

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141630.D
 Acq On : 14 Feb 2025 10:55
 Operator : RC/JU
 Sample : PB166711BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166711BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 11:26:51 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	90964	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	371902	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	212243	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	368683	20.000	ng	0.00
76) Chrysene-d12	13.963	240	270184	20.000	ng	0.00
86) Perylene-d12	15.433	264	194810	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	784834	135.264	ng	0.01
7) Phenol-d6	6.434	99	981348	133.817	ng	0.00
23) Nitrobenzene-d5	7.351	82	652882	91.565	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	293116	137.479	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1253581	90.996	ng	0.00
79) Terphenyl-d14	12.898	244	1523434	95.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	94831	40.608	ng	98
3) Pyridine	3.322	79	210182	37.823	ng	95
4) n-Nitrosodimethylamine	3.269	42	144743	39.337	ng	92
6) Aniline	6.451	93	243539	35.402	ng	# 71
8) 2-Chlorophenol	6.575	128	279313	44.551	ng	99
9) Benzaldehyde	6.340	77	137197	35.205	ng	97
10) Phenol	6.445	94	323723	42.412	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	268517	46.837	ng	100
12) 1,3-Dichlorobenzene	6.728	146	286308	43.256	ng	98
13) 1,4-Dichlorobenzene	6.804	146	291707	43.135	ng	99
14) 1,2-Dichlorobenzene	6.957	146	276739	44.091	ng	99
15) Benzyl Alcohol	6.934	79	237860	42.296	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	413377	42.122	ng	75
17) 2-Methylphenol	7.051	107	213128	43.440	ng	96
18) Hexachloroethane	7.298	117	109475	43.742	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	190828	43.502	ng	97
20) 3+4-Methylphenols	7.204	107	277335	44.479	ng	95
22) Acetophenone	7.198	105	421831	45.597	ng	95
24) Nitrobenzene	7.375	77	287726	41.382	ng	97
25) Isophorone	7.610	82	513476	45.165	ng	99
26) 2-Nitrophenol	7.686	139	147327	42.590	ng	95
27) 2,4-Dimethylphenol	7.728	122	222598	55.084	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	323428	44.396	ng	99
29) 2,4-Dichlorophenol	7.939	162	235576	43.145	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	246032	41.379	ng	99
31) Naphthalene	8.092	128	803179	41.489	ng	100
32) Benzoic acid	7.869	122	177189	42.213	ng	96
33) 4-Chloroaniline	8.151	127	98890	14.631	ng	98
34) Hexachlorobutadiene	8.204	225	154911	43.398	ng	99
35) Caprolactam	8.516	113	82306m	49.509	ng	
36) 4-Chloro-3-methylphenol	8.639	107	257123	42.512	ng	100
37) 2-Methylnaphthalene	8.781	142	513246	40.742	ng	99
38) 1-Methylnaphthalene	8.881	142	498933	40.893	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	278963	45.430	ng	98
41) Hexachlorocyclopentadiene	8.933	237	291755	142.852	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	168826	42.540	ng	100

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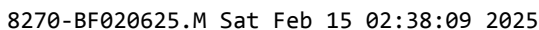
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	179056	41.630	ng	98
46) 1,1'-Biphenyl	9.245	154	745855	45.328	ng	99
47) 2-Chloronaphthalene	9.269	162	508835	41.818	ng	99
48) 2-Nitroaniline	9.375	65	166155	40.689	ng	95
49) Acenaphthylene	9.686	152	784782	43.362	ng	100
50) Dimethylphthalate	9.551	163	621981	43.167	ng	100
51) 2,6-Dinitrotoluene	9.616	165	134931	42.838	ng	96
52) Acenaphthene	9.857	154	495714	40.742	ng	99
53) 3-Nitroaniline	9.786	138	91850	27.093	ng	95
54) 2,4-Dinitrophenol	9.898	184	164078	87.647	ng	94
55) Dibenzofuran	10.033	168	713832	39.970	ng	99
56) 4-Nitrophenol	9.963	139	210075	83.475	ng	97
57) 2,4-Dinitrotoluene	10.022	165	186028	44.364	ng	98
58) Fluorene	10.375	166	577543	41.824	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	157267	42.470	ng	95
60) Diethylphthalate	10.251	149	604022	42.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	280535	42.229	ng	100
62) 4-Nitroaniline	10.404	138	142107	41.281	ng	97
63) Azobenzene	10.528	77	575345	40.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	108077	42.200	ng	93
66) n-Nitrosodiphenylamine	10.486	169	511215	43.316	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	178050	43.211	ng	99
68) Hexachlorobenzene	10.922	284	185558	43.733	ng	99
69) Atrazine	11.016	200	196997	55.640	ng	99
70) Pentachlorophenol	11.122	266	212252	78.233	ng	98
71) Phenanthrene	11.333	178	880466	43.385	ng	100
72) Anthracene	11.386	178	904106	44.317	ng	100
73) Carbazole	11.545	167	783953	42.707	ng	100
74) Di-n-butylphthalate	11.869	149	954420	45.029	ng	100
75) Fluoranthene	12.521	202	928025	43.132	ng	100
77) Benzidine	12.651	184	271228	45.518	ng	99
78) Pyrene	12.751	202	941150	40.920	ng	100
80) Butylbenzylphthalate	13.368	149	371547	46.639	ng	99
81) Benzo(a)anthracene	13.951	228	772840	43.031	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	162575	31.600	ng	97
83) Chrysene	13.986	228	712862	42.987	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	469530	52.257	ng	99
85) Di-n-octyl phthalate	14.574	149	679262	52.993	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	528877	43.937	ng	99
88) Benzo(b)fluoranthene	15.015	252	622615	47.599	ng	99
89) Benzo(k)fluoranthene	15.045	252	482488	43.196	ng	99
90) Benzo(a)pyrene	15.374	252	493463	46.622	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	423612	43.432	ng	99
92) Benzo(g,h,i)perylene	17.321	276	421022	41.250	ng	99

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

Manual Integrations

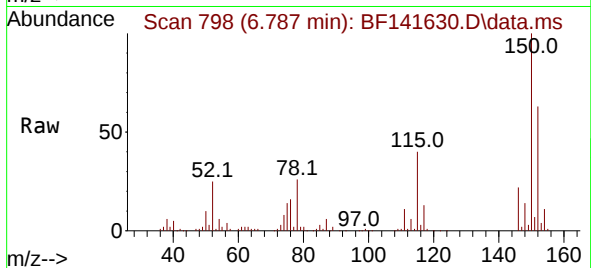
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

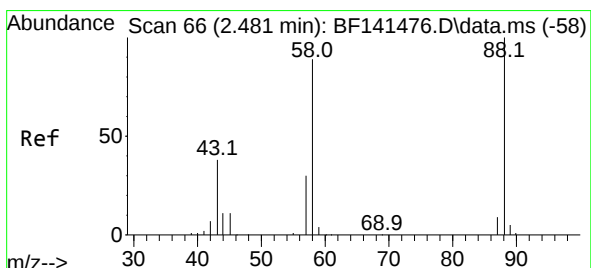
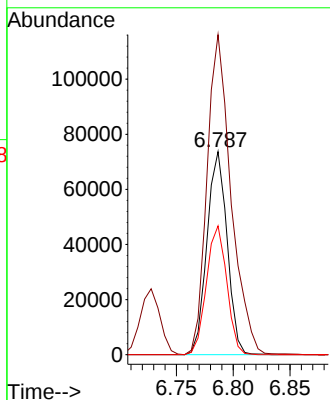
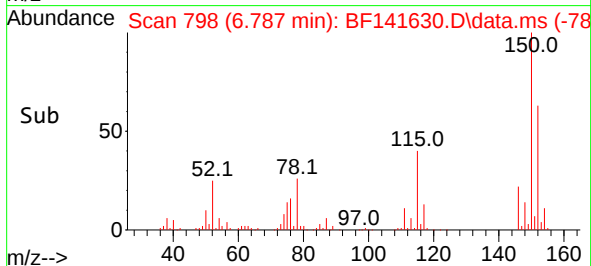
Instrument :
BNA_F
ClientSampleId :
PB166711BS



Tgt Ion:152 Resp: 90964
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 63.4 53.6 80.4

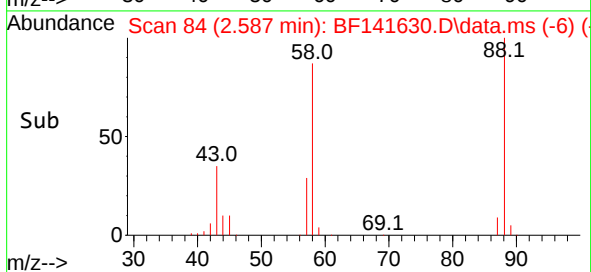
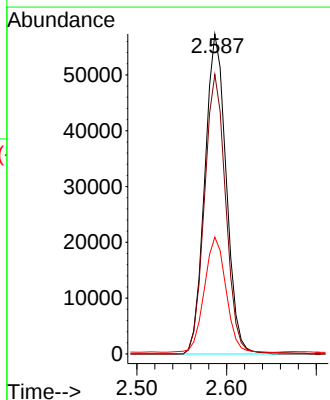
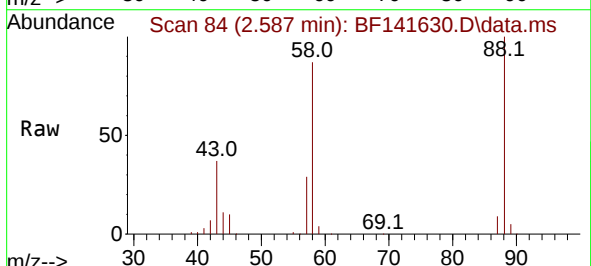
Manual Integrations
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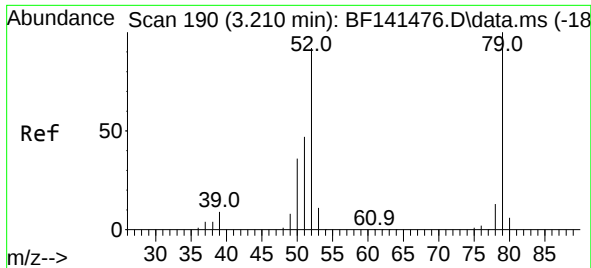
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#2
1,4-Dioxane
Concen: 40.608 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.106 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion: 88 Resp: 94831
Ion Ratio Lower Upper
88 100
58 87.3 71.1 106.7
43 36.3 30.6 46.0





#3
 Pyridine
 Concen: 37.823 ng
 RT: 3.322 min Scan# 209
 Delta R.T. 0.106 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

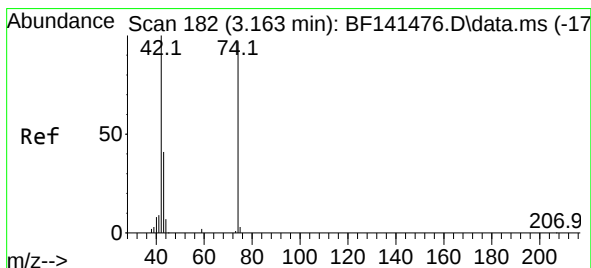
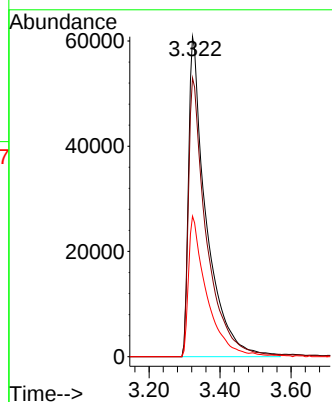
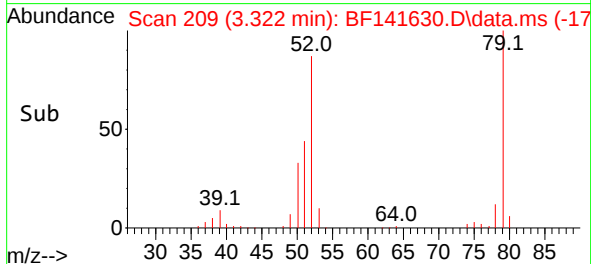
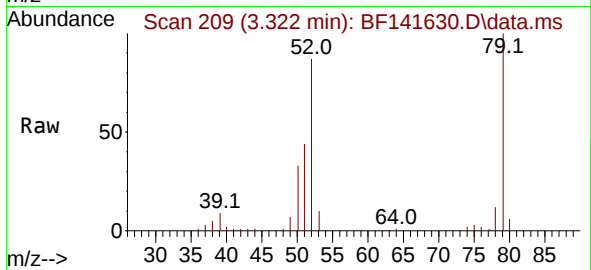
ClientSampleId :

PB166711BS

Tgt Ion: 79 Resp: 21018
 Ion Ratio Lower Upper
 79 100
 52 87.1 73.7 110.5
 51 43.9 37.5 56.3

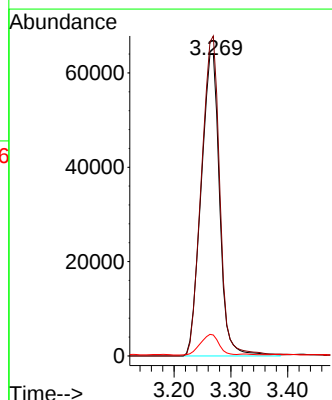
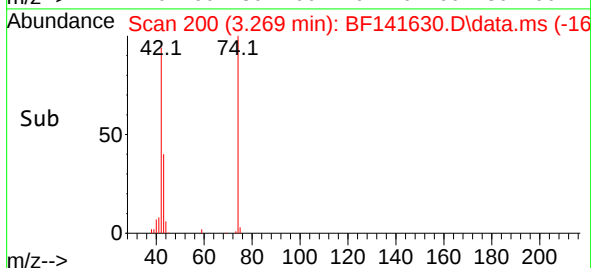
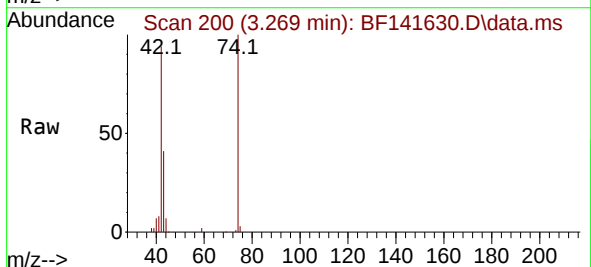
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 Supervised By :Jagrut Upadhyay 02/19/2025



#4
 n-Nitrosodimethylamine
 Concen: 39.337 ng
 RT: 3.269 min Scan# 200
 Delta R.T. 0.082 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

Tgt Ion: 42 Resp: 144743
 Ion Ratio Lower Upper
 42 100
 74 105.8 78.0 117.0
 44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 135.264 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

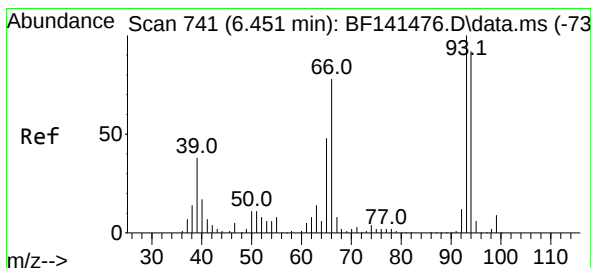
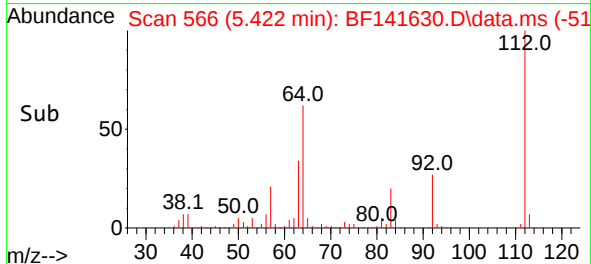
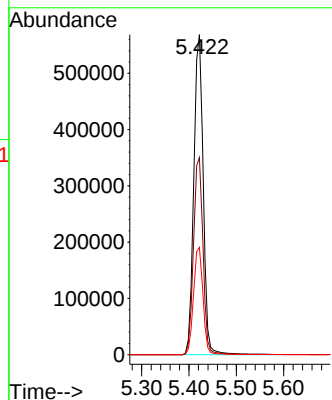
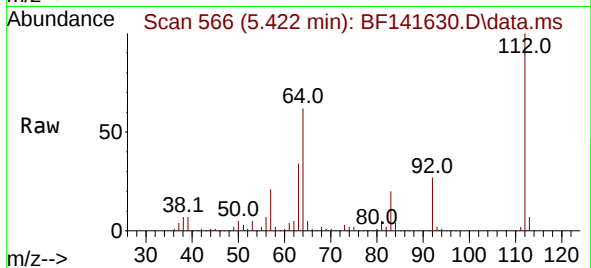
ClientSampleId :

PB166711BS

Tgt Ion:112 Resp: 784834
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.5 28.4 42.6

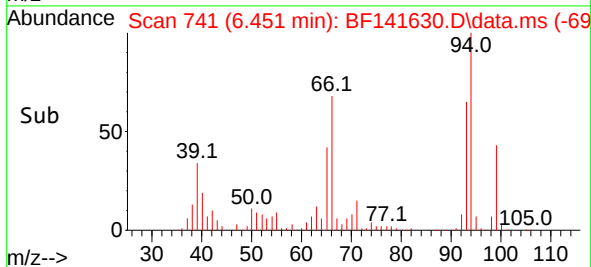
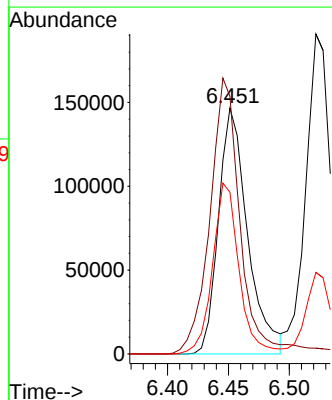
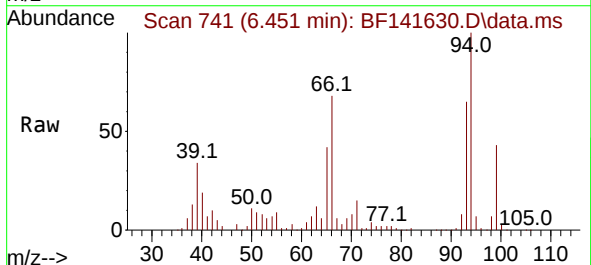
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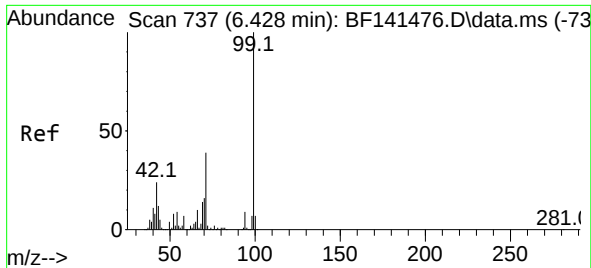
Reviewed By :Yogesh Patel 02/15/2025
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#6
Aniline
Concen: 35.402 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

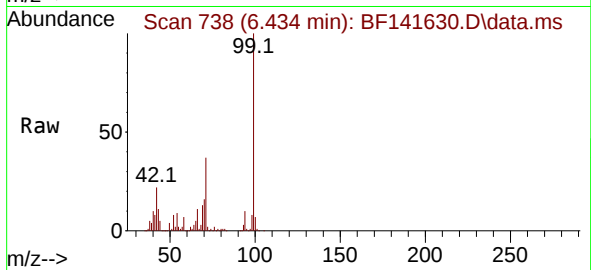
Tgt Ion: 93 Resp: 243539
Ion Ratio Lower Upper
93 100
66 104.7 62.6 94.0#
65 65.7 38.3 57.5#





#7
Phenol-d6
Concen: 133.817 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

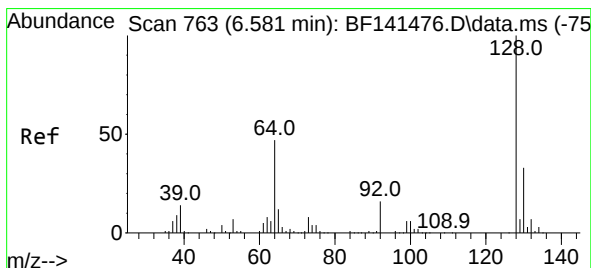
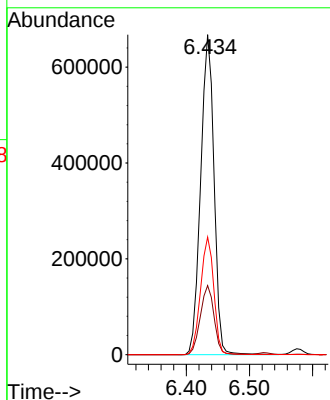
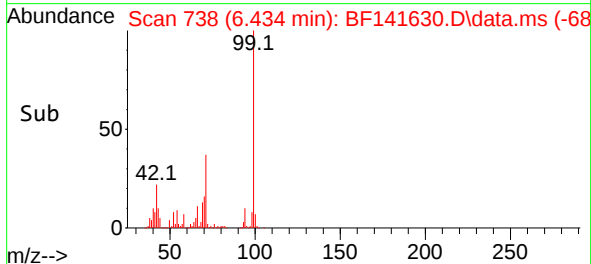
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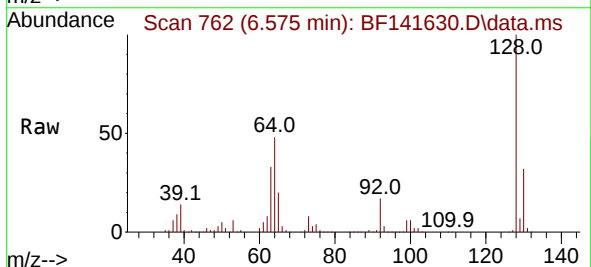
Tgt Ion: 99 Resp: 981348
Ion Ratio Lower Upper
99 100
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71 36.8 31.1 46.7

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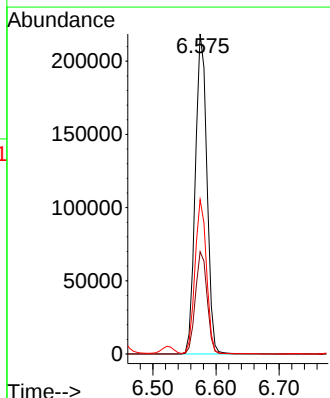
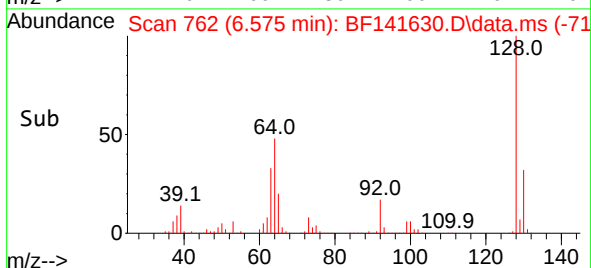
Reviewed By :Yogesh Patel 02/15/2025
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#8
2-Chlorophenol
Concen: 44.551 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



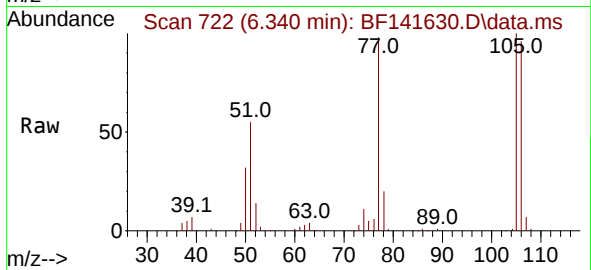
Tgt Ion:128 Resp: 279313
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 48.3 28.3 68.3





#9
Benzaldehyde
Concen: 35.205 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

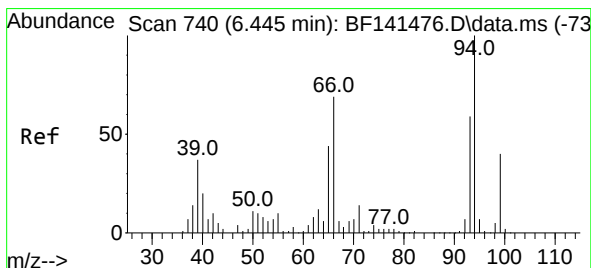
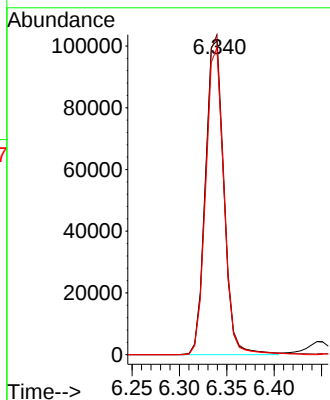
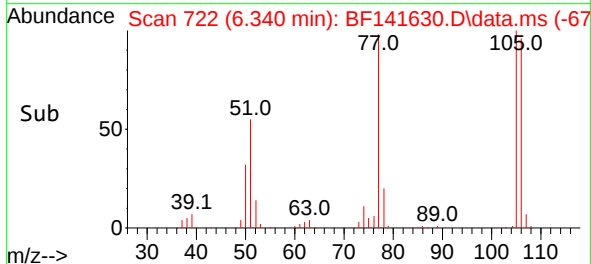
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Tgt Ion: 77 Resp: 13719
Ion Ratio Lower Upper
77 100
105 101.9 79.4 119.4
106 97.8 75.1 115.1

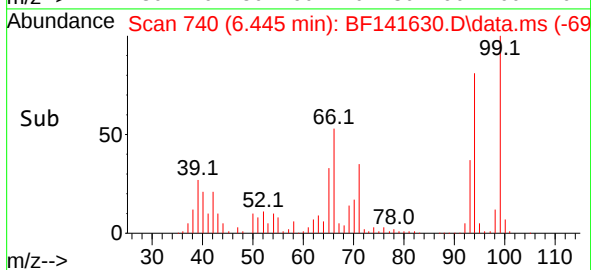
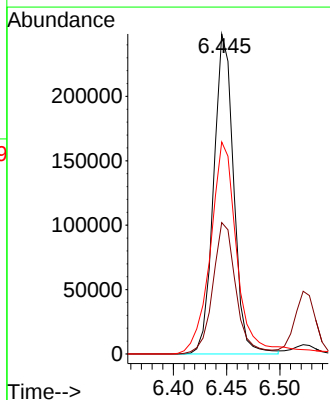
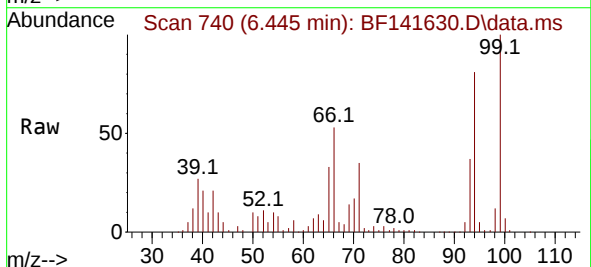
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#10
Phenol
Concen: 42.412 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion: 94 Resp: 323723
Ion Ratio Lower Upper
94 100
65 41.0 23.7 63.7
66 66.2 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 46.837 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

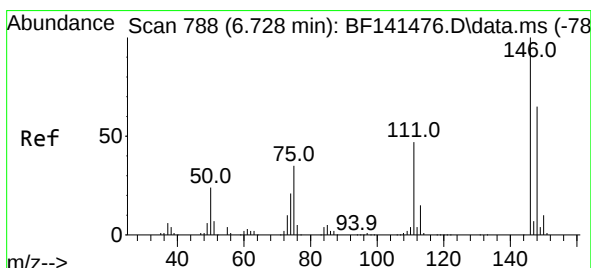
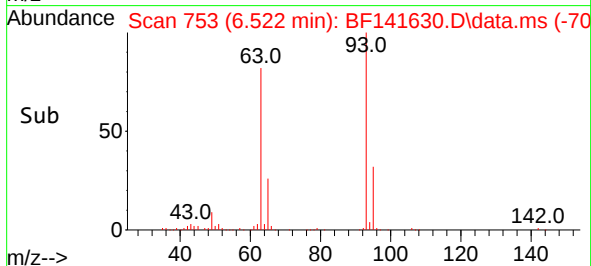
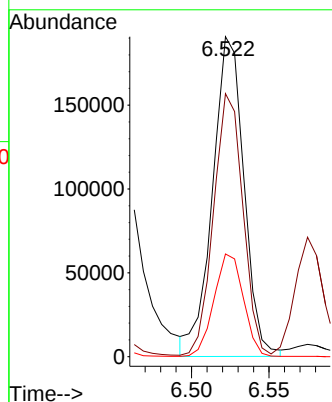
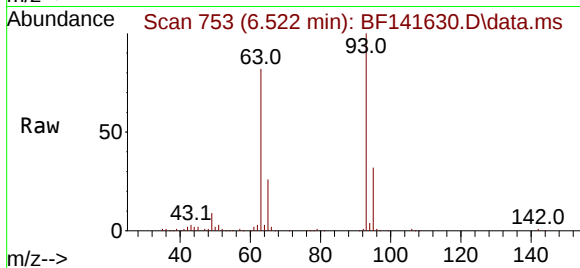
ClientSampleId :

PB166711BS

Tgt Ion: 93 Resp: 26851
Ion Ratio Lower Upper
93 100
63 82.2 62.0 102.0
95 32.1 12.6 52.6

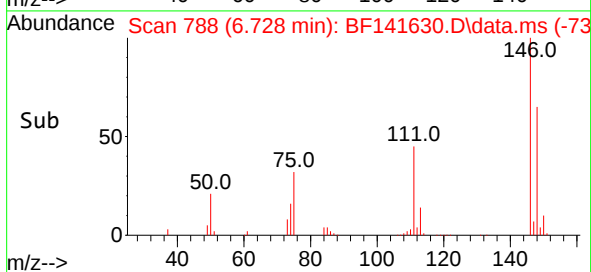
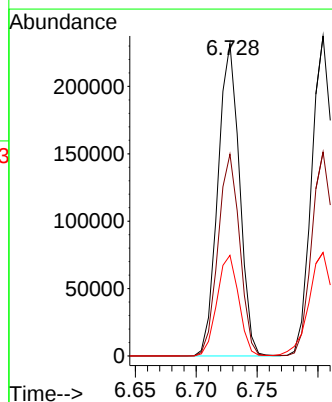
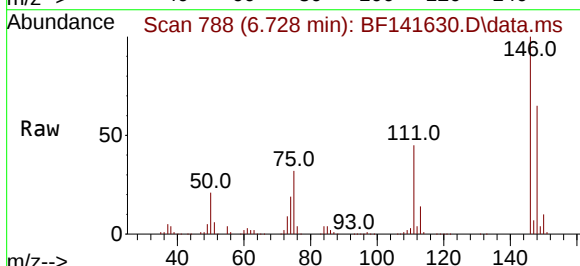
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 43.256 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:146 Resp: 286308
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 32.2 28.2 42.2





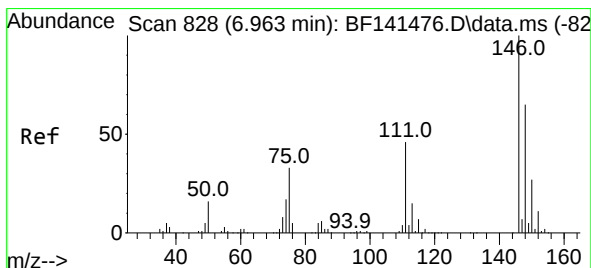
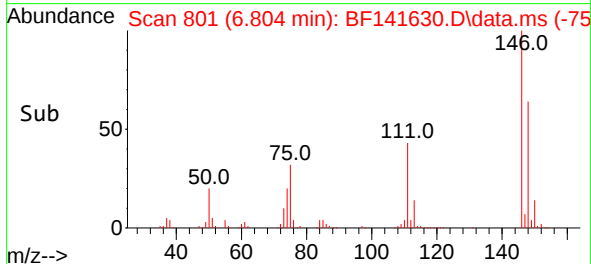
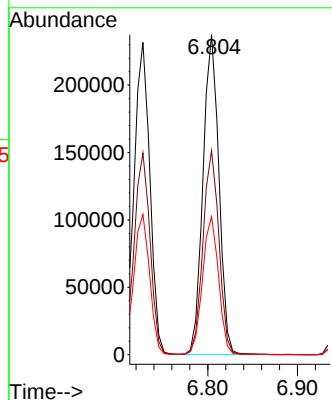
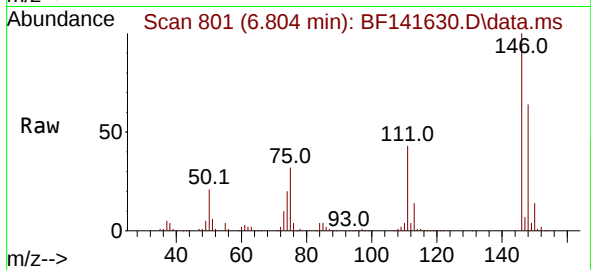
#13
1,4-Dichlorobenzene
Concen: 43.135 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166711BS

Tgt Ion:146 Resp: 29170
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.1 35.9 53.9

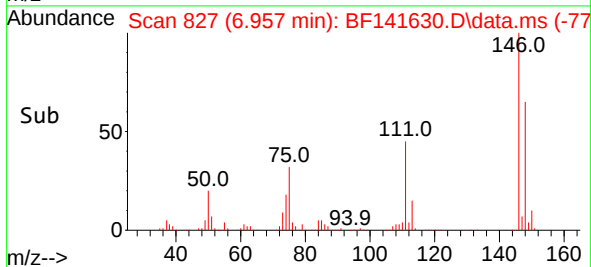
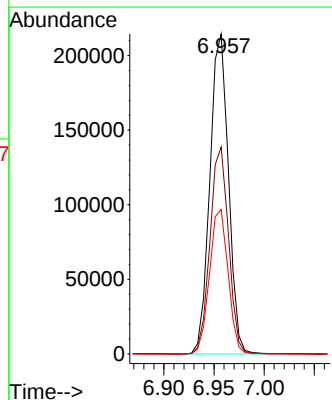
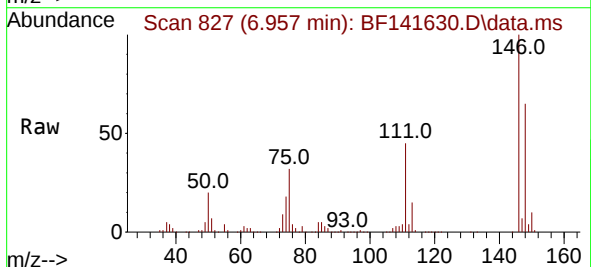
Manual Integrations
APPROVED

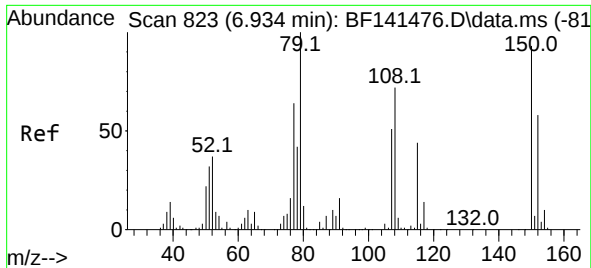
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#14
1,2-Dichlorobenzene
Concen: 44.091 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:146 Resp: 276739
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 45.1 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.296 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

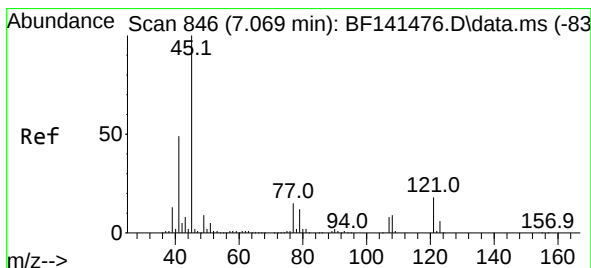
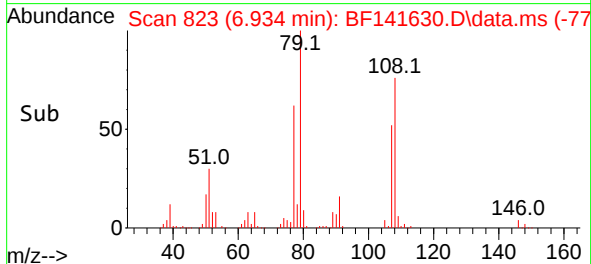
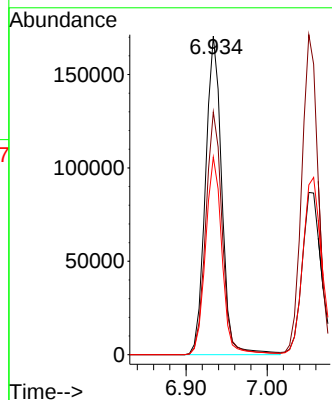
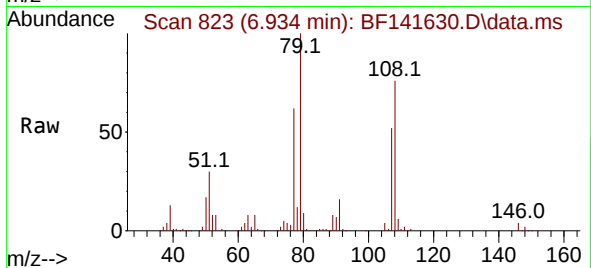
ClientSampleId :

PB166711BS

Tgt Ion: 79 Resp: 237860
Ion Ratio Lower Upper
79 100
108 76.2 57.4 86.2
77 62.0 50.9 76.3

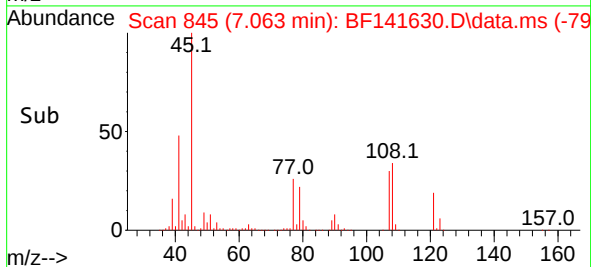
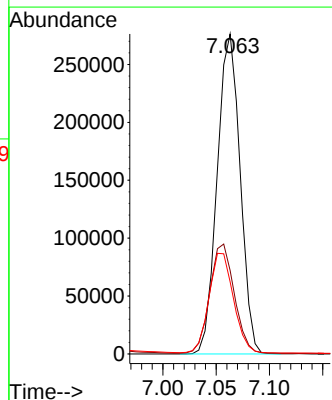
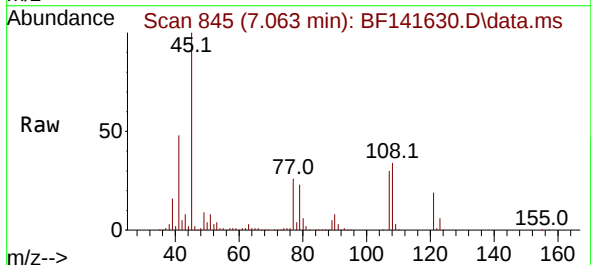
Manual Integrations
APPROVED

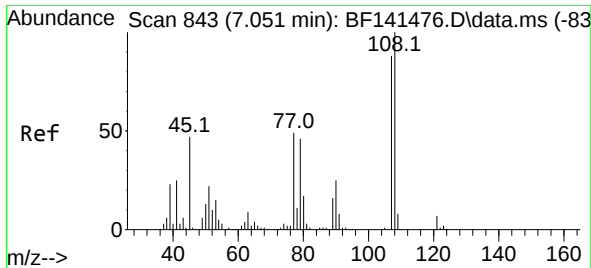
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.122 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion: 45 Resp: 413377
Ion Ratio Lower Upper
45 100
77 26.1 0.0 35.8
79 22.6 0.0 32.7





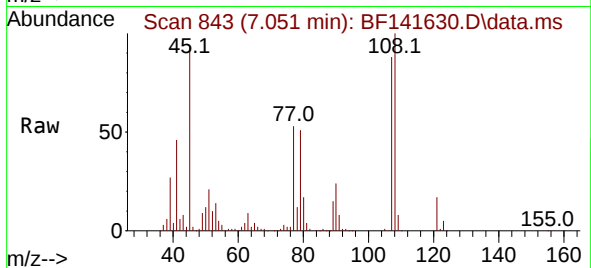
#17
2-Methylphenol
Concen: 43.440 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

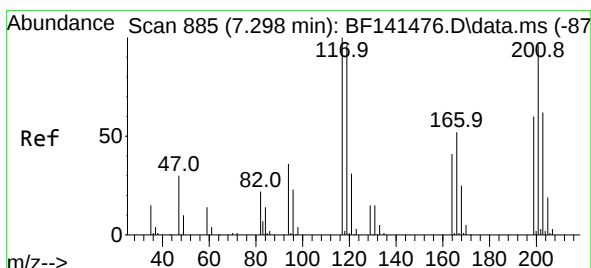
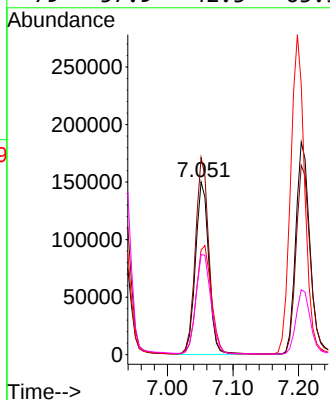
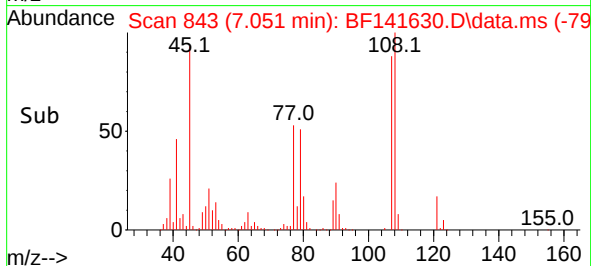


Tgt Ion:107 Resp: 213128
Ion Ratio Lower Upper
107 100
108 114.1 90.6 136.0
77 60.5 44.4 66.6
79 57.9 42.3 63.5

Manual Integrations

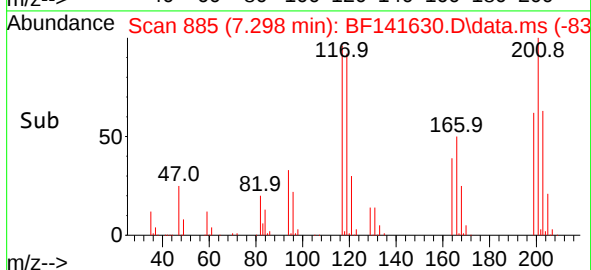
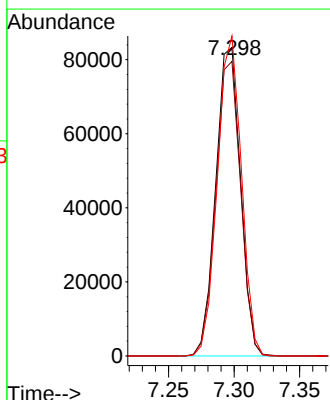
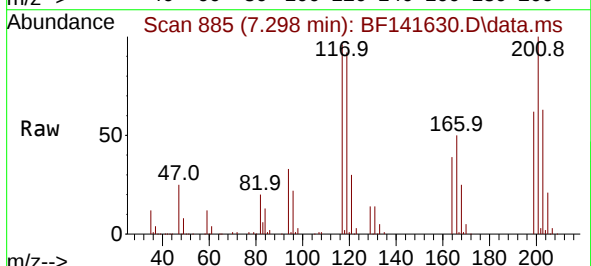
APPROVED

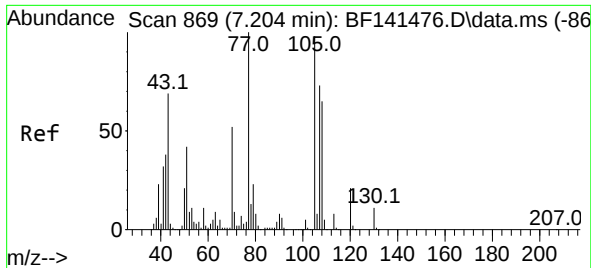
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#18
Hexachloroethane
Concen: 43.742 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:117 Resp: 109475
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 103.7 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.502 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

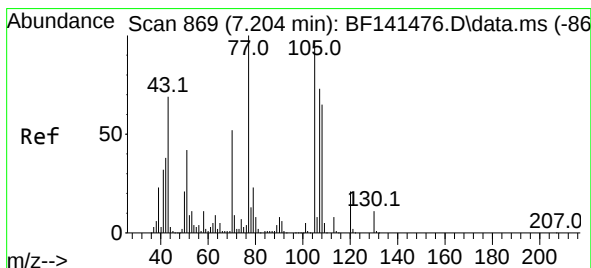
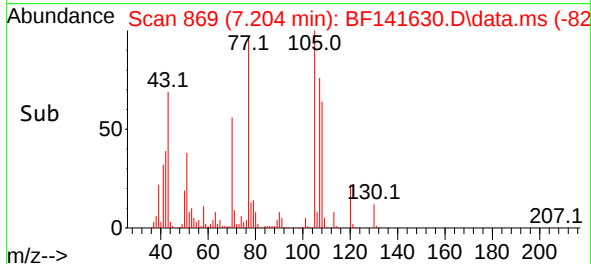
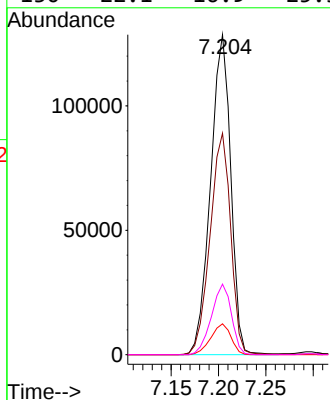
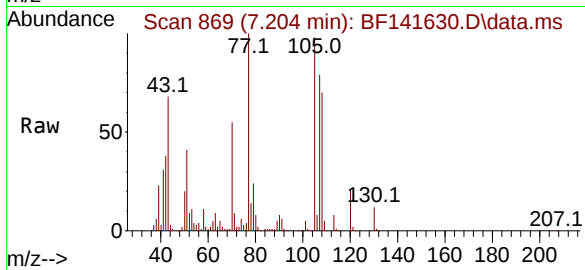
ClientSampleId :

PB166711BS

Tgt Ion: 70 Resp: 190828
Ion Ratio Lower Upper
70 100
42 69.2 57.4 86.2
101 9.6 8.0 12.0
130 22.1 16.9 25.3

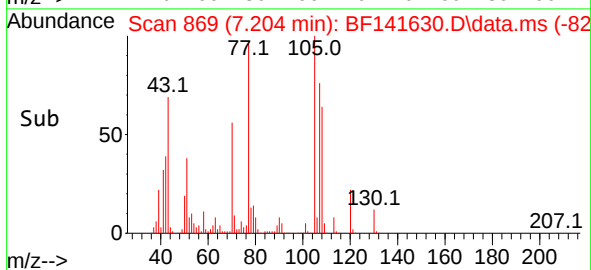
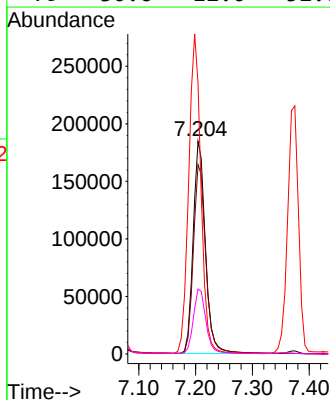
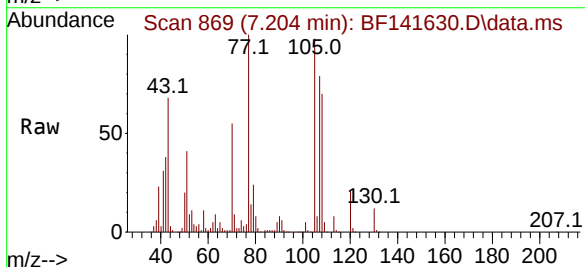
Manual Integrations
APPROVED

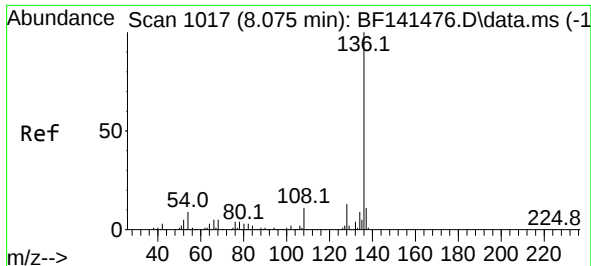
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#20
3+4-Methylphenols
Concen: 44.479 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:107 Resp: 277335
Ion Ratio Lower Upper
107 100
108 89.0 68.5 108.5
77 127.0 116.5 156.5
79 30.6 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: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

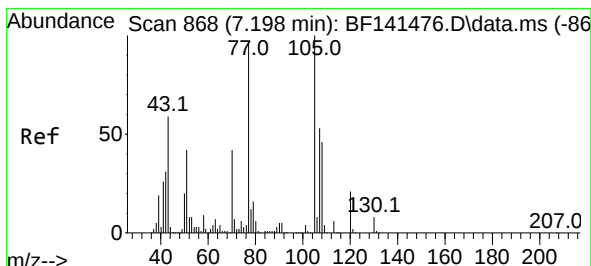
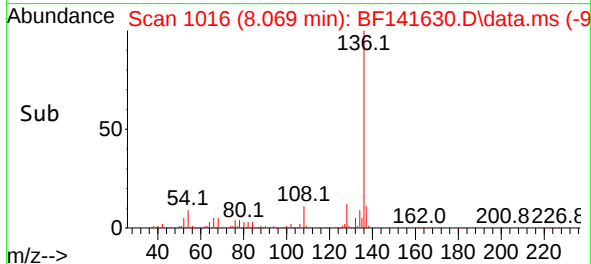
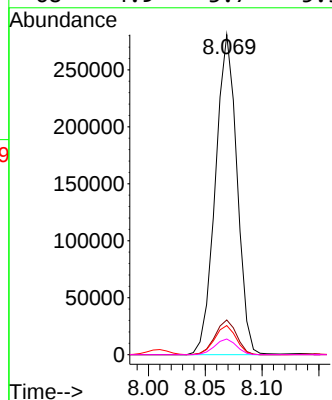
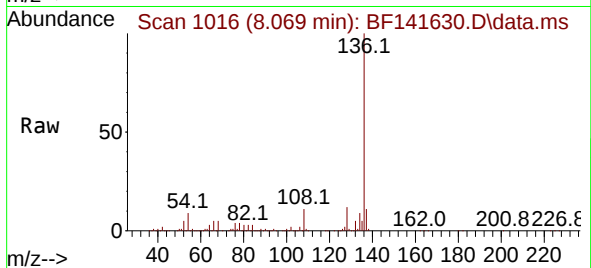
PB166711BS

Tgt Ion:136 Resp: 371902
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.2 10.8
68 4.9 3.7 5.5

Manual Integrations

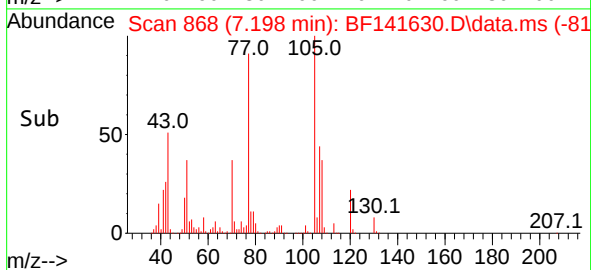
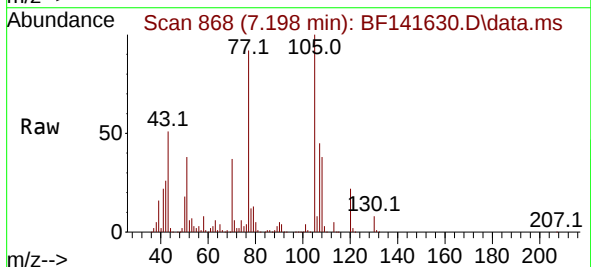
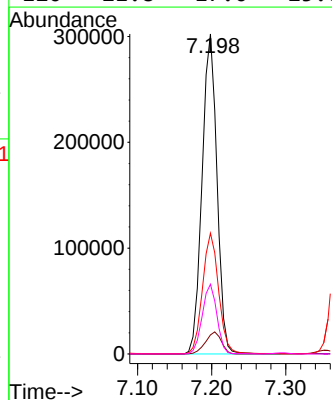
APPROVED

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



#22
Acetophenone
Concen: 45.597 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:105 Resp: 421831
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 37.7 33.7 50.5
120 21.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 91.565 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

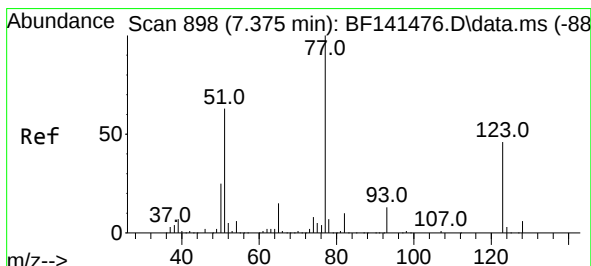
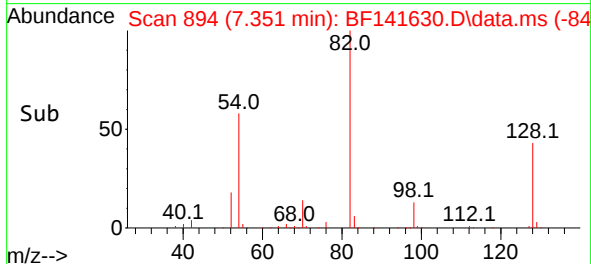
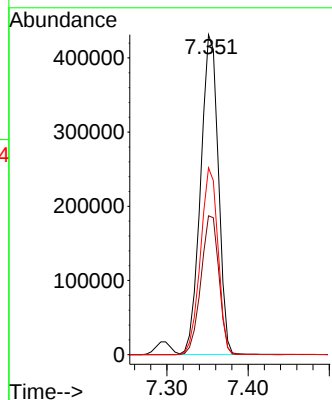
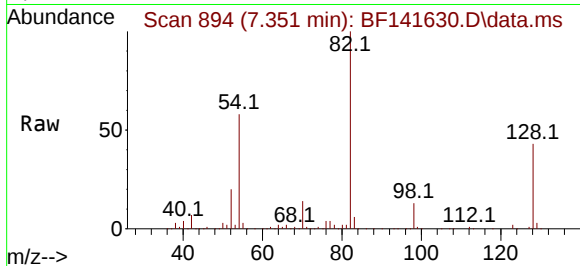
ClientSampleId :

PB166711BS

Tgt Ion: 82 Resp: 65288
Ion Ratio Lower Upper
82 100
128 43.4 34.8 52.2
54 58.4 48.2 72.4

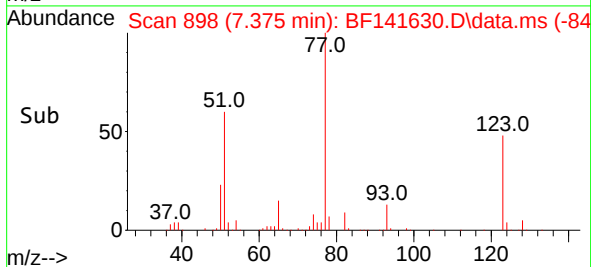
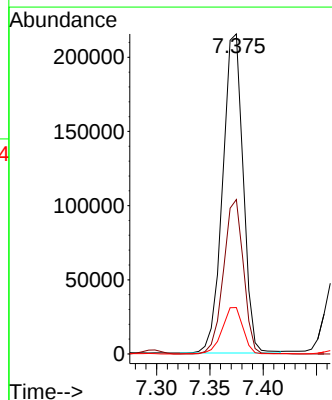
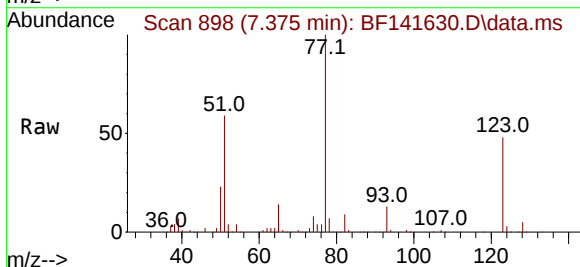
Manual Integrations
APPROVED

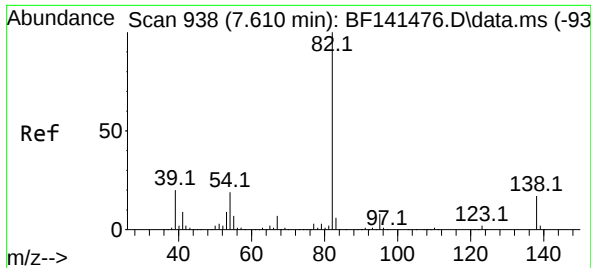
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#24
Nitrobenzene
Concen: 41.382 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

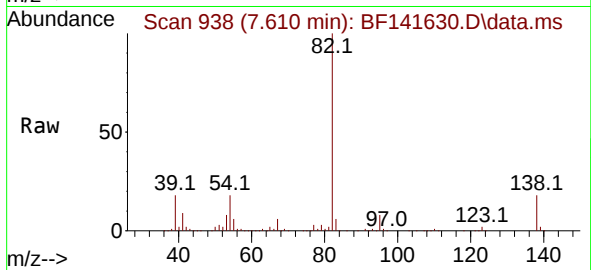
Tgt Ion: 77 Resp: 287726
Ion Ratio Lower Upper
77 100
123 48.2 36.9 55.3
65 14.5 11.9 17.9





#25
Isophorone
Concen: 45.165 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

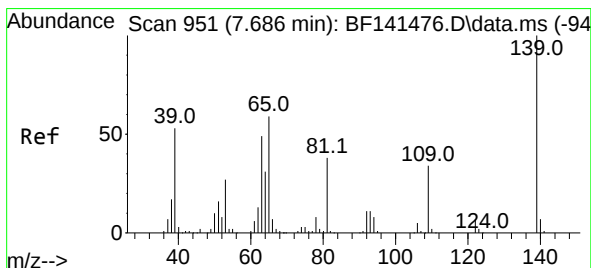
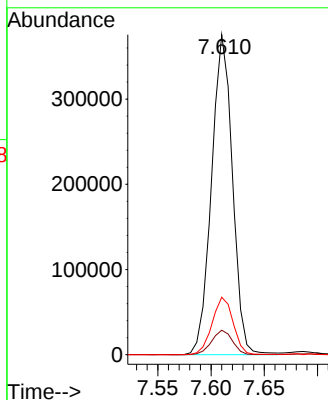
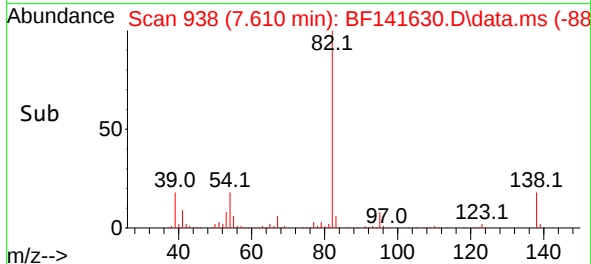
Instrument :
BNA_F
Client Sample Id :
PB166711BS



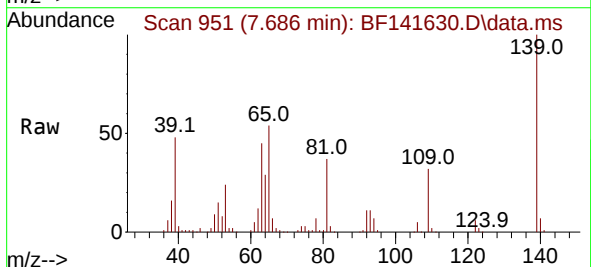
Tgt Ion: 82 Resp: 513470
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.9 13.9 20.9

Manual Integrations
APPROVED

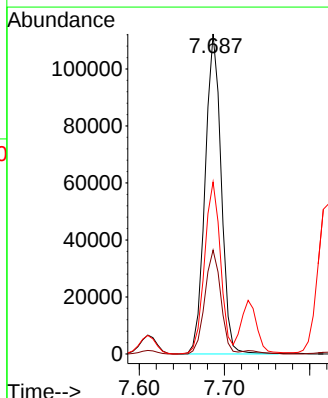
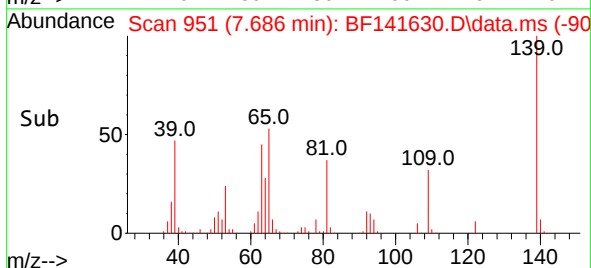
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#26
2-Nitrophenol
Concen: 42.590 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:139 Resp: 147327
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 53.8 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 55.084 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

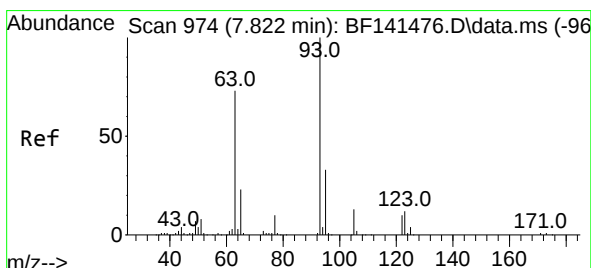
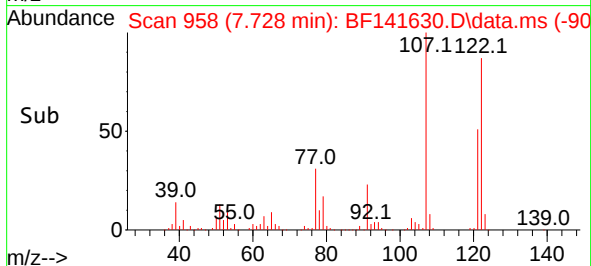
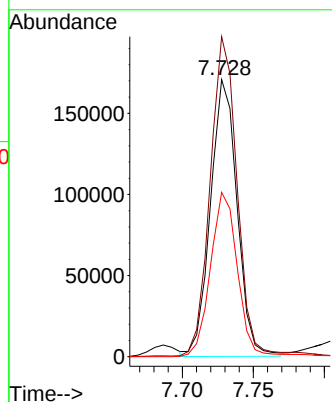
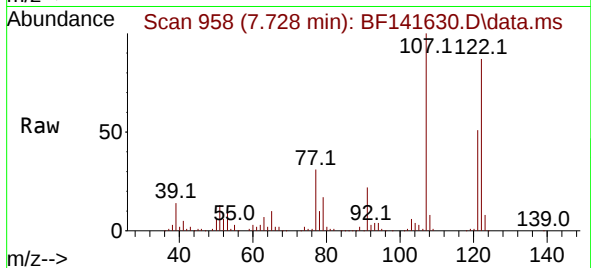
ClientSampleId :

PB166711BS

Tgt Ion:122 Resp: 222598
Ion Ratio Lower Upper
122 100
107 115.5 94.3 141.5
121 59.3 46.0 69.0

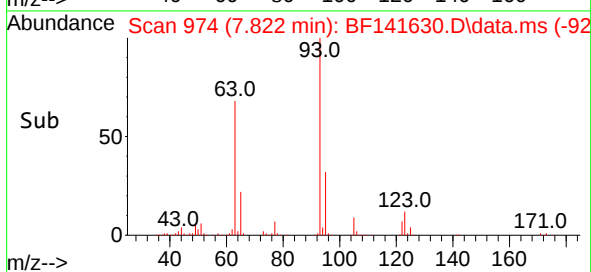
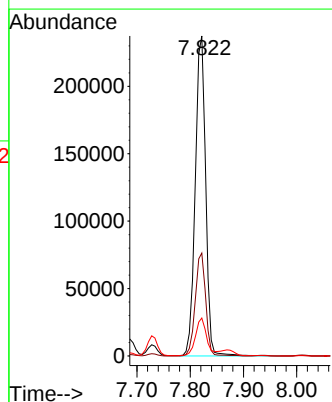
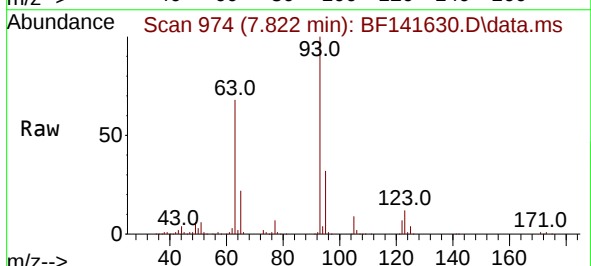
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 44.396 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion: 93 Resp: 323428
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.145 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141630.D

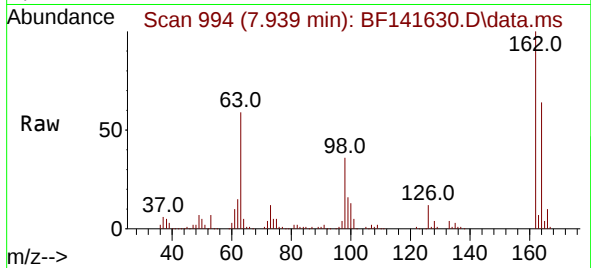
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS



Tgt Ion:162 Resp: 235570

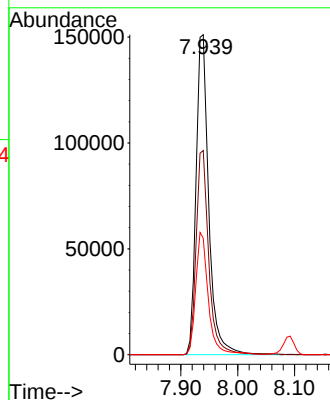
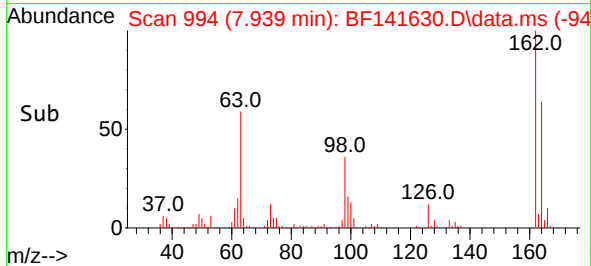
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	36.4	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.379 ng

RT: 8.010 min Scan# 1006

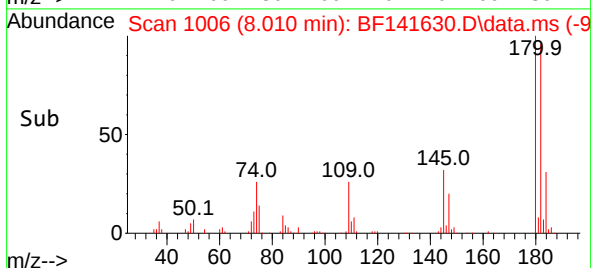
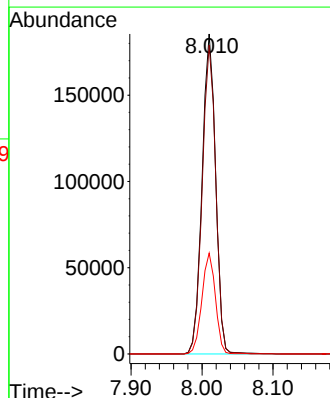
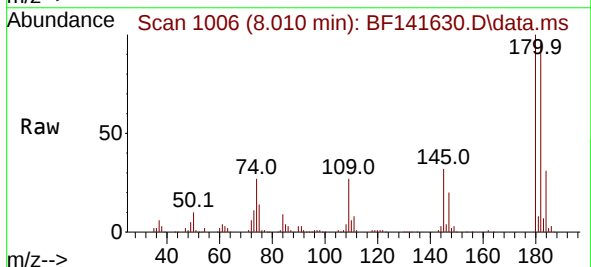
Delta R.T. -0.006 min

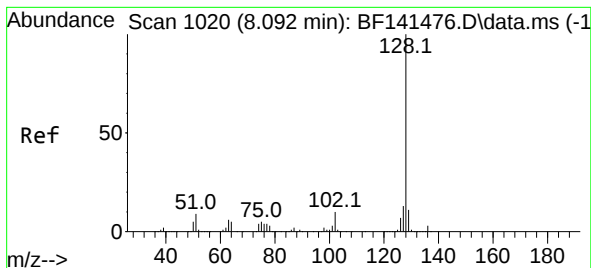
Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Tgt Ion:180 Resp: 246032

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	31.5	24.2	36.4





#31

Naphthalene

Concen: 41.489 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

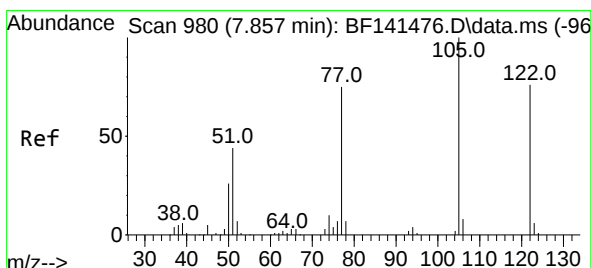
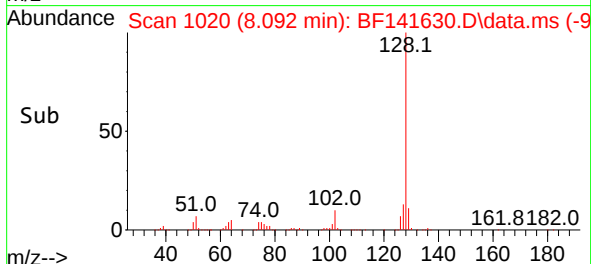
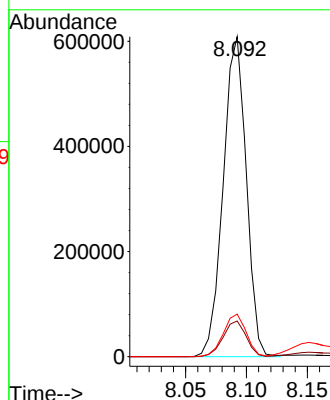
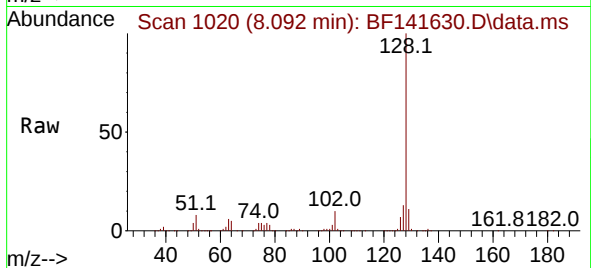
PB166711BS

Tgt Ion:128 Resp: 803179
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.9 13.3
 127 13.3 10.7 16.1

Manual Integrations

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



#32

Benzoic acid

Concen: 42.213 ng

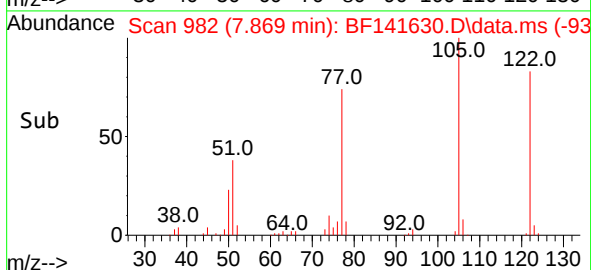
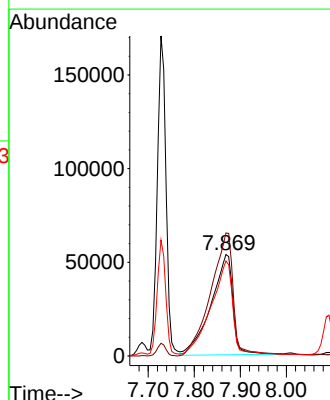
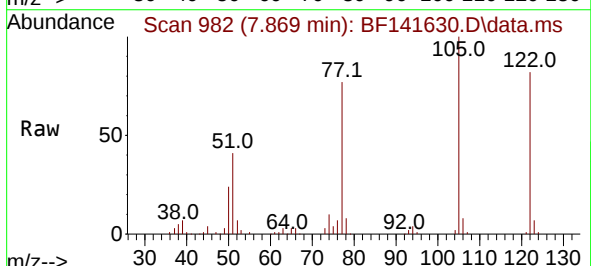
RT: 7.869 min Scan# 982

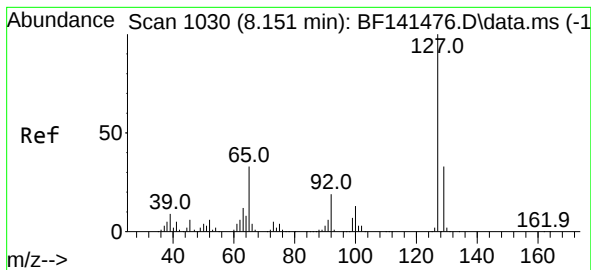
Delta R.T. -0.023 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Tgt Ion:122 Resp: 177189
 Ion Ratio Lower Upper
 122 100
 105 121.3 106.5 146.5
 77 93.7 76.3 116.3





#33
4-Chloroaniline
Concen: 14.631 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

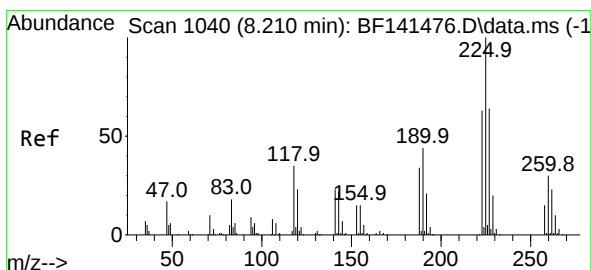
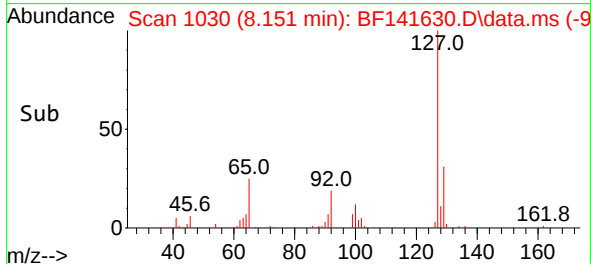
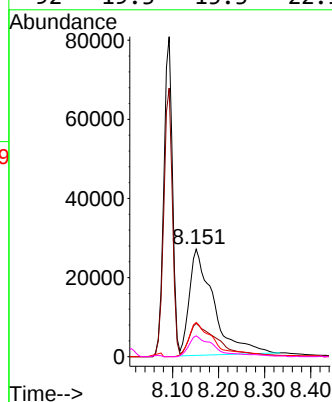
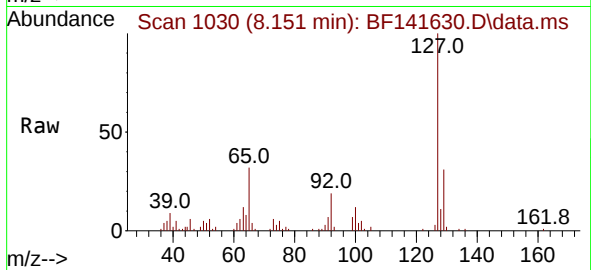
PB166711BS

Tgt Ion:127 Resp: 98890
Ion Ratio Lower Upper
127 100
129 30.9 26.5 39.7
65 31.9 26.4 39.6
92 19.3 15.3 22.9

Manual Integrations

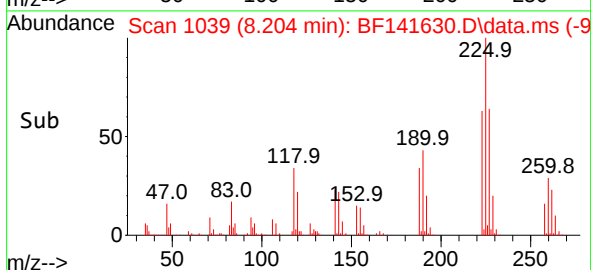
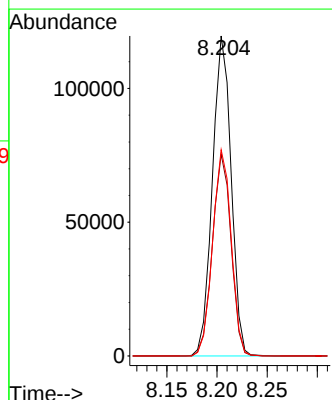
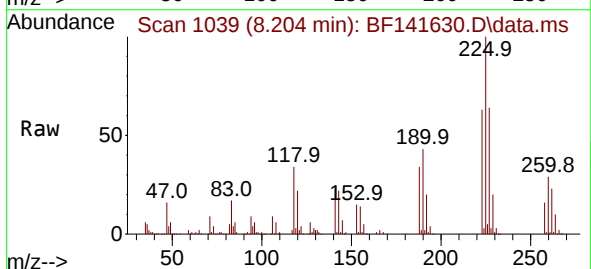
APPROVED

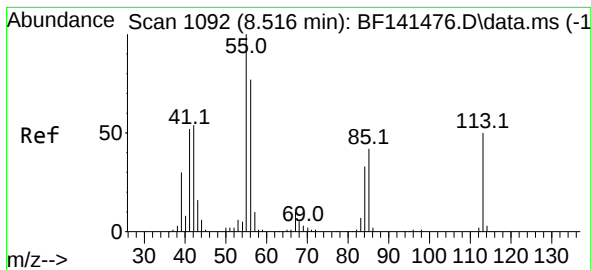
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#34
Hexachlorobutadiene
Concen: 43.398 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

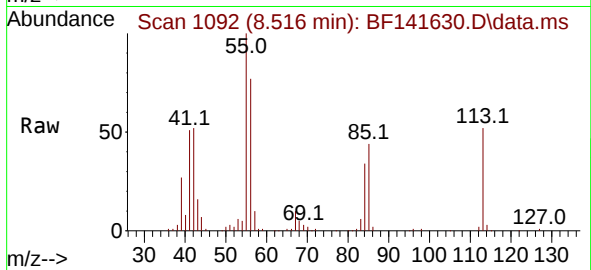
Tgt Ion:225 Resp: 154911
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 64.4 51.0 76.6





#35
 Caprolactam
 Concen: 49.509 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

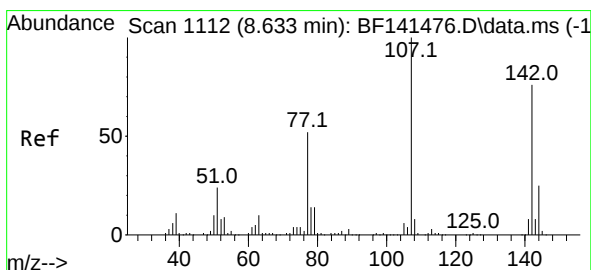
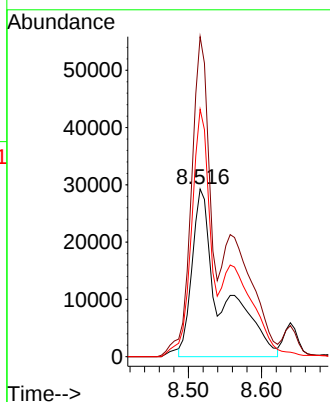
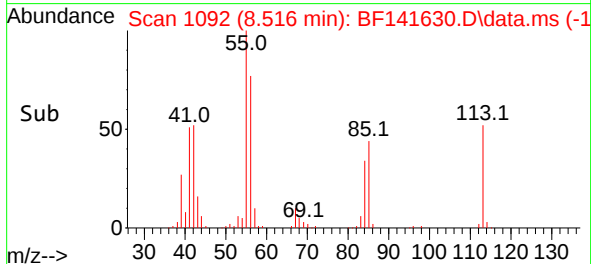
Instrument :
 BNA_F
 ClientSampleId :
 PB166711BS



Tgt Ion:113 Resp: 82300
 Ion Ratio Lower Upper
 113 100
 55 190.9 180.8 220.8
 56 147.6 133.6 173.6

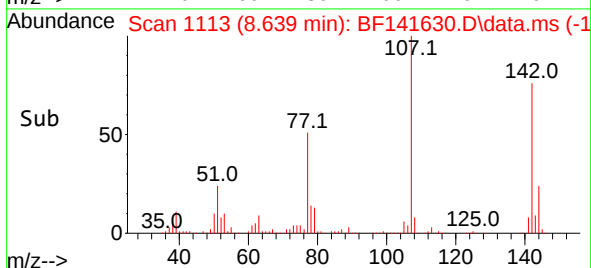
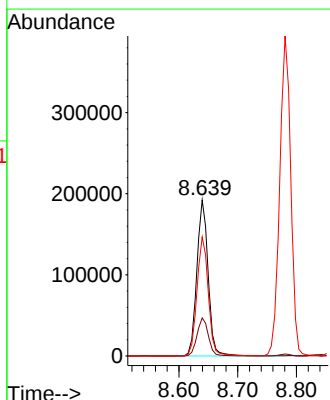
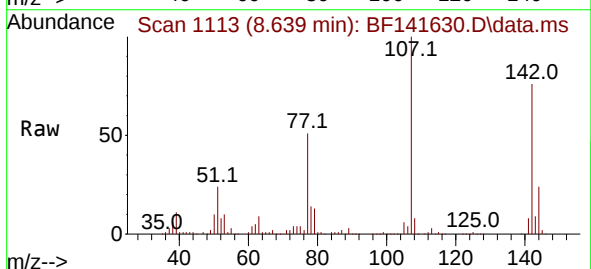
Manual Integrations
 APPROVED

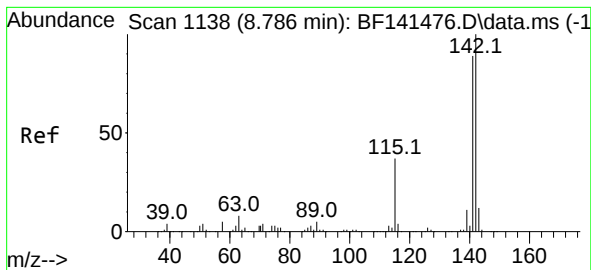
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.512 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

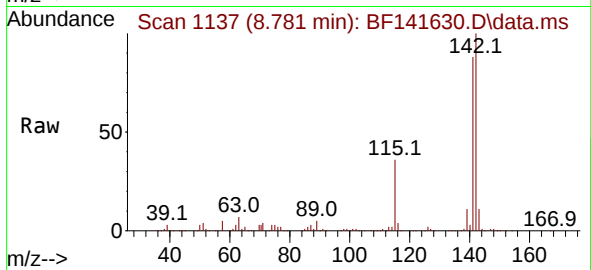
Tgt Ion:107 Resp: 257123
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 76.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.742 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

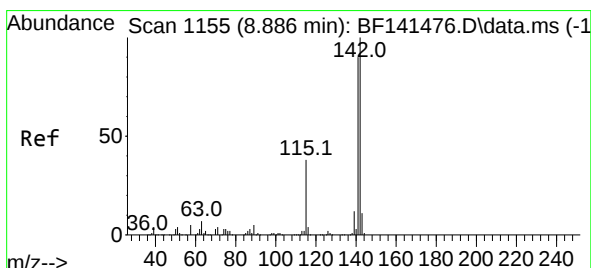
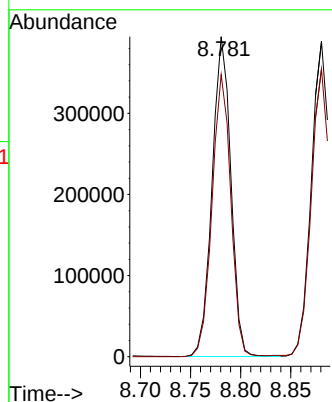
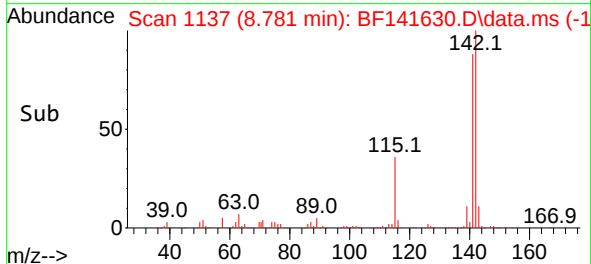
Instrument :
BNA_F
ClientSampleId :
PB166711BS



Tgt Ion:142 Resp: 513240
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8

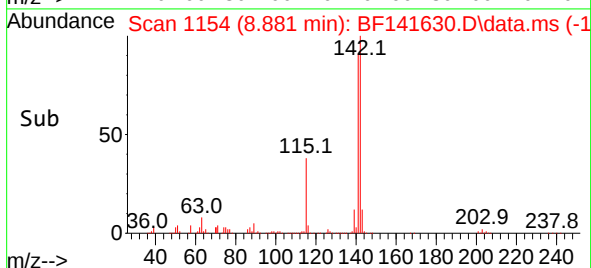
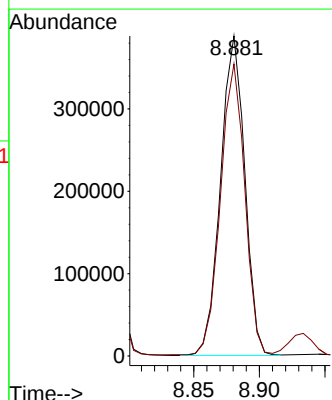
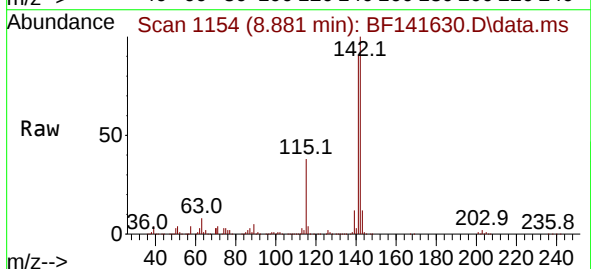
Manual Integrations
APPROVED

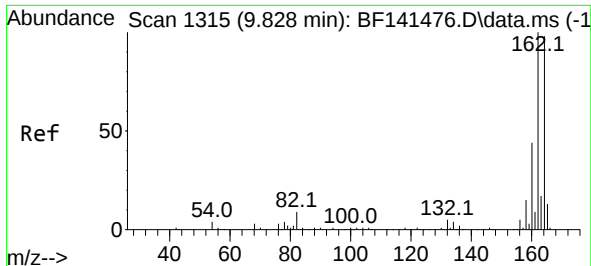
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#38
1-Methylnaphthalene
Concen: 40.893 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:142 Resp: 498933
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BF141630.D

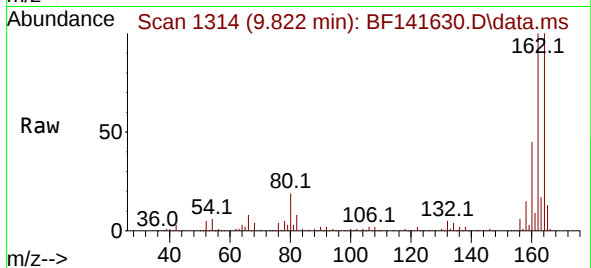
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS



Tgt Ion:164 Resp: 21224

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

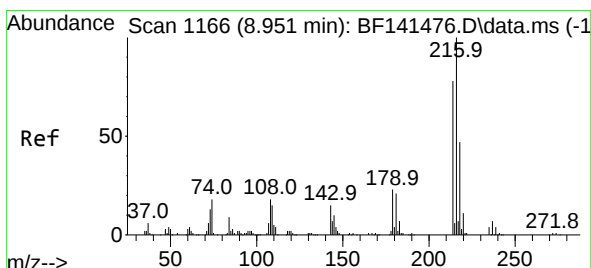
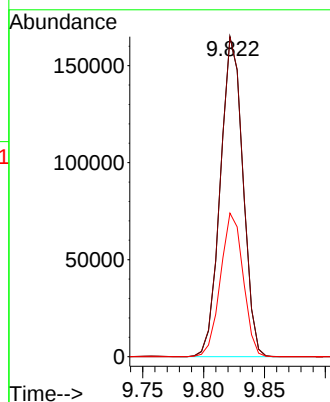
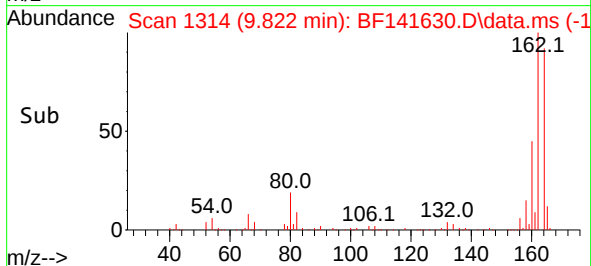
160 44.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.430 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Tgt Ion:216 Resp: 278963

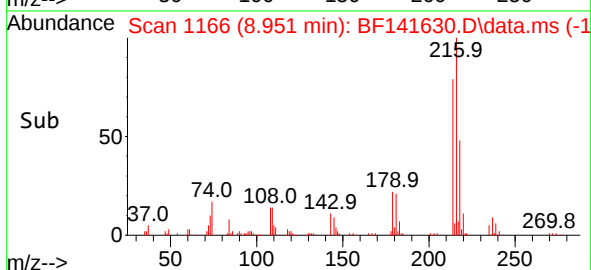
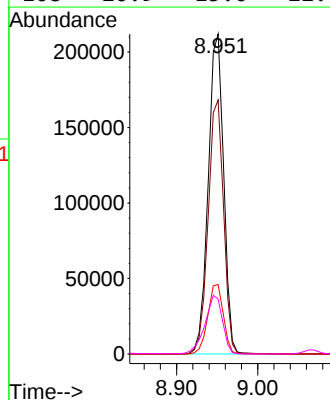
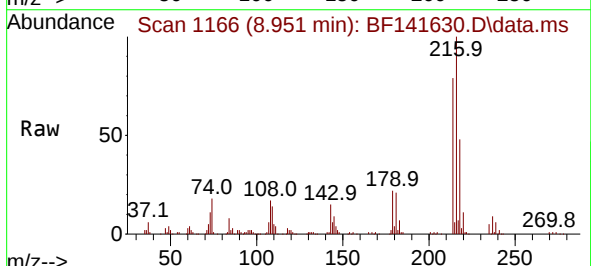
Ion Ratio Lower Upper

216 100

214 79.3 62.3 93.5

179 21.9 18.0 27.0

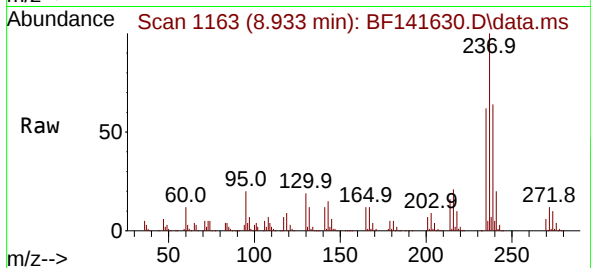
108 20.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 142.852 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

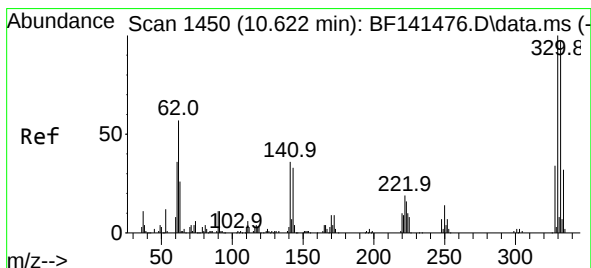
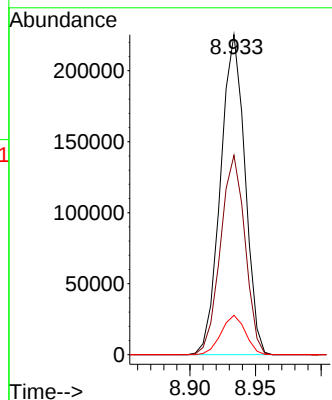
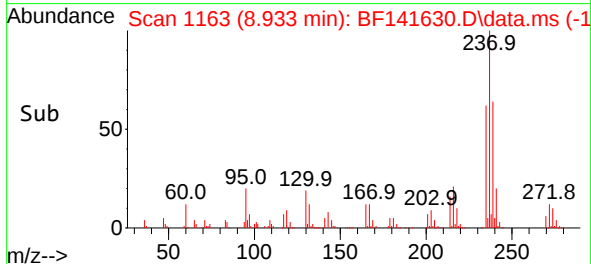
Instrument :
BNA_F
ClientSampleId :
PB166711BS



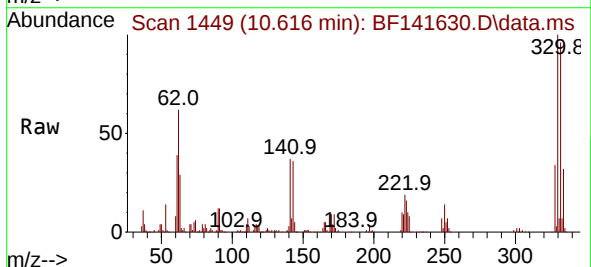
Tgt Ion:237 Resp: 291758
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 12.3 0.0 32.4

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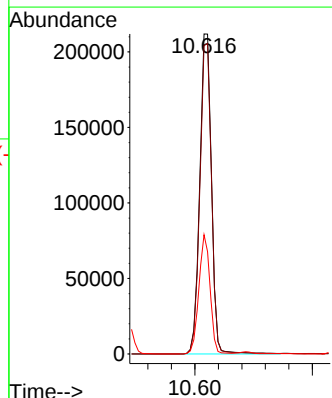
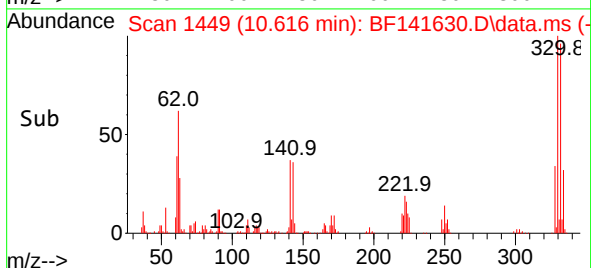
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

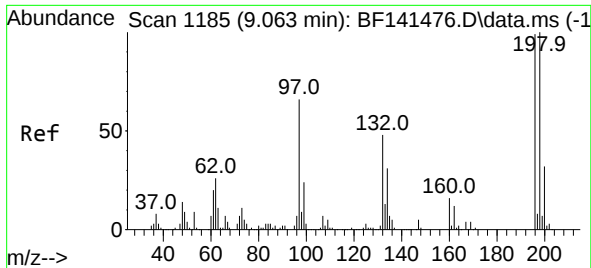


#42
2,4,6-Tribromophenol
Concen: 137.479 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



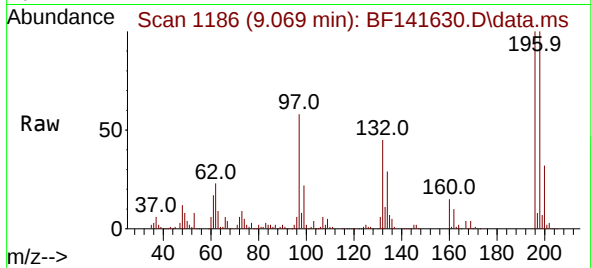
Tgt Ion:330 Resp: 293116
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 35.5 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 42.540 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

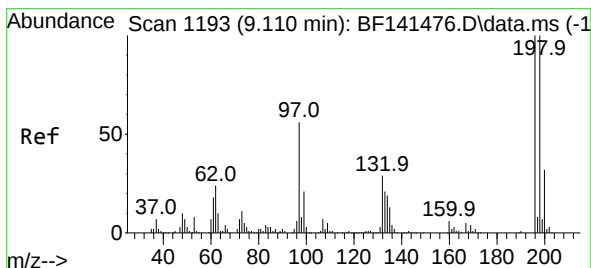
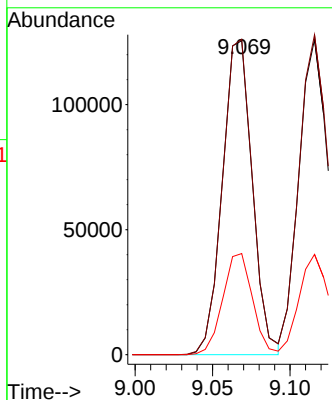
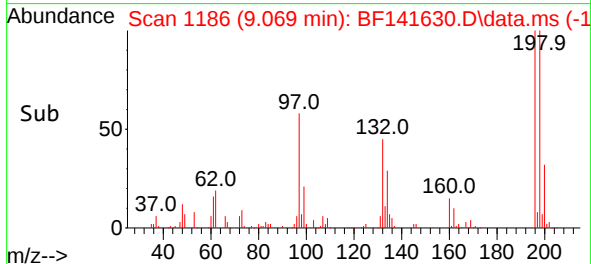
Instrument :
BNA_F
ClientSampleId :
PB166711BS



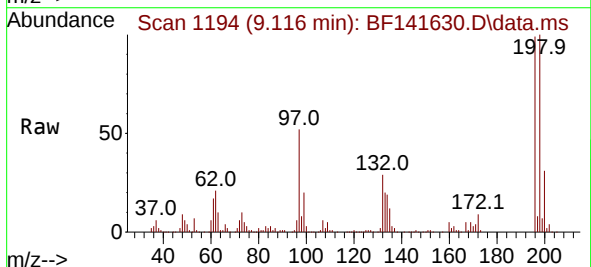
Tgt Ion:196 Resp: 168820
Ion Ratio Lower Upper
196 100
198 100.5 80.6 121.0
200 32.2 25.5 38.3

Manual Integrations
APPROVED

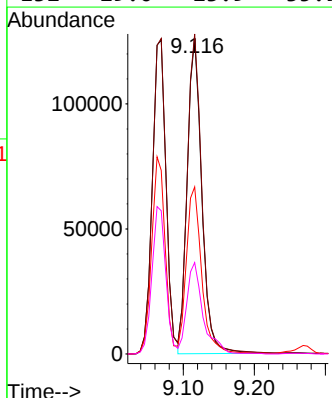
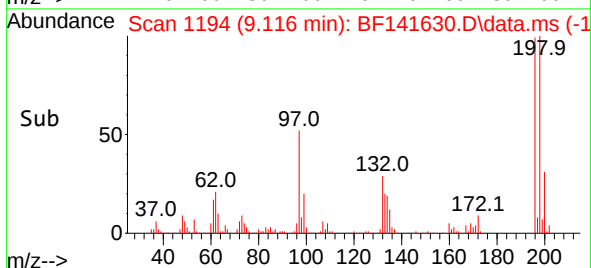
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

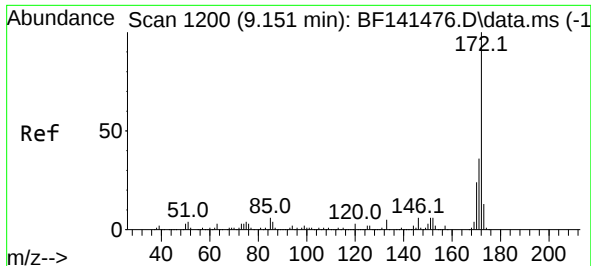


#44
2,4,5-Trichlorophenol
Concen: 41.630 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:196 Resp: 179056
Ion Ratio Lower Upper
196 100
198 101.5 79.8 119.8
97 53.0 44.8 67.2
132 29.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 90.996 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

Tgt Ion:172 Resp: 125358

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

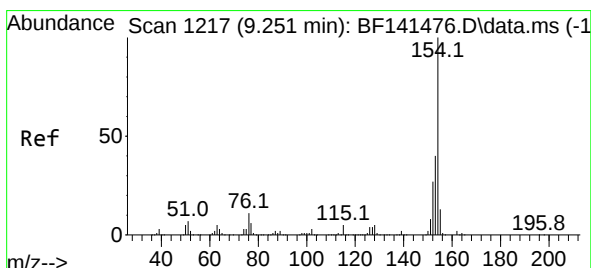
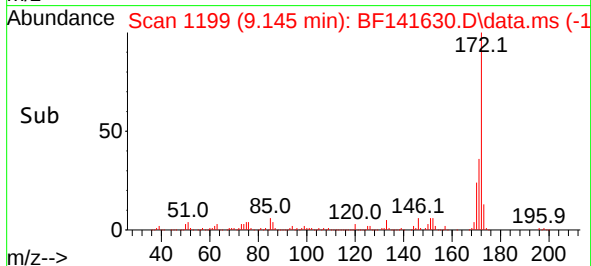
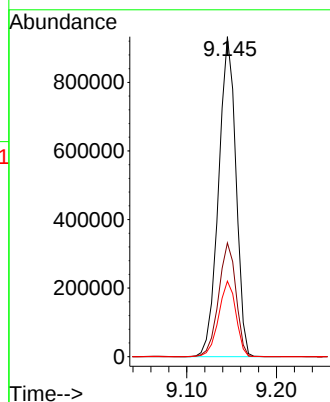
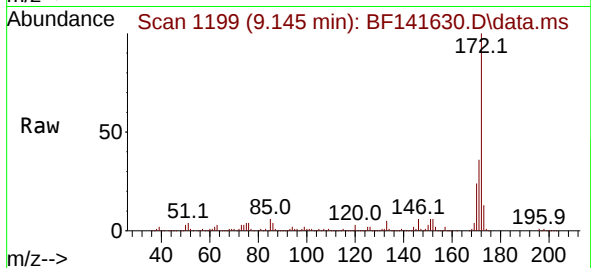
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#46

1,1'-Biphenyl

Concen: 45.328 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

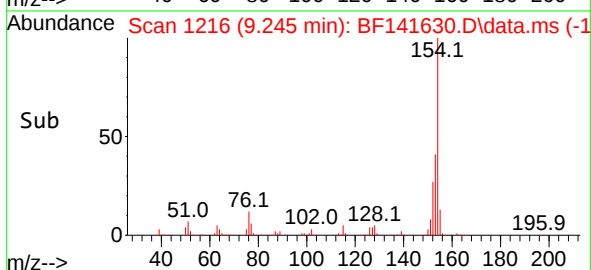
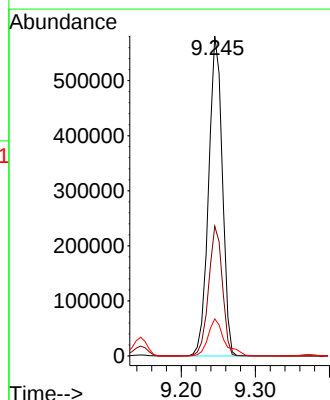
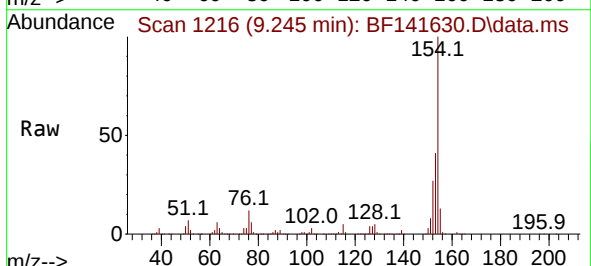
Tgt Ion:154 Resp: 745855

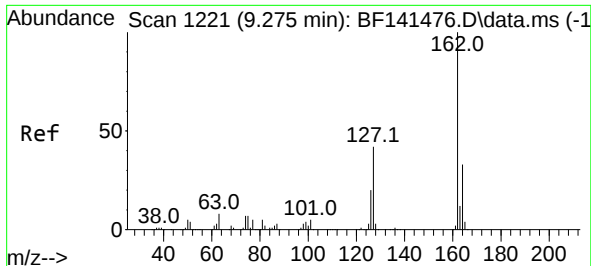
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.6 0.0 30.8





#47
2-Chloronaphthalene
Concen: 41.818 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

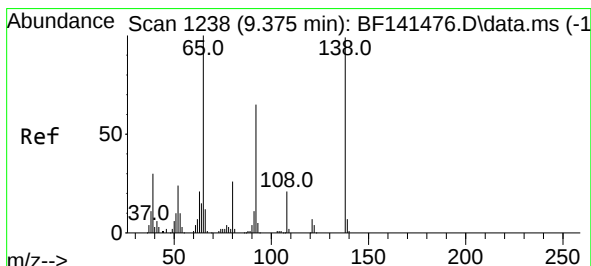
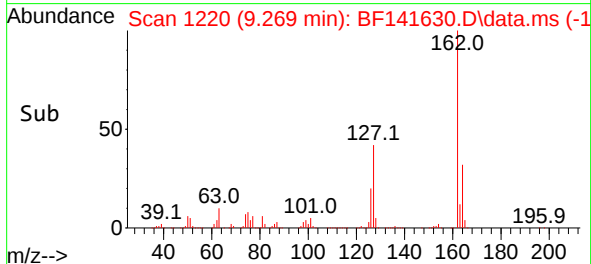
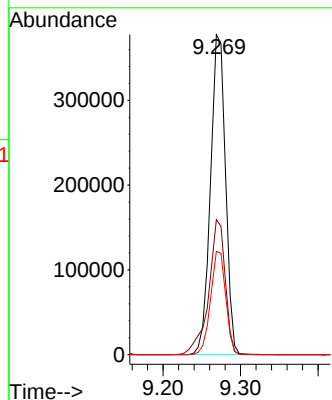
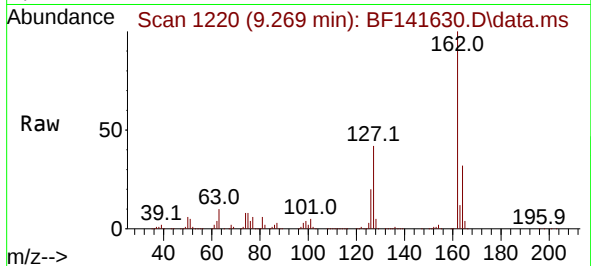
ClientSampleId :

PB166711BS

Tgt Ion:162 Resp: 50883
Ion Ratio Lower Upper
162 100
127 42.2 34.1 51.1
164 32.3 26.3 39.5

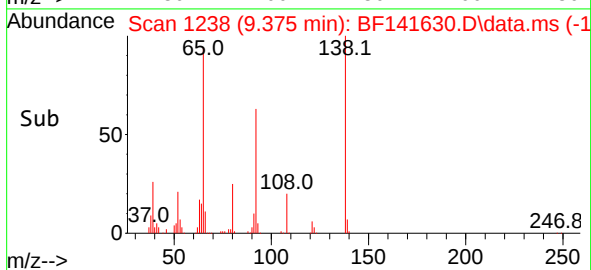
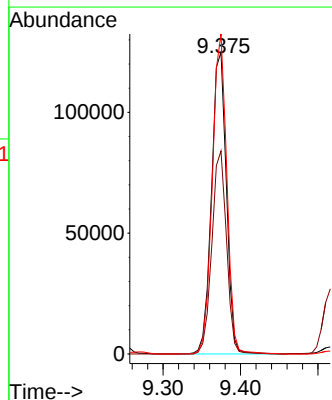
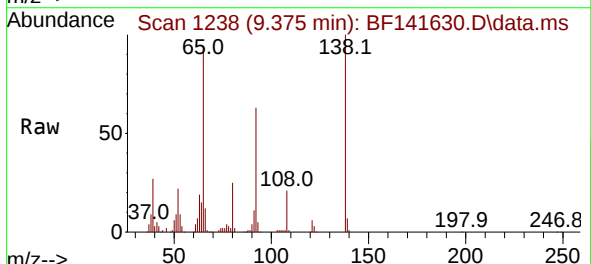
Manual Integrations
APPROVED

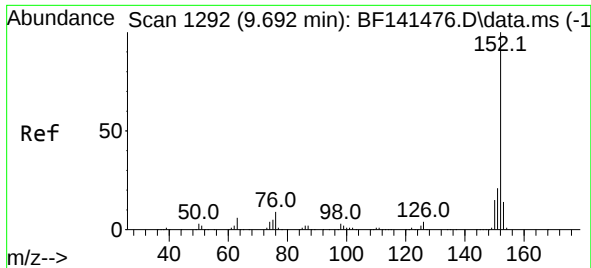
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#48
2-Nitroaniline
Concen: 40.689 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion: 65 Resp: 166155
Ion Ratio Lower Upper
65 100
92 67.2 52.2 78.2
138 106.0 79.5 119.3





#49
Acenaphthylene
Concen: 43.362 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

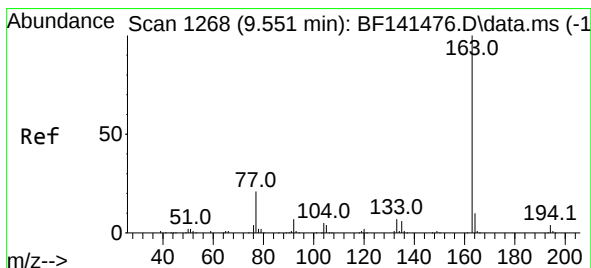
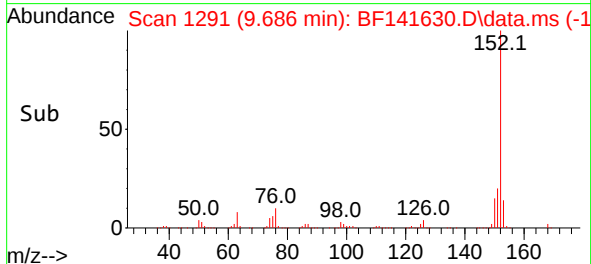
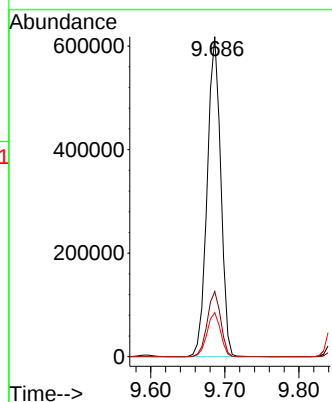
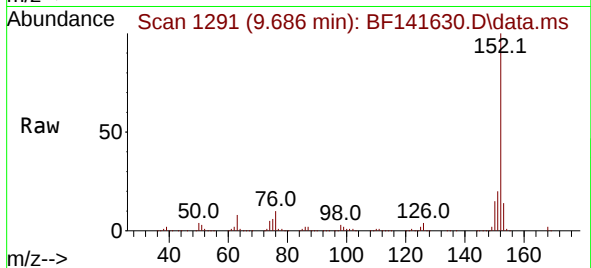
ClientSampleId :

PB166711BS

Tgt Ion:152 Resp: 78478
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 10.9 16.3

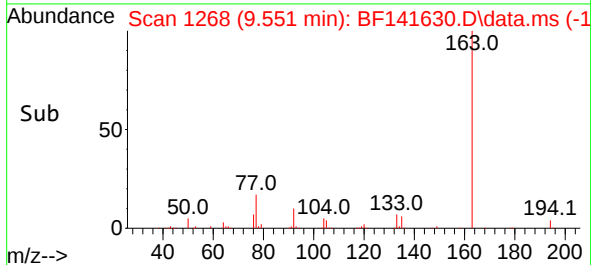
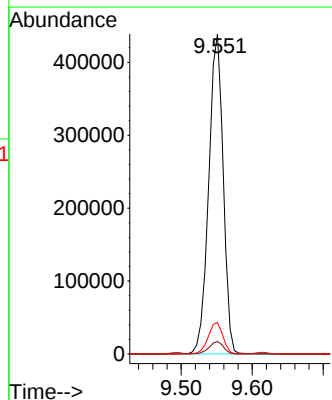
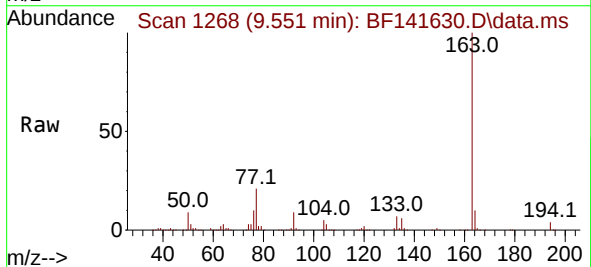
Manual Integrations
APPROVED

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



#50
Dimethylphthalate
Concen: 43.167 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:163 Resp: 621981
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 7.9 11.9





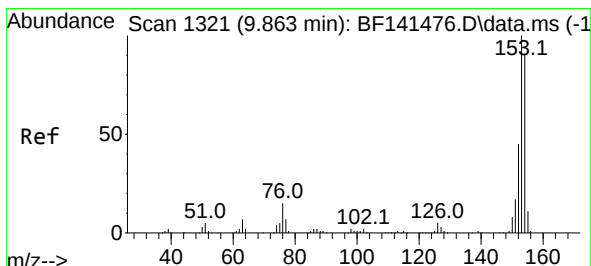
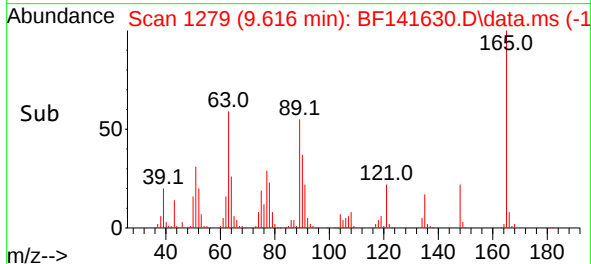
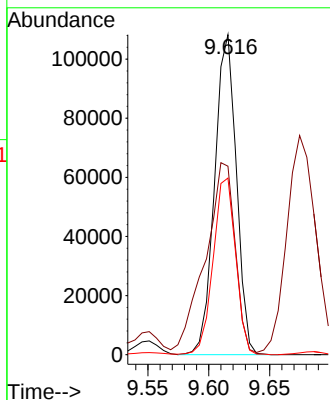
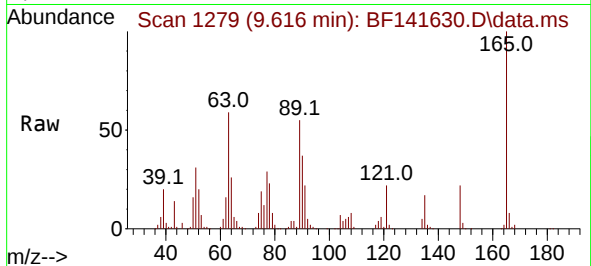
#51
2,6-Dinitrotoluene
Concen: 42.838 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :
BNA_F
Client Sample Id :
PB166711BS

Tgt Ion:165 Resp: 13493
Ion Ratio Lower Upper
165 100
63 58.9 49.4 74.0
89 55.2 46.5 69.7

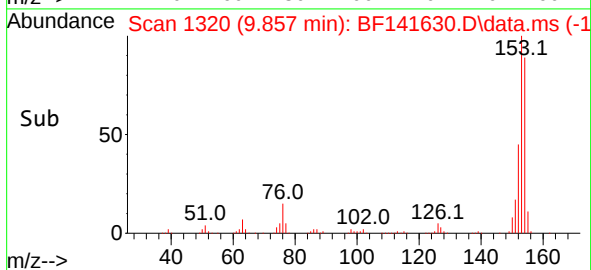
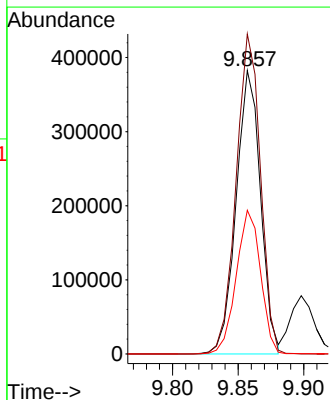
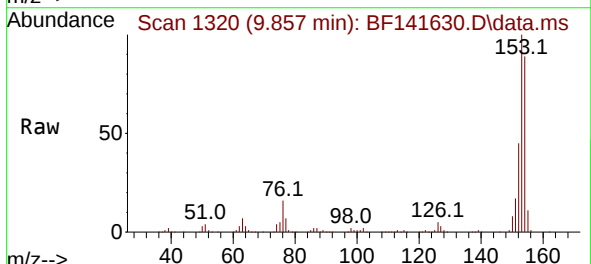
Manual Integrations
APPROVED

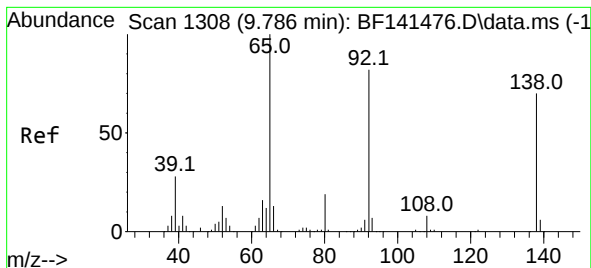
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#52
Acenaphthene
Concen: 40.742 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:154 Resp: 495714
Ion Ratio Lower Upper
154 100
153 112.9 89.2 133.8
152 50.7 39.8 59.8





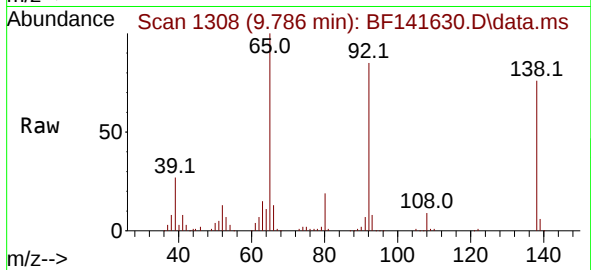
#53
3-Nitroaniline
Concen: 27.093 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

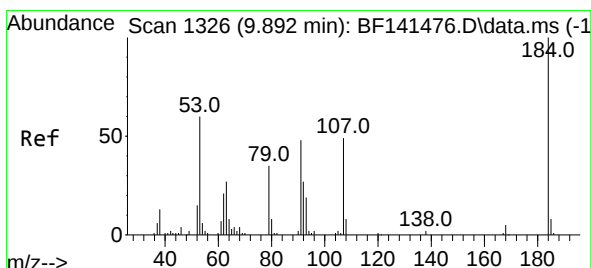
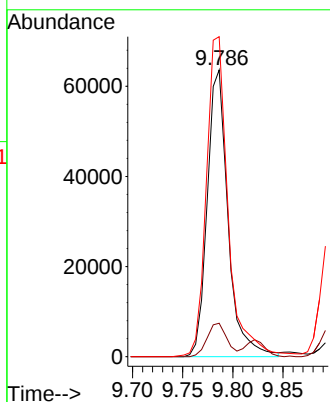
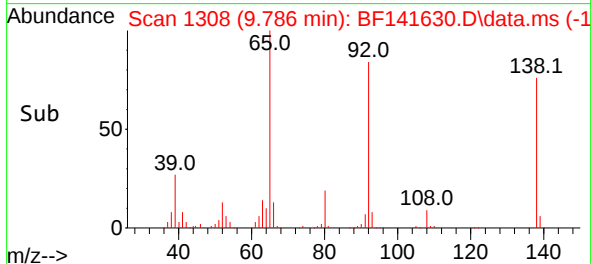


Tgt Ion:138 Resp: 91850
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 111.6 93.7 140.5

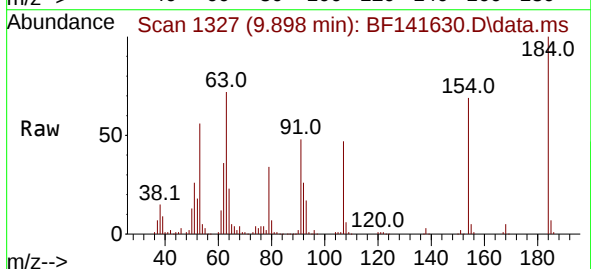
Manual Integrations

APPROVED

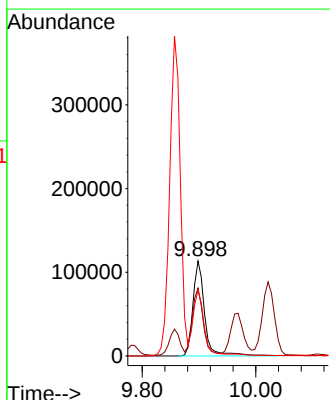
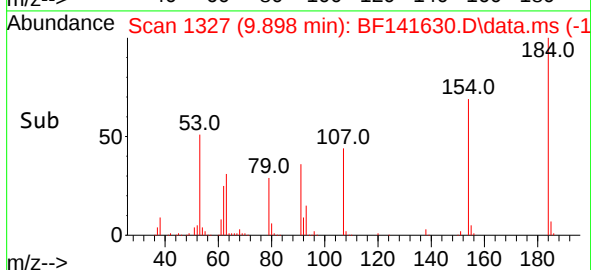
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#54
2,4-Dinitrophenol
Concen: 87.647 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:184 Resp: 164078
Ion Ratio Lower Upper
184 100
63 71.6 61.0 91.6
154 69.3 59.9 89.9





#55
Dibenzofuran
Concen: 39.970 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

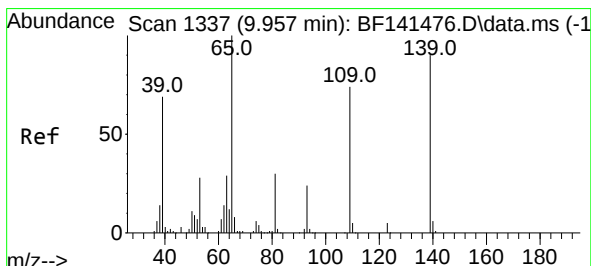
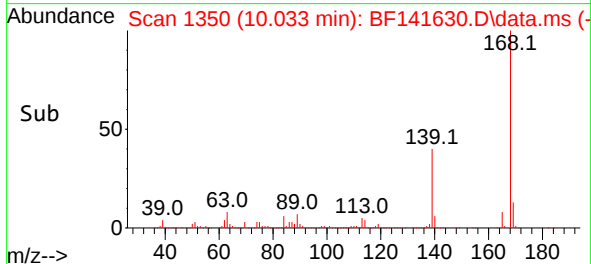
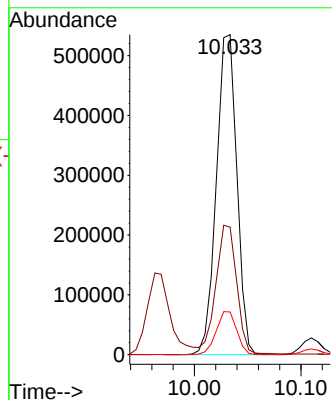
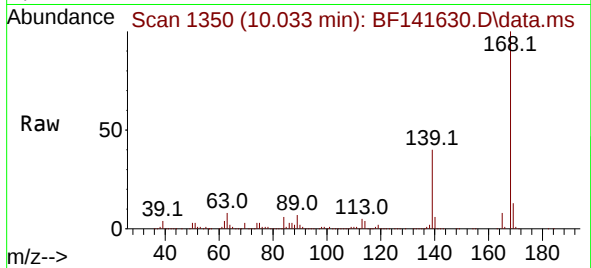
ClientSampleId :

PB166711BS

Tgt Ion:168 Resp: 71383
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 13.4 10.8 16.2

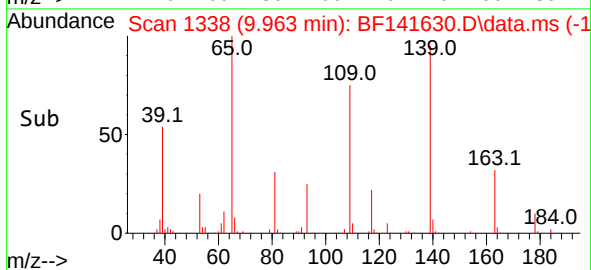
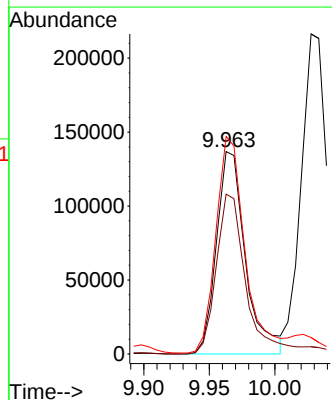
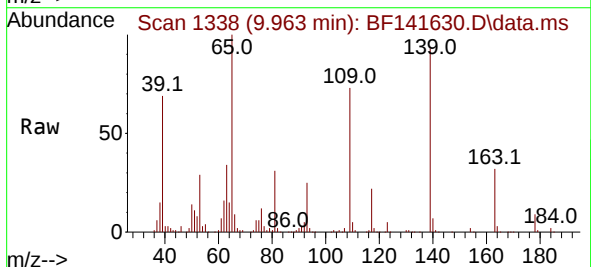
Manual Integrations
APPROVED

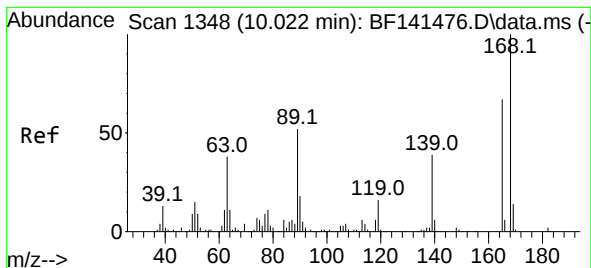
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#56
4-Nitrophenol
Concen: 83.475 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:139 Resp: 210075
Ion Ratio Lower Upper
139 100
109 79.0 62.0 102.0
65 107.5 91.2 131.2





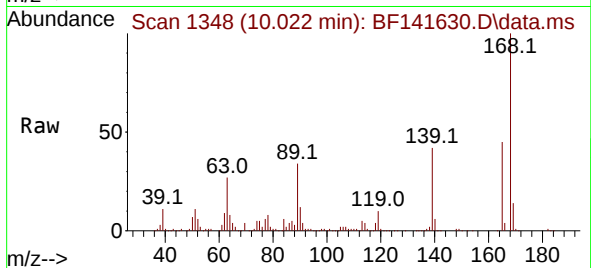
#57
2,4-Dinitrotoluene
Concen: 44.364 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

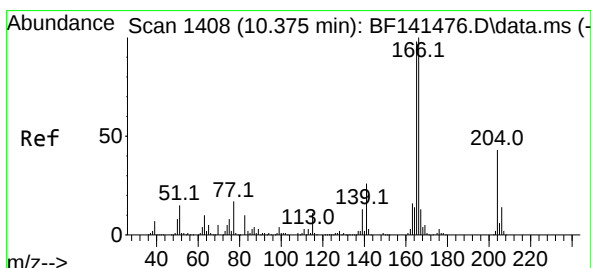
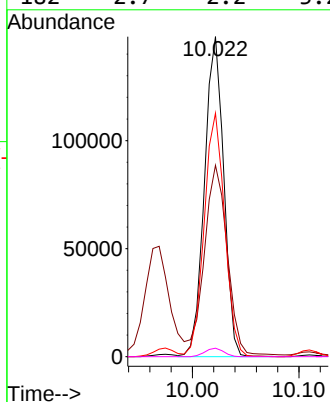
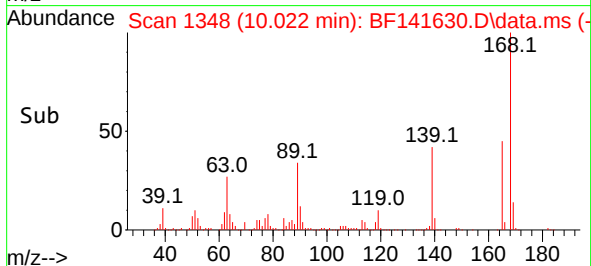


Tgt Ion:165 Resp: 186028
Ion Ratio Lower Upper
165 100
63 59.8 46.4 69.6
89 76.1 61.8 92.6
182 2.7 2.2 3.2

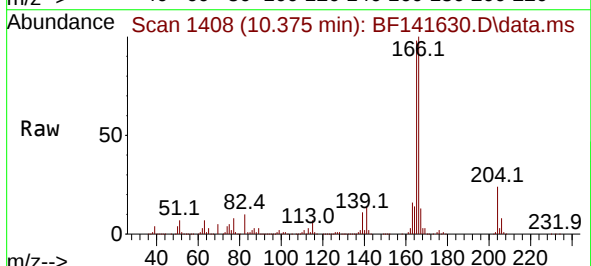
Manual Integrations

APPROVED

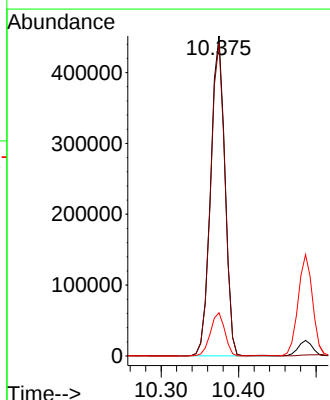
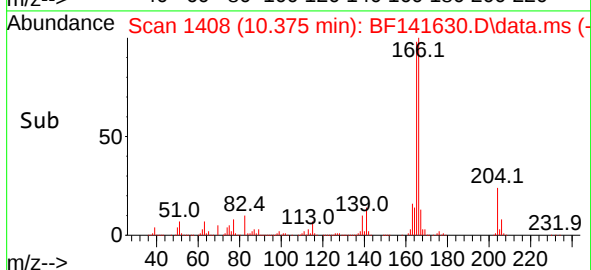
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#58
Fluorene
Concen: 41.824 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



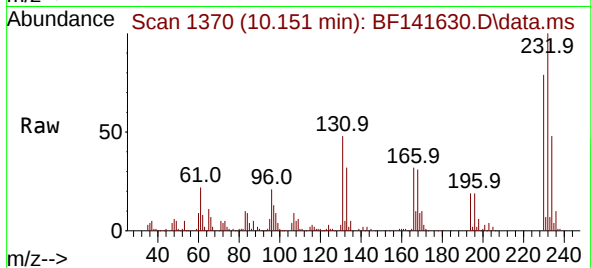
Tgt Ion:166 Resp: 577543
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.470 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

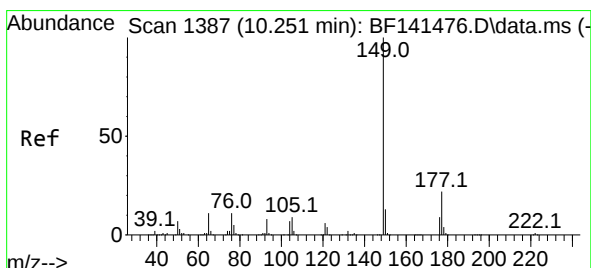
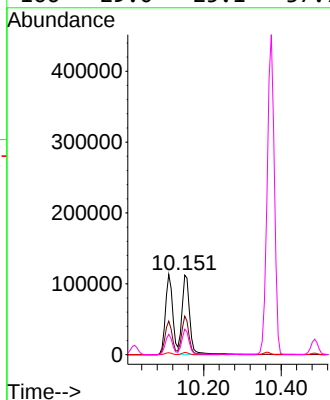
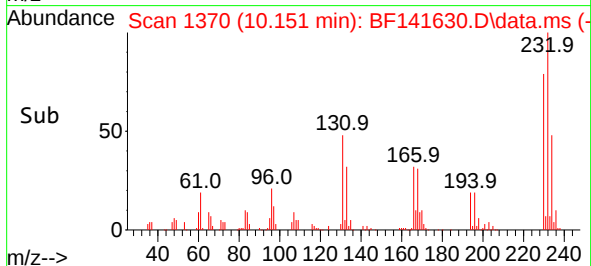
Instrument :
BNA_F
ClientSampleId :
PB166711BS



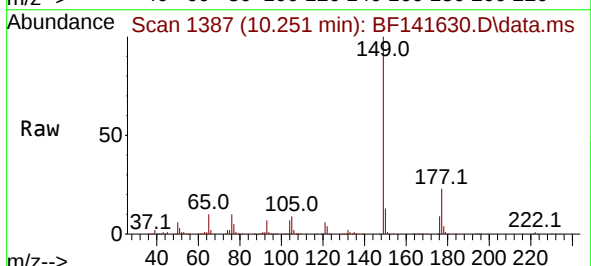
Tgt Ion:232 Resp: 157261
Ion Ratio Lower Upper
232 100
131 45.2 39.2 58.8
130 2.4 2.1 3.1
166 29.0 25.1 37.7

Manual Integrations
APPROVED

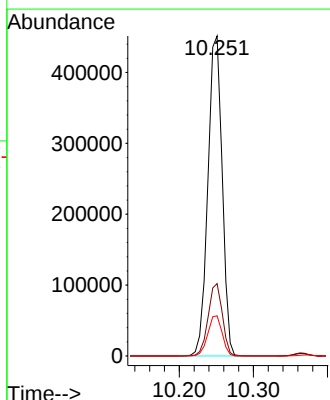
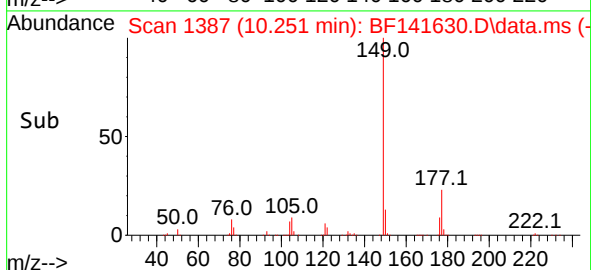
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

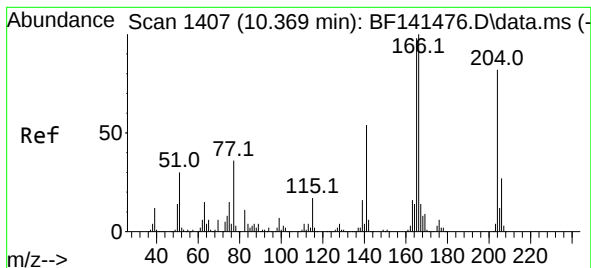


#60
Diethylphthalate
Concen: 42.608 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



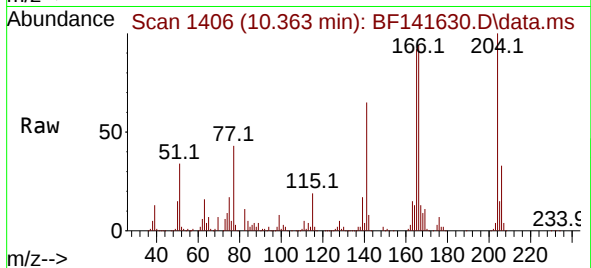
Tgt Ion:149 Resp: 604022
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.229 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

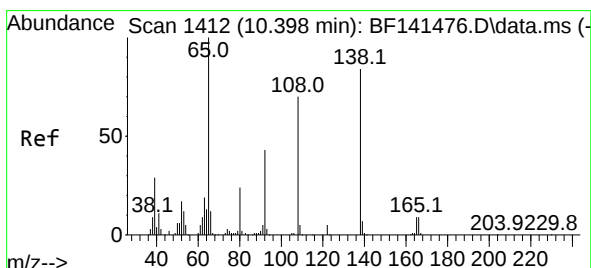
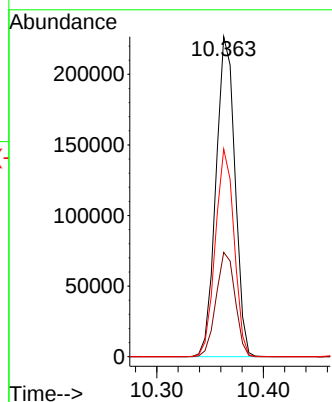
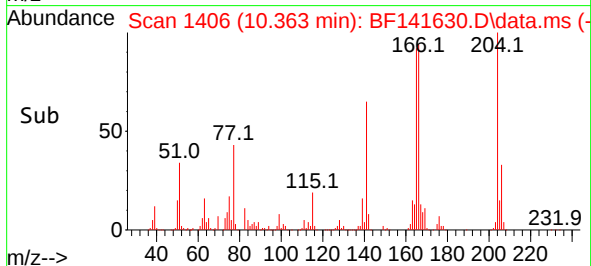
Instrument :
BNA_F
ClientSampleId :
PB166711BS



Tgt Ion:204 Resp: 28053
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.9 51.9 77.9

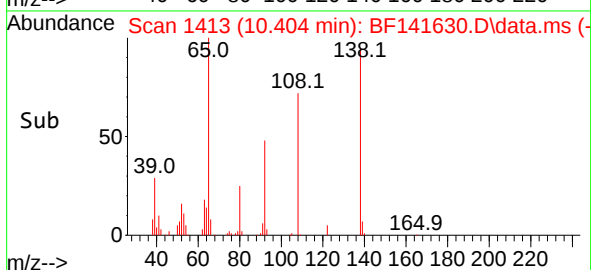
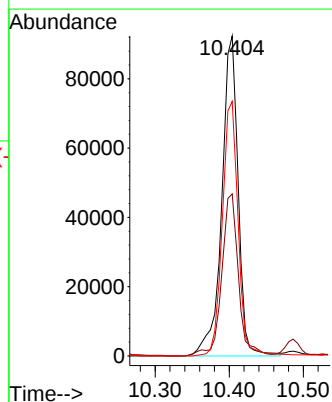
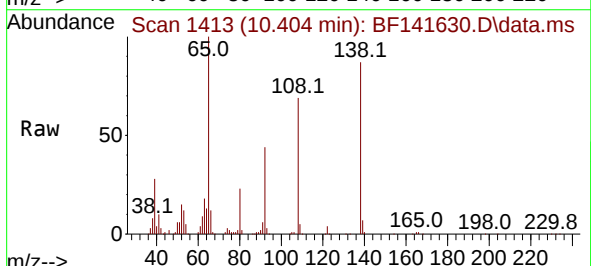
Manual Integrations
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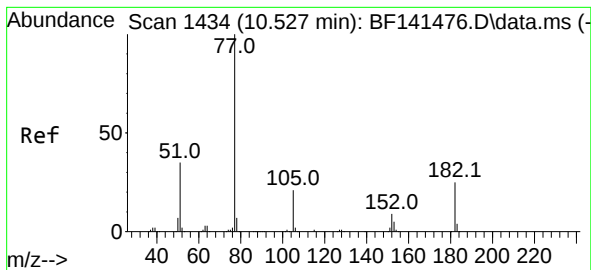
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#62
4-Nitroaniline
Concen: 41.281 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:138 Resp: 142107
Ion Ratio Lower Upper
138 100
92 50.7 31.3 71.3
108 79.5 63.7 103.7





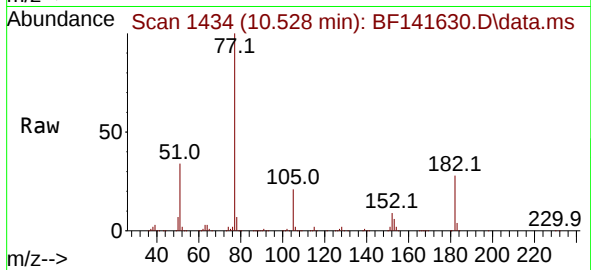
#63
Azobenzene
Concen: 40.824 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS



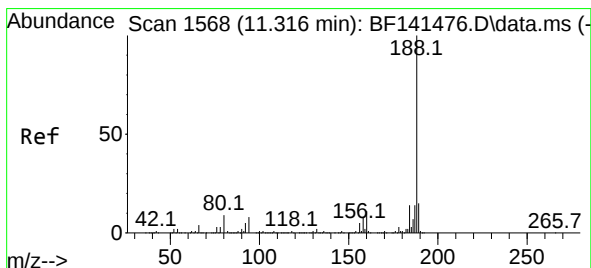
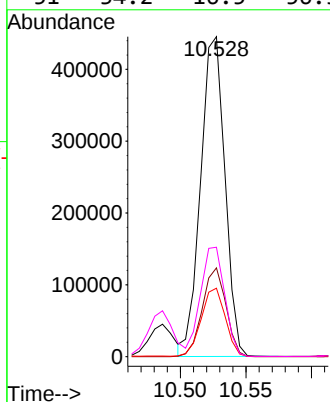
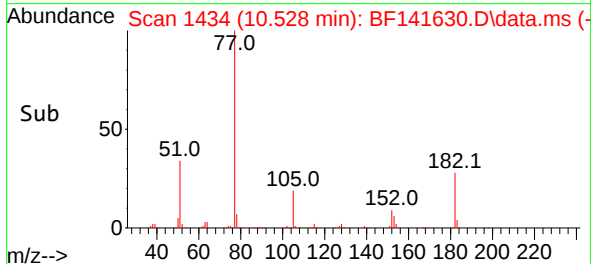
Tgt Ion: 77 Resp: 575349
Ion Ratio Lower Upper
77 100
182 27.7 4.7 44.7
105 21.4 0.4 40.4
51 34.2 16.5 56.5

Manual Integrations

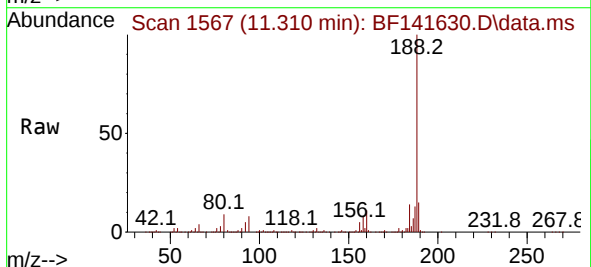
APPROVED

Reviewed By :Yogesh Patel 02/15/2025

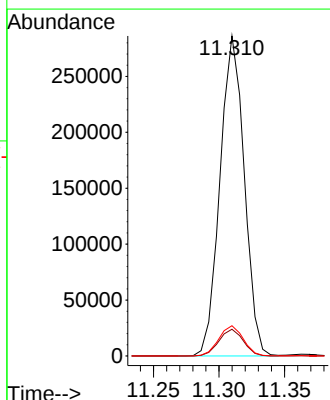
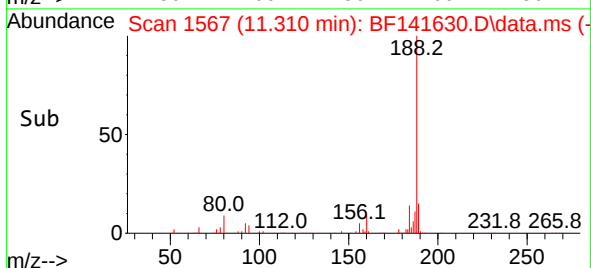
Supervised By :Jagrut Upadhyay 02/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:188 Resp: 368683
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.5 7.3 10.9





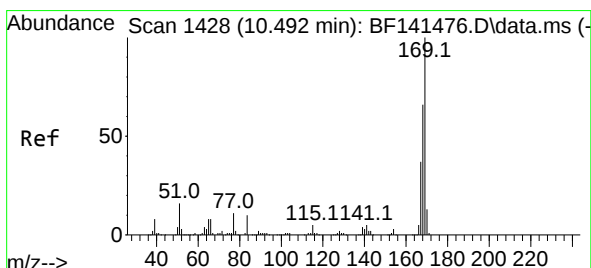
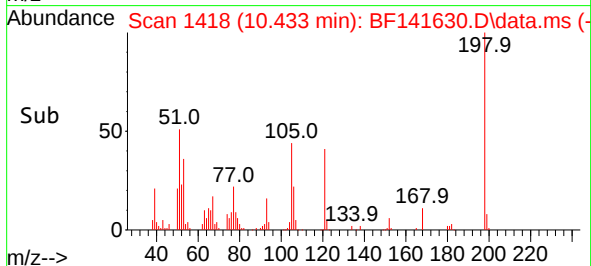
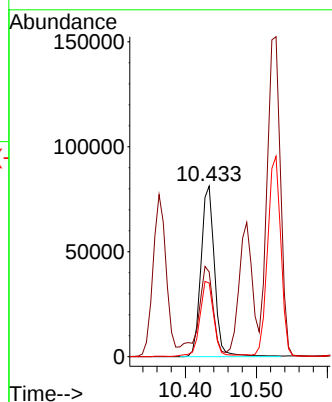
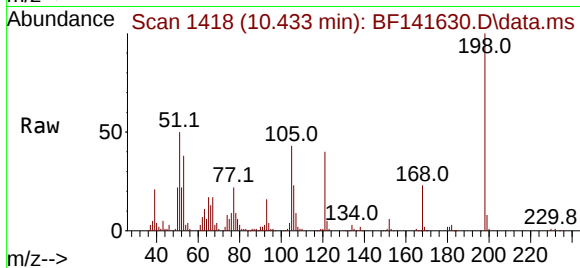
#65
4,6-Dinitro-2-methylphenol
Concen: 42.200 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166711BS

Tgt Ion:198 Resp: 108071
Ion Ratio Lower Upper
198 100
51 49.7 37.4 77.4
105 43.3 25.2 65.2

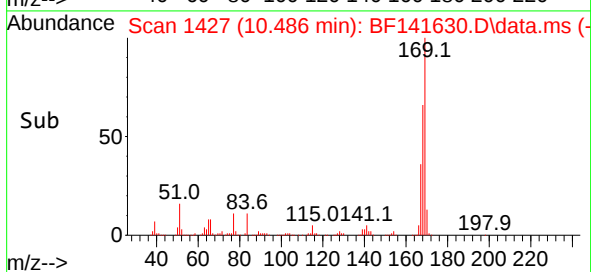
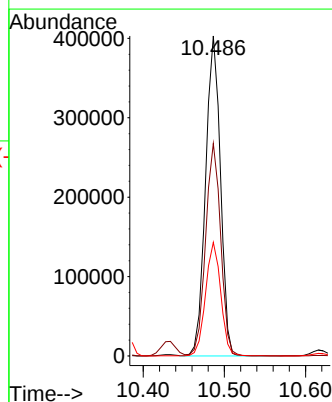
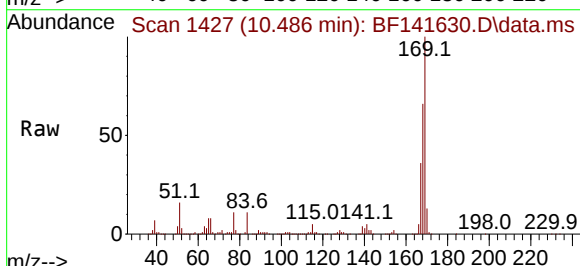
Manual Integrations
APPROVED

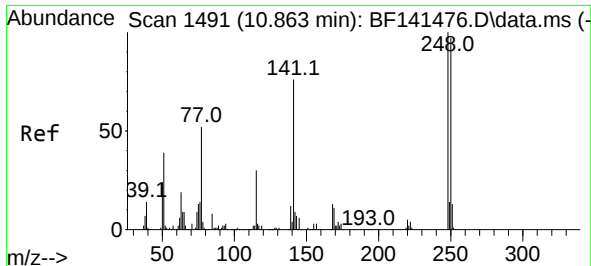
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#66
n-Nitrosodiphenylamine
Concen: 43.316 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

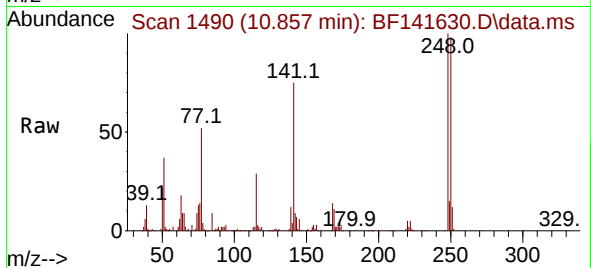
Tgt Ion:169 Resp: 511215
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 35.5 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.211 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

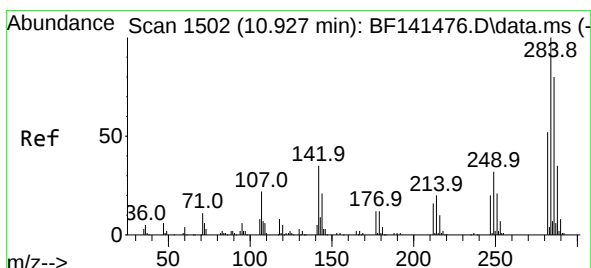
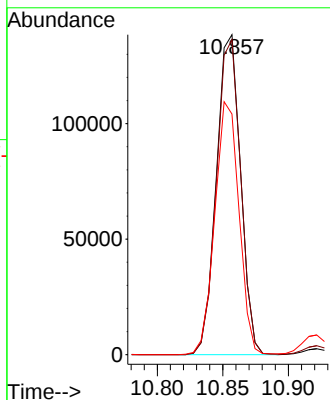
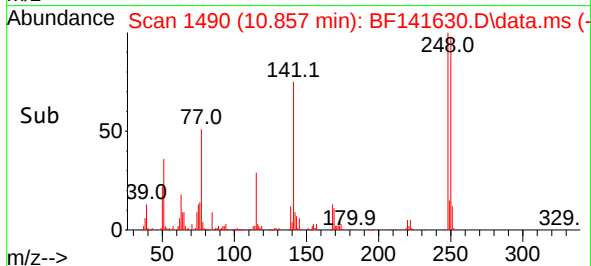
Instrument :
BNA_F
ClientSampleId :
PB166711BS



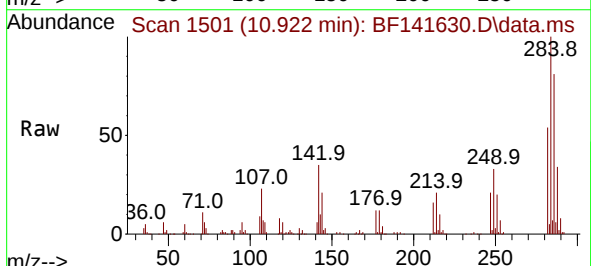
Tgt Ion:248 Resp: 178050
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.6
141 75.2 60.6 90.8

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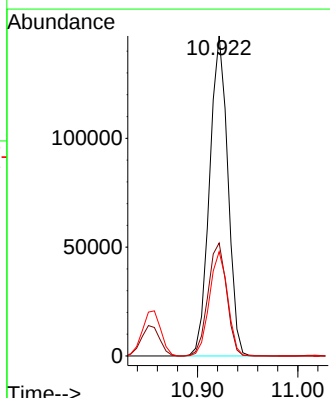
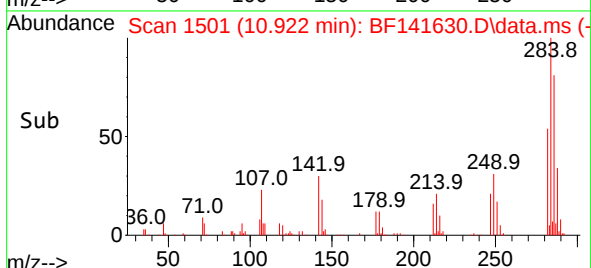
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

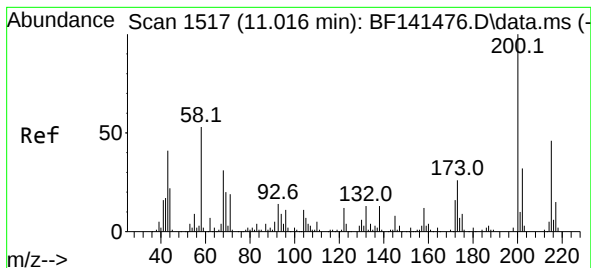


#68
Hexachlorobenzene
Concen: 43.733 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:284 Resp: 185558
Ion Ratio Lower Upper
284 100
142 35.3 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 55.640 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

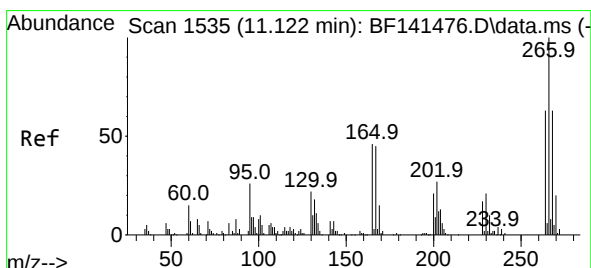
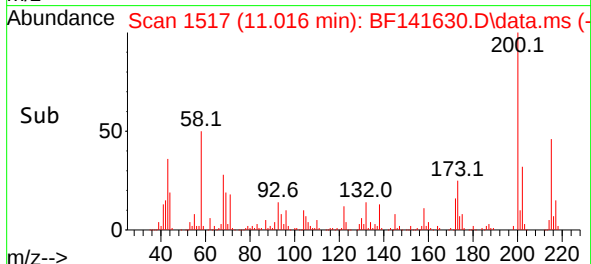
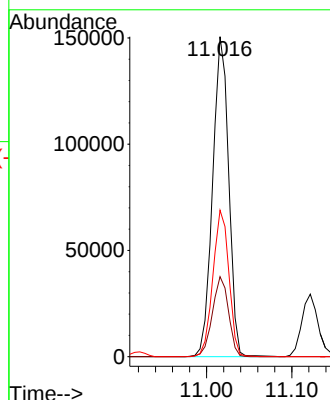
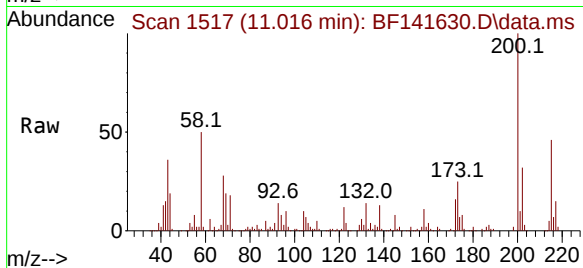
ClientSampleId :

PB166711BS

Tgt Ion:200 Resp: 19699
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.9 45.9
 215 45.7 25.9 65.9

Manual Integrations
 APPROVED

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



#70

Pentachlorophenol

Concen: 78.233 ng

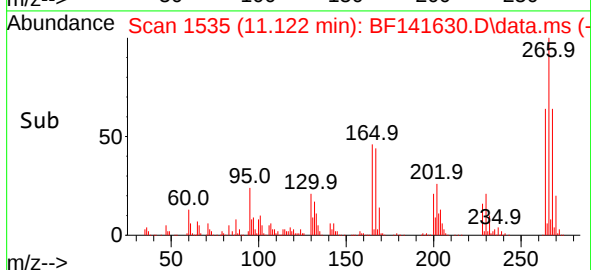
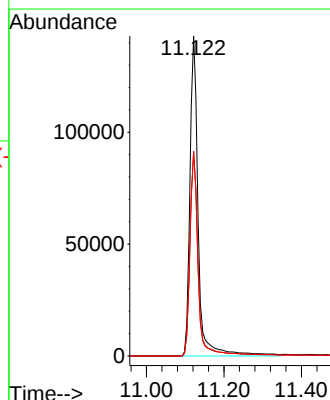
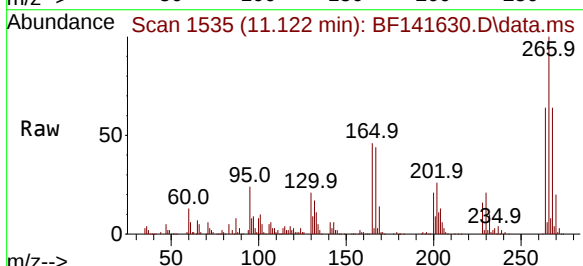
RT: 11.122 min Scan# 1535

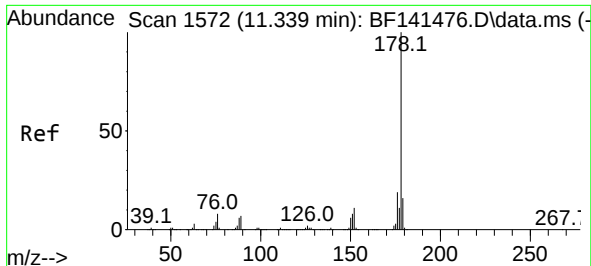
Delta R.T. -0.006 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Tgt Ion:266 Resp: 212252
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.1 75.1
 264 63.8 50.1 75.1





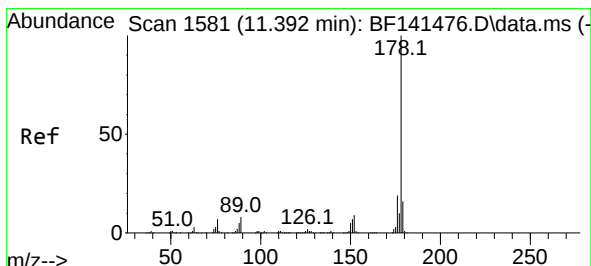
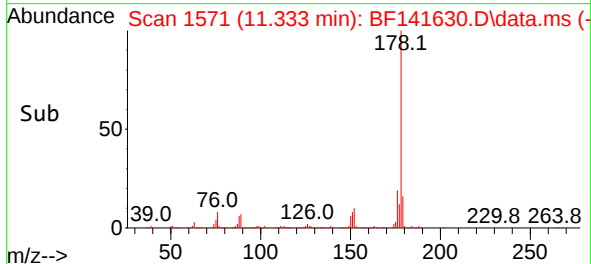
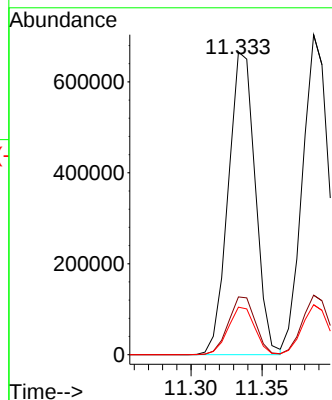
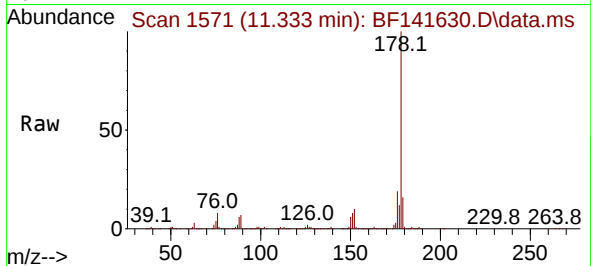
#71
Phenanthrene
Concen: 43.385 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166711BS

Tgt Ion:178 Resp: 880460
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.4 18.6

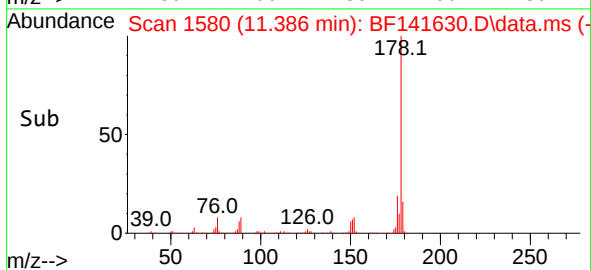
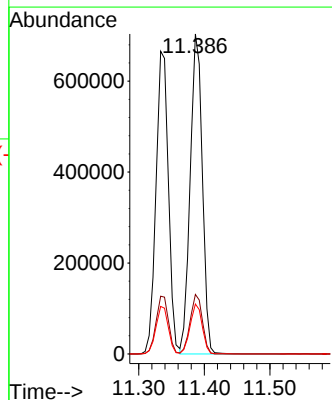
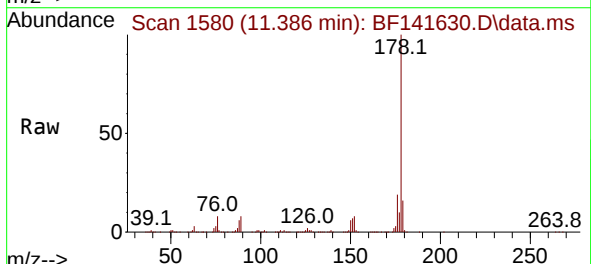
Manual Integrations
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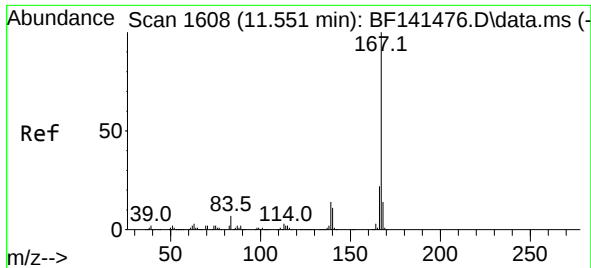
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#72
Anthracene
Concen: 44.317 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Tgt Ion:178 Resp: 904106
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.4 18.6





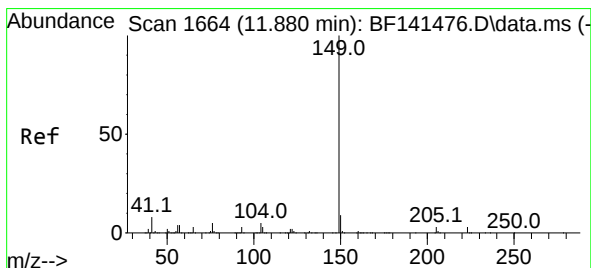
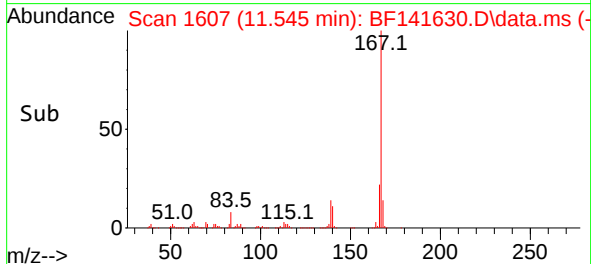
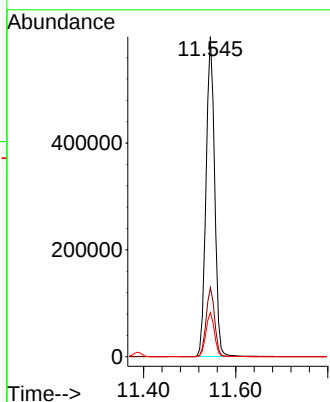
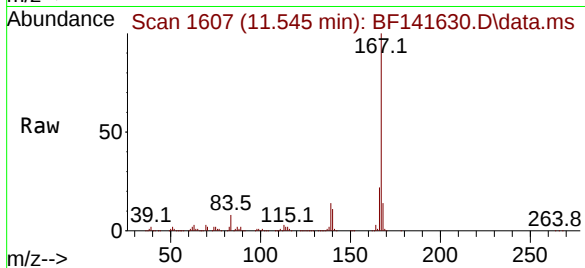
#73
 Carbazole
 Concen: 42.707 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB166711BS

Tgt Ion:167 Resp: 78395
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.8 10.9 16.3

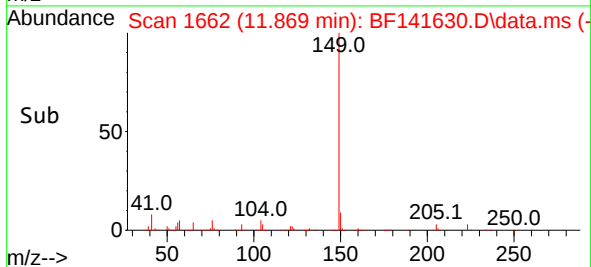
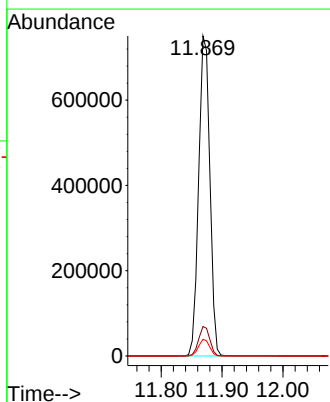
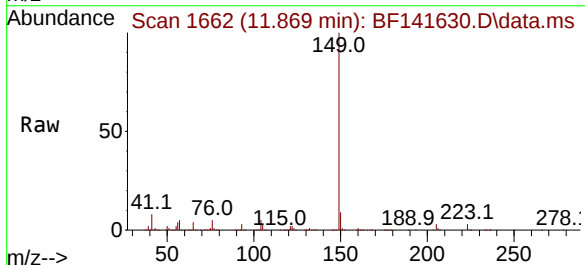
Manual Integrations
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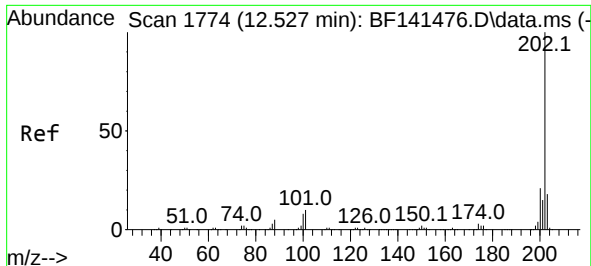
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#74
 Di-n-butylphthalate
 Concen: 45.029 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

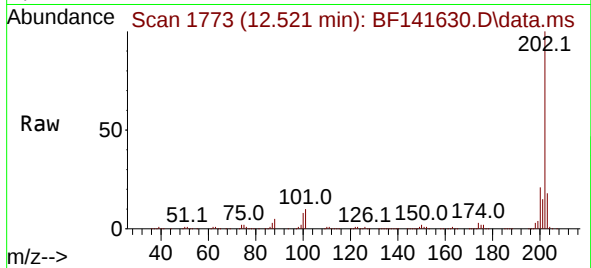
Tgt Ion:149 Resp: 954420
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 43.132 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

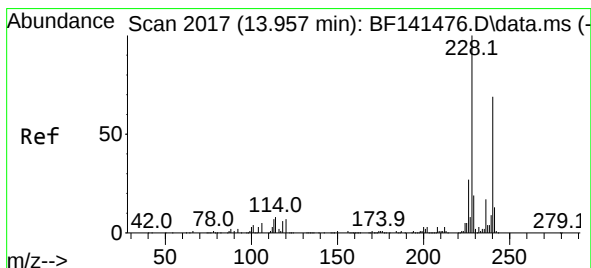
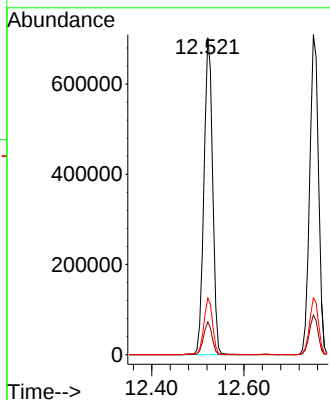
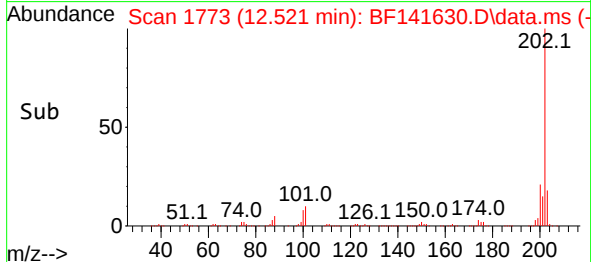
Instrument :
BNA_F
ClientSampleId :
PB166711BS



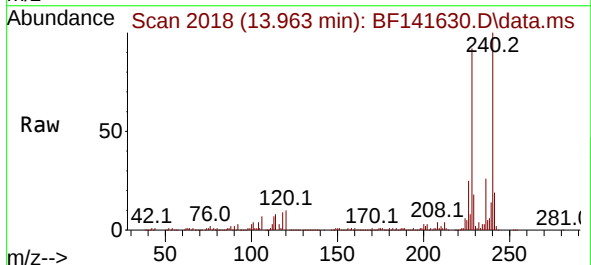
Tgt Ion:202 Resp: 92802
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.9 0.0 37.6

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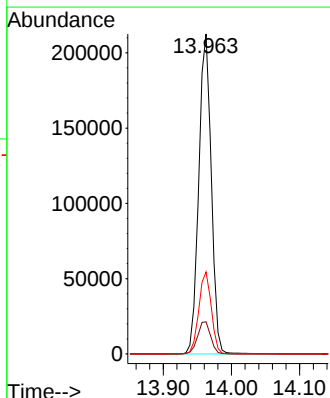
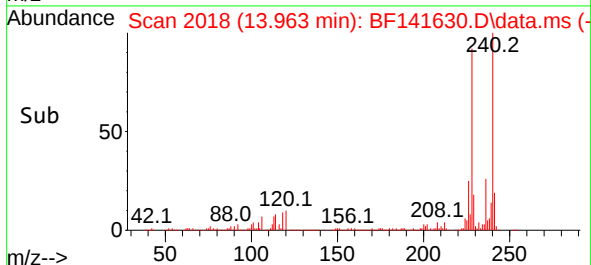
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

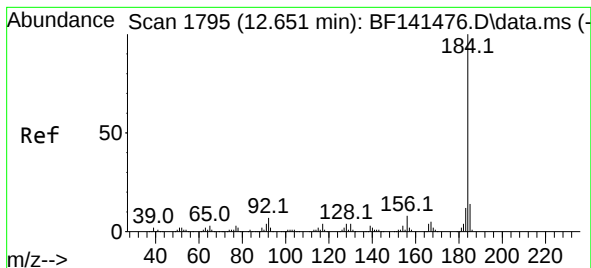


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:240 Resp: 270184
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.6 19.8 29.8





#77

Benzidine

Concen: 45.518 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

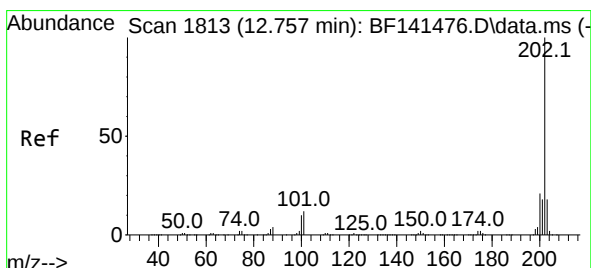
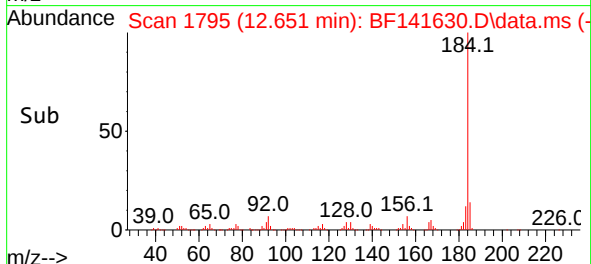
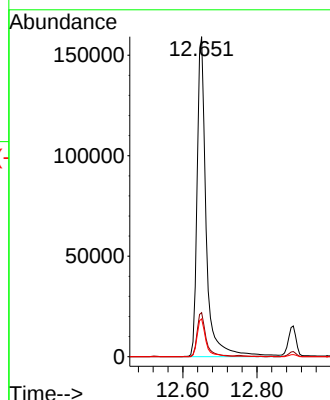
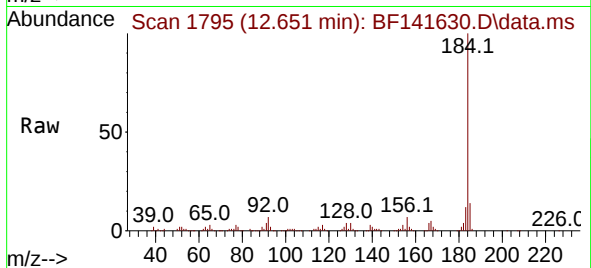
Tgt Ion:184	Resp: 271228
Ion Ratio	Lower Upper
184 100	
185 13.8	11.3 16.9
183 11.8	9.3 13.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#78

Pyrene

Concen: 40.920 ng

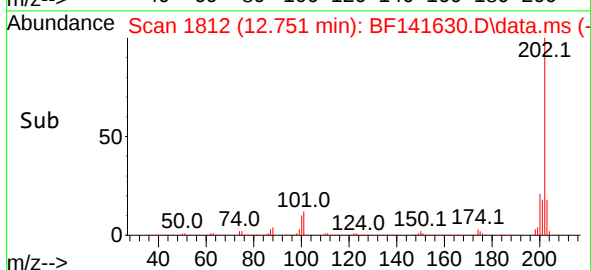
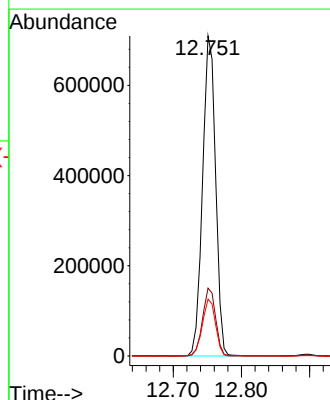
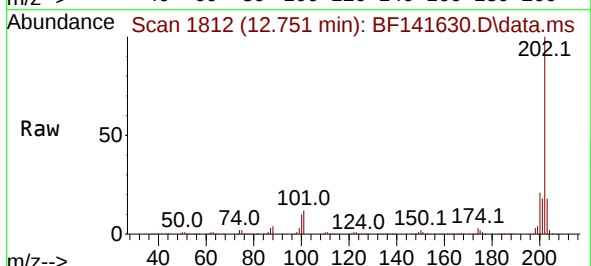
RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

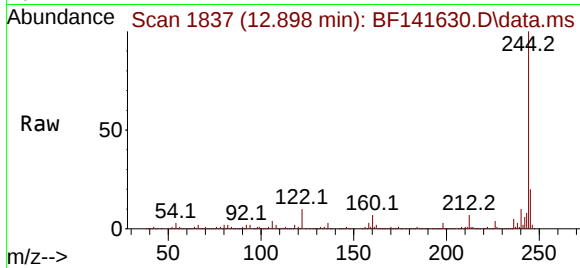
Tgt Ion:202	Resp: 941150
Ion Ratio	Lower Upper
202 100	
200 21.2	17.0 25.4
203 17.8	14.3 21.5





#79
 Terphenyl-d14
 Concen: 95.188 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55

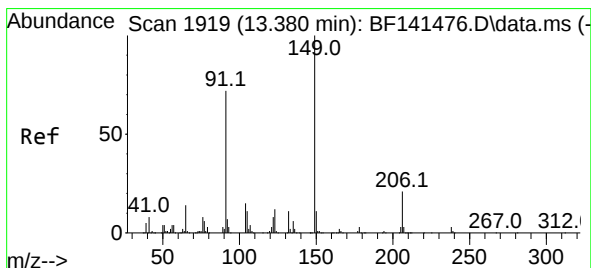
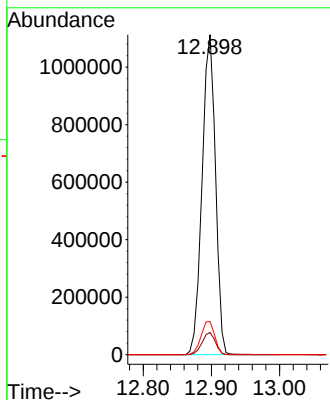
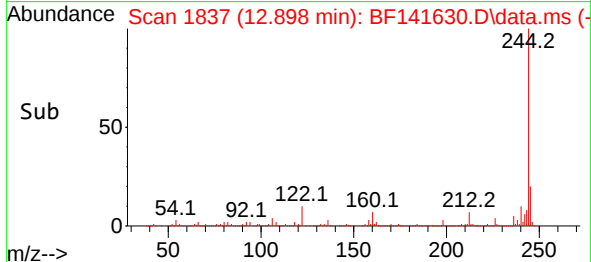
Instrument :
 BNA_F
 ClientSampleId :
 PB166711BS



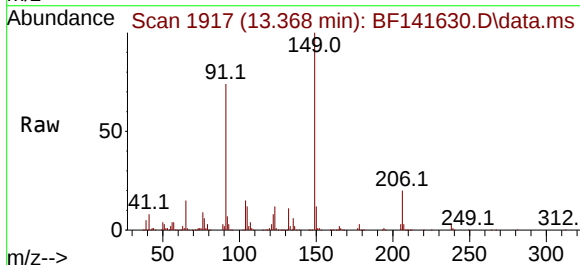
Tgt Ion:244 Resp: 1523434
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 8.4 12.6

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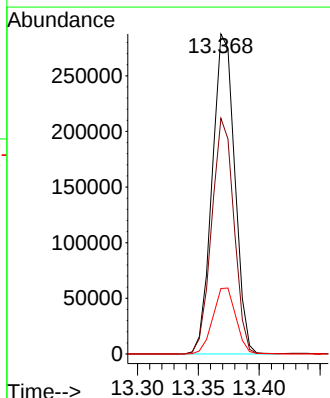
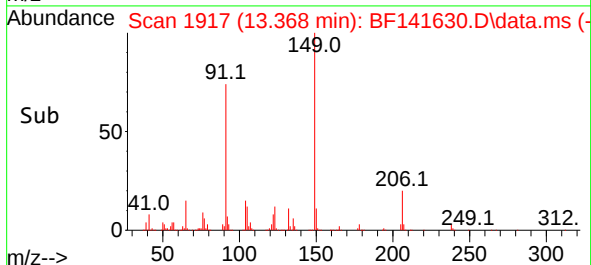
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#80
 Butylbenzylphthalate
 Concen: 46.639 ng
 RT: 13.368 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141630.D
 Acq: 14 Feb 2025 10:55



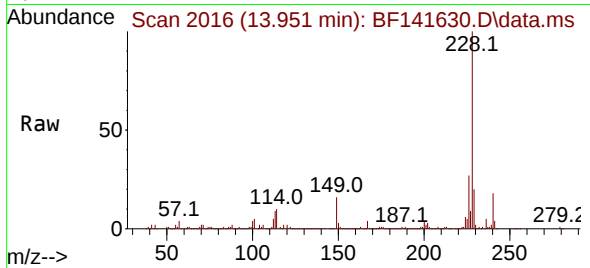
Tgt Ion:149 Resp: 371547
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.8 86.8
 206 20.5 16.7 25.1





#81
Benzo(a)anthracene
Concen: 43.031 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

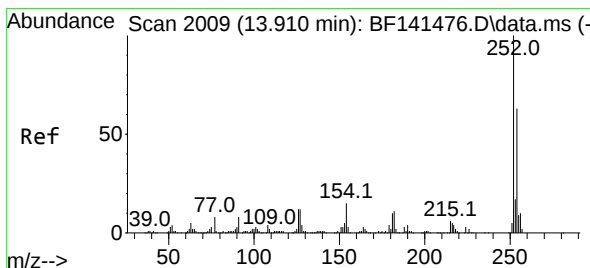
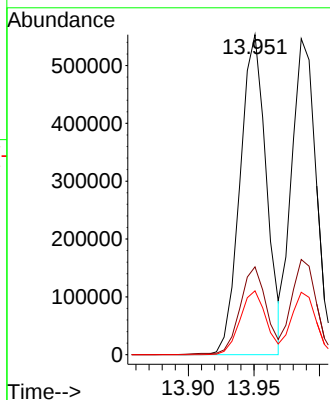
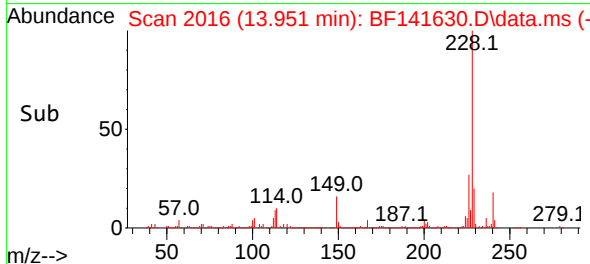
Instrument :
BNA_F
ClientSampleId :
PB166711BS



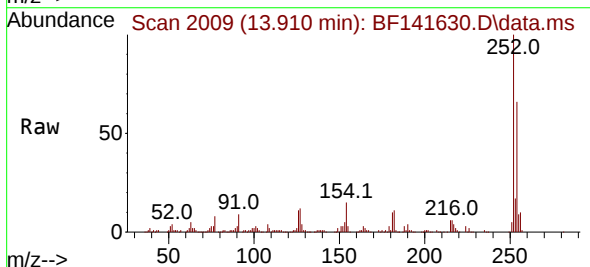
Tgt Ion:228 Resp: 772840
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.6

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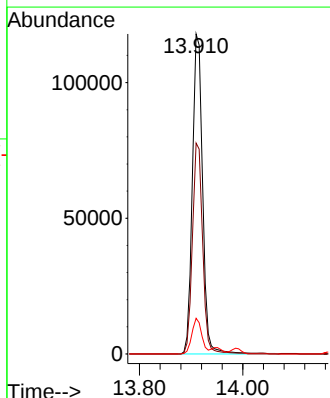
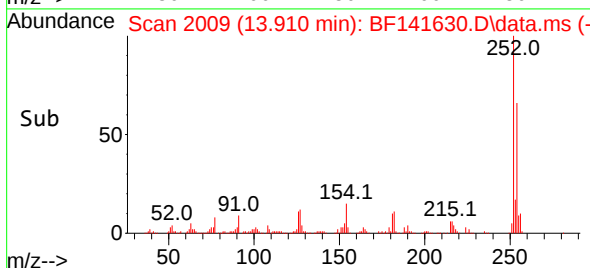
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

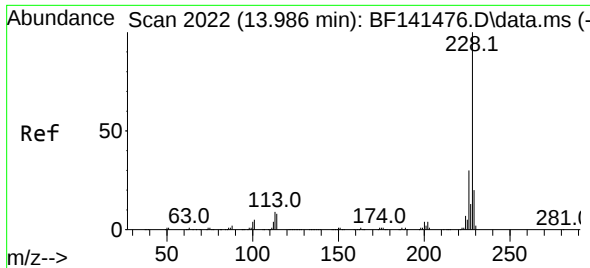


#82
3,3'-Dichlorobenzidine
Concen: 31.600 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:252 Resp: 162575
Ion Ratio Lower Upper
252 100
254 65.9 50.6 76.0
126 11.2 9.3 13.9





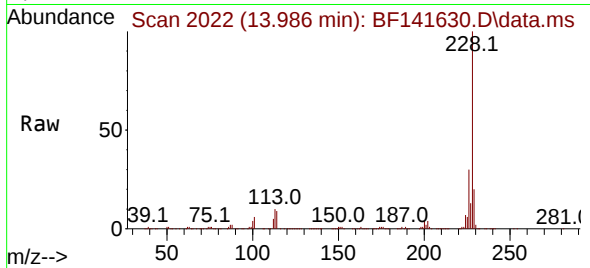
#83
Chrysene
Concen: 42.987 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

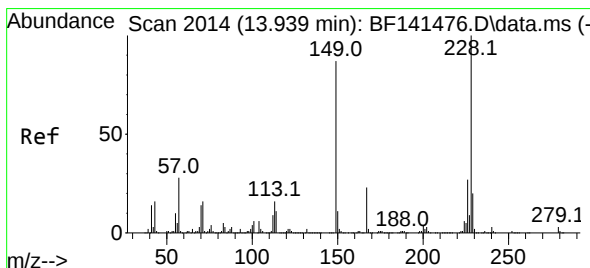
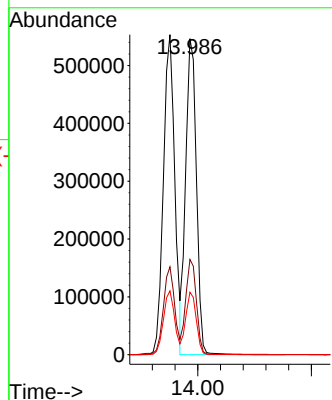
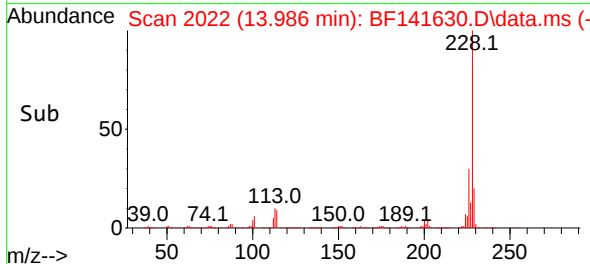


Tgt Ion:228 Resp: 712862
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.7 15.7 23.5

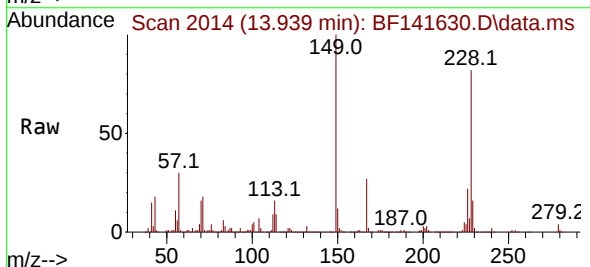
Manual Integrations

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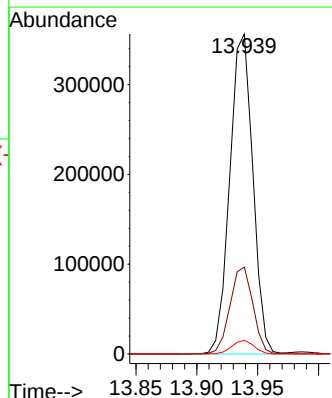
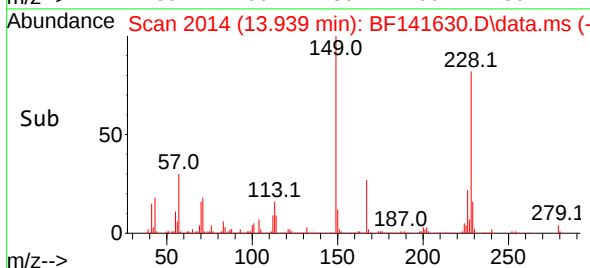
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

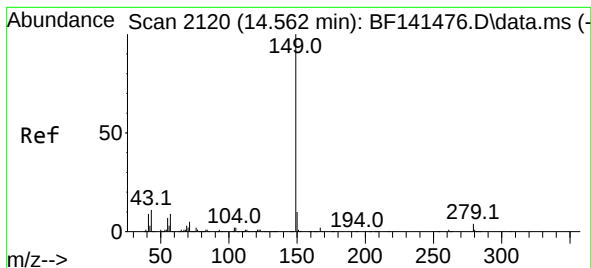


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.257 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:149 Resp: 469530
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 52.993 ng

RT: 14.574 min Scan# 2120

Delta R.T. 0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

Tgt Ion:149 Resp: 67926

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

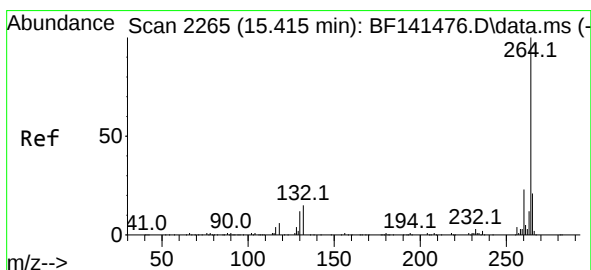
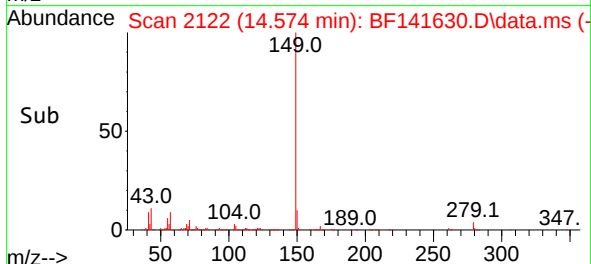
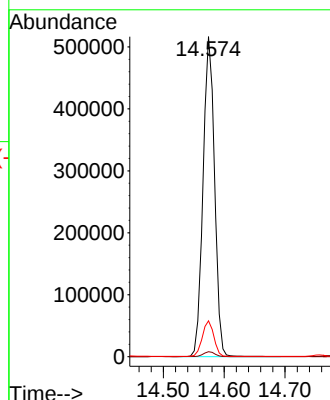
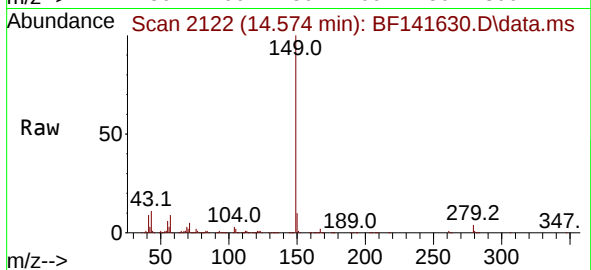
43 11.1 9.5 14.3

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

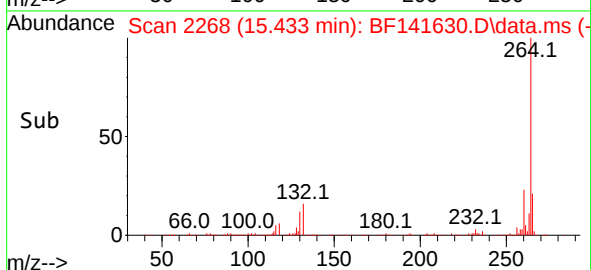
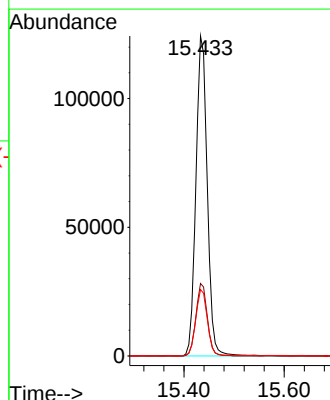
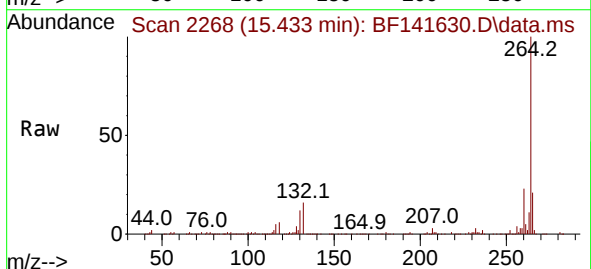
Tgt Ion:264 Resp: 194810

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.937 ng

RT: 16.886 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

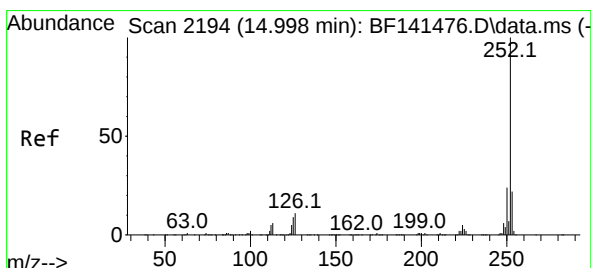
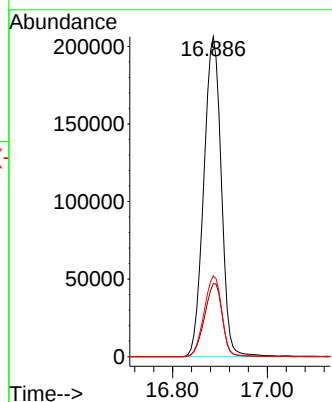
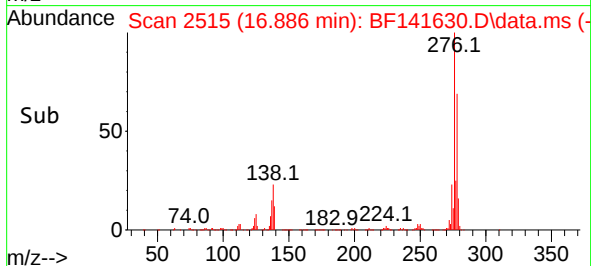
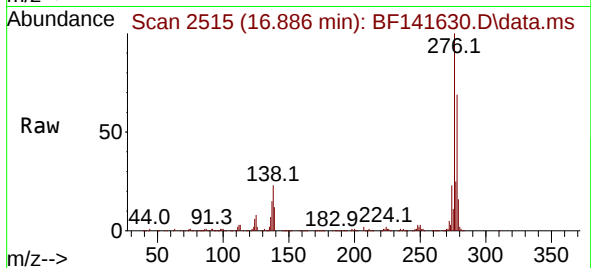
ClientSampleId :

PB166711BS

Tgt Ion:276 Resp: 52887
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.0 27.0
 277 25.6 20.4 30.6

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



#88

Benzo(b)fluoranthene

Concen: 47.599 ng

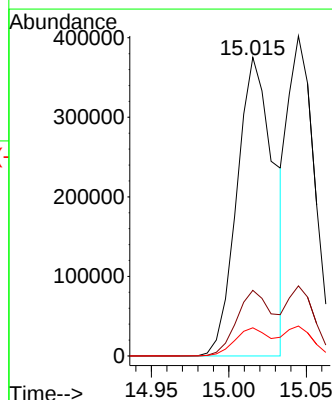
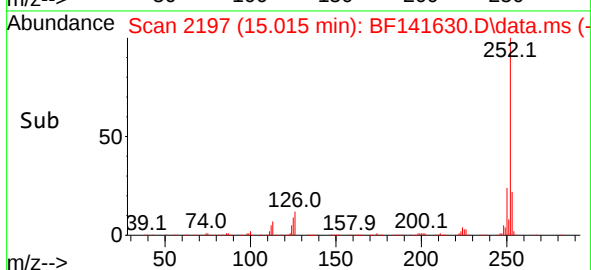
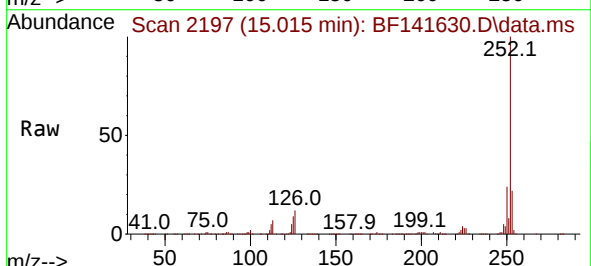
RT: 15.015 min Scan# 2197

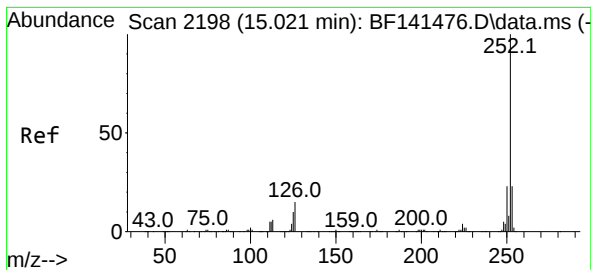
Delta R.T. 0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Tgt Ion:252 Resp: 622615
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.196 ng

RT: 15.045 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166711BS

Tgt Ion:252 Resp: 48248

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

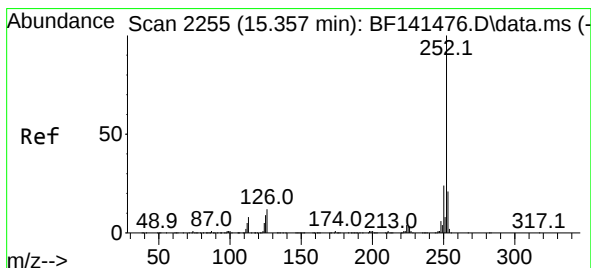
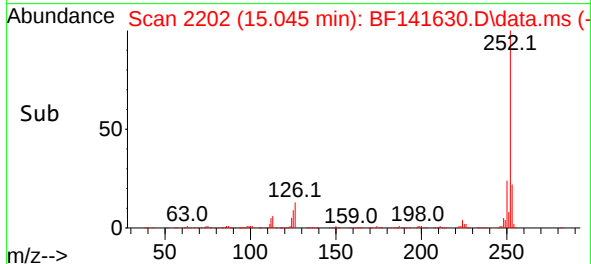
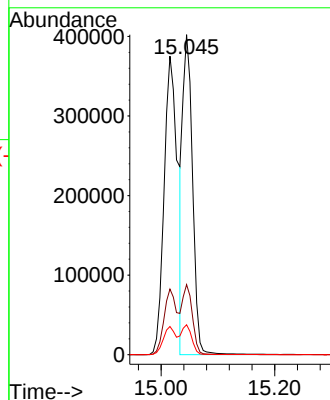
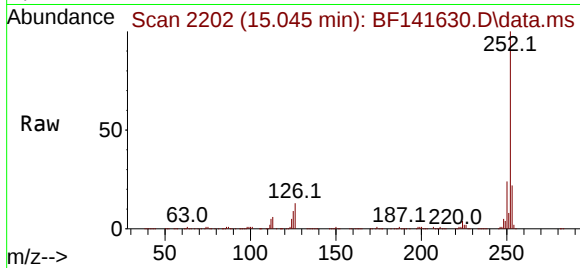
125 9.3 7.4 11.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#90

Benzo(a)pyrene

Concen: 46.622 ng

RT: 15.374 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF141630.D

Acq: 14 Feb 2025 10:55

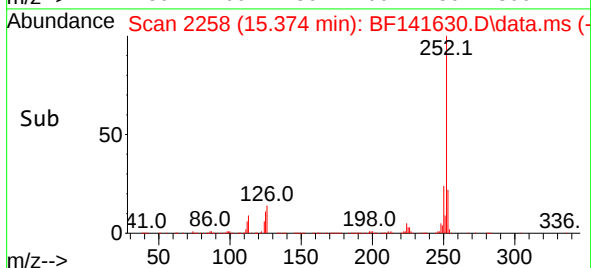
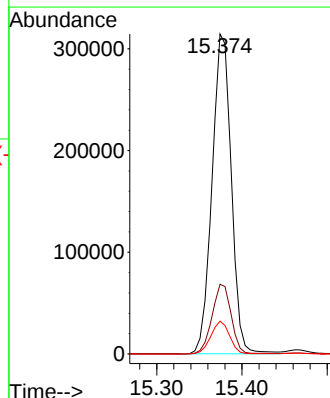
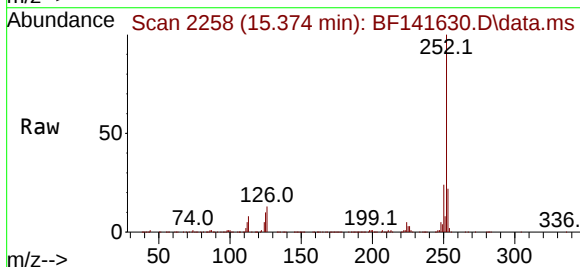
Tgt Ion:252 Resp: 493463

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

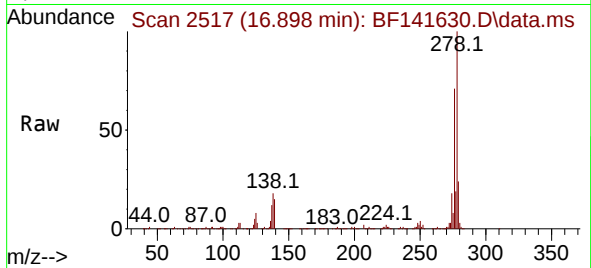
125 10.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 43.432 ng
RT: 16.898 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55

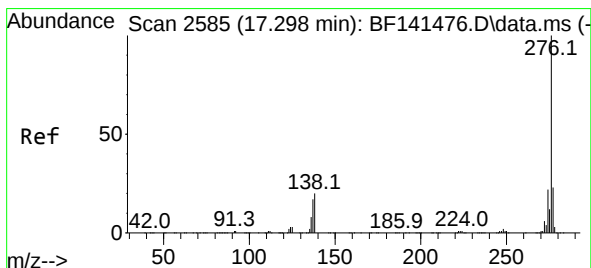
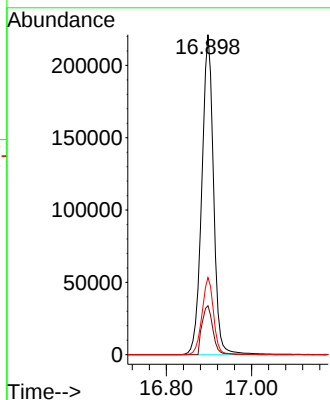
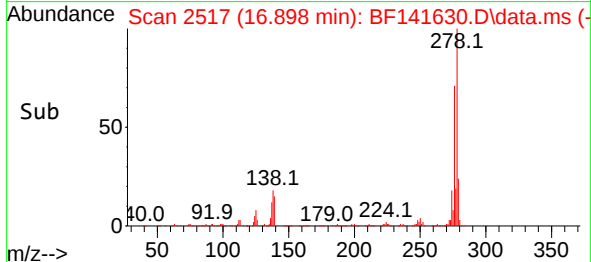
Instrument :
BNA_F
ClientSampleId :
PB166711BS



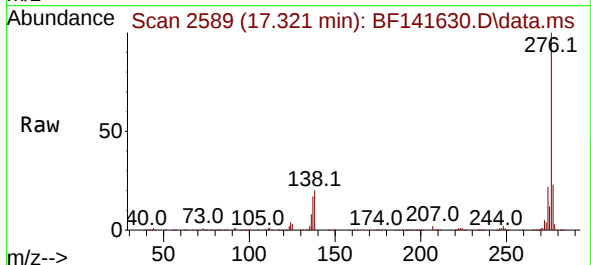
Tgt Ion:278 Resp: 423612
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 24.1 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.250 ng
RT: 17.321 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF141630.D
Acq: 14 Feb 2025 10:55



Tgt Ion:276 Resp: 421022
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 20.1 15.9 23.9

