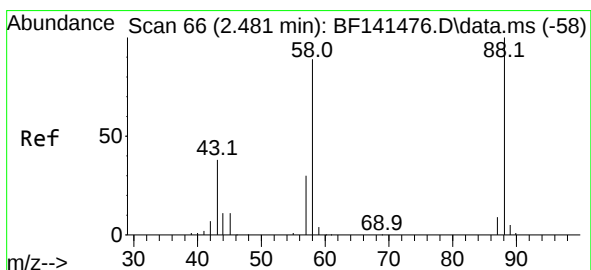
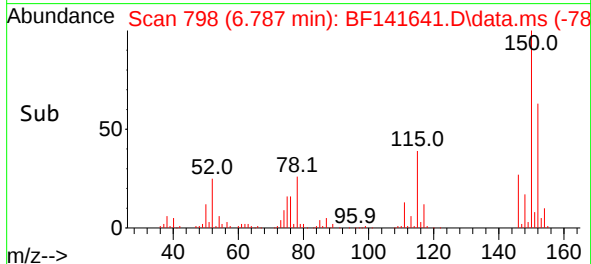
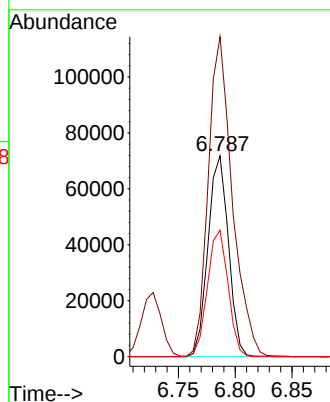
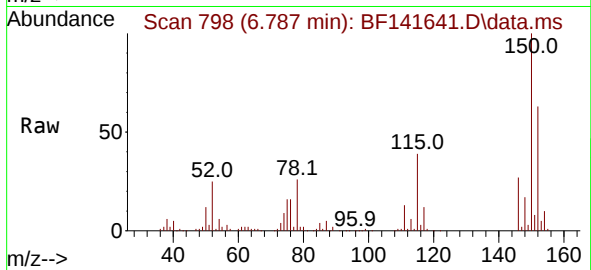
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :
BNA_F
ClientSampleId :
PB166719BS

Tgt Ion:152 Resp: 8983
Ion Ratio Lower Upper
152 100
150 159.3 125.0 187.4
115 62.9 53.6 80.4

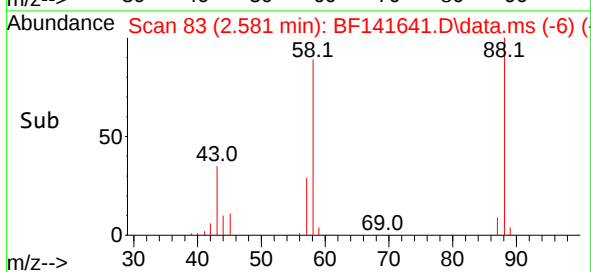
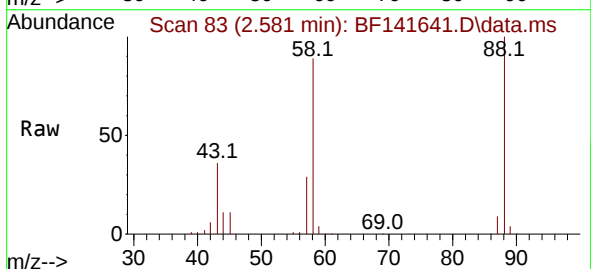
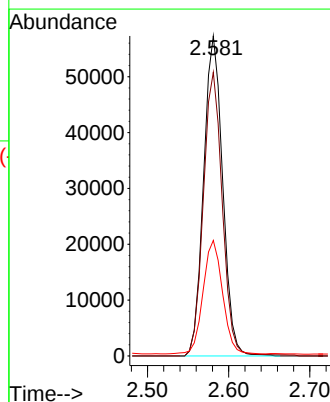
Manual Integrations
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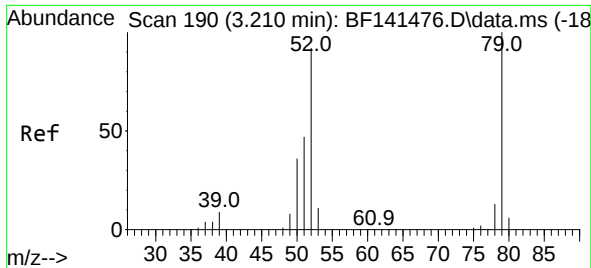
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#2
1,4-Dioxane
Concen: 40.417 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion: 88 Resp: 93215
Ion Ratio Lower Upper
88 100
58 88.6 71.1 106.7
43 36.2 30.6 46.0





#3
 Pyridine
 Concen: 38.094 ng
 RT: 3.316 min Scan# 20
 Delta R.T. 0.100 min
 Lab File: BF141641.D
 Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

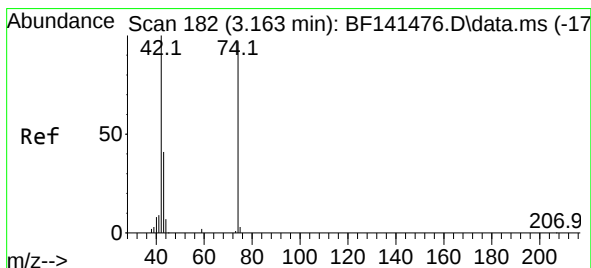
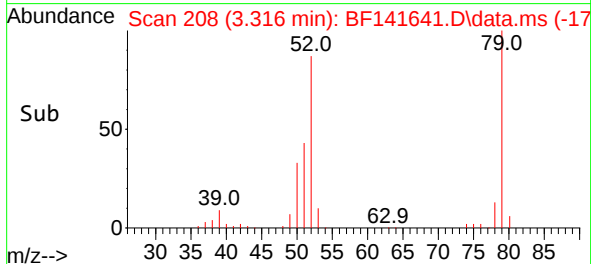
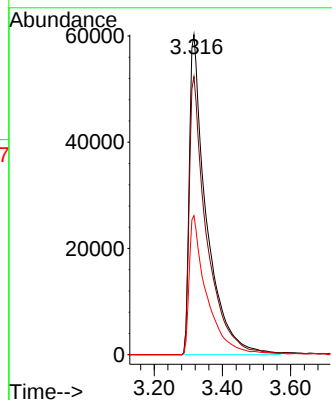
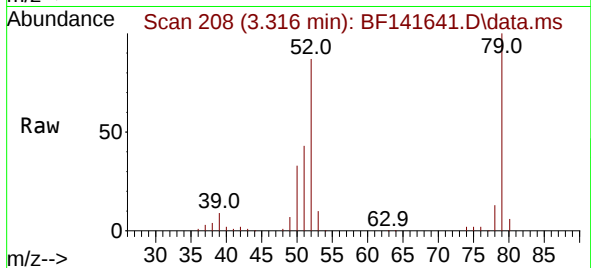
PB166719BS

Tgt Ion: 79 Resp: 20906
 Ion Ratio Lower Upper
 79 100
 52 86.9 73.7 110.5
 51 43.4 37.5 56.3

Manual Integrations

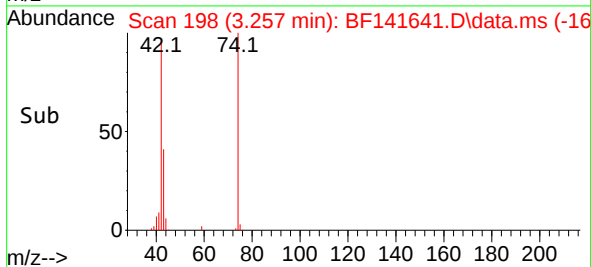
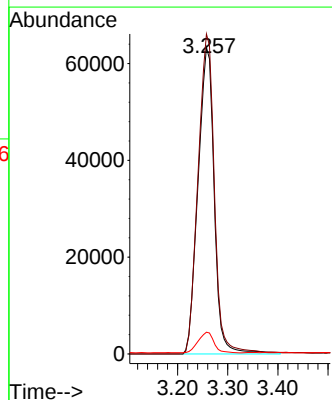
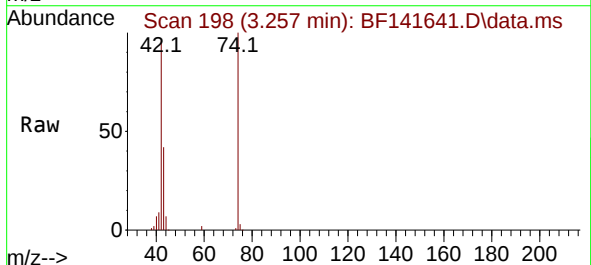
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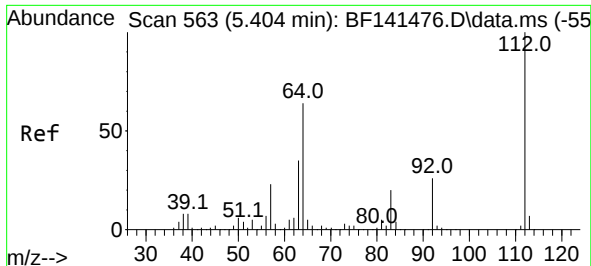
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#4
 n-Nitrosodimethylamine
 Concen: 39.142 ng
 RT: 3.257 min Scan# 198
 Delta R.T. 0.071 min
 Lab File: BF141641.D
 Acq: 14 Feb 2025 15:56

Tgt Ion: 42 Resp: 142243
 Ion Ratio Lower Upper
 42 100
 74 104.4 78.0 117.0
 44 7.1 5.4 8.2





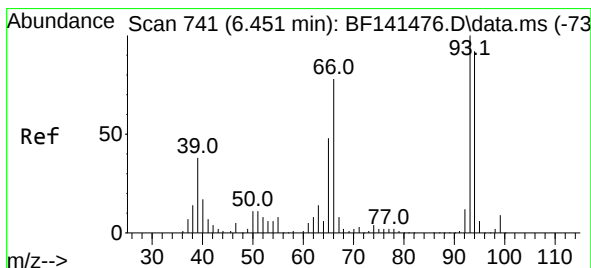
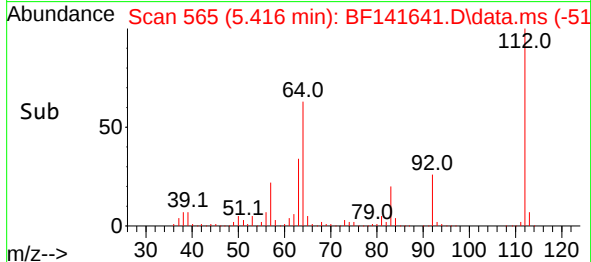
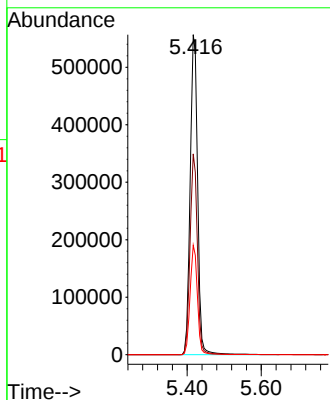
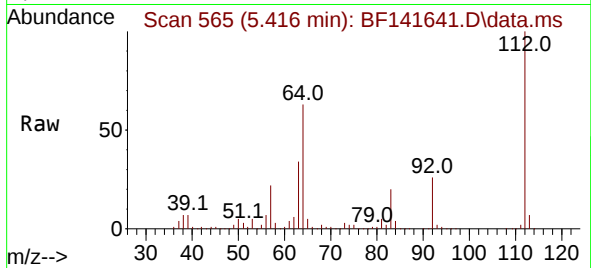
#5
2-Fluorophenol
Concen: 135.373 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :
BNA_F
ClientSampleId :
PB166719BS

Tgt Ion:112 Resp: 77573
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.2 28.4 42.6

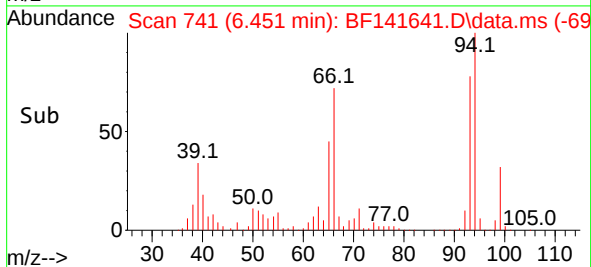
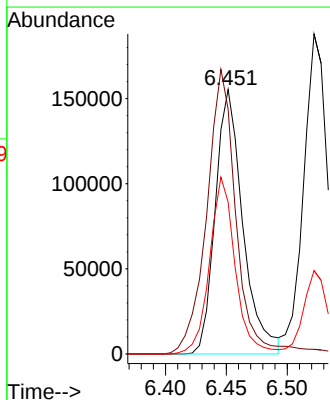
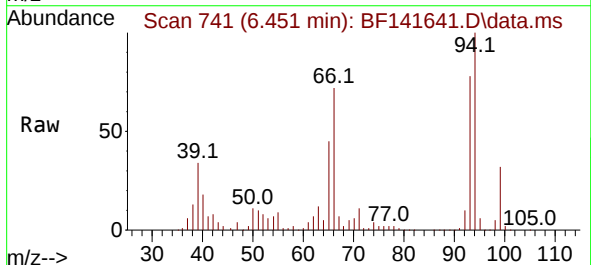
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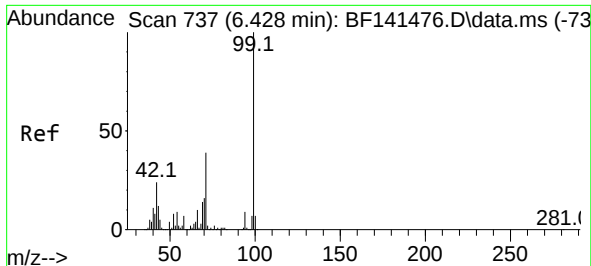
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#6
Aniline
Concen: 36.028 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

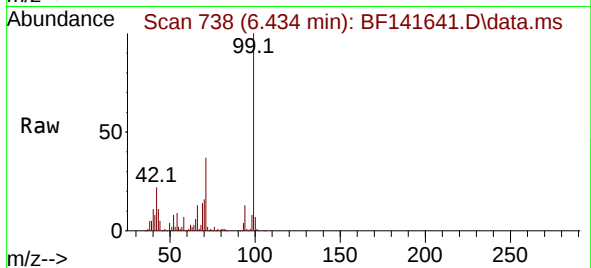
Tgt Ion: 93 Resp: 244774
Ion Ratio Lower Upper
93 100
66 92.5 62.6 94.0
65 57.4 38.3 57.5





#7
Phenol-d6
Concen: 132.507 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

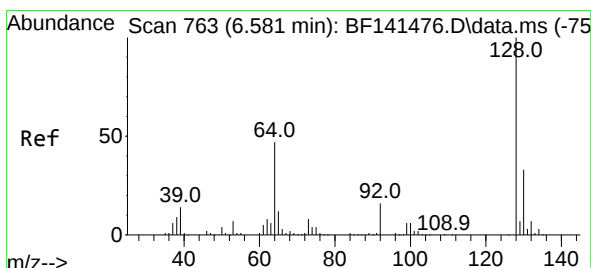
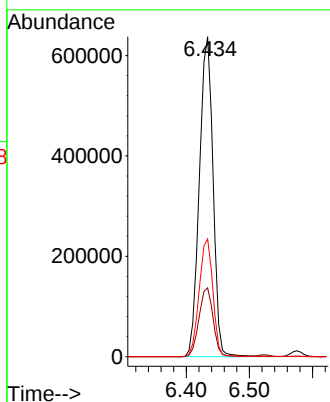
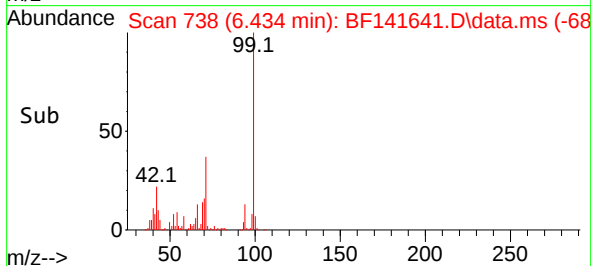
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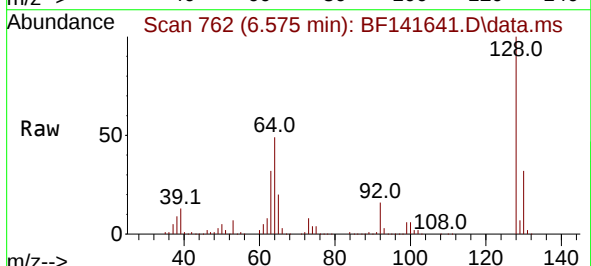
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Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.8 31.1 46.7

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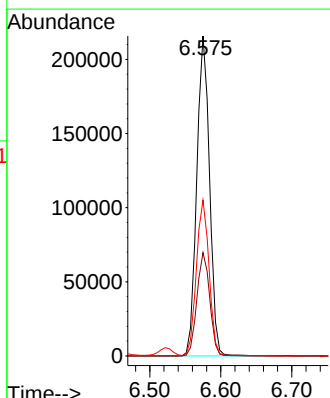
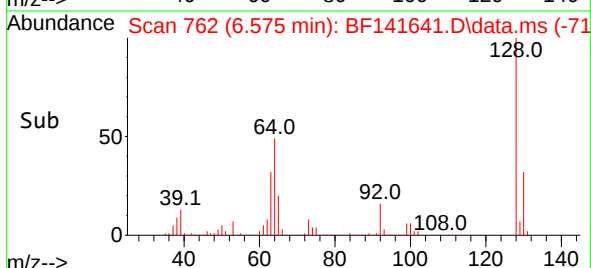
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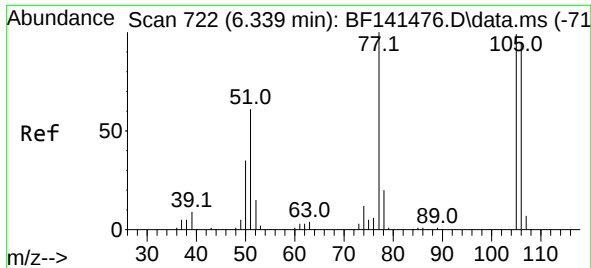


#8
2-Chlorophenol
Concen: 43.711 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



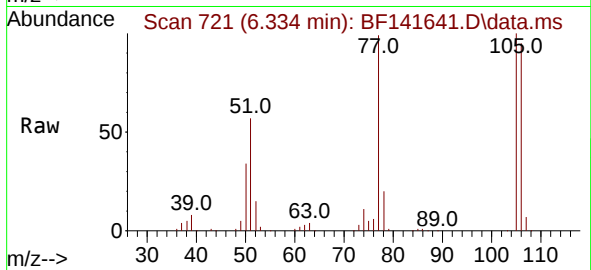
Tgt Ion:128 Resp: 270654
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 48.7 28.3 68.3





#9
Benzaldehyde
Concen: 34.730 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141641.D
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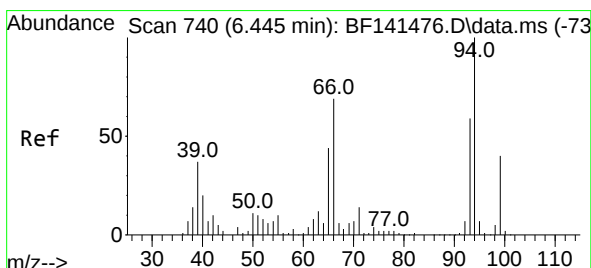
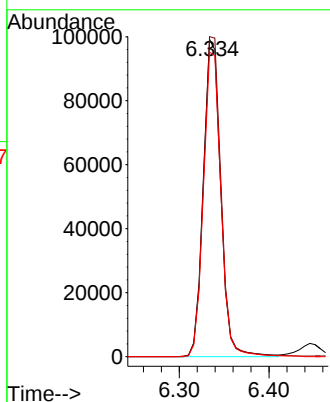
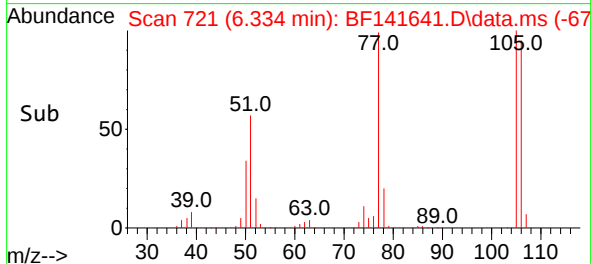
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Tgt Ion: 77 Resp: 13366
Ion Ratio Lower Upper
77 100
105 100.8 79.4 119.4
106 95.9 75.1 115.1

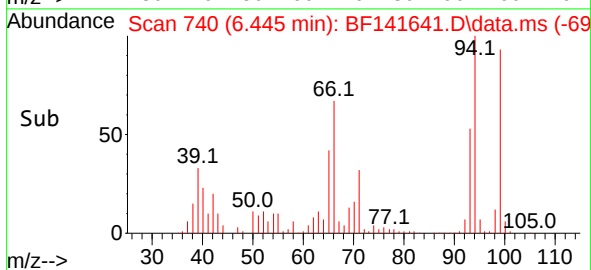
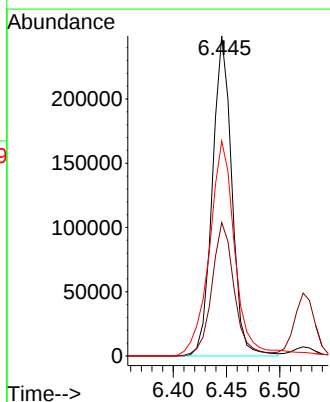
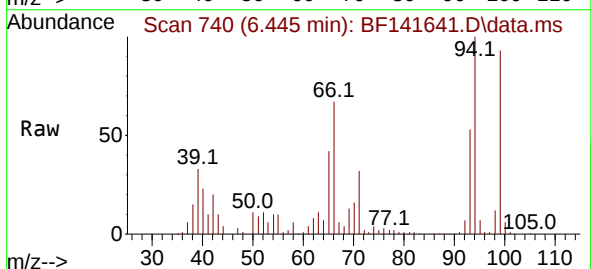
Manual Integrations
APPROVED

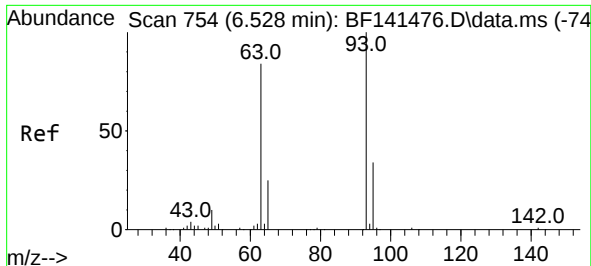
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#10
Phenol
Concen: 41.909 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion: 94 Resp: 315919
Ion Ratio Lower Upper
94 100
65 41.7 23.7 63.7
66 67.1 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 45.128 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

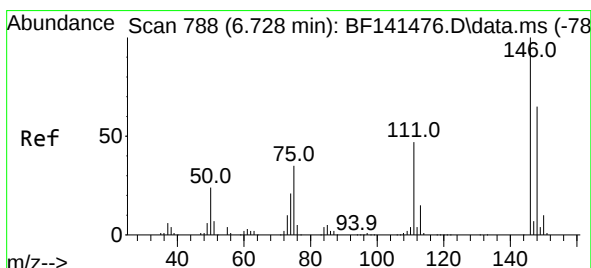
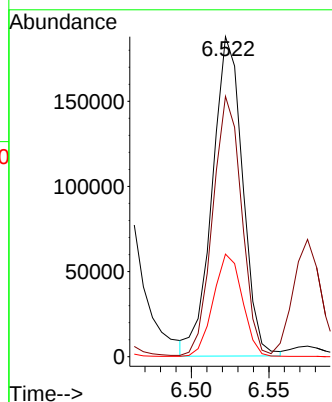
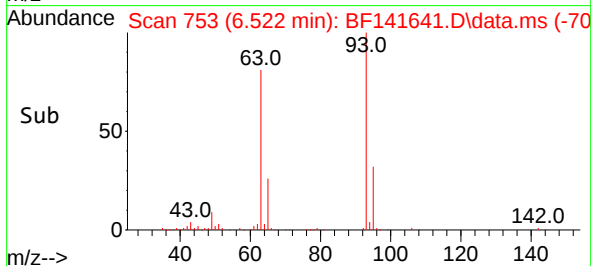
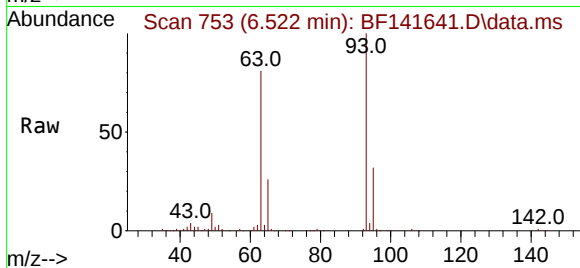
ClientSampleId :

PB166719BS

Tgt Ion: 93 Resp: 25551
Ion Ratio Lower Upper
93 100
63 81.3 62.0 102.0
95 32.1 12.6 52.6

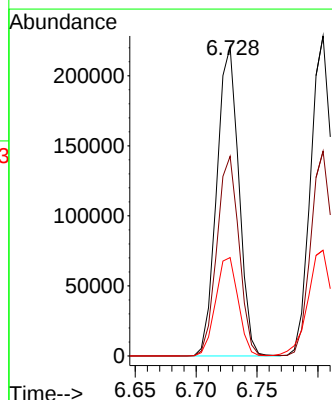
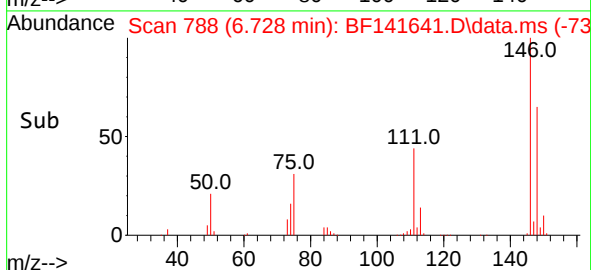
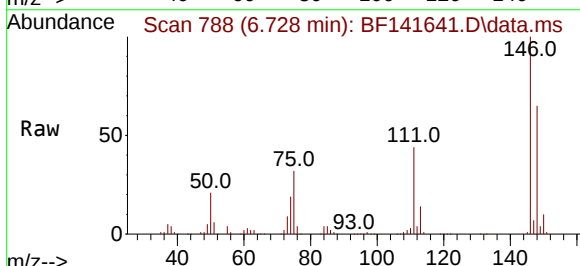
Manual Integrations
APPROVED

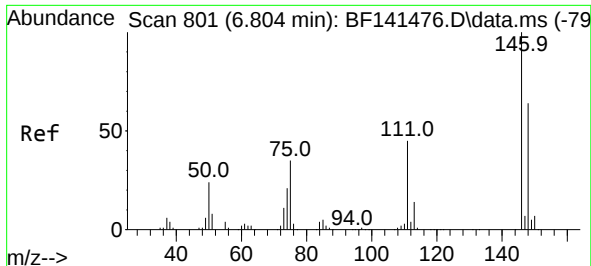
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#12
1,3-Dichlorobenzene
Concen: 42.652 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:146 Resp: 278814
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 31.8 28.2 42.2





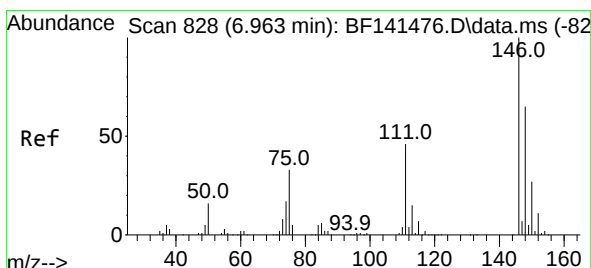
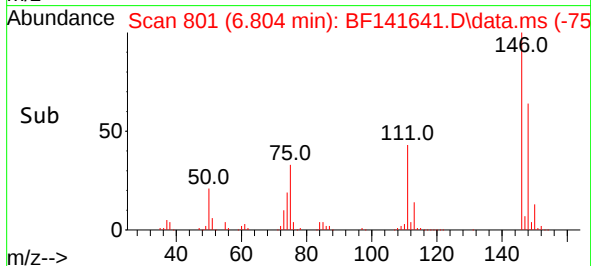
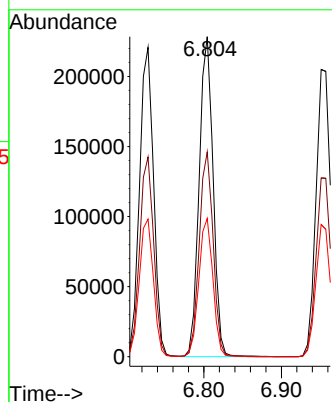
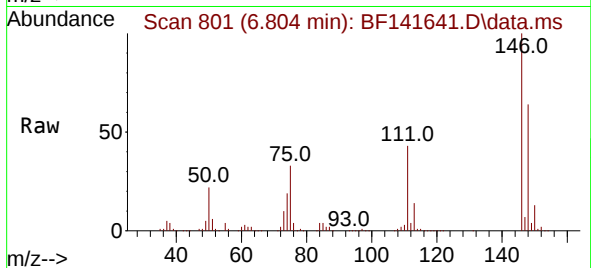
#13
1,4-Dichlorobenzene
Concen: 42.670 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :
BNA_F
ClientSampleId :
PB166719BS

Tgt Ion:146 Resp: 28498
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 43.2 35.9 53.9

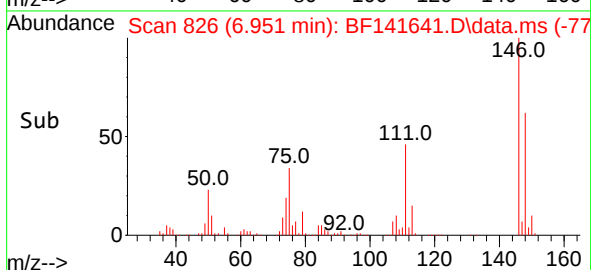
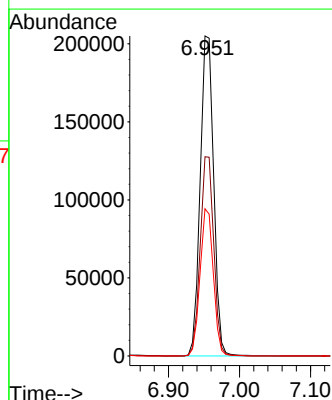
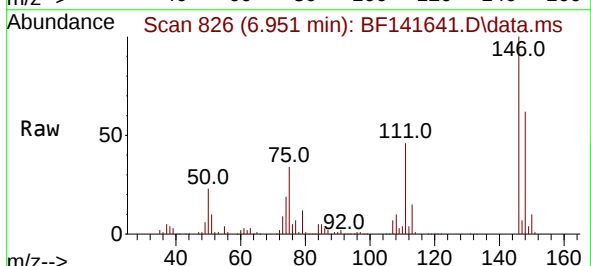
Manual Integrations
APPROVED

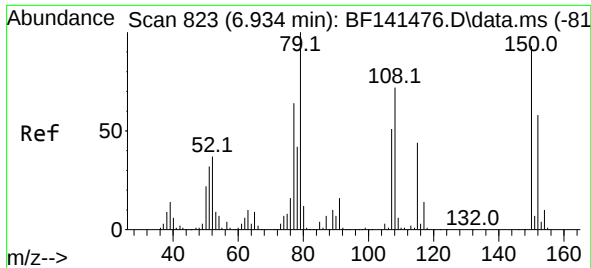
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#14
1,2-Dichlorobenzene
Concen: 43.803 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:146 Resp: 271523
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.6
111 46.0 37.0 55.4





#15
Benzyl Alcohol
Concen: 41.163 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

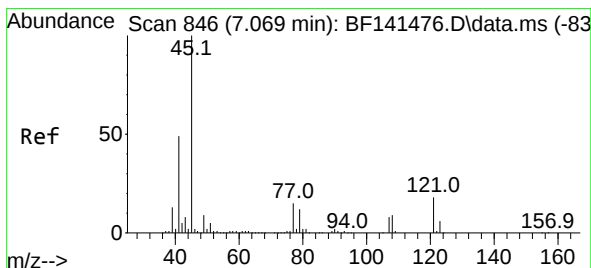
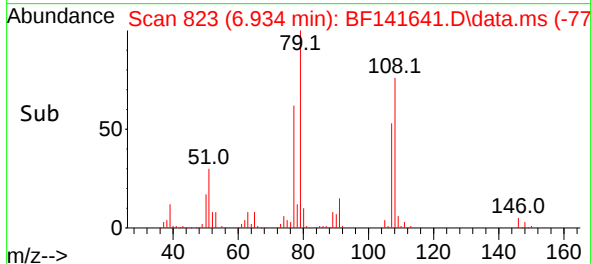
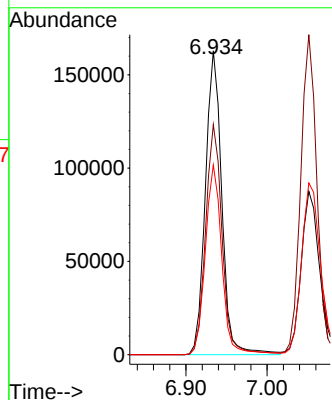
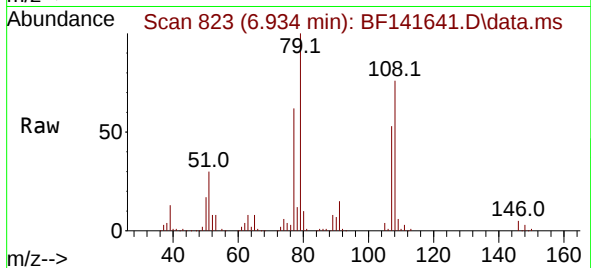
ClientSampleId :

PB166719BS

Tgt Ion: 79 Resp: 228620
Ion Ratio Lower Upper
79 100
108 75.7 57.4 86.2
77 62.5 50.9 76.3

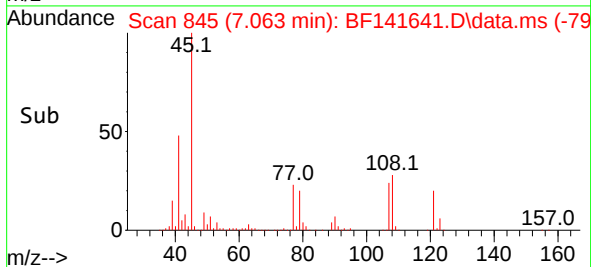
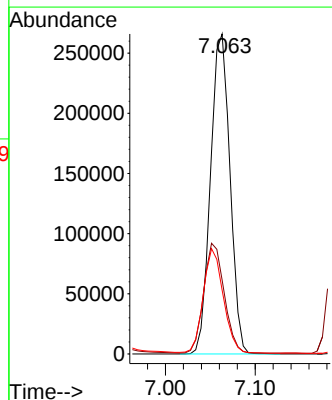
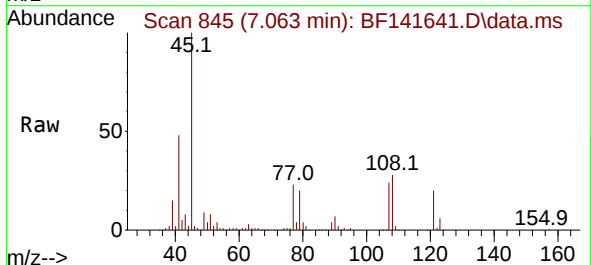
Manual Integrations
APPROVED

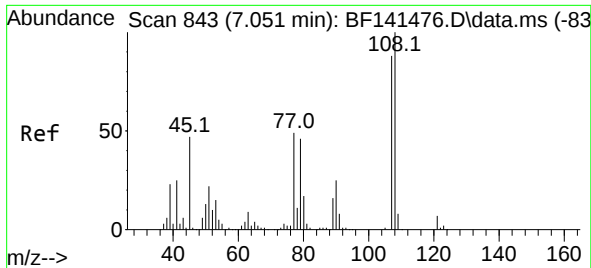
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.274 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion: 45 Resp: 400044
Ion Ratio Lower Upper
45 100
77 23.1 0.0 35.8
79 20.0 0.0 32.7





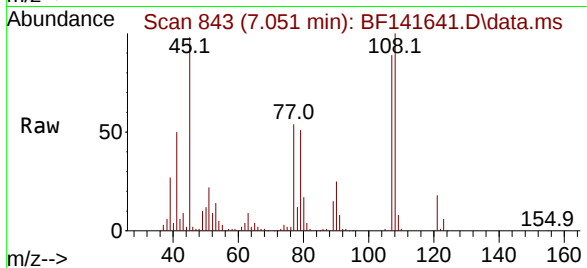
#17
2-Methylphenol
Concen: 43.259 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

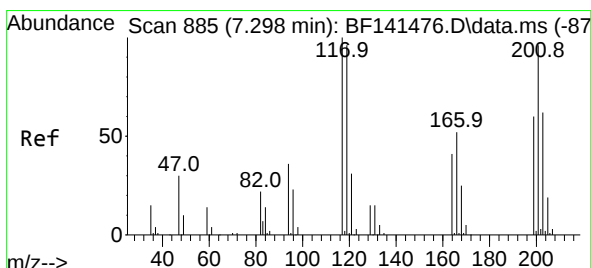
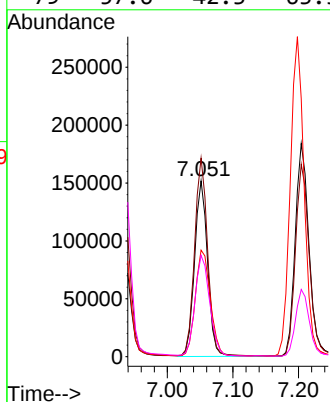
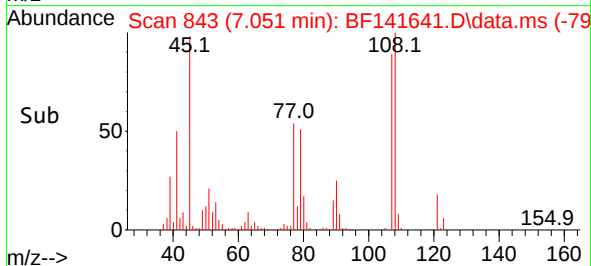


Tgt Ion:107 Resp: 209612
Ion Ratio Lower Upper
107 100
108 112.9 90.6 136.0
77 60.6 44.4 66.6
79 57.6 42.3 63.5

Manual Integrations

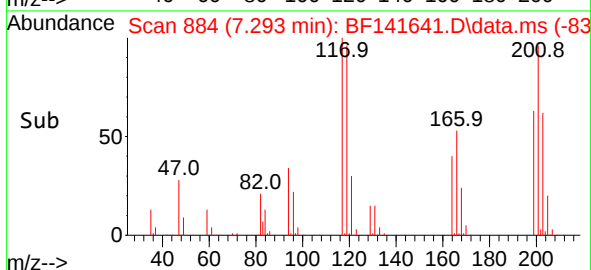
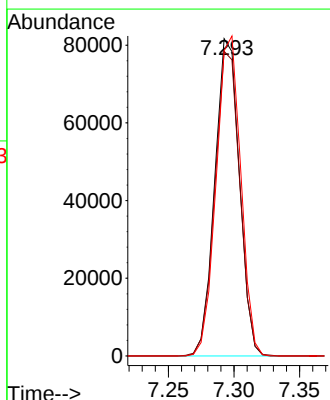
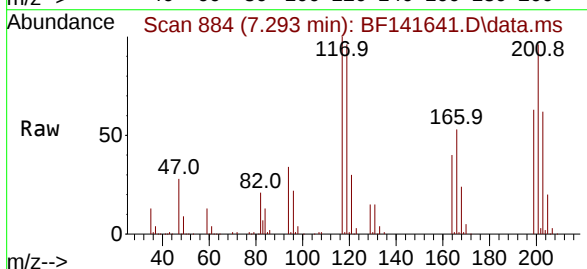
APPROVED

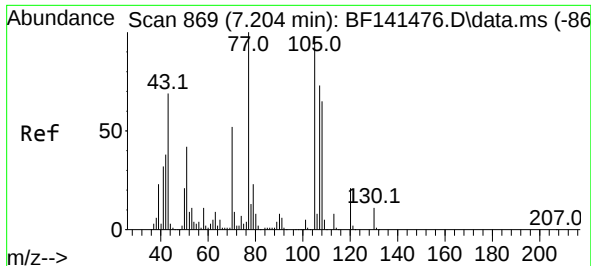
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#18
Hexachloroethane
Concen: 43.016 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:117 Resp: 106324
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 96.2 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.091 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

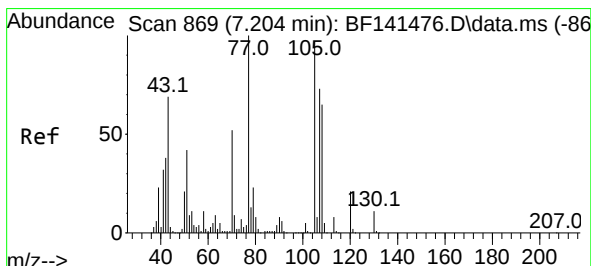
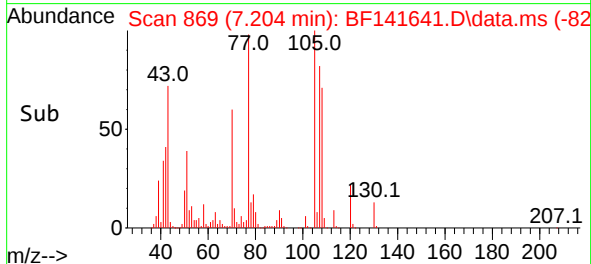
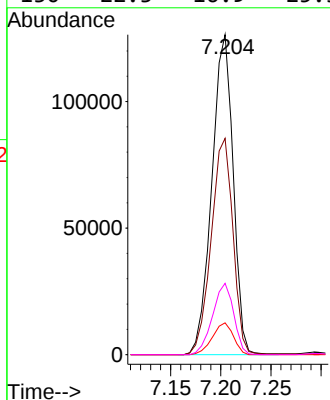
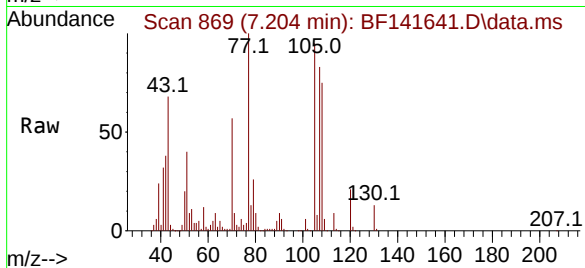
ClientSampleId :

PB166719BS

Tgt Ion: 70 Resp: 18668
Ion Ratio Lower Upper
70 100
42 67.6 57.4 86.2
101 9.9 8.0 12.0
130 22.3 16.9 25.3

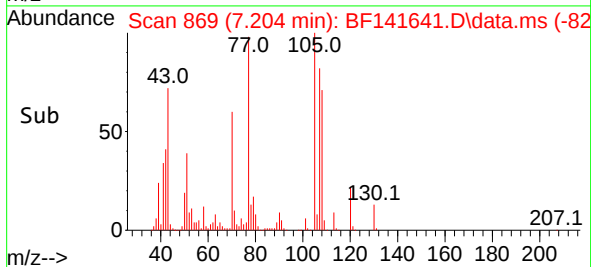
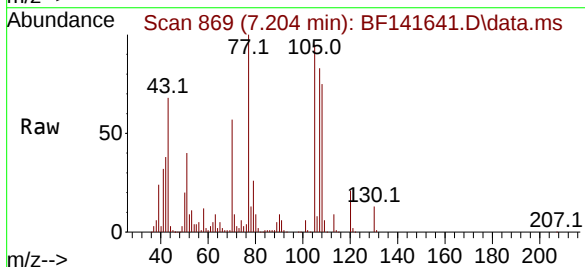
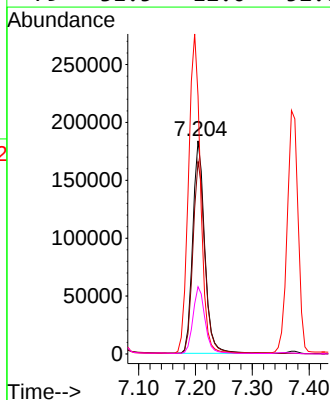
Manual Integrations
APPROVED

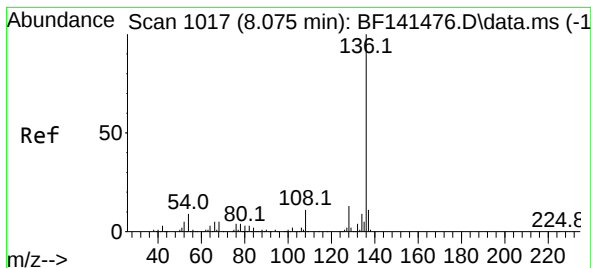
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#20
3+4-Methylphenols
Concen: 43.800 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:107 Resp: 269720
Ion Ratio Lower Upper
107 100
108 90.3 68.5 108.5
77 121.0 116.5 156.5
79 31.5 12.0 52.0





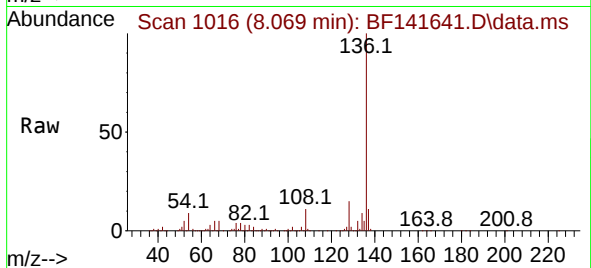
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



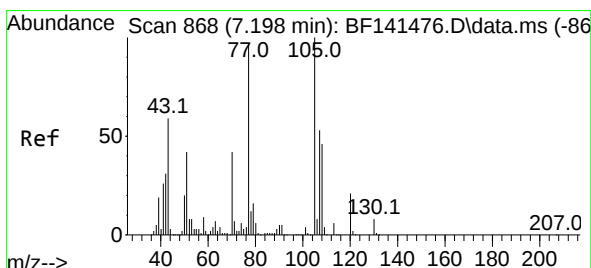
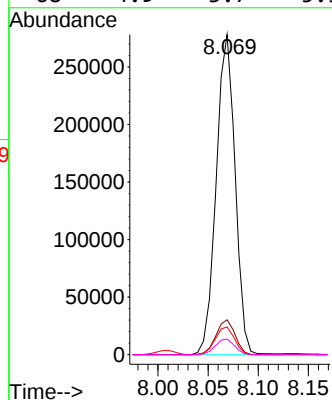
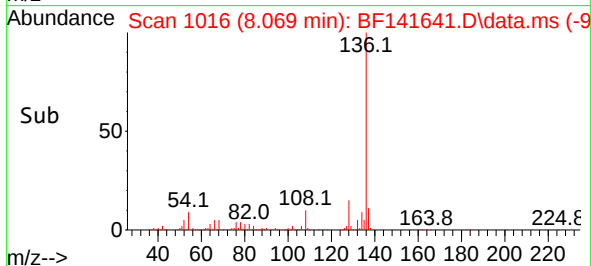
Tgt Ion:136 Resp: 364284
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.9 3.7 5.5

Manual Integrations

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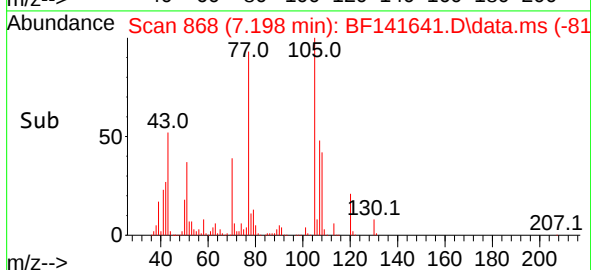
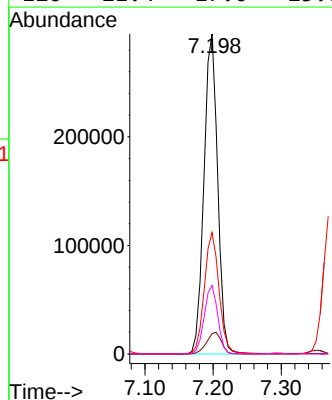
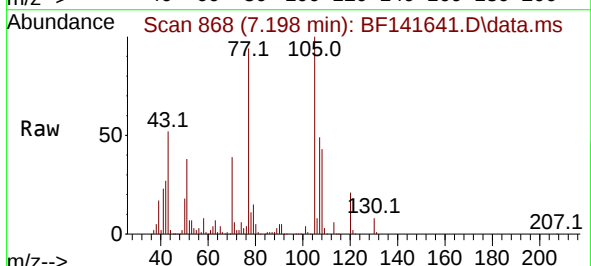
Reviewed By :Yogesh Patel 02/15/2025

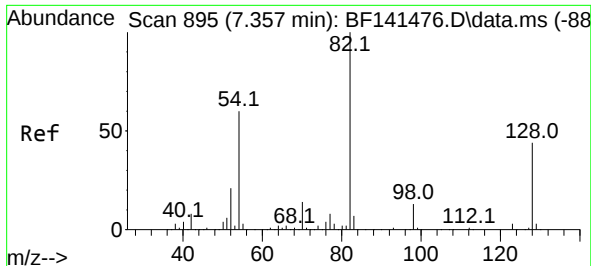
Supervised By :Jagrut Upadhyay 02/19/2025



#22
Acetophenone
Concen: 45.448 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:105 Resp: 411841
Ion Ratio Lower Upper
105 100
71 6.3 5.7 8.5
51 37.9 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.381 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

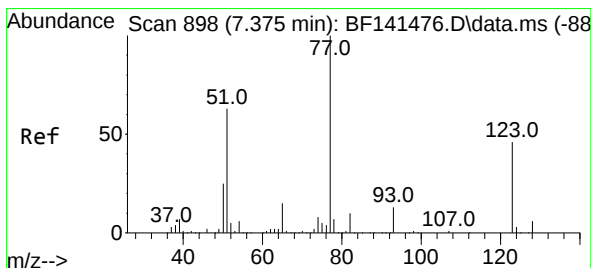
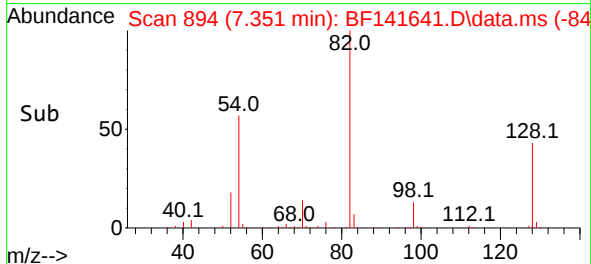
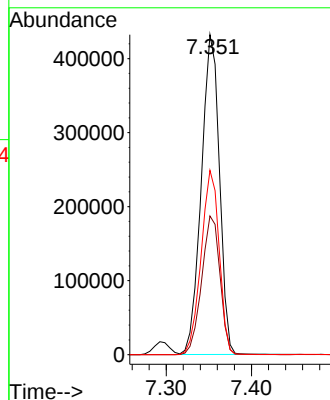
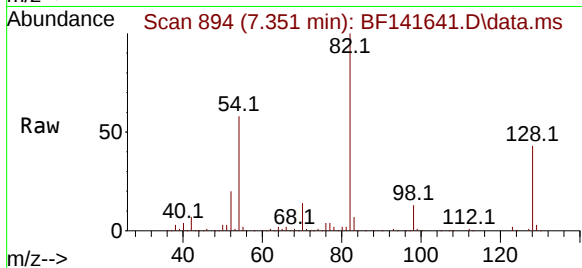
PB166719BS

Tgt Ion: 82 Resp: 638220
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.8 52.2
 54 57.6 48.2 72.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#24

Nitrobenzene

Concen: 40.898 ng

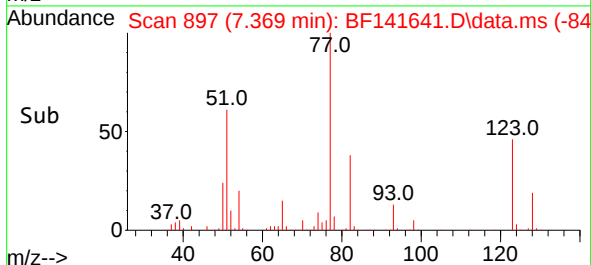
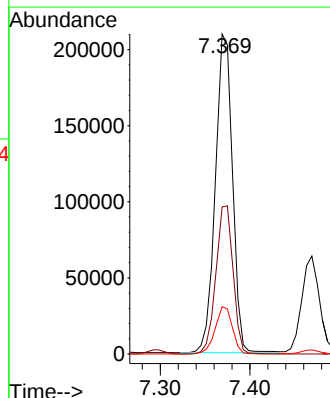
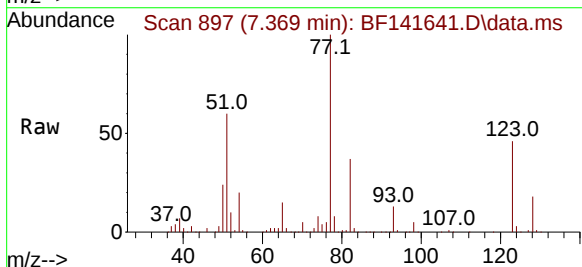
RT: 7.369 min Scan# 897

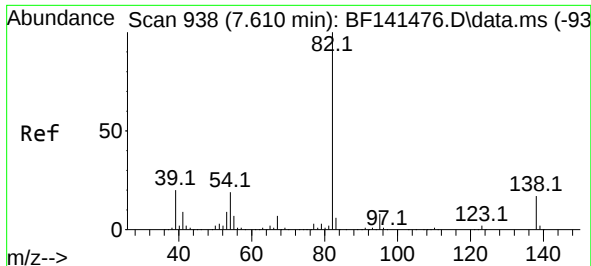
Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

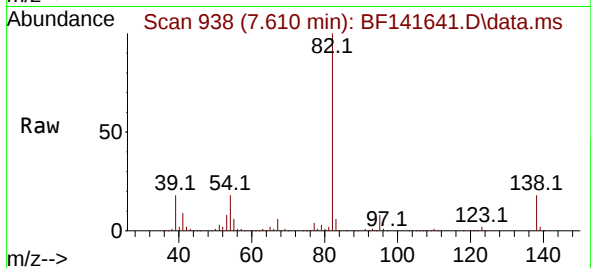
Tgt Ion: 77 Resp: 278536
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.9 55.3
 65 14.8 11.9 17.9





#25
Isophorone
Concen: 45.172 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

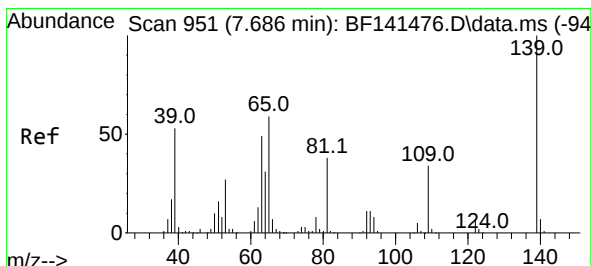
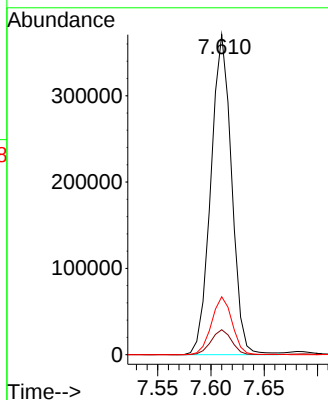
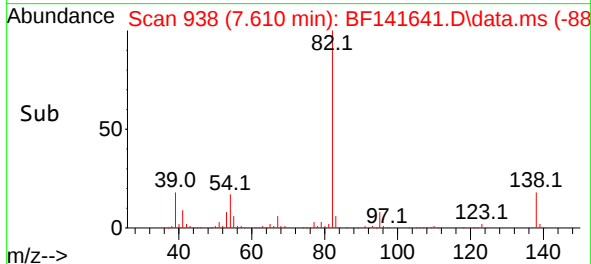
Instrument :
BNA_F
ClientSampleId :
PB166719BS



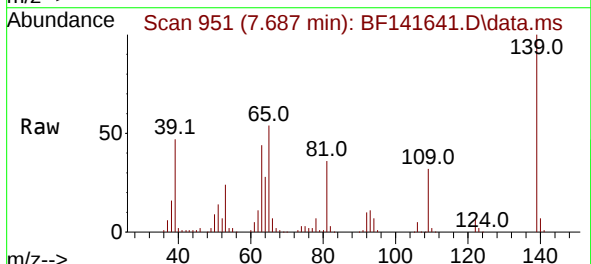
Tgt Ion: 82 Resp: 503040
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 13.9 20.9

Manual Integrations
APPROVED

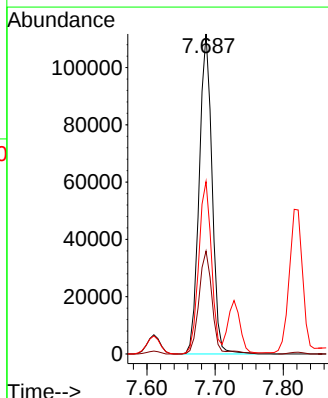
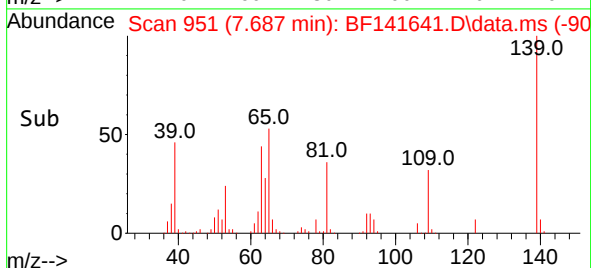
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

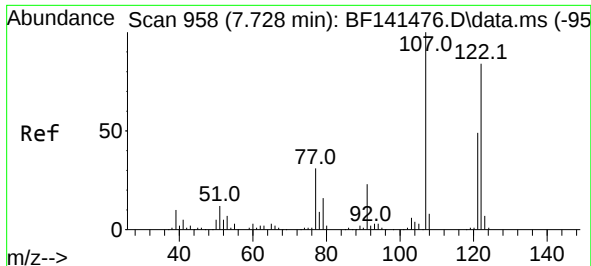


#26
2-Nitrophenol
Concen: 43.223 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:139 Resp: 146454
Ion Ratio Lower Upper
139 100
109 32.2 27.0 40.6
65 53.8 47.1 70.7





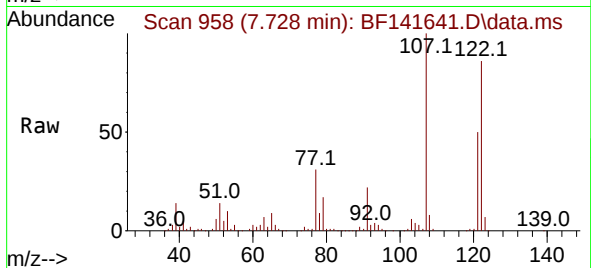
#27
2,4-Dimethylphenol
Concen: 55.033 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

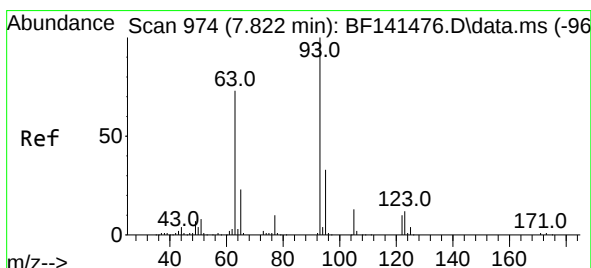
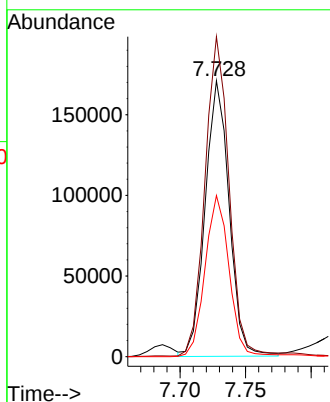
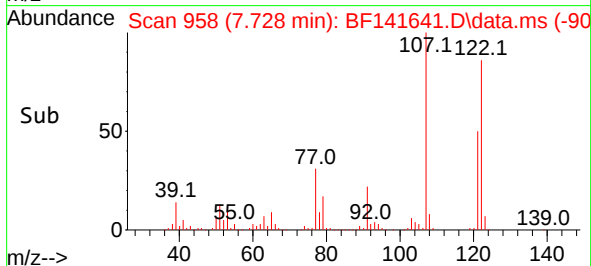
PB166719BS



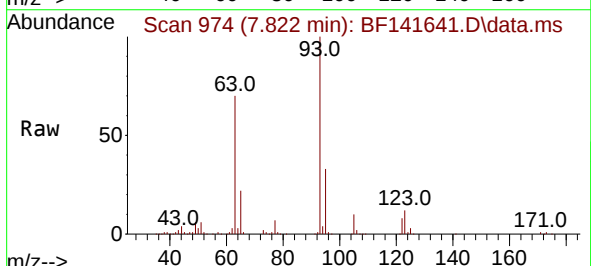
Tgt Ion:122 Resp: 21783
Ion Ratio Lower Upper
122 100
107 116.0 94.3 141.5
121 58.4 46.0 69.0

Manual Integrations
APPROVED

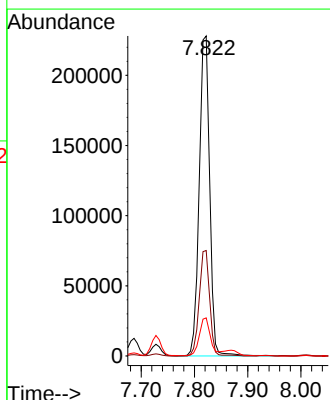
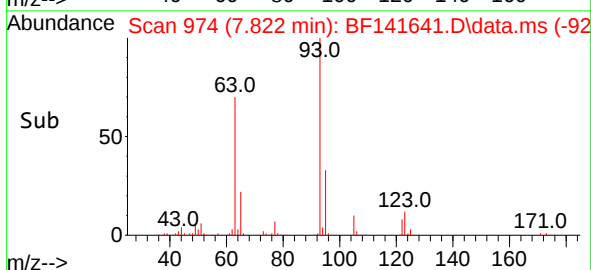
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

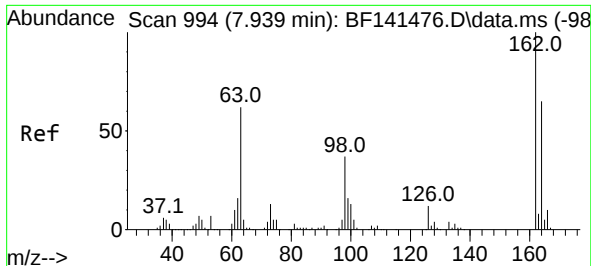


#28
bis(2-Chloroethoxy)methane
Concen: 43.505 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion: 93 Resp: 310445
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.878 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141641.D

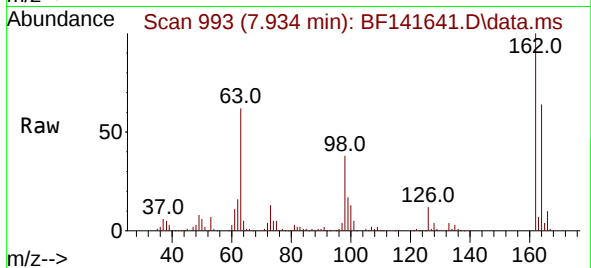
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



Tgt Ion:162 Resp: 22932

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

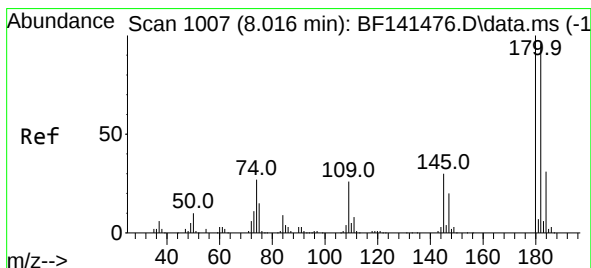
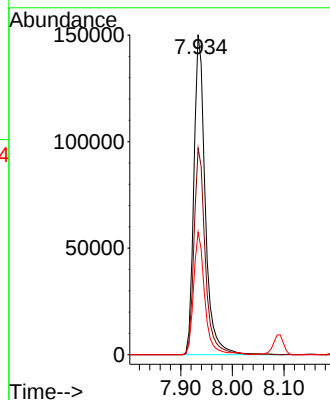
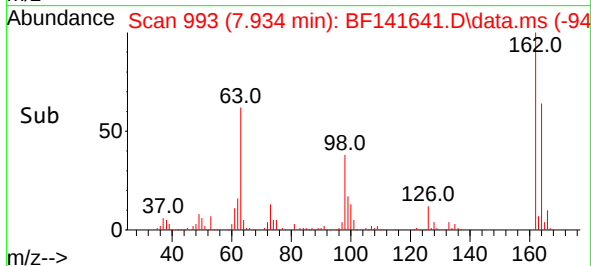
98 38.3 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.124 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

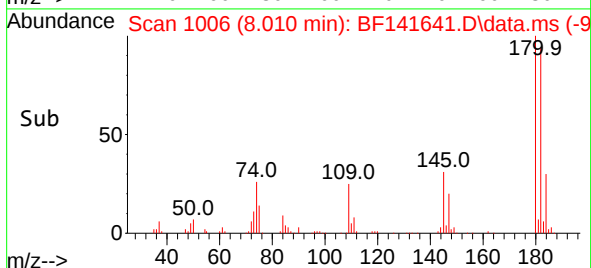
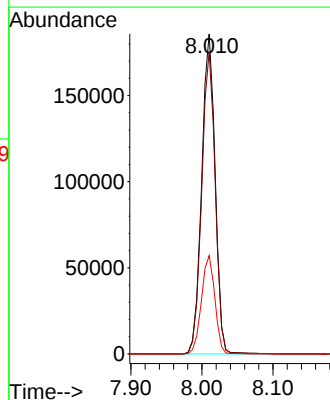
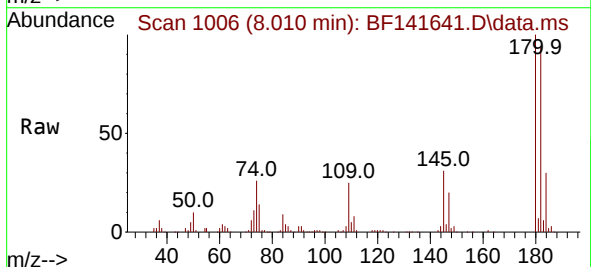
Tgt Ion:180 Resp: 245335

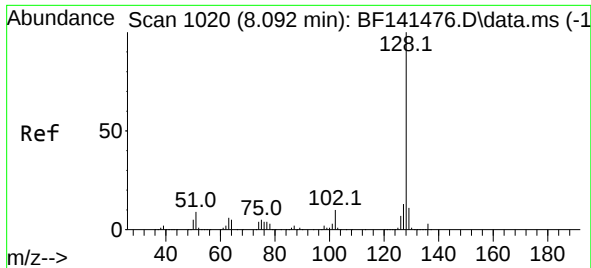
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 30.7 24.2 36.4





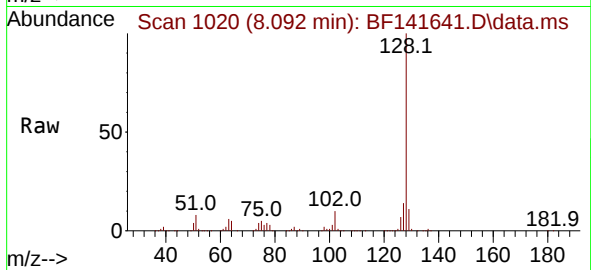
#31
Naphthalene
Concen: 40.785 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

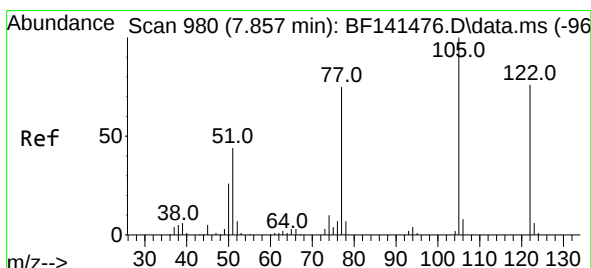
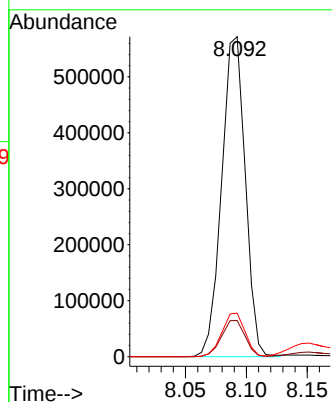
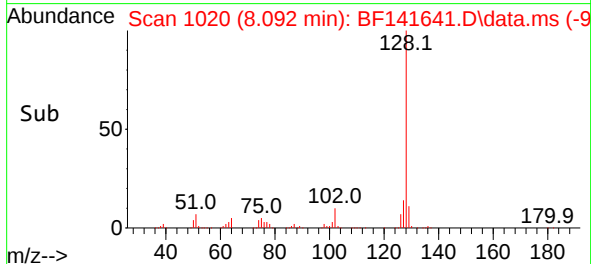


Tgt Ion:128 Resp: 773380
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.6 10.7 16.1

Manual Integrations

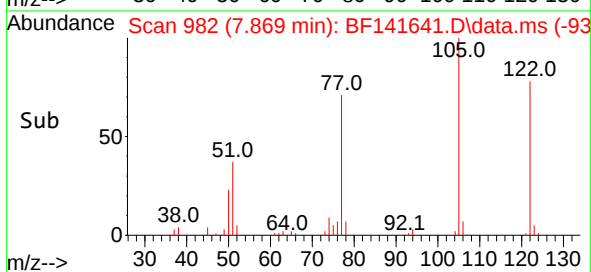
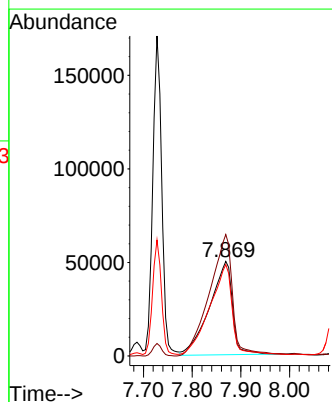
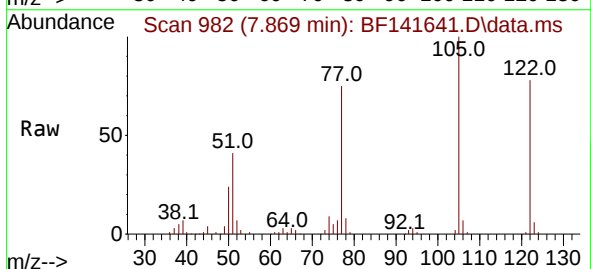
APPROVED

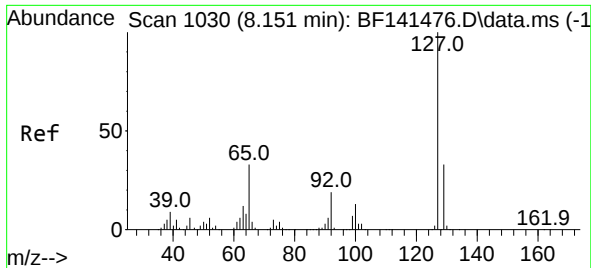
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#32
Benzoic acid
Concen: 39.701 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:122 Resp: 163233
Ion Ratio Lower Upper
122 100
105 128.5 106.5 146.5
77 96.6 76.3 116.3





#33
4-Chloroaniline
Concen: 12.879 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

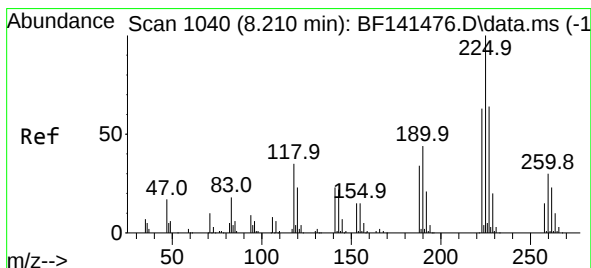
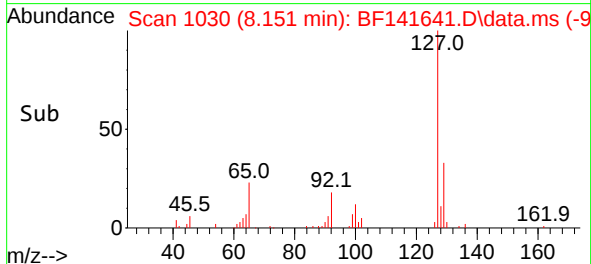
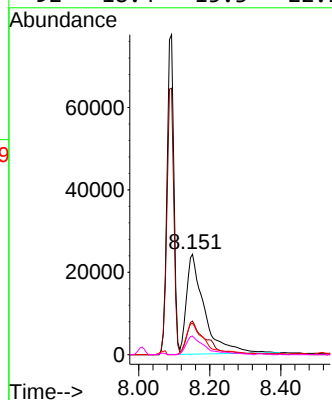
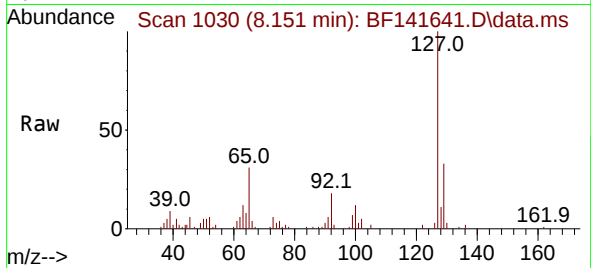
PB166719BS

Tgt Ion:	127	Resp:	8526
Ion Ratio	Lower	Upper	
127	100		
129	33.5	26.5	39.7
65	31.3	26.4	39.6
92	18.4	15.3	22.9

Manual Integrations

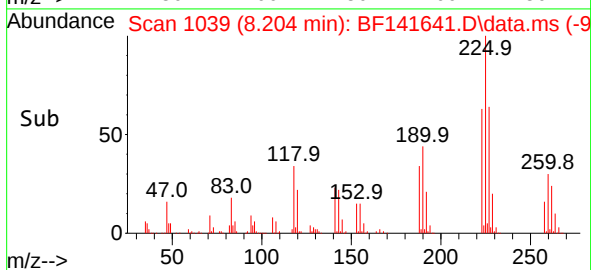
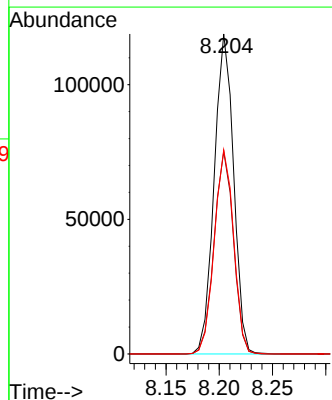
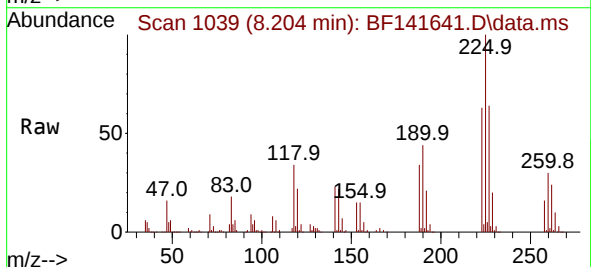
APPROVED

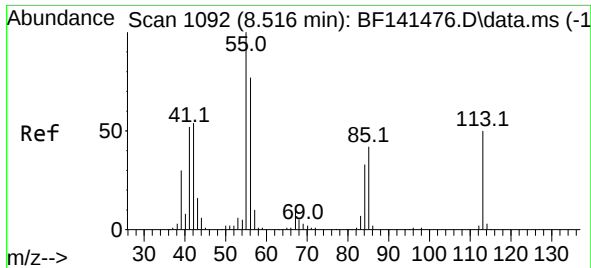
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#34
Hexachlorobutadiene
Concen: 42.930 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:	225	Resp:	150101
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.1	75.1
227	63.8	51.0	76.6





#35
Caprolactam
Concen: 49.200 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

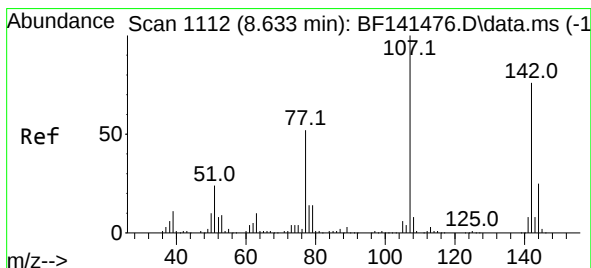
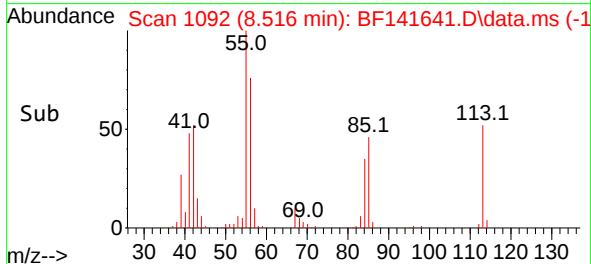
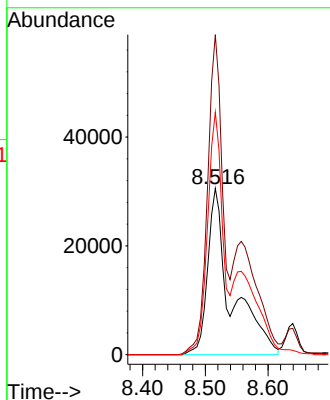
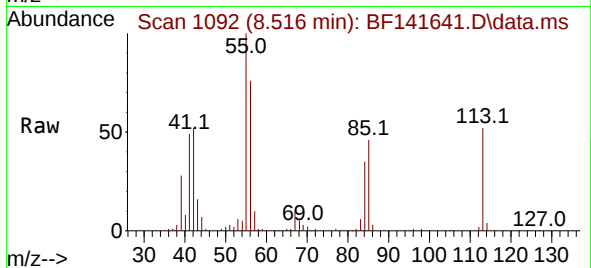
ClientSampleId :

PB166719BS

Tgt Ion:113 Resp: 8011
Ion Ratio Lower Upper
113 100
55 192.6 180.8 220.8
56 145.9 133.6 173.6

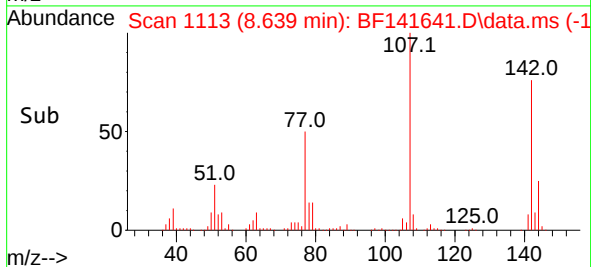
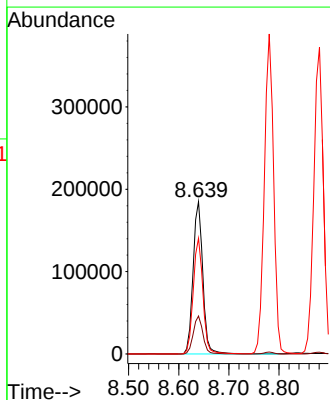
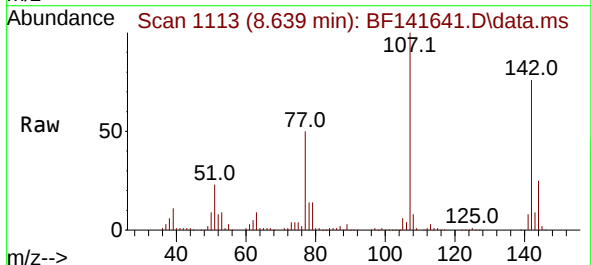
Manual Integrations
APPROVED

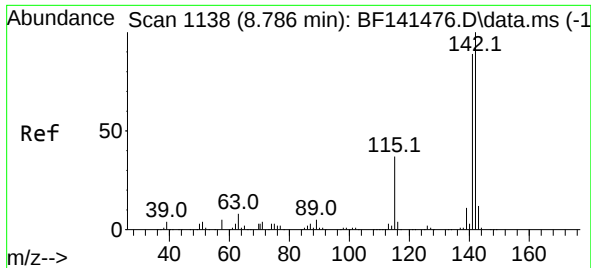
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#36
4-Chloro-3-methylphenol
Concen: 42.039 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:107 Resp: 249050
Ion Ratio Lower Upper
107 100
144 24.9 19.7 29.5
142 76.0 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.505 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

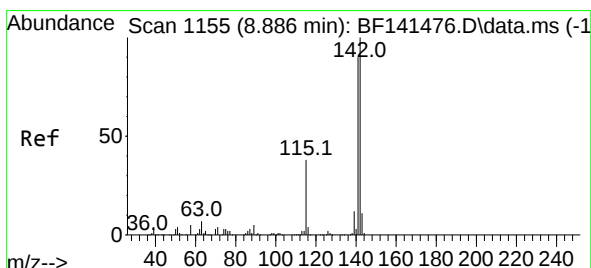
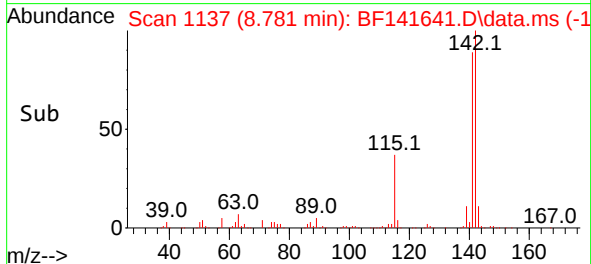
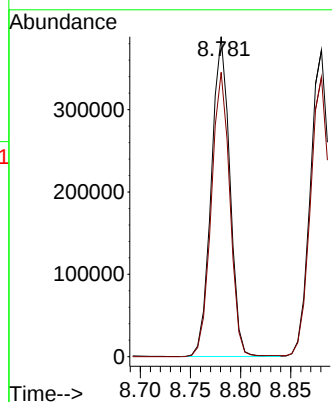
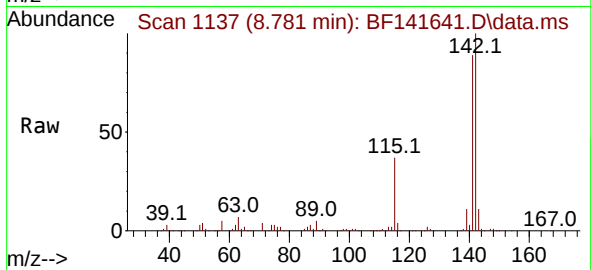
PB166719BS

Tgt Ion:142 Resp: 49980
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8

Manual Integrations

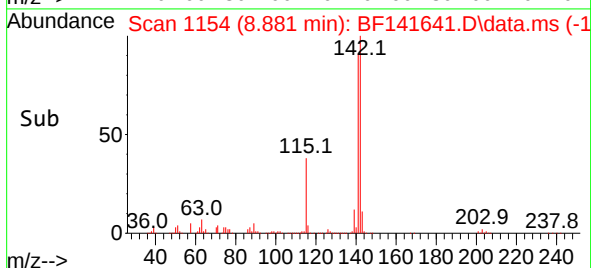
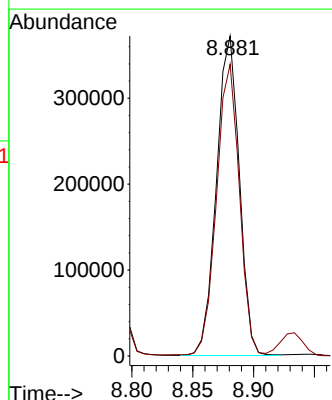
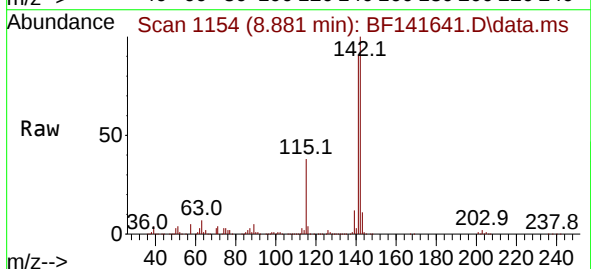
APPROVED

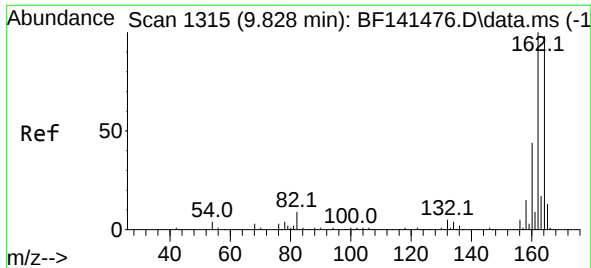
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#38
1-Methylnaphthalene
Concen: 40.635 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:142 Resp: 485638
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





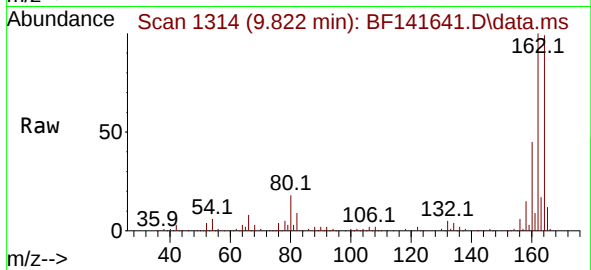
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

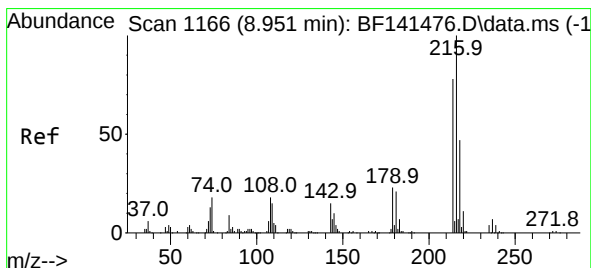
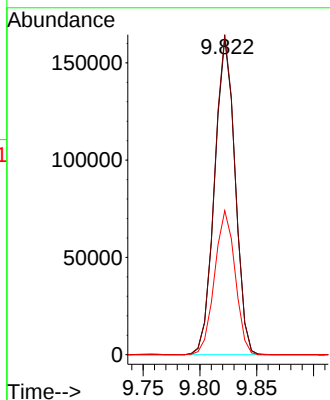
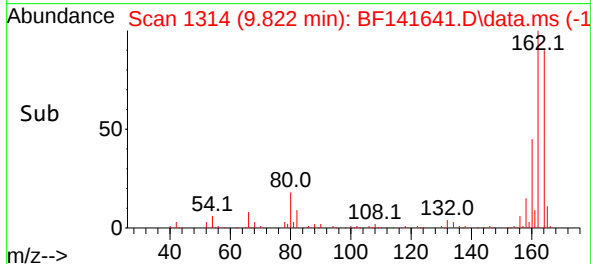


Tgt Ion:164 Resp: 203838
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.5 35.9 53.9

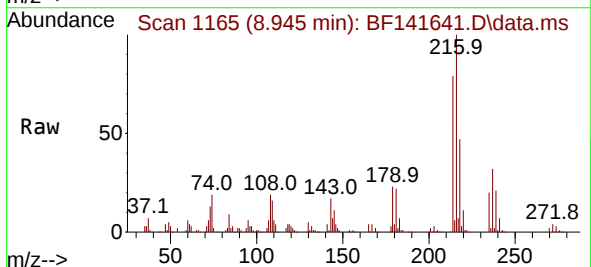
Manual Integrations

APPROVED

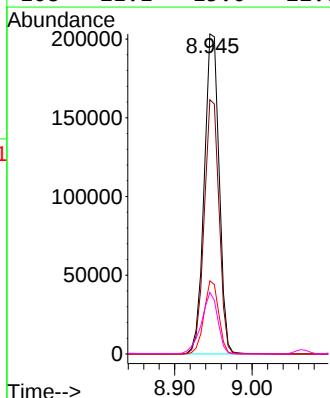
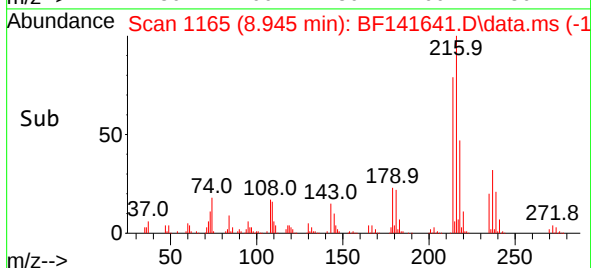
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

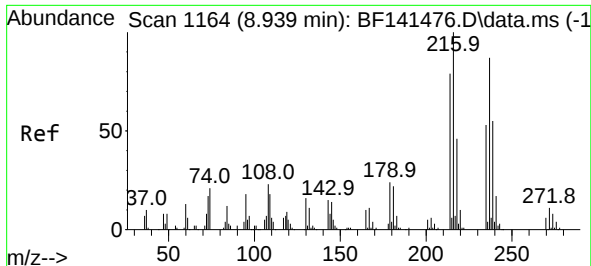


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.064 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



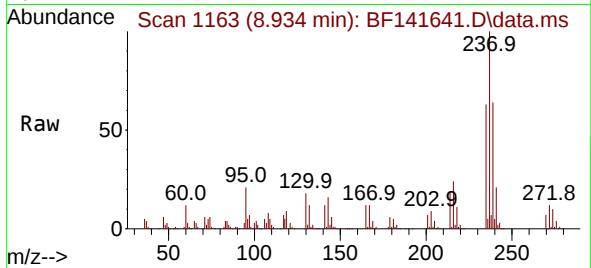
Tgt Ion:216 Resp: 271654
Ion Ratio Lower Upper
216 100
214 79.2 62.3 93.5
179 22.4 18.0 27.0
108 21.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 143.035 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

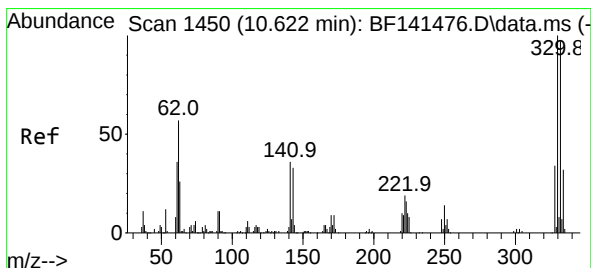
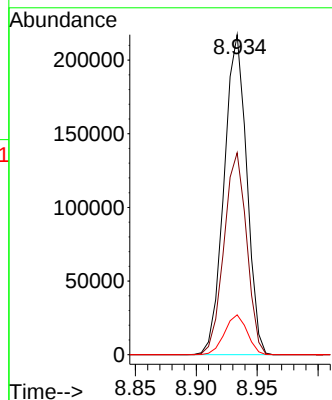
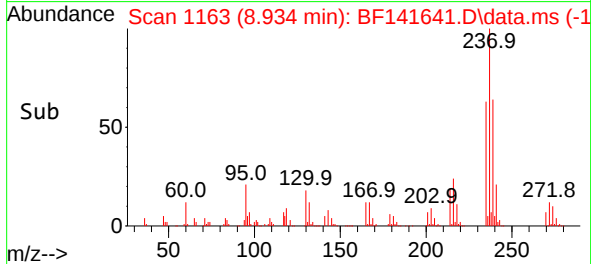
Instrument :
BNA_F
ClientSampleId :
PB166719BS



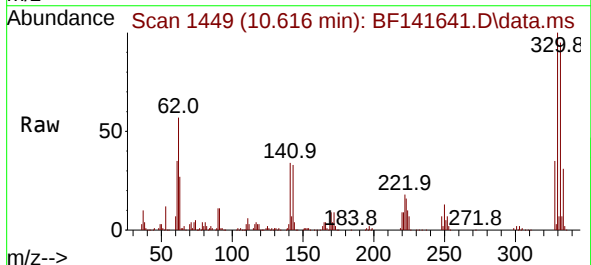
Tgt Ion:237 Resp: 280560
Ion Ratio Lower Upper
237 100
235 63.1 41.4 81.4
272 12.5 0.0 32.4

Manual Integrations
APPROVED

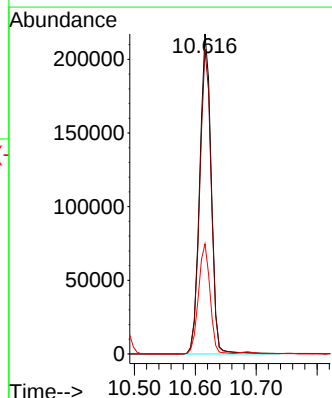
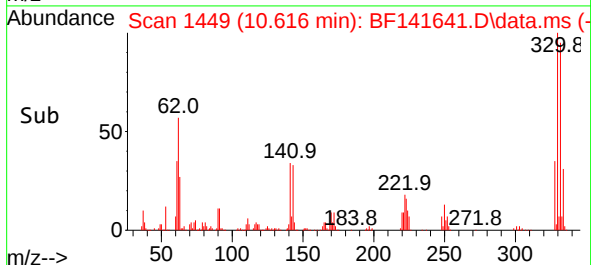
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

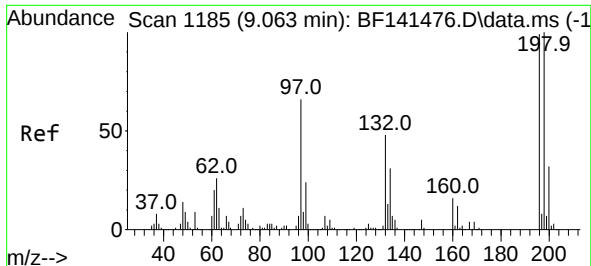


#42
2,4,6-Tribromophenol
Concen: 139.601 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



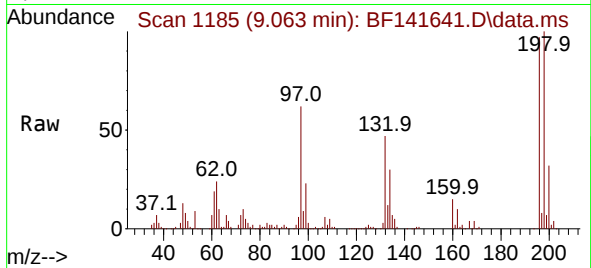
Tgt Ion:330 Resp: 285853
Ion Ratio Lower Upper
330 100
332 95.2 78.5 117.7
141 34.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 41.343 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

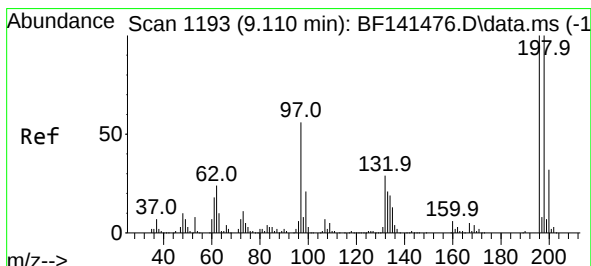
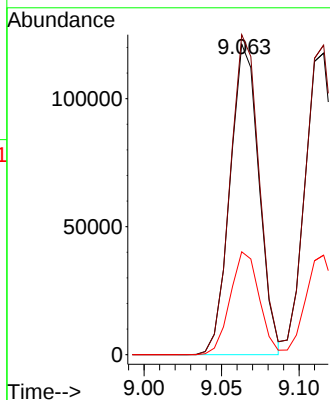
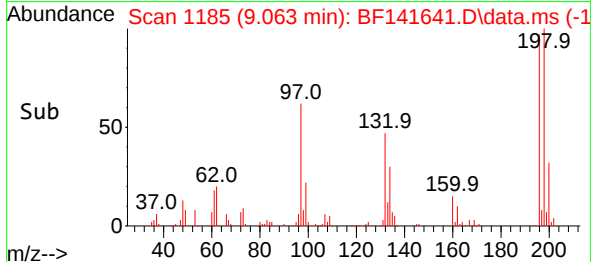
Instrument :
BNA_F
ClientSampleId :
PB166719BS



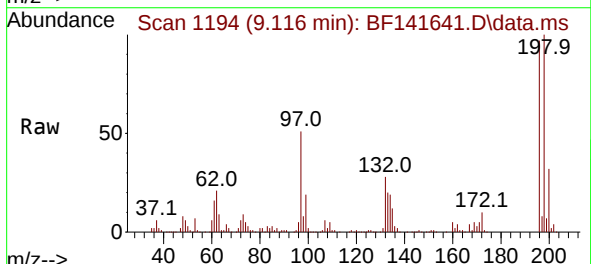
Tgt Ion:196 Resp: 157580
Ion Ratio Lower Upper
196 100
198 103.0 80.6 121.0
200 33.1 25.5 38.3

Manual Integrations
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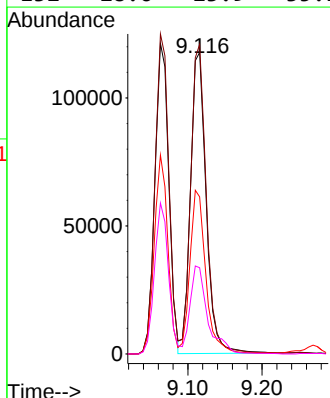
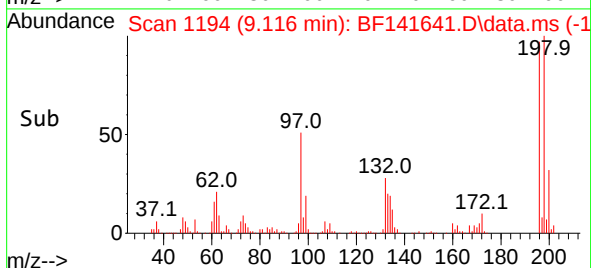
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

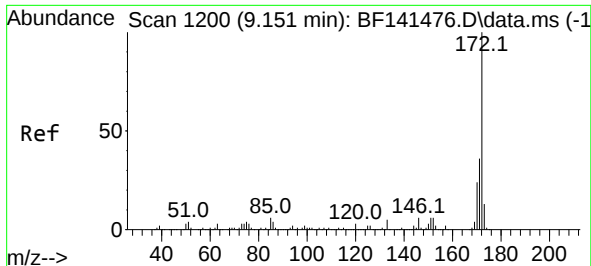


#44
2,4,5-Trichlorophenol
Concen: 41.888 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



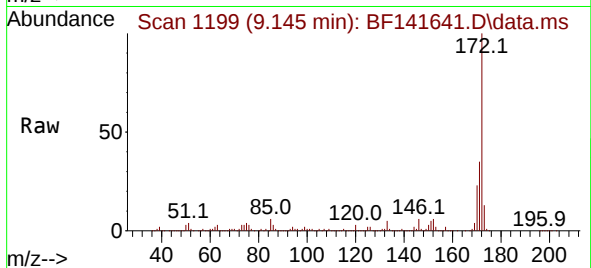
Tgt Ion:196 Resp: 173028
Ion Ratio Lower Upper
196 100
198 102.6 79.8 119.8
97 52.1 44.8 67.2
132 28.6 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 92.474 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

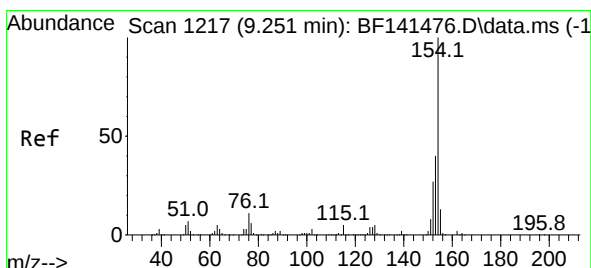
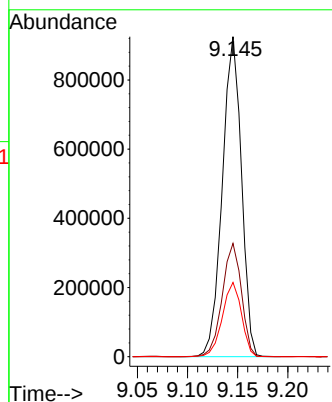
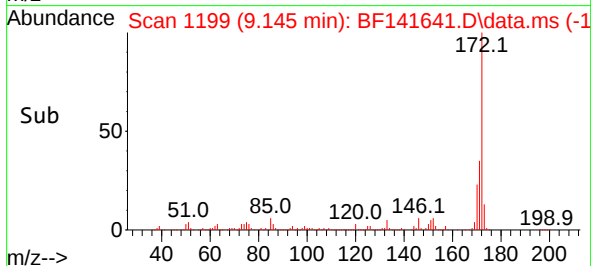
Instrument :
BNA_F
ClientSampleId :
PB166719BS



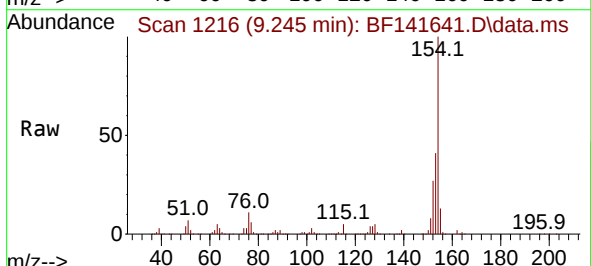
Tgt Ion:172 Resp: 122349
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.2 18.9 28.3

Manual Integrations
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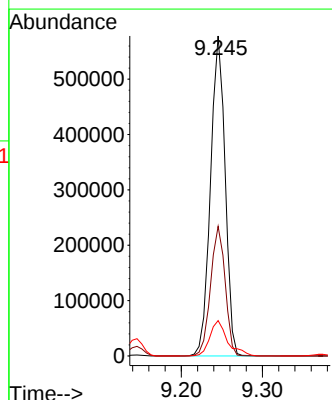
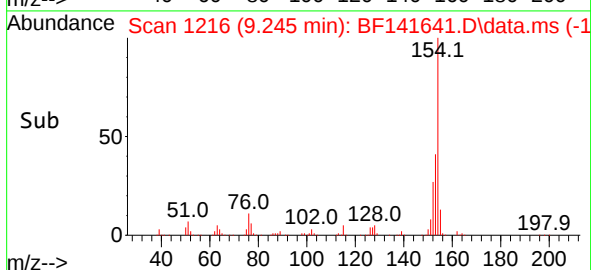
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

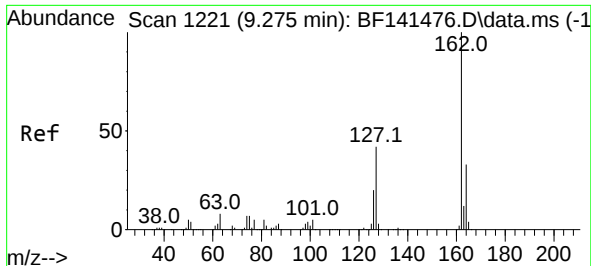


#46
1,1'-Biphenyl
Concen: 45.657 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:154 Resp: 721518
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.1 0.0 30.8





#47
2-Chloronaphthalene
Concen: 42.394 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

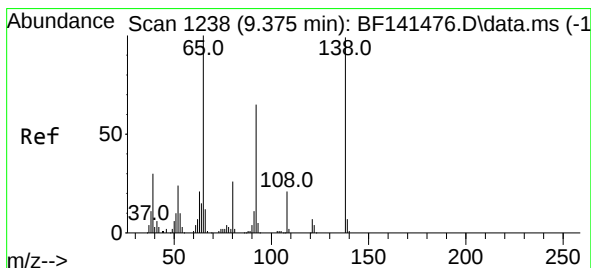
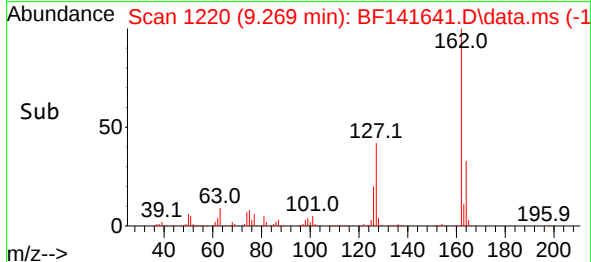
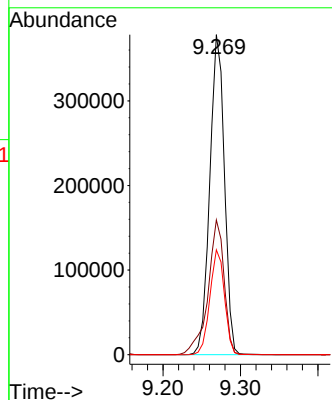
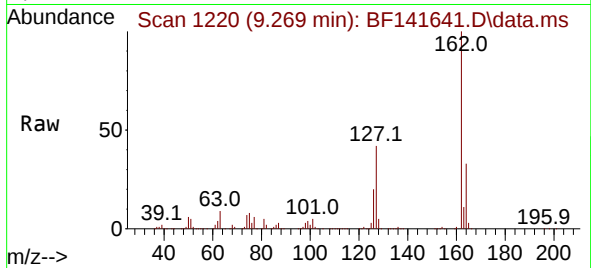
ClientSampleId :

PB166719BS

Tgt Ion:162 Resp: 495410
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 32.8 26.3 39.5

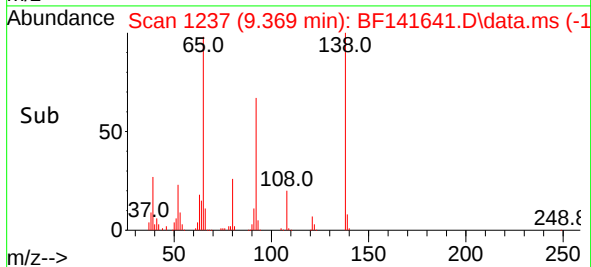
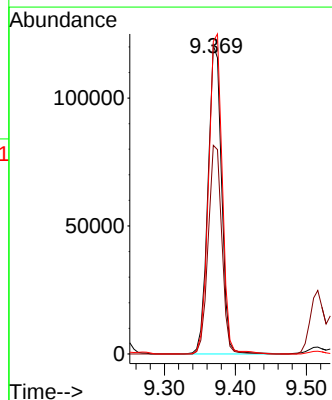
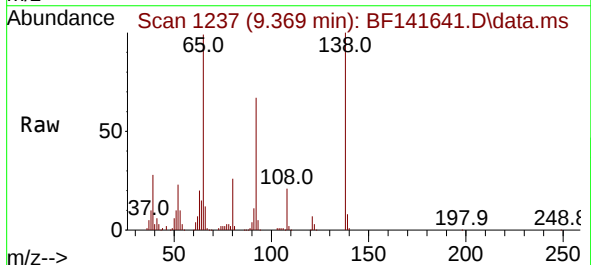
Manual Integrations
APPROVED

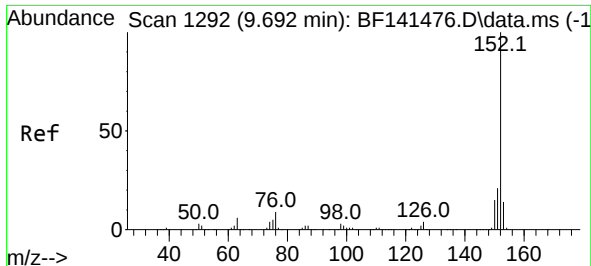
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#48
2-Nitroaniline
Concen: 41.166 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion: 65 Resp: 161448
Ion Ratio Lower Upper
65 100
92 67.7 52.2 78.2
138 101.4 79.5 119.3





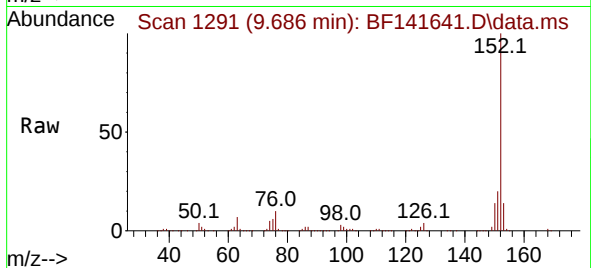
#49
Acenaphthylene
Concen: 43.888 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



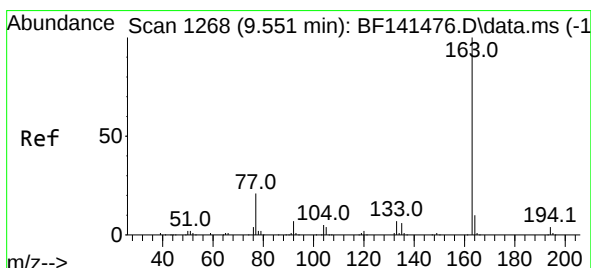
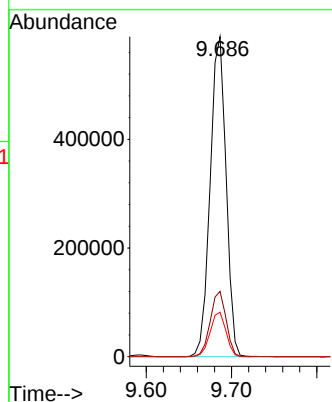
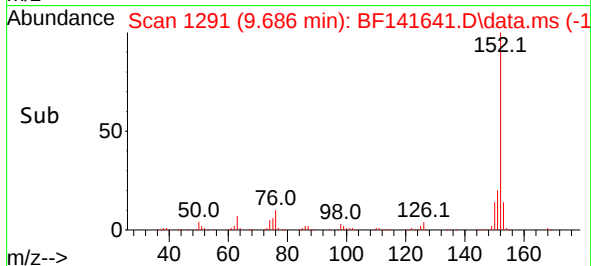
Tgt Ion:152 Resp: 76284
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations

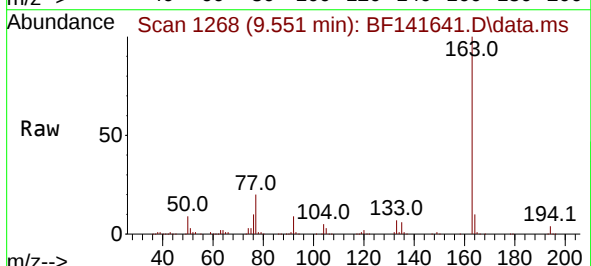
APPROVED

Reviewed By :Yogesh Patel 02/15/2025

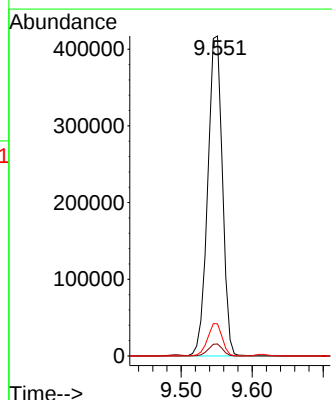
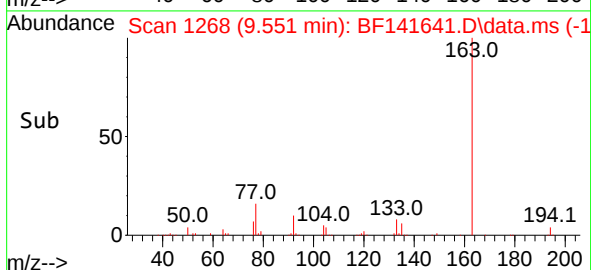
Supervised By :Jagrut Upadhyay 02/19/2025

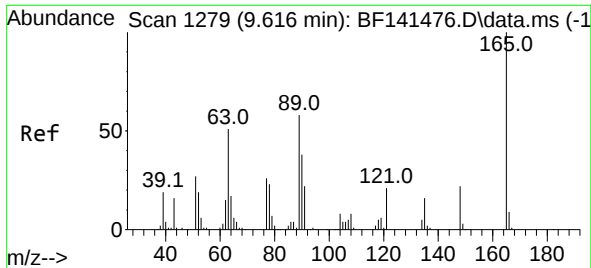


#50
Dimethylphthalate
Concen: 43.335 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



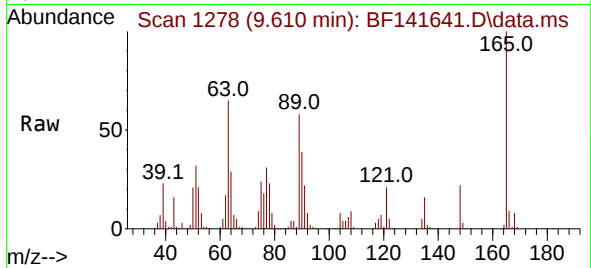
Tgt Ion:163 Resp: 599672
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.608 ng
RT: 9.610 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

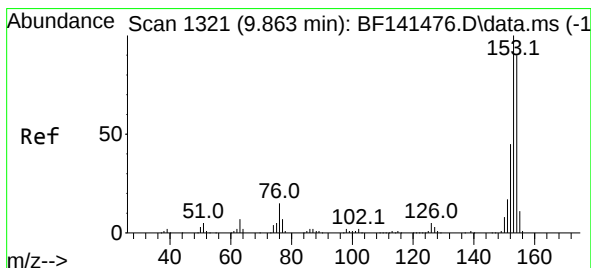
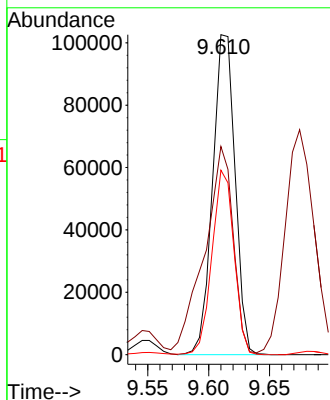
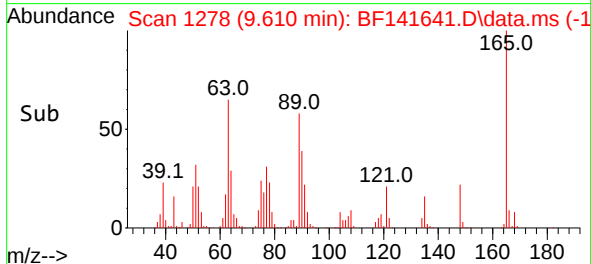
Instrument :
BNA_F
ClientSampleId :
PB166719BS



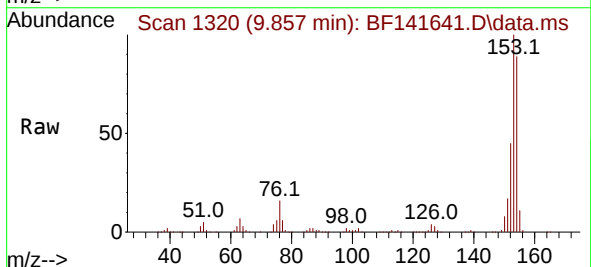
Tgt Ion:165 Resp: 131918
Ion Ratio Lower Upper
165 100
63 65.0 49.4 74.0
89 57.6 46.5 69.7

Manual Integrations
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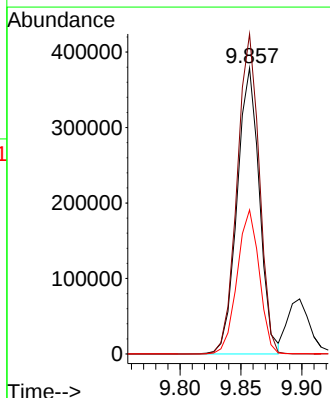
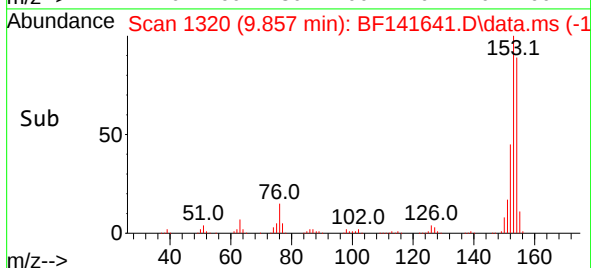
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

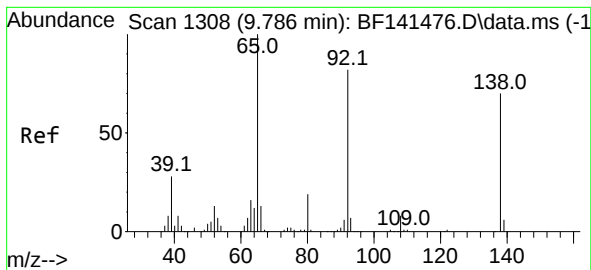


#52
Acenaphthene
Concen: 41.383 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:154 Resp: 483581
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 25.210 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

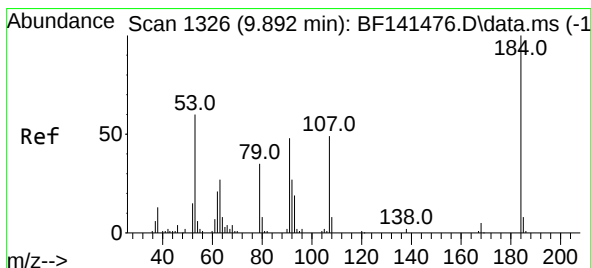
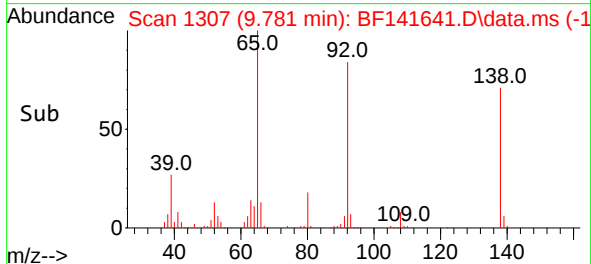
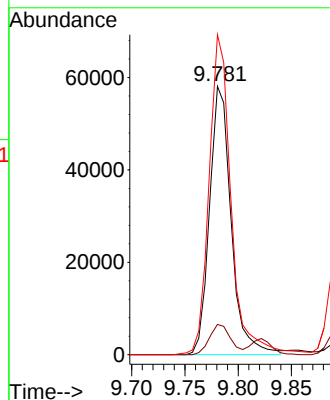
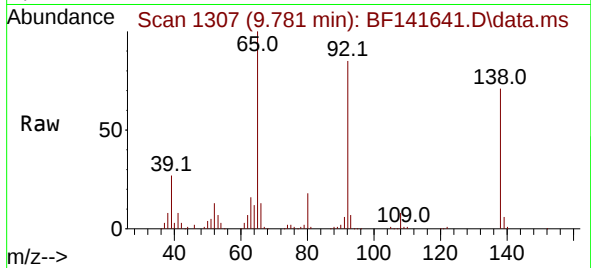
Tgt Ion:138 Resp: 8208
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.0 13.4
 92 119.2 93.7 140.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#54

2,4-Dinitrophenol

Concen: 80.858 ng

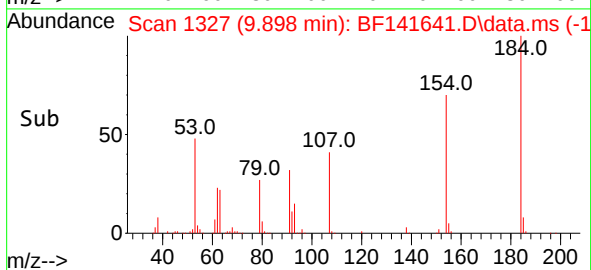
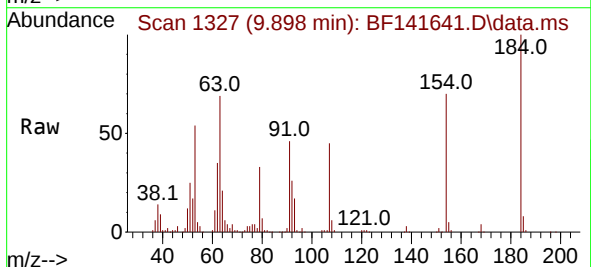
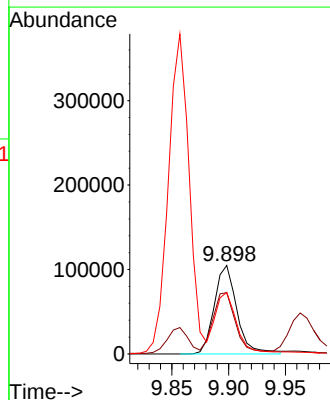
RT: 9.898 min Scan# 1327

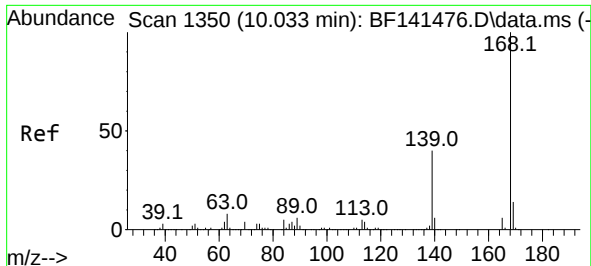
Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Tgt Ion:184 Resp: 145374
 Ion Ratio Lower Upper
 184 100
 63 69.3 61.0 91.6
 154 69.5 59.9 89.9





#55
Dibenzenofuran
Concen: 40.319 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

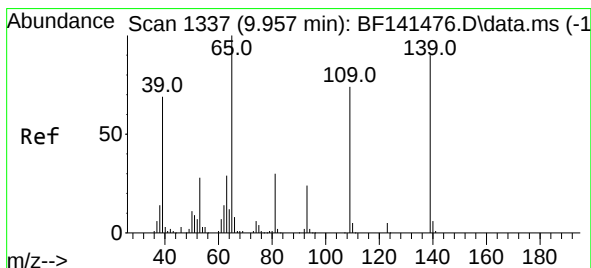
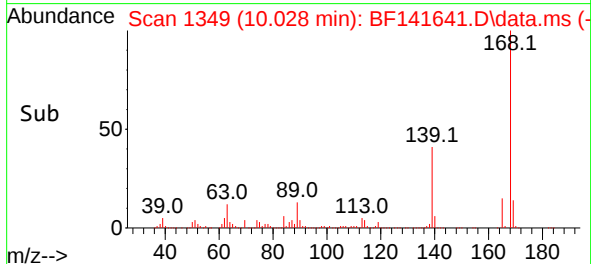
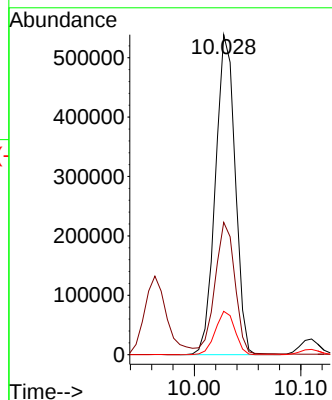
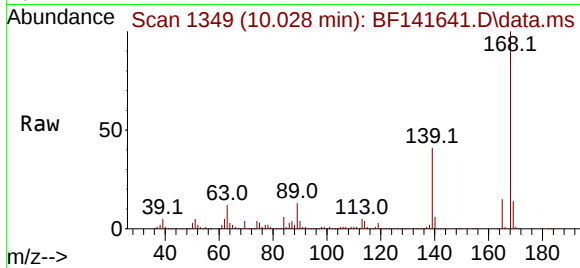
ClientSampleId :

PB166719BS

Tgt Ion:168 Resp: 691540
Ion Ratio Lower Upper
168 100
139 41.4 32.7 49.1
169 13.6 10.8 16.2

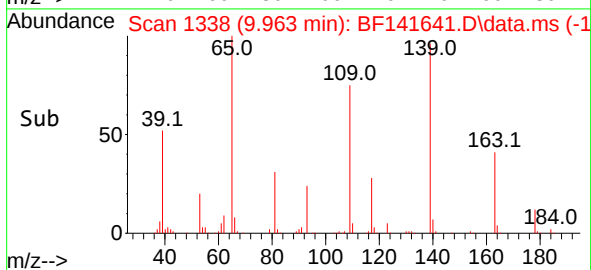
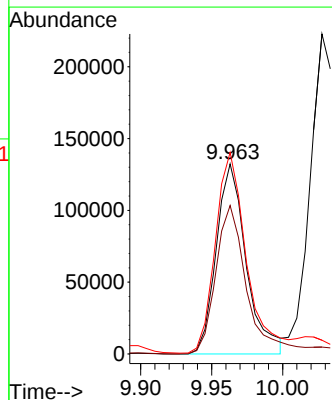
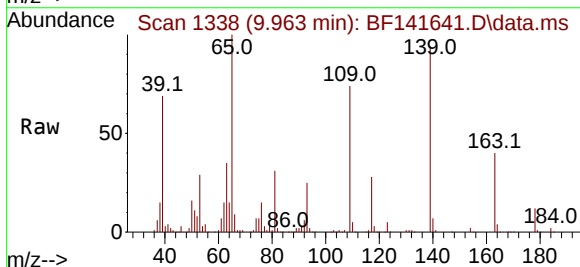
Manual Integrations
APPROVED

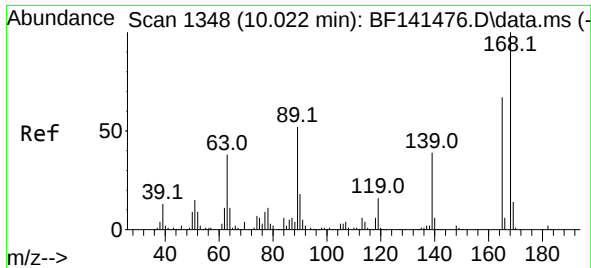
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#56
4-Nitrophenol
Concen: 80.310 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:139 Resp: 194106
Ion Ratio Lower Upper
139 100
109 78.1 62.0 102.0
65 106.0 91.2 131.2





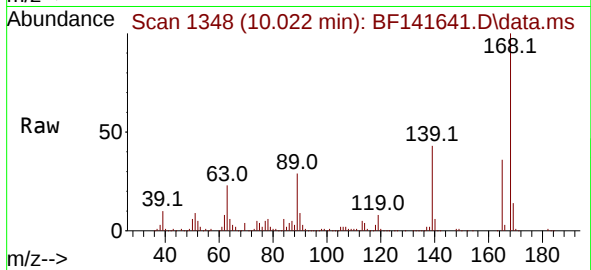
#57
2,4-Dinitrotoluene
Concen: 43.459 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



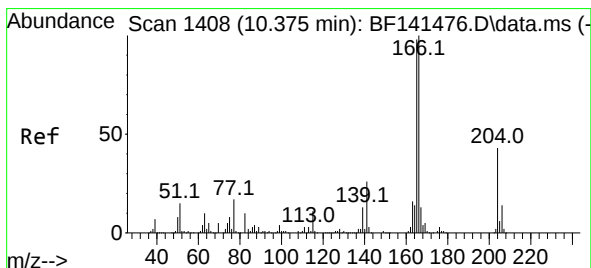
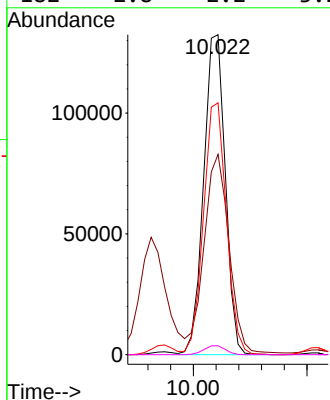
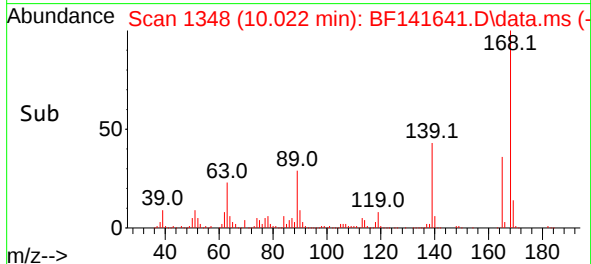
Tgt Ion:165 Resp: 175014
Ion Ratio Lower Upper
165 100
63 62.6 46.4 69.6
89 78.7 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations

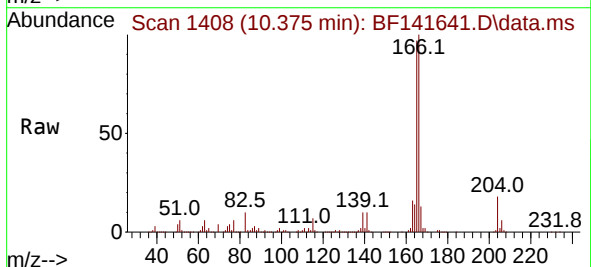
APPROVED

Reviewed By :Yogesh Patel 02/15/2025

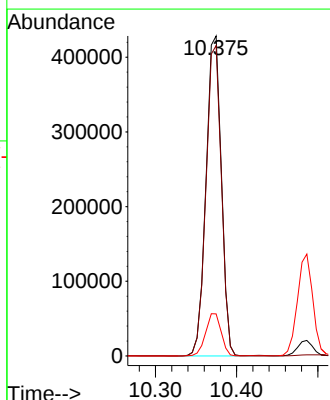
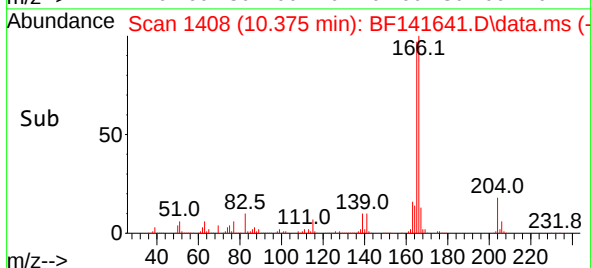
Supervised By :Jagrut Upadhyay 02/19/2025

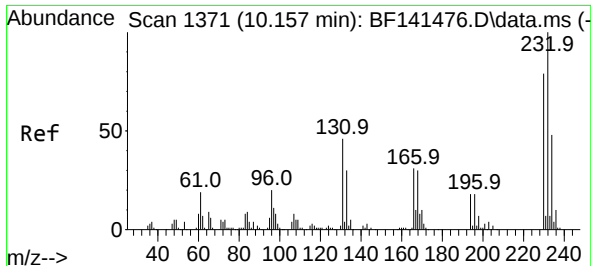


#58
Fluorene
Concen: 42.374 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



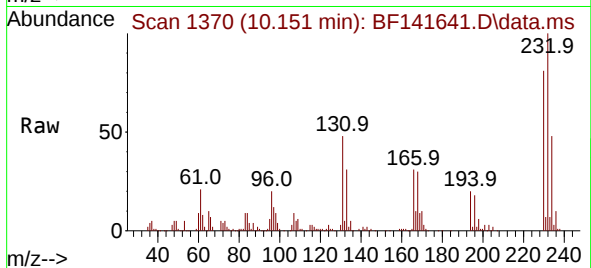
Tgt Ion:166 Resp: 561961
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.694 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

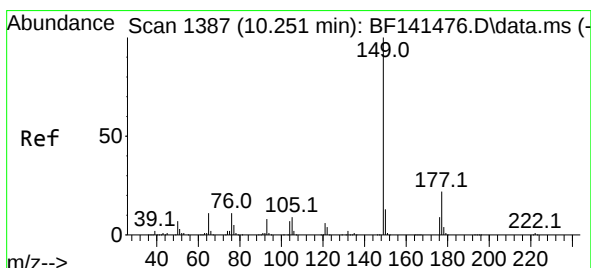
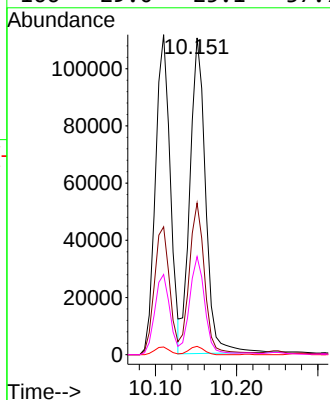
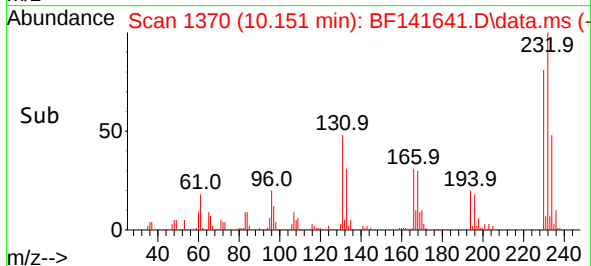
Instrument :
BNA_F
ClientSampleId :
PB166719BS



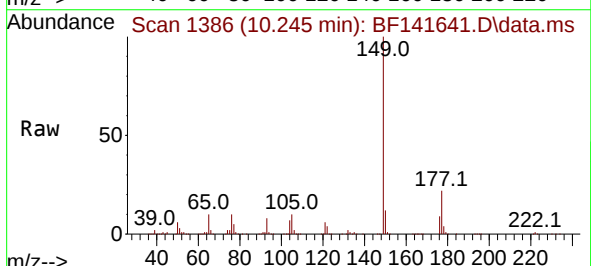
Tgt Ion:232 Resp: 148280
Ion Ratio Lower Upper
232 100
131 47.4 39.2 58.8
130 2.5 2.1 3.1
166 29.0 25.1 37.7

Manual Integrations
APPROVED

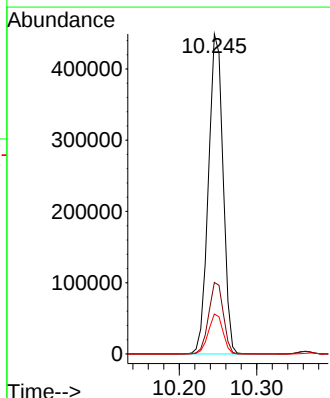
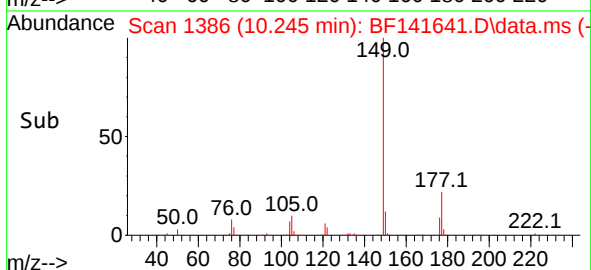
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

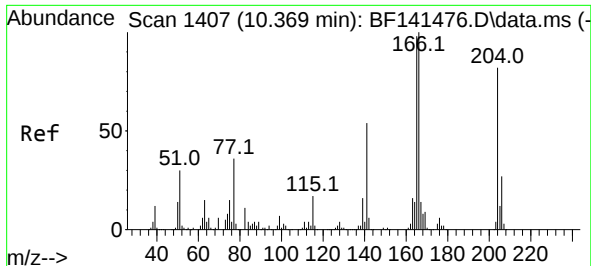


#60
Diethylphthalate
Concen: 43.261 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



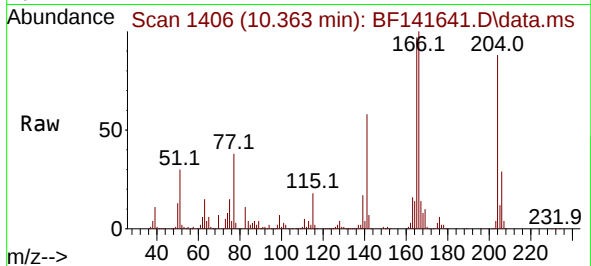
Tgt Ion:149 Resp: 588999
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.390 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

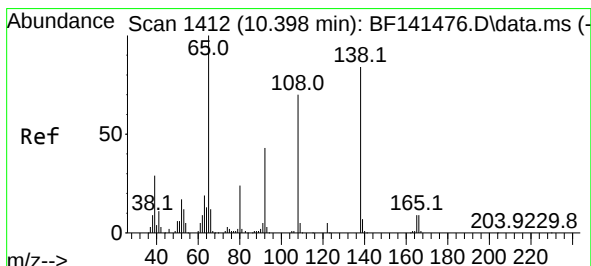
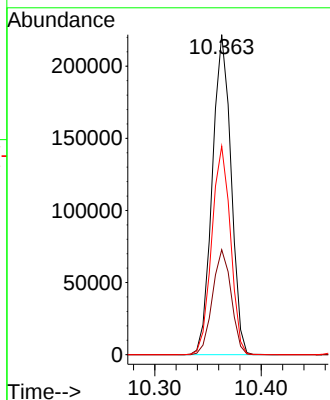
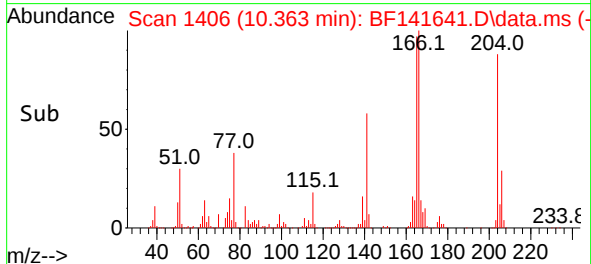
Instrument :
BNA_F
ClientSampleId :
PB166719BS



Tgt Ion:204 Resp: 270456
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 65.1 51.9 77.9

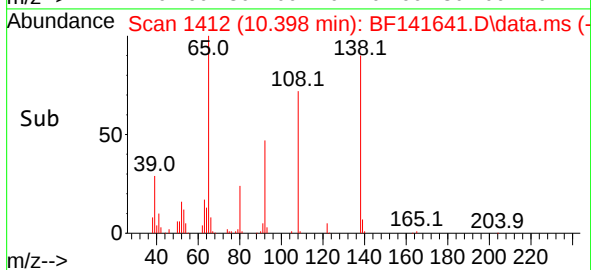
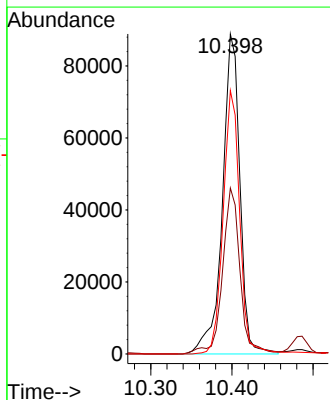
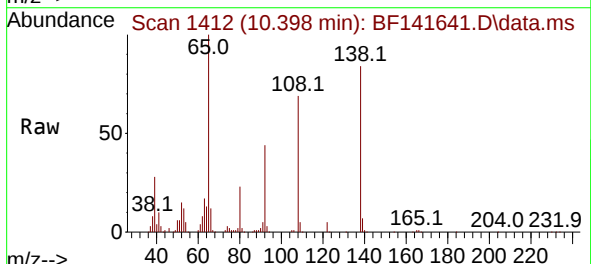
Manual Integrations
APPROVED

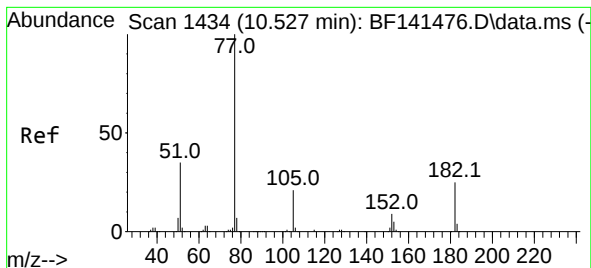
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#62
4-Nitroaniline
Concen: 40.352 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:138 Resp: 133406
Ion Ratio Lower Upper
138 100
92 51.9 31.3 71.3
108 82.3 63.7 103.7





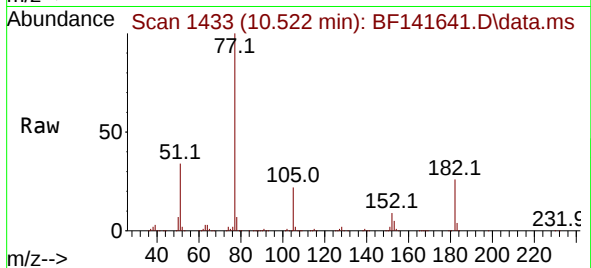
#63
Azobenzene
Concen: 41.085 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



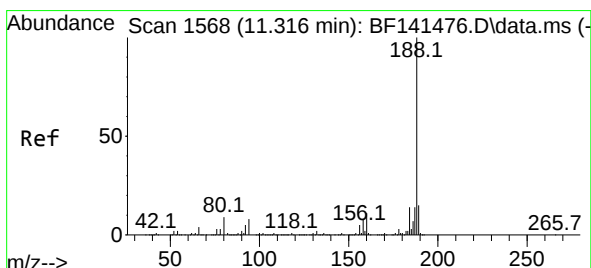
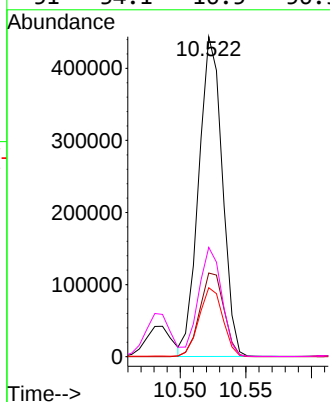
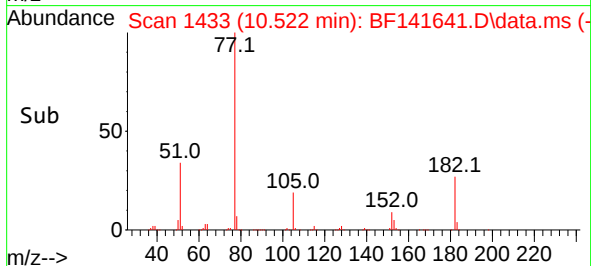
Tgt Ion: 77 Resp: 55608
Ion Ratio Lower Upper
77 100
182 26.1 4.7 44.7
105 21.6 0.4 40.4
51 34.1 16.5 56.5

Manual Integrations

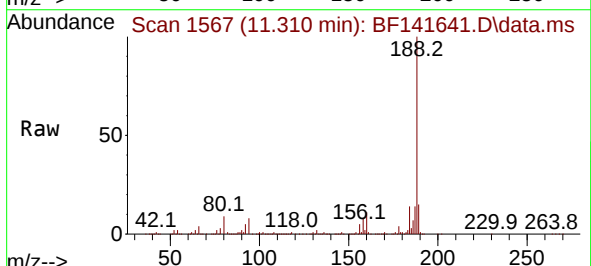
APPROVED

Reviewed By :Yogesh Patel 02/15/2025

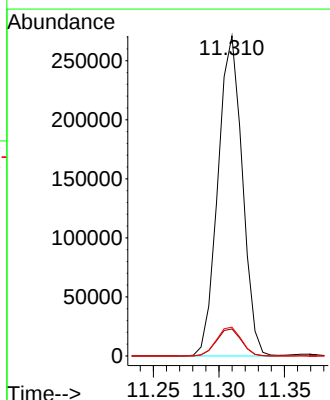
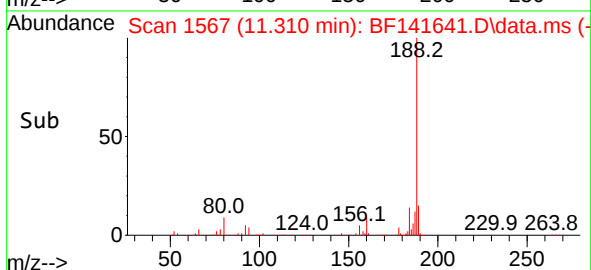
Supervised By :Jagrut Upadhyay 02/19/2025

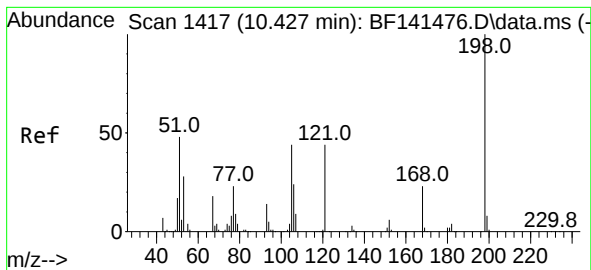


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:188 Resp: 350151
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.246 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

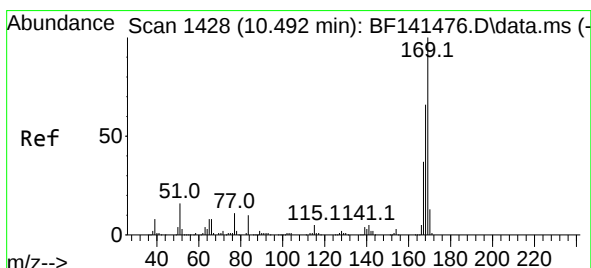
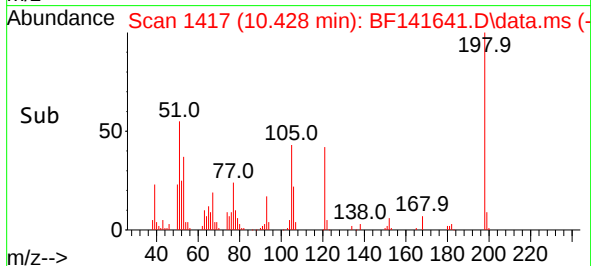
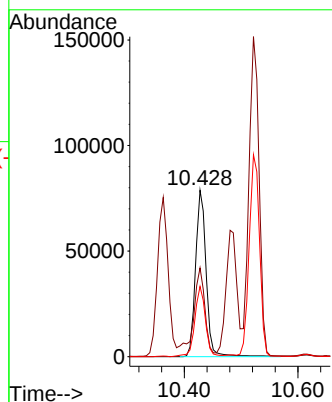
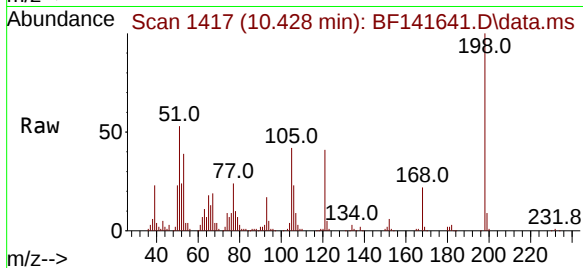
PB166719BS

Tgt Ion:198 Resp: 102750
Ion Ratio Lower Upper
198 100
51 53.3 37.4 77.4
105 42.2 25.2 65.2

Manual Integrations

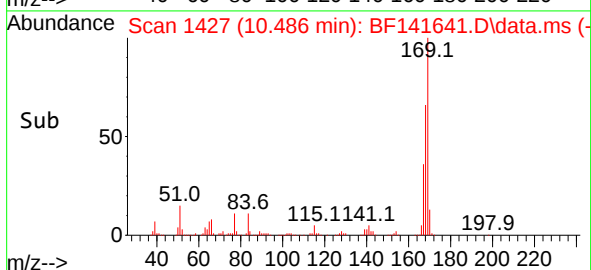
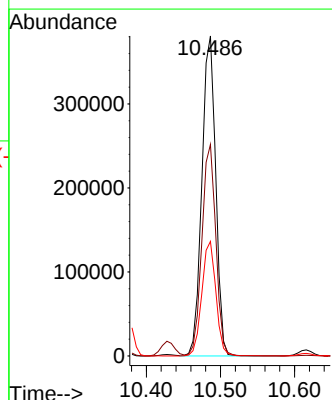
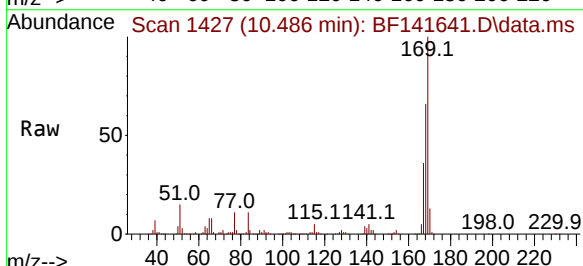
APPROVED

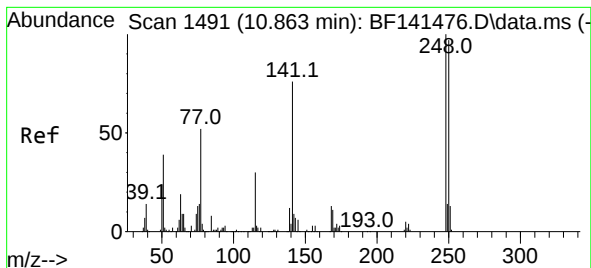
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#66
n-Nitrosodiphenylamine
Concen: 43.986 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

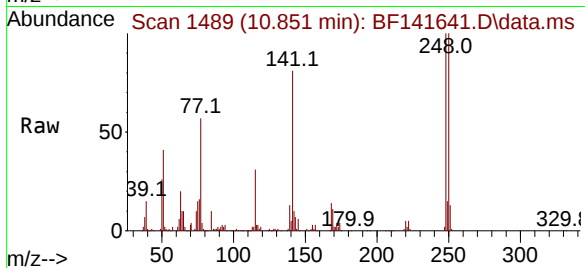
Tgt Ion:169 Resp: 493023
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 35.8 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.607 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

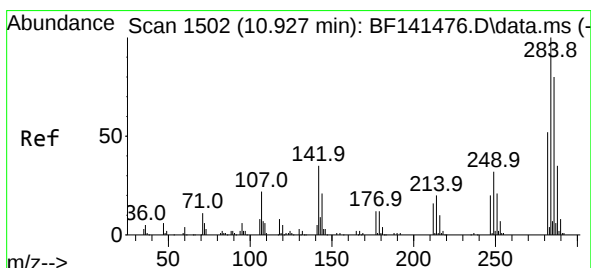
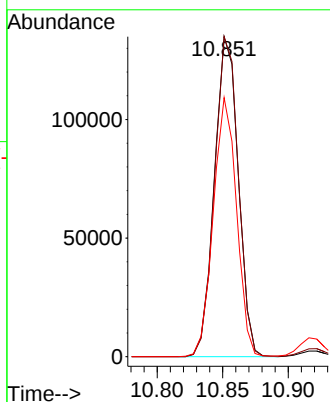
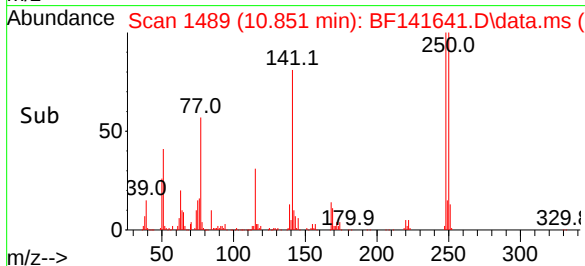
Instrument :
BNA_F
ClientSampleId :
PB166719BS



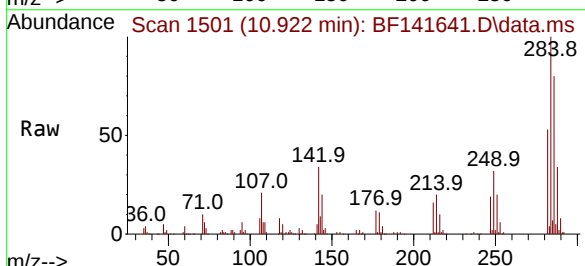
Tgt Ion:248 Resp: 17065
Ion Ratio Lower Upper
248 100
250 100.0 77.8 116.6
141 80.9 60.6 90.8

Manual Integrations
APPROVED

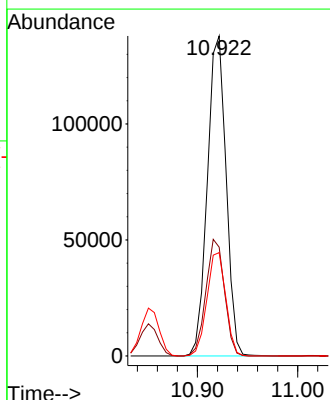
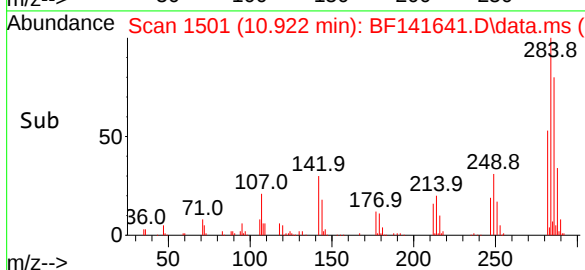
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

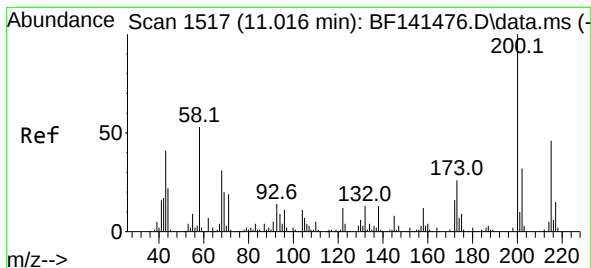


#68
Hexachlorobenzene
Concen: 44.472 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:284 Resp: 179210
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 32.3 25.8 38.8





#69

Atrazine

Concen: 55.428 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

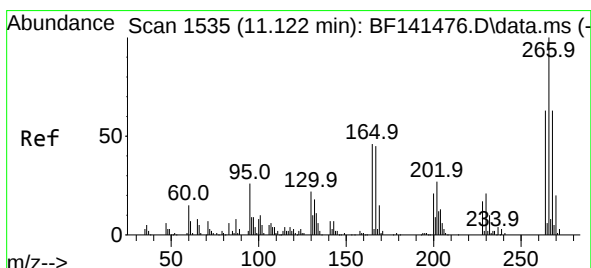
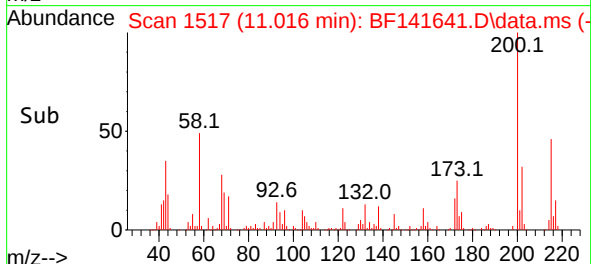
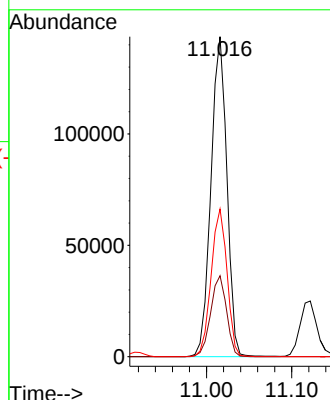
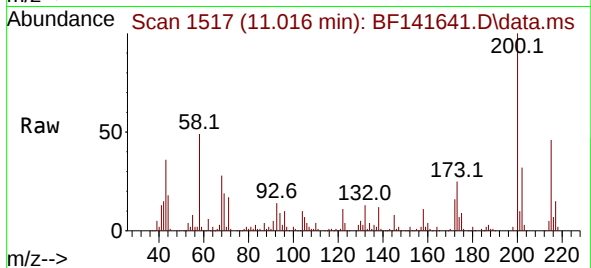
Tgt Ion:200 Resp: 18638
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.9 45.9
 215 46.1 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#70

Pentachlorophenol

Concen: 77.048 ng

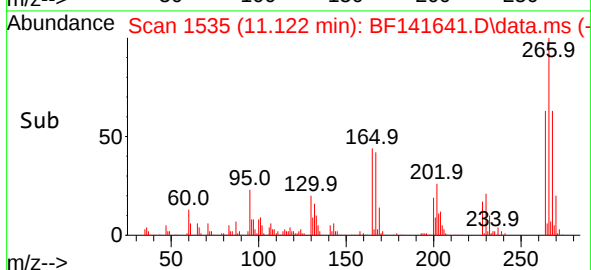
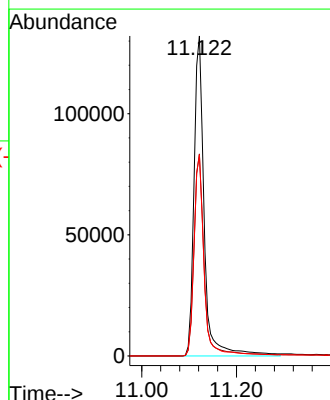
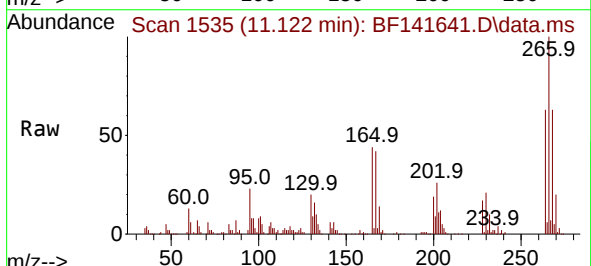
RT: 11.122 min Scan# 1535

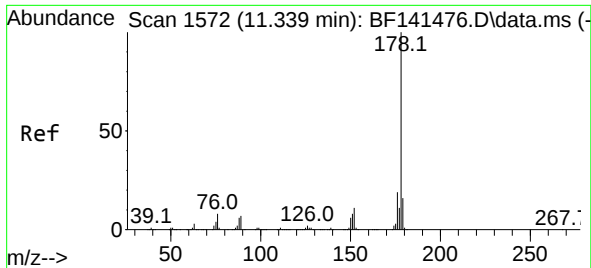
Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Tgt Ion:266 Resp: 198529
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.1 75.1
 264 62.9 50.1 75.1





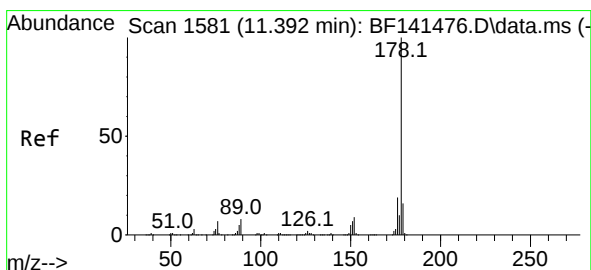
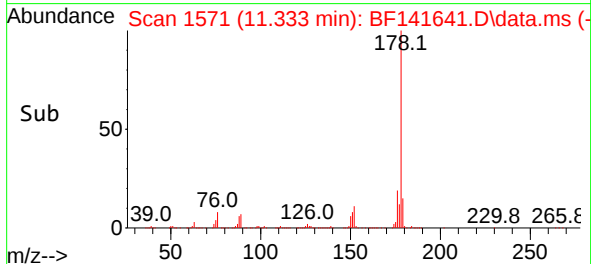
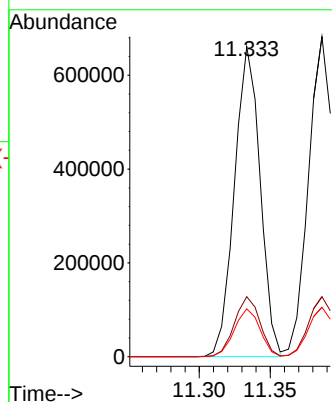
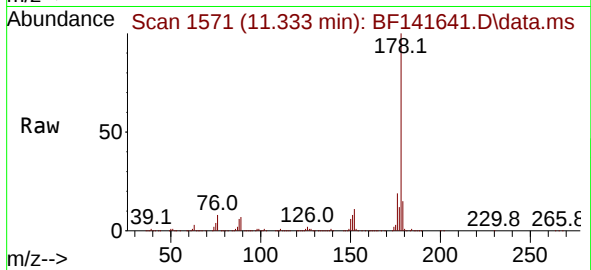
#71
Phenanthrene
Concen: 43.229 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :
BNA_F
ClientSampleId :
PB166719BS

Tgt Ion:178 Resp: 833200
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6

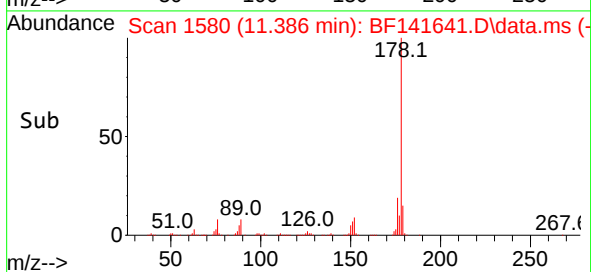
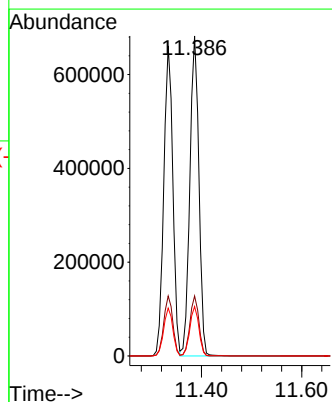
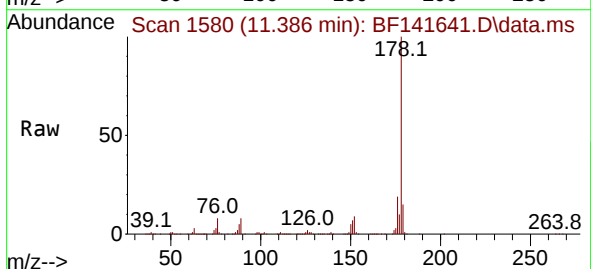
Manual Integrations
APPROVED

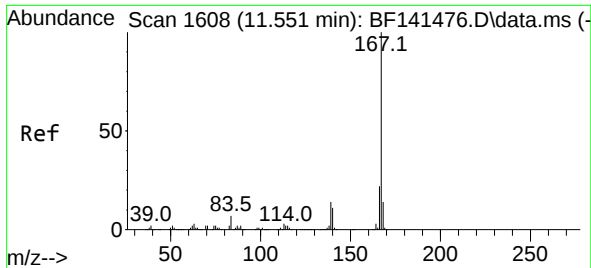
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#72
Anthracene
Concen: 44.188 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

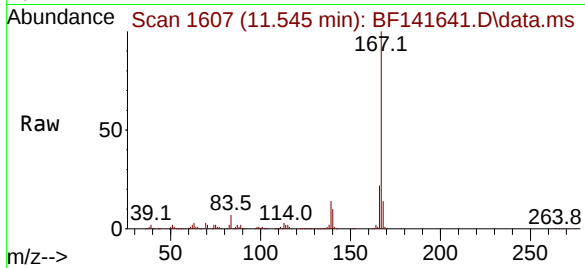
Tgt Ion:178 Resp: 856146
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.646 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

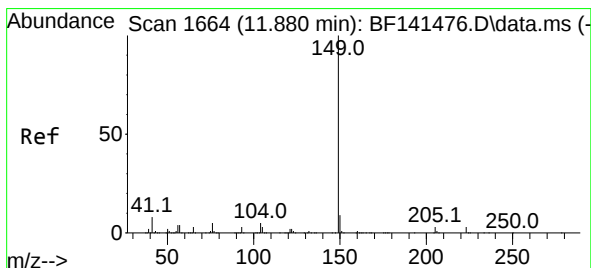
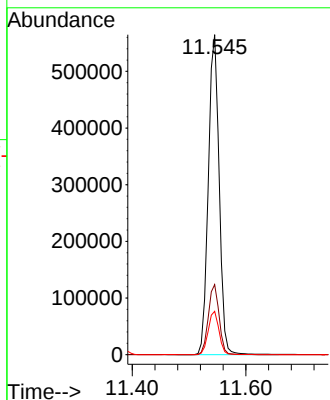
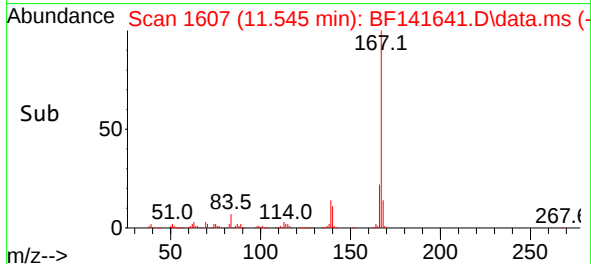
Instrument :
BNA_F
ClientSampleId :
PB166719BS



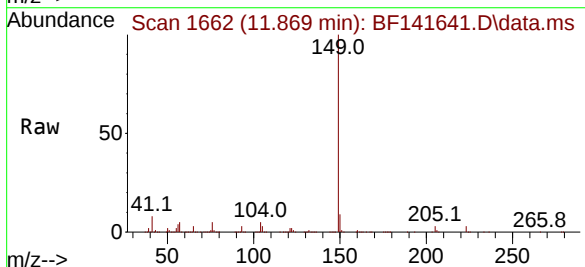
Tgt Ion:167 Resp: 743489
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.5 10.9 16.3

Manual Integrations
APPROVED

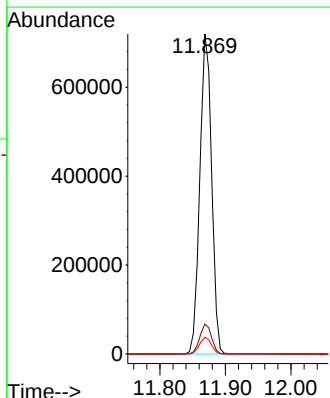
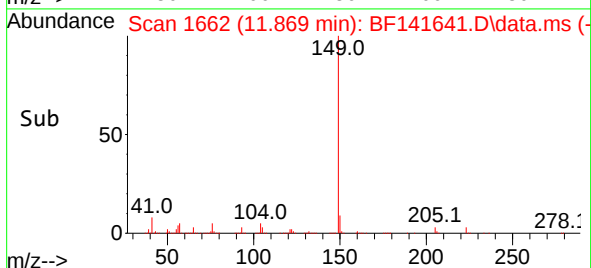
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

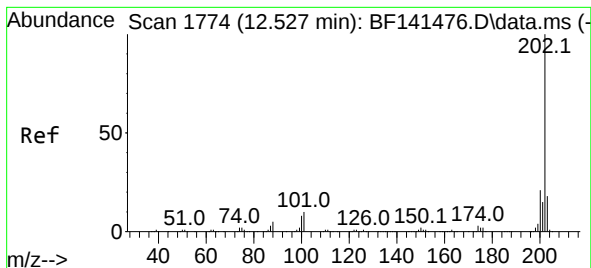


#74
Di-n-butylphthalate
Concen: 44.782 ng
RT: 11.869 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:149 Resp: 901458
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 42.636 ng

RT: 12.522 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

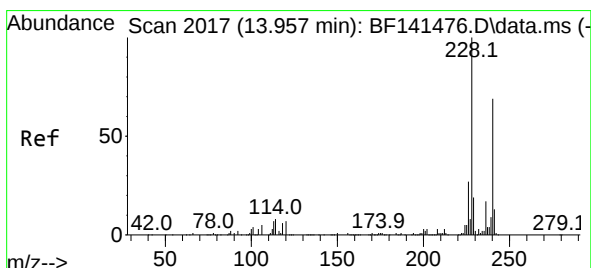
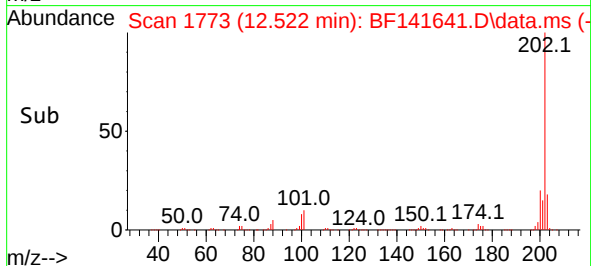
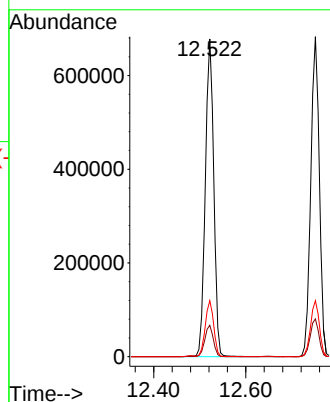
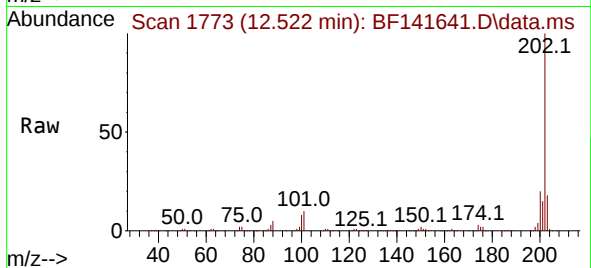
Tgt Ion:	202	Resp:	871234
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.2
203	17.6	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#76

Chrysene-d12

Concen: 20.000 ng

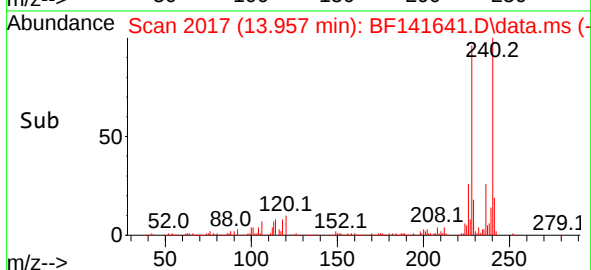
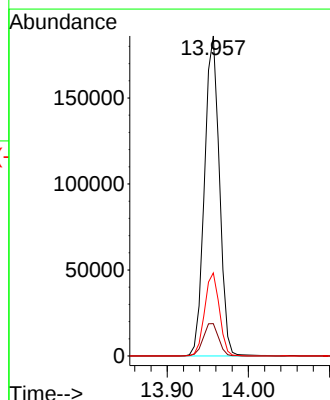
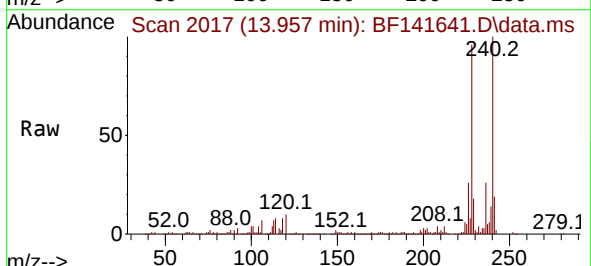
RT: 13.957 min Scan# 2017

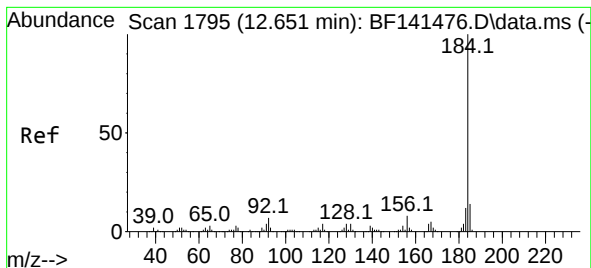
Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Tgt Ion:	240	Resp:	237015
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.0	12.0
236	26.0	19.8	29.8





#77

Benzidine

Concen: 47.694 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

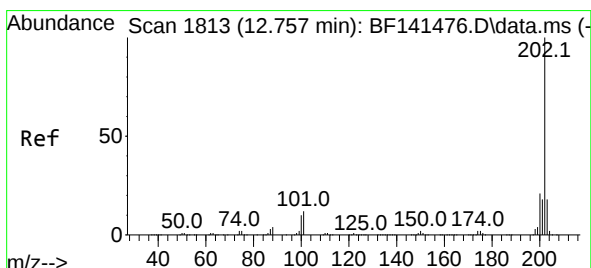
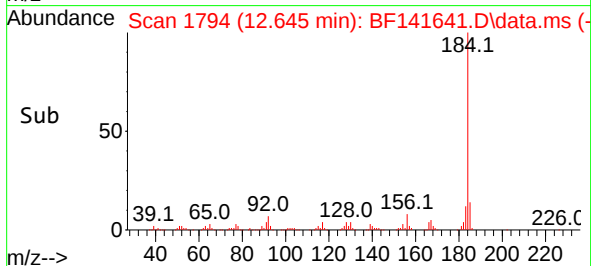
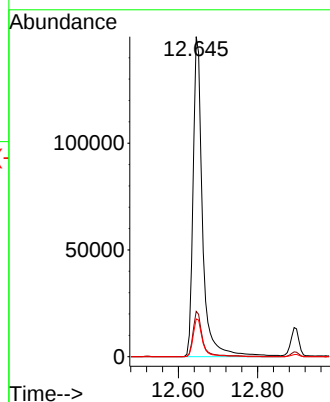
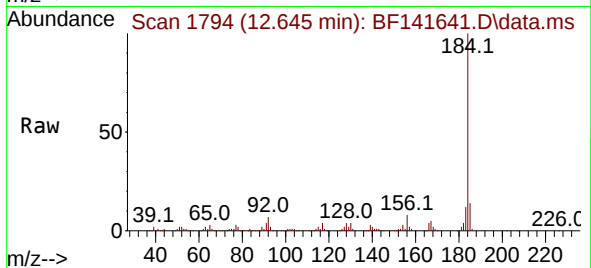
ClientSampleId :

PB166719BS

Tgt Ion:184 Resp: 249307
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.3 16.9
 183 11.8 9.3 13.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#78

Pyrene

Concen: 43.618 ng

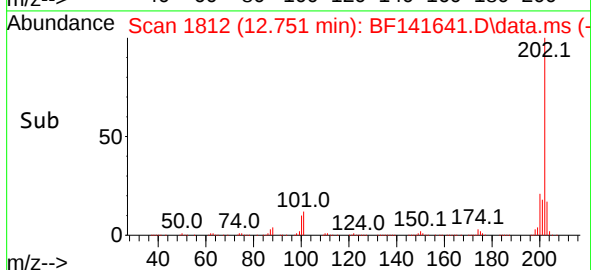
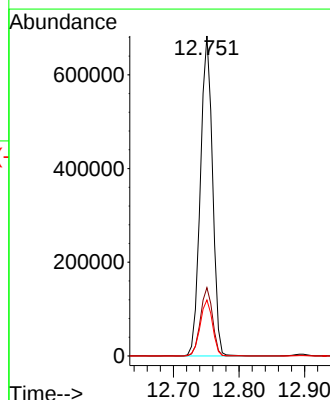
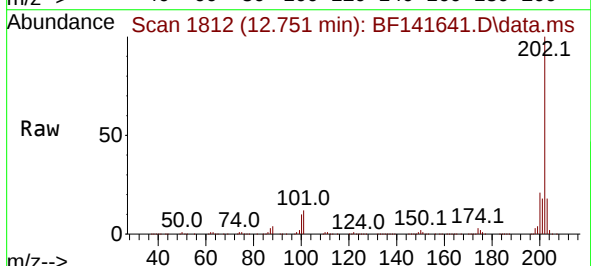
RT: 12.751 min Scan# 1812

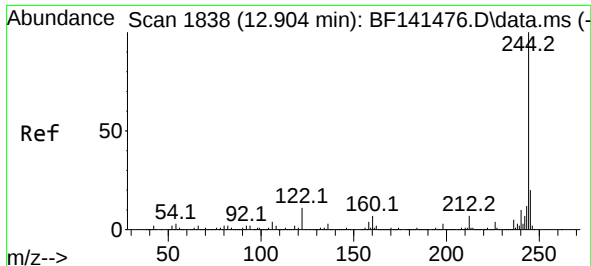
Delta R.T. -0.012 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Tgt Ion:202 Resp: 880062
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.4
 203 17.5 14.3 21.5





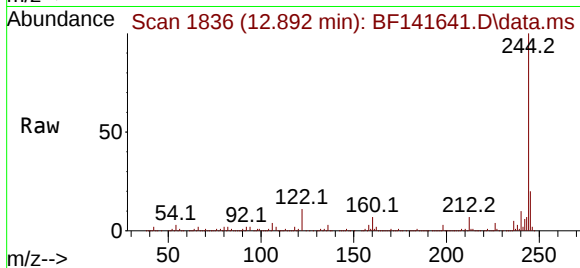
#79
 Terphenyl-d14
 Concen: 100.918 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141641.D
 Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

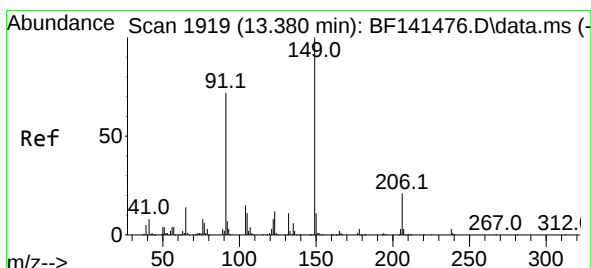
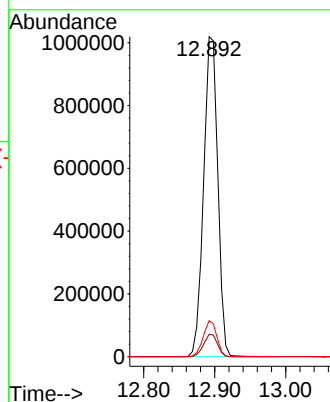
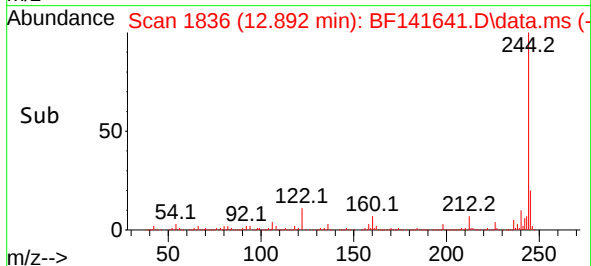


Tgt Ion:244 Resp: 141685
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 8.4 12.6

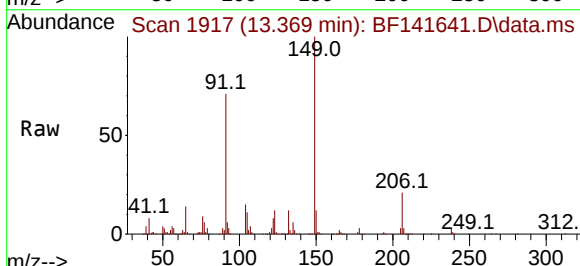
Manual Integrations

APPROVED

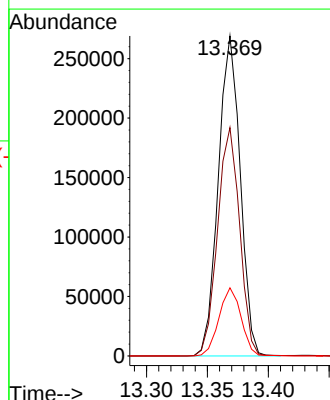
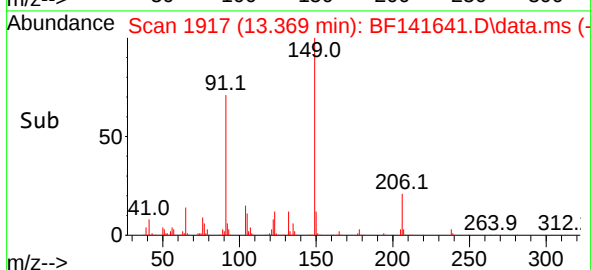
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

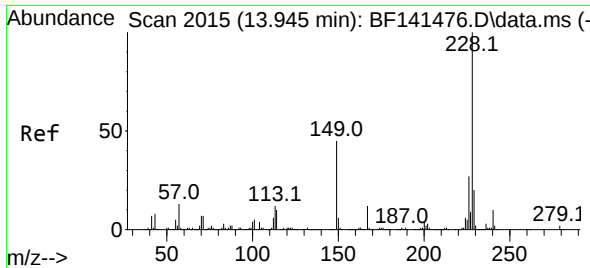


#80
 Butylbenzylphthalate
 Concen: 48.329 ng
 RT: 13.369 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141641.D
 Acq: 14 Feb 2025 15:56



Tgt Ion:149 Resp: 337746
 Ion Ratio Lower Upper
 149 100
 91 71.3 57.8 86.8
 206 21.3 16.7 25.1





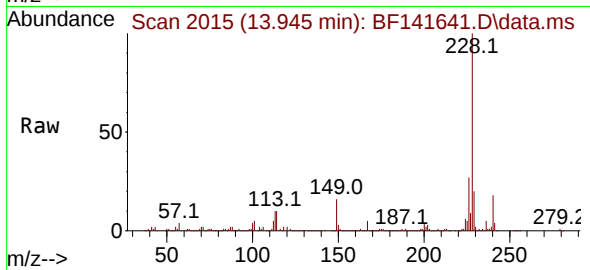
#81
Benzo(a)anthracene
Concen: 43.780 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

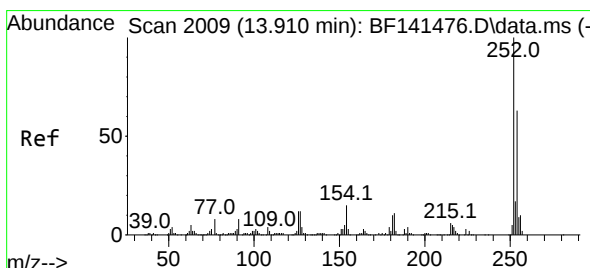
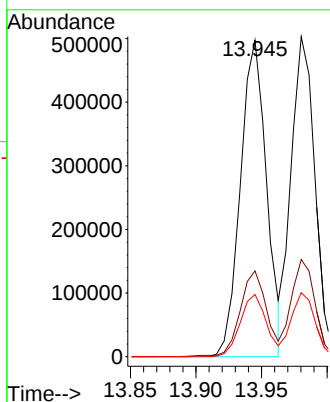
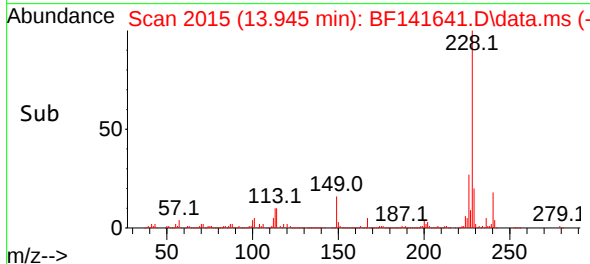


Tgt Ion:228 Resp: 68976
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

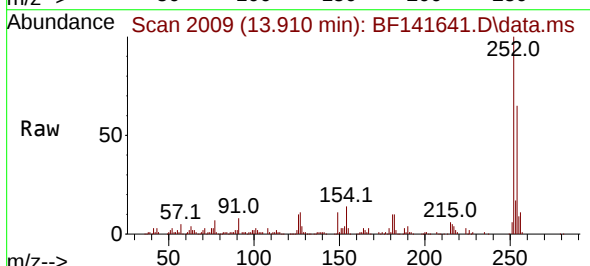
Manual Integrations

APPROVED

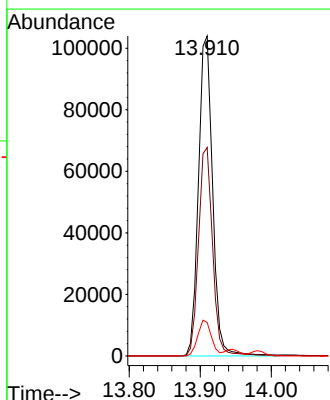
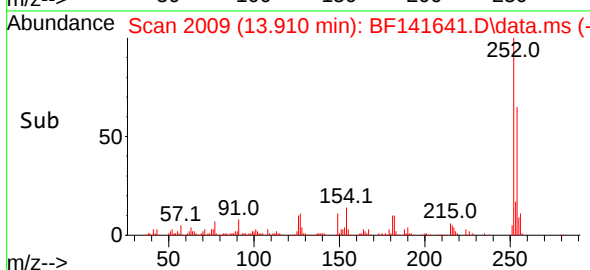
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

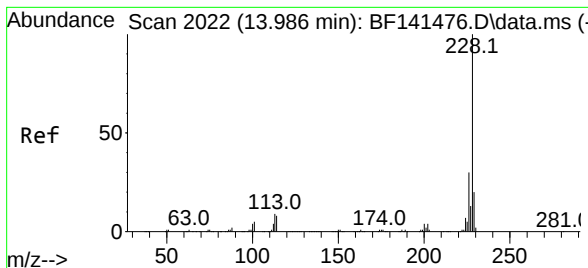


#82
3,3'-Dichlorobenzidine
Concen: 31.983 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:252 Resp: 144343
Ion Ratio Lower Upper
252 100
254 65.2 50.6 76.0
126 10.5 9.3 13.9





#83

Chrysene

Concen: 43.593 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141641.D

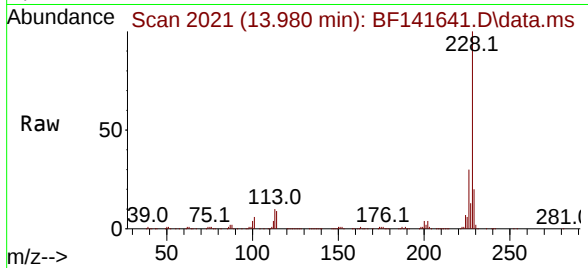
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS



Tgt Ion:228 Resp: 63416

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

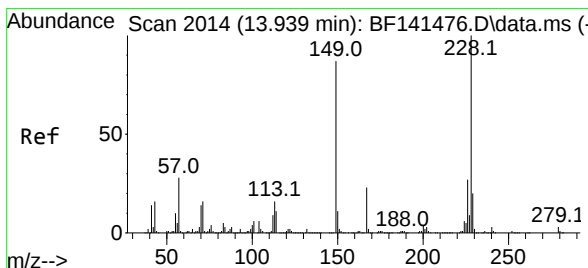
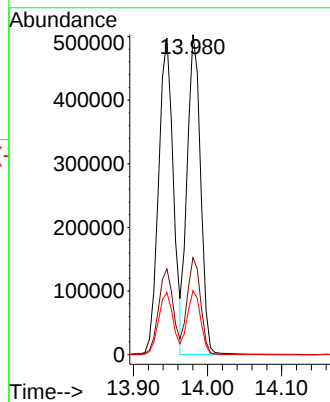
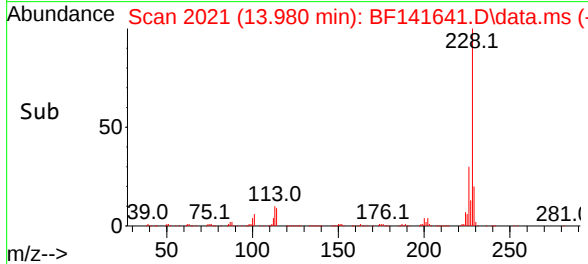
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.964 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

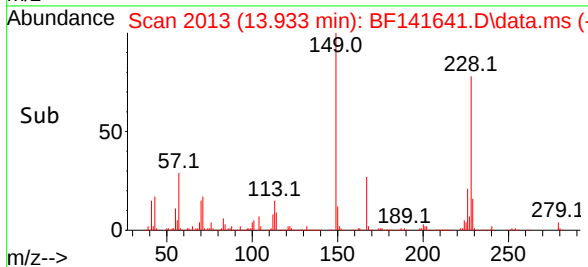
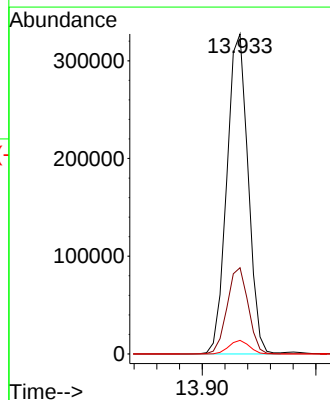
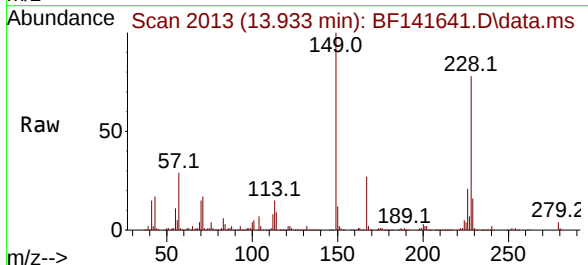
Tgt Ion:149 Resp: 425345

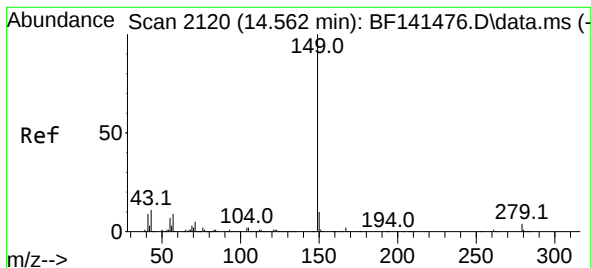
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.728 ng

RT: 14.563 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

PB166719BS

Tgt Ion:149 Resp: 604130

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

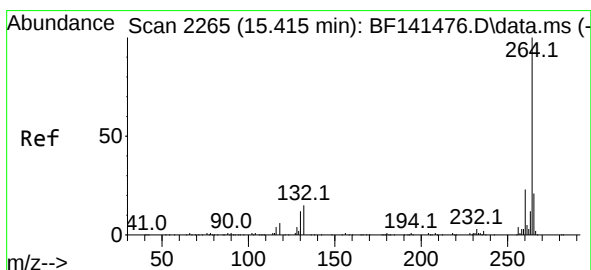
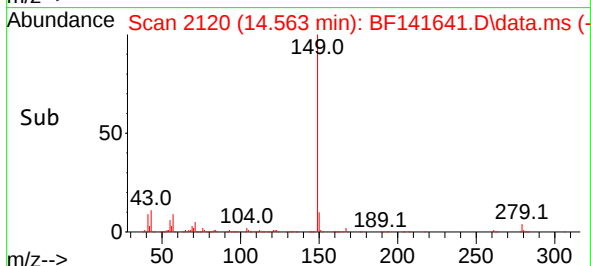
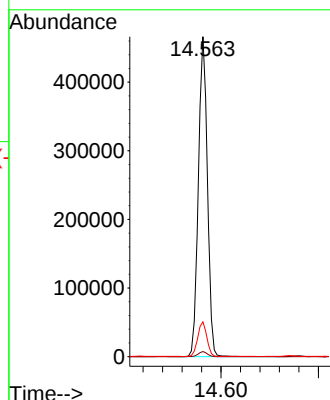
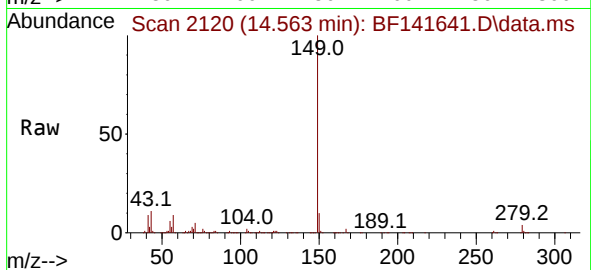
43 10.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF141641.D

Acq: 14 Feb 2025 15:56

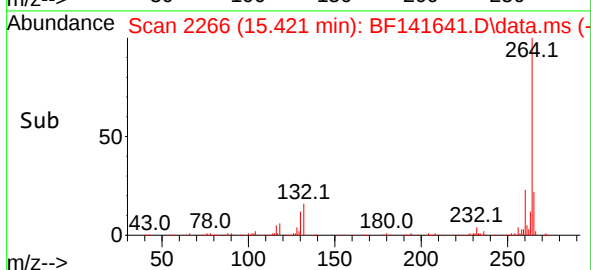
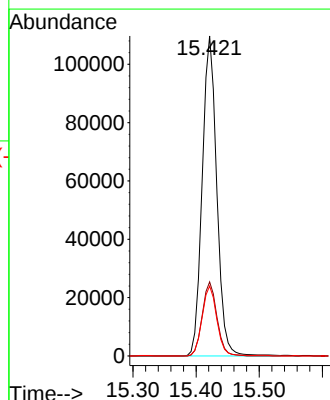
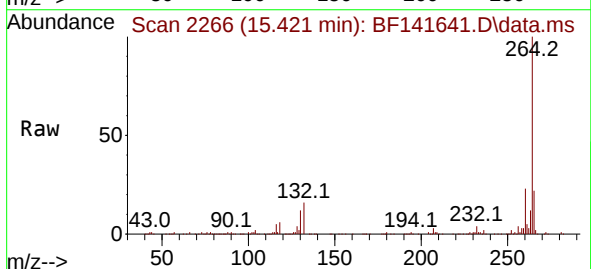
Tgt Ion:264 Resp: 175463

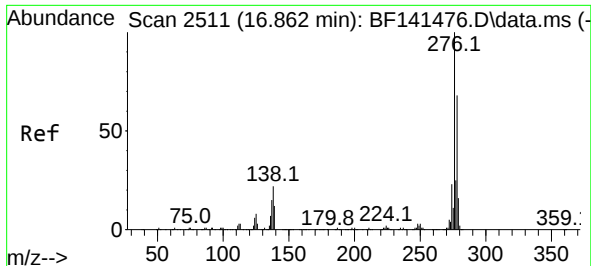
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.357 ng
RT: 16.868 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

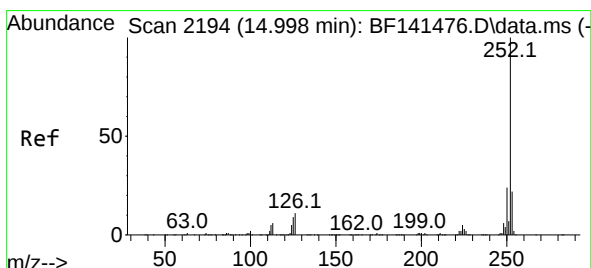
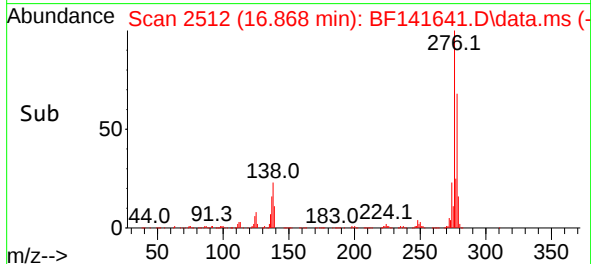
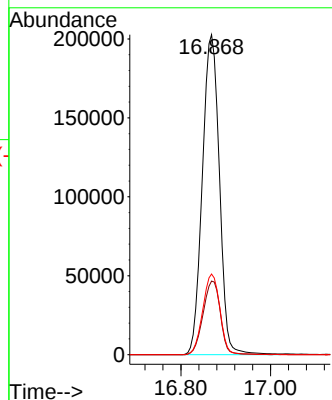
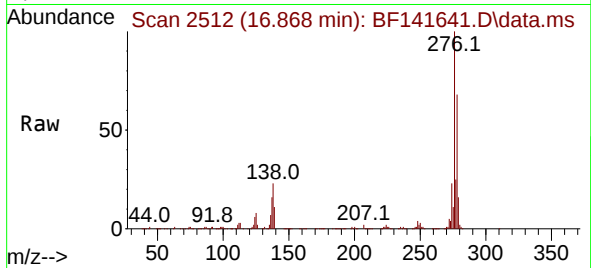
ClientSampleId :

PB166719BS

Tgt Ion:276 Resp: 535117
Ion Ratio Lower Upper
276 100
138 23.3 18.0 27.0
277 25.3 20.4 30.6

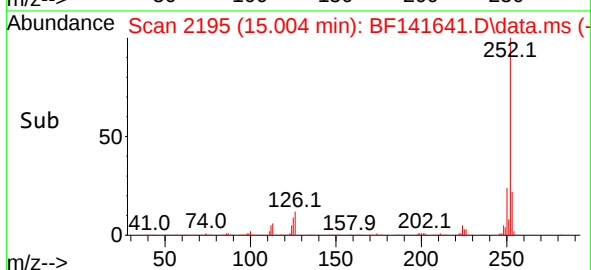
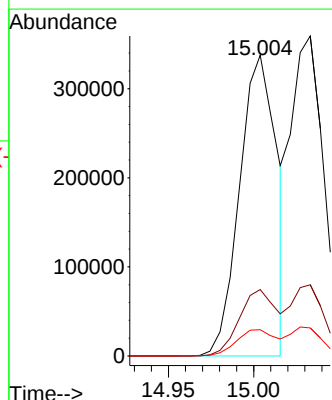
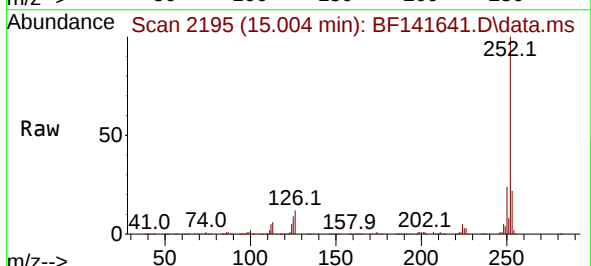
Manual Integrations
APPROVED

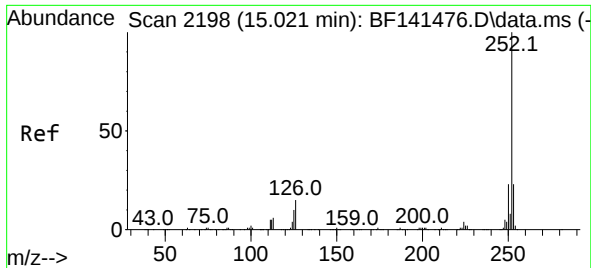
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#88
Benzo(b)fluoranthene
Concen: 43.390 ng
RT: 15.004 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

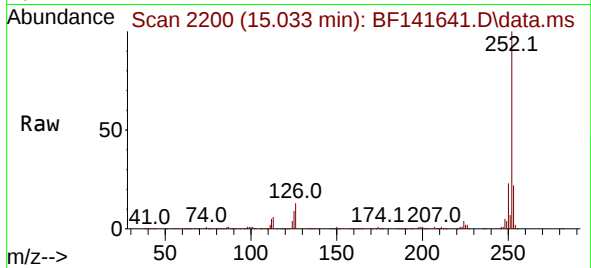
Tgt Ion:252 Resp: 511199
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.7 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 48.511 ng
RT: 15.033 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

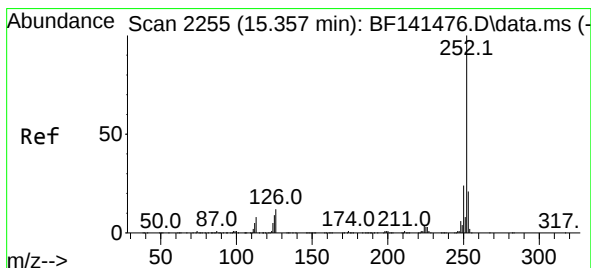
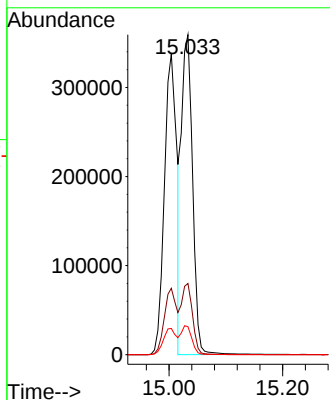
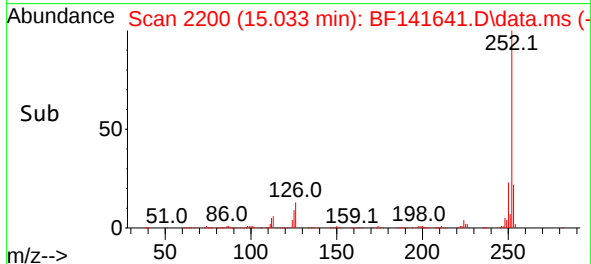
Instrument :
BNA_F
ClientSampleId :
PB166719BS



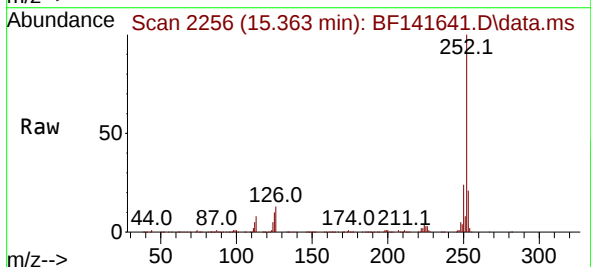
Tgt Ion:252 Resp: 488038
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 8.8 7.4 11.0

Manual Integrations
APPROVED

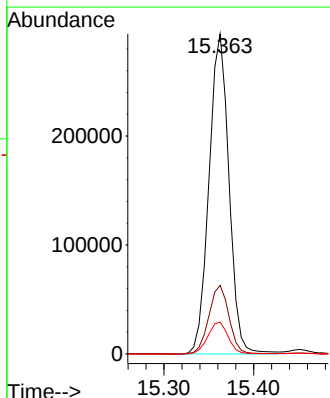
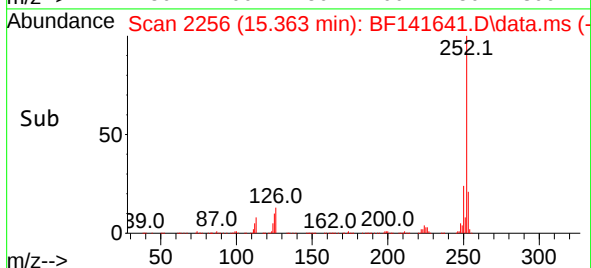
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

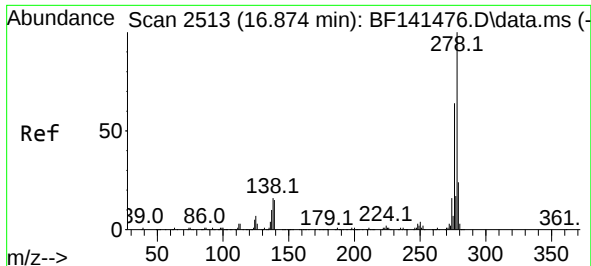


#90
Benzo(a)pyrene
Concen: 47.644 ng
RT: 15.363 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56



Tgt Ion:252 Resp: 454197
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.9 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.091 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Instrument :

BNA_F

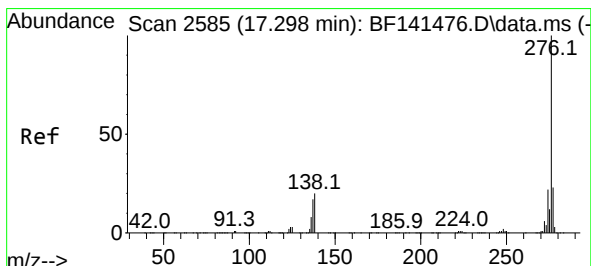
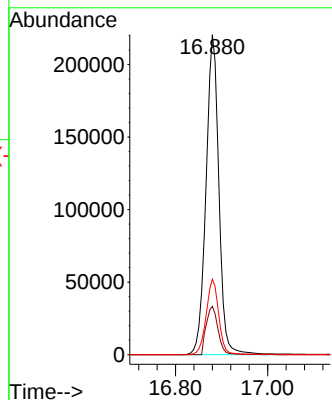
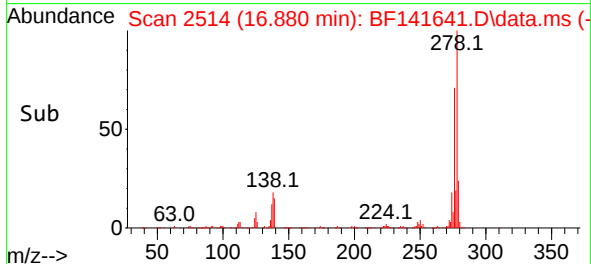
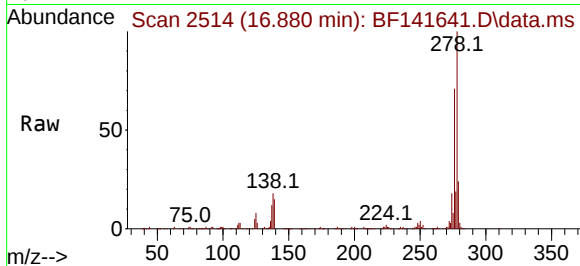
ClientSampleId :

PB166719BS

Tgt Ion:278 Resp: 43126
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 23.6 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#92
Benzo(g,h,i)perylene
Concen: 46.530 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.017 min
Lab File: BF141641.D
Acq: 14 Feb 2025 15:56

Tgt Ion:276 Resp: 427754
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 20.2 15.9 23.9

