

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142125.D
 Acq On : 27 Mar 2025 14:38
 Operator : RC/JU
 Sample : Q1645-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 27 15:05:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	118931	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	428651	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	240079	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	421857	20.000	ng	0.00
76) Chrysene-d12	14.033	240	270603	20.000	ng	0.00
86) Perylene-d12	15.510	264	302888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	807674	113.341	ng	0.00
7) Phenol-d6	6.498	99	999127	110.120	ng	0.00
23) Nitrobenzene-d5	7.434	82	650597	85.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	375780	123.380	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1242403	78.702	ng	-0.01
79) Terphenyl-d14	12.980	244	1438911	78.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	126662	42.421	ng	97
3) Pyridine	3.434	79	344324	47.013	ng	97
4) n-Nitrosodimethylamine	3.381	42	151391	43.362	ng	91
6) Aniline	6.534	93	255002	28.490	ng	99
8) 2-Chlorophenol	6.657	128	384383	48.636	ng	97
9) Benzaldehyde	6.422	77	245382	48.358	ng	97
10) Phenol	6.510	94	457747	47.956	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	332329	46.368	ng	97
12) 1,3-Dichlorobenzene	6.810	146	411305	48.205	ng	99
13) 1,4-Dichlorobenzene	6.887	146	421654	48.842	ng	99
14) 1,2-Dichlorobenzene	7.040	146	403225	49.588	ng	98
15) Benzyl Alcohol	7.010	79	328415	44.773	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368509	42.588	ng	99
17) 2-Methylphenol	7.122	107	306558	48.784	ng	99
18) Hexachloroethane	7.381	117	152043	46.966	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	244537	41.945	ng	99
20) 3+4-Methylphenols	7.275	107	383127	47.600	ng	# 81
22) Acetophenone	7.281	105	504066	49.104	ng	99
24) Nitrobenzene	7.451	77	365582	48.280	ng	98
25) Isophorone	7.692	82	642412	47.713	ng	98
26) 2-Nitrophenol	7.769	139	195542	52.616	ng	98
27) 2,4-Dimethylphenol	7.804	122	313727	61.306	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	391299	46.336	ng	98
29) 2,4-Dichlorophenol	8.010	162	310476	48.880	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	344625	49.233	ng	98
31) Naphthalene	8.175	128	1020223	46.334	ng	99
32) Benzoic acid	7.881	122	34243m	7.612	ng	
33) 4-Chloroaniline	8.222	127	136643	17.579	ng	98
34) Hexachlorobutadiene	8.292	225	227475	49.830	ng	99
35) Caprolactam	8.586	113	85476m	44.139	ng	
36) 4-Chloro-3-methylphenol	8.704	107	329805	46.546	ng	98
37) 2-Methylnaphthalene	8.869	142	629321	42.759	ng	99
38) 1-Methylnaphthalene	8.963	142	651028	45.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	360644	49.339	ng	98
41) Hexachlorocyclopentadiene	9.016	237	427558	149.464	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	236165	49.438	ng	99

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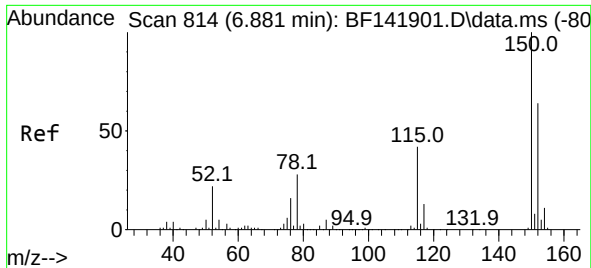
Quant Time: Mar 27 15:05:29 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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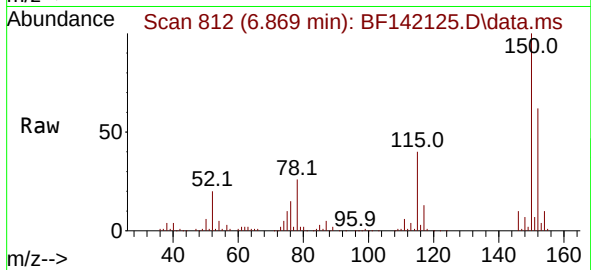
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	245046	50.648	ng	99
46) 1,1'-Biphenyl	9.328	154	870804	47.737	ng	100
47) 2-Chloronaphthalene	9.357	162	667161	49.069	ng	98
48) 2-Nitroaniline	9.451	65	196504	49.916	ng	96
49) Acenaphthylene	9.769	152	1053858	52.232	ng	100
50) Dimethylphthalate	9.628	163	790228	47.003	ng	100
51) 2,6-Dinitrotoluene	9.692	165	177926	50.830	ng	91
52) Acenaphthene	9.945	154	670697	47.302	ng	99
53) 3-Nitroaniline	9.857	138	98500	27.741	ng	98
54) 2,4-Dinitrophenol	9.969	184	63531	35.892	ng	# 48
55) Dibenzofuran	10.116	168	942951	46.542	ng	98
56) 4-Nitrophenol	10.022	139	257427	96.137	ng	96
57) 2,4-Dinitrotoluene	10.098	165	248908	54.443	ng	96
58) Fluorene	10.457	166	753136	48.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	197384	44.834	ng	96
60) Diethylphthalate	10.328	149	764234	45.588	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	388582	47.704	ng	96
62) 4-Nitroaniline	10.475	138	183216	53.001	ng	98
63) Azobenzene	10.610	77	752901	48.308	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	79963	31.796	ng	95
66) n-Nitrosodiphenylamine	10.569	169	656483	48.089	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	254054	47.952	ng	97
68) Hexachlorobenzene	11.004	284	291080	50.094	ng	97
69) Atrazine	11.092	200	234787	56.102	ng	99
70) Pentachlorophenol	11.198	266	198824	55.535	ng	99
71) Phenanthrene	11.422	178	1120873	49.192	ng	99
72) Anthracene	11.475	178	1153378	50.454	ng	100
73) Carbazole	11.627	167	1000454	50.746	ng	99
74) Di-n-butylphthalate	11.951	149	1162000	44.420	ng	99
75) Fluoranthene	12.610	202	1154134	47.750	ng	99
77) Benzidine	12.727	184	313510	83.040	ng	99
78) Pyrene	12.839	202	1149036	49.088	ng	99
80) Butylbenzylphthalate	13.451	149	407688	44.499	ng	98
81) Benzo(a)anthracene	14.027	228	888765	50.051	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	87161	16.985	ng	98
83) Chrysene	14.063	228	778573	48.370	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	466870	36.959	ng	99
85) Di-n-octyl phthalate	14.621	149	737971	41.987	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	885912	45.215	ng	98
88) Benzo(b)fluoranthene	15.080	252	876313	42.214	ng	99
89) Benzo(k)fluoranthene	15.110	252	790523	44.500	ng	99
90) Benzo(a)pyrene	15.451	252	824350	50.752	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	708761	43.843	ng	98
92) Benzo(g,h,i)perylene	17.451	276	636501	39.843	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

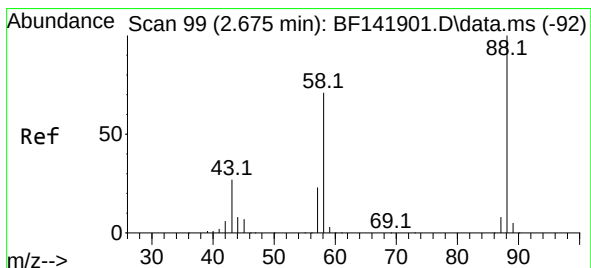
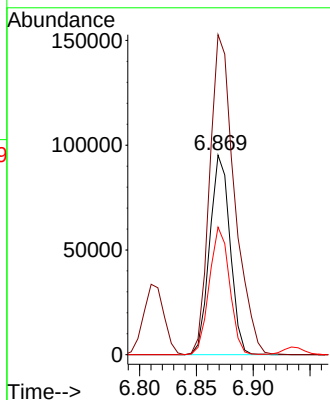
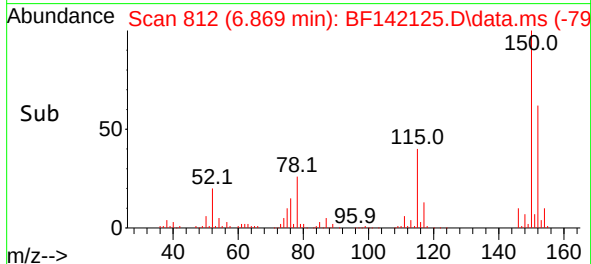
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS



Tgt Ion:152 Resp: 11893
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.4 191.2
 115 63.9 51.9 77.9

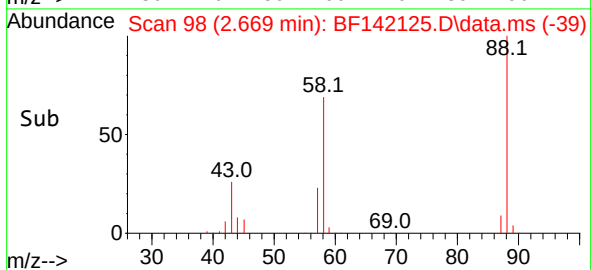
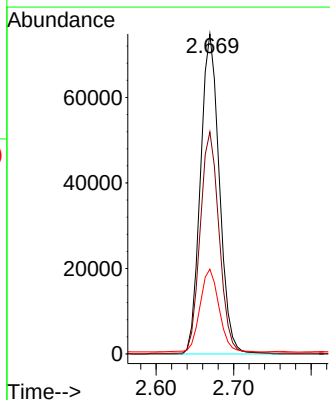
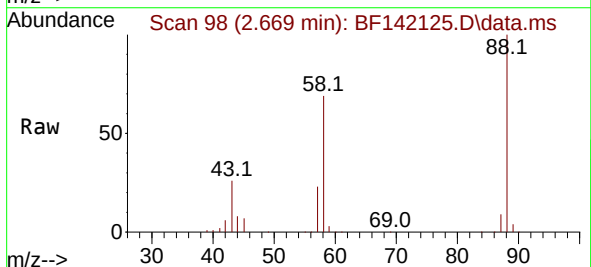
Manual Integrations
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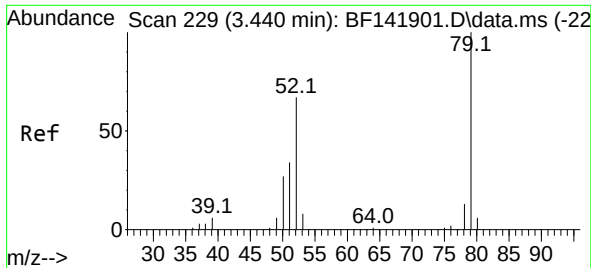
Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#2
 1,4-Dioxane
 Concen: 42.421 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

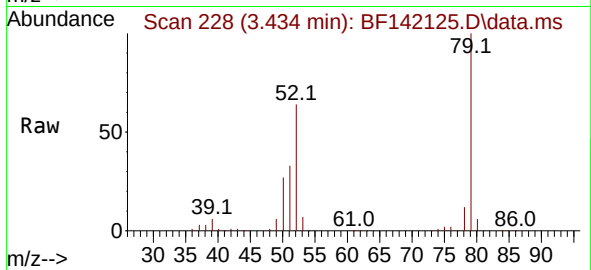
Tgt Ion: 88 Resp: 126662
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 26.0 21.5 32.3





#3
Pyridine
Concen: 47.013 ng
RT: 3.434 min Scan# 219
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

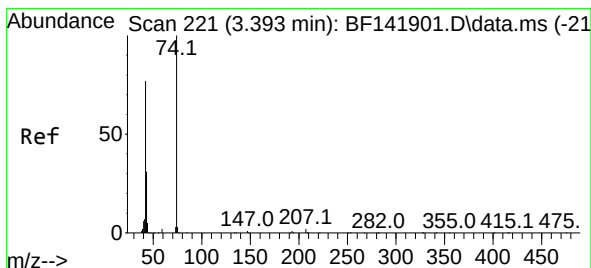
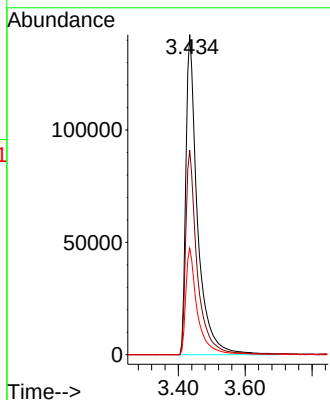
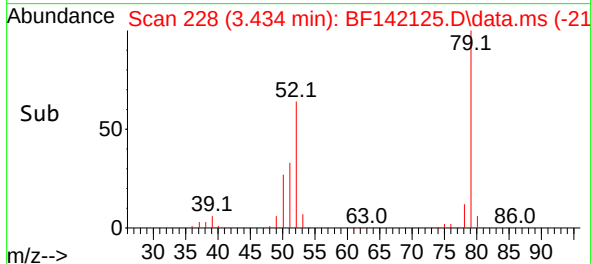
Instrument :
BNA_F
ClientSampleId :
TP-4MS



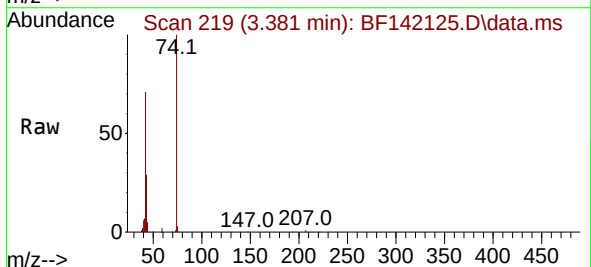
Tgt Ion: 79 Resp: 344324
Ion Ratio Lower Upper
79 100
52 64.0 53.3 79.9
51 33.3 27.6 41.4

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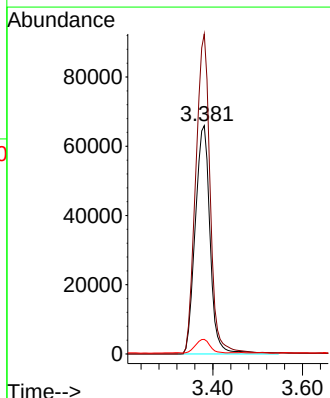
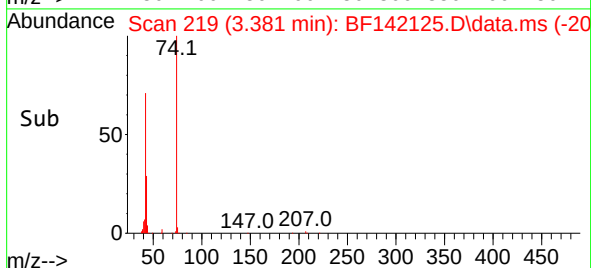
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

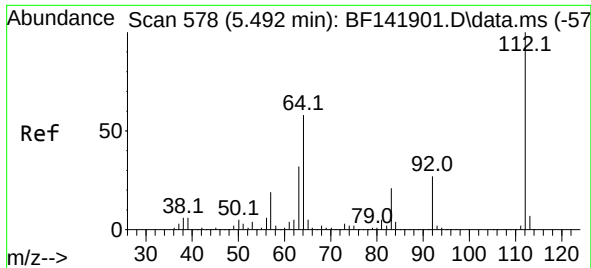


#4
n-Nitrosodimethylamine
Concen: 43.362 ng
RT: 3.381 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



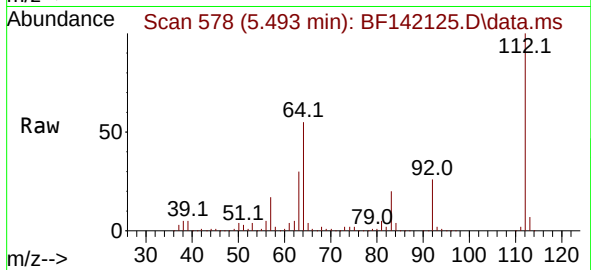
Tgt Ion: 42 Resp: 151391
Ion Ratio Lower Upper
42 100
74 140.2 103.4 155.0
44 6.4 5.0 7.4





#5
2-Fluorophenol
Concen: 113.341 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

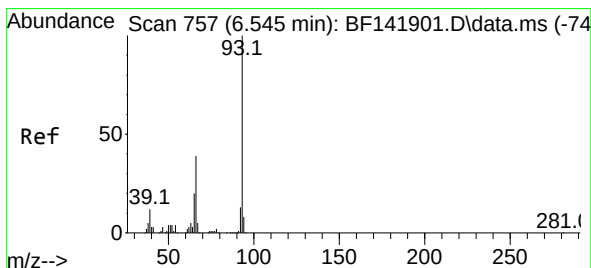
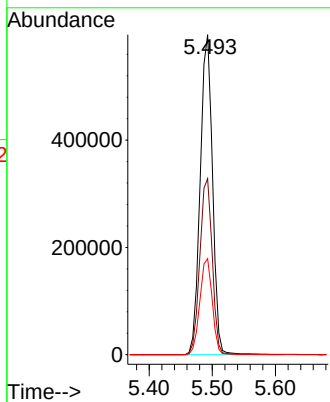
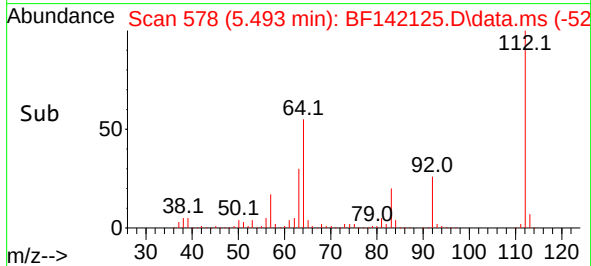
Instrument :
BNA_F
ClientSampleId :
TP-4MS



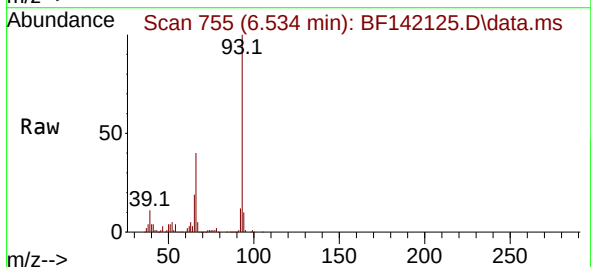
Tgt Ion:112 Resp: 807674
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 30.0 25.4 38.2

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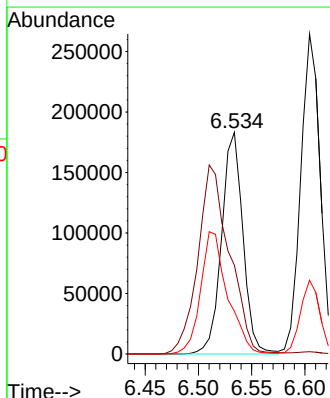
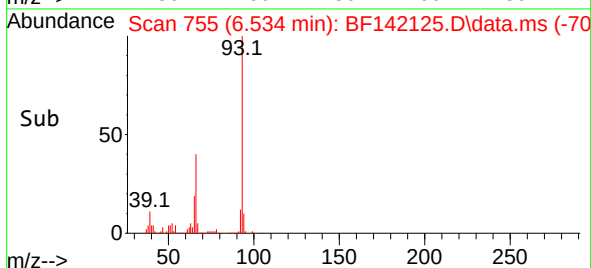
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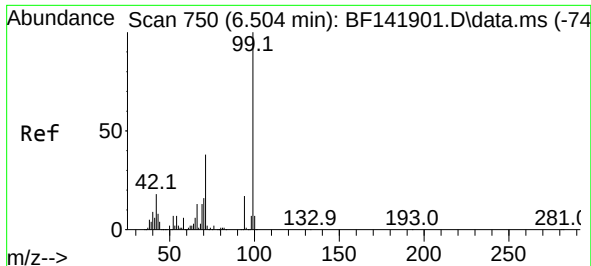


#6
Aniline
Concen: 28.490 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion: 93 Resp: 255002
Ion Ratio Lower Upper
93 100
66 40.1 31.9 47.9
65 19.3 15.8 23.6





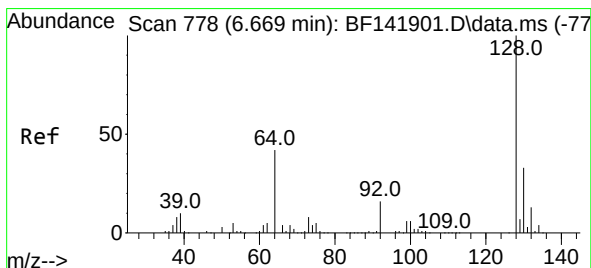
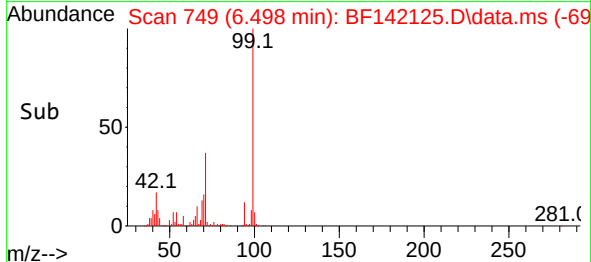
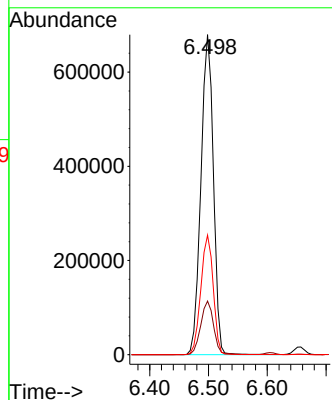
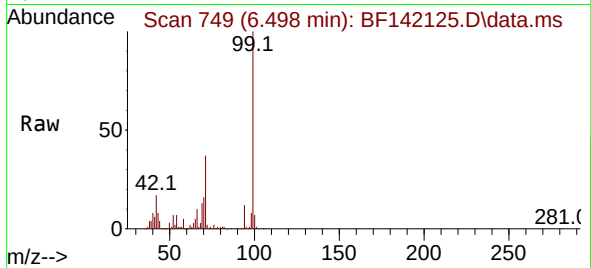
#7
Phenol-d6
Concen: 110.120 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion: 99 Resp: 99912
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.4 30.8 46.2

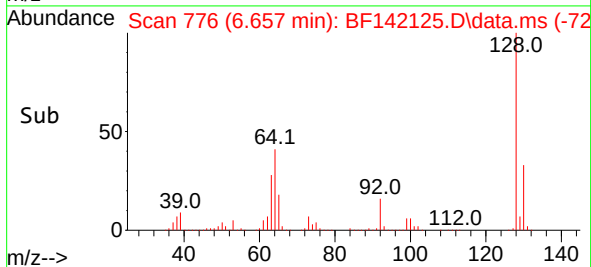
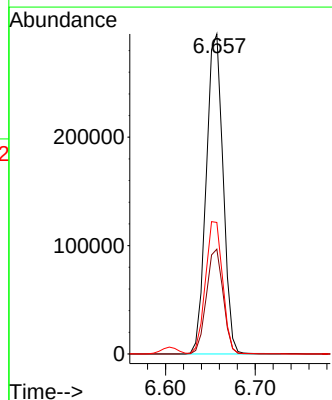
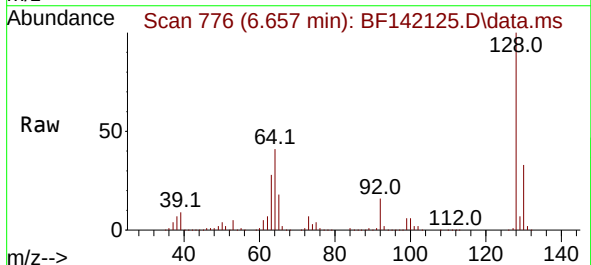
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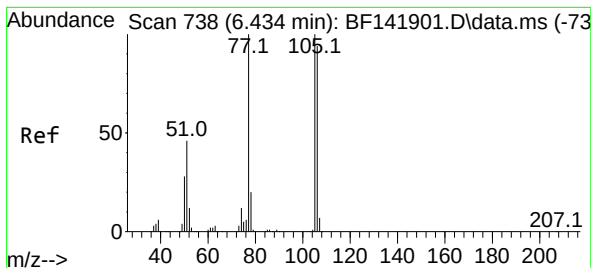
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#8
2-Chlorophenol
Concen: 48.636 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:128 Resp: 384383
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.1 24.4 64.4





#9

Benzaldehyde

Concen: 48.358 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 24538

Ion Ratio Lower Upper

77 100

105 102.3 80.0 120.0

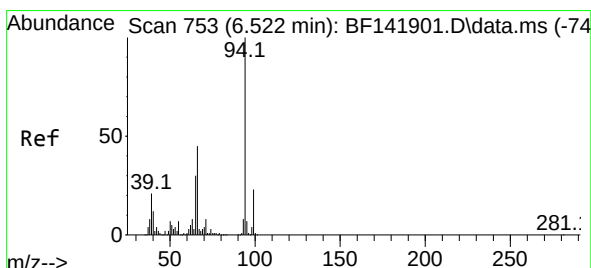
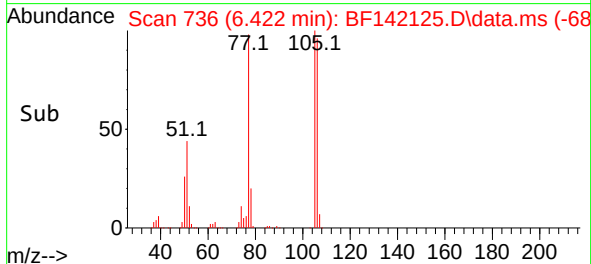
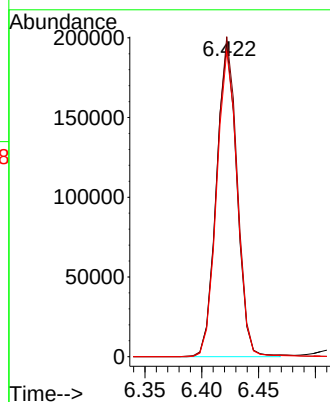
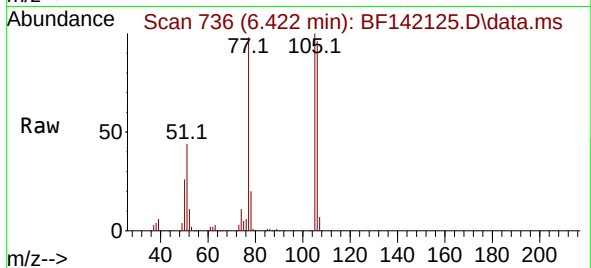
106 97.7 74.5 114.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/01/2025



#10

Phenol

Concen: 47.956 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

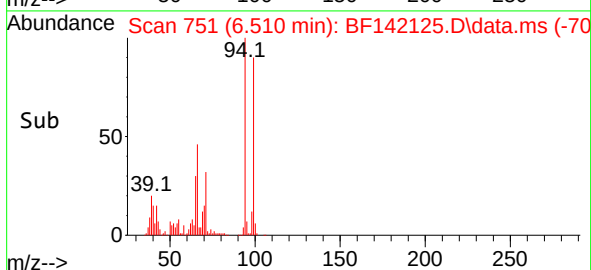
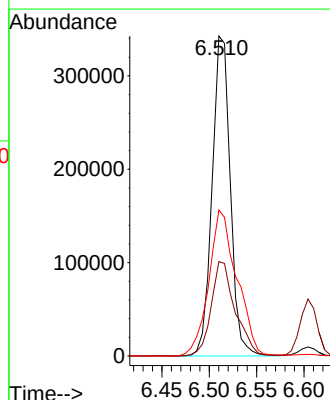
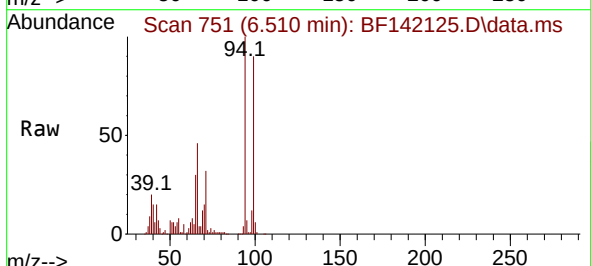
Tgt Ion: 94 Resp: 457747

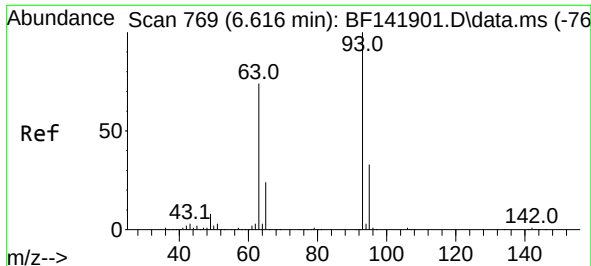
Ion Ratio Lower Upper

94 100

65 29.5 10.5 50.5

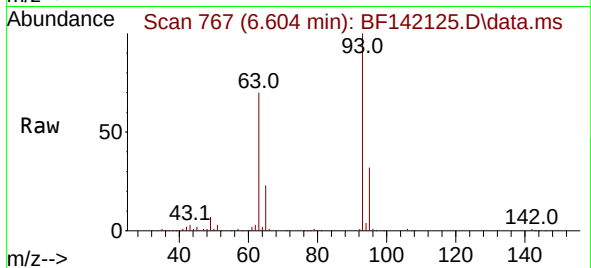
66 45.6 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 46.368 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

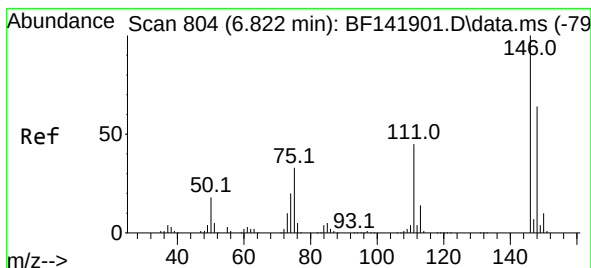
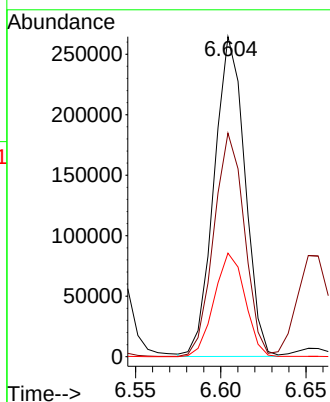
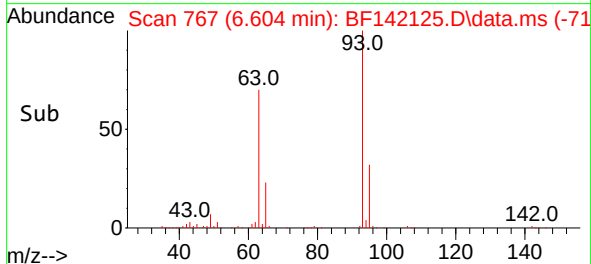
Instrument :
BNA_F
ClientSampleId :
TP-4MS



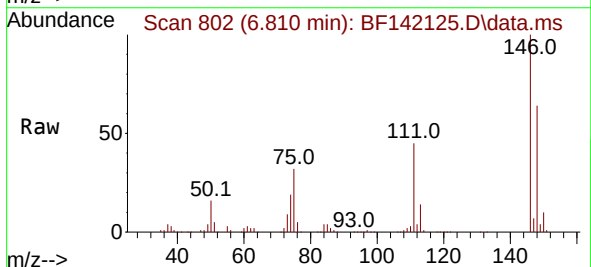
Tgt Ion: 93 Resp: 332329
Ion Ratio Lower Upper
93 100
63 69.9 53.0 93.0
95 32.4 12.9 52.9

Manual Integrations
APPROVED

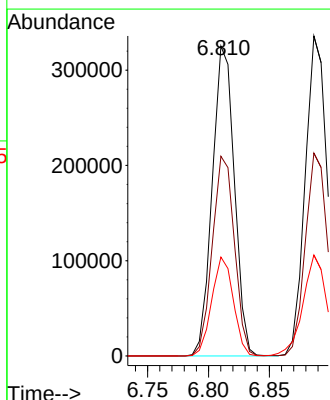
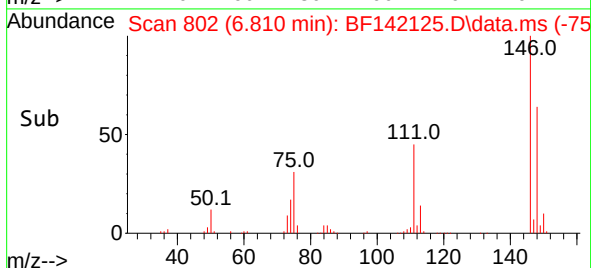
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

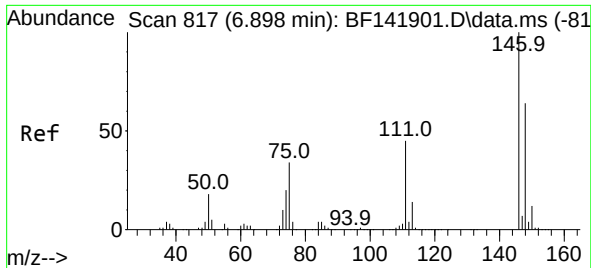


#12
1,3-Dichlorobenzene
Concen: 48.205 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



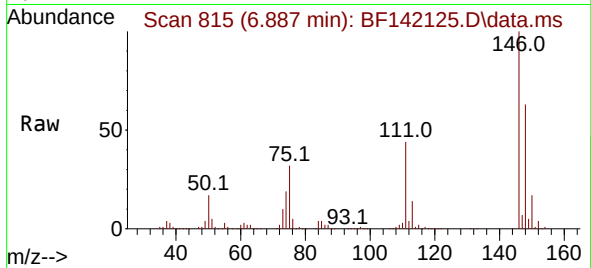
Tgt Ion:146 Resp: 411305
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 31.9 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 48.842 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

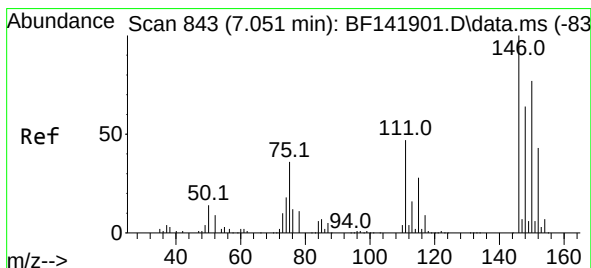
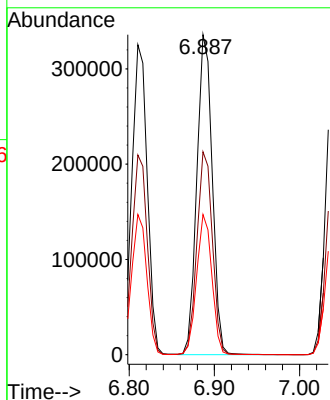
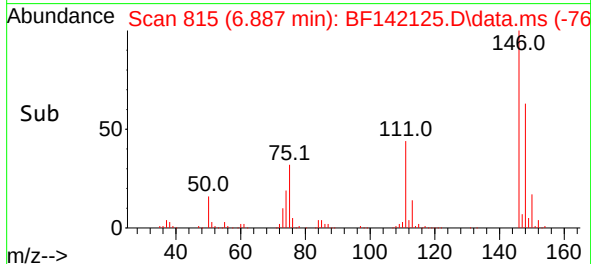
Instrument :
BNA_F
ClientSampleId :
TP-4MS



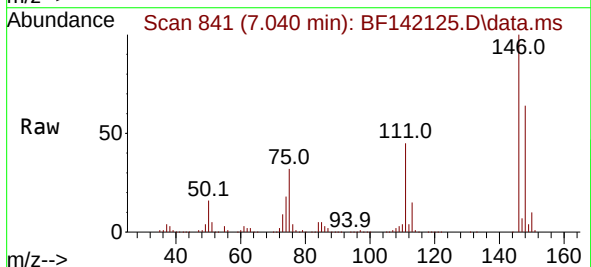
Tgt Ion:146 Resp: 421654
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.8 35.7 53.5

Manual Integrations
APPROVED

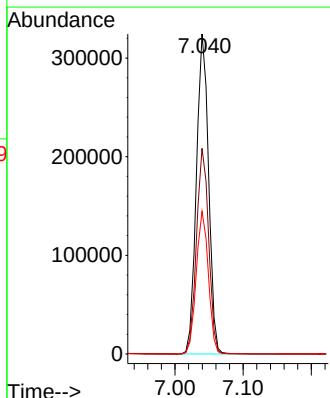
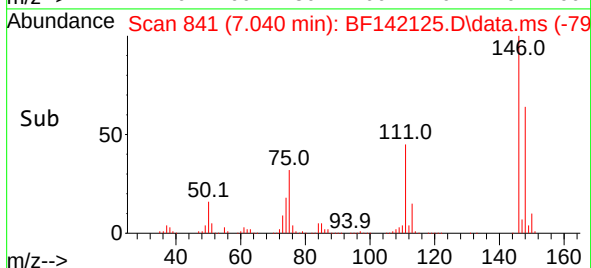
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

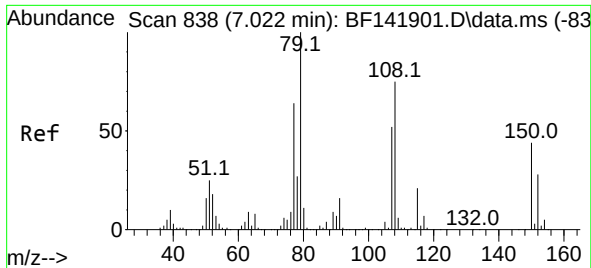


#14
1,2-Dichlorobenzene
Concen: 49.588 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



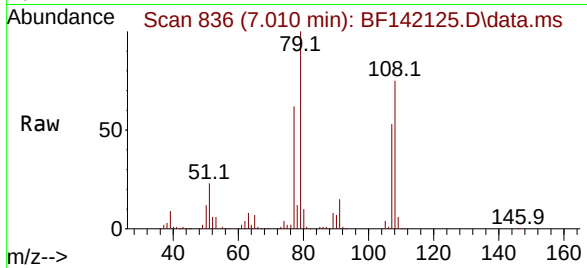
Tgt Ion:146 Resp: 403225
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 44.6 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.773 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

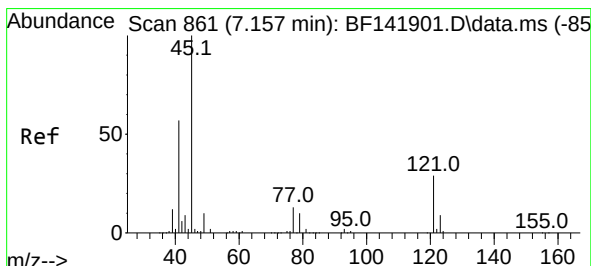
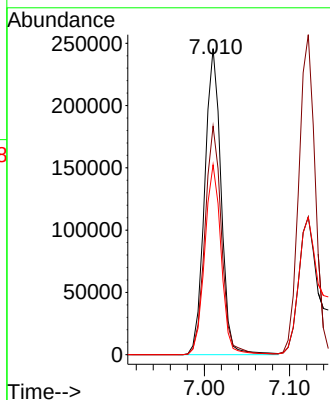
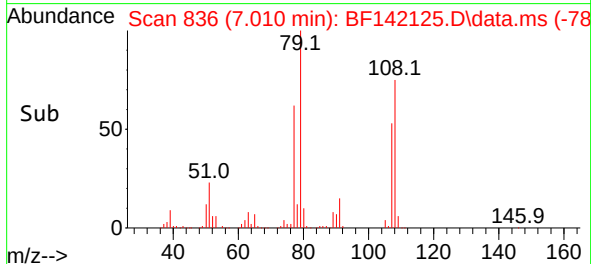
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 79 Resp: 328415
Ion Ratio Lower Upper
79 100
108 74.6 59.7 89.5
77 62.0 51.0 76.6

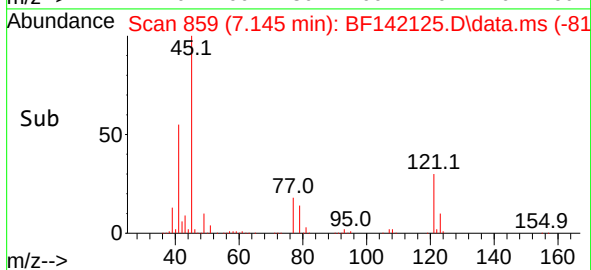
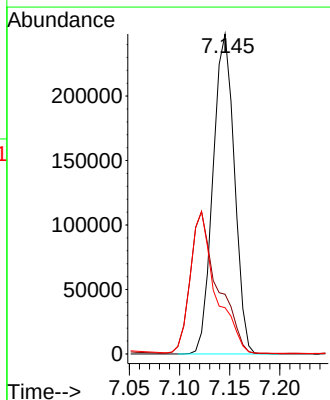
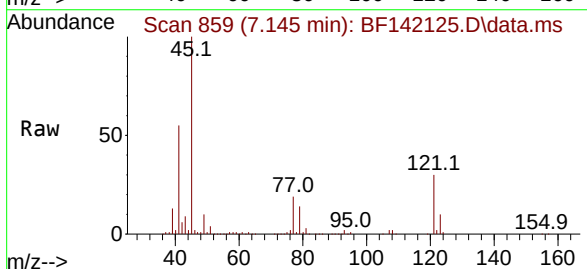
Manual Integrations
APPROVED

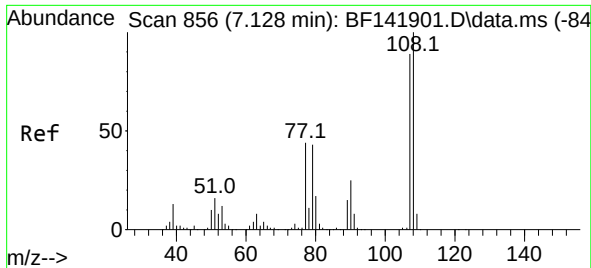
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.588 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

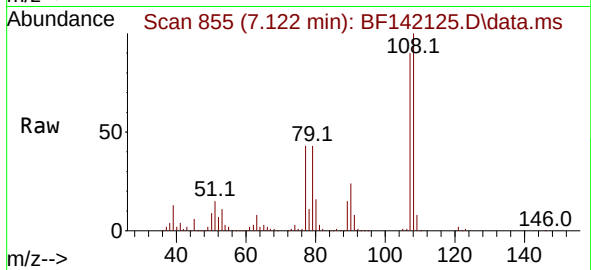
Tgt Ion: 45 Resp: 368509
Ion Ratio Lower Upper
45 100
77 18.7 0.0 37.8
79 14.5 0.0 34.2





#17
2-Methylphenol
Concen: 48.784 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

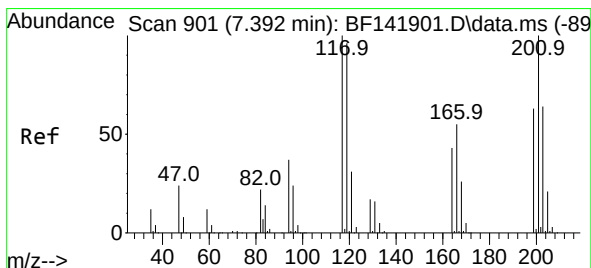
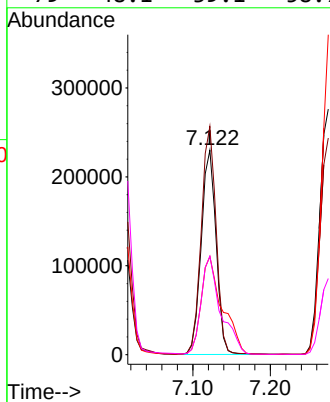
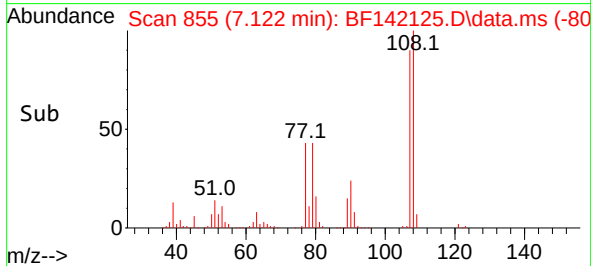
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:107 Resp: 306558
Ion Ratio Lower Upper
107 100
108 111.7 90.2 135.2
77 48.0 39.6 59.4
79 48.1 39.1 58.7

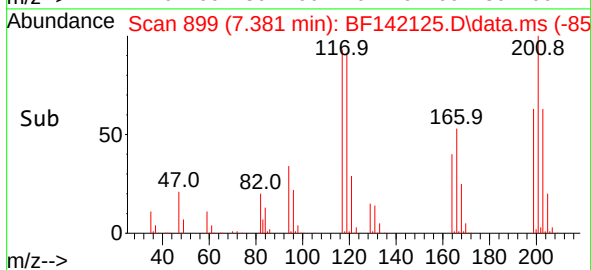
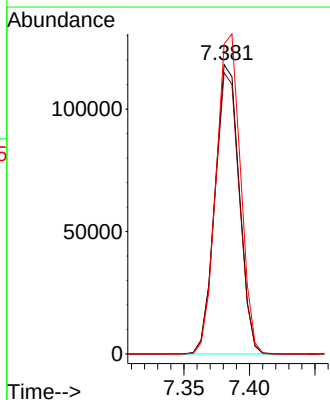
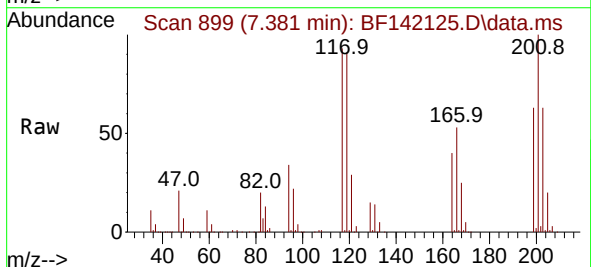
Manual Integrations
APPROVED

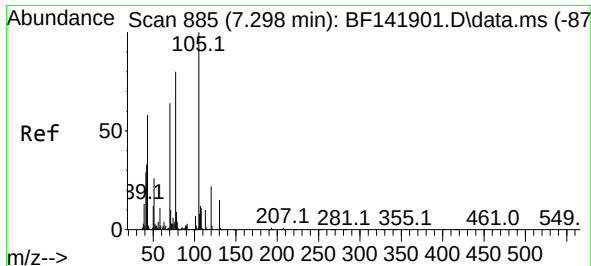
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#18
Hexachloroethane
Concen: 46.966 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

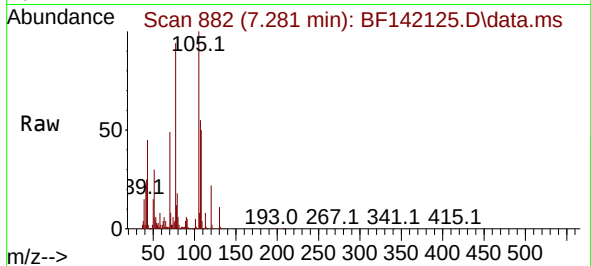
Tgt Ion:117 Resp: 152043
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
201 107.1 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.945 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

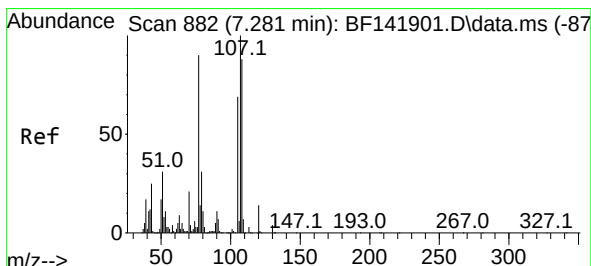
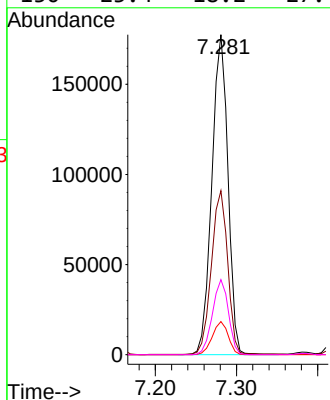
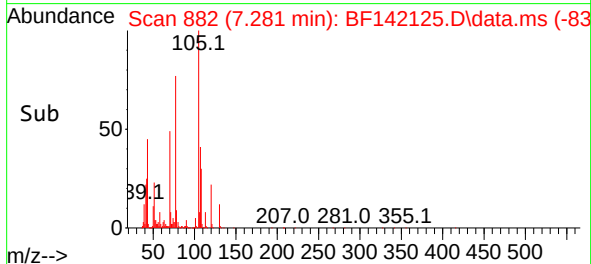
Instrument :
BNA_F
ClientSampleId :
TP-4MS



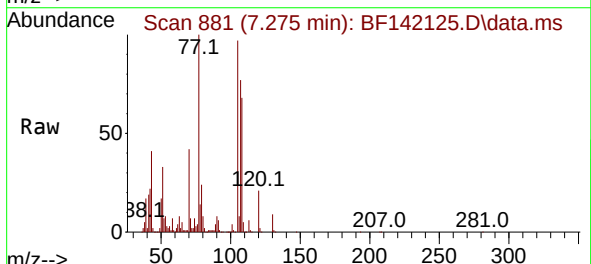
Tgt Ion: 70 Resp: 24453
Ion Ratio Lower Upper
70 100
42 51.2 41.4 62.0
101 10.4 8.2 12.2
130 23.4 18.2 27.4

Manual Integrations
APPROVED

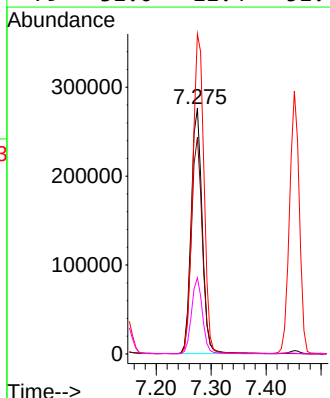
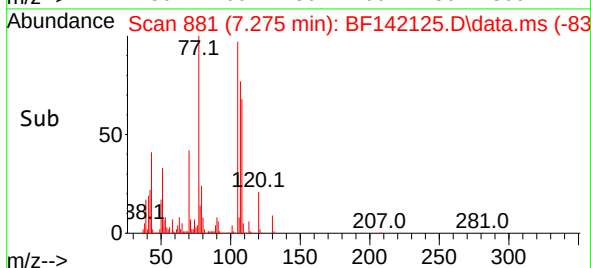
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

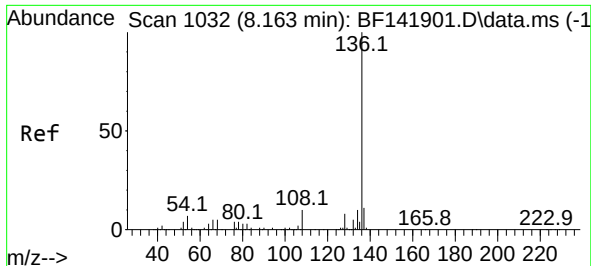


#20
3+4-Methylphenols
Concen: 47.600 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



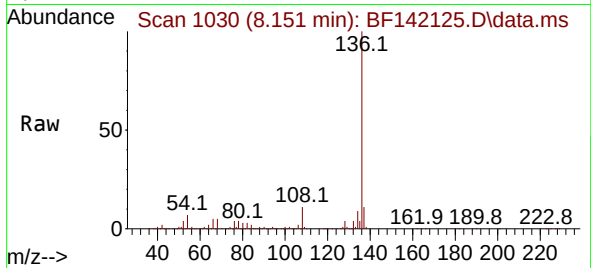
Tgt Ion:107 Resp: 383127
Ion Ratio Lower Upper
107 100
108 88.2 68.4 108.4
77 130.3 69.7 109.7#
79 31.0 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

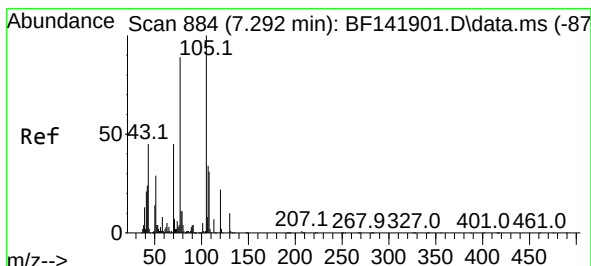
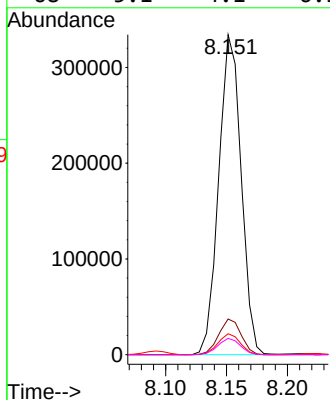
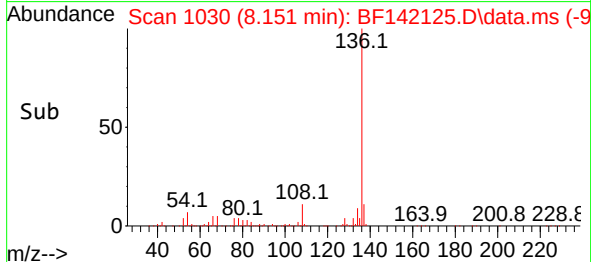
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:136 Resp: 42865
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.8 8.8
68 5.1 4.1 6.1

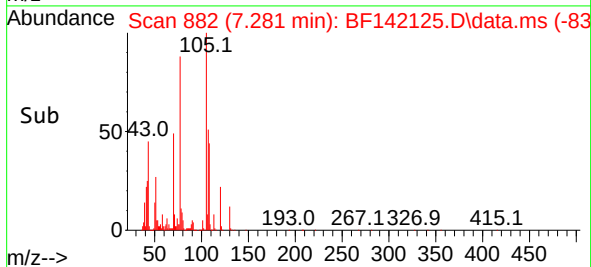
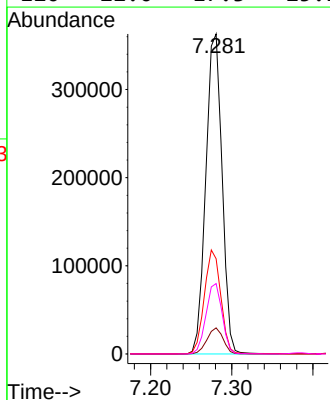
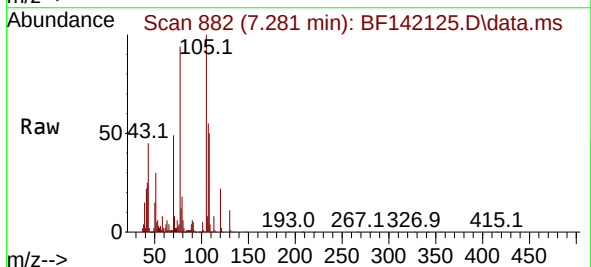
Manual Integrations
APPROVED

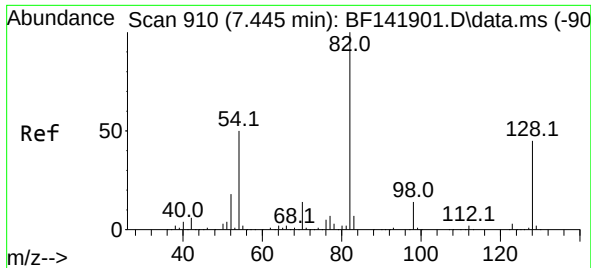
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#22
Acetophenone
Concen: 49.104 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

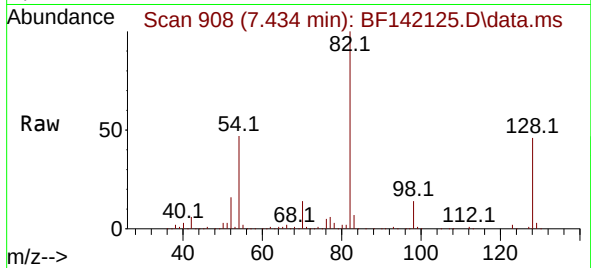
Tgt Ion:105 Resp: 504066
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.8
51 29.7 23.4 35.0
120 22.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 85.414 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

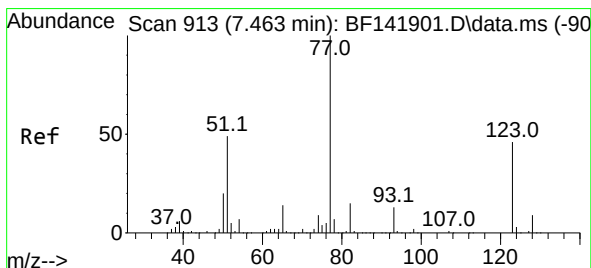
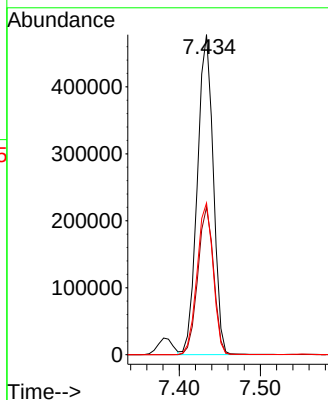
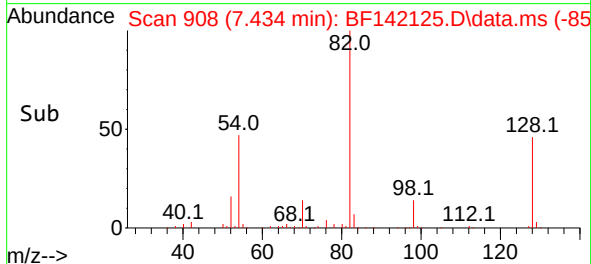
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 82 Resp: 65059
Ion Ratio Lower Upper
82 100
128 46.1 36.0 54.0
54 47.4 39.6 59.4

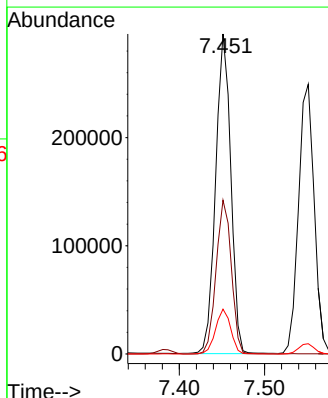
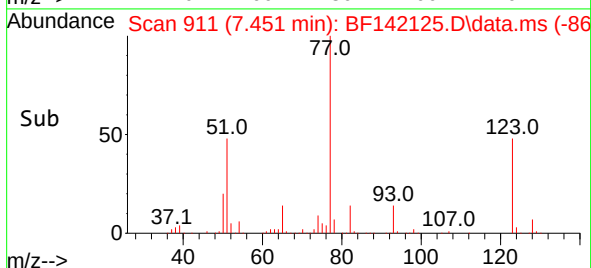
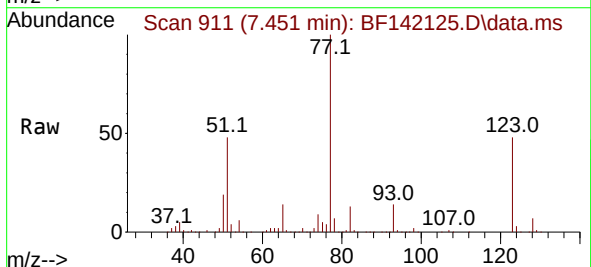
Manual Integrations
APPROVED

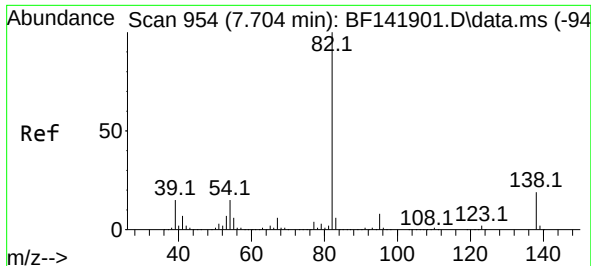
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#24
Nitrobenzene
Concen: 48.280 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 77 Resp: 365582
Ion Ratio Lower Upper
77 100
123 48.0 37.0 55.4
65 14.0 11.3 16.9





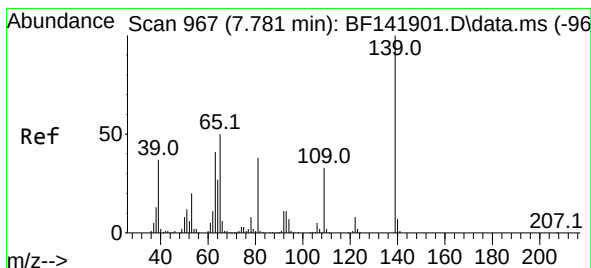
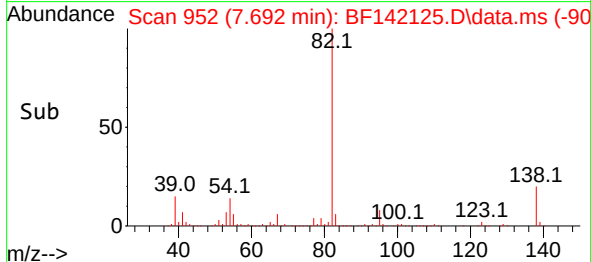
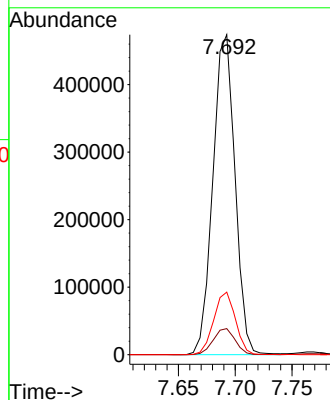
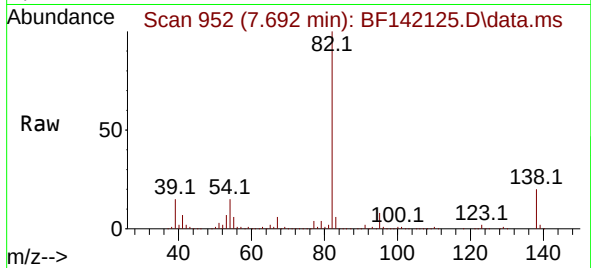
#25
Isophorone
Concen: 47.713 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion: 82 Resp: 64241
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.6 14.9 22.3

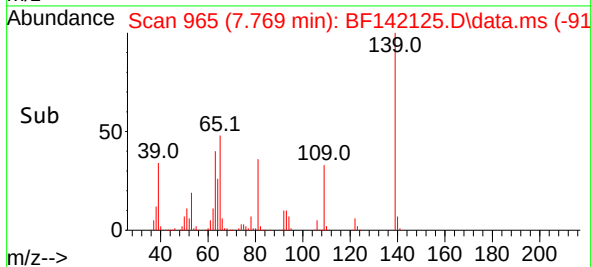
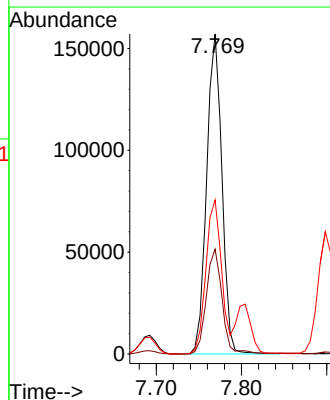
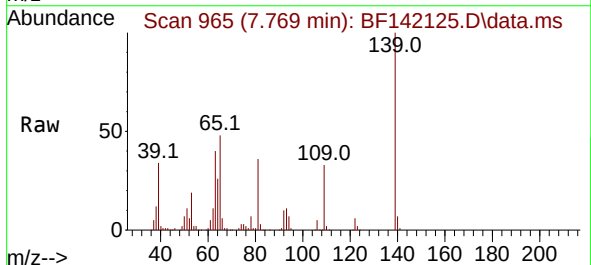
Manual Integrations
APPROVED

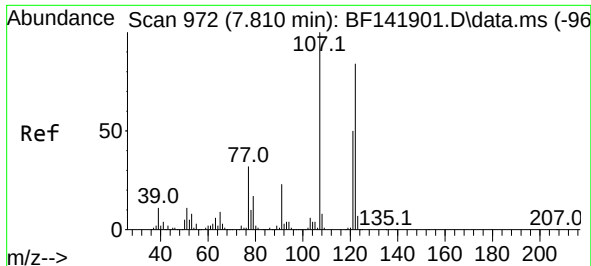
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#26
2-Nitrophenol
Concen: 52.616 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:139 Resp: 195542
Ion Ratio Lower Upper
139 100
109 32.8 26.5 39.7
65 48.1 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 61.306 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142125.D

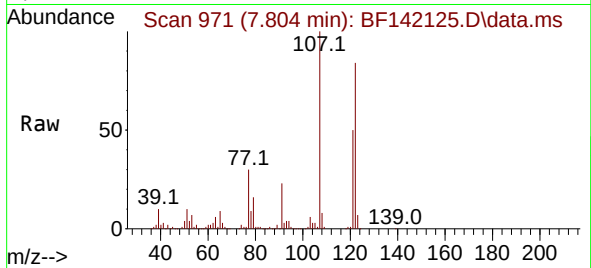
Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:122 Resp: 31372

Ion Ratio Lower Upper

122 100

107 119.7 94.8 142.2

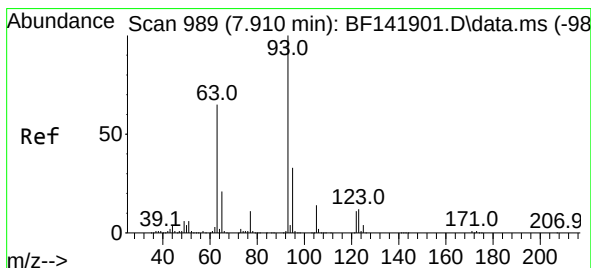
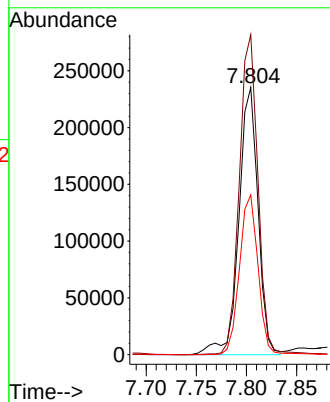
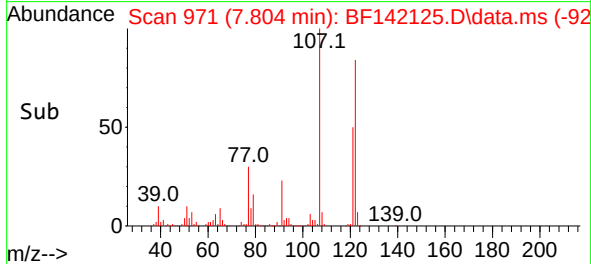
121 59.8 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.336 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

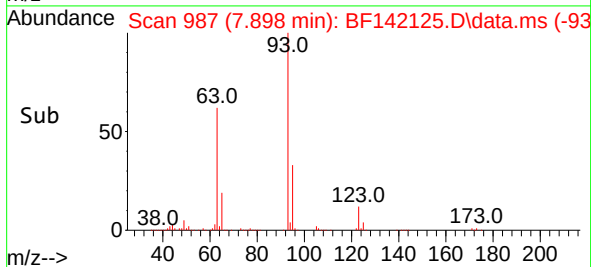
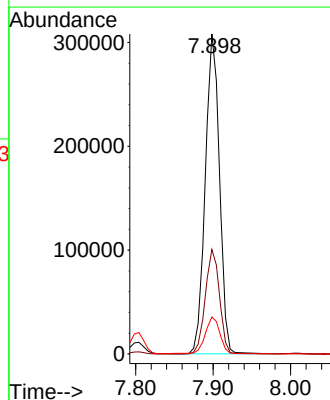
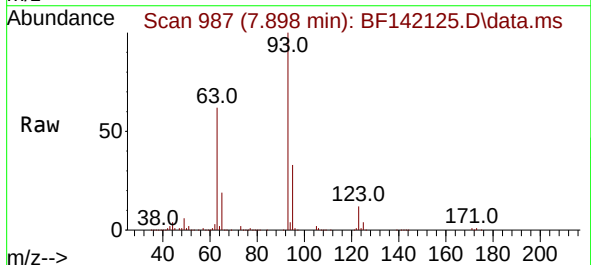
Tgt Ion: 93 Resp: 391299

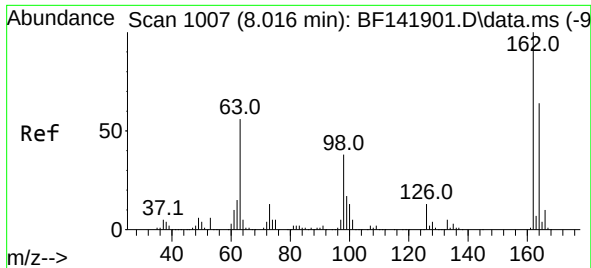
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 11.6 10.2 15.4





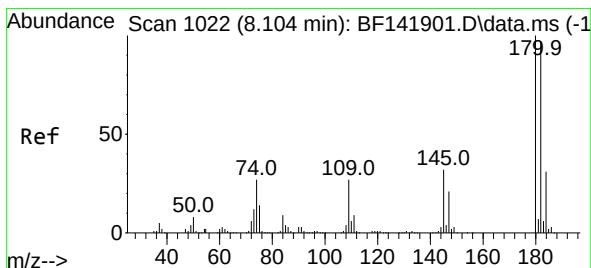
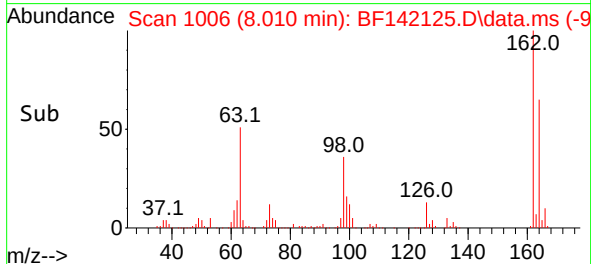
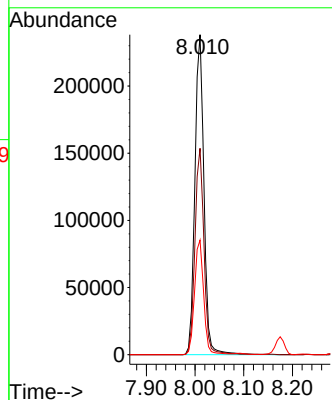
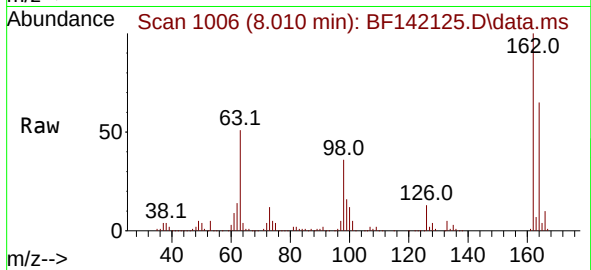
#29
2,4-Dichlorophenol
Concen: 48.880 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:162 Resp: 310470
Ion Ratio Lower Upper
162 100
164 64.5 43.8 83.8
98 35.8 18.1 58.1

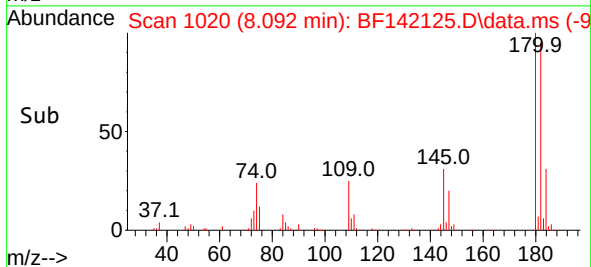
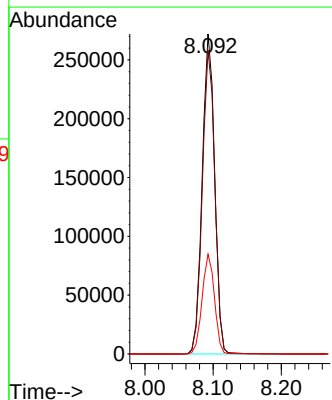
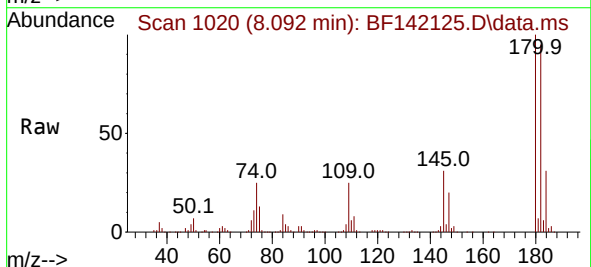
Manual Integrations
APPROVED

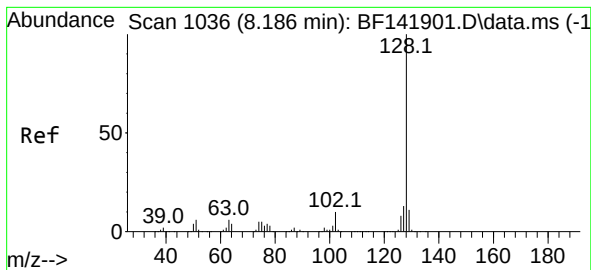
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.233 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

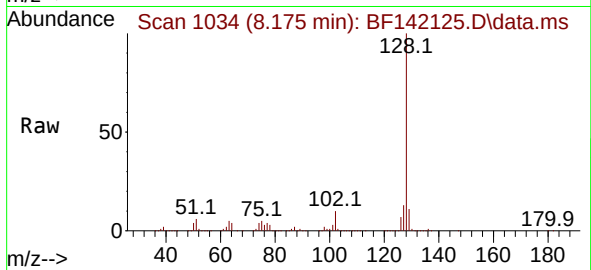
Tgt Ion:180 Resp: 344625
Ion Ratio Lower Upper
180 100
182 94.9 77.5 116.3
145 31.1 25.8 38.6





#31
Naphthalene
Concen: 46.334 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

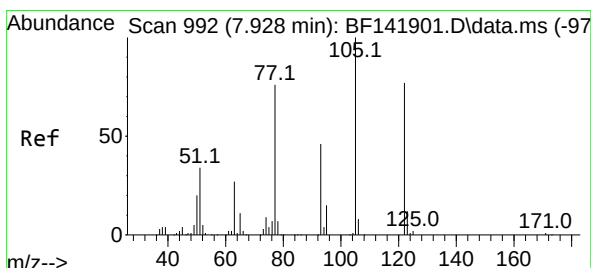
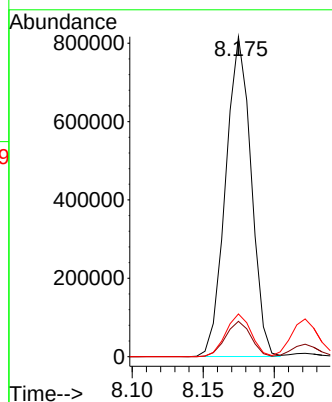
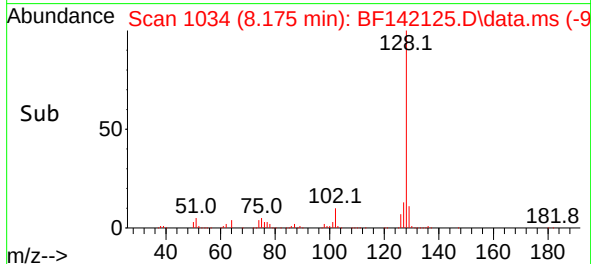
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:128 Resp: 102022
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

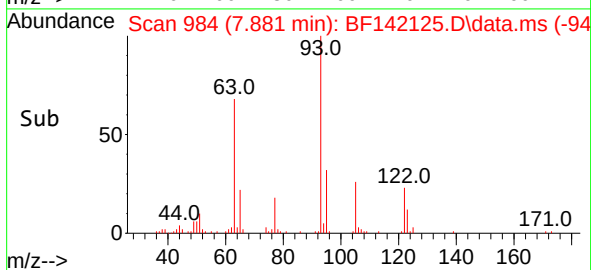
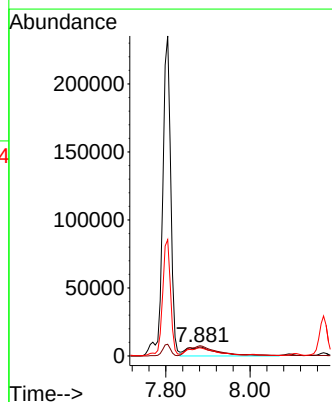
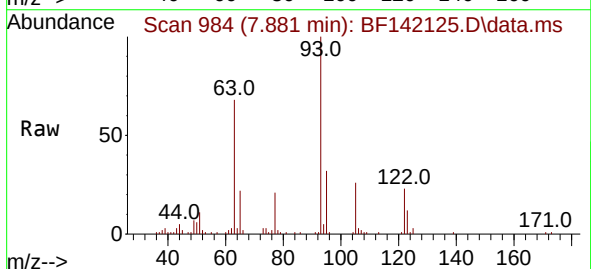
Manual Integrations
APPROVED

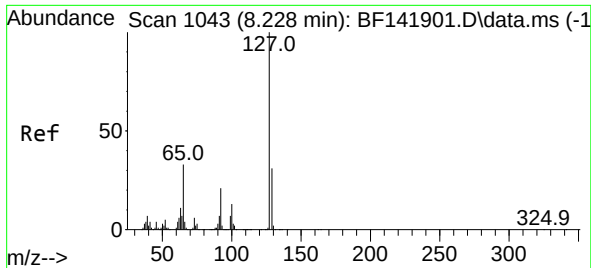
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#32
Benzoic acid
Concen: 7.612 ng m
RT: 7.881 min Scan# 984
Delta R.T. -0.047 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

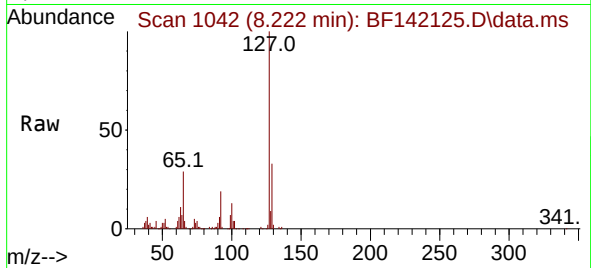
Tgt Ion:122 Resp: 34243
Ion Ratio Lower Upper
122 100
105 113.4 107.9 147.9
77 91.3 79.0 119.0





#33
4-Chloroaniline
Concen: 17.579 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

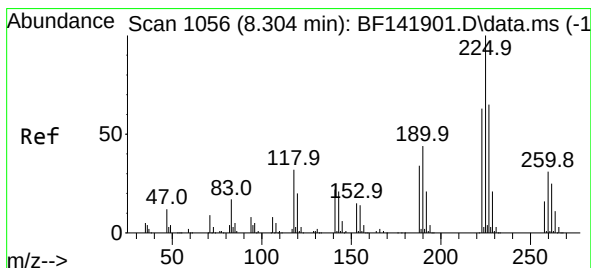
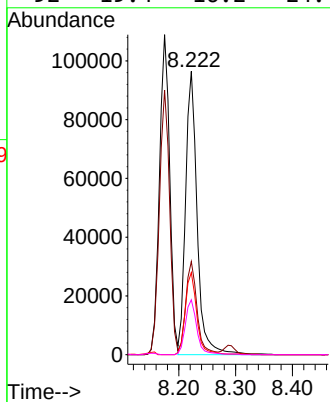
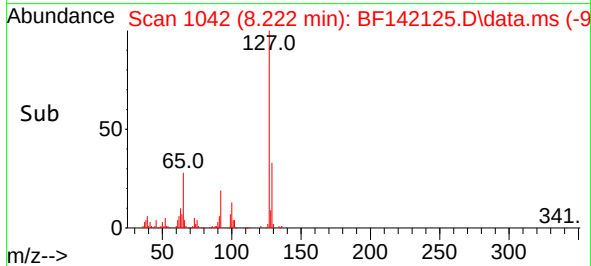
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:127 Resp: 13664
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 29.0 25.4 38.2
92 19.4 16.2 24.4

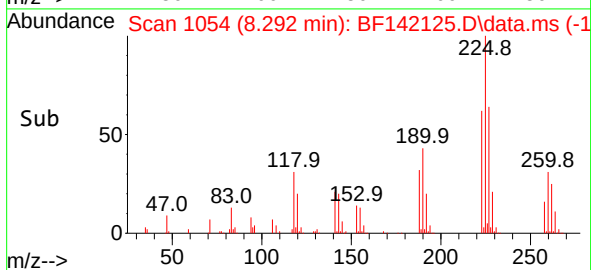
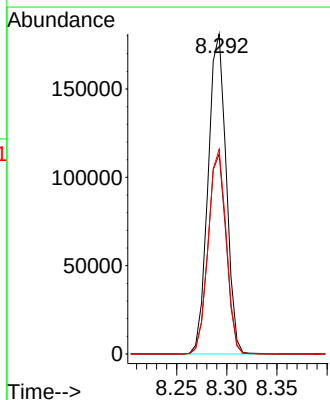
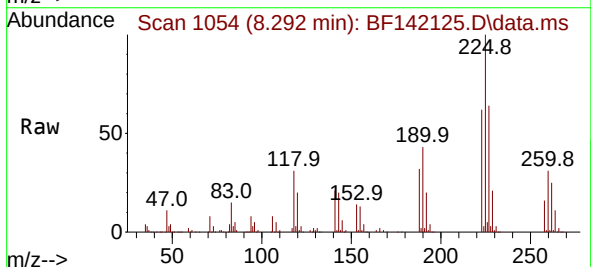
Manual Integrations
APPROVED

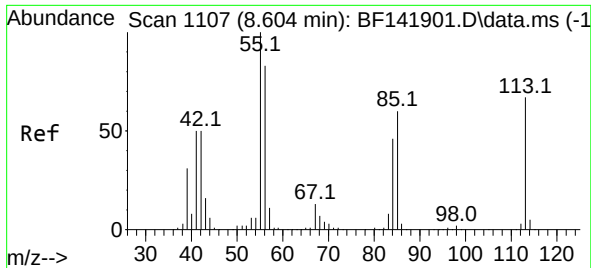
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#34
Hexachlorobutadiene
Concen: 49.830 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

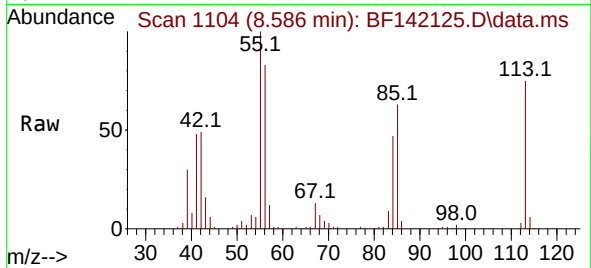
Tgt Ion:225 Resp: 227475
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 64.0 52.2 78.2





#35
Caprolactam
Concen: 44.139 ng m
RT: 8.586 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

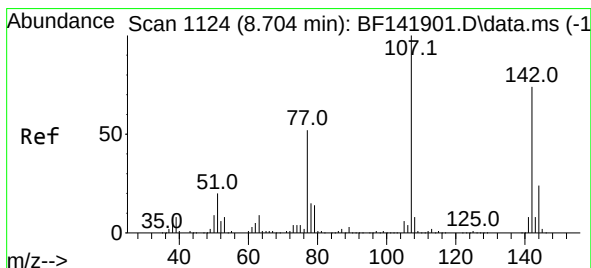
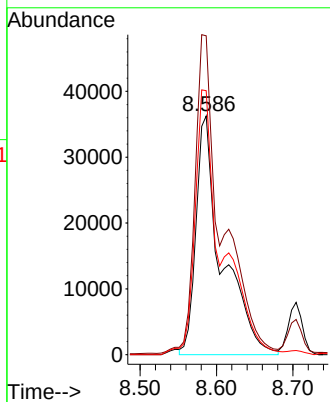
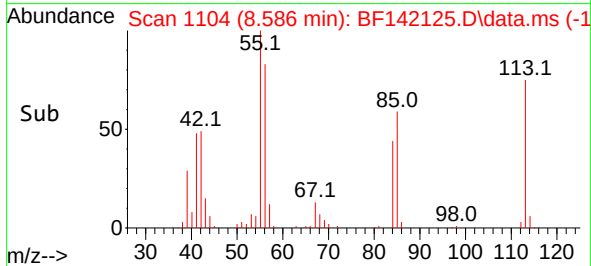
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:113 Resp: 85470
Ion Ratio Lower Upper
113 100
55 133.5 129.6 169.6
56 110.6 104.0 144.0

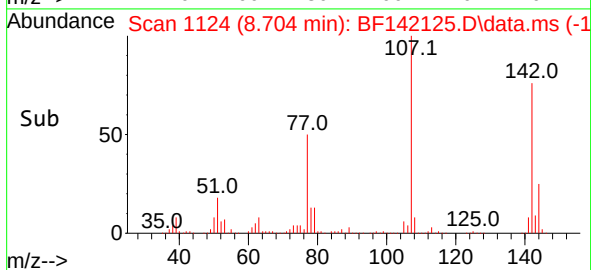
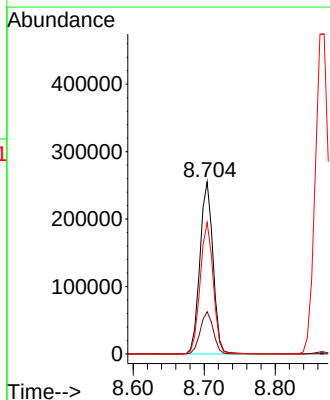
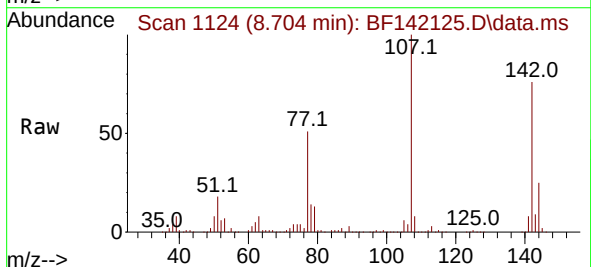
Manual Integrations
APPROVED

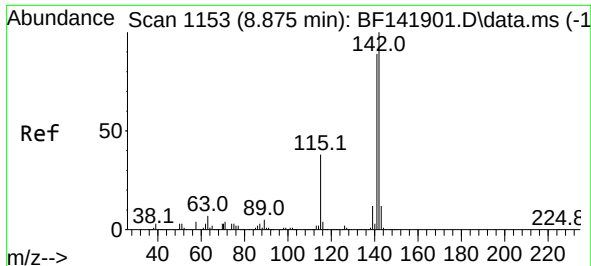
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#36
4-Chloro-3-methylphenol
Concen: 46.546 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:107 Resp: 329805
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 76.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.759 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:142 Resp: 62932

Ion Ratio Lower Upper

142 100

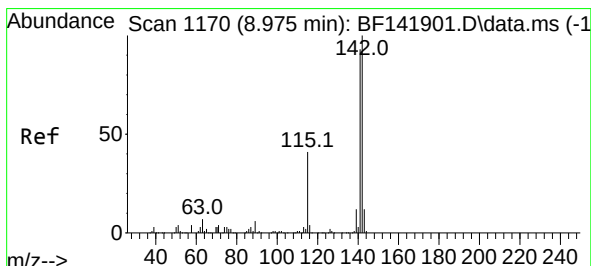
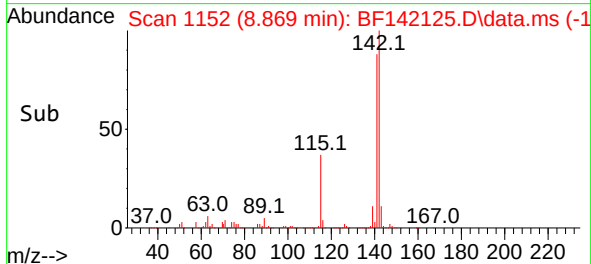
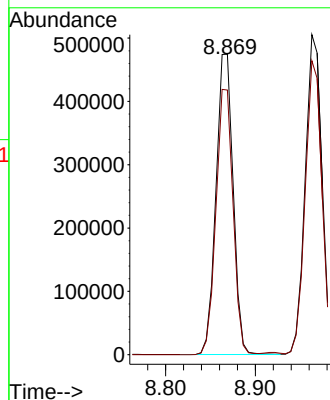
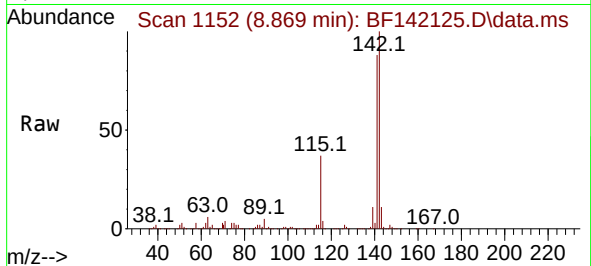
141 88.1 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#38

1-Methylnaphthalene

Concen: 45.839 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.012 min

Lab File: BF142125.D

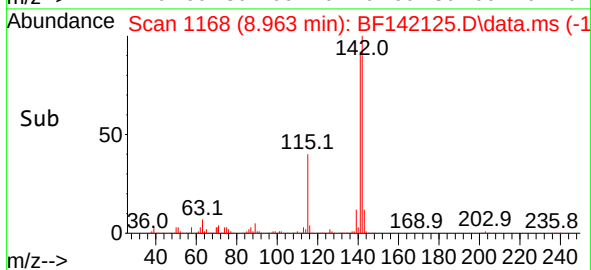
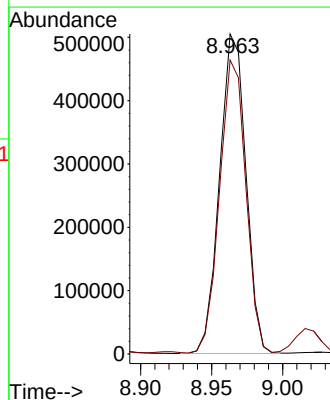
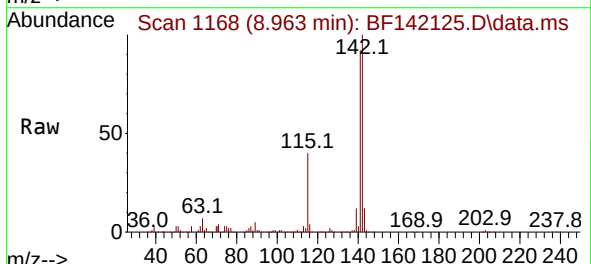
Acq: 27 Mar 2025 14:38

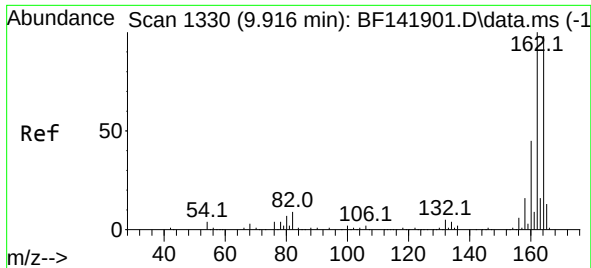
Tgt Ion:142 Resp: 651028

Ion Ratio Lower Upper

142 100

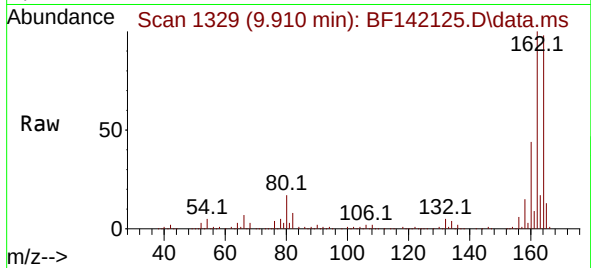
141 91.8 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

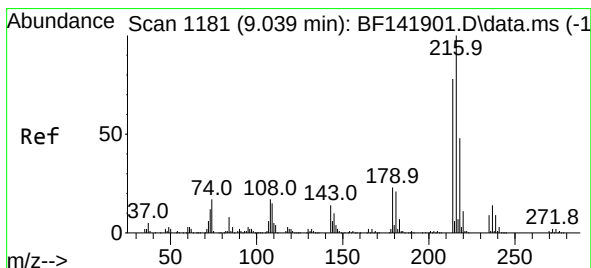
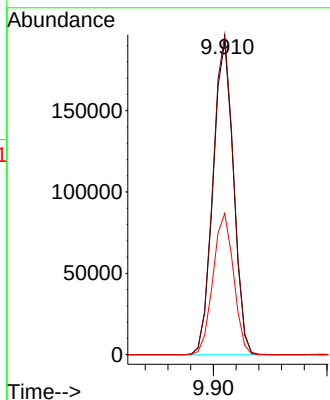
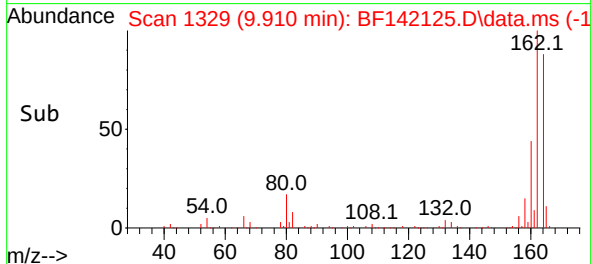
Instrument :
BNA_F
ClientSampleId :
TP-4MS



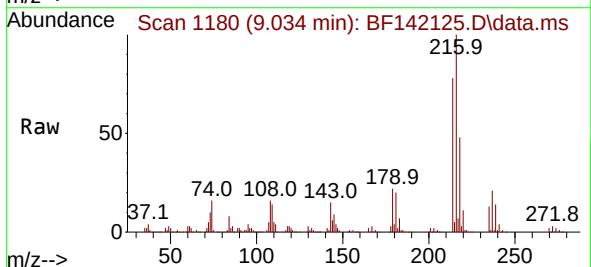
Tgt Ion:164 Resp: 240079
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 45.1 36.7 55.1

Manual Integrations
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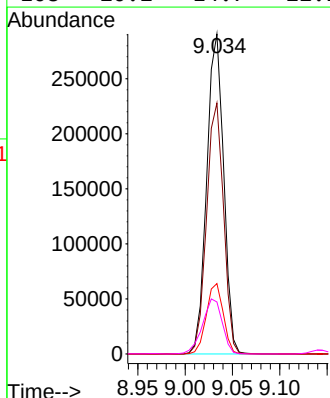
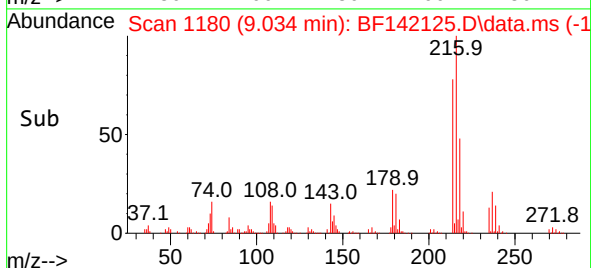
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

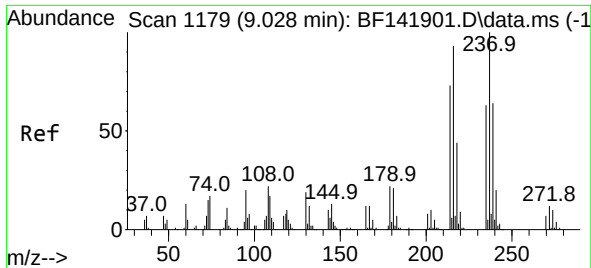


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.339 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:216 Resp: 360644
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 22.1 18.1 27.1
108 20.2 14.7 22.1





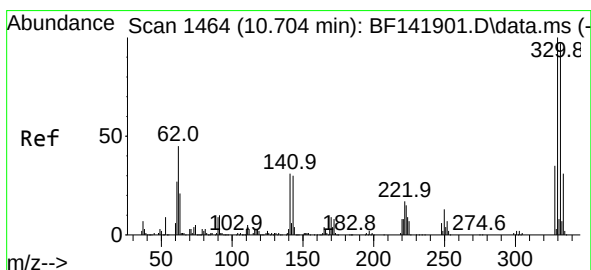
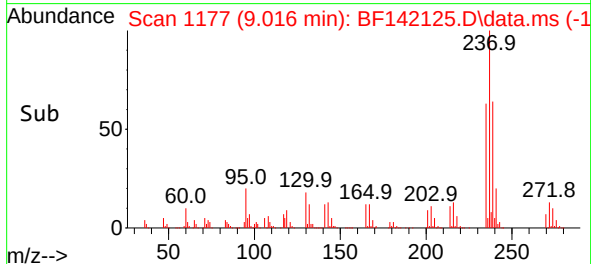
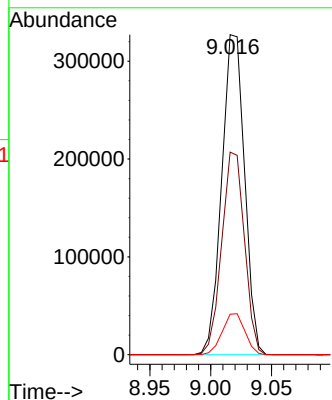
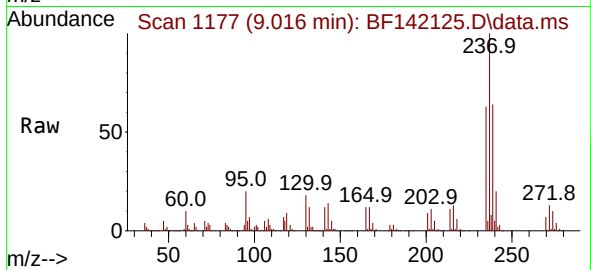
#41
Hexachlorocyclopentadiene
Concen: 149.464 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:237 Resp: 427558
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.7 0.0 32.0

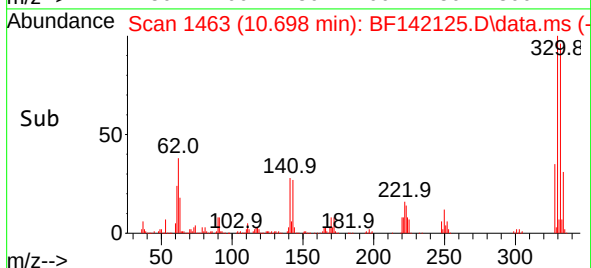
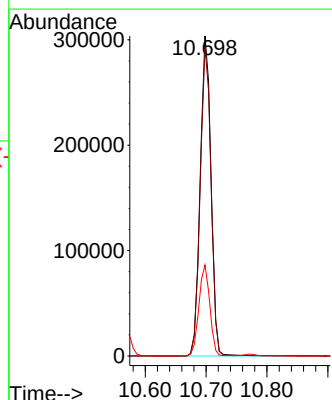
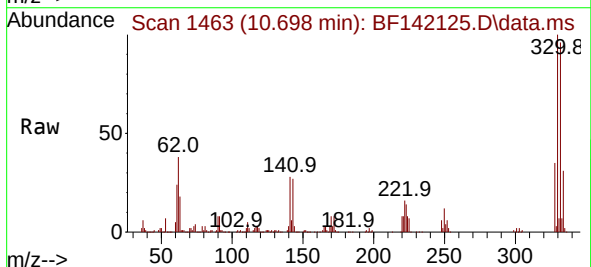
Manual Integrations
APPROVED

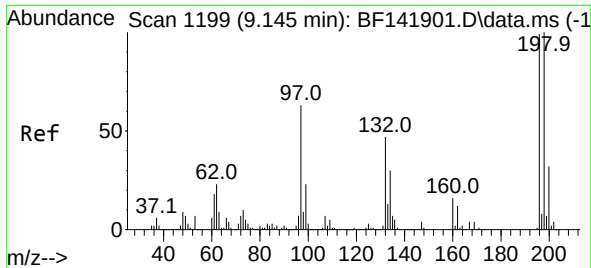
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#42
2,4,6-Tribromophenol
Concen: 123.380 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

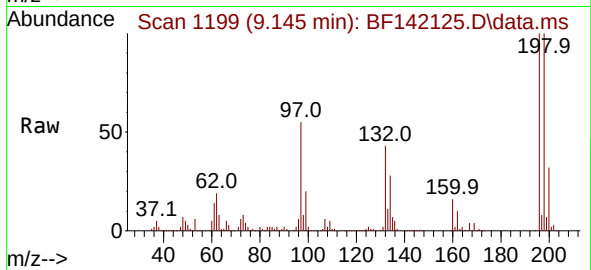
Tgt Ion:330 Resp: 375780
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 28.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 49.438 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

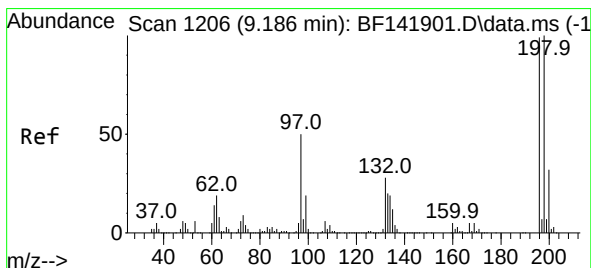
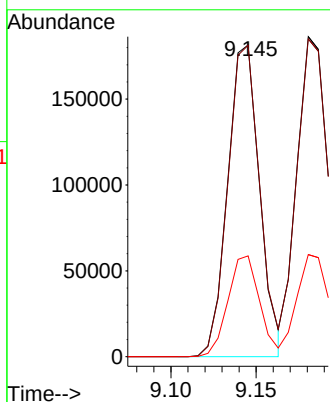
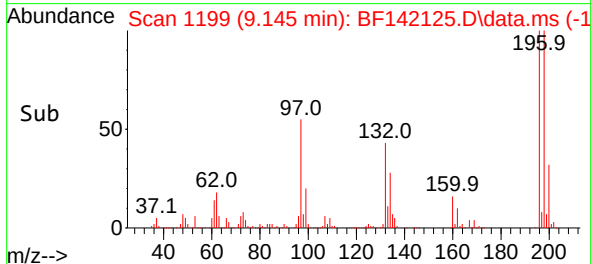
Instrument :
BNA_F
ClientSampleId :
TP-4MS



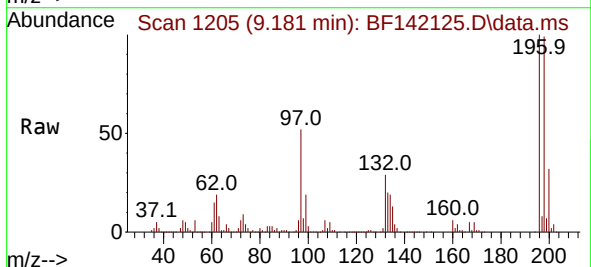
Tgt Ion:196 Resp: 23616
Ion Ratio Lower Upper
196 100
198 99.9 80.6 121.0
200 32.3 25.8 38.6

Manual Integrations
APPROVED

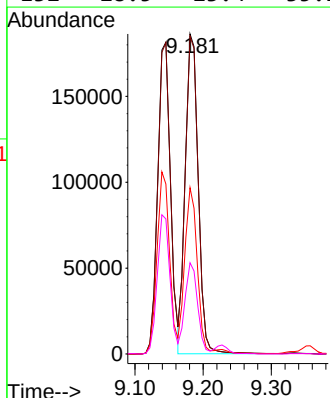
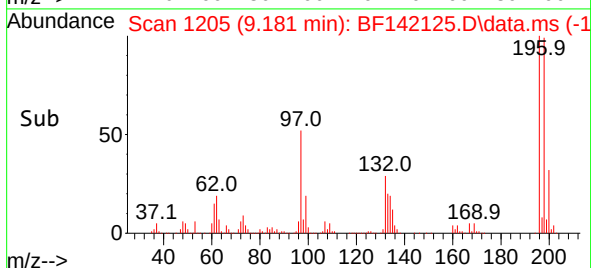
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

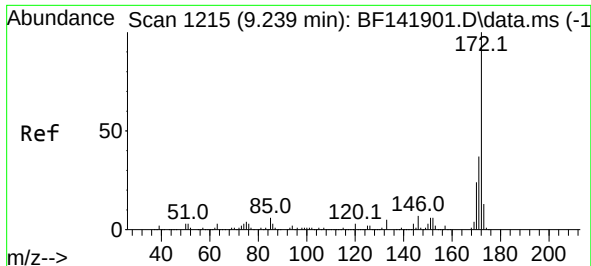


#44
2,4,5-Trichlorophenol
Concen: 50.648 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



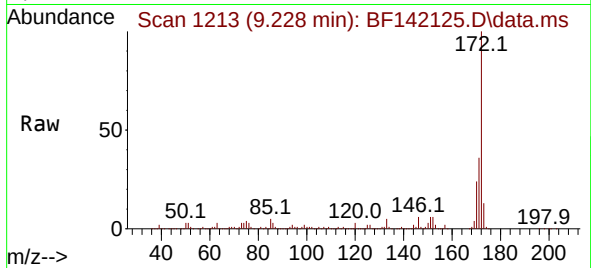
Tgt Ion:196 Resp: 245046
Ion Ratio Lower Upper
196 100
198 99.3 80.7 121.1
97 51.9 42.1 63.1
132 28.5 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 78.702 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

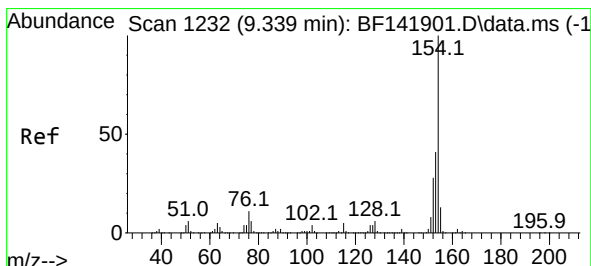
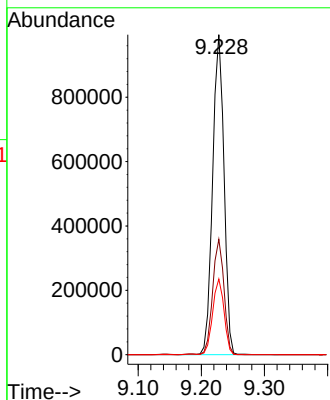
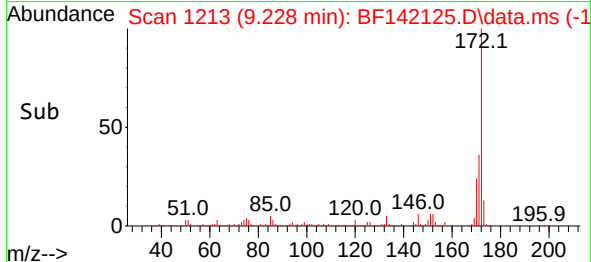
Instrument :
BNA_F
ClientSampleId :
TP-4MS



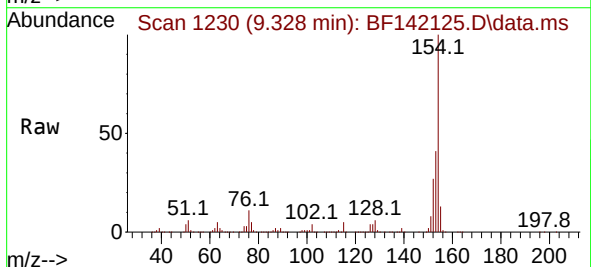
Tgt Ion:172 Resp: 124240
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.7 19.4 29.0

Manual Integrations
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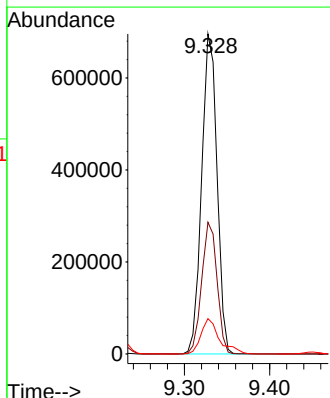
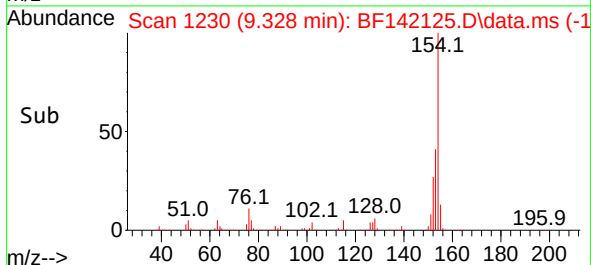
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

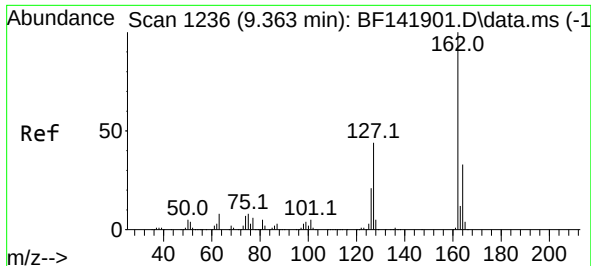


#46
1,1'-Biphenyl
Concen: 47.737 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:154 Resp: 870804
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 11.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 49.069 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

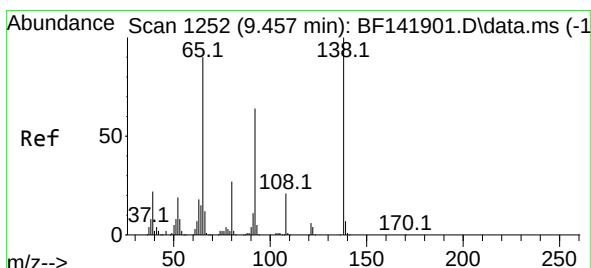
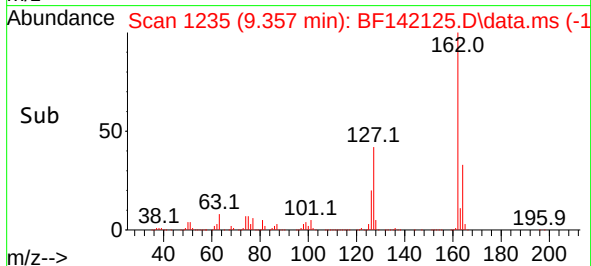
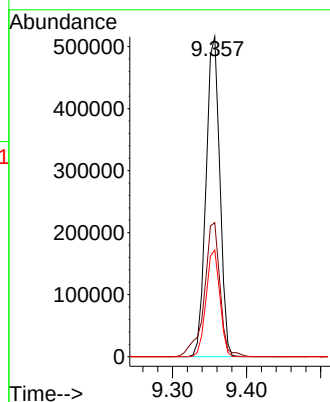
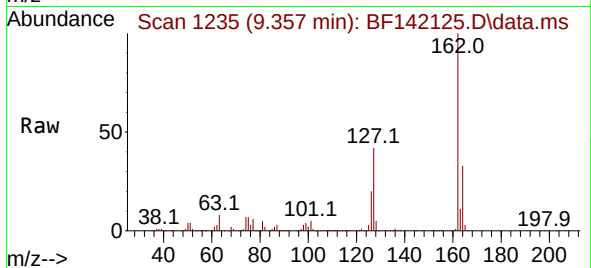
TP-4MS

Tgt Ion:162 Resp: 66716
 Ion Ratio Lower Upper
 162 100
 127 41.9 35.5 53.3
 164 33.4 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#48

2-Nitroaniline

Concen: 49.916 ng

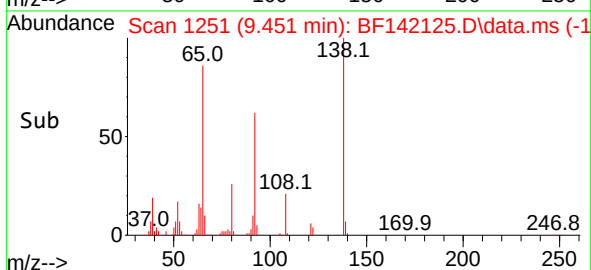
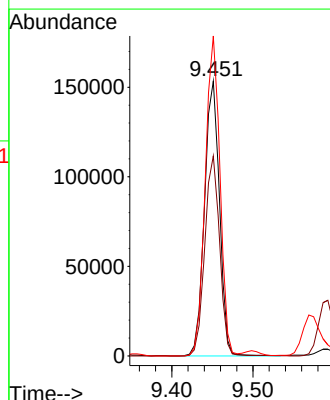
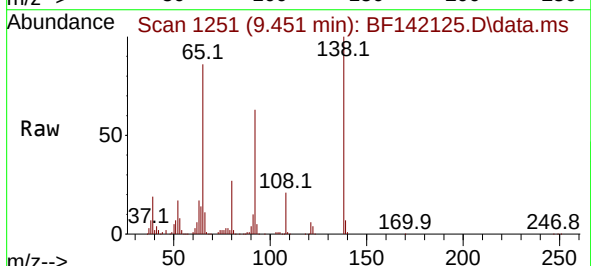
RT: 9.451 min Scan# 1251

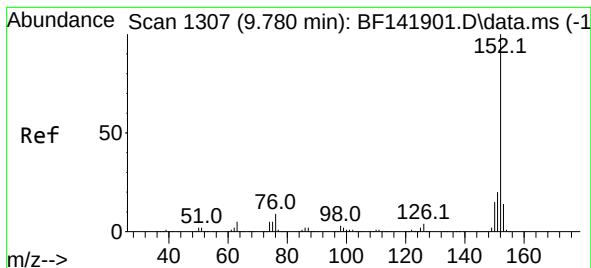
Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Tgt Ion: 65 Resp: 196504
 Ion Ratio Lower Upper
 65 100
 92 72.8 56.6 84.8
 138 116.4 88.6 133.0





#49

Acenaphthylene

Concen: 52.232 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNF_F

ClientSampleId :

TP-4MS

Tgt Ion:152 Resp: 105385

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

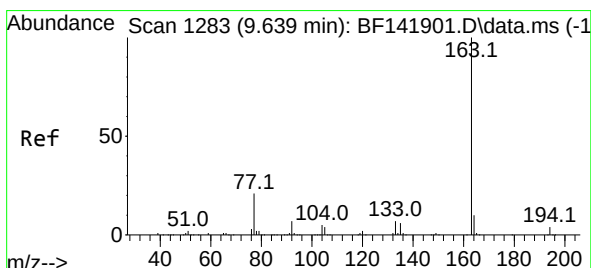
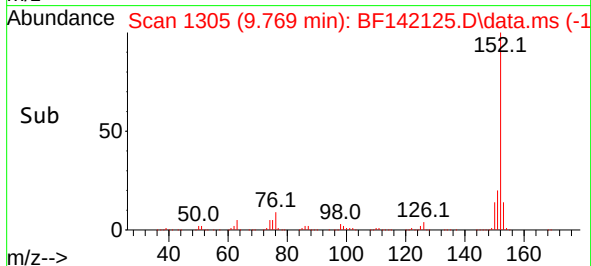
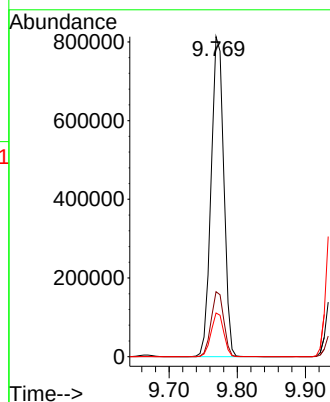
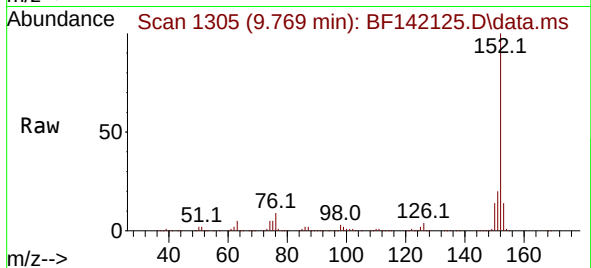
153 13.7 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#50

Dimethylphthalate

Concen: 47.003 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

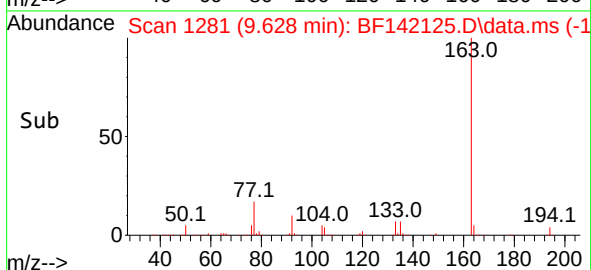
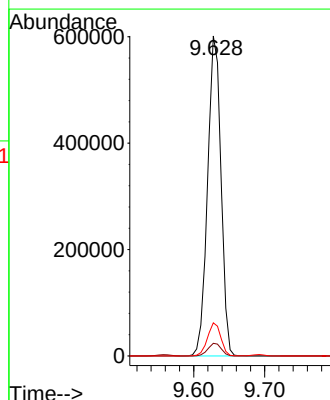
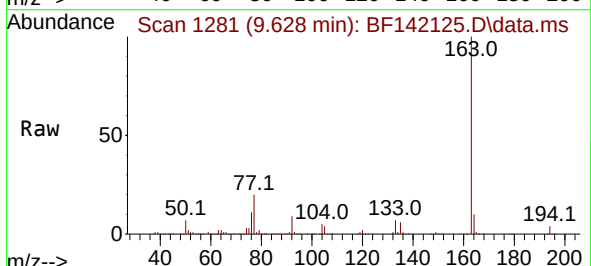
Tgt Ion:163 Resp: 790228

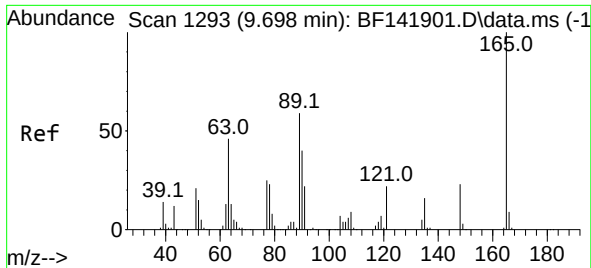
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

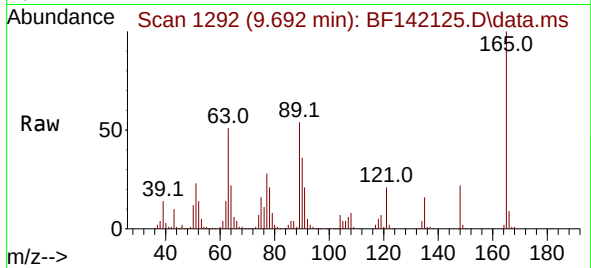
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.830 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

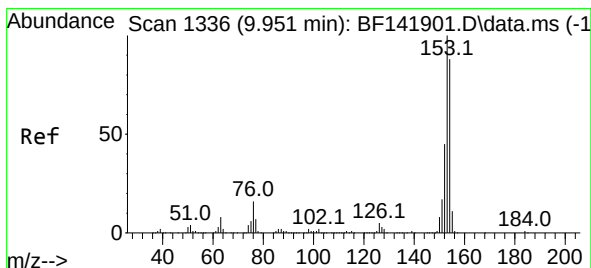
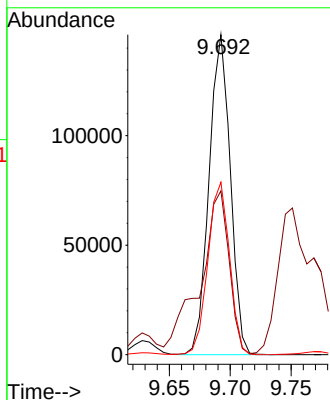
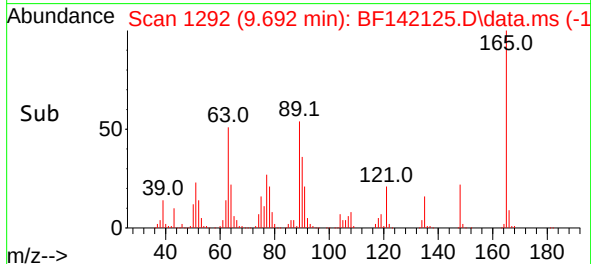
Instrument :
BNA_F
ClientSampleId :
TP-4MS



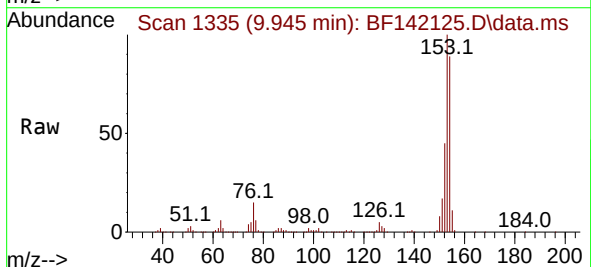
Tgt Ion:165 Resp: 177920
Ion Ratio Lower Upper
165 100
63 51.2 47.0 70.4
89 53.9 47.4 71.2

Manual Integrations
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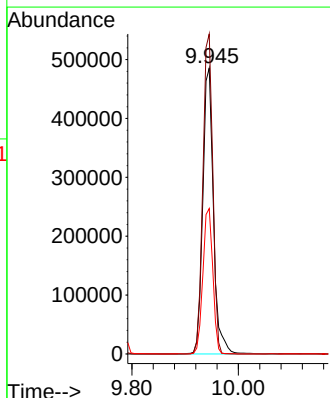
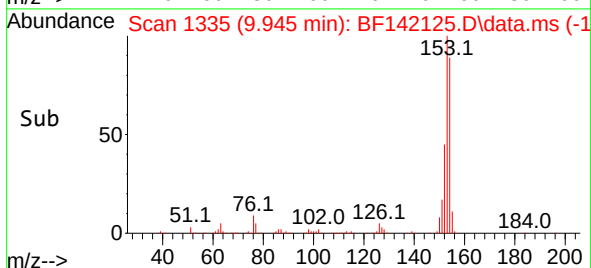
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

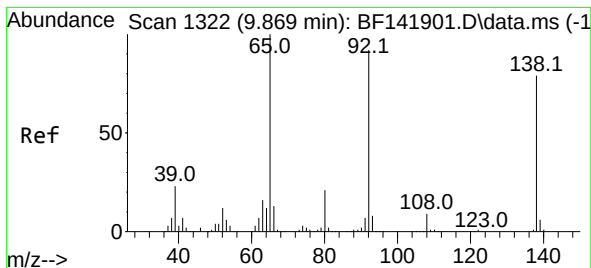


#52
Acenaphthene
Concen: 47.302 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:154 Resp: 670697
Ion Ratio Lower Upper
154 100
153 111.9 90.7 136.1
152 50.9 41.1 61.7





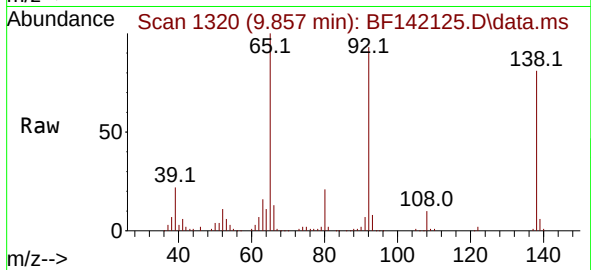
#53
3-Nitroaniline
Concen: 27.741 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

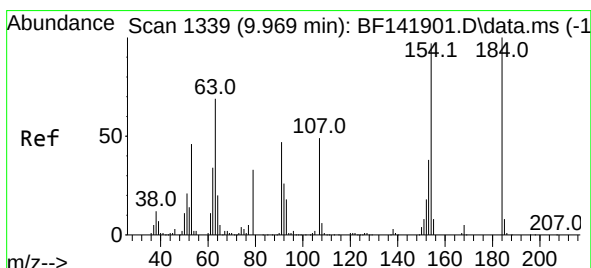
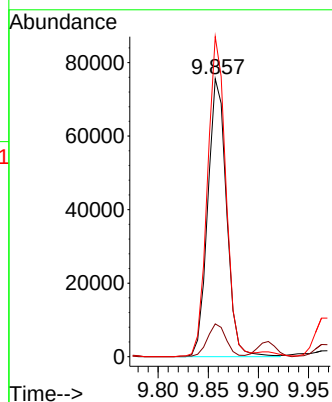
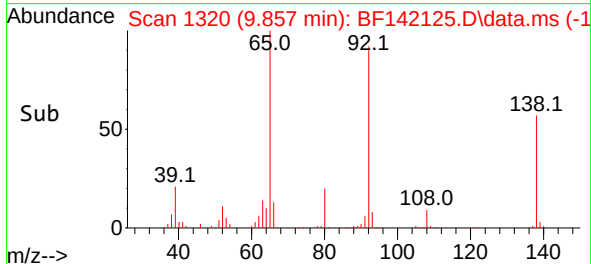


Tgt Ion:138 Resp: 98500
Ion Ratio Lower Upper
138 100
108 11.8 9.3 13.9
92 115.1 93.5 140.3

Manual Integrations

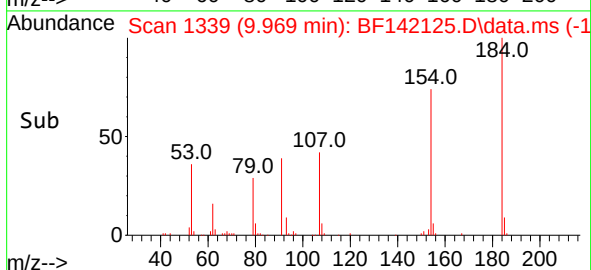
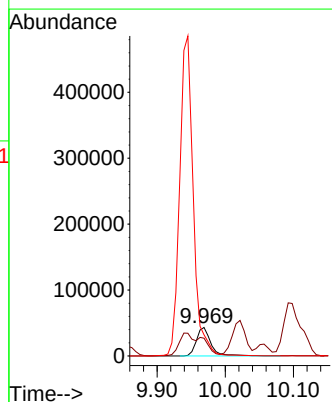
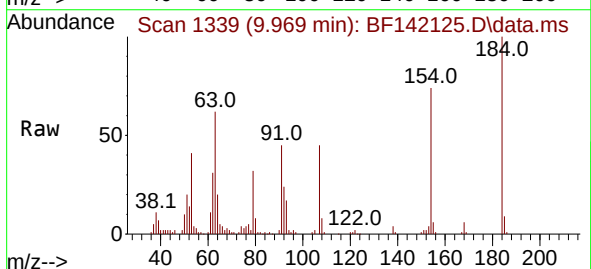
APPROVED

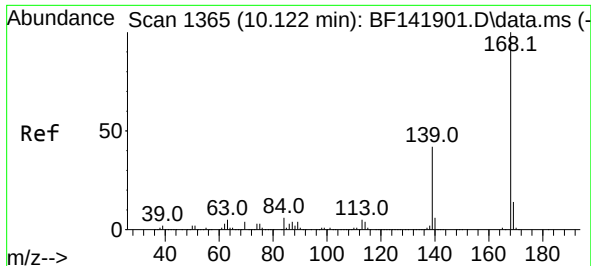
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#54
2,4-Dinitrophenol
Concen: 35.892 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

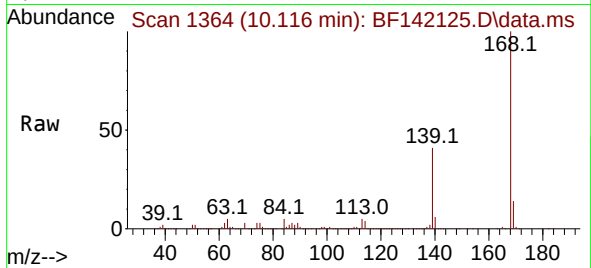
Tgt Ion:184 Resp: 63531
Ion Ratio Lower Upper
184 100
63 62.2 60.2 90.4
154 74.2 132.9 199.3#





#55
Dibenzenofuran
Concen: 46.542 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

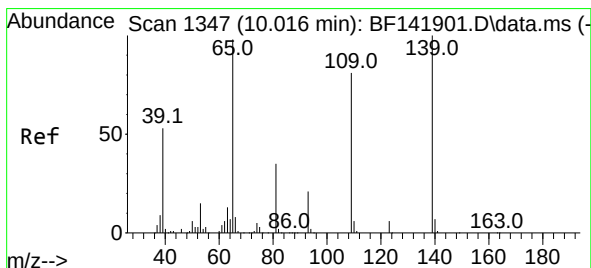
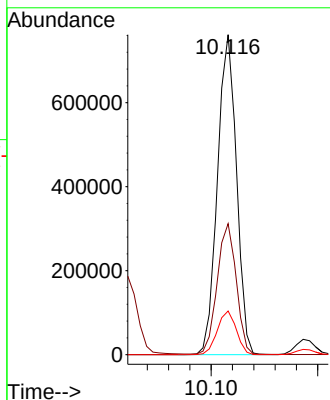
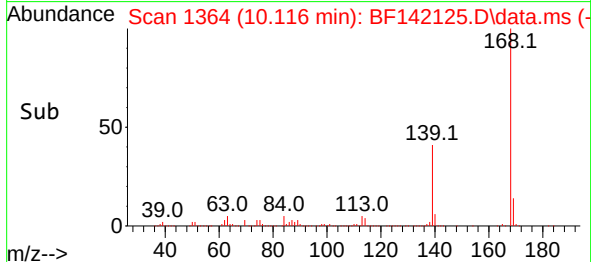
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:168 Resp: 94295
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.6 11.0 16.4

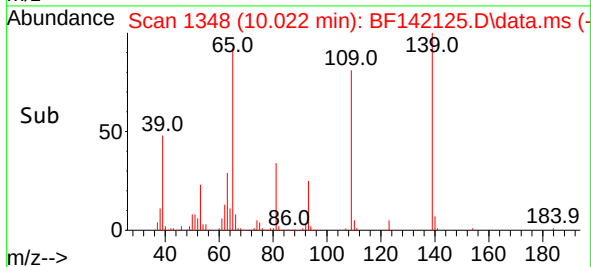
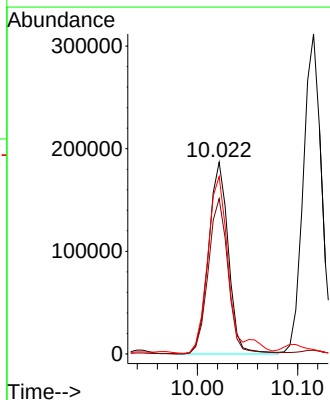
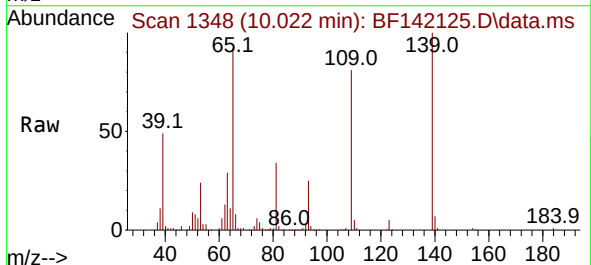
Manual Integrations
APPROVED

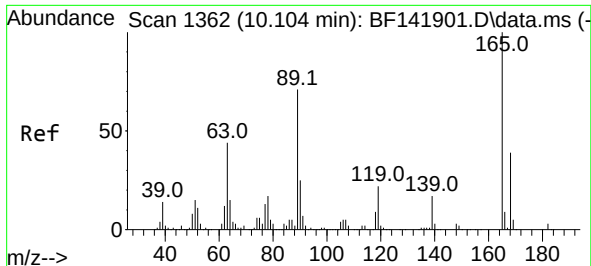
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#56
4-Nitrophenol
Concen: 96.137 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:139 Resp: 257427
Ion Ratio Lower Upper
139 100
109 81.0 61.6 101.6
65 92.5 79.4 119.4





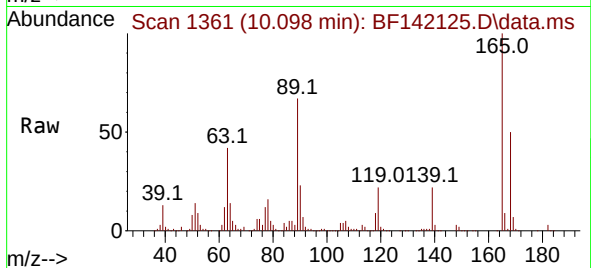
#57
2,4-Dinitrotoluene
Concen: 54.443 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

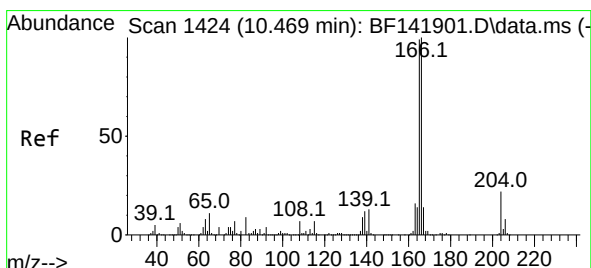
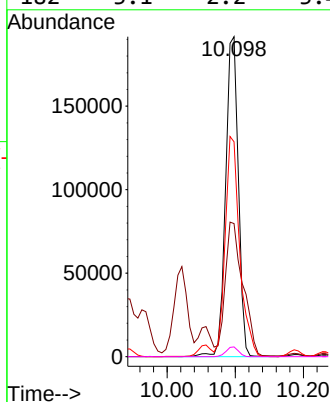
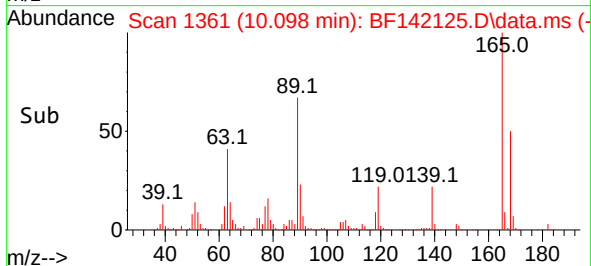


Tgt Ion:165 Resp: 248908
Ion Ratio Lower Upper
165 100
63 41.6 35.4 53.2
89 67.2 56.6 84.8
182 3.1 2.2 3.4

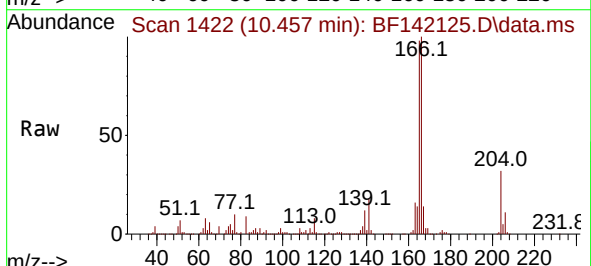
Manual Integrations

APPROVED

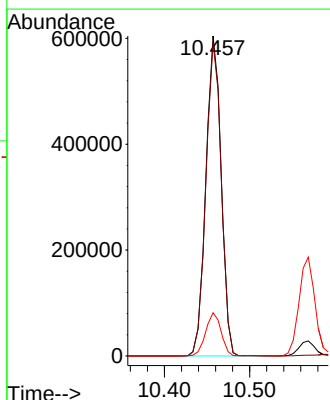
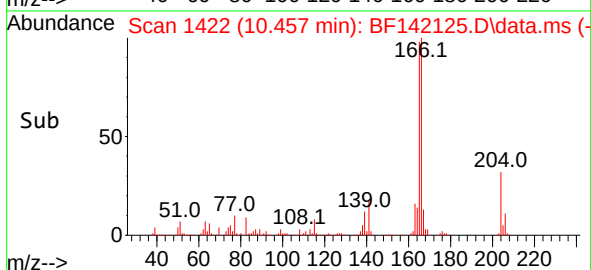
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

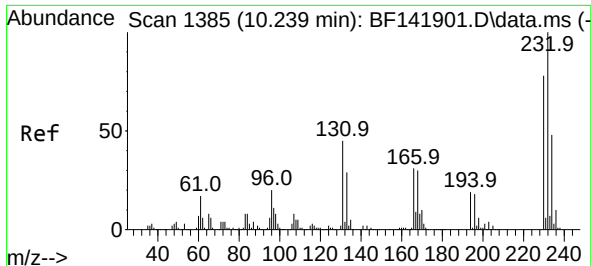


#58
Fluorene
Concen: 48.204 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



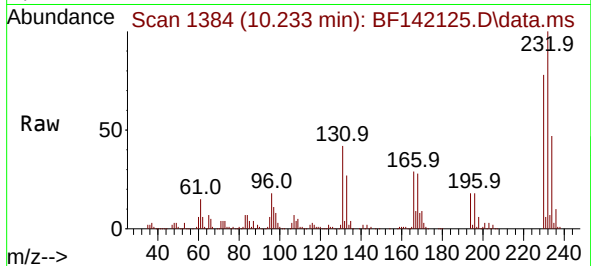
Tgt Ion:166 Resp: 753136
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.834 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

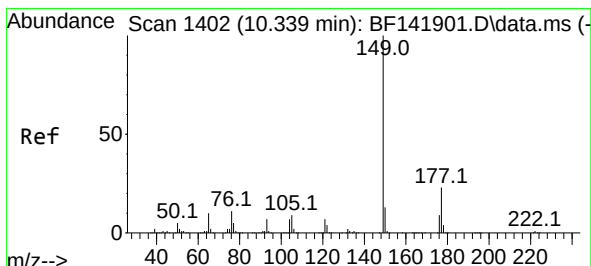
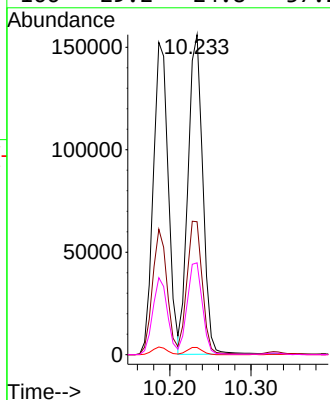
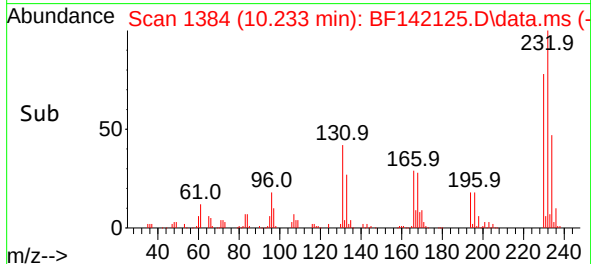
Instrument :
BNA_F
ClientSampleId :
TP-4MS



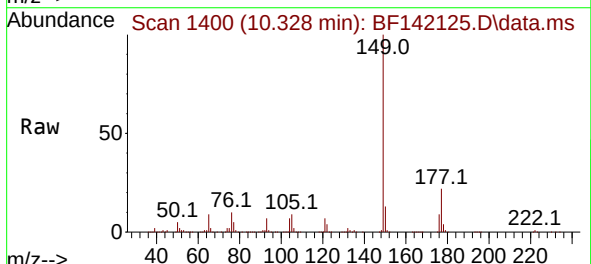
Tgt Ion:232 Resp: 197384
Ion Ratio Lower Upper
232 100
131 43.3 37.3 55.9
130 2.4 1.9 2.9
166 29.2 24.8 37.2

Manual Integrations
APPROVED

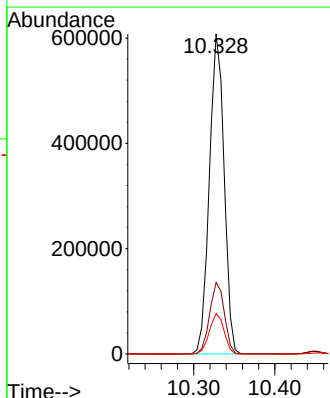
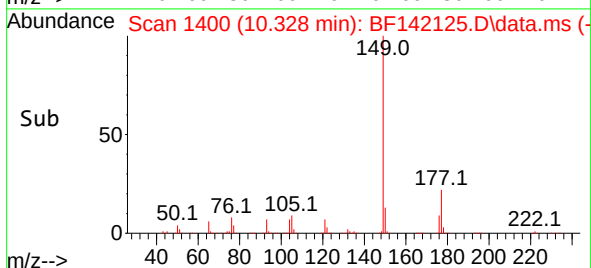
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

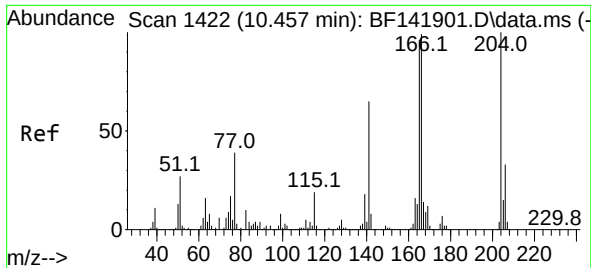


#60
Diethylphthalate
Concen: 45.588 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



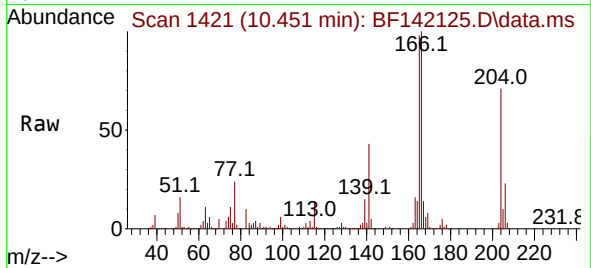
Tgt Ion:149 Resp: 764234
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.704 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

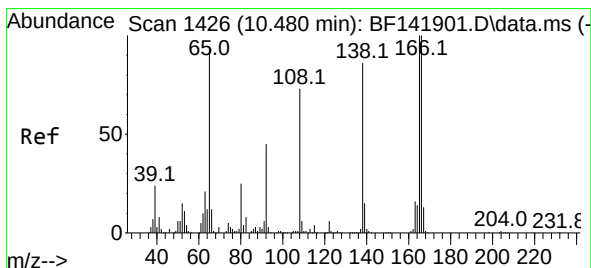
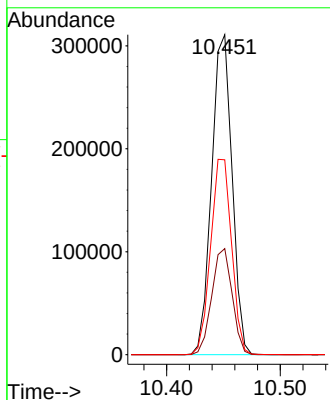
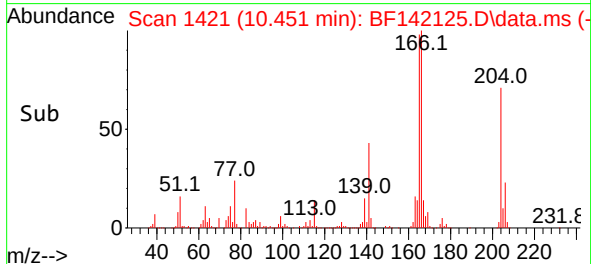
Instrument :
BNA_F
ClientSampleId :
TP-4MS



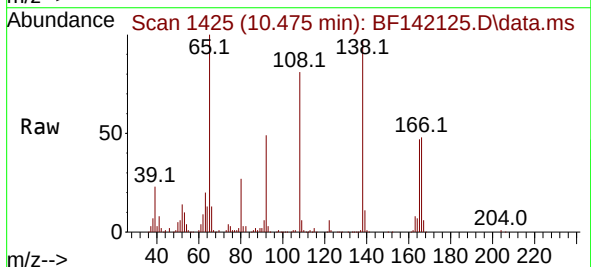
Tgt Ion:204 Resp: 38858
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 60.9 52.4 78.6

Manual Integrations
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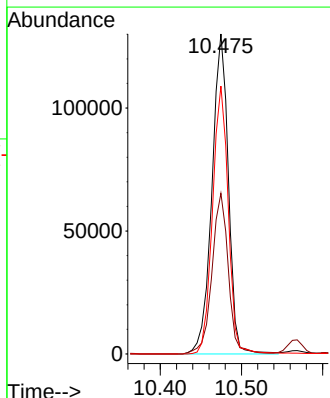
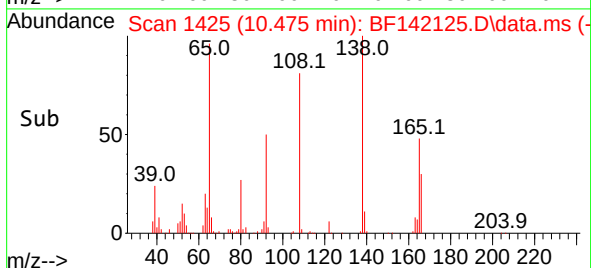
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

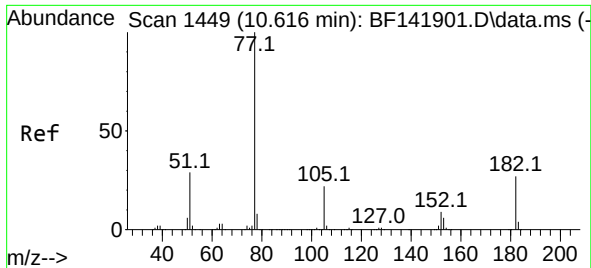


#62
4-Nitroaniline
Concen: 53.001 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



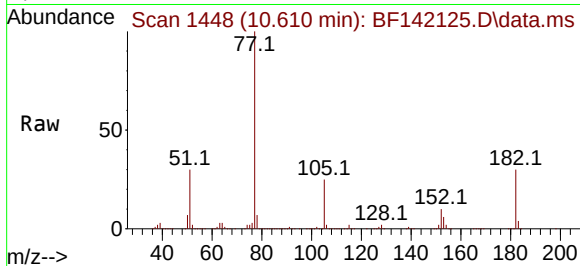
Tgt Ion:138 Resp: 183216
Ion Ratio Lower Upper
138 100
92 50.2 32.6 72.6
108 83.7 65.0 105.0





#63
Azobenzene
Concen: 48.308 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

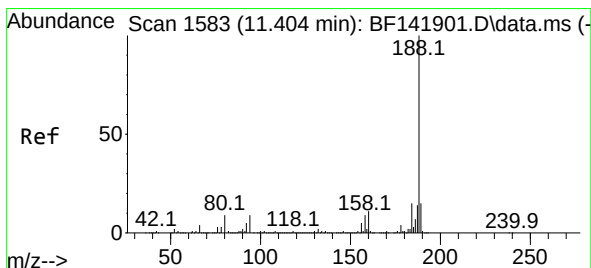
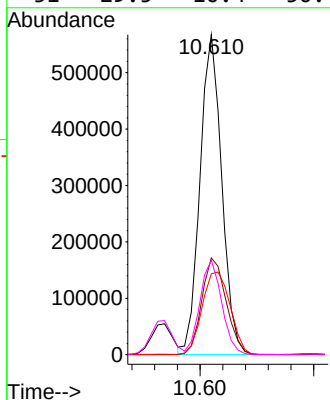
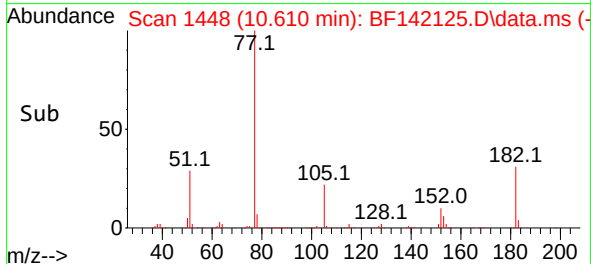
Instrument :
BNA_F
ClientSampleId :
TP-4MS



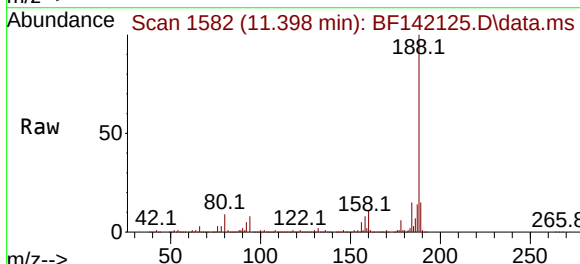
Tgt Ion: 77 Resp: 75290
Ion Ratio Lower Upper
77 100
182 30.2 6.6 46.6
105 25.3 1.3 41.3
51 29.5 10.4 50.4

Manual Integrations
APPROVED

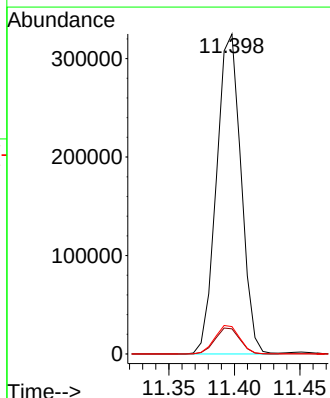
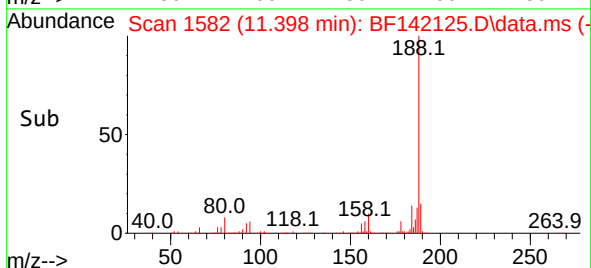
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

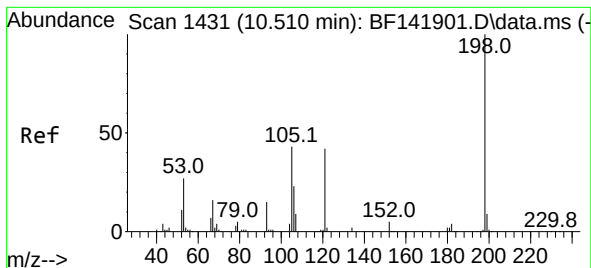


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:188 Resp: 421857
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.6 7.6 11.4





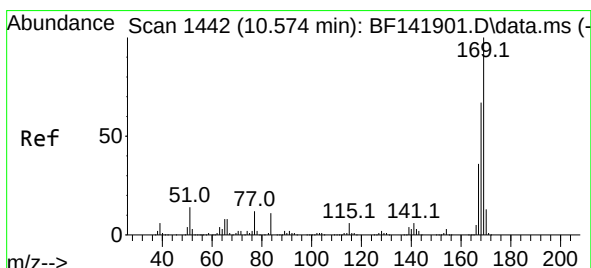
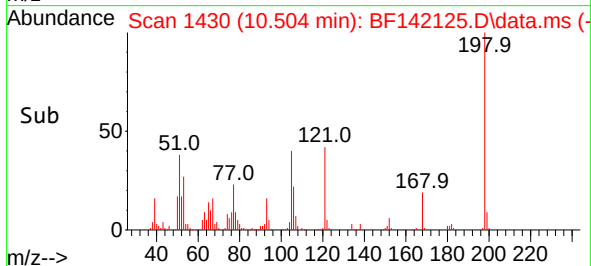
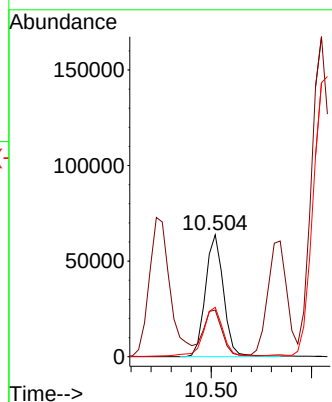
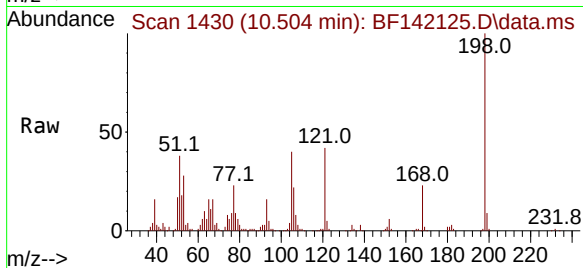
#65
4,6-Dinitro-2-methylphenol
Concen: 31.796 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:198 Resp: 7996
Ion Ratio Lower Upper
198 100
51 38.2 22.3 62.3
105 40.4 23.0 63.0

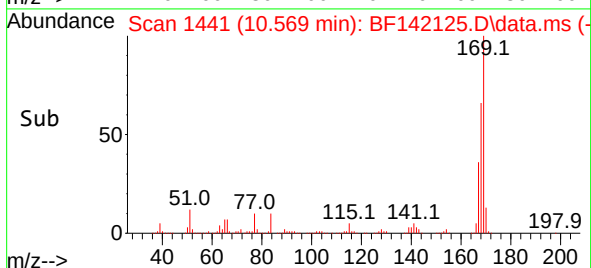
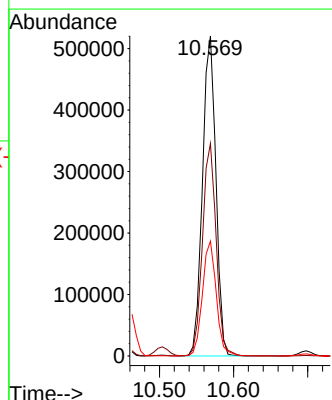
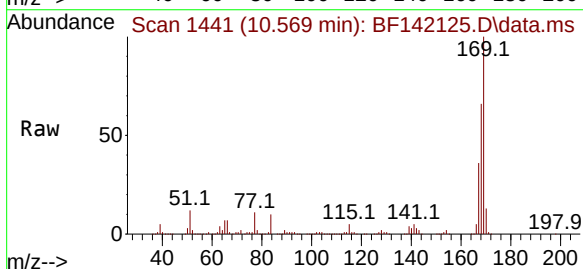
Manual Integrations
APPROVED

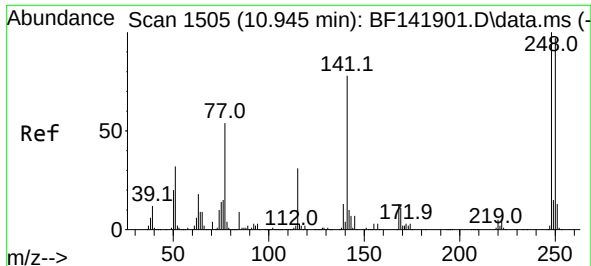
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#66
n-Nitrosodiphenylamine
Concen: 48.089 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:169 Resp: 656483
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 35.9 29.2 43.8





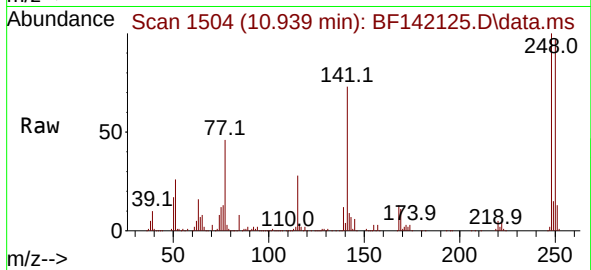
#67
4-Bromophenyl-phenylether
Concen: 47.952 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

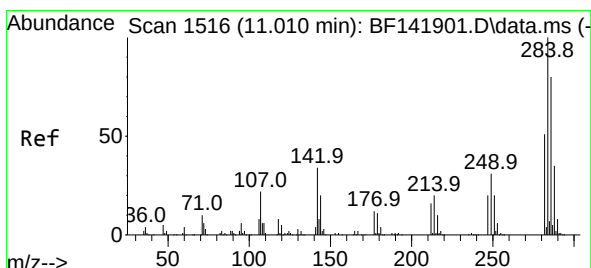
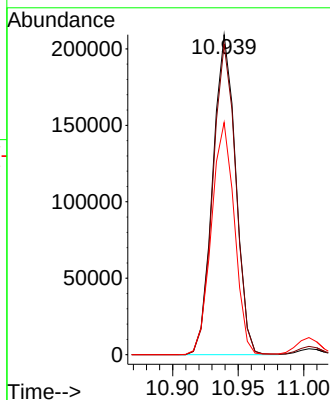
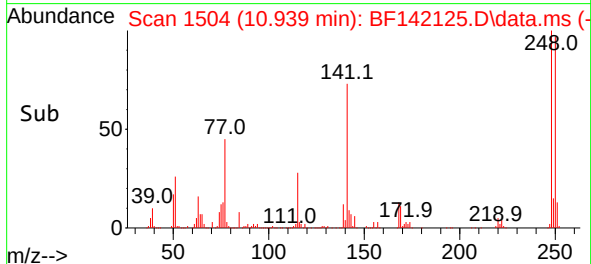


Tgt Ion:248 Resp: 254054
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 72.6 62.6 93.8

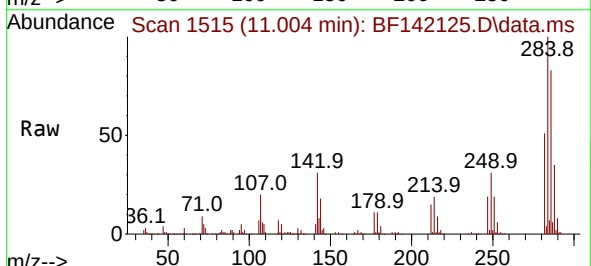
Manual Integrations

APPROVED

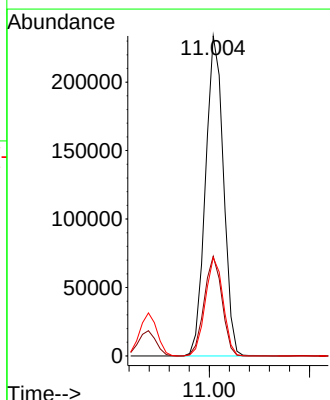
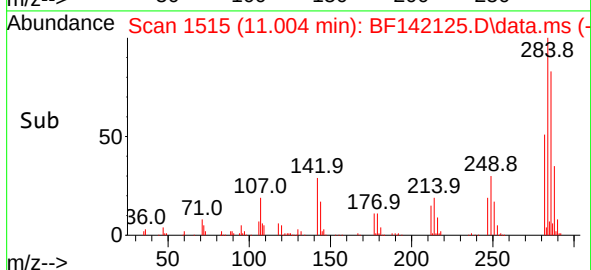
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

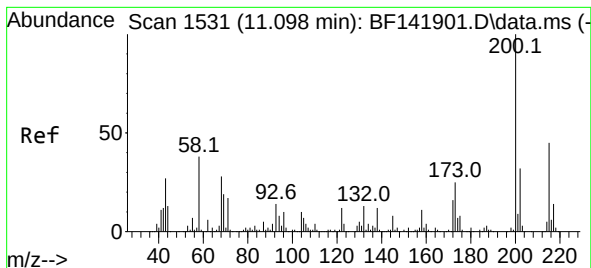


#68
Hexachlorobenzene
Concen: 50.094 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:284 Resp: 291080
Ion Ratio Lower Upper
284 100
142 31.2 27.0 40.6
249 30.7 25.2 37.8





#69

Atrazine

Concen: 56.102 ng

RT: 11.092 min Scan# 11092

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

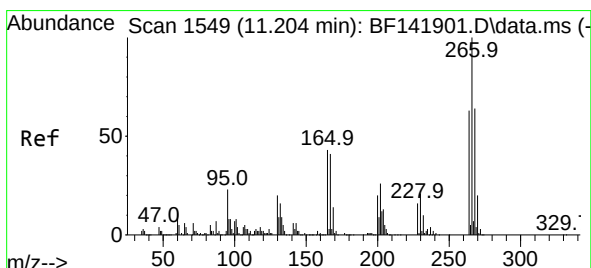
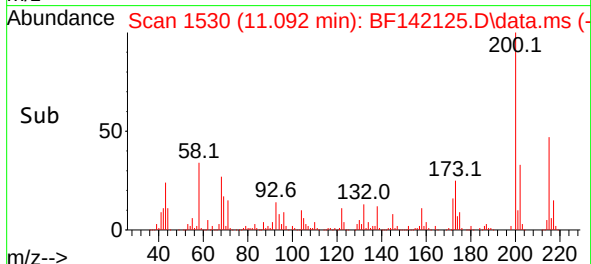
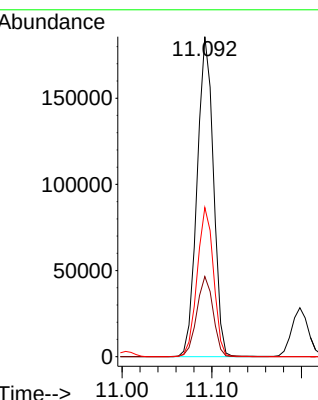
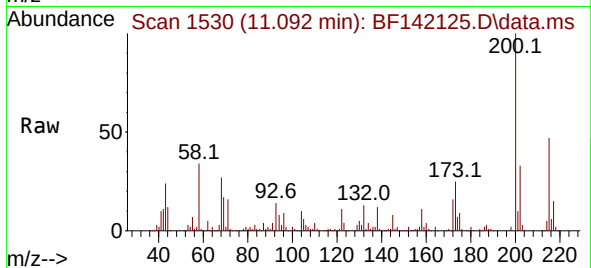
TP-4MS

Tgt Ion:200 Resp: 23478
 Ion Ratio Lower Upper
 200 100
 173 25.1 4.7 44.7
 215 46.6 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#70

Pentachlorophenol

Concen: 55.535 ng

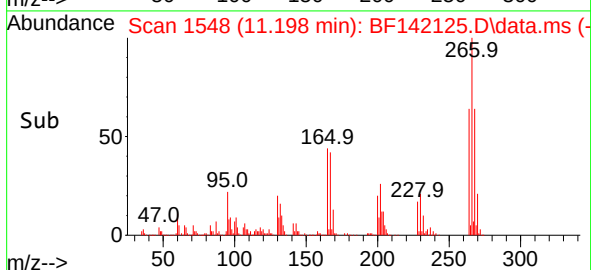
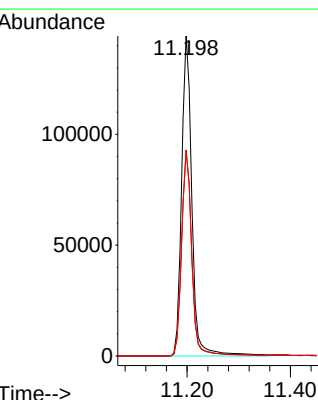
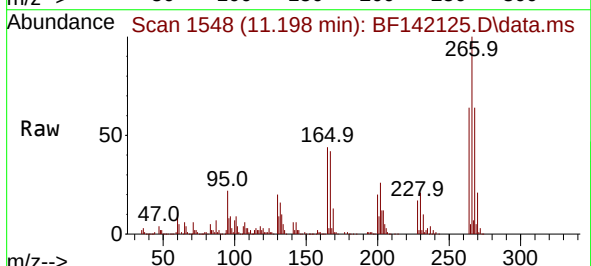
RT: 11.198 min Scan# 1548

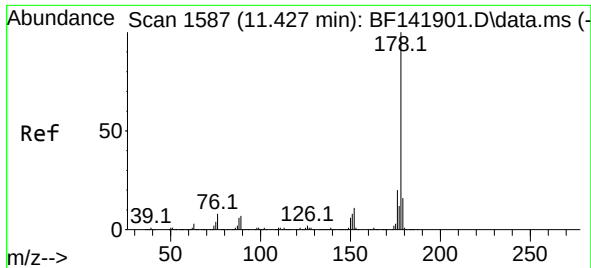
Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Tgt Ion:266 Resp: 198824
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 64.4 50.2 75.2





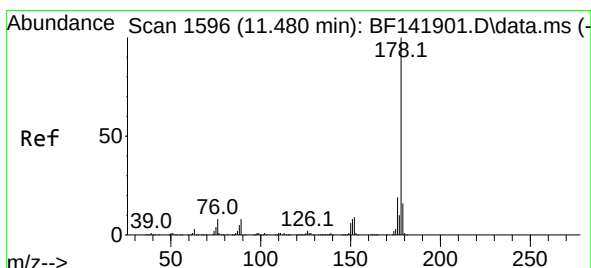
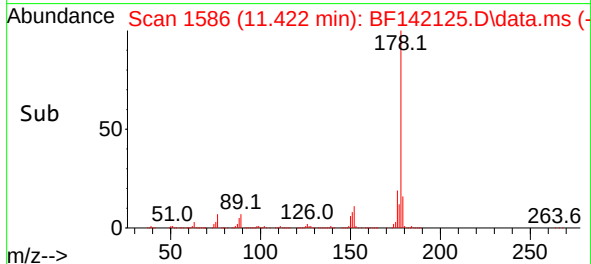
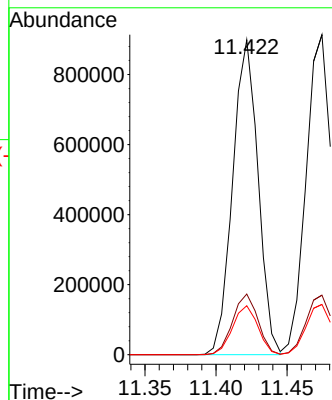
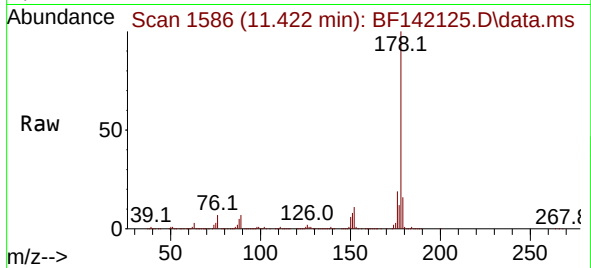
#71
Phenanthrene
Concen: 49.192 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:178 Resp: 112087
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0

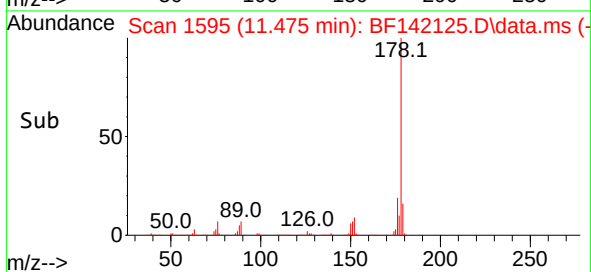
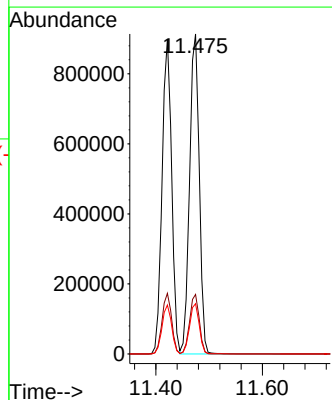
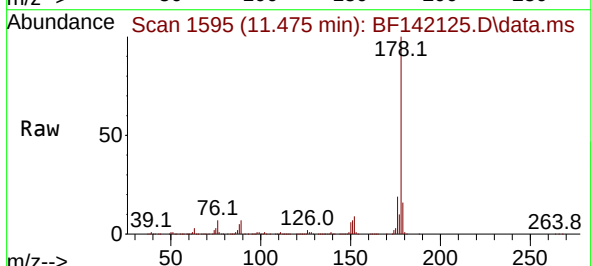
Manual Integrations
APPROVED

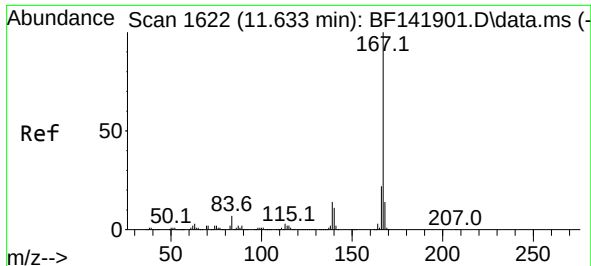
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#72
Anthracene
Concen: 50.454 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

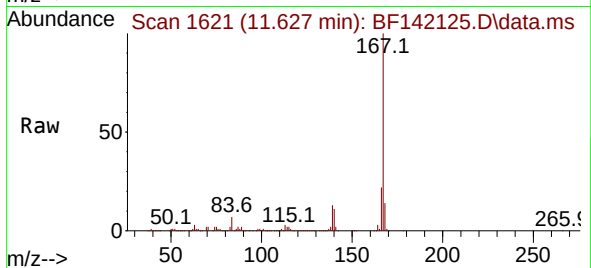
Tgt Ion:178 Resp: 1153378
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 50.746 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

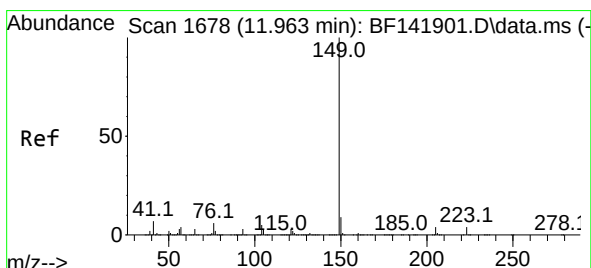
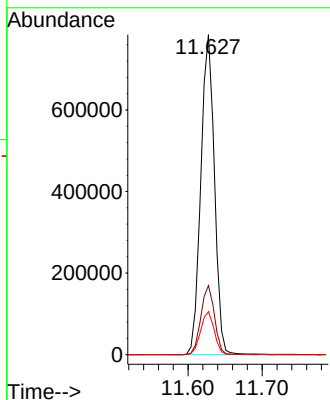
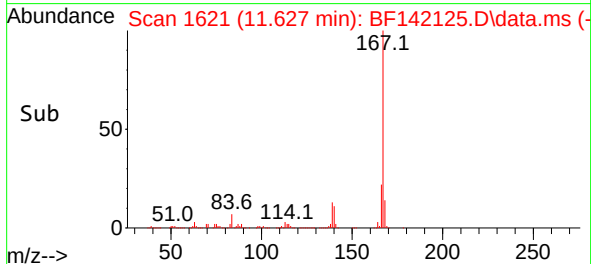
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS



Tgt Ion:167 Resp: 1000454
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.4 11.0 16.6

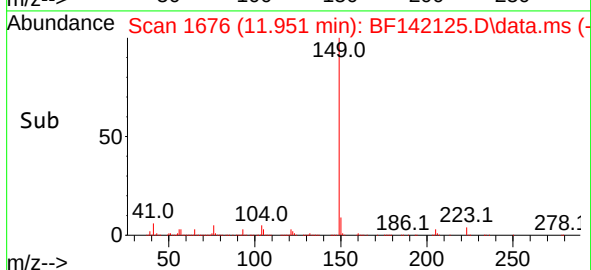
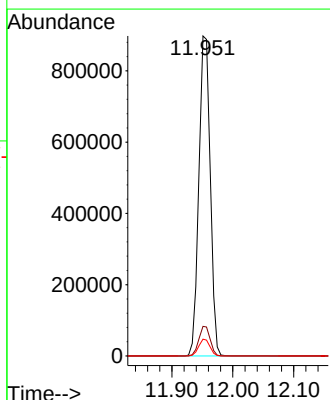
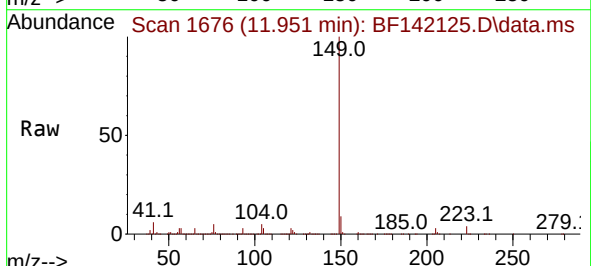
Manual Integrations
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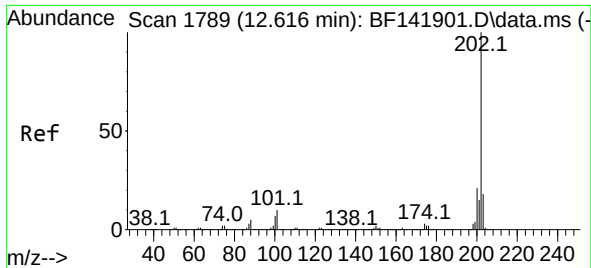
Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#74
 Di-n-butylphthalate
 Concen: 44.420 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.012 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

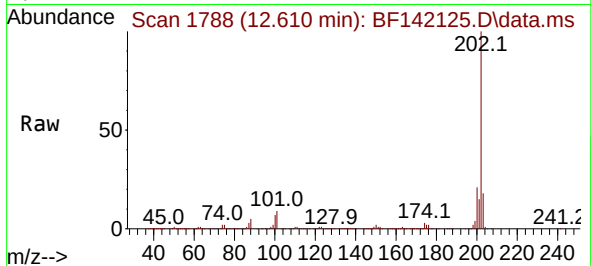
Tgt Ion:149 Resp: 1162000
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 47.750 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

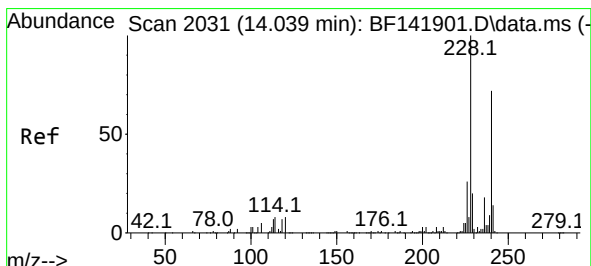
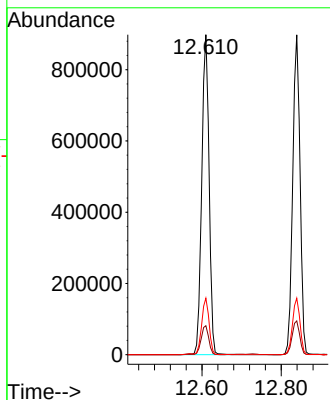
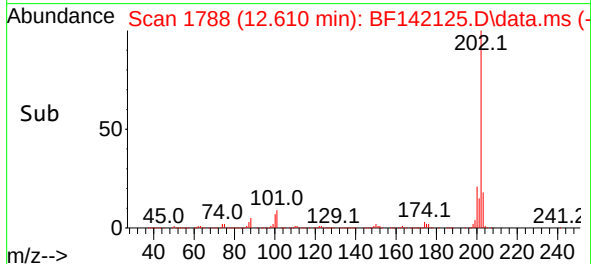
Instrument :
BNA_F
ClientSampleId :
TP-4MS



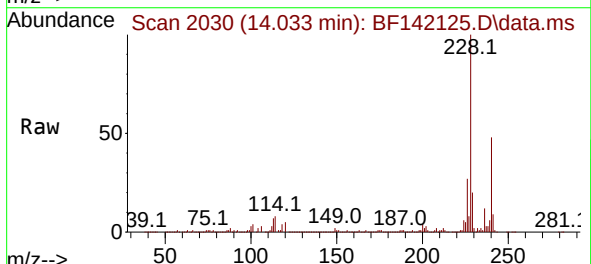
Tgt Ion:202 Resp: 1154134
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.7
203 17.6 0.0 37.8

Manual Integrations
APPROVED

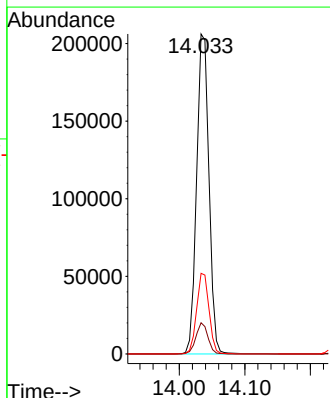
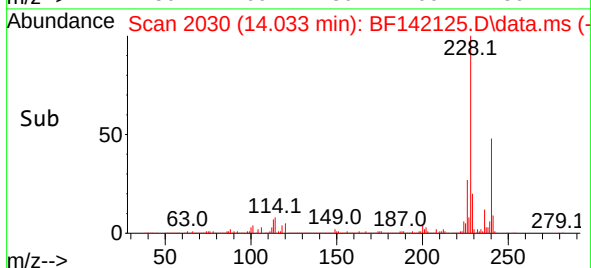
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

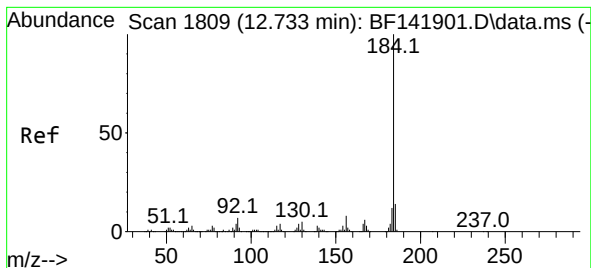


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38



Tgt Ion:240 Resp: 270603
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 83.040 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:184 Resp: 313510

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

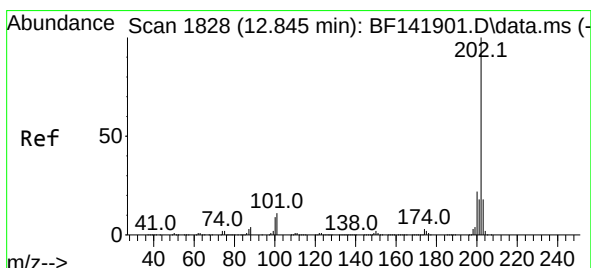
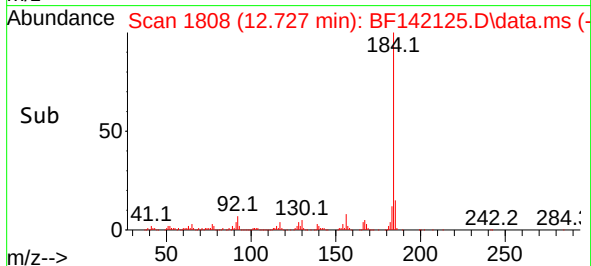
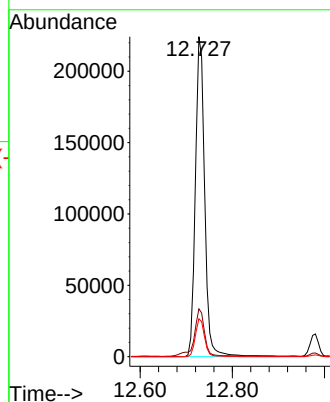
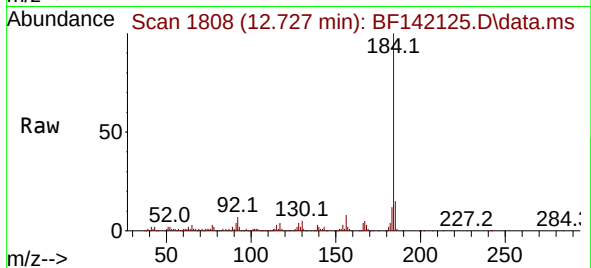
183 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#78

Pyrene

Concen: 49.088 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

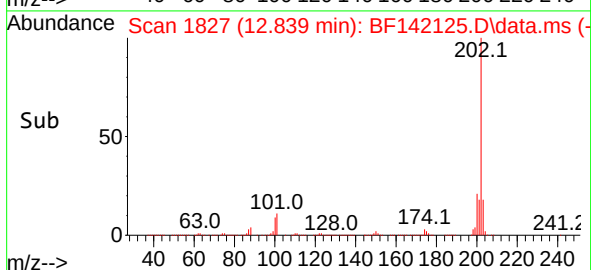
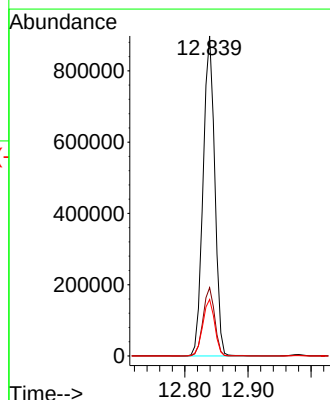
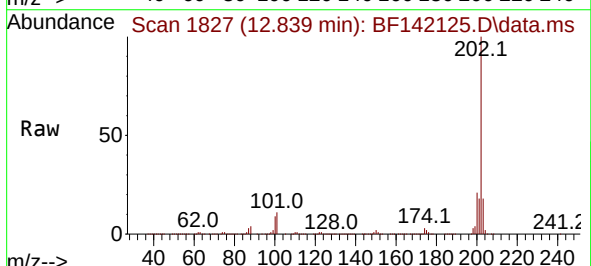
Tgt Ion:202 Resp: 1149036

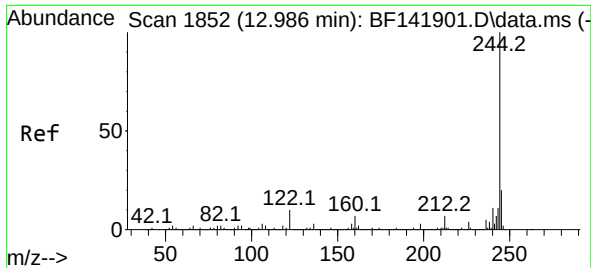
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

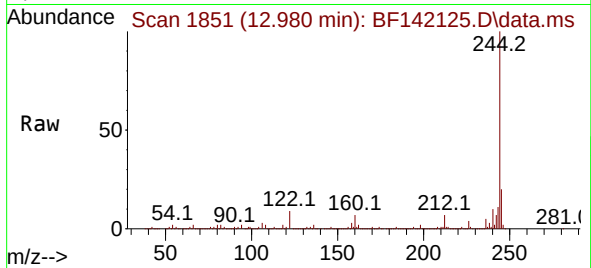
203 17.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 78.616 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

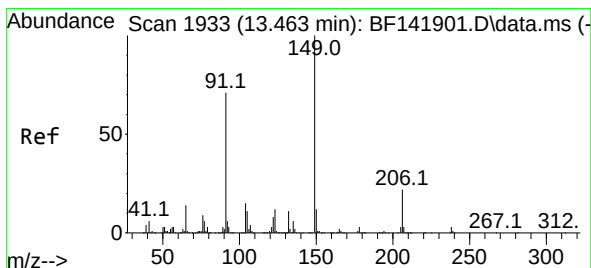
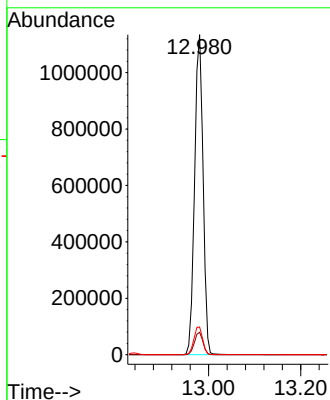
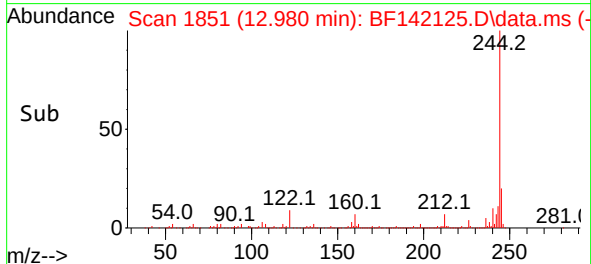
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS



Tgt Ion:244 Resp: 143891
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.7 7.7 11.5

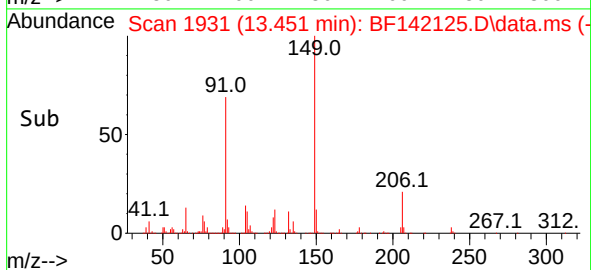
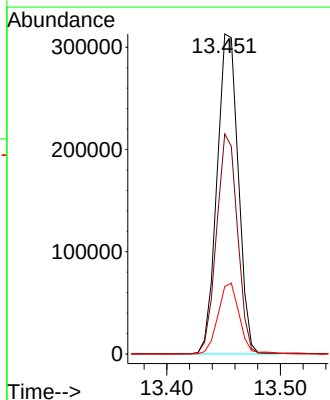
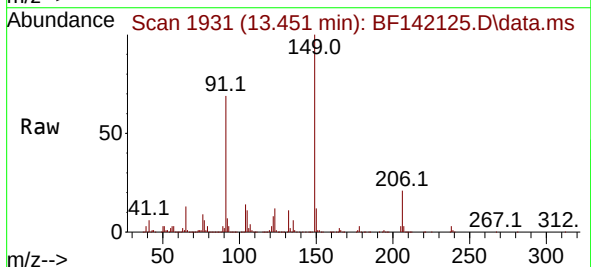
Manual Integrations
 APPROVED

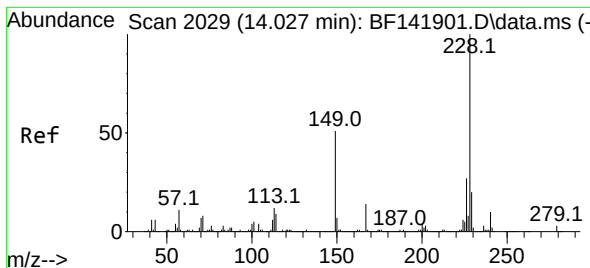
Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#80
 Butylbenzylphthalate
 Concen: 44.499 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

Tgt Ion:149 Resp: 407688
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.5 84.7
 206 21.1 17.3 25.9





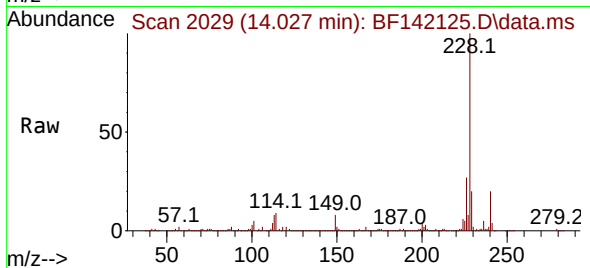
#81
Benzo(a)anthracene
Concen: 50.051 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

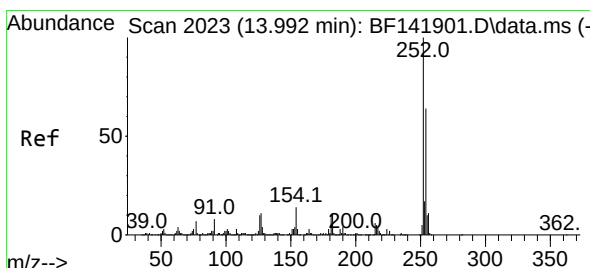
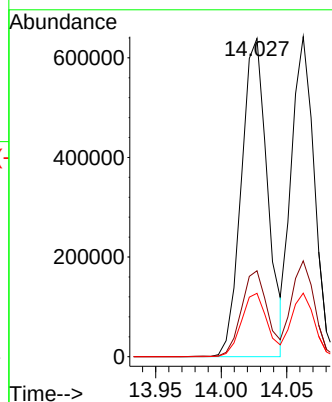
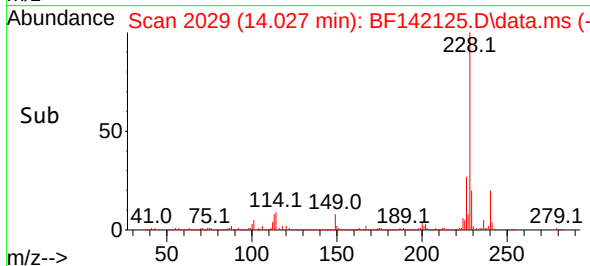


Tgt Ion:228 Resp: 88876
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.9 16.0 24.0

Manual Integrations

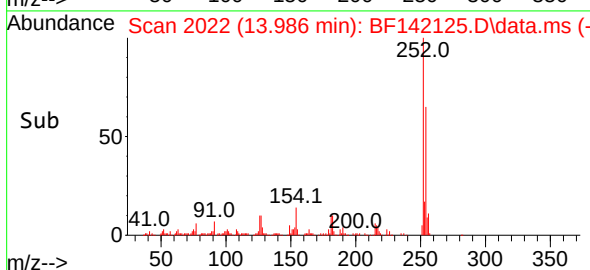
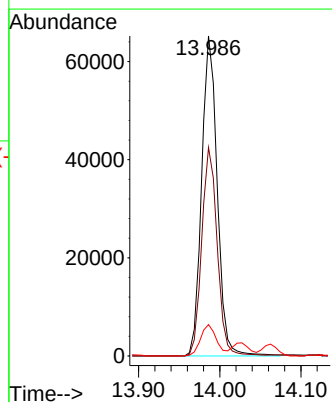
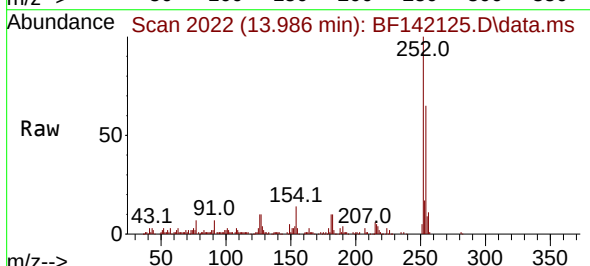
APPROVED

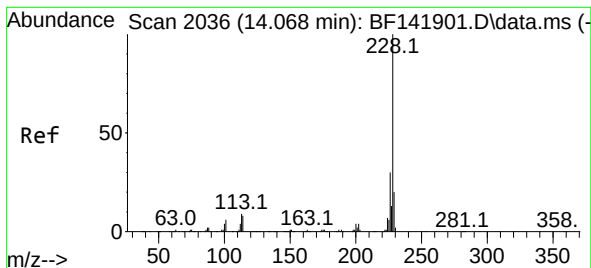
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#82
3,3'-Dichlorobenzidine
Concen: 16.985 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:252 Resp: 87161
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.6
126 9.8 8.4 12.6





#83

Chrysene

Concen: 48.370 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:228 Resp: 77857

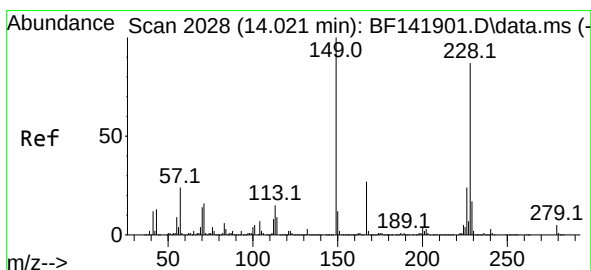
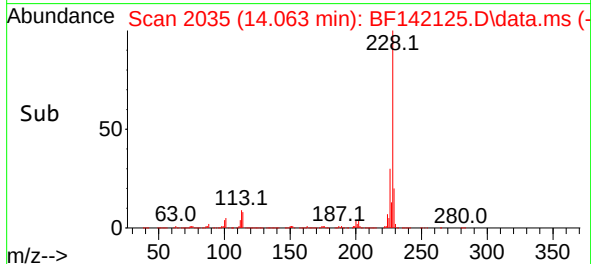
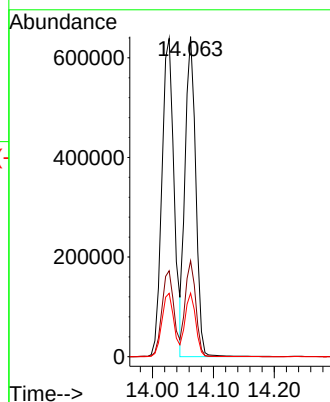
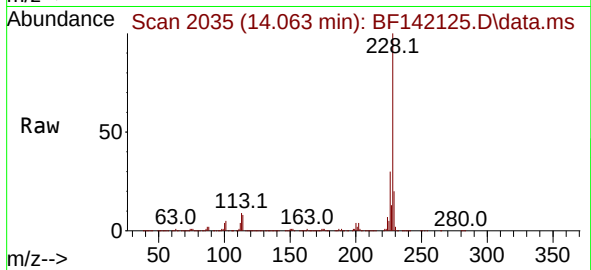
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.959 ng

RT: 14.010 min Scan# 2026

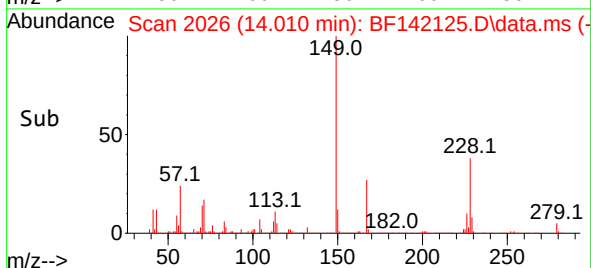
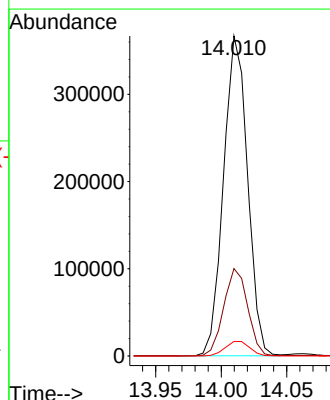
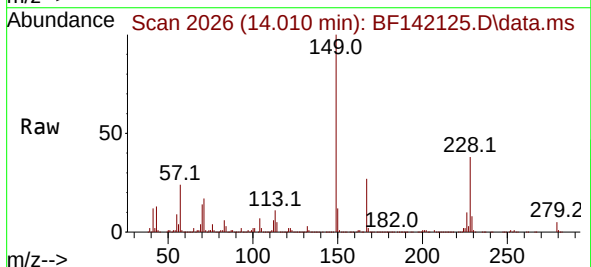
Delta R.T. -0.012 min

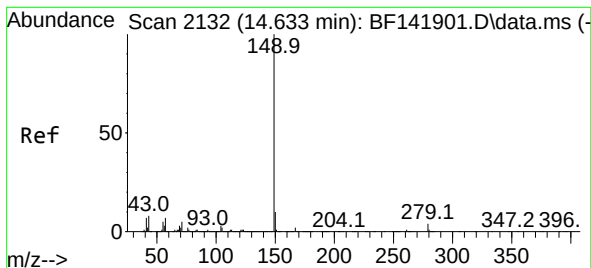
Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Tgt Ion:149 Resp: 466870

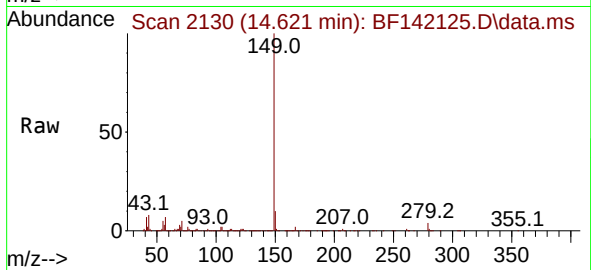
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 41.987 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

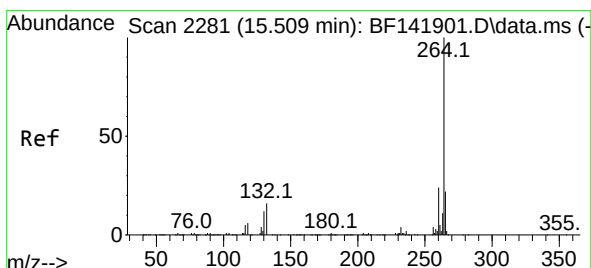
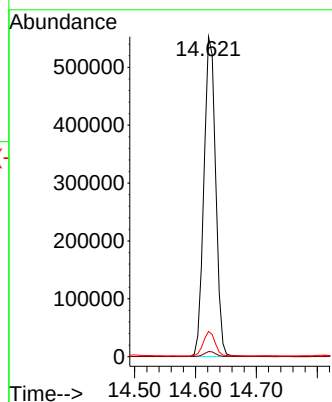
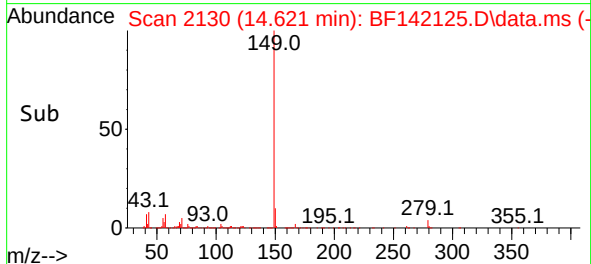
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:149 Resp: 73797
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.9 10.3

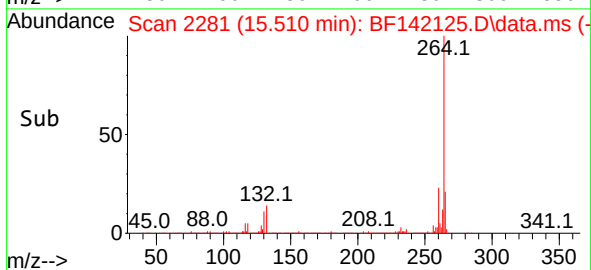
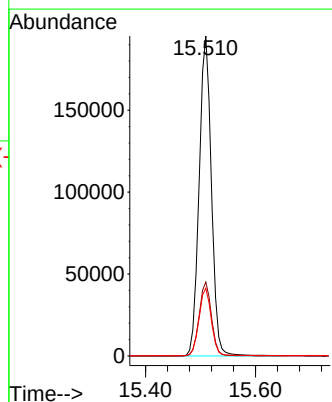
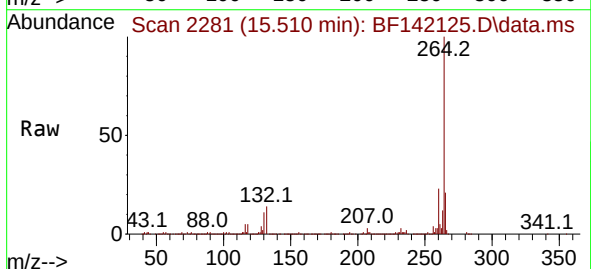
Manual Integrations
APPROVED

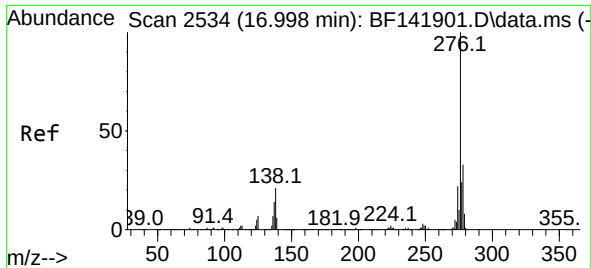
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

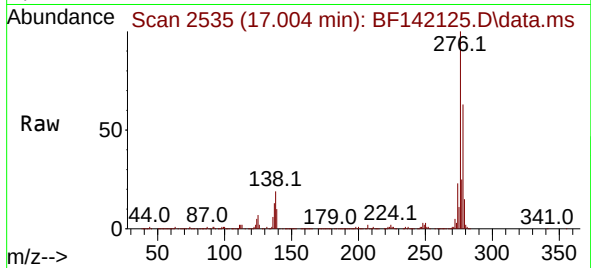
Tgt Ion:264 Resp: 302888
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.2 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.215 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

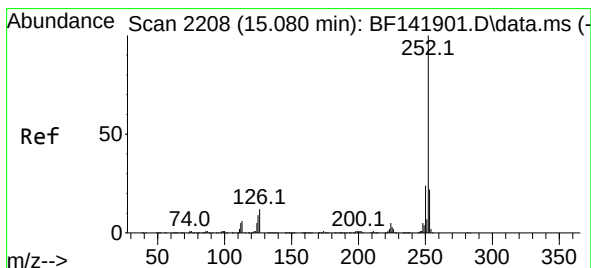
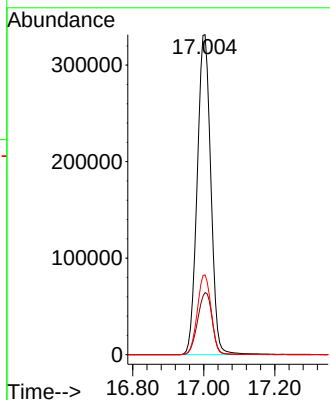
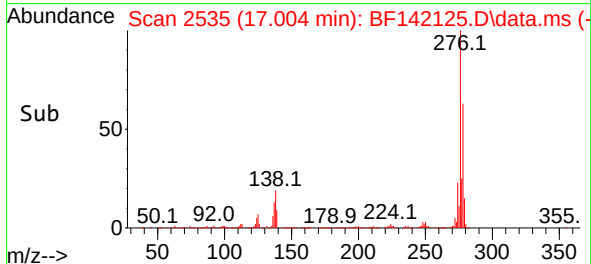
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:276 Resp: 885912
Ion Ratio Lower Upper
276 100
138 20.6 18.4 27.6
277 25.4 20.3 30.5

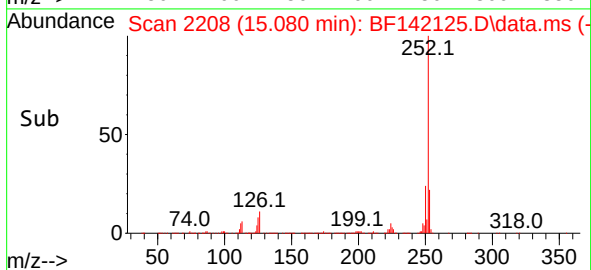
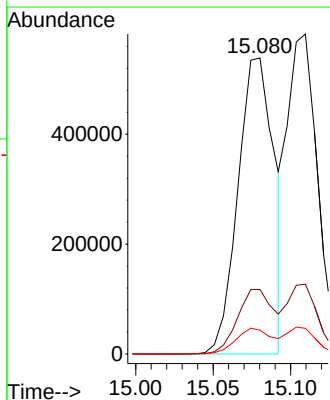
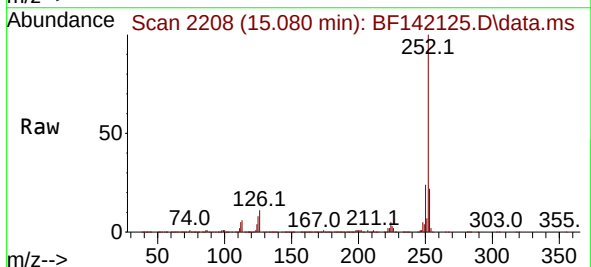
Manual Integrations
APPROVED

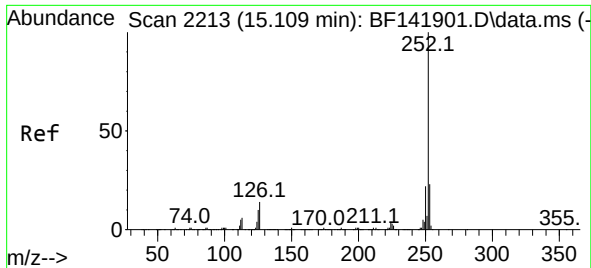
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#88
Benzo(b)fluoranthene
Concen: 42.214 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

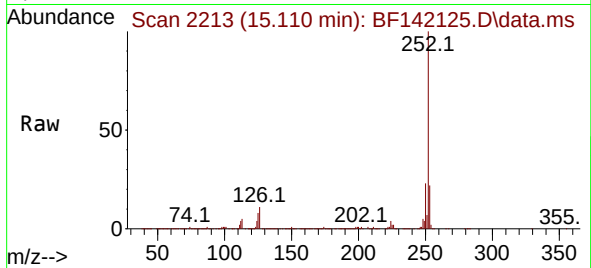
Tgt Ion:252 Resp: 876313
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.1 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 44.500 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

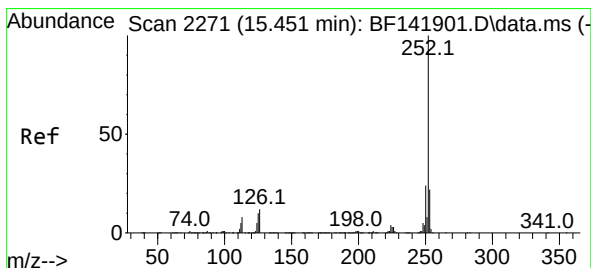
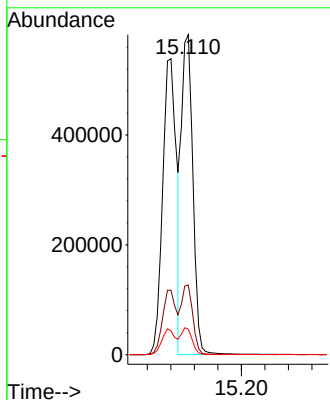
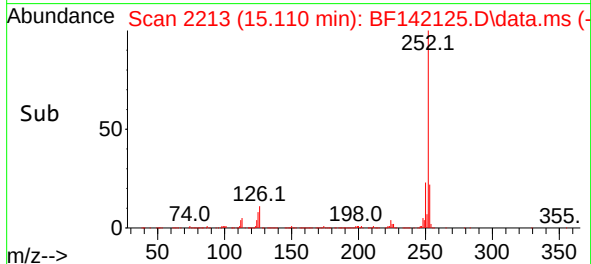
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:252 Resp: 79052
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.0 7.2 10.8

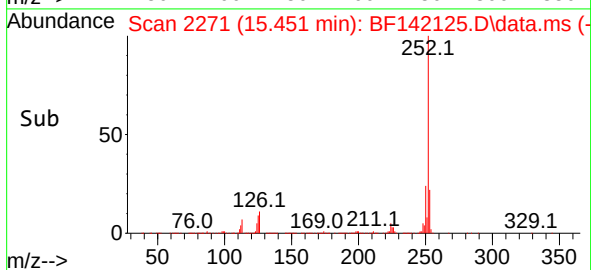
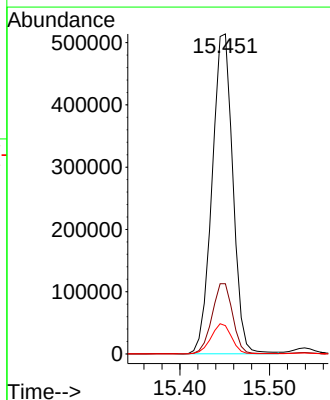
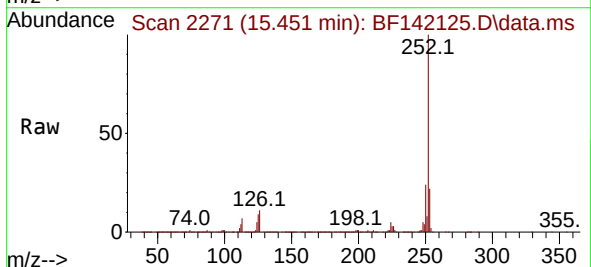
Manual Integrations
APPROVED

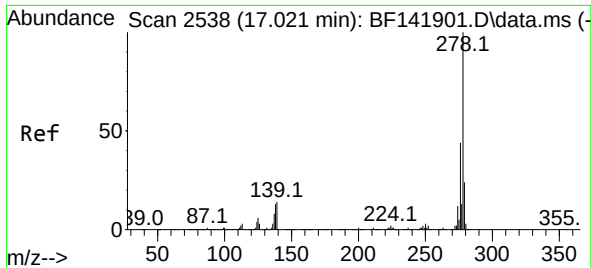
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#90
Benzo(a)pyrene
Concen: 50.752 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

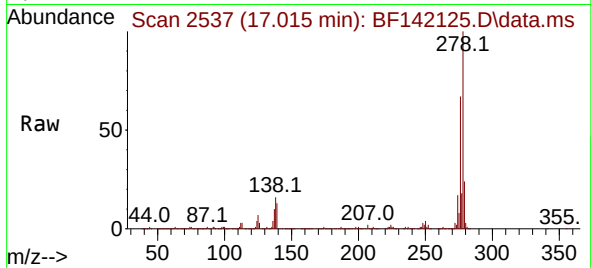
Tgt Ion:252 Resp: 824350
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 43.843 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

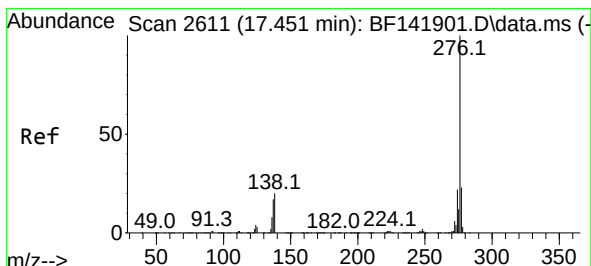
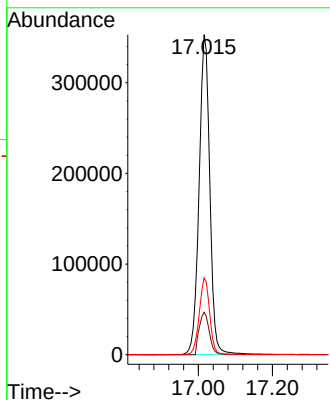
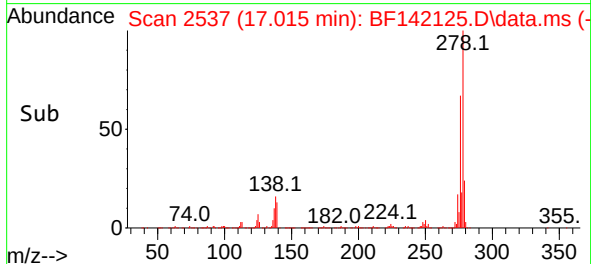
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:278 Resp: 70876
Ion Ratio Lower Upper
278 100
139 13.3 11.4 17.2
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#92
Benzo(g,h,i)perylene
Concen: 39.843 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:276 Resp: 636501
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 17.3 15.8 23.8

