

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141975.D
 Acq On : 17 Mar 2025 10:38
 Operator : RC/JU
 Sample : PB167138BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167138BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 11:43:56 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	6.881	152	141222	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	554560	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	303781	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	504498	20.000	ng	0.00
76) Chrysene-d12	14.039	240	333828	20.000	ng	0.00
86) Perylene-d12	15.510	264	362947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1144674	135.277	ng	0.01
7) Phenol-d6	6.504	99	1377549	127.864	ng	0.00
23) Nitrobenzene-d5	7.440	82	911392	92.487	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	561156	145.609	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1928417	96.542	ng	0.00
79) Terphenyl-d14	12.986	244	2190697	97.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	149288	42.107	ng	99
3) Pyridine	3.493	79	344150	39.572	ng	99
4) n-Nitrosodimethylamine	3.440	42	171417	41.349	ng	97
6) Aniline	6.540	93	389591	36.657	ng	99
8) 2-Chlorophenol	6.663	128	417463	44.484	ng	98
9) Benzaldehyde	6.428	77	119570	19.844	ng	98
10) Phenol	6.522	94	486931	42.962	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	363418	42.702	ng	98
12) 1,3-Dichlorobenzene	6.822	146	453659	44.776	ng	98
13) 1,4-Dichlorobenzene	6.898	146	462572	45.124	ng	99
14) 1,2-Dichlorobenzene	7.051	146	438794	45.445	ng	98
15) Benzyl Alcohol	7.016	79	361393	41.493	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	416083	40.496	ng	99
17) 2-Methylphenol	7.128	107	324616	43.504	ng	99
18) Hexachloroethane	7.392	117	169165	44.006	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	274538	39.658	ng	99
20) 3+4-Methylphenols	7.281	107	413073	43.219	ng	# 84
22) Acetophenone	7.287	105	621403	46.791	ng	99
24) Nitrobenzene	7.463	77	420610	42.935	ng	97
25) Isophorone	7.698	82	759024	43.574	ng	100
26) 2-Nitrophenol	7.775	139	219217	45.594	ng	98
27) 2,4-Dimethylphenol	7.810	122	354376	53.527	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	458821	41.996	ng	99
29) 2,4-Dichlorophenol	8.016	162	353401	43.005	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	399995	44.169	ng	99
31) Naphthalene	8.181	128	1232135	43.253	ng	100
32) Benzoic acid	7.922	122	274411	47.153	ng	98
33) 4-Chloroaniline	8.228	127	171528	17.057	ng	98
34) Hexachlorobutadiene	8.298	225	271213	45.922	ng	99
35) Caprolactam	8.592	113	116215m	46.387	ng	
36) 4-Chloro-3-methylphenol	8.704	107	379700	41.421	ng	97
37) 2-Methylnaphthalene	8.875	142	785533	41.255	ng	100
38) 1-Methylnaphthalene	8.975	142	763211	41.537	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	467239	50.518	ng	99
41) Hexachlorocyclopentadiene	9.028	237	589586	162.885	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	274137	45.353	ng	98

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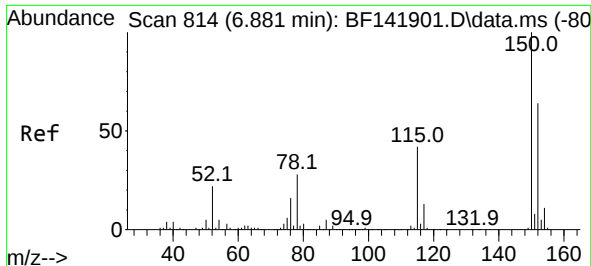
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	277569	45.340	ng	99
46) 1,1'-Biphenyl	9.339	154	1135930	49.213	ng	100
47) 2-Chloronaphthalene	9.363	162	772312	44.892	ng	98
48) 2-Nitroaniline	9.451	65	219480	44.061	ng	99
49) Acenaphthylene	9.781	152	1199637	46.989	ng	100
50) Dimethylphthalate	9.633	163	907577	42.663	ng	100
51) 2,6-Dinitrotoluene	9.698	165	195897	44.228	ng	92
52) Acenaphthene	9.951	154	891198	49.673	ng	98
53) 3-Nitroaniline	9.863	138	115933	25.804	ng	98
54) 2,4-Dinitrophenol	9.975	184	229567	90.300	ng	# 44
55) Dibenzofuran	10.122	168	1089954	42.516	ng	98
56) 4-Nitrophenol	10.022	139	332090	98.013	ng	96
57) 2,4-Dinitrotoluene	10.098	165	268357	46.388	ng	99
58) Fluorene	10.463	166	858236	43.412	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	245735	44.112	ng	97
60) Diethylphthalate	10.333	149	887112	41.821	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	445540	43.227	ng	97
62) 4-Nitroaniline	10.480	138	186945	42.739	ng	98
63) Azobenzene	10.616	77	797922	40.461	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	146872	48.835	ng	99
66) n-Nitrosodiphenylamine	10.575	169	745411	45.659	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	284479	44.899	ng	97
68) Hexachlorobenzene	11.010	284	326018	46.916	ng	97
69) Atrazine	11.098	200	297313	59.405	ng	99
70) Pentachlorophenol	11.204	266	399175	93.232	ng	99
71) Phenanthrene	11.428	178	1241805	45.572	ng	99
72) Anthracene	11.480	178	1291431	47.239	ng	99
73) Carbazole	11.627	167	1058886	44.912	ng	100
74) Di-n-butylphthalate	11.963	149	1322057	42.260	ng	99
75) Fluoranthene	12.610	202	1227371	42.462	ng	100
77) Benzidine	12.733	184	321618	69.053	ng	99
78) Pyrene	12.839	202	1235470	42.785	ng	99
80) Butylbenzylphthalate	13.457	149	476110	42.125	ng	99
81) Benzo(a)anthracene	14.027	228	999408	45.623	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	202082	31.922	ng	99
83) Chrysene	14.063	228	939417	47.309	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	684813	43.945	ng	100
85) Di-n-octyl phthalate	14.627	149	1104861	50.956	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1249375	53.214	ng	98
88) Benzo(b)fluoranthene	15.080	252	968052	38.917	ng	100
89) Benzo(k)fluoranthene	15.110	252	977974	45.942	ng	99
90) Benzo(a)pyrene	15.451	252	931736	47.871	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1022581	52.788	ng	100
92) Benzo(g,h,i)perylene	17.457	276	963992	50.357	ng	98

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

Manual Integrations

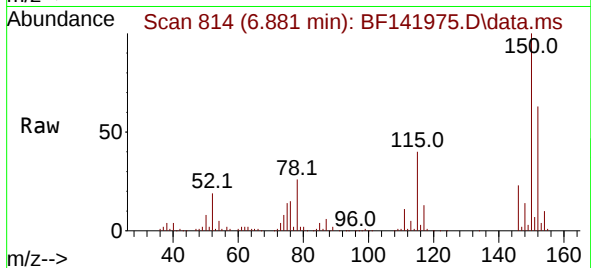
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

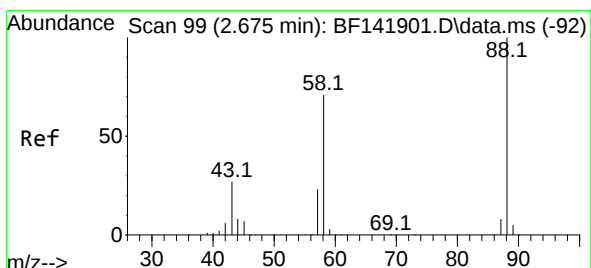
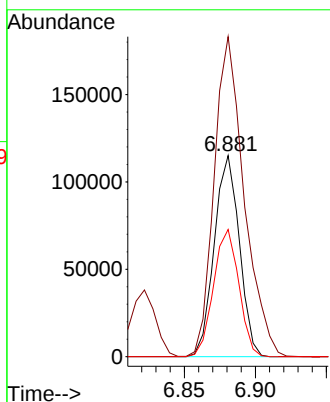
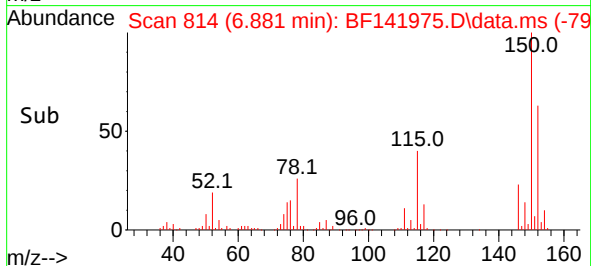
Instrument :
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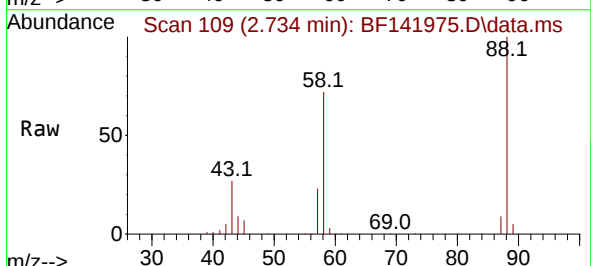
Tgt Ion:152 Resp: 141222
Ion Ratio Lower Upper
152 100
150 159.1 127.4 191.2
115 63.3 51.9 77.9

Manual Integrations
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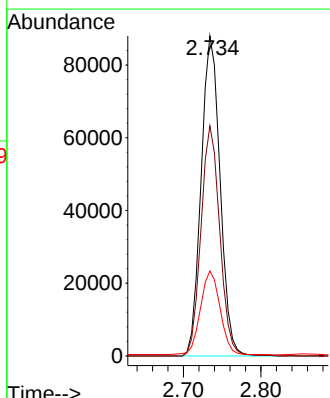
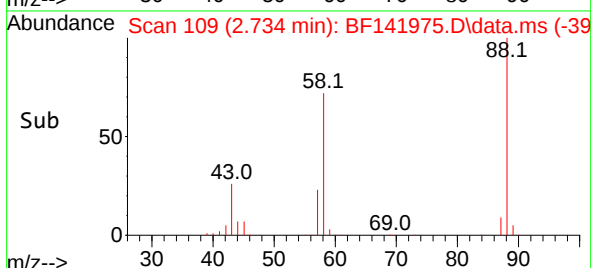
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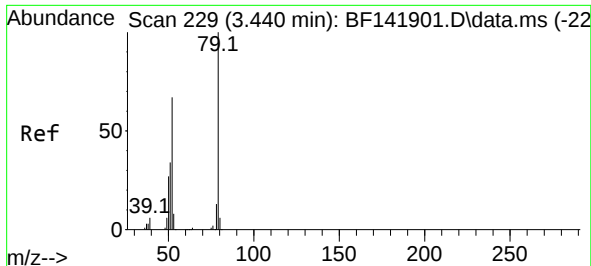


#2
1,4-Dioxane
Concen: 42.107 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.059 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



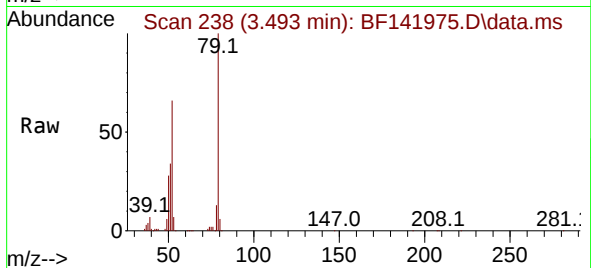
Tgt Ion: 88 Resp: 149288
Ion Ratio Lower Upper
88 100
58 71.3 57.4 86.2
43 27.2 21.5 32.3





#3
Pyridine
Concen: 39.572 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

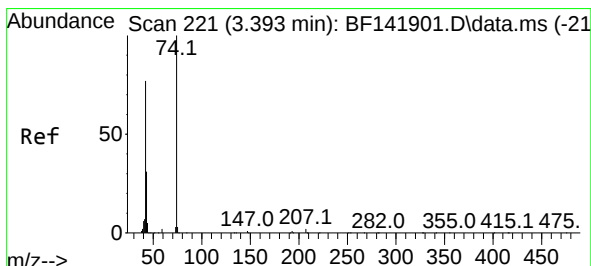
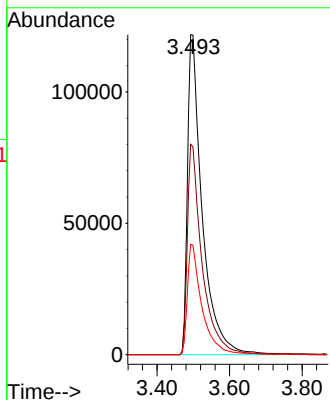
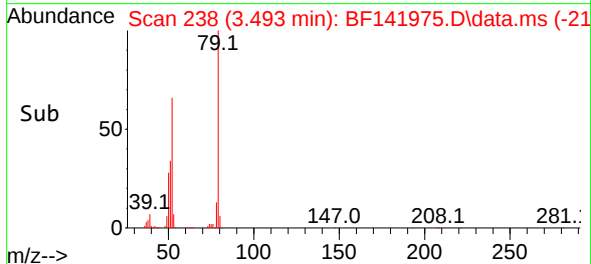
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PB167138BS



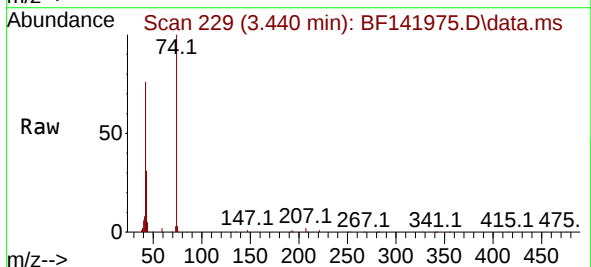
Tgt Ion: 79 Resp: 344150
Ion Ratio Lower Upper
79 100
52 65.7 53.3 79.9
51 34.5 27.6 41.4

Manual Integrations
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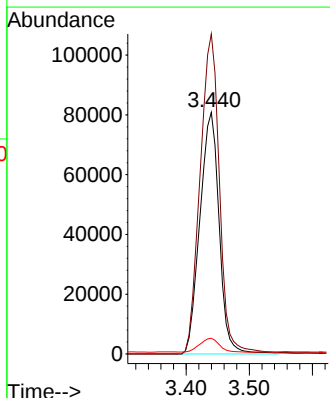
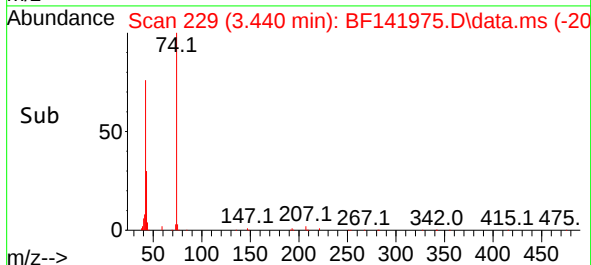
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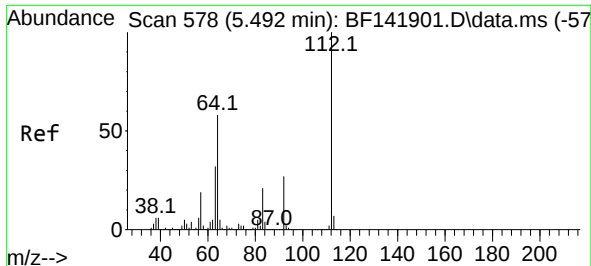


#4
n-Nitrosodimethylamine
Concen: 41.349 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.047 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion: 42 Resp: 171417
Ion Ratio Lower Upper
42 100
74 132.4 103.4 155.0
44 6.5 5.0 7.4





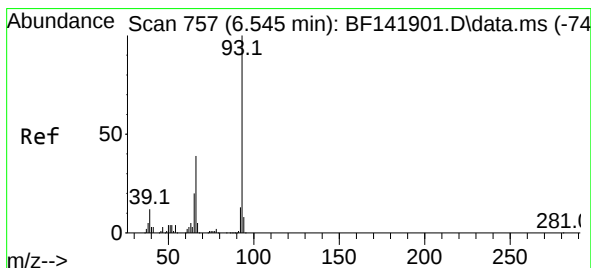
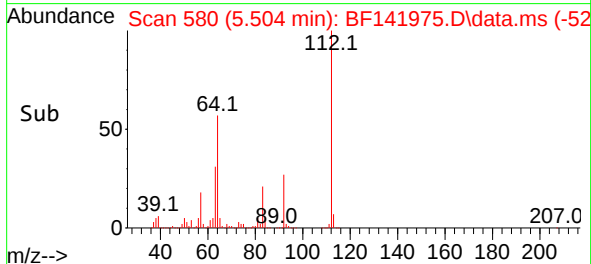
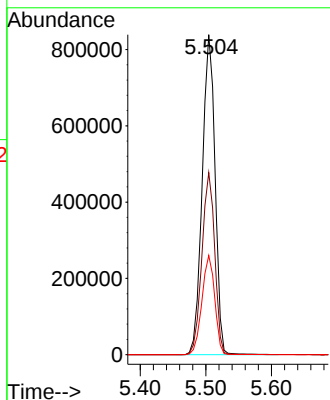
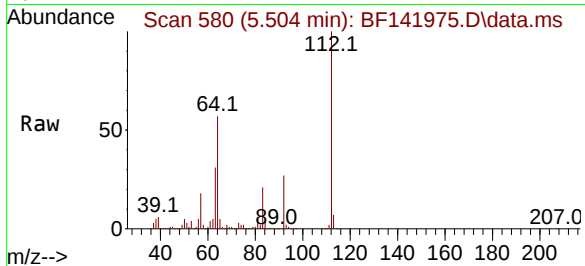
#5
2-Fluorophenol
Concen: 135.277 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1144674
Ion Ratio Lower Upper
112 100
64 56.9 46.5 69.7
63 31.0 25.4 38.2

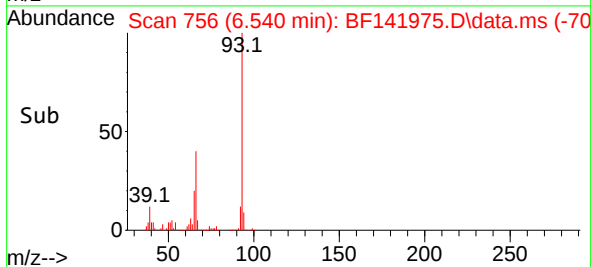
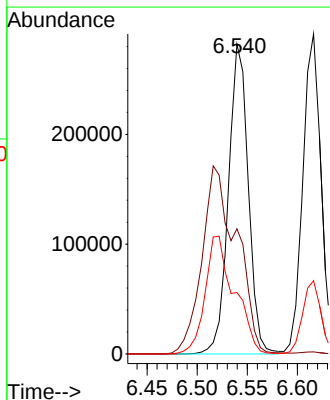
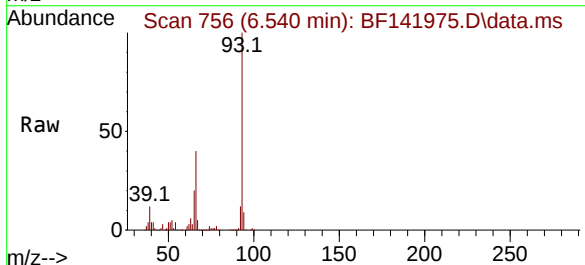
Manual Integrations
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#6
Aniline
Concen: 36.657 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

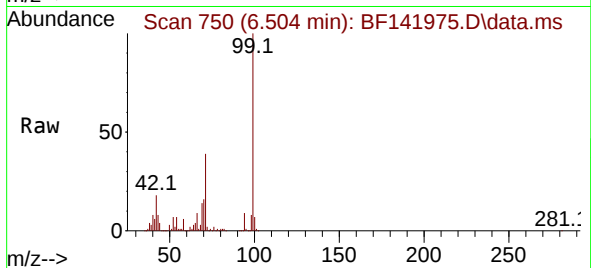
Tgt Ion: 93 Resp: 389591
Ion Ratio Lower Upper
93 100
66 40.4 31.9 47.9
65 19.8 15.8 23.6





#7
Phenol-d6
Concen: 127.864 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

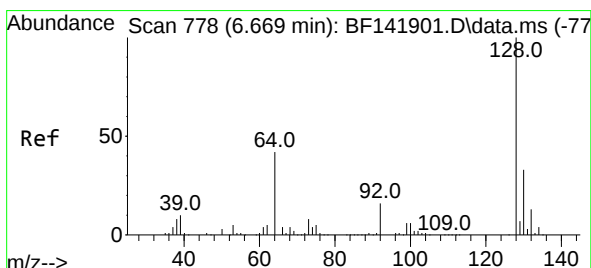
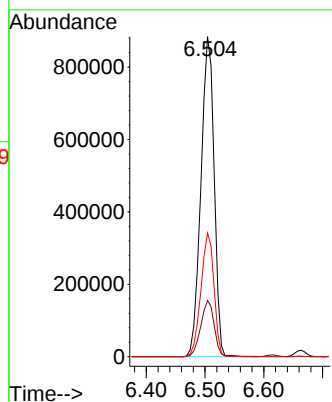
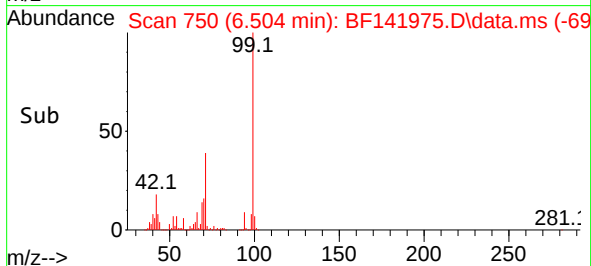
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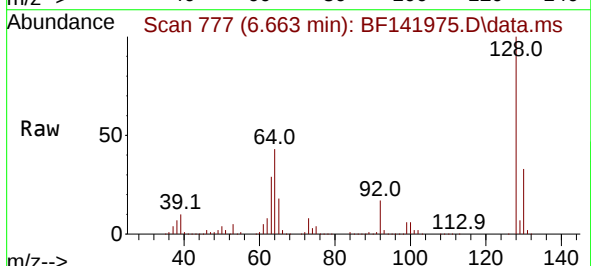
Tgt Ion: 99 Resp: 1377549
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 38.6 30.8 46.2

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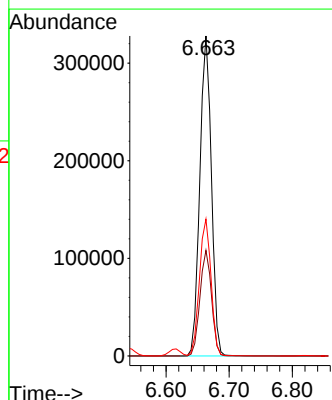
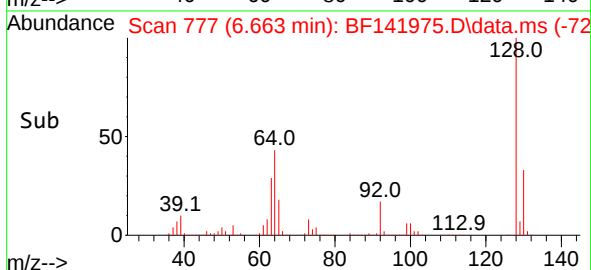
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#8
2-Chlorophenol
Concen: 44.484 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



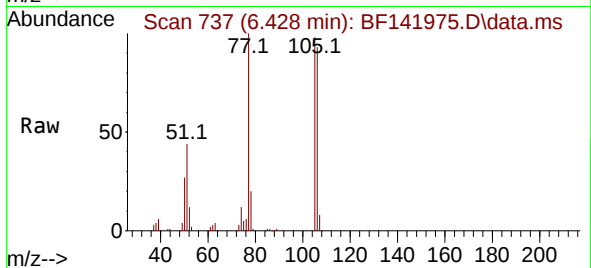
Tgt Ion:128 Resp: 417463
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 42.7 24.4 64.4





#9
Benzaldehyde
Concen: 19.844 ng
RT: 6.428 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

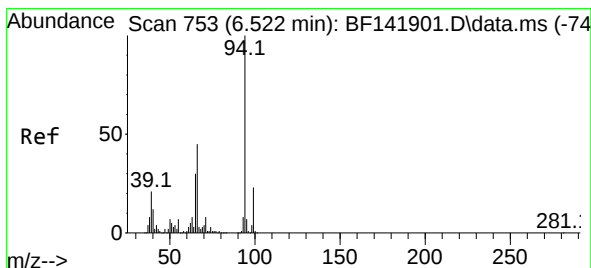
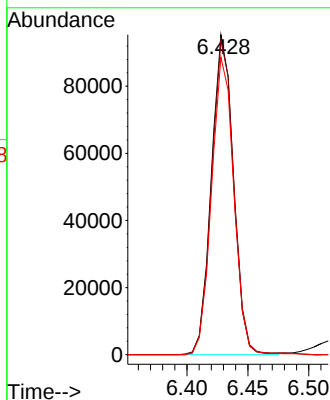
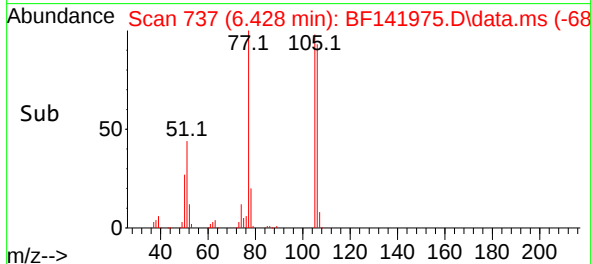
Instrument :
BNA_F
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PB167138BS



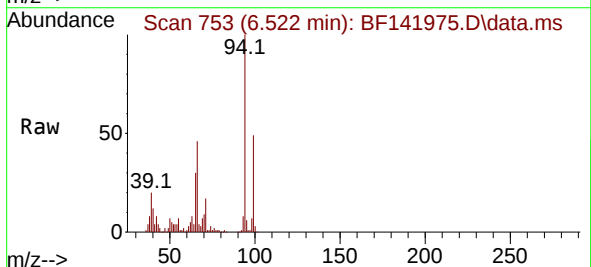
Tgt Ion: 77 Resp: 119570
Ion Ratio Lower Upper
77 100
105 98.2 80.0 120.0
106 92.9 74.5 114.5

Manual Integrations
APPROVED

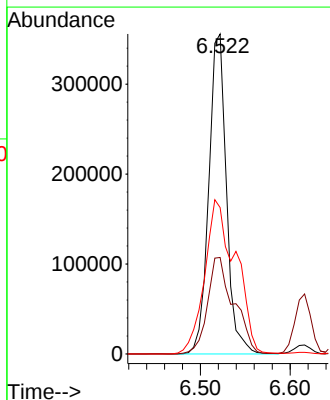
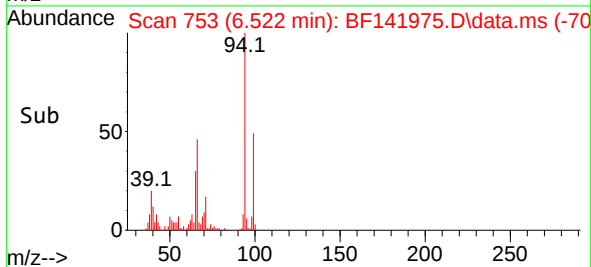
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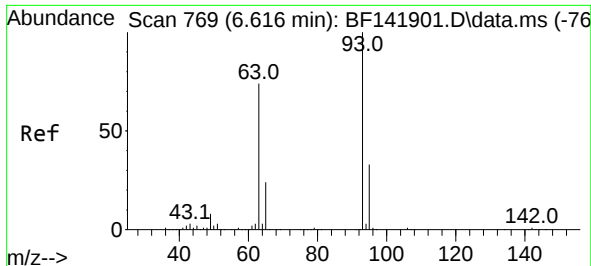


#10
Phenol
Concen: 42.962 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion: 94 Resp: 486931
Ion Ratio Lower Upper
94 100
65 30.1 10.5 50.5
66 45.7 25.8 65.8





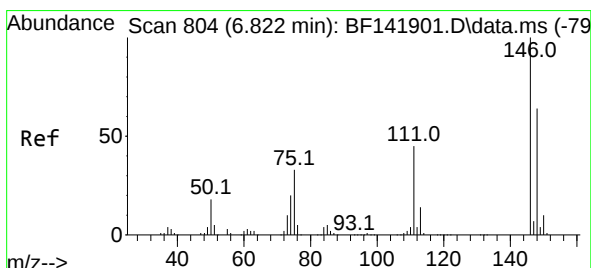
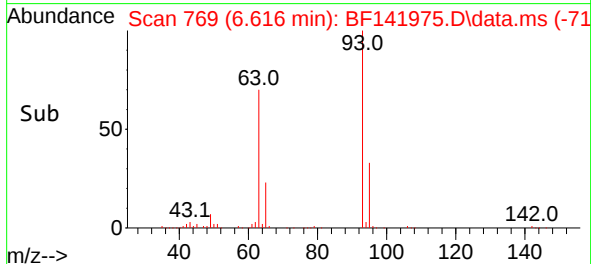
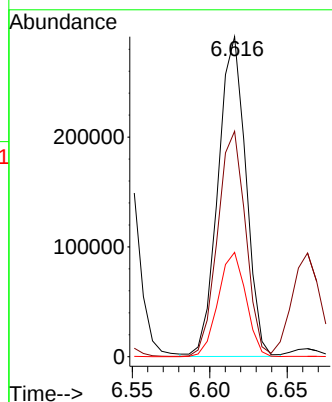
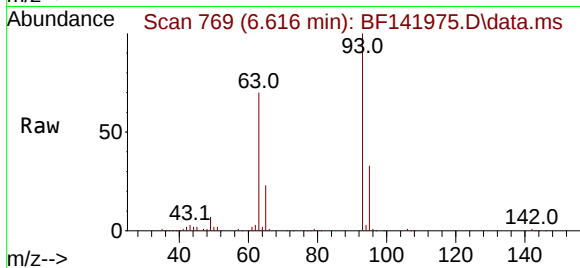
#11
bis(2-Chloroethyl)ether
Concen: 42.702 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB167138BS

Tgt Ion: 93 Resp: 363418
Ion Ratio Lower Upper
93 100
63 70.5 53.0 93.0
95 32.6 12.9 52.9

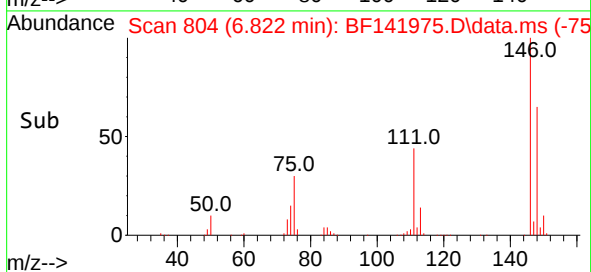
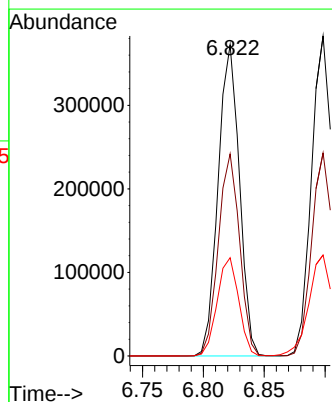
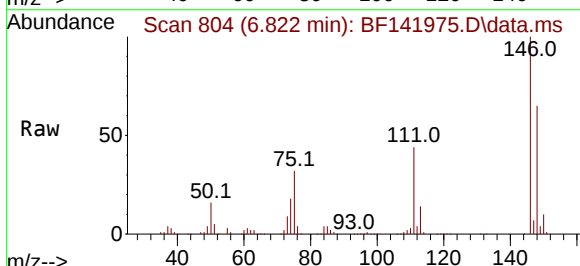
Manual Integrations
APPROVED

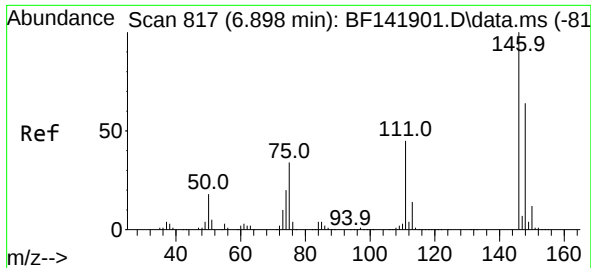
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#12
1,3-Dichlorobenzene
Concen: 44.776 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

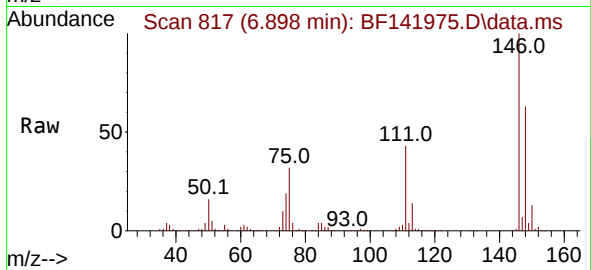
Tgt Ion:146 Resp: 453659
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 31.6 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 45.124 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

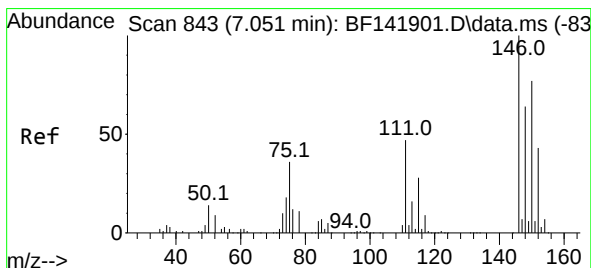
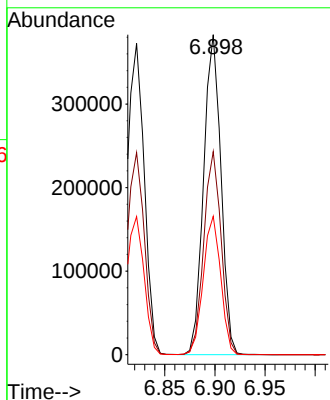
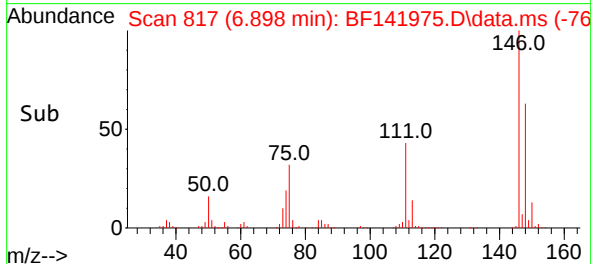
Instrument :
BNA_F
ClientSampleId :
PB167138BS



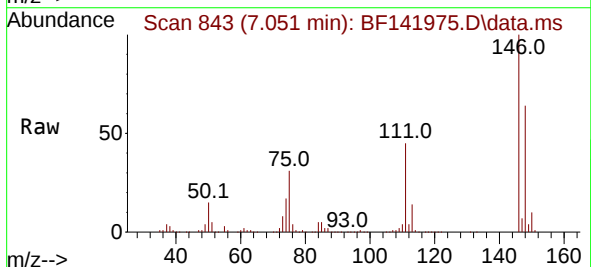
Tgt Ion:146 Resp: 462572
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.3 35.7 53.5

Manual Integrations
APPROVED

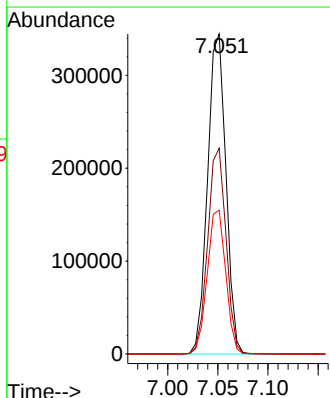
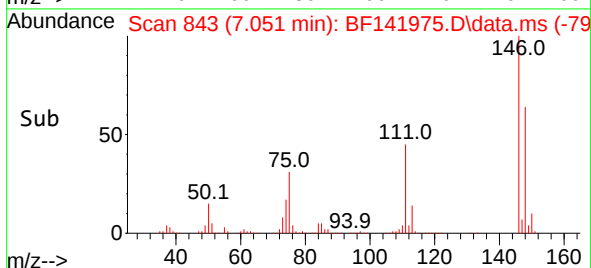
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#14
1,2-Dichlorobenzene
Concen: 45.445 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



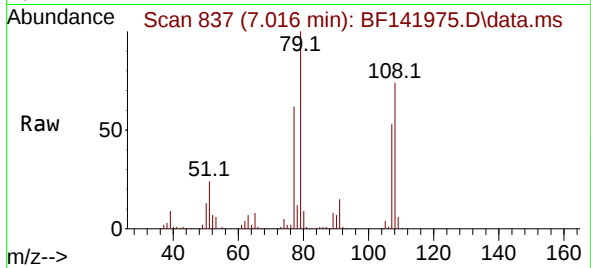
Tgt Ion:146 Resp: 438794
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 44.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 41.493 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

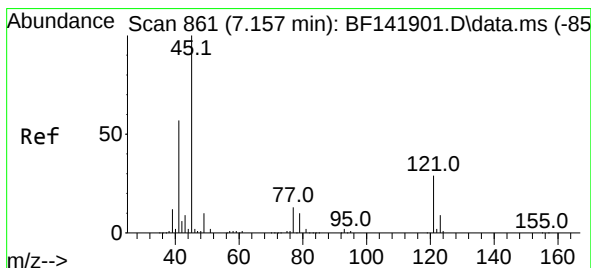
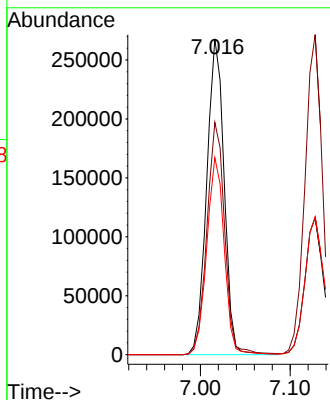
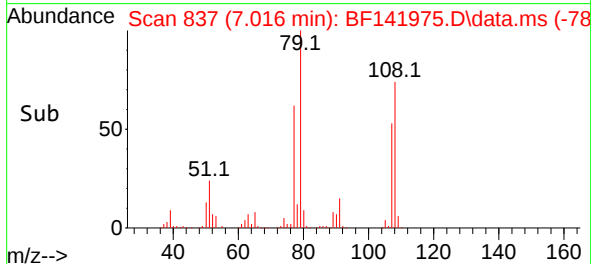
Instrument :
BNA_F
ClientSampleId :
PB167138BS



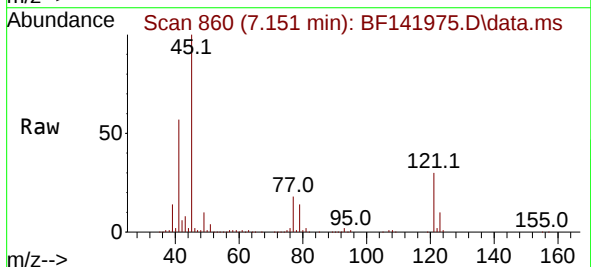
Tgt Ion: 79 Resp: 36139
Ion Ratio Lower Upper
79 100
108 73.6 59.7 89.5
77 62.4 51.0 76.6

Manual Integrations
APPROVED

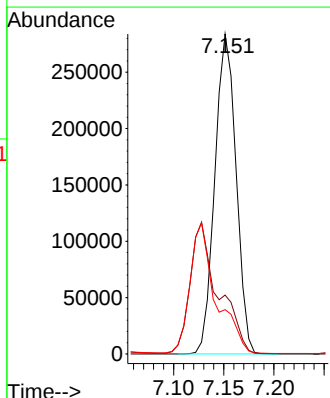
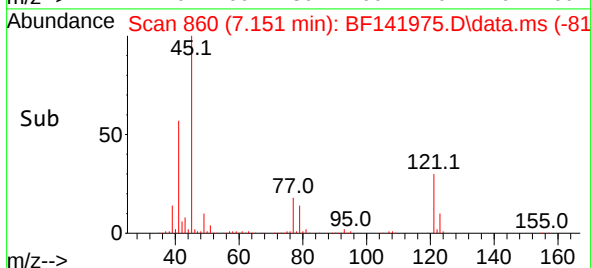
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

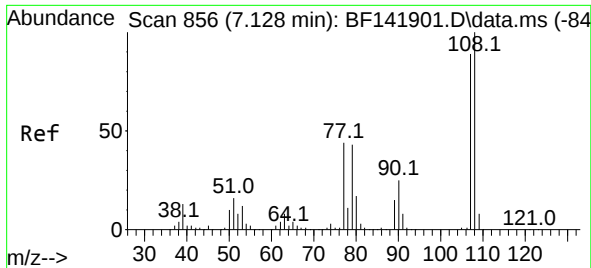


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.496 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion: 45 Resp: 416083
Ion Ratio Lower Upper
45 100
77 18.4 0.0 37.8
79 13.9 0.0 34.2





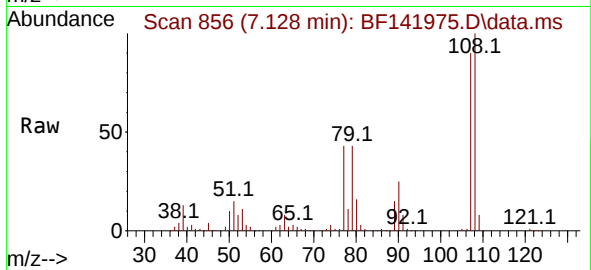
#17
2-Methylphenol
Concen: 43.504 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

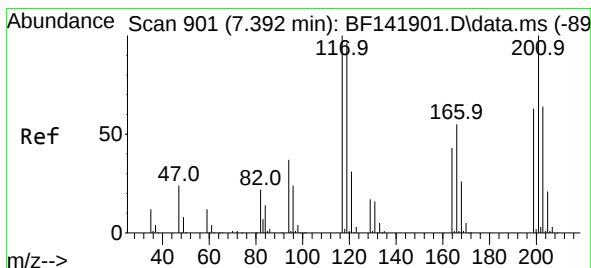
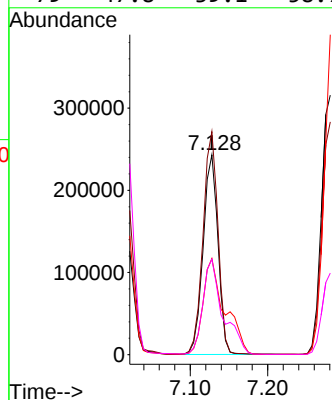


Tgt Ion:107 Resp: 324610
Ion Ratio Lower Upper
107 100
108 111.6 90.2 135.2
77 48.1 39.6 59.4
79 47.8 39.1 58.7

Manual Integrations

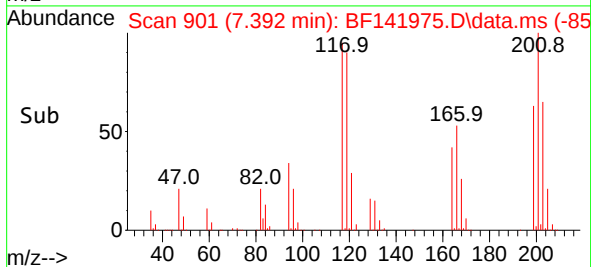
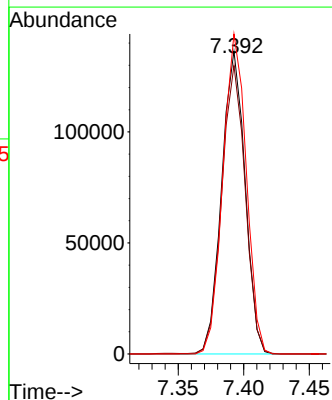
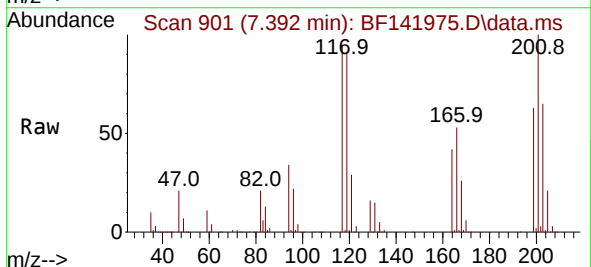
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#18
Hexachloroethane
Concen: 44.006 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:117 Resp: 169165
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 105.7 79.9 119.9





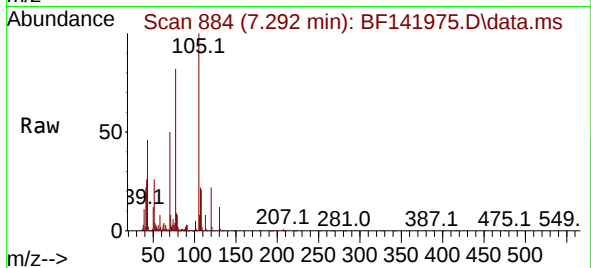
#19
n-Nitroso-di-n-propylamine
Concen: 39.658 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

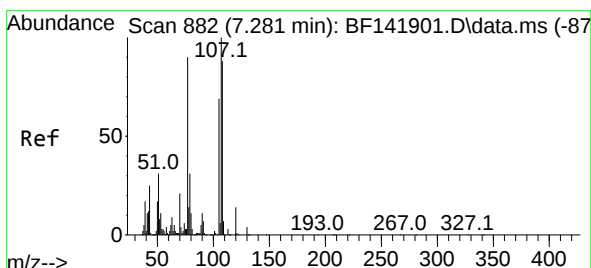
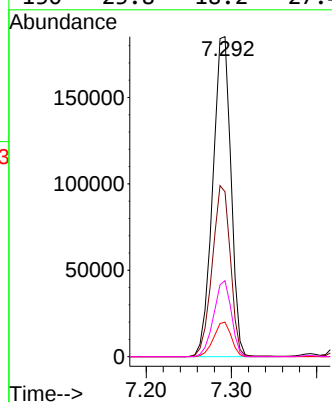
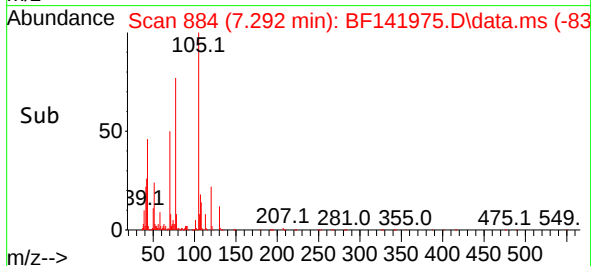


Tgt Ion: 70 Resp: 274538
Ion Ratio Lower Upper
70 100
42 51.6 41.4 62.0
101 10.8 8.2 12.2
130 23.8 18.2 27.4

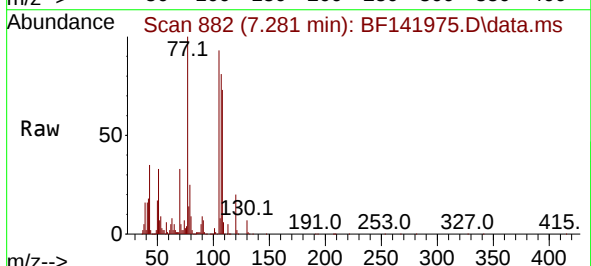
Manual Integrations

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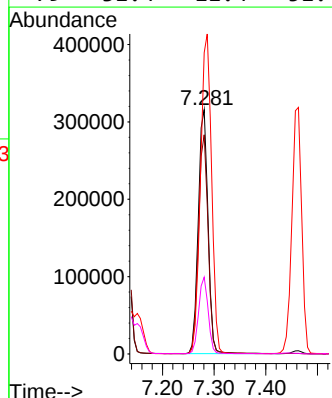
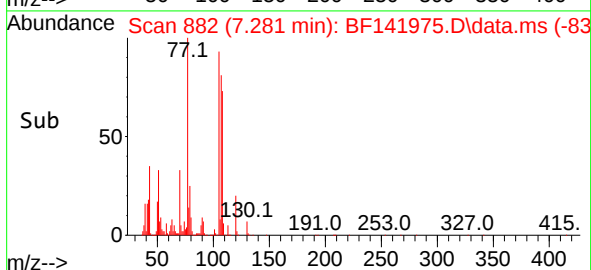
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#20
3+4-Methylphenols
Concen: 43.219 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:107 Resp: 413073
Ion Ratio Lower Upper
107 100
108 89.7 68.4 108.4
77 123.3 69.7 109.7#
79 31.4 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

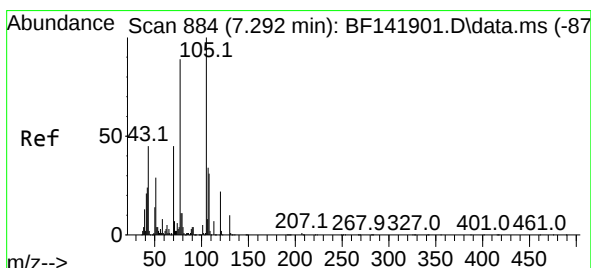
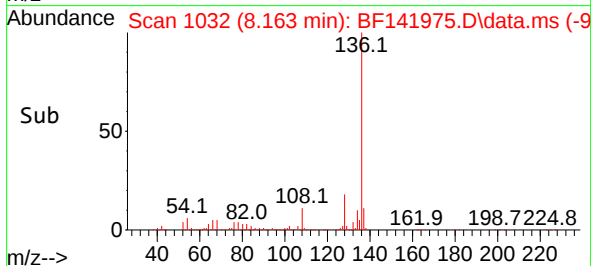
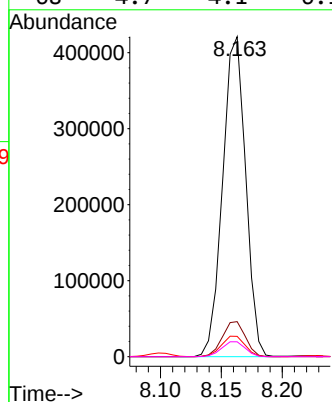
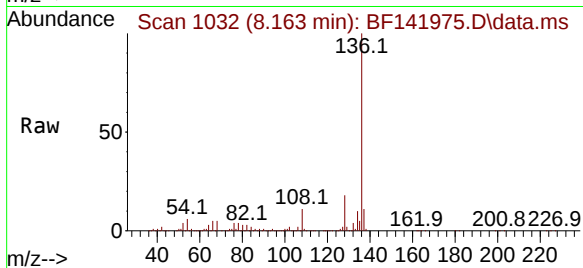
PB167138BS

Tgt Ion:136 Resp: 554560
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.8 8.8
68 4.7 4.1 6.1

Manual Integrations

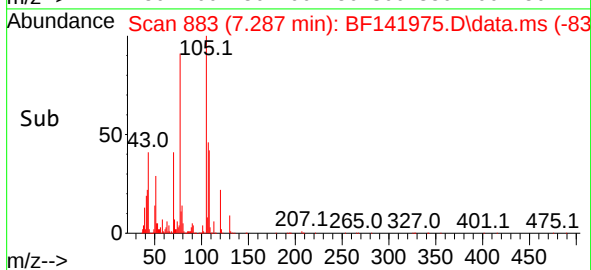
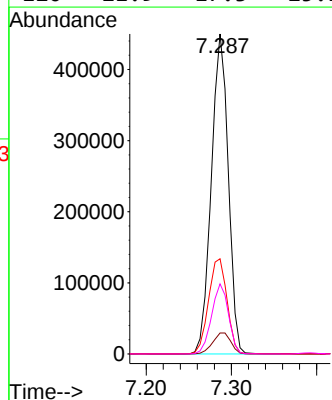
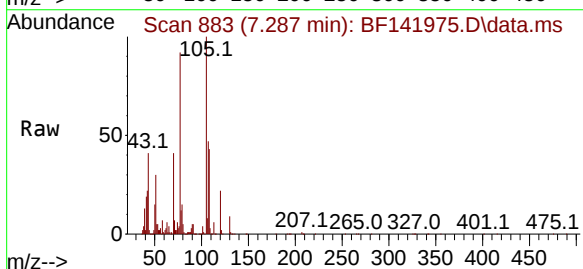
APPROVED

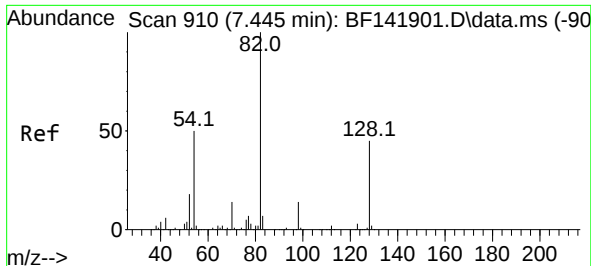
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#22
Acetophenone
Concen: 46.791 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:105 Resp: 621403
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.8
51 29.8 23.4 35.0
120 21.9 17.3 25.9





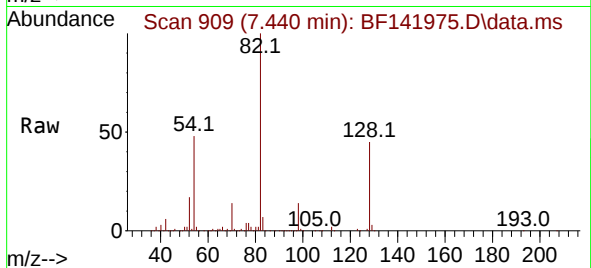
#23
Nitrobenzene-d5
Concen: 92.487 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

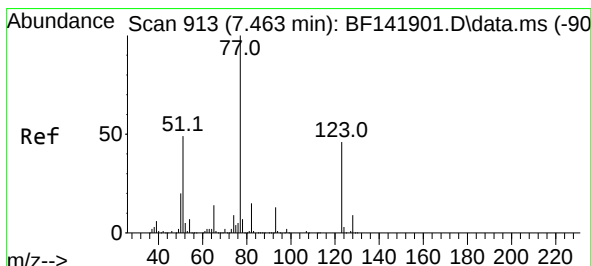
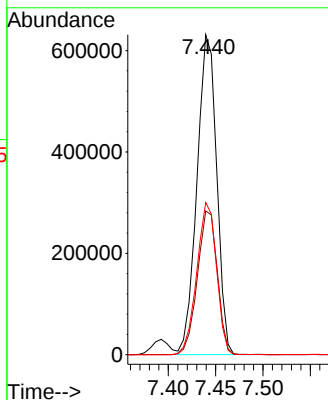
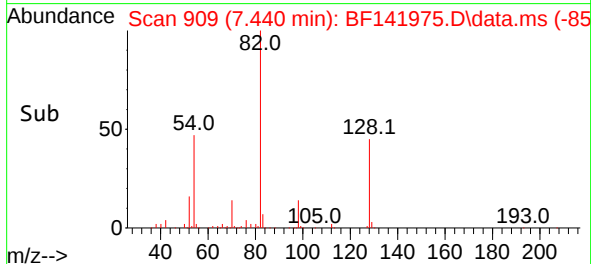
PB167138BS



Tgt Ion: 82 Resp: 911392
Ion Ratio Lower Upper
82 100
128 44.9 36.0 54.0
54 47.5 39.6 59.4

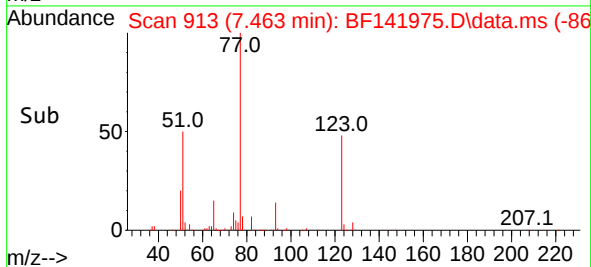
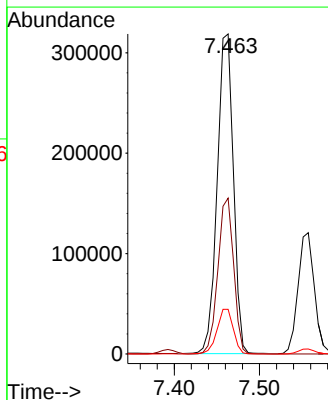
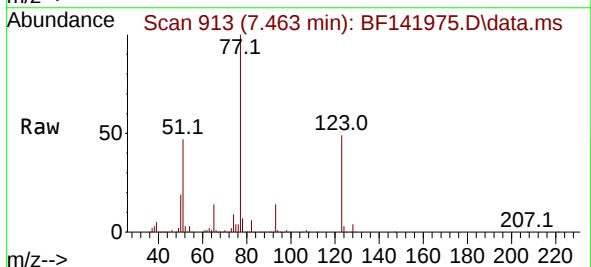
Manual Integrations
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Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#24
Nitrobenzene
Concen: 42.935 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

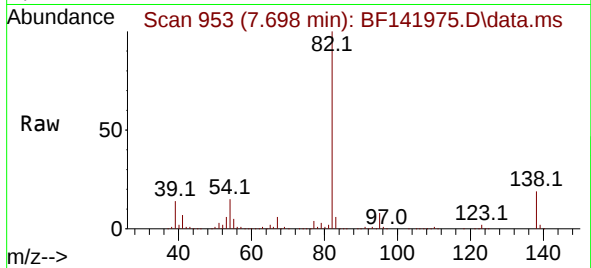
Tgt Ion: 77 Resp: 420610
Ion Ratio Lower Upper
77 100
123 48.7 37.0 55.4
65 13.9 11.3 16.9





#25
Isophorone
Concen: 43.574 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

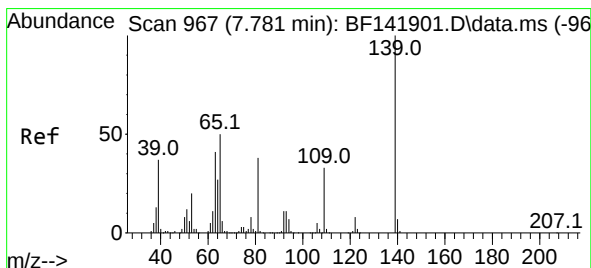
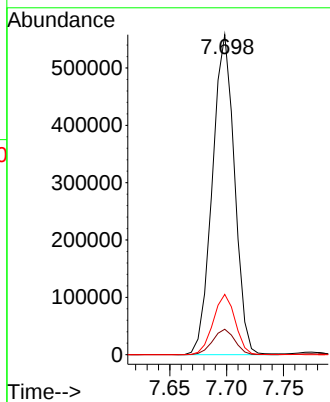
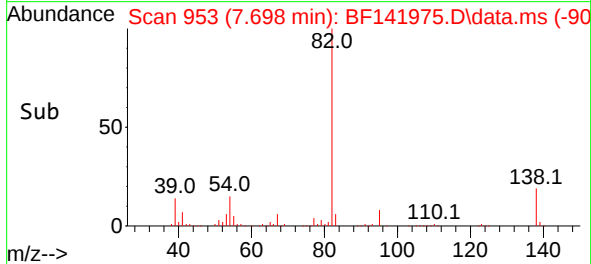
Instrument :
BNA_F
ClientSampleId :
PB167138BS



Tgt Ion: 82 Resp: 759024
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.9 14.9 22.3

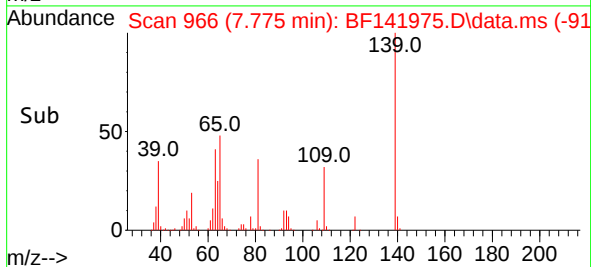
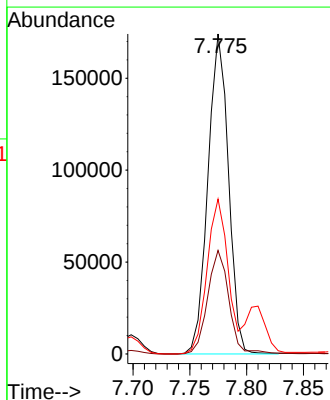
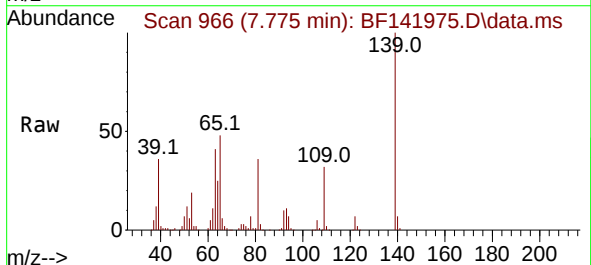
Manual Integrations
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Supervised By :Jagrut Upadhyay 03/18/2025



#26
2-Nitrophenol
Concen: 45.594 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:139 Resp: 219217
Ion Ratio Lower Upper
139 100
109 32.3 26.5 39.7
65 48.4 40.3 60.5





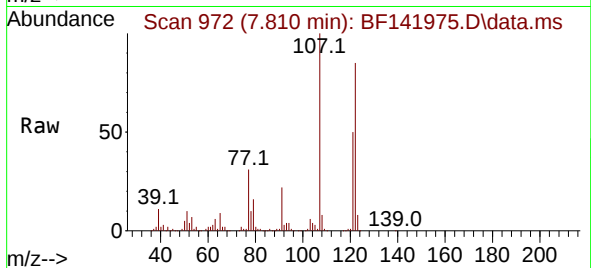
#27
2,4-Dimethylphenol
Concen: 53.527 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

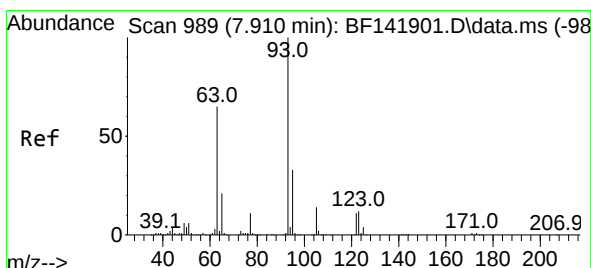
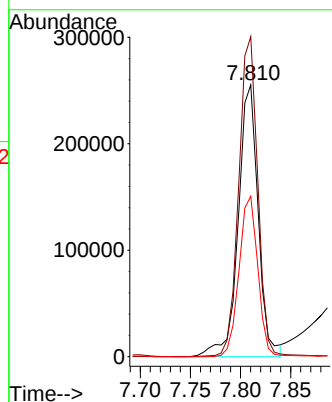
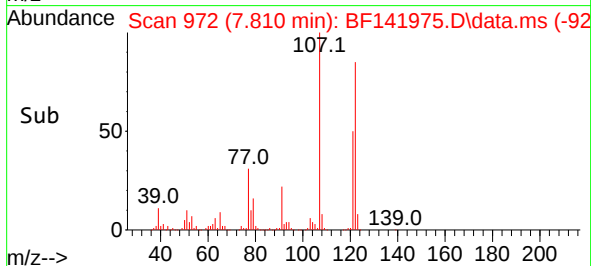


Tgt Ion:122 Resp: 354370
Ion Ratio Lower Upper
122 100
107 117.7 94.8 142.2
121 59.0 47.8 71.6

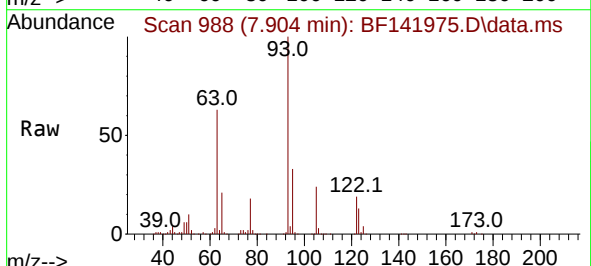
Manual Integrations

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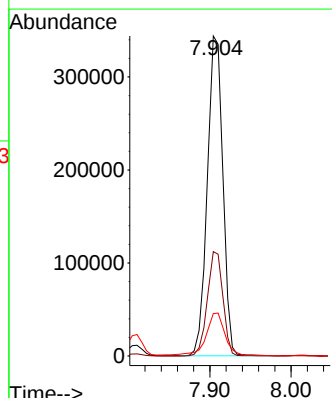
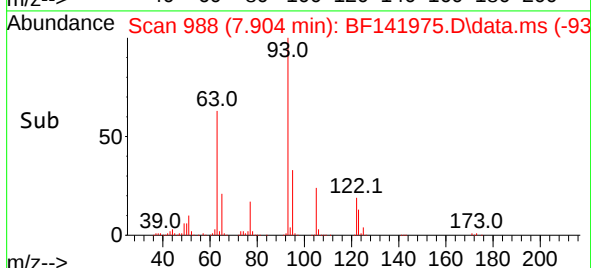
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.996 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion: 93 Resp: 458821
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 13.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.005 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

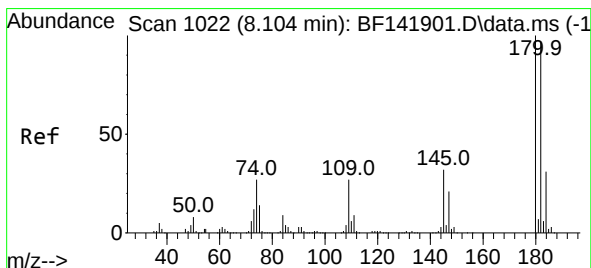
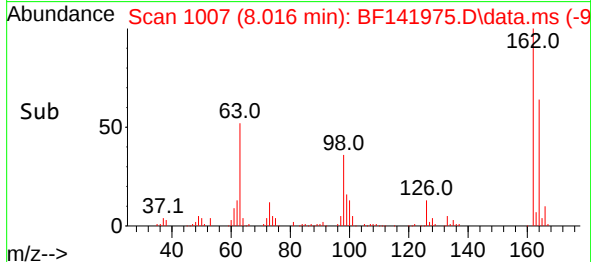
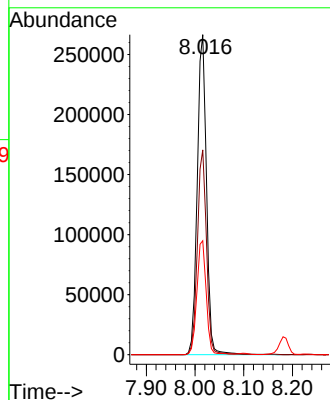
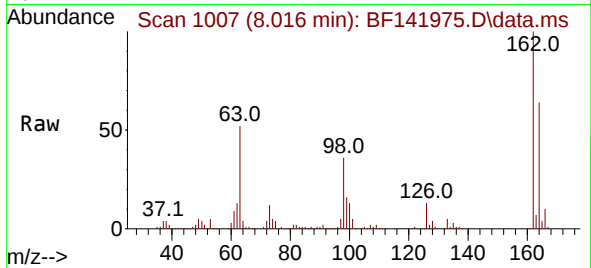
PB167138BS

Tgt Ion:162 Resp: 35340
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.8 83.8
 98 35.6 18.1 58.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.169 ng

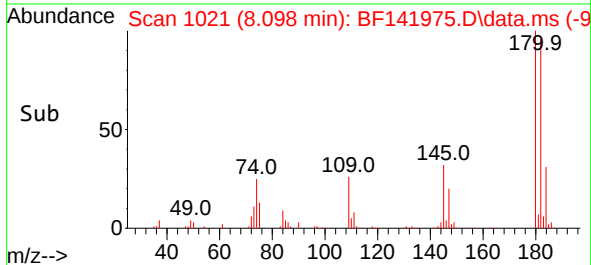
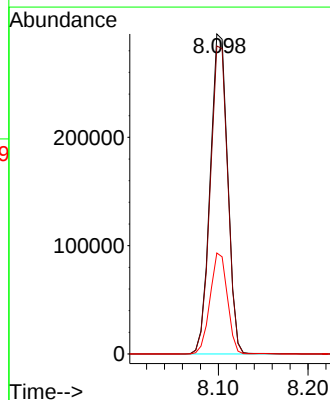
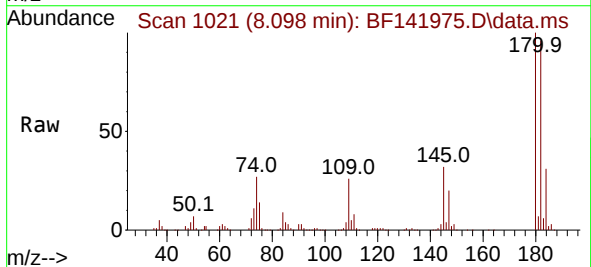
RT: 8.098 min Scan# 1021

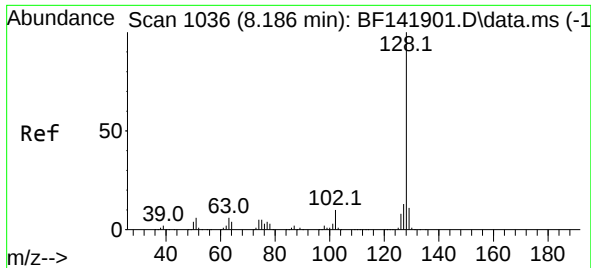
Delta R.T. -0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Tgt Ion:180 Resp: 399995
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.5 116.3
 145 31.6 25.8 38.6





#31
Naphthalene
Concen: 43.253 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

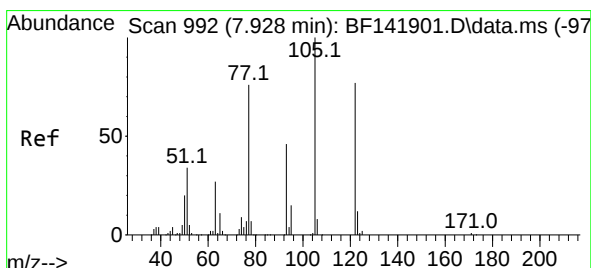
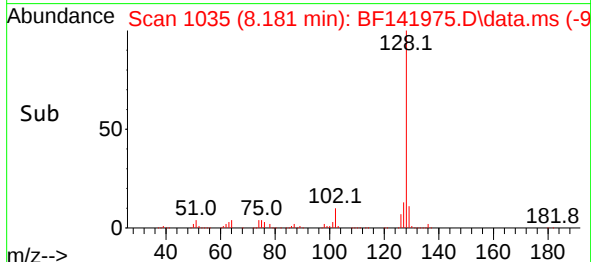
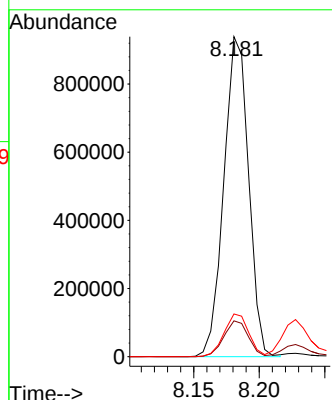
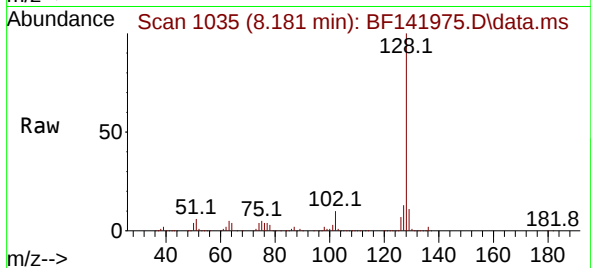
PB167138BS

Tgt Ion:128 Resp: 123213
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

Manual Integrations

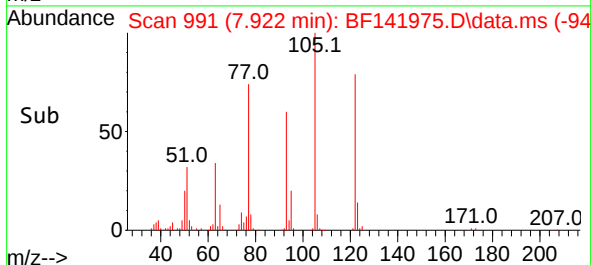
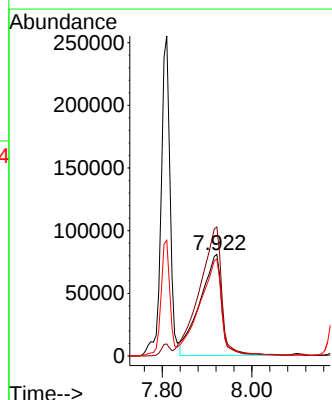
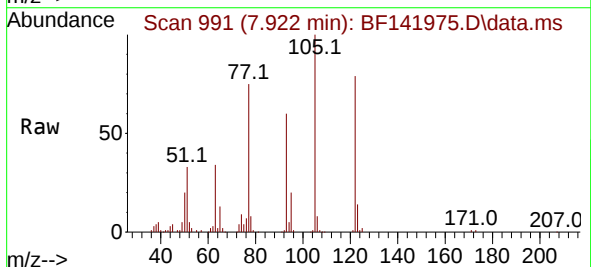
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#32
Benzoic acid
Concen: 47.153 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:122 Resp: 274411
Ion Ratio Lower Upper
122 100
105 127.0 107.9 147.9
77 95.3 79.0 119.0





#33
4-Chloroaniline
Concen: 17.057 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

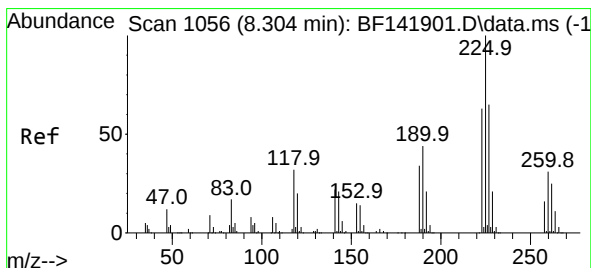
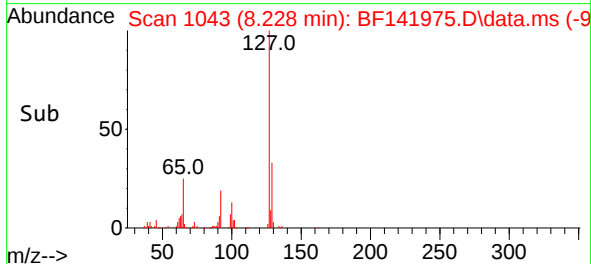
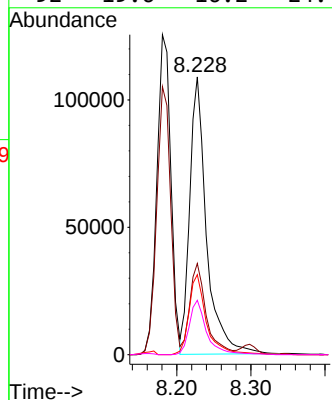
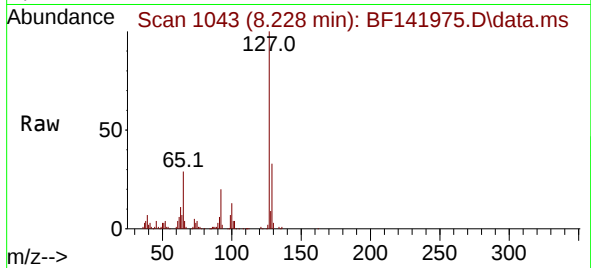
PB167138BS

Tgt Ion:127 Resp: 171528
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 28.8 25.4 38.2
92 19.6 16.2 24.4

Manual Integrations

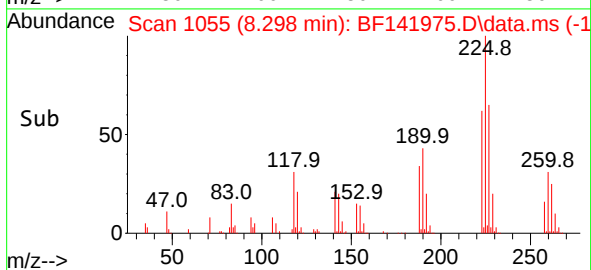
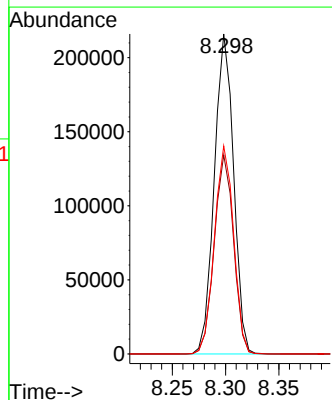
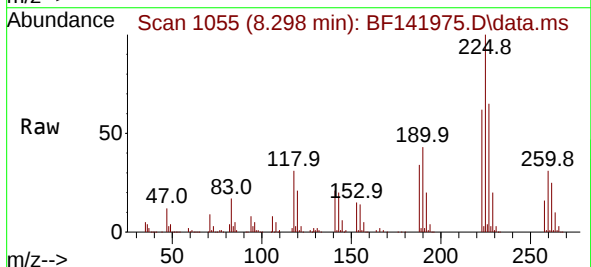
APPROVED

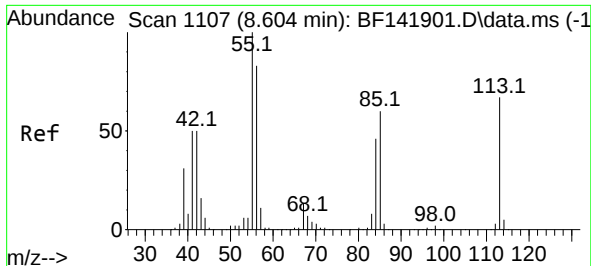
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#34
Hexachlorobutadiene
Concen: 45.922 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

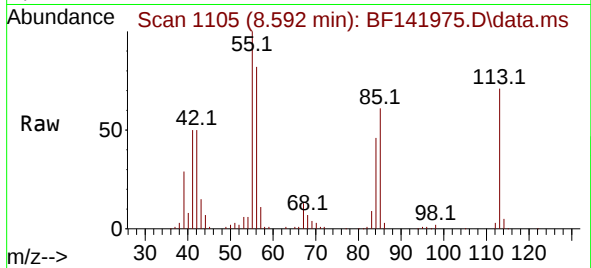
Tgt Ion:225 Resp: 271213
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 65.0 52.2 78.2





#35
Caprolactam
Concen: 46.387 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

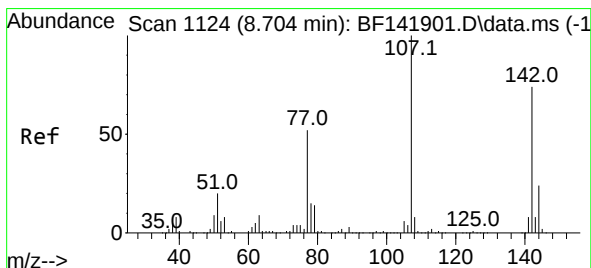
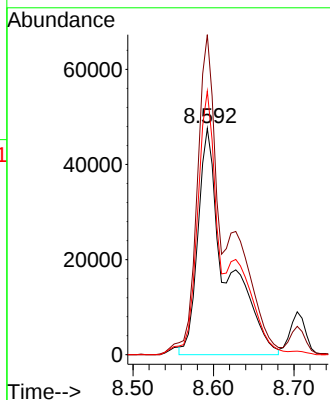
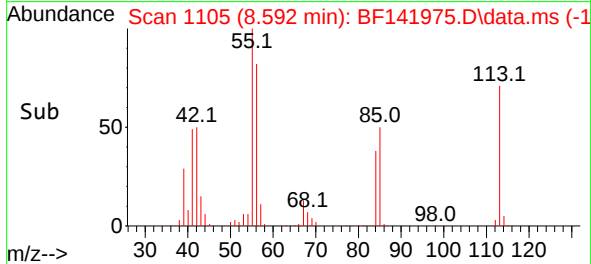
Instrument :
BNA_F
ClientSampleId :
PB167138BS



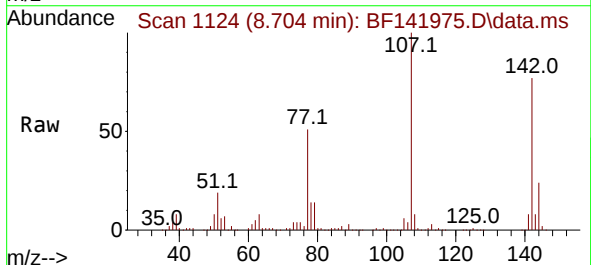
Tgt Ion:113 Resp: 116215
Ion Ratio Lower Upper
113 100
55 141.4 129.6 169.6
56 116.5 104.0 144.0

Manual Integrations
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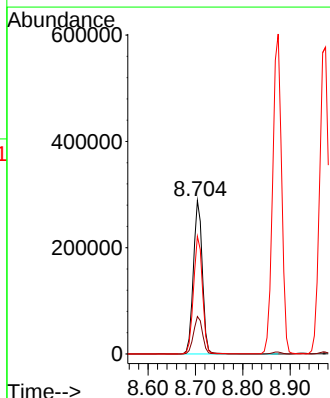
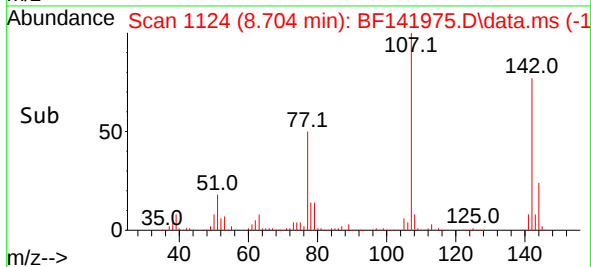
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#36
4-Chloro-3-methylphenol
Concen: 41.421 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:107 Resp: 379700
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 76.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.255 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

Tgt Ion:142 Resp: 78553

Ion Ratio Lower Upper

142 100

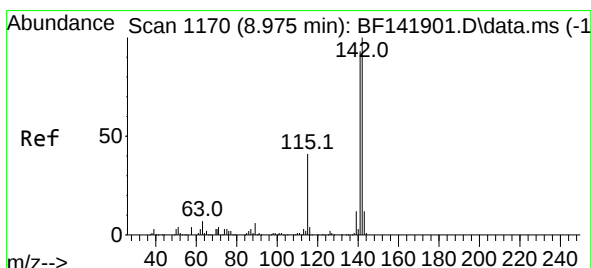
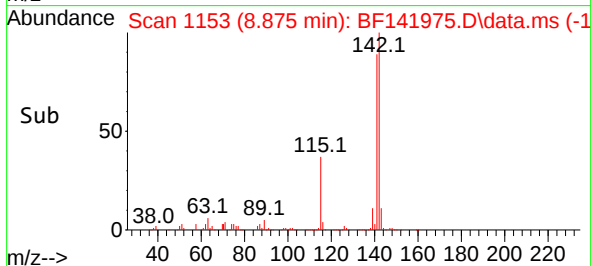
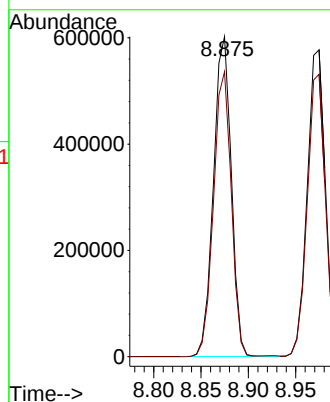
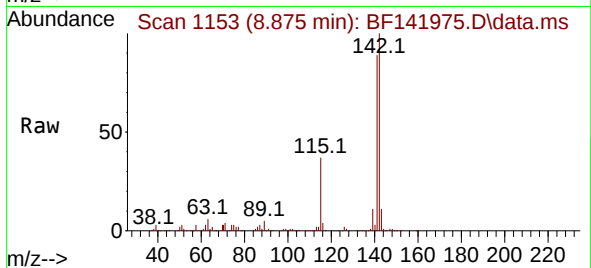
141 89.0 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#38

1-Methylnaphthalene

Concen: 41.537 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141975.D

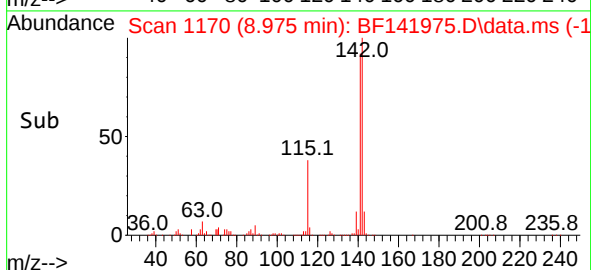
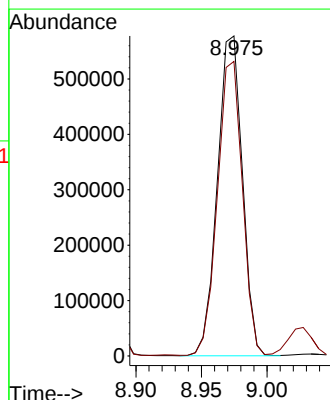
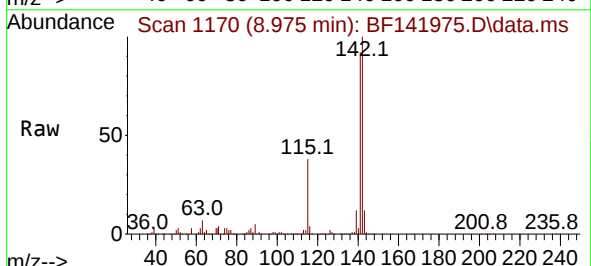
Acq: 17 Mar 2025 10:38

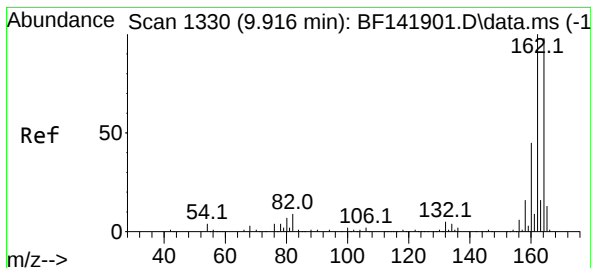
Tgt Ion:142 Resp: 763211

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141975.D

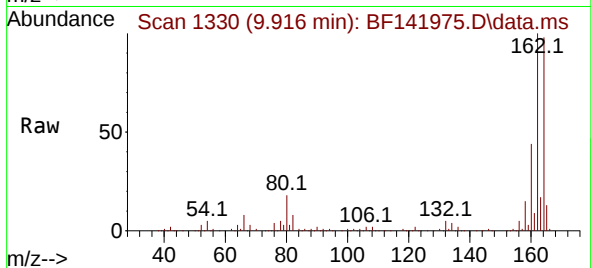
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS



Tgt Ion:164 Resp: 30378

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

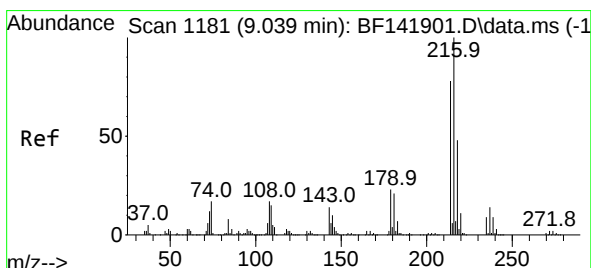
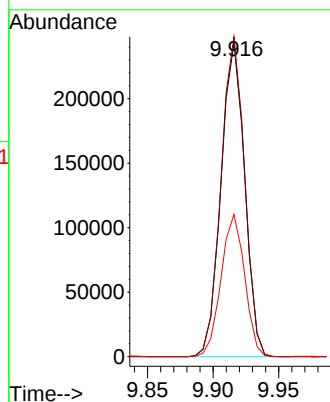
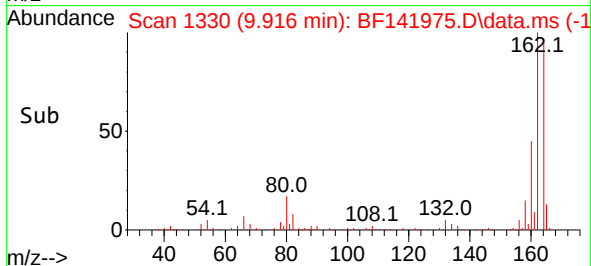
160 45.4 36.7 55.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.518 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Tgt Ion:216 Resp: 467239

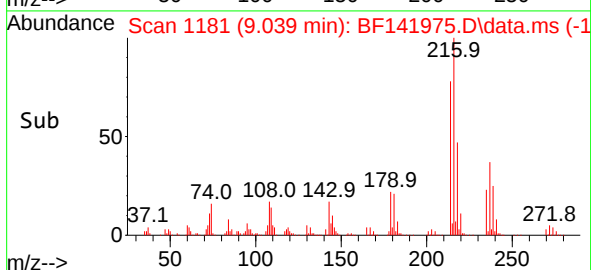
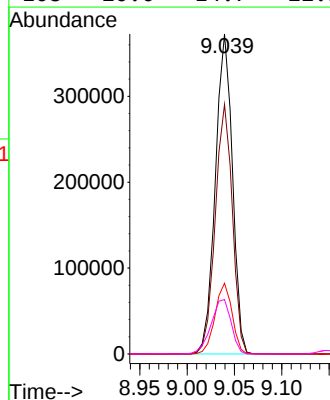
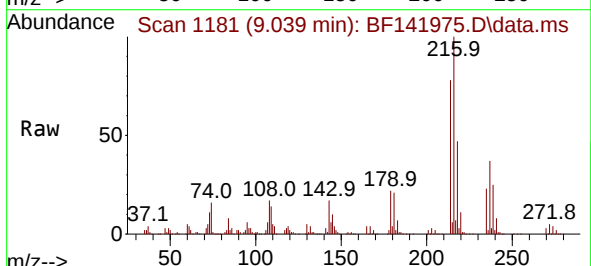
Ion Ratio Lower Upper

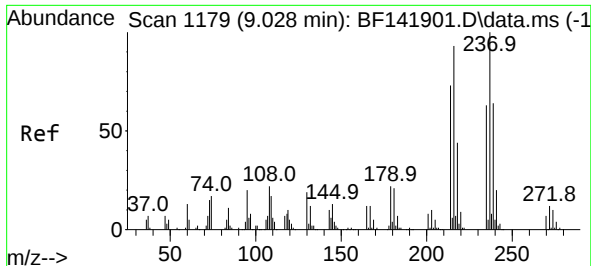
216 100

214 78.1 61.9 92.9

179 22.1 18.1 27.1

108 20.0 14.7 22.1





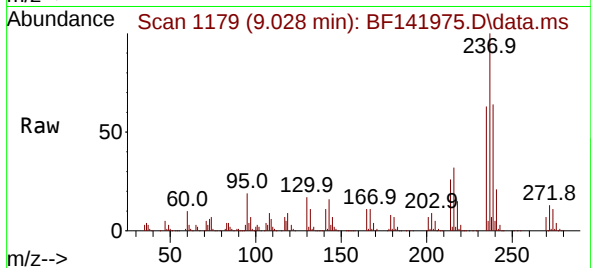
#41
Hexachlorocyclopentadiene
Concen: 162.885 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

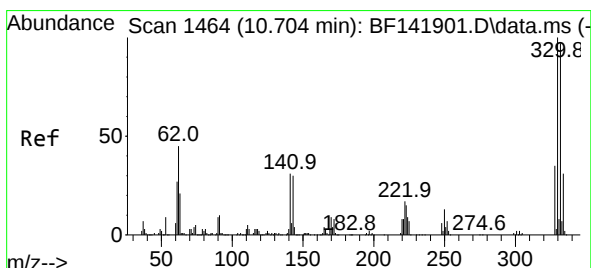
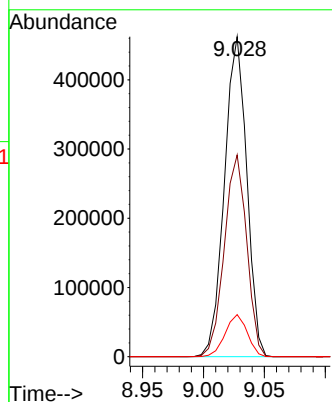
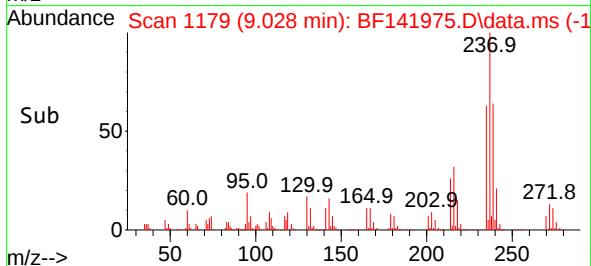


Tgt Ion:237 Resp: 589580
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 13.1 0.0 32.0

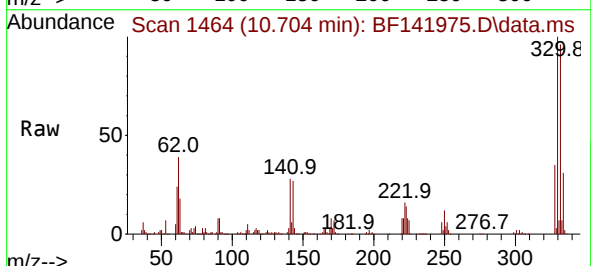
Manual Integrations

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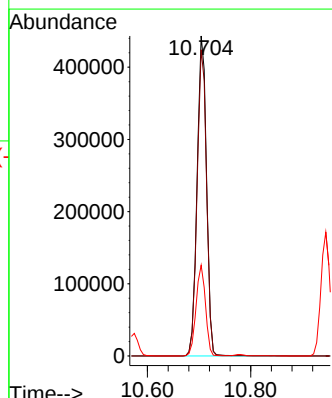
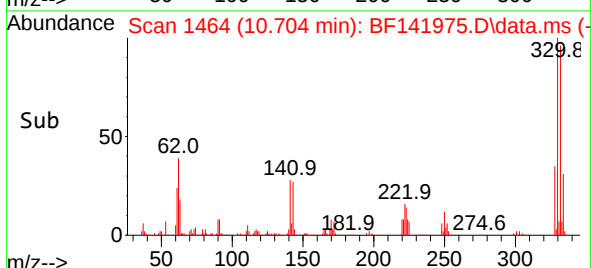
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#42
2,4,6-Tribromophenol
Concen: 145.609 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



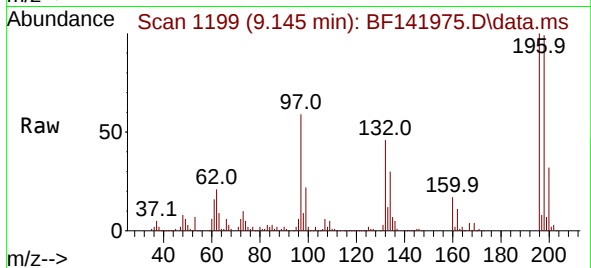
Tgt Ion:330 Resp: 561156
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 28.4 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 45.353 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

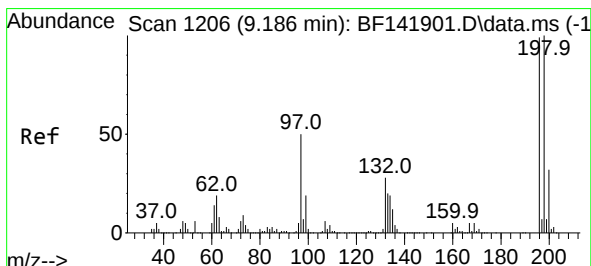
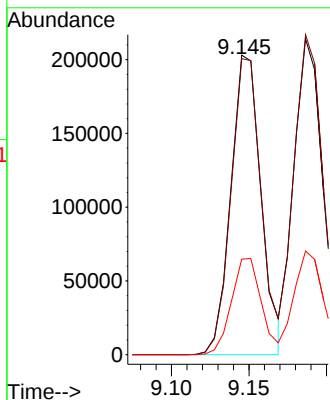
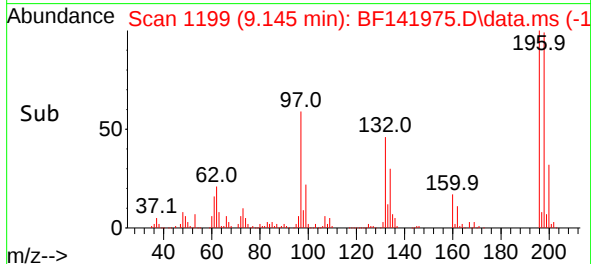
Instrument :
BNA_F
ClientSampleId :
PB167138BS



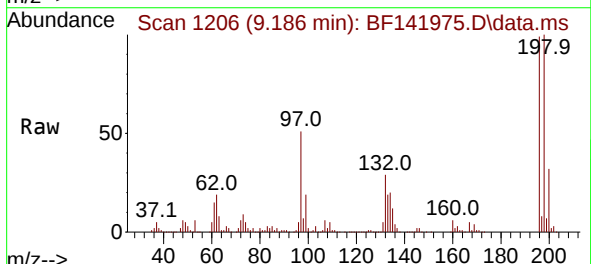
Tgt Ion:196 Resp: 27413
Ion Ratio Lower Upper
196 100
198 98.8 80.6 121.0
200 31.9 25.8 38.6

Manual Integrations
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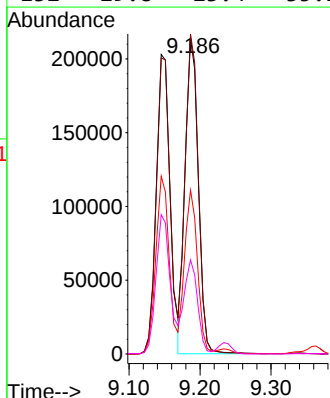
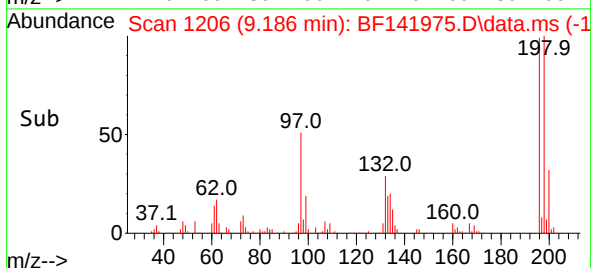
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

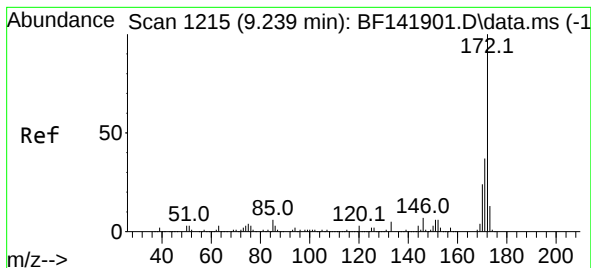


#44
2,4,5-Trichlorophenol
Concen: 45.340 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:196 Resp: 277569
Ion Ratio Lower Upper
196 100
198 101.3 80.7 121.1
97 51.9 42.1 63.1
132 29.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 96.542 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

Tgt Ion:172 Resp: 192841

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

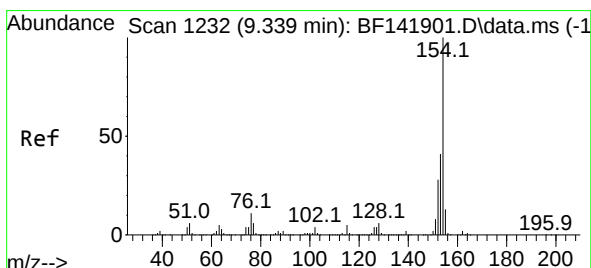
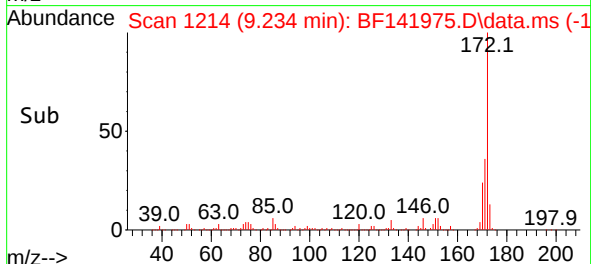
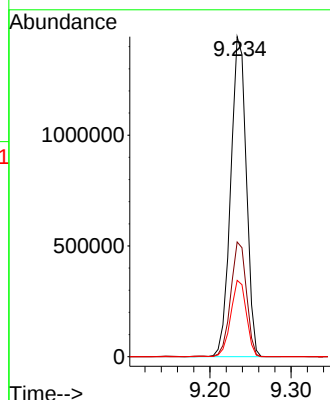
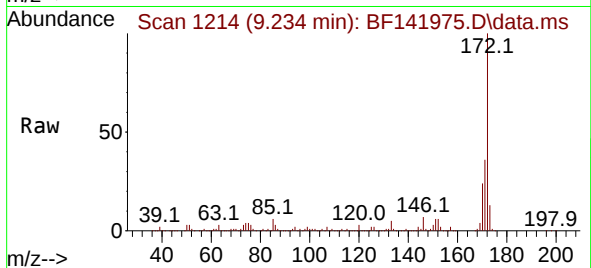
170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#46

1,1'-Biphenyl

Concen: 49.213 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

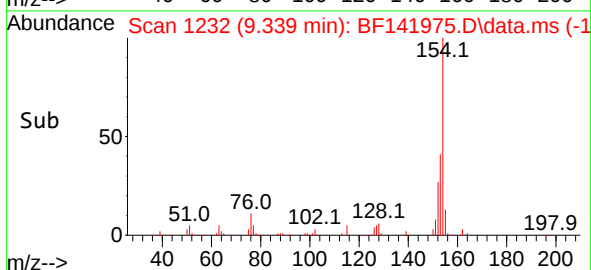
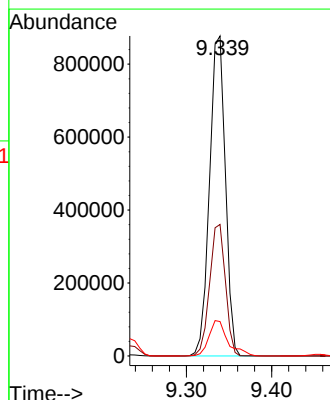
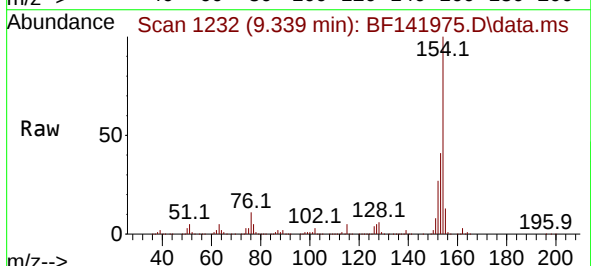
Tgt Ion:154 Resp: 1135930

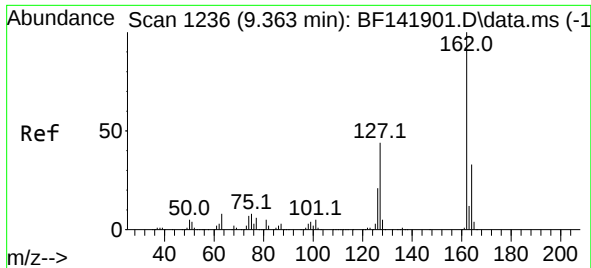
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 10.8 0.0 31.3





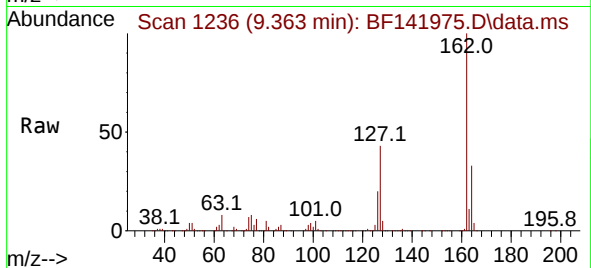
#47
2-Chloronaphthalene
Concen: 44.892 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

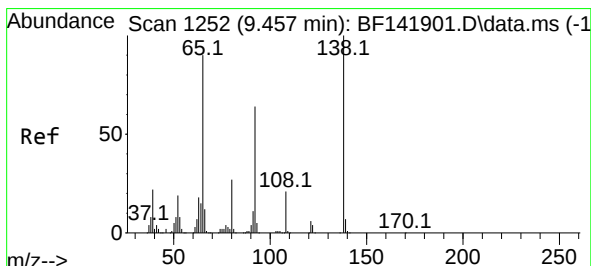
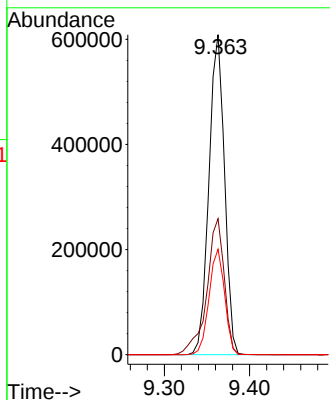
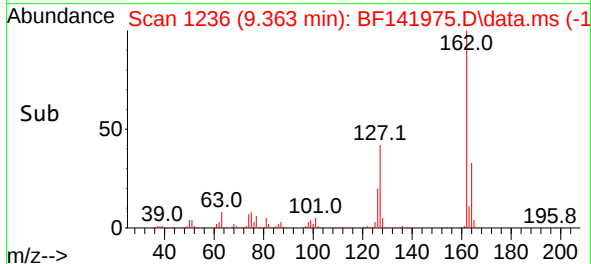


Tgt Ion:162 Resp: 772312
Ion Ratio Lower Upper
162 100
127 42.5 35.5 53.3
164 33.0 26.6 40.0

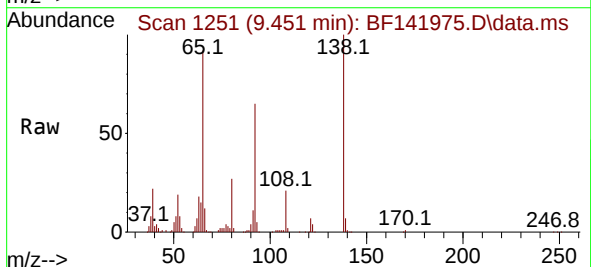
Manual Integrations

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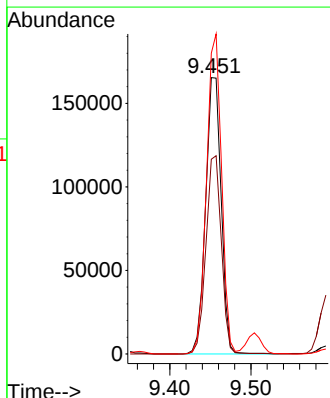
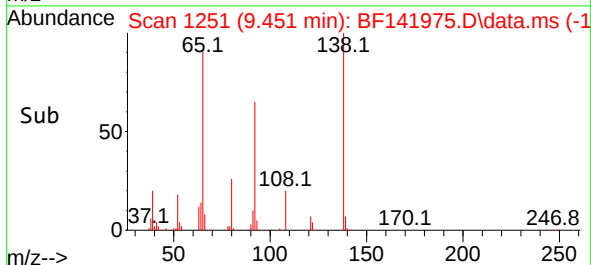
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

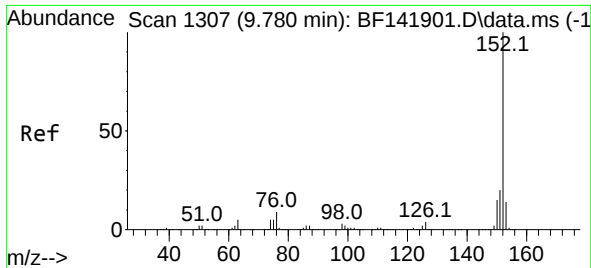


#48
2-Nitroaniline
Concen: 44.061 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion: 65 Resp: 219480
Ion Ratio Lower Upper
65 100
92 70.5 56.6 84.8
138 108.9 88.6 133.0





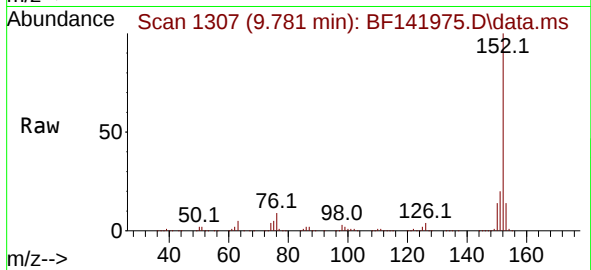
#49
Acenaphthylene
Concen: 46.989 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

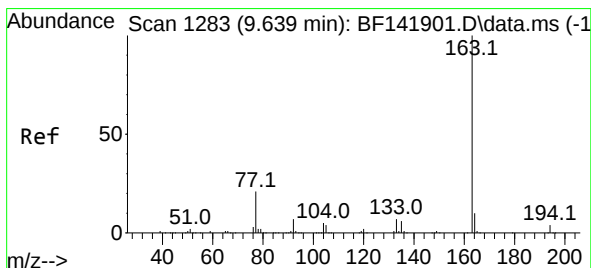
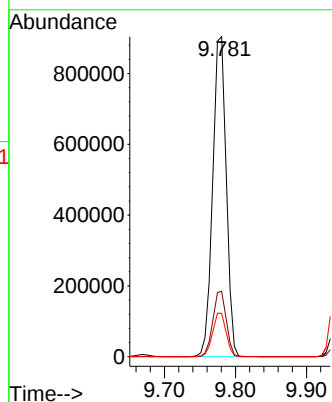
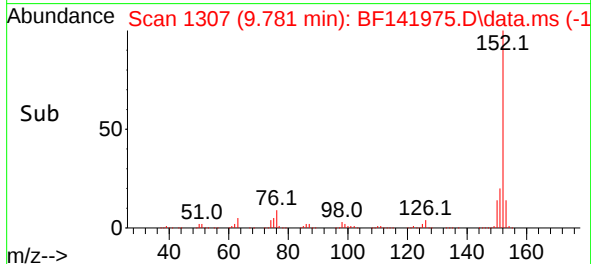


Tgt Ion:152 Resp: 119963
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.6 11.1 16.7

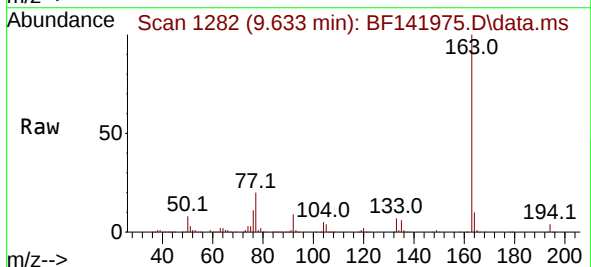
Manual Integrations

APPROVED

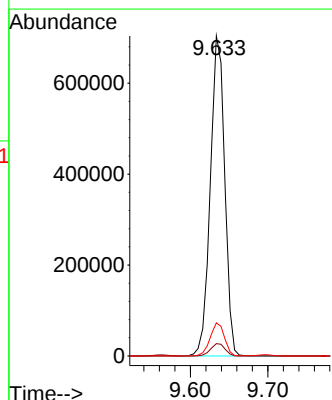
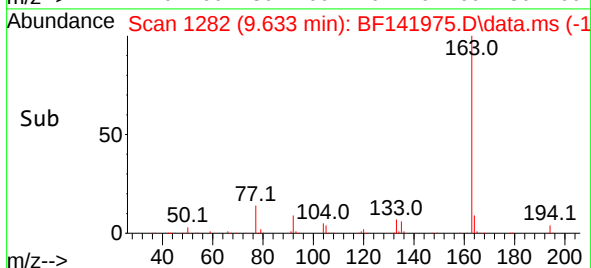
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

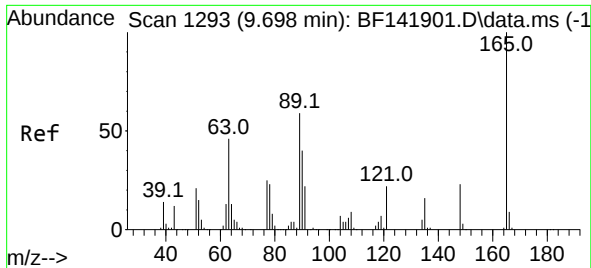


#50
Dimethylphthalate
Concen: 42.663 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:163 Resp: 907577
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.4





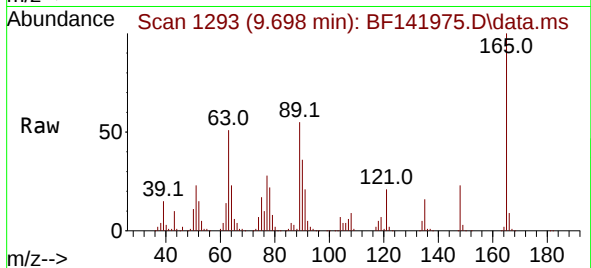
#51
2,6-Dinitrotoluene
Concen: 44.228 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

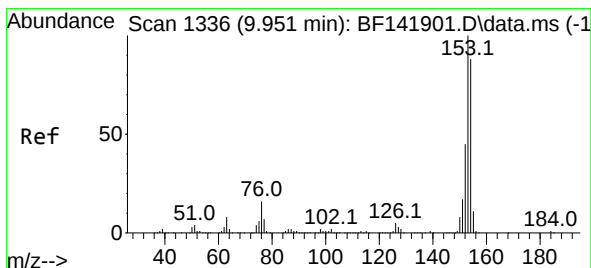
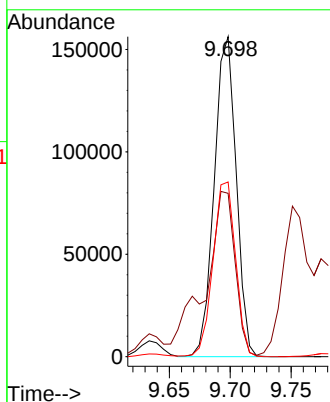
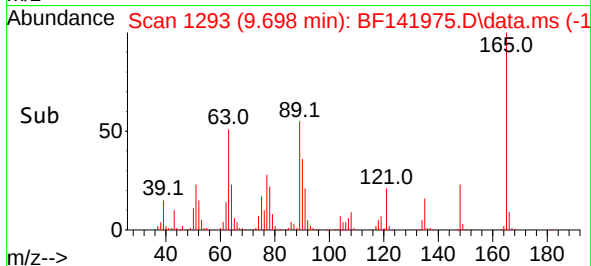


Tgt Ion:165 Resp: 195897
Ion Ratio Lower Upper
165 100
63 51.1 47.0 70.4
89 54.6 47.4 71.2

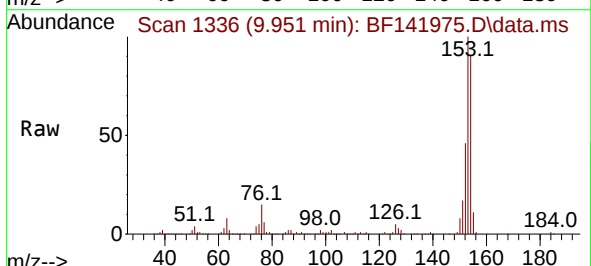
Manual Integrations

APPROVED

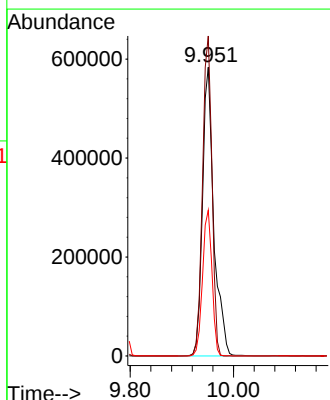
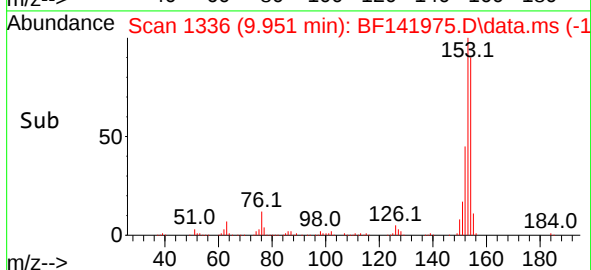
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

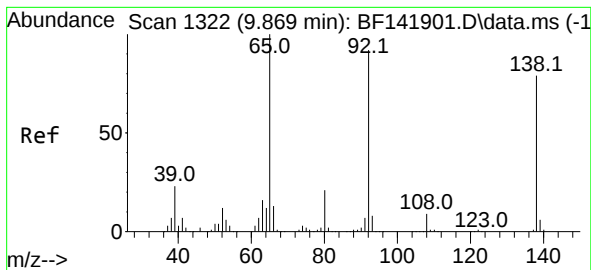


#52
Acenaphthene
Concen: 49.673 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



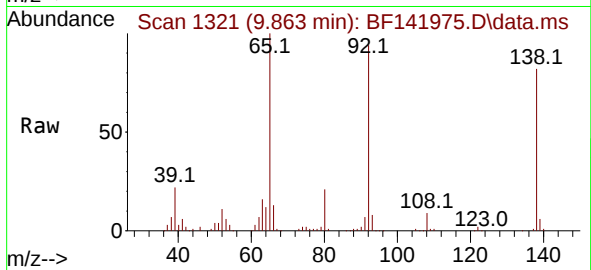
Tgt Ion:154 Resp: 891198
Ion Ratio Lower Upper
154 100
153 110.8 90.7 136.1
152 50.5 41.1 61.7





#53
3-Nitroaniline
Concen: 25.804 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

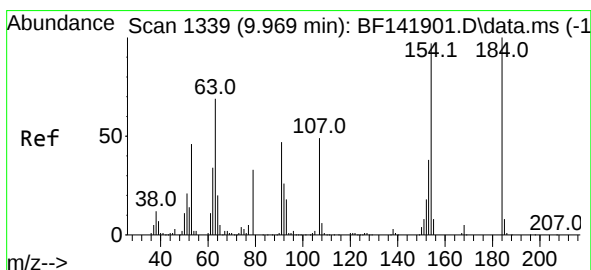
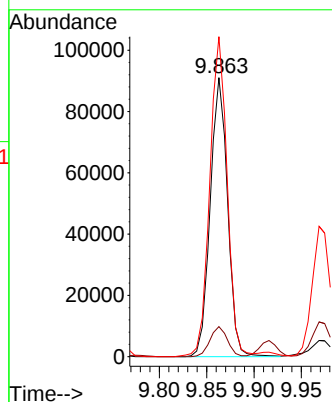
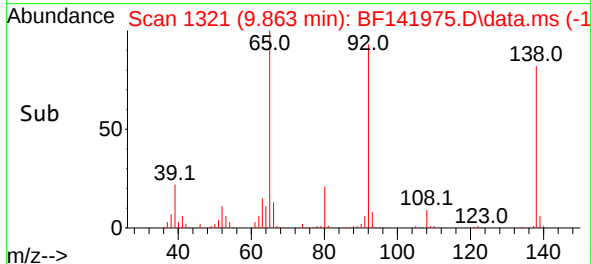
Instrument :
BNA_F
ClientSampleId :
PB167138BS



Tgt Ion:138 Resp: 11593
Ion Ratio Lower Upper
138 100
108 10.8 9.3 13.9
92 114.7 93.5 140.3

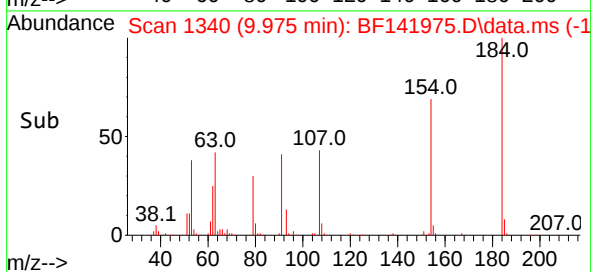
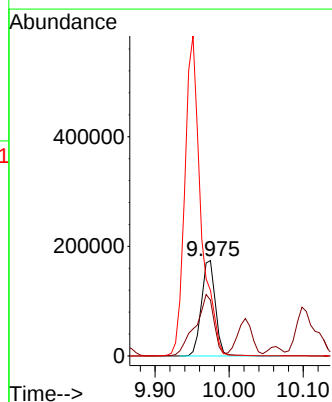
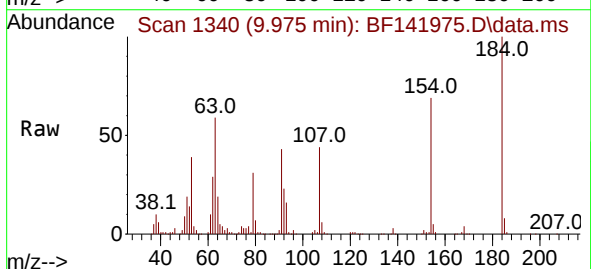
Manual Integrations
APPROVED

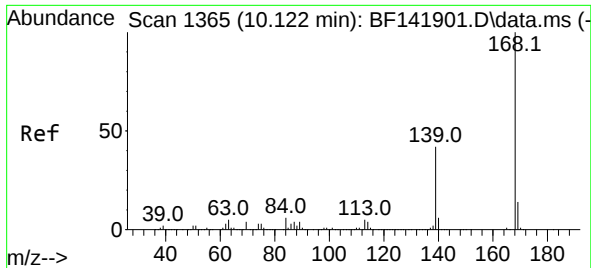
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#54
2,4-Dinitrophenol
Concen: 90.300 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

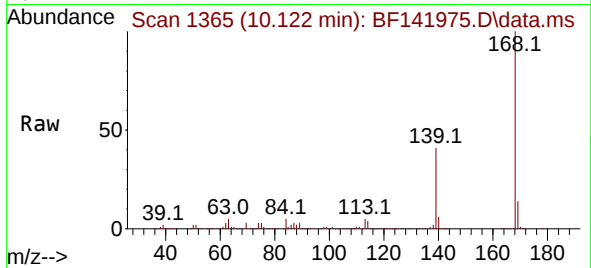
Tgt Ion:184 Resp: 229567
Ion Ratio Lower Upper
184 100
63 58.7 60.2 90.4#
154 68.9 132.9 199.3#





#55
Dibenzenofuran
Concen: 42.516 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

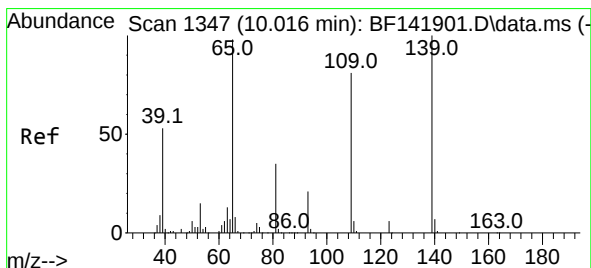
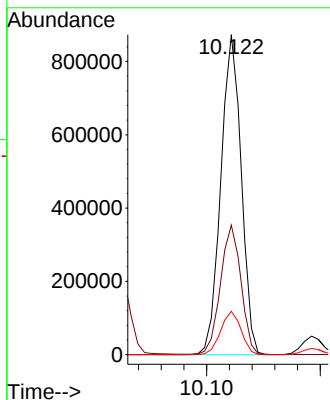
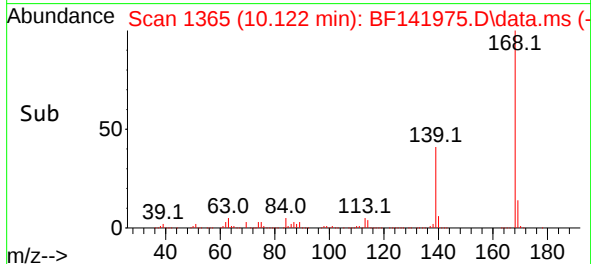
Instrument :
BNA_F
ClientSampleId :
PB167138BS



Tgt Ion:168 Resp: 1089954
Ion Ratio Lower Upper
168 100
139 40.5 33.9 50.9
169 13.6 11.0 16.4

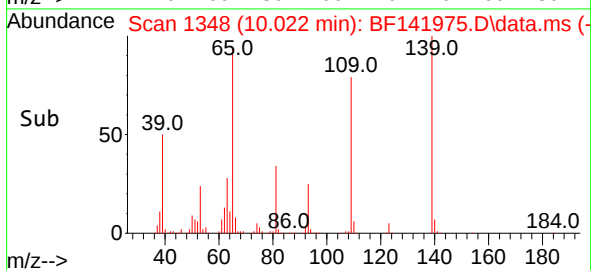
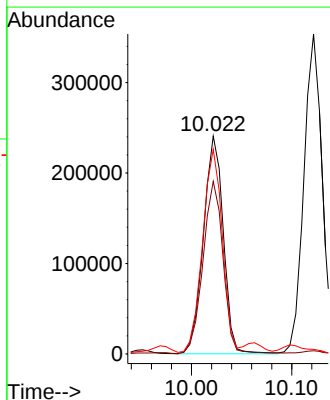
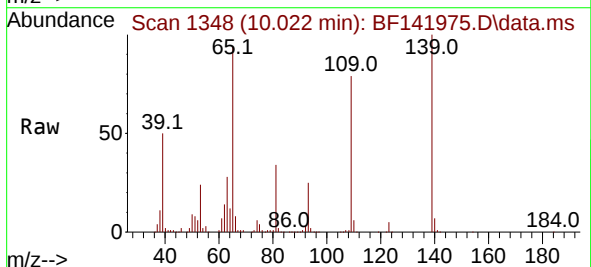
Manual Integrations
APPROVED

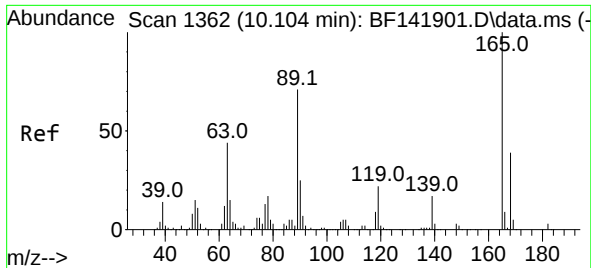
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#56
4-Nitrophenol
Concen: 98.013 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:139 Resp: 332090
Ion Ratio Lower Upper
139 100
109 79.2 61.6 101.6
65 93.9 79.4 119.4





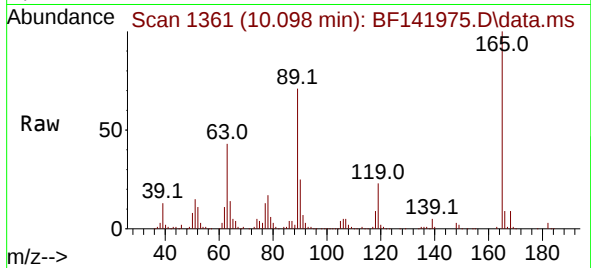
#57
2,4-Dinitrotoluene
Concen: 46.388 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

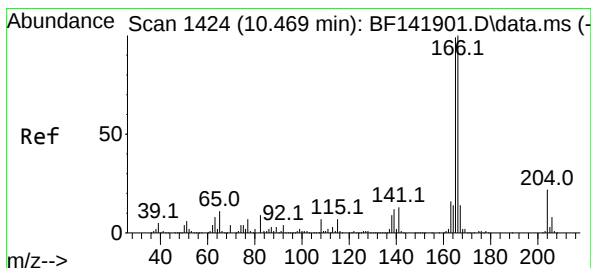
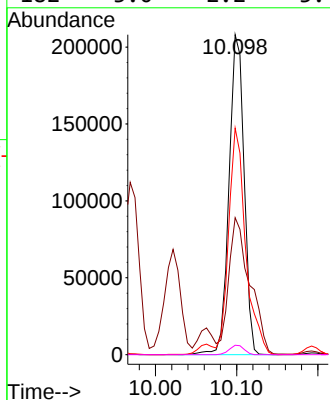
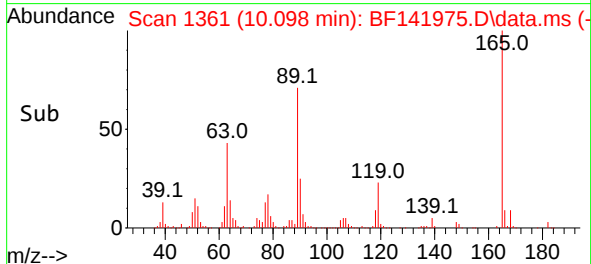


Tgt Ion:165 Resp: 26835
Ion Ratio Lower Upper
165 100
63 42.8 35.4 53.2
89 70.8 56.6 84.8
182 3.0 2.2 3.4

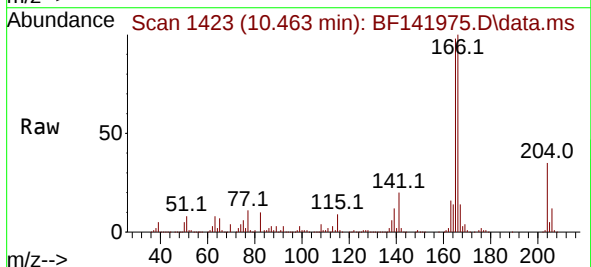
Manual Integrations

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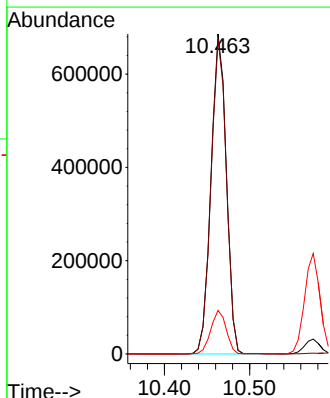
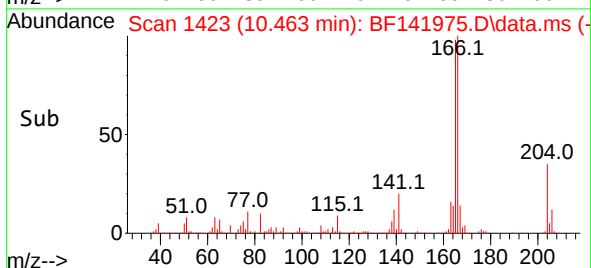
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#58
Fluorene
Concen: 43.412 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



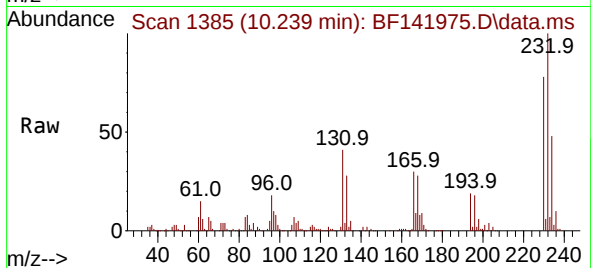
Tgt Ion:166 Resp: 858236
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.112 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

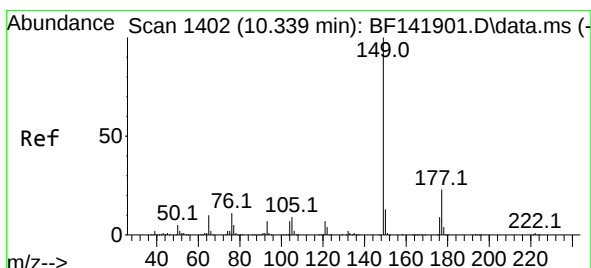
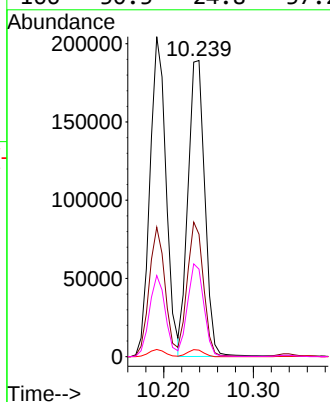
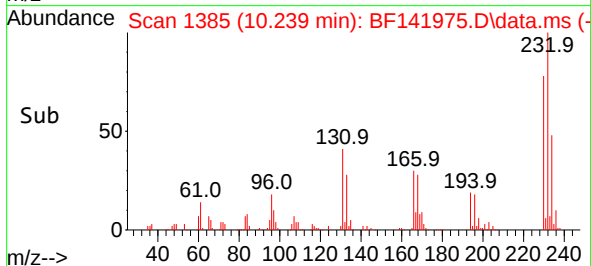
Instrument :
BNA_F
ClientSampleId :
PB167138BS



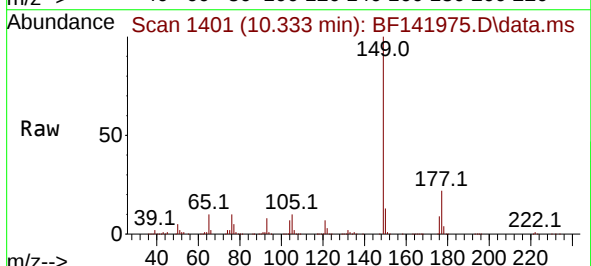
Tgt Ion:232 Resp: 24573
Ion Ratio Lower Upper
232 100
131 43.9 37.3 55.9
130 2.3 1.9 2.9
166 30.3 24.8 37.2

Manual Integrations
APPROVED

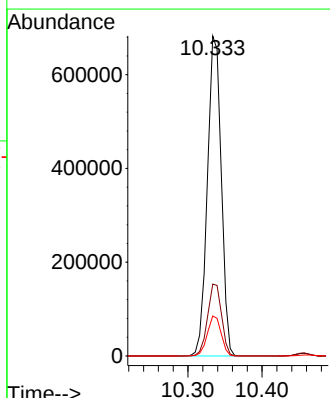
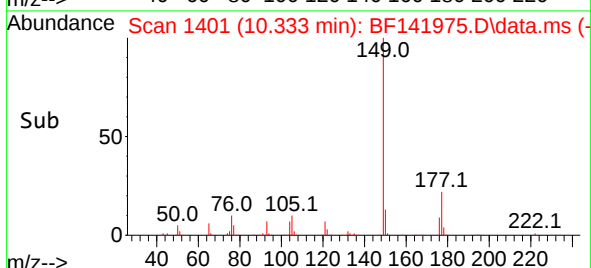
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

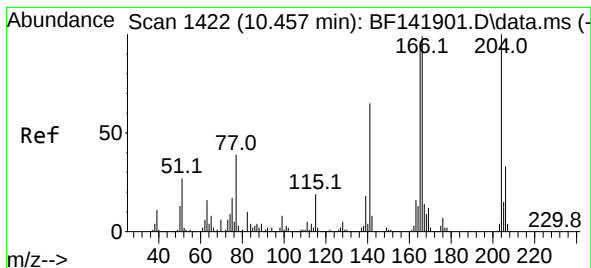


#60
Diethylphthalate
Concen: 41.821 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



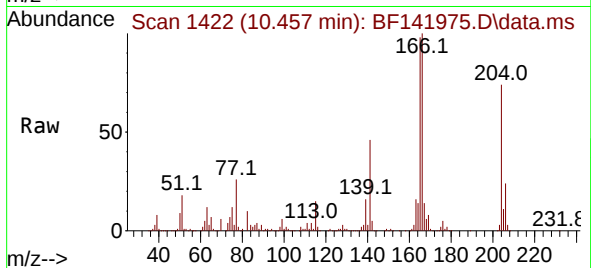
Tgt Ion:149 Resp: 887112
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.227 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

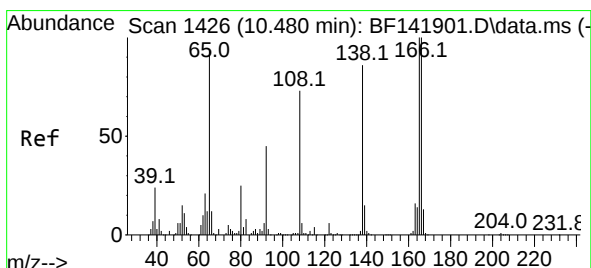
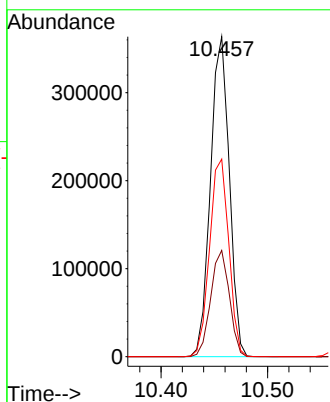
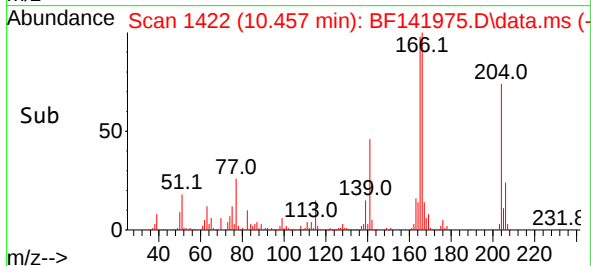
Instrument :
BNA_F
ClientSampleId :
PB167138BS



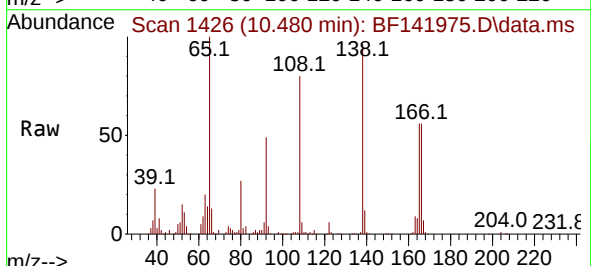
Tgt Ion:204 Resp: 445540
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 61.8 52.4 78.6

Manual Integrations
APPROVED

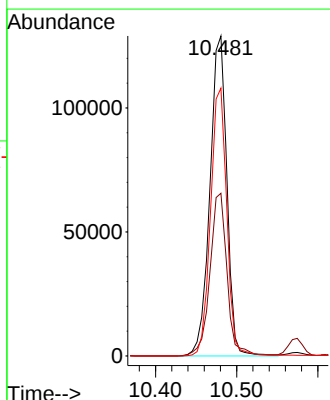
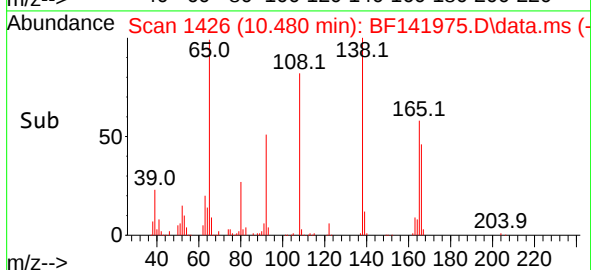
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

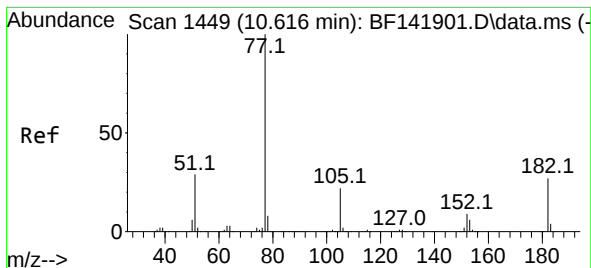


#62
4-Nitroaniline
Concen: 42.739 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



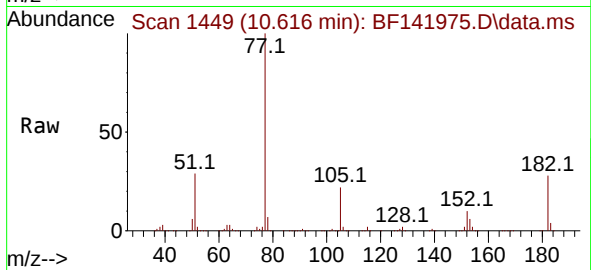
Tgt Ion:138 Resp: 186945
Ion Ratio Lower Upper
138 100
92 50.8 32.6 72.6
108 83.7 65.0 105.0





#63
Azobenzene
Concen: 40.461 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

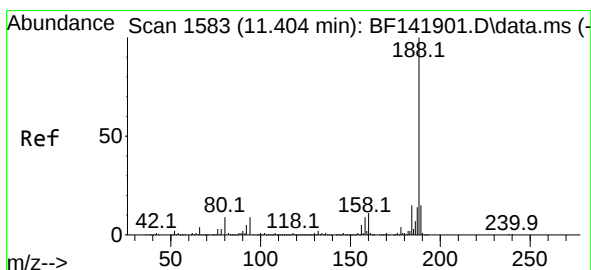
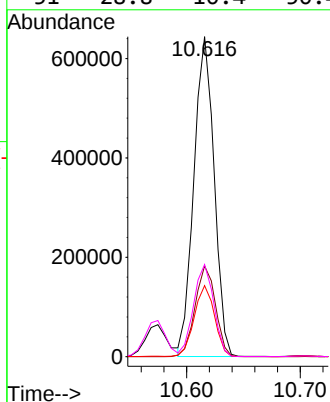
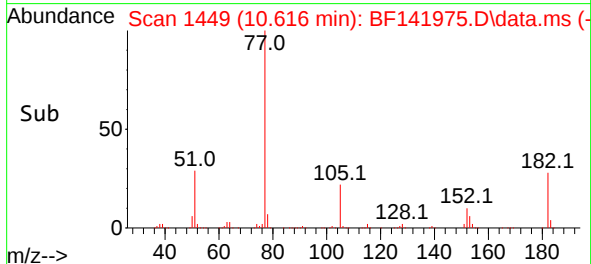
Instrument :
BNA_F
ClientSampleId :
PB167138BS



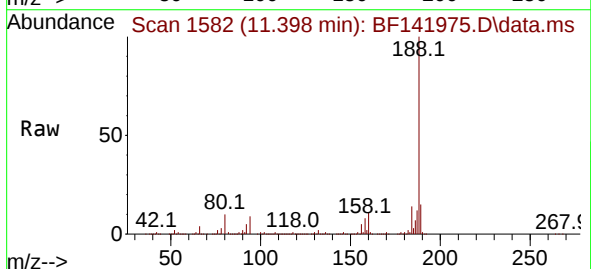
Tgt Ion: 77 Resp: 79792
Ion Ratio Lower Upper
77 100
182 28.4 6.6 46.6
105 22.2 1.3 41.3
51 28.8 10.4 50.4

Manual Integrations
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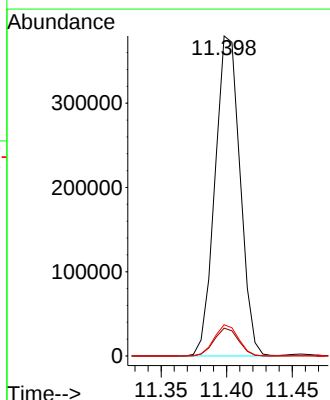
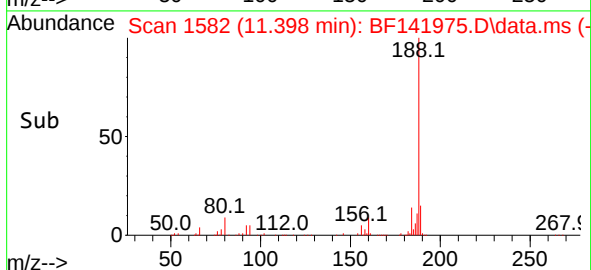
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:188 Resp: 504498
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.7 7.6 11.4





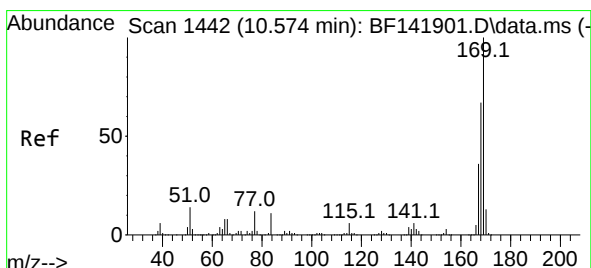
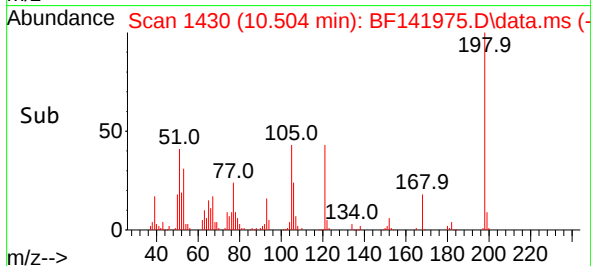
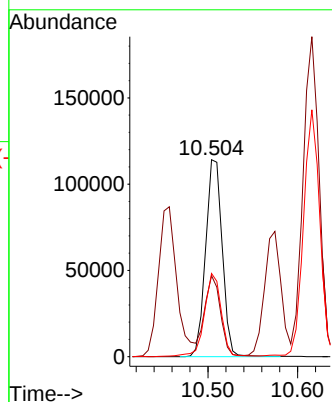
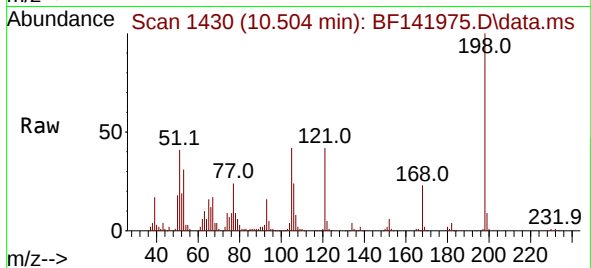
#65
4,6-Dinitro-2-methylphenol
Concen: 48.835 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB167138BS

Tgt Ion:198 Resp: 146872
Ion Ratio Lower Upper
198 100
51 41.1 22.3 62.3
105 42.3 23.0 63.0

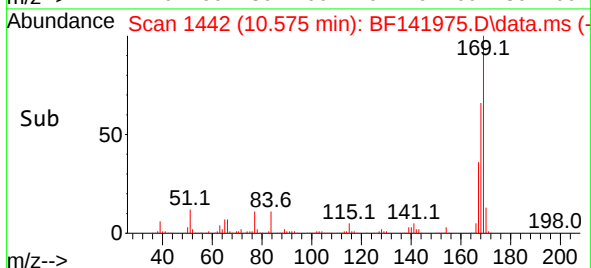
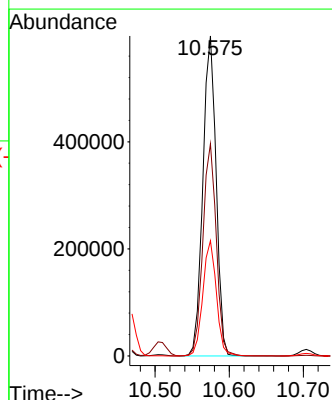
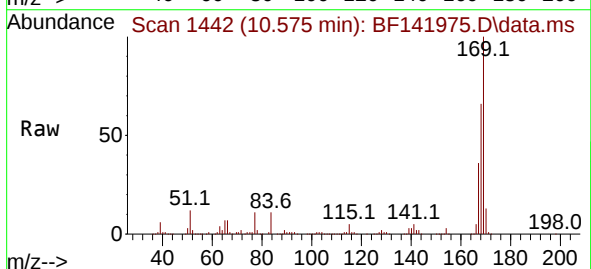
Manual Integrations
APPROVED

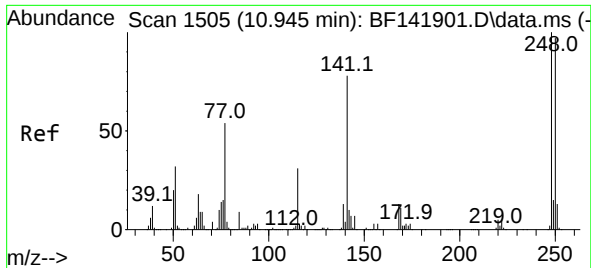
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#66
n-Nitrosodiphenylamine
Concen: 45.659 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

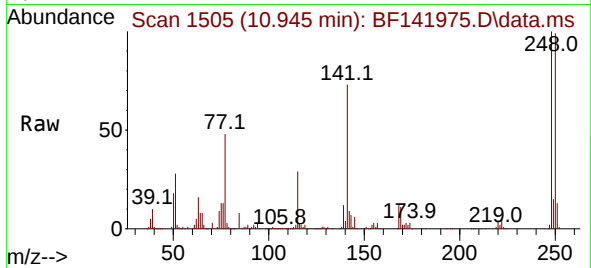
Tgt Ion:169 Resp: 745411
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.899 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

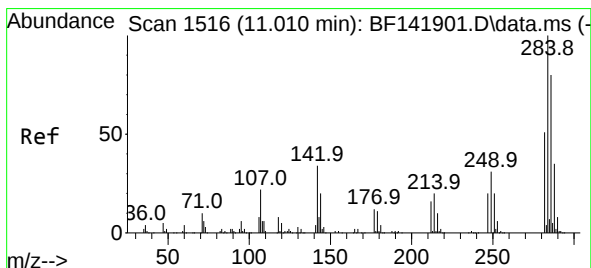
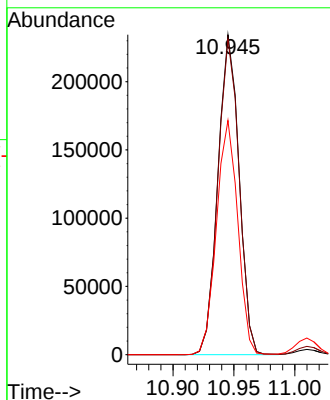
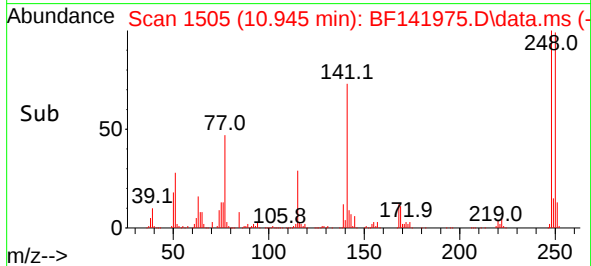
Instrument :
BNA_F
ClientSampleId :
PB167138BS



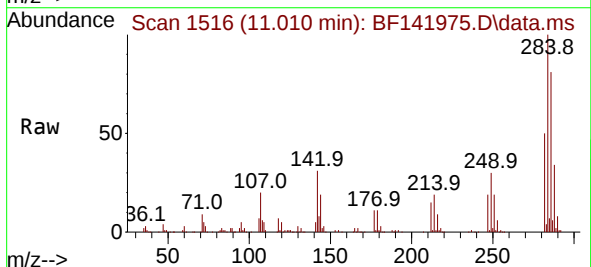
Tgt Ion:248 Resp: 284479
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 73.2 62.6 93.8

Manual Integrations
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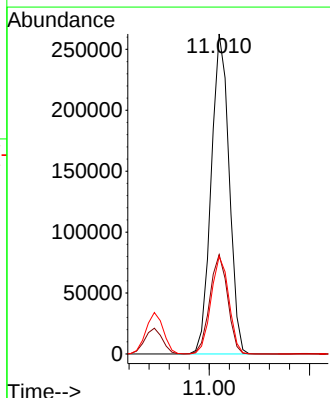
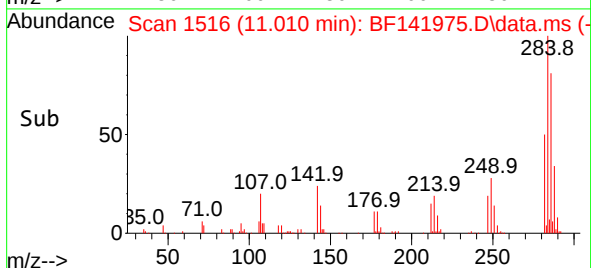
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#68
Hexachlorobenzene
Concen: 46.916 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:284 Resp: 326018
Ion Ratio Lower Upper
284 100
142 31.1 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 59.405 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

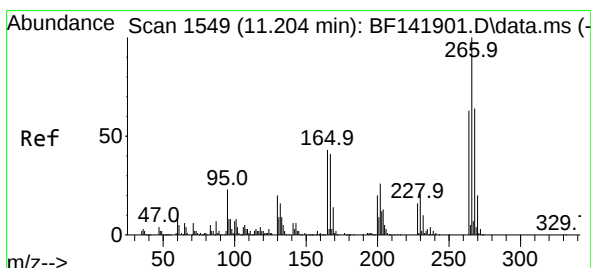
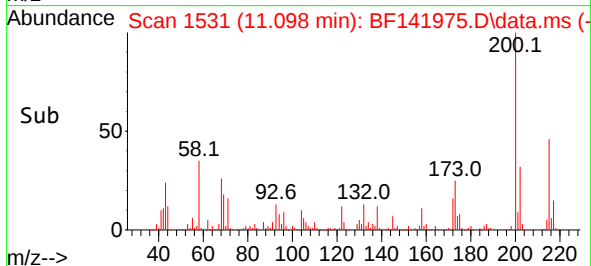
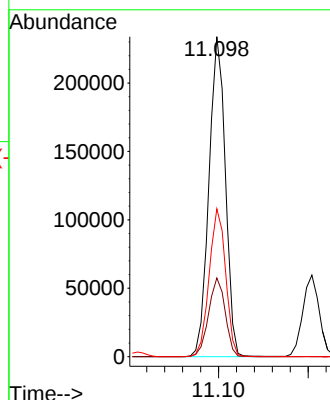
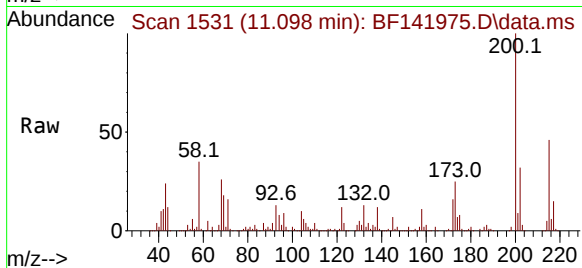
PB167138BS

Tgt Ion:200 Resp: 29731
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.7 44.7
 215 46.2 25.4 65.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#70

Pentachlorophenol

Concen: 93.232 ng

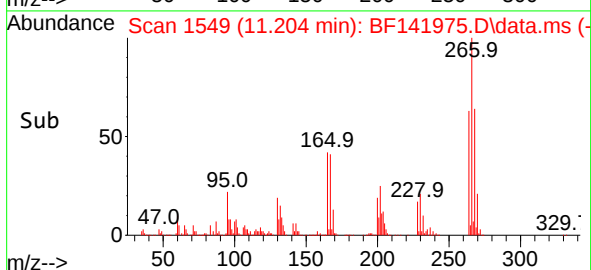
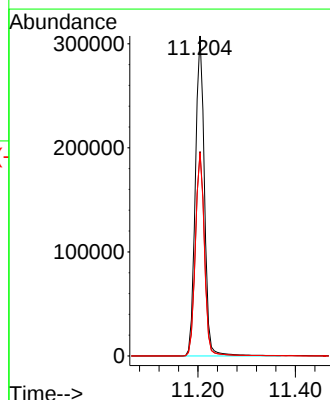
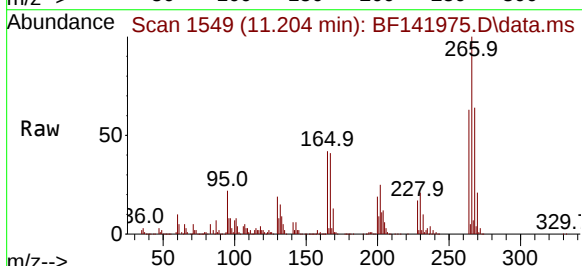
RT: 11.204 min Scan# 1549

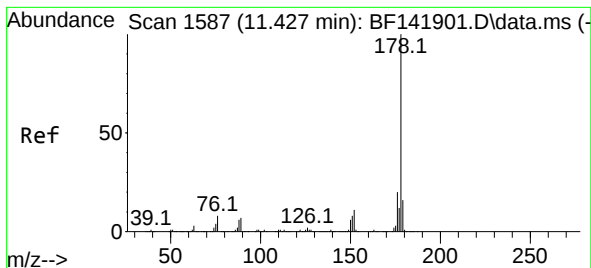
Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

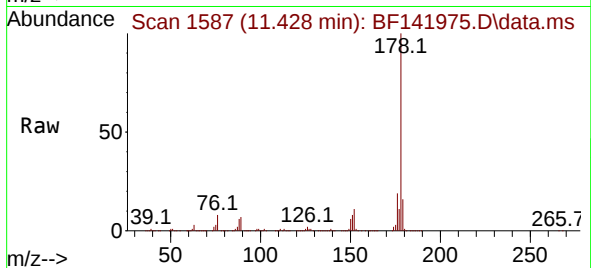
Tgt Ion:266 Resp: 399175
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.6
 264 63.5 50.2 75.2





#71
Phenanthrene
Concen: 45.572 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

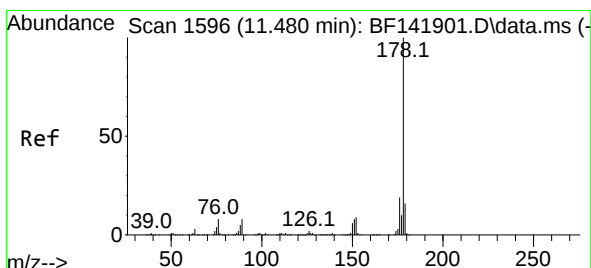
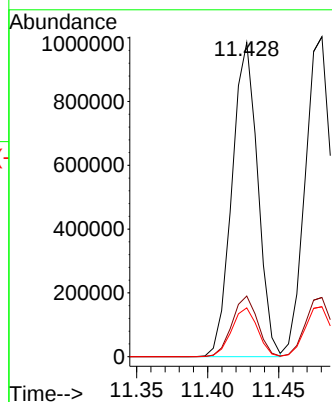
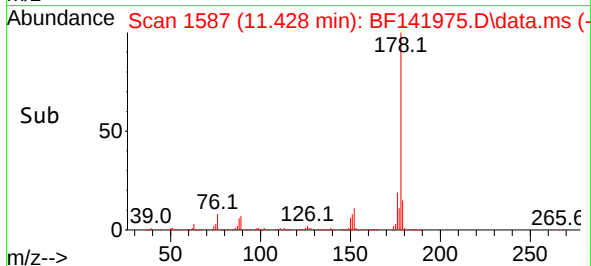
Instrument :
BNA_F
ClientSampleId :
PB167138BS



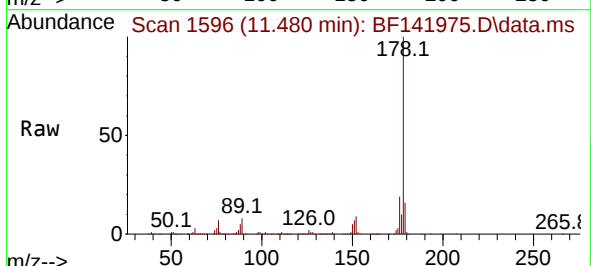
Tgt Ion:178 Resp: 1241809
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0

Manual Integrations
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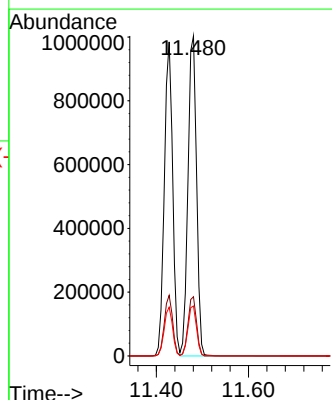
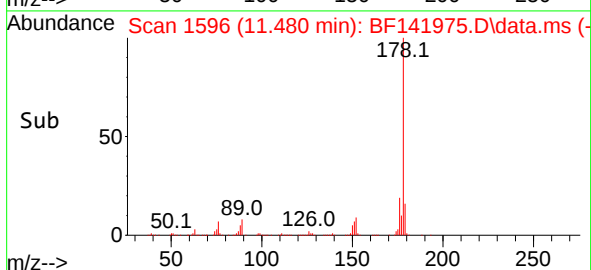
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

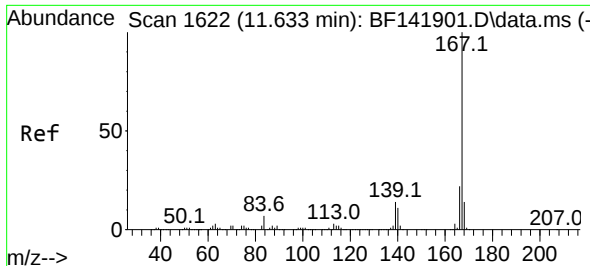


#72
Anthracene
Concen: 47.239 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



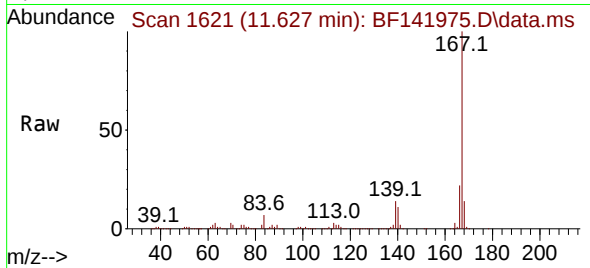
Tgt Ion:178 Resp: 1291431
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 44.912 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38

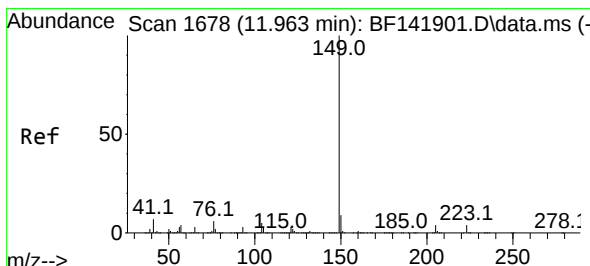
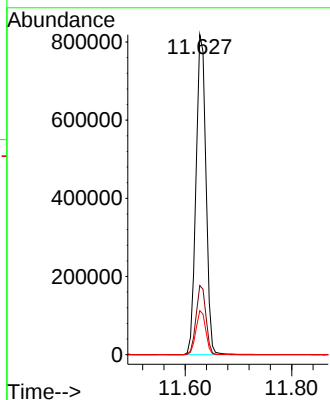
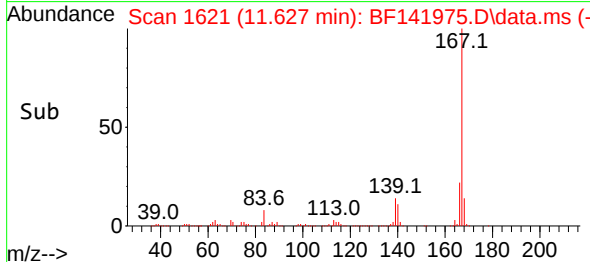
Instrument :
 BNA_F
 ClientSampleId :
 PB167138BS



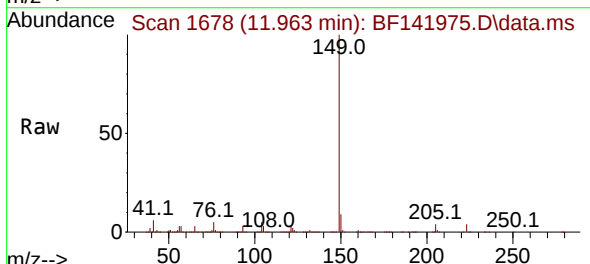
Tgt Ion:167 Resp: 1058880
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.7 11.0 16.6

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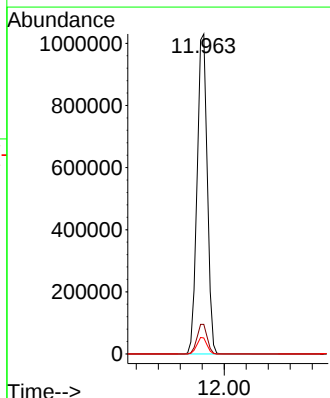
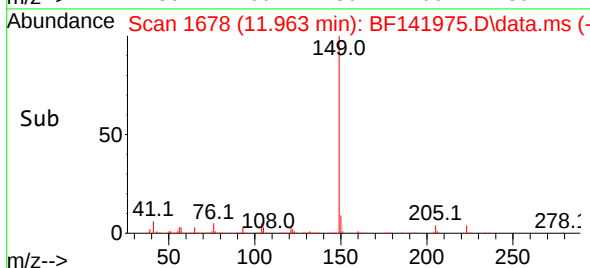
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

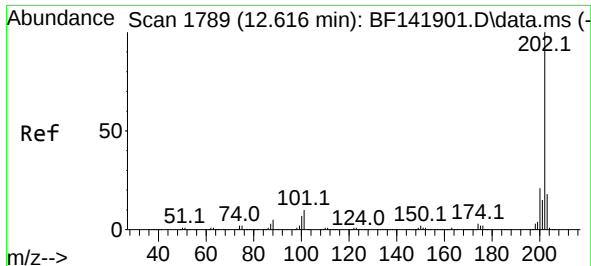


#74
 Di-n-butylphthalate
 Concen: 42.260 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38



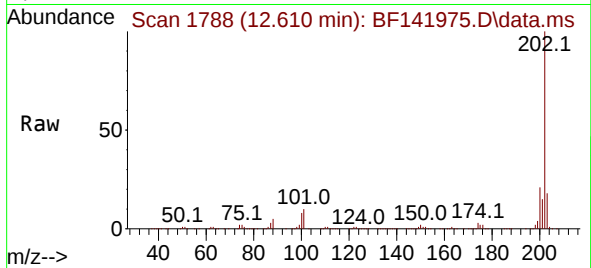
Tgt Ion:149 Resp: 1322057
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 42.462 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

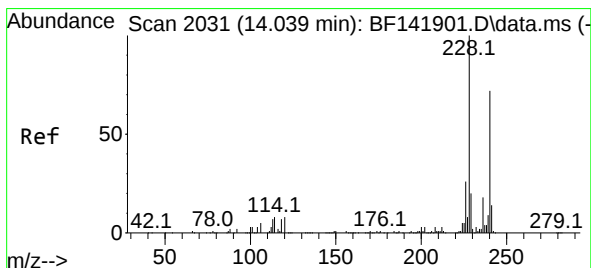
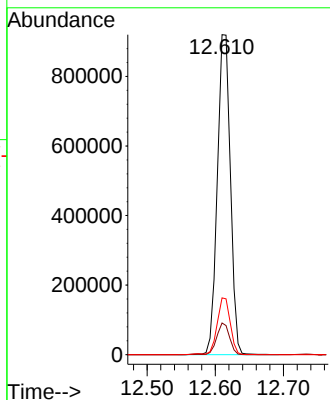
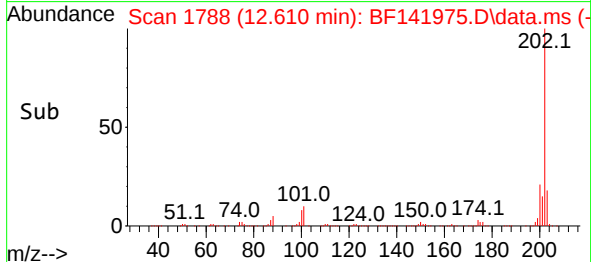
Instrument :
BNA_F
ClientSampleId :
PB167138BS



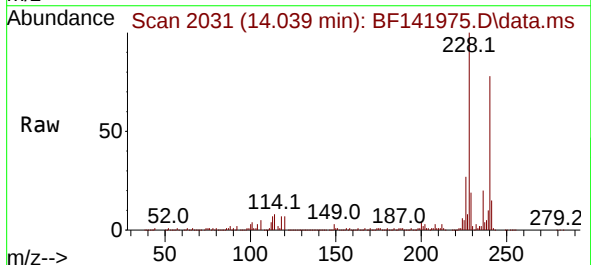
Tgt Ion:202 Resp: 122737
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.7 0.0 37.8

Manual Integrations
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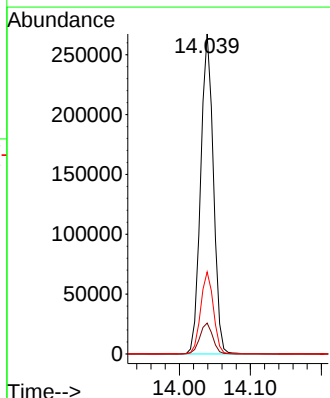
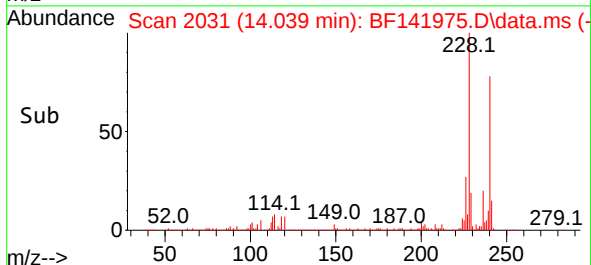
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

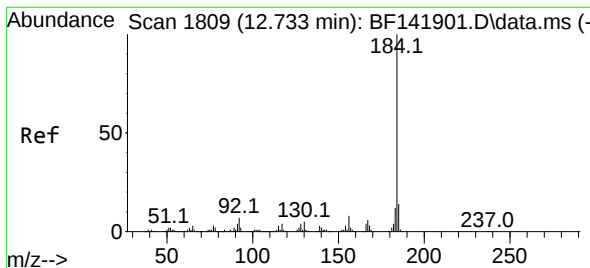


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:240 Resp: 333828
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.6 20.5 30.7





#77

Benzidine

Concen: 69.053 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

Tgt Ion:184 Resp: 321618

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

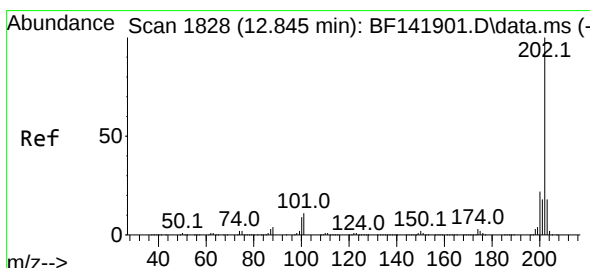
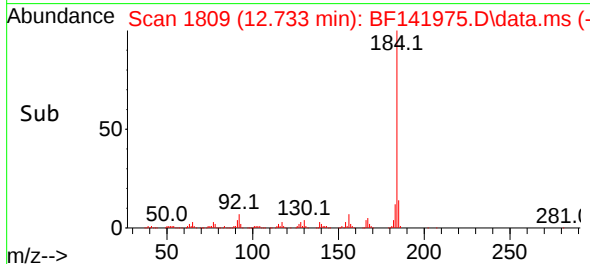
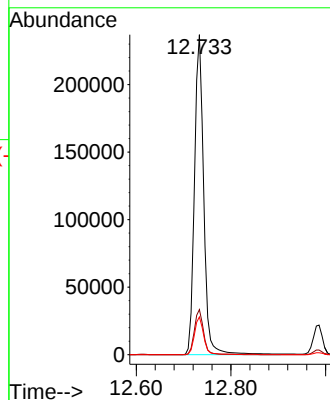
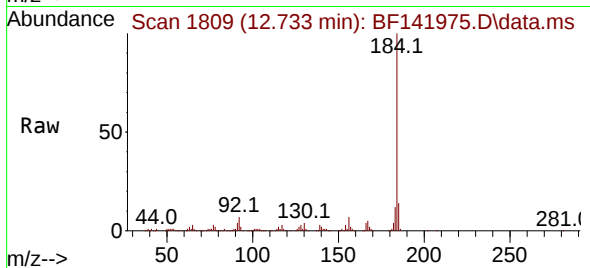
183 11.8 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#78

Pyrene

Concen: 42.785 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

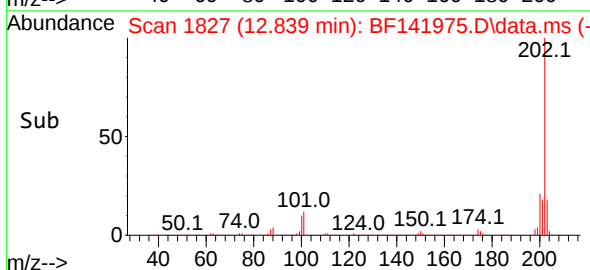
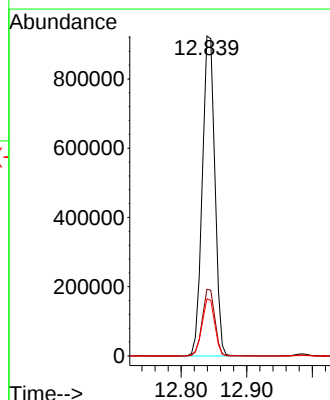
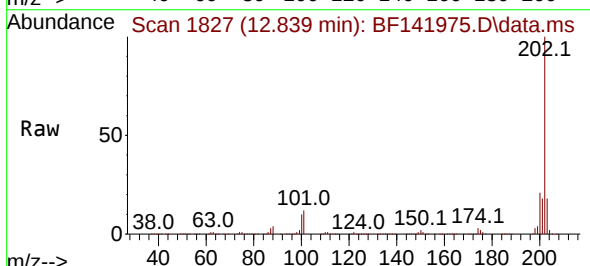
Tgt Ion:202 Resp: 1235470

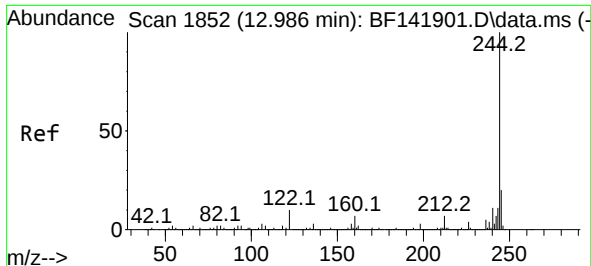
Ion Ratio Lower Upper

202 100

200 20.8 17.3 25.9

203 17.8 14.4 21.6





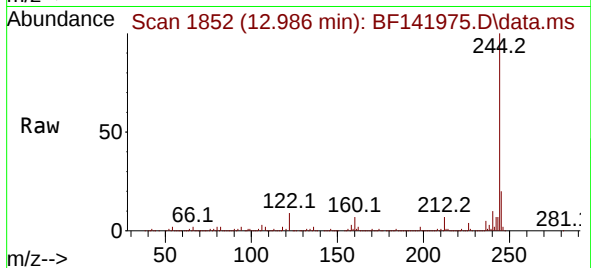
#79
 Terphenyl-d14
 Concen: 97.021 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

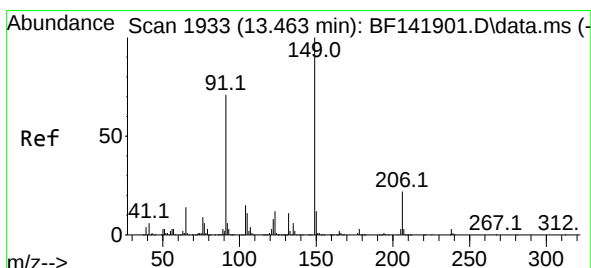
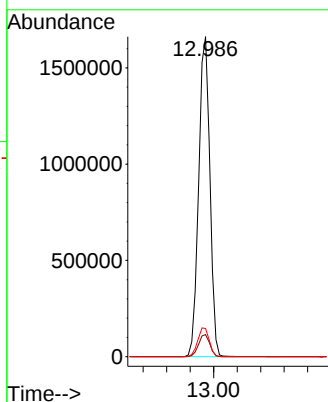
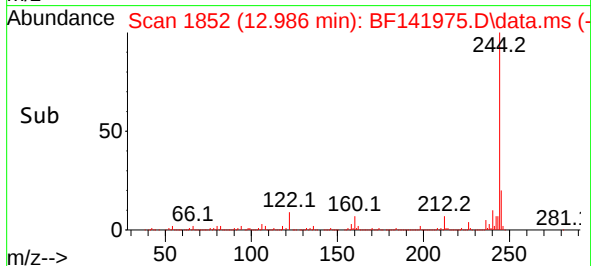


Tgt Ion:244 Resp: 219069
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.8 7.7 11.5

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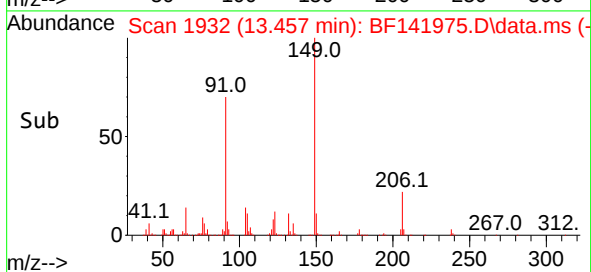
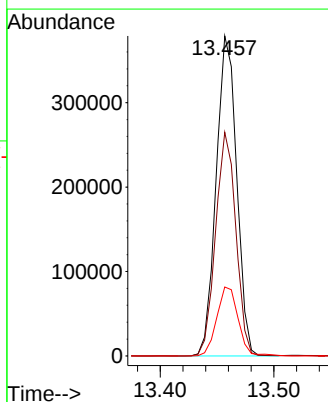
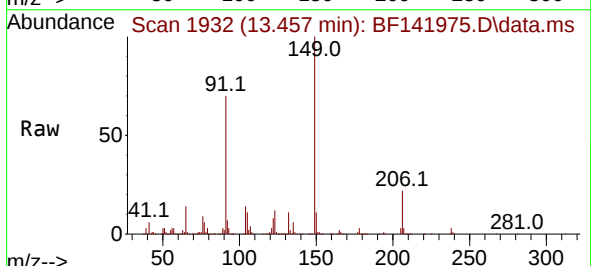
APPROVED

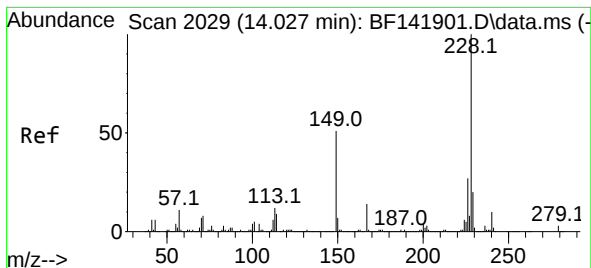
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#80
 Butylbenzylphthalate
 Concen: 42.125 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38

Tgt Ion:149 Resp: 476110
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.5 84.7
 206 21.6 17.3 25.9





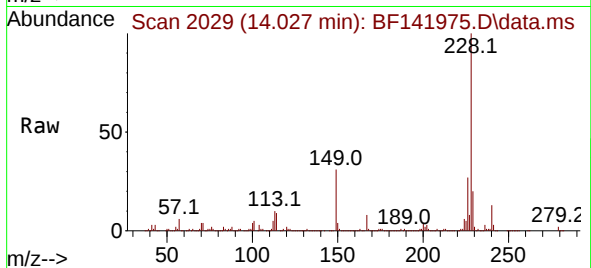
#81
Benzo(a)anthracene
Concen: 45.623 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

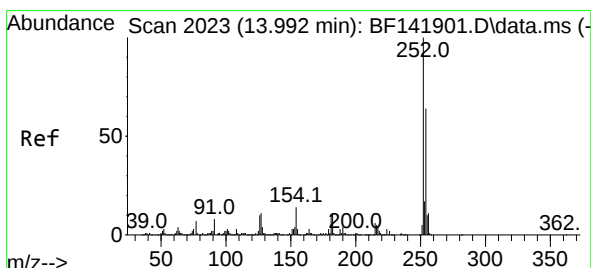
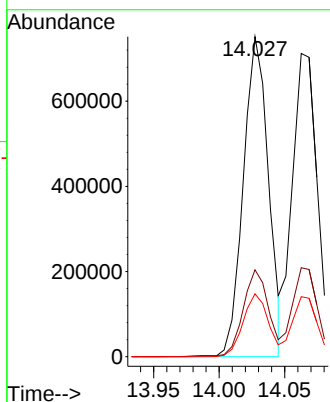
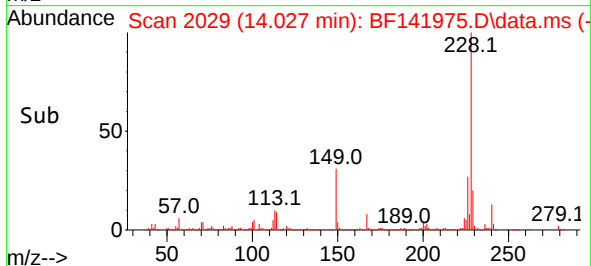


Tgt Ion:228 Resp: 999408
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0

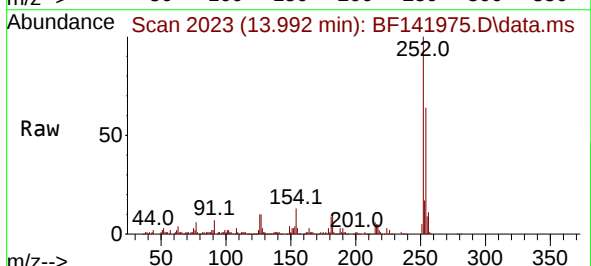
Manual Integrations

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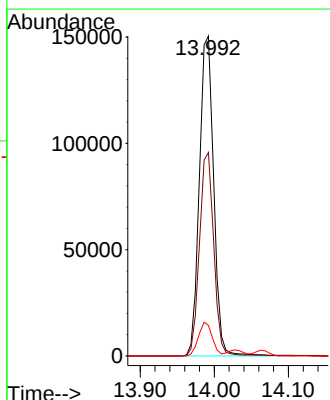
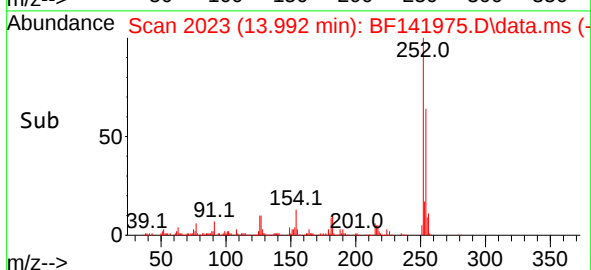
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

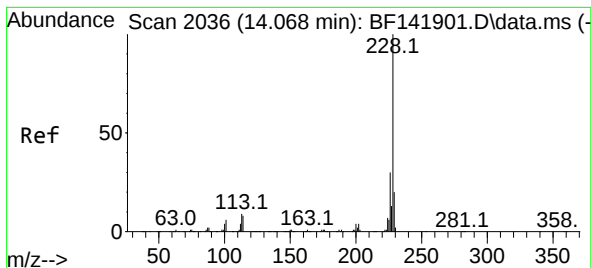


#82
3,3'-Dichlorobenzidine
Concen: 31.922 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38



Tgt Ion:252 Resp: 202082
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.6
126 9.6 8.4 12.6





#83

Chrysene

Concen: 47.309 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

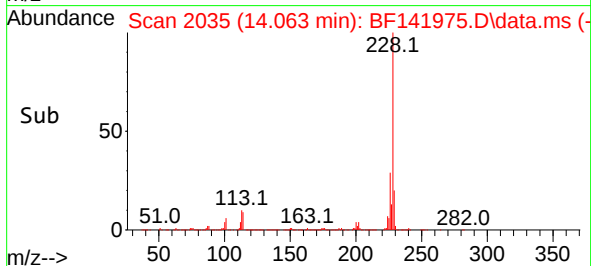
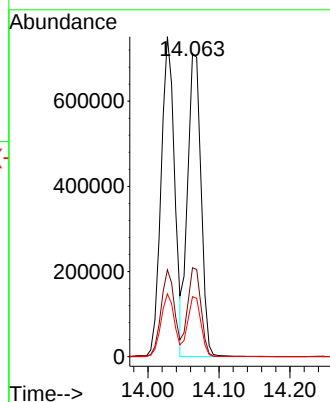
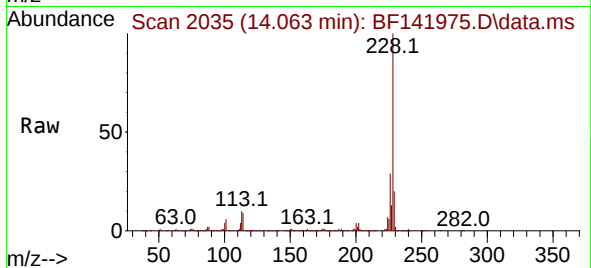
Tgt Ion:	228	Resp:	93941
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.1	36.1
229	19.8	15.7	23.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.945 ng

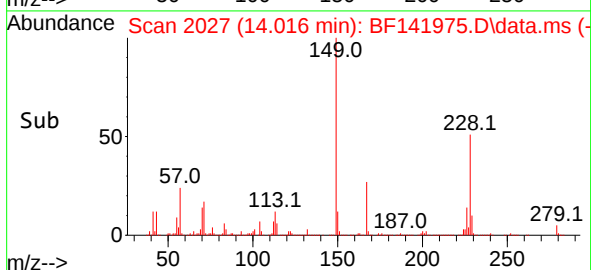
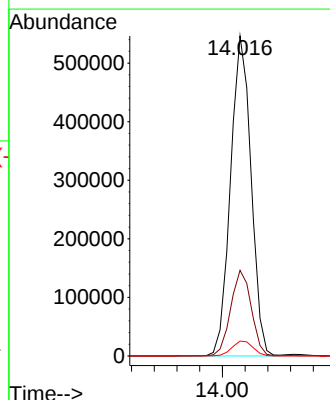
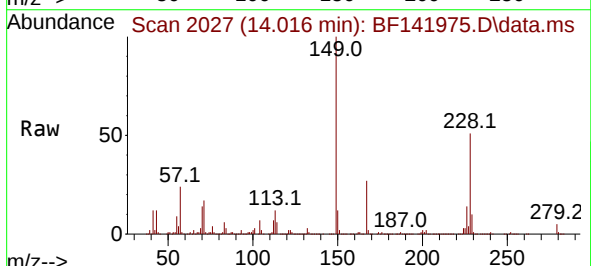
RT: 14.016 min Scan# 2027

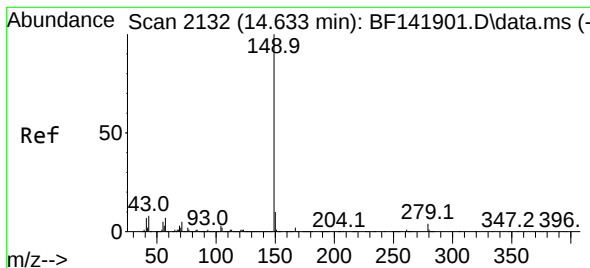
Delta R.T. -0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

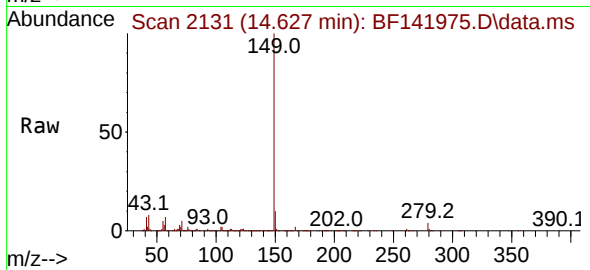
Tgt Ion:	149	Resp:	684813
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 50.956 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

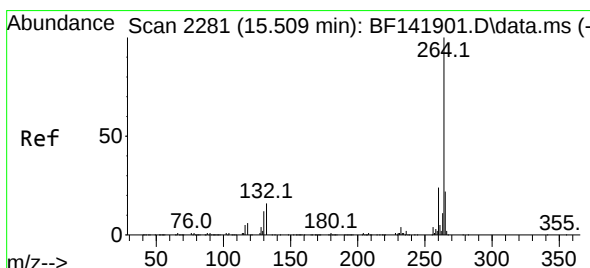
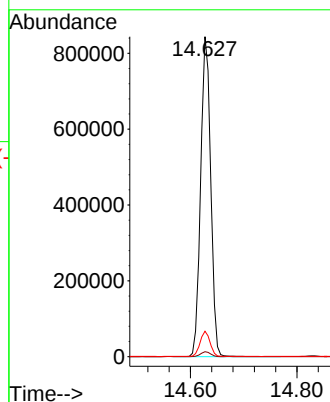
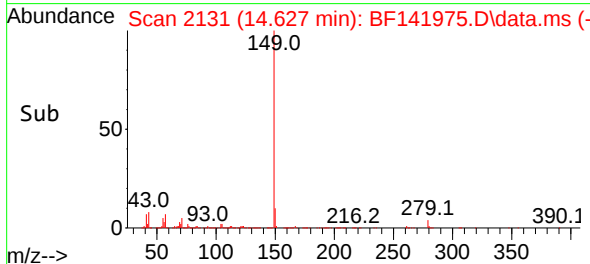
Instrument :
BNA_F
ClientSampleId :
PB167138BS



Tgt Ion:149 Resp: 110486
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.9 10.3

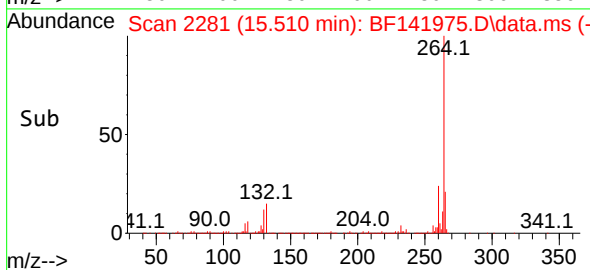
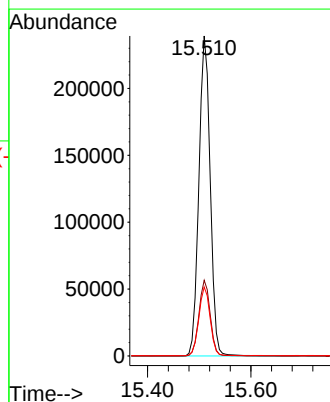
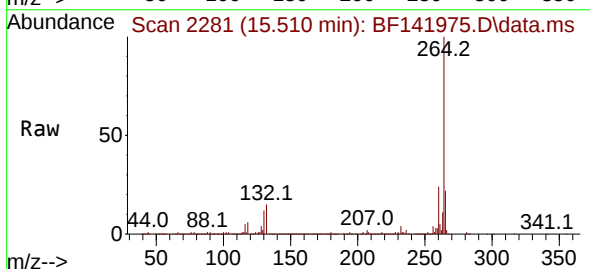
Manual Integrations
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Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

Tgt Ion:264 Resp: 362947
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.214 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB167138BS

Tgt Ion:276 Resp: 124937

Ion Ratio Lower Upper

276 100

138 21.6 18.4 27.6

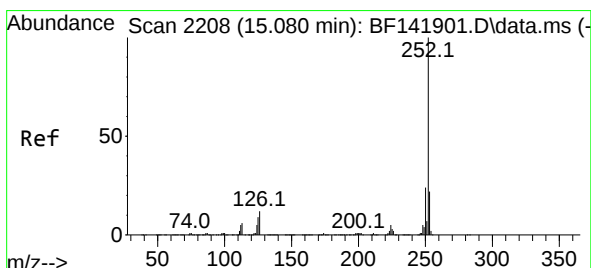
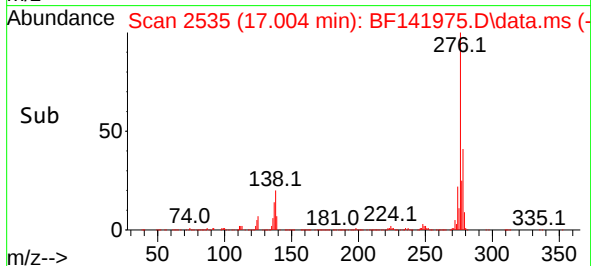
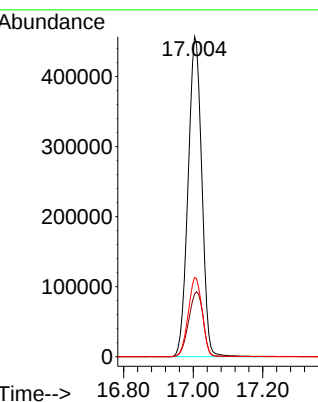
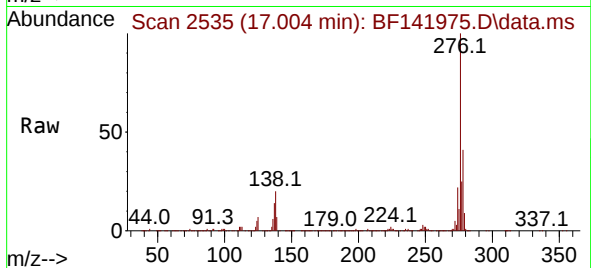
277 25.2 20.3 30.5

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#88

Benzo(b)fluoranthene

Concen: 38.917 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141975.D

Acq: 17 Mar 2025 10:38

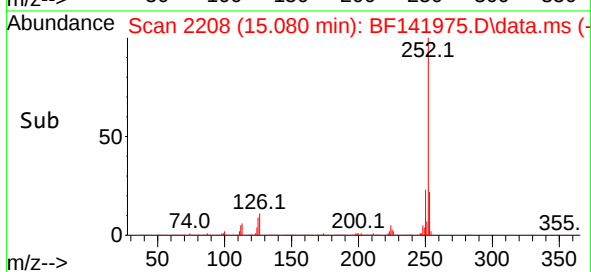
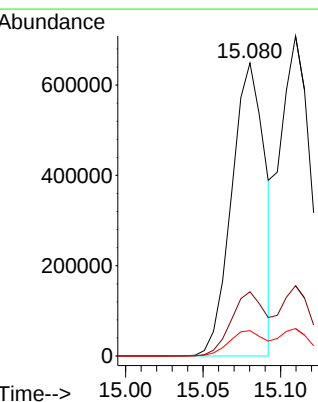
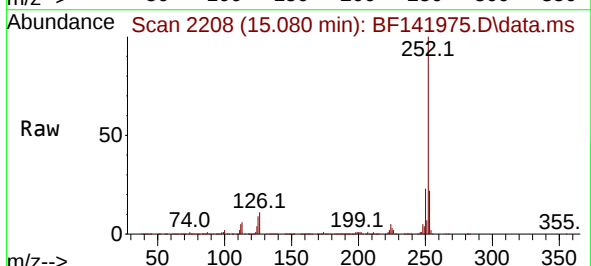
Tgt Ion:252 Resp: 968052

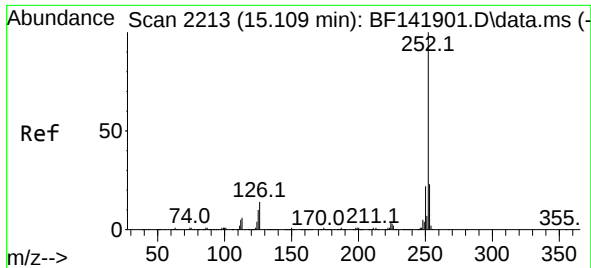
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

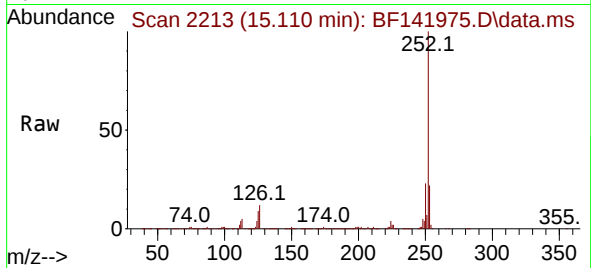
125 8.6 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 45.942 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

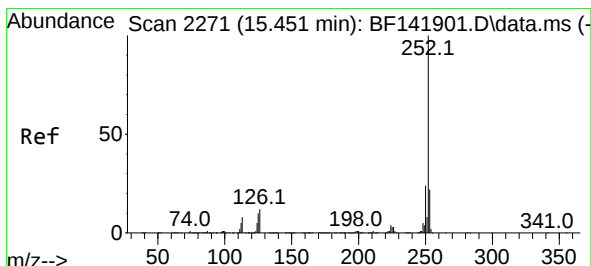
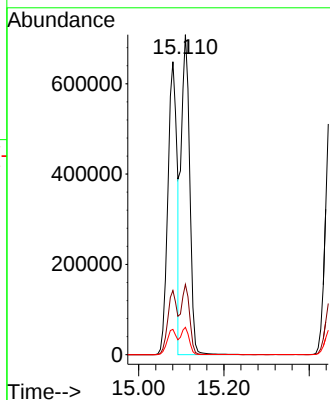
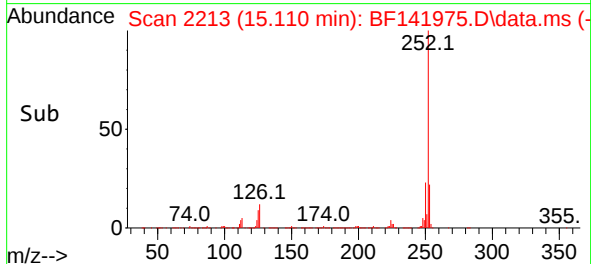
Instrument :
BNA_F
ClientSampleId :
PB167138BS



Tgt Ion:252 Resp: 977974
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.6 7.2 10.8

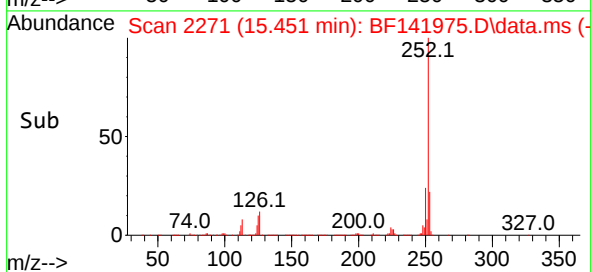
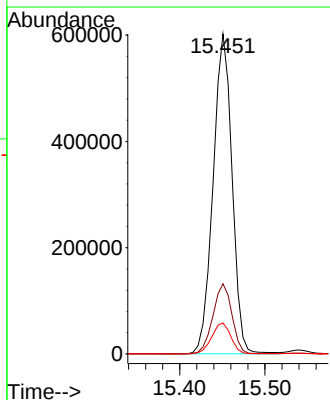
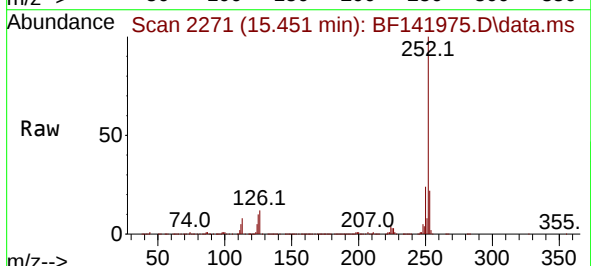
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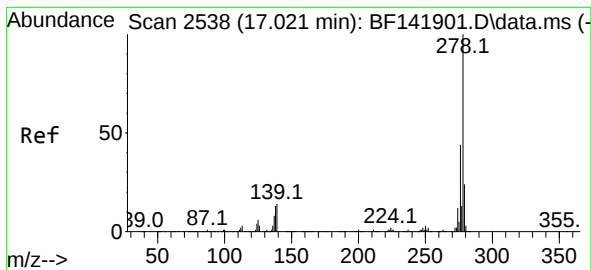
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#90
Benzo(a)pyrene
Concen: 47.871 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141975.D
Acq: 17 Mar 2025 10:38

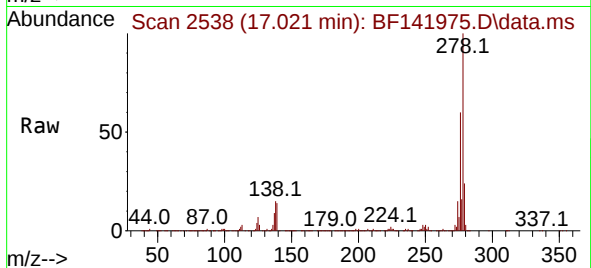
Tgt Ion:252 Resp: 931736
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 7.8 11.8





#91
 Dibenzo(a,h)anthracene
 Concen: 52.788 ng
 RT: 17.021 min Scan# 2538
 Delta R.T. 0.000 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38

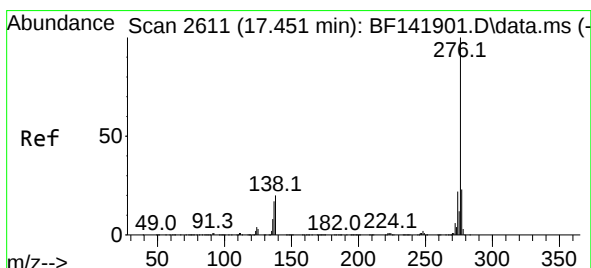
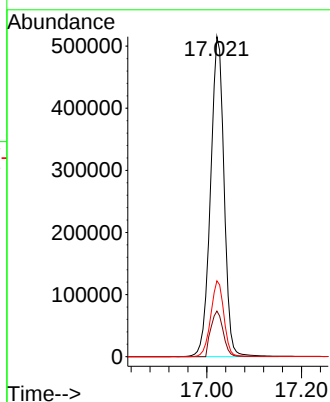
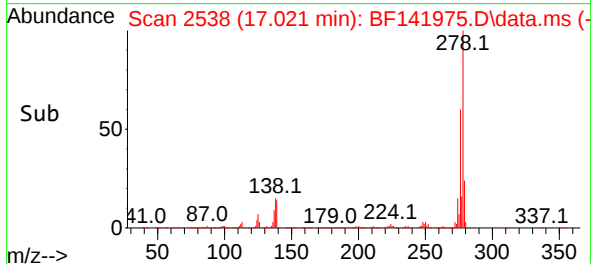
Instrument :
 BNA_F
 ClientSampleId :
 PB167138BS



Tgt Ion:278 Resp: 102258
 Ion Ratio Lower Upper
 278 100
 139 14.3 11.4 17.2
 279 23.7 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#92
 Benzo(g,h,i)perylene
 Concen: 50.357 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF141975.D
 Acq: 17 Mar 2025 10:38

Tgt Ion:276 Resp: 963992
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.7 28.1
 138 18.4 15.8 23.8

