

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142070.D
 Acq On : 25 Mar 2025 11:09
 Operator : RC/JU
 Sample : PB167274BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 11:45:08 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	6.875	152	129139	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522093	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302608	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	543533	20.000	ng	0.00
76) Chrysene-d12	14.033	240	302856	20.000	ng	0.00
86) Perylene-d12	15.504	264	273867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1172189	151.491	ng	0.01
7) Phenol-d6	6.504	99	1443747	146.547	ng	0.00
23) Nitrobenzene-d5	7.440	82	964308	103.942	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	706205	183.956	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2064823	103.771	ng	0.00
79) Terphenyl-d14	12.980	244	2648255	129.280	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	140481	43.330	ng	97
3) Pyridine	3.499	79	324526	40.807	ng	97
4) n-Nitrosodimethylamine	3.434	42	163230	43.058	ng	96
6) Aniline	6.534	93	367319	37.795	ng	# 89
8) 2-Chlorophenol	6.657	128	413702	48.208	ng	99
9) Benzaldehyde	6.422	77	99229	18.009	ng	99
10) Phenol	6.516	94	476532	45.978	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	349429	44.900	ng	98
12) 1,3-Dichlorobenzene	6.816	146	429884	46.399	ng	99
13) 1,4-Dichlorobenzene	6.893	146	440202	46.959	ng	98
14) 1,2-Dichlorobenzene	7.045	146	420434	47.617	ng	98
15) Benzyl Alcohol	7.016	79	358977	45.071	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384793	40.955	ng	95
17) 2-Methylphenol	7.122	107	324992	47.630	ng	99
18) Hexachloroethane	7.387	117	163917	46.631	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266415	42.085	ng	99
20) 3+4-Methylphenols	7.275	107	410129	46.926	ng	# 86
22) Acetophenone	7.281	105	608758	48.689	ng	96
24) Nitrobenzene	7.457	77	416912	45.204	ng	98
25) Isophorone	7.692	82	755549	46.072	ng	99
26) 2-Nitrophenol	7.769	139	228050	50.380	ng	99
27) 2,4-Dimethylphenol	7.804	122	350384	56.215	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	450261	43.775	ng	99
29) 2,4-Dichlorophenol	8.010	162	363857	47.031	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	390960	45.856	ng	100
31) Naphthalene	8.175	128	1191000	44.409	ng	100
32) Benzoic acid	7.928	122	275519	50.287	ng	97
33) 4-Chloroaniline	8.222	127	201436	21.277	ng	98
34) Hexachlorobutadiene	8.292	225	263275	47.351	ng	99
35) Caprolactam	8.592	113	125411m	53.170	ng	
36) 4-Chloro-3-methylphenol	8.704	107	398472	46.172	ng	99
37) 2-Methylnaphthalene	8.869	142	776891	43.338	ng	100
38) 1-Methylnaphthalene	8.969	142	766777	44.326	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	469660	50.977	ng	99
41) Hexachlorocyclopentadiene	9.022	237	558279	154.834	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	289706	48.114	ng	99

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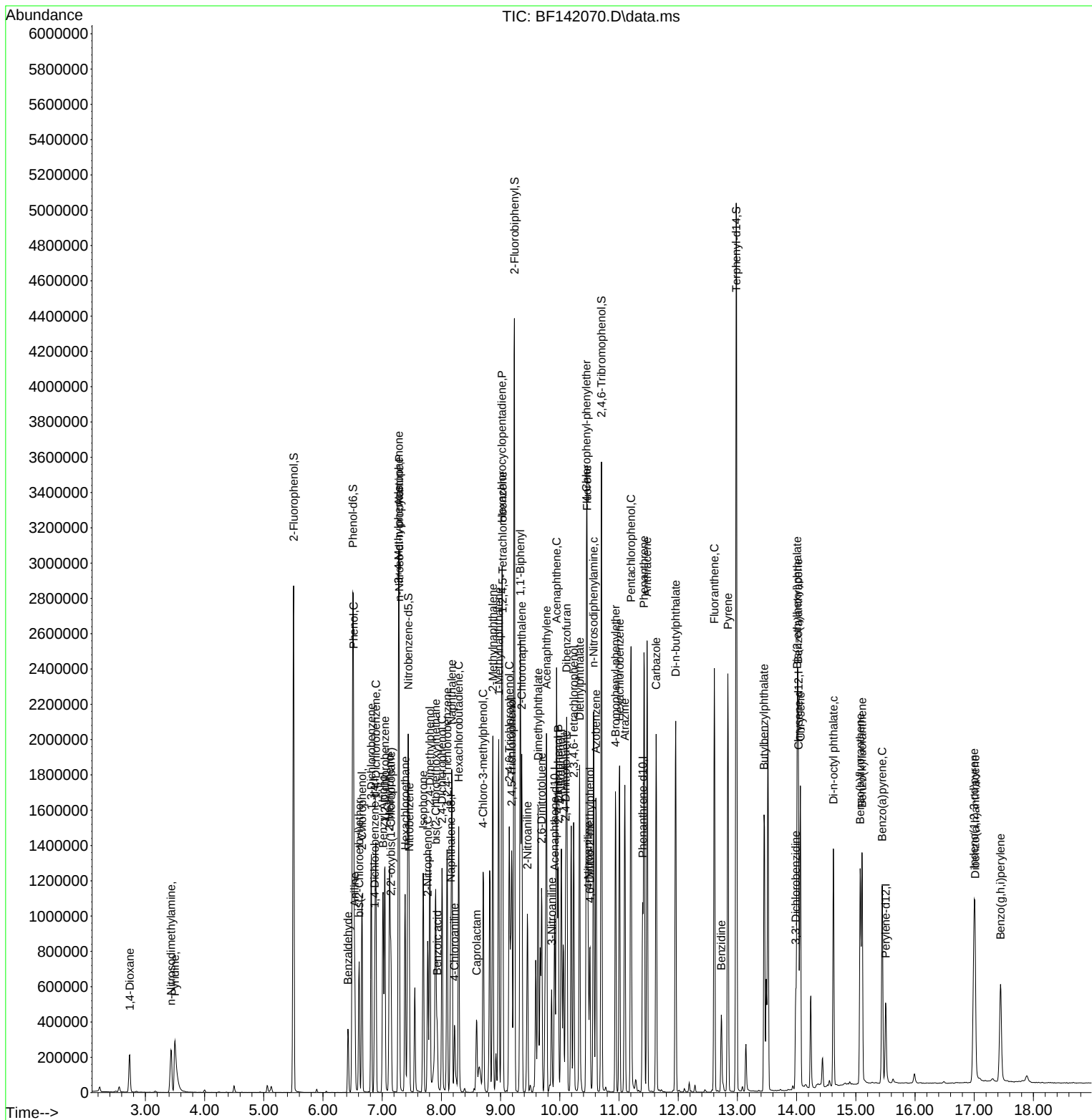
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	293856	48.187	ng	100
46) 1,1'-Biphenyl	9.334	154	1145949	49.840	ng	99
47) 2-Chloronaphthalene	9.357	162	785973	45.863	ng	99
48) 2-Nitroaniline	9.451	65	233668	47.091	ng	98
49) Acenaphthylene	9.775	152	1240563	48.781	ng	100
50) Dimethylphthalate	9.634	163	985586	46.510	ng	100
51) 2,6-Dinitrotoluene	9.692	165	217727	49.347	ng	97
52) Acenaphthene	9.945	154	939330	52.559	ng	100
53) 3-Nitroaniline	9.863	138	128191	28.643	ng	99
54) 2,4-Dinitrophenol	9.975	184	258179	101.100	ng	# 45
55) Dibenzofuran	10.116	168	1152234	45.120	ng	99
56) 4-Nitrophenol	10.028	139	340583	100.910	ng	96
57) 2,4-Dinitrotoluene	10.098	165	304173	52.783	ng	99
58) Fluorene	10.463	166	915719	46.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	271100	48.854	ng	98
60) Diethylphthalate	10.334	149	973810	46.087	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	481030	46.851	ng	98
62) 4-Nitroaniline	10.481	138	201448	46.233	ng	98
63) Azobenzene	10.610	77	853970	43.470	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	173343	53.497	ng	93
66) n-Nitrosodiphenylamine	10.569	169	808364	45.959	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	313496	45.926	ng	100
68) Hexachlorobenzene	11.010	284	370884	49.539	ng	95
69) Atrazine	11.098	200	339977	63.051	ng	99
70) Pentachlorophenol	11.204	266	442499	95.929	ng	99
71) Phenanthrene	11.422	178	1387852	47.273	ng	99
72) Anthracene	11.475	178	1426742	48.440	ng	99
73) Carbazole	11.628	167	1176645	46.322	ng	100
74) Di-n-butylphthalate	11.957	149	1527054	45.307	ng	100
75) Fluoranthene	12.610	202	1419625	45.586	ng	99
77) Benzidine	12.727	184	254189	60.157	ng	100
78) Pyrene	12.839	202	1400267	53.451	ng	100
80) Butylbenzylphthalate	13.451	149	527685	51.463	ng	99
81) Benzo(a)anthracene	14.027	228	962649	48.439	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	169880	29.580	ng	99
83) Chrysene	14.063	228	847099	47.023	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	694674	49.136	ng	99
85) Di-n-octyl phthalate	14.621	149	938269	47.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	749335	42.297	ng	97
88) Benzo(b)fluoranthene	15.074	252	835193	44.497	ng	99
89) Benzo(k)fluoranthene	15.104	252	703377	43.790	ng	99
90) Benzo(a)pyrene	15.445	252	713179	48.560	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	598737	40.961	ng	99
92) Benzo(g,h,i)perylene	17.445	276	557501	38.596	ng	97

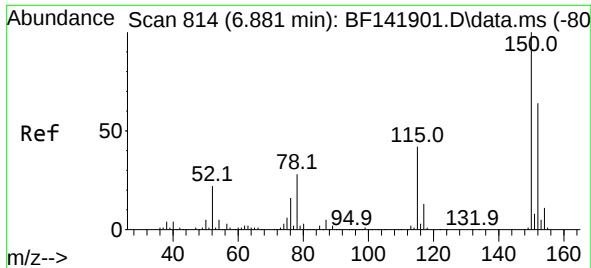
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Manual Integrations

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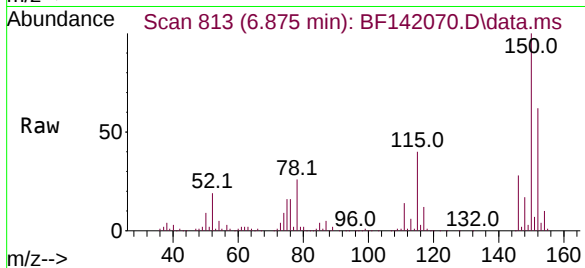
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

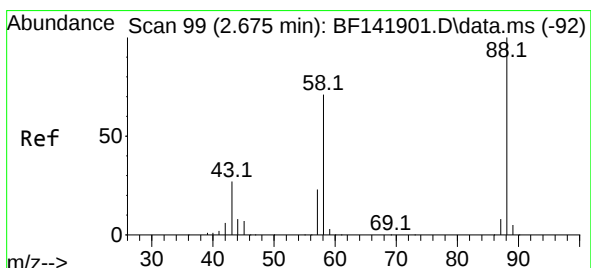
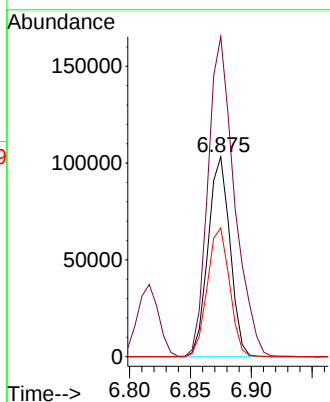
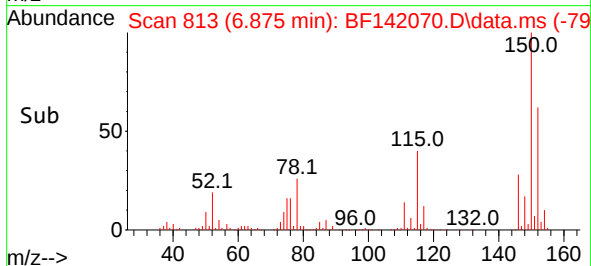
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion:152 Resp: 129139
Ion Ratio Lower Upper
152 100
150 160.2 127.4 191.2
115 64.5 51.9 77.9

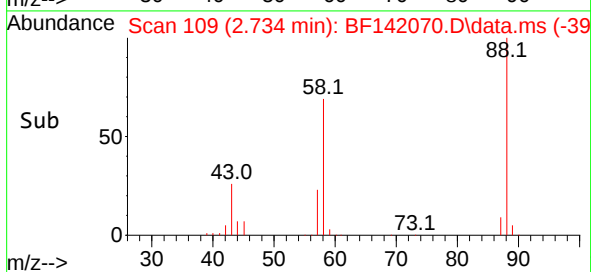
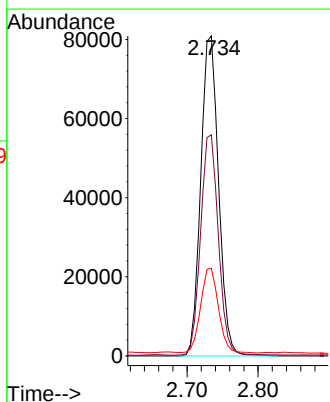
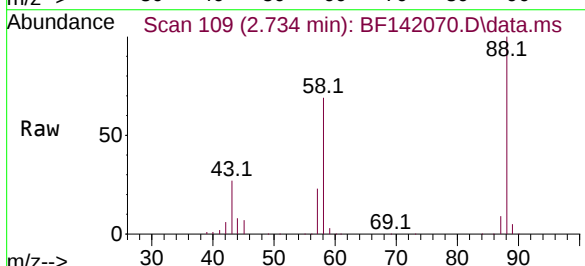
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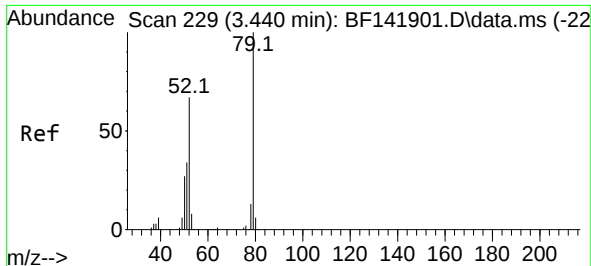
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Supervised By :Jagrut Upadhyay 03/26/2025



#2
1,4-Dioxane
Concen: 43.330 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.059 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

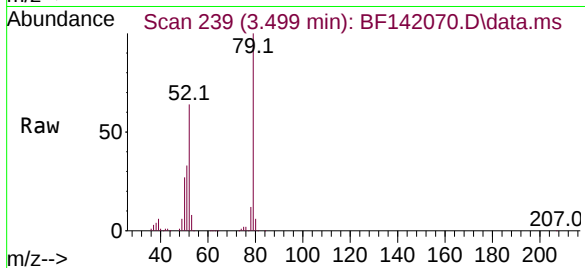
Tgt Ion: 88 Resp: 140481
Ion Ratio Lower Upper
88 100
58 68.6 57.4 86.2
43 26.3 21.5 32.3





#3
Pyridine
Concen: 40.807 ng
RT: 3.499 min Scan# 231
Delta R.T. 0.059 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

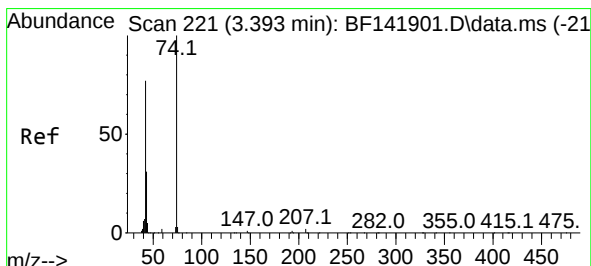
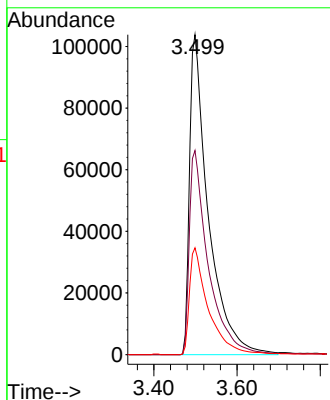
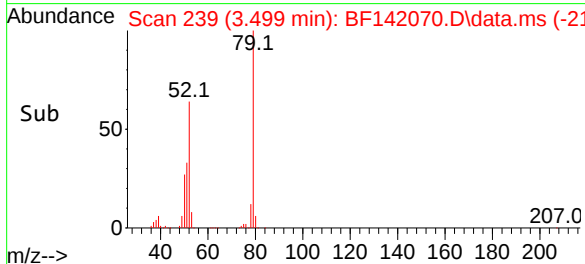
Instrument :
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ClientSampleId :
PB167274BS



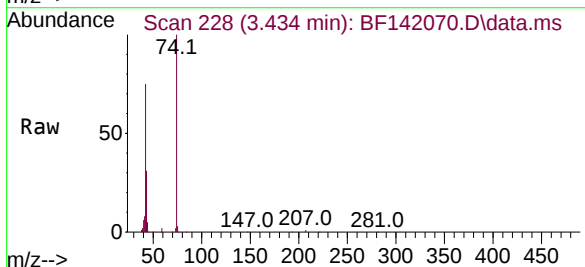
Tgt Ion: 79 Resp: 324526
Ion Ratio Lower Upper
79 100
52 63.8 53.3 79.9
51 33.4 27.6 41.4

Manual Integrations
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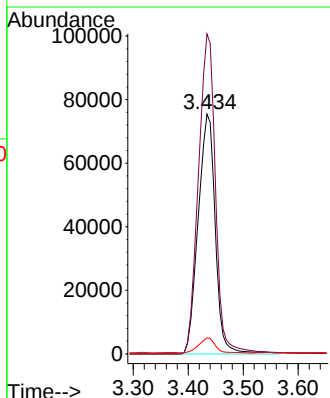
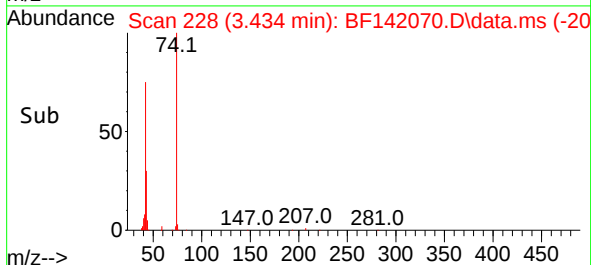
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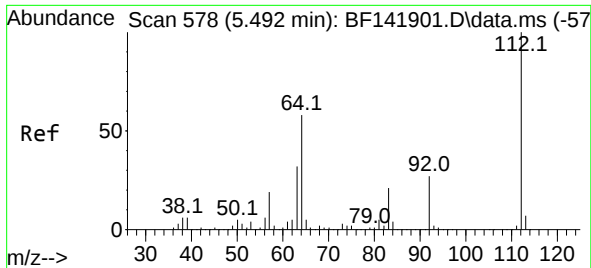


#4
n-Nitrosodimethylamine
Concen: 43.058 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.041 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion: 42 Resp: 163230
Ion Ratio Lower Upper
42 100
74 133.5 103.4 155.0
44 6.6 5.0 7.4





#5
2-Fluorophenol
Concen: 151.491 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

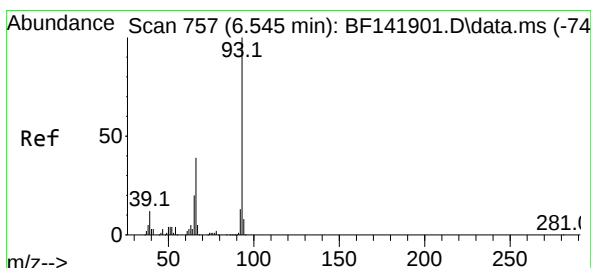
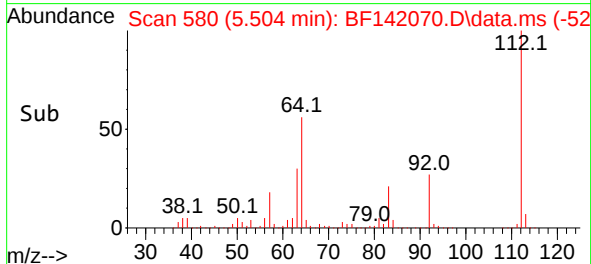
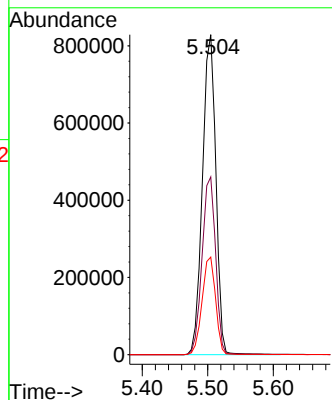
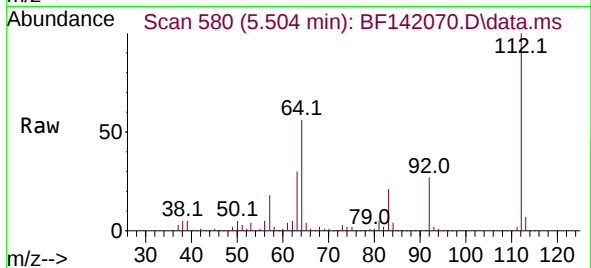
PB167274BS

Tgt Ion:112 Resp: 1172189
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 30.5 25.4 38.2

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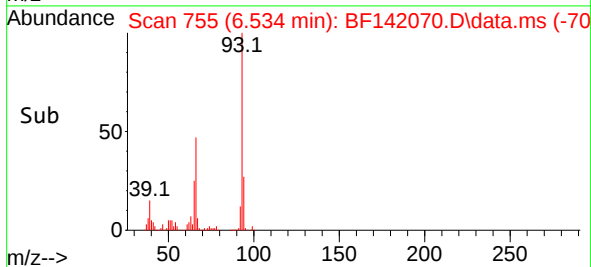
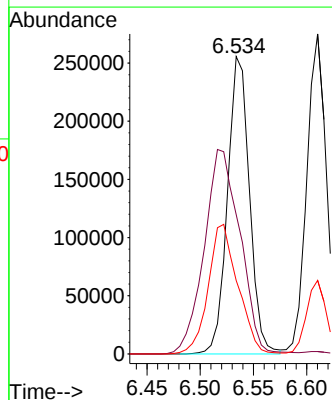
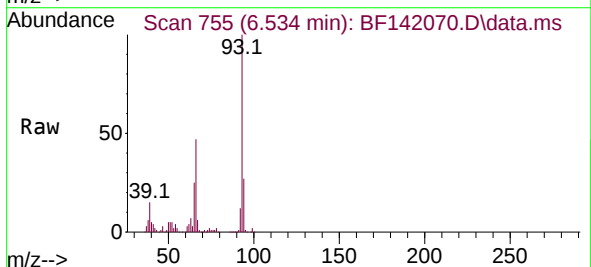
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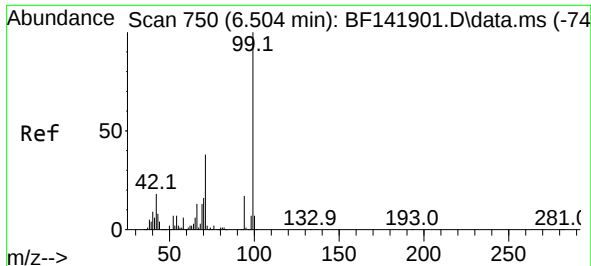
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#6
Aniline
Concen: 37.795 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

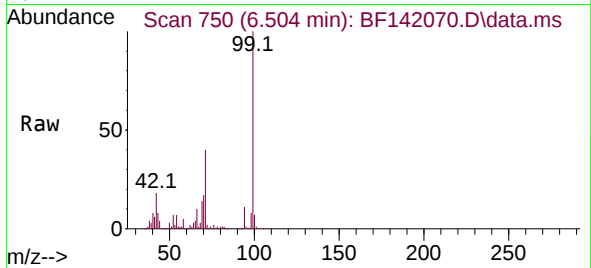
Tgt Ion: 93 Resp: 367319
Ion Ratio Lower Upper
93 100
66 46.8 31.9 47.9
65 24.7 15.8 23.6





#7
Phenol-d6
Concen: 146.547 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

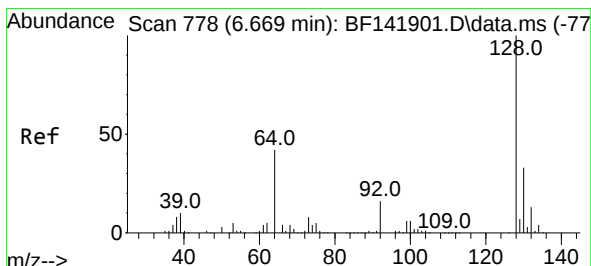
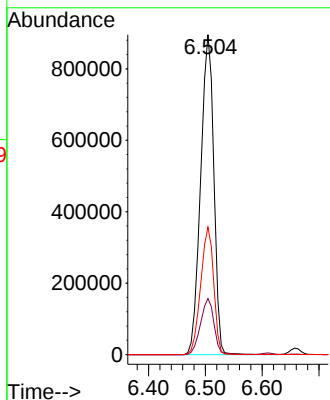
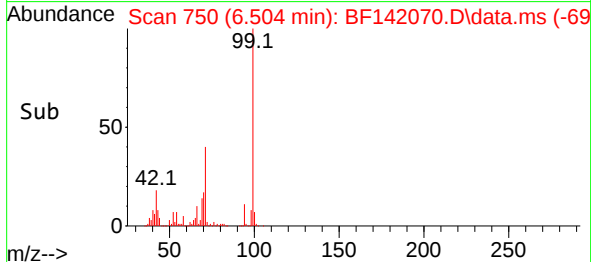
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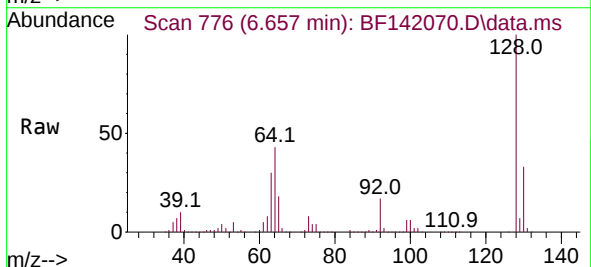
Tgt Ion: 99 Resp: 144374
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.8 30.8 46.2

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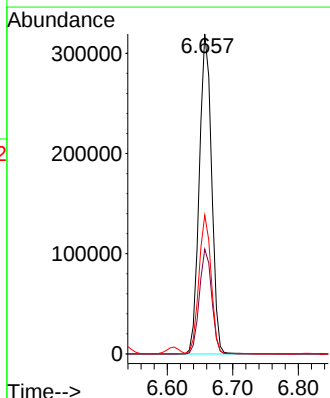
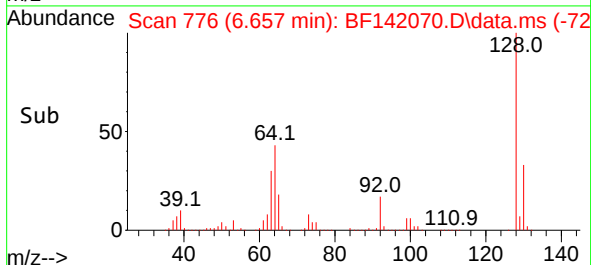
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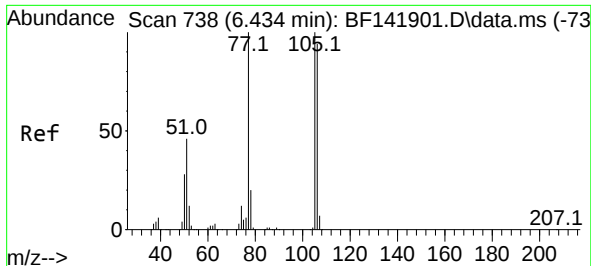


#8
2-Chlorophenol
Concen: 48.208 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



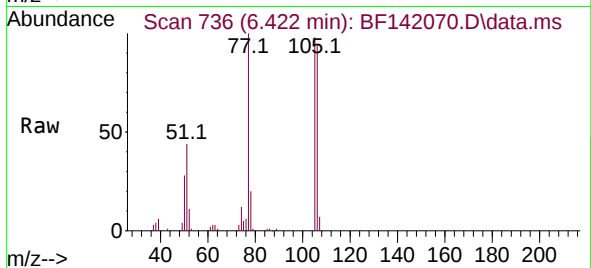
Tgt Ion:128 Resp: 413702
Ion Ratio Lower Upper
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130 32.7 12.8 52.8
64 43.4 24.4 64.4





#9
Benzaldehyde
Concen: 18.009 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

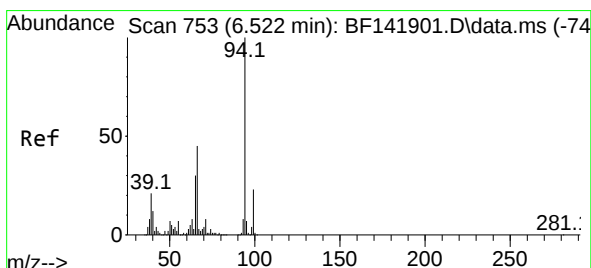
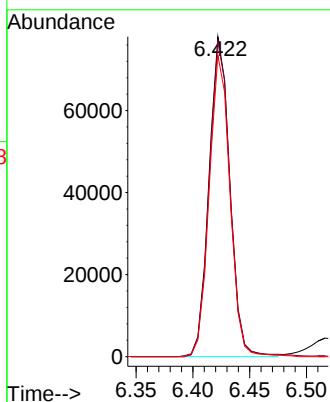
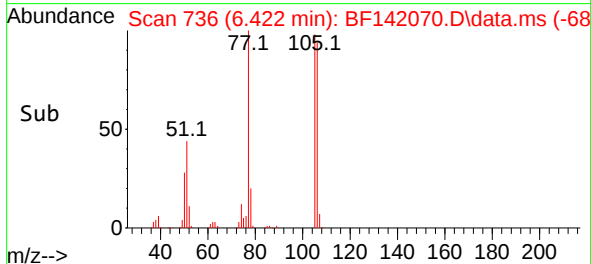
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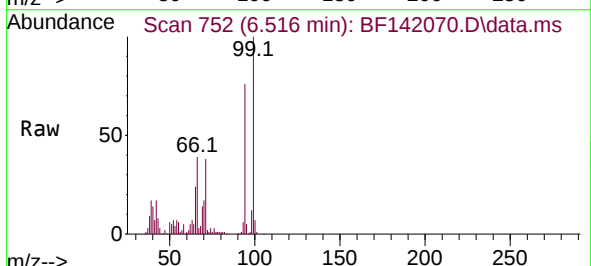
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Ion Ratio Lower Upper
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105 98.4 80.0 120.0
106 94.1 74.5 114.5

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APPROVED

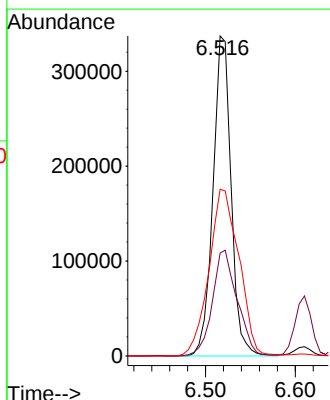
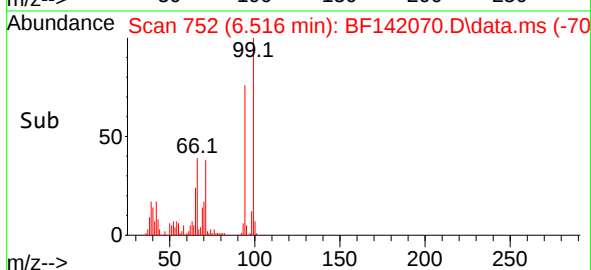
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

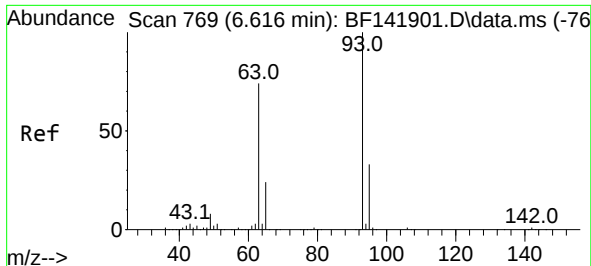


#10
Phenol
Concen: 45.978 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion: 94 Resp: 476532
Ion Ratio Lower Upper
94 100
65 32.1 10.5 50.5
66 52.1 25.8 65.8





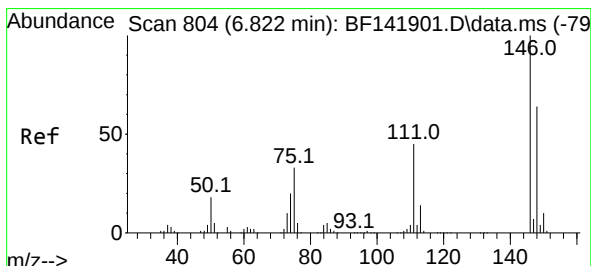
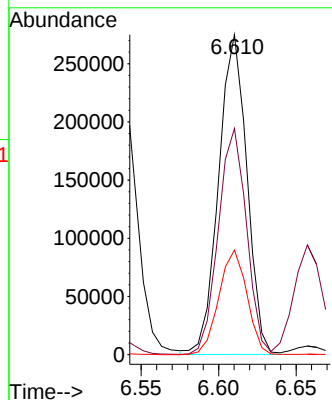
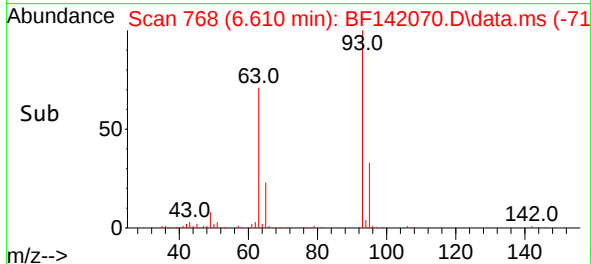
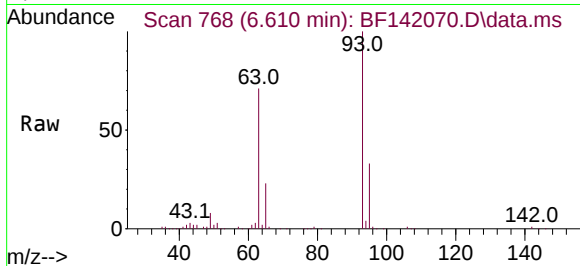
#11
bis(2-Chloroethyl)ether
Concen: 44.900 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion: 93 Resp: 349429
Ion Ratio Lower Upper
93 100
63 70.7 53.0 93.0
95 32.7 12.9 52.9

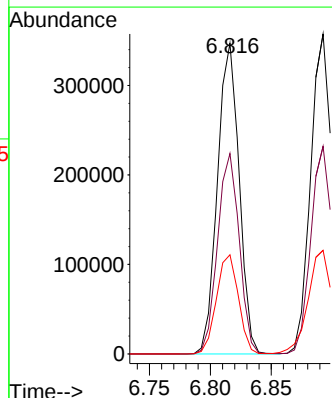
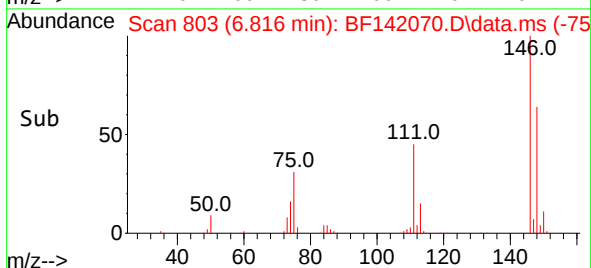
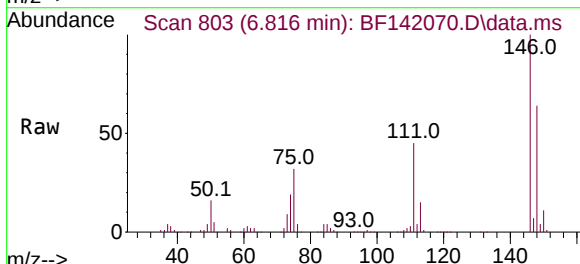
Manual Integrations
APPROVED

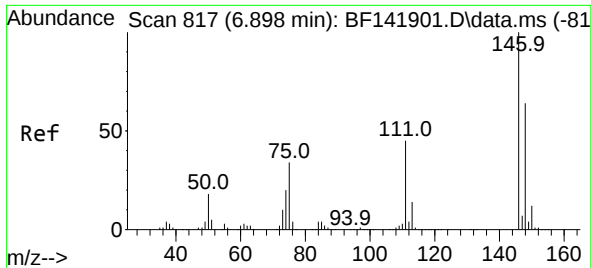
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#12
1,3-Dichlorobenzene
Concen: 46.399 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:146 Resp: 429884
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 31.9 26.6 40.0





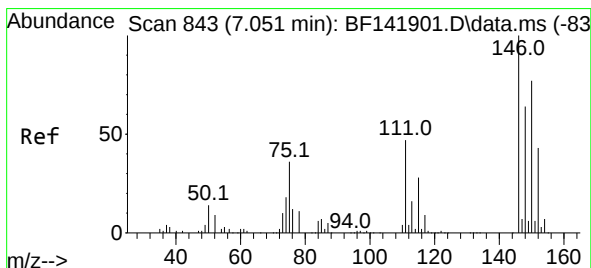
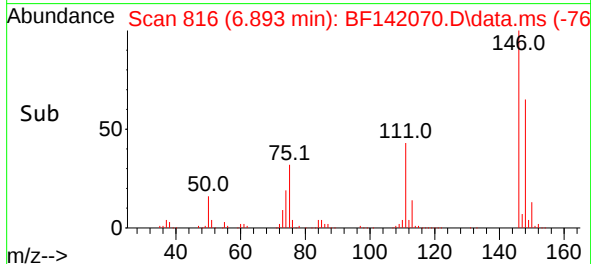
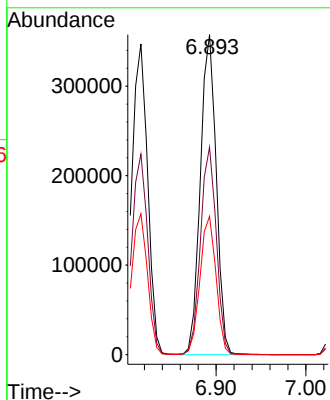
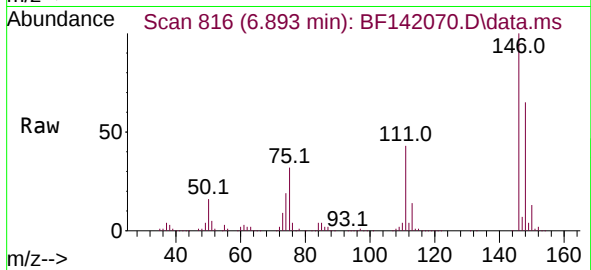
#13
1,4-Dichlorobenzene
Concen: 46.959 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:146 Resp: 440202
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 43.2 35.7 53.5

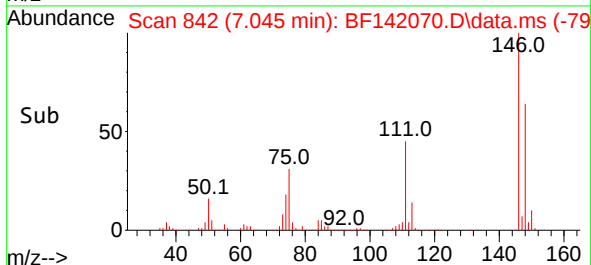
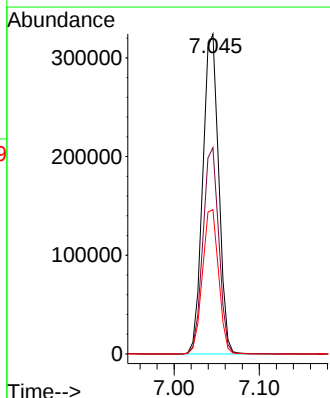
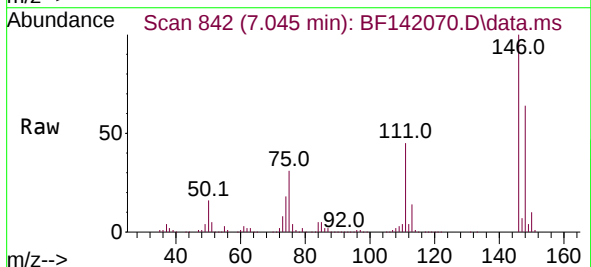
Manual Integrations
APPROVED

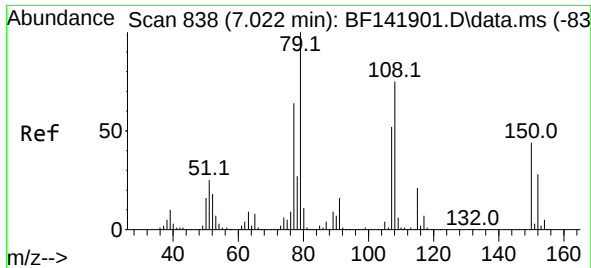
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#14
1,2-Dichlorobenzene
Concen: 47.617 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

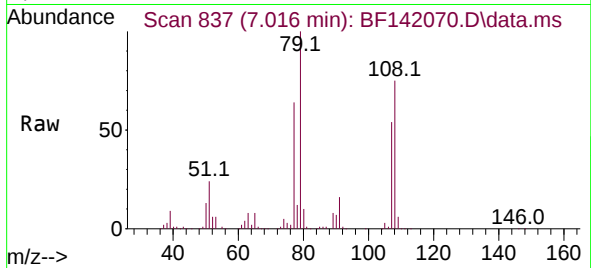
Tgt Ion:146 Resp: 420434
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 45.1 38.0 57.0





#15
Benzyl Alcohol
Concen: 45.071 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

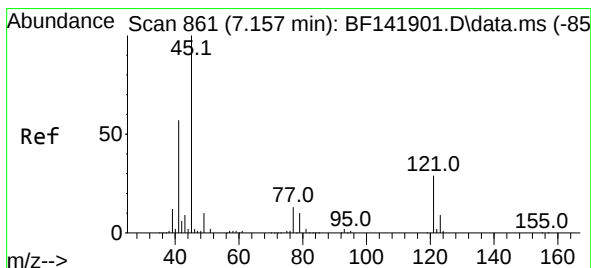
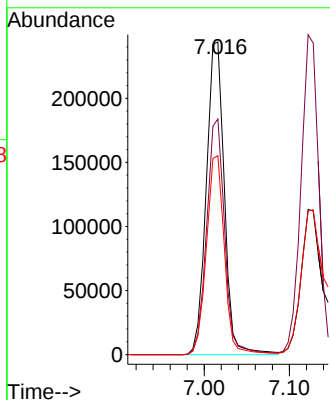
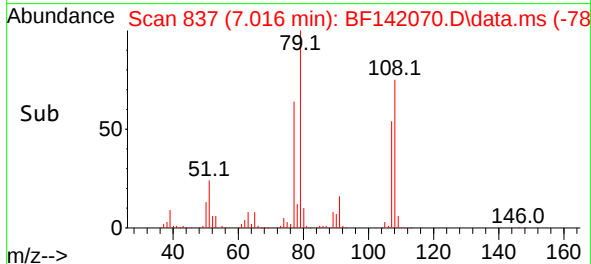
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion: 79 Resp: 358972
Ion Ratio Lower Upper
79 100
108 75.3 59.7 89.5
77 63.6 51.0 76.6

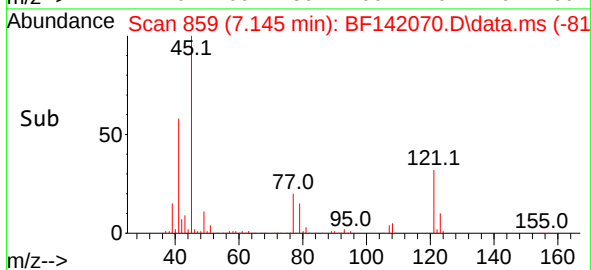
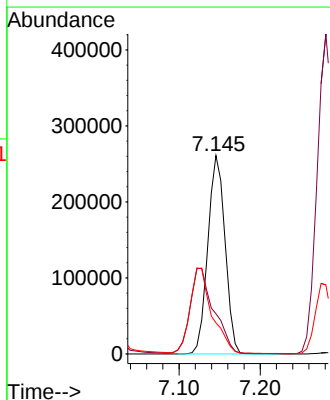
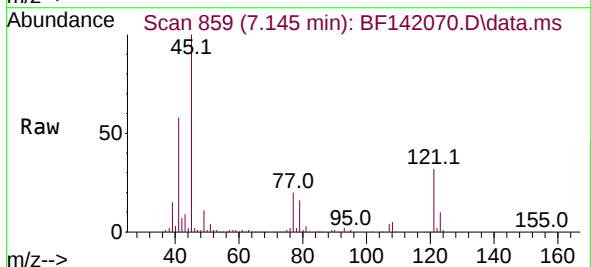
Manual Integrations
APPROVED

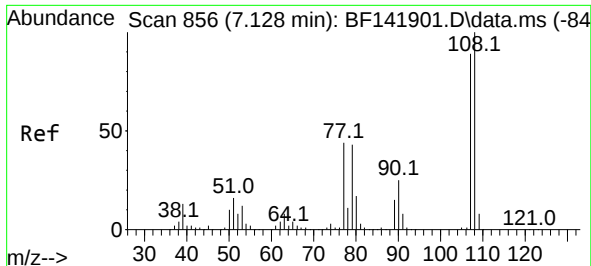
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.955 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

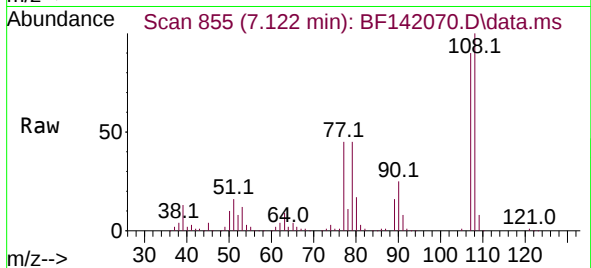
Tgt Ion: 45 Resp: 384793
Ion Ratio Lower Upper
45 100
77 20.2 0.0 37.8
79 15.6 0.0 34.2





#17
2-Methylphenol
Concen: 47.630 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

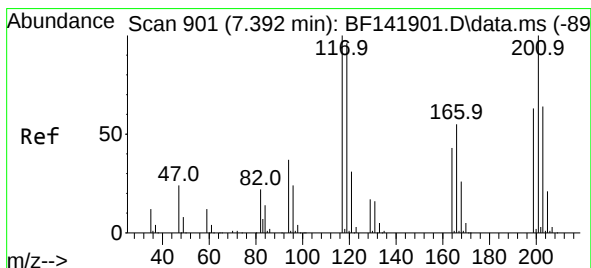
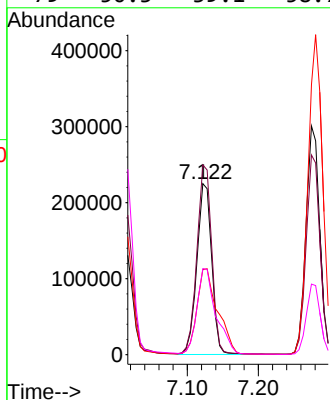
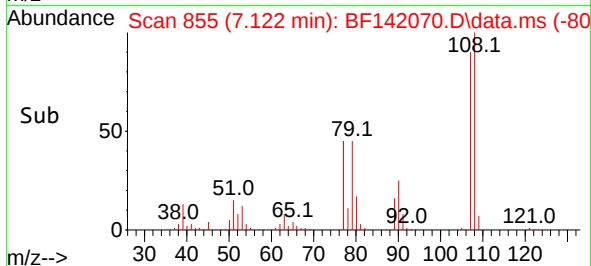
Instrument :
BNA_F
ClientSampleId :
PB167274BS



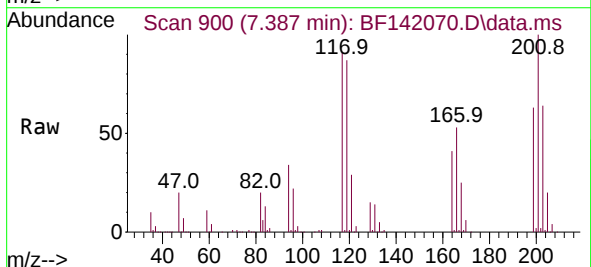
Tgt Ion:	107	Resp:	324992
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.2	135.2
77	49.7	39.6	59.4
79	50.3	39.1	58.7

Manual Integrations
APPROVED

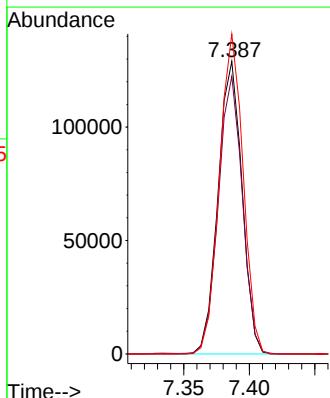
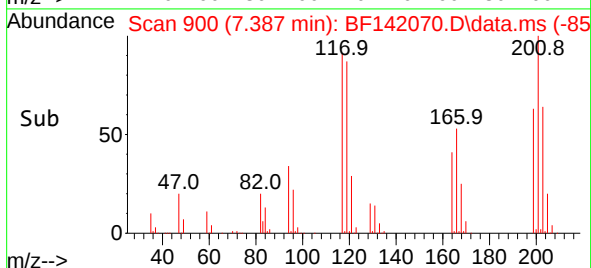
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

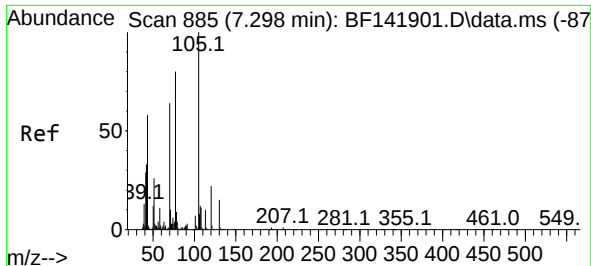


#18
Hexachloroethane
Concen: 46.631 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:	117	Resp:	163917
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	109.4	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.085 ng

RT: 7.287 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF142070.D

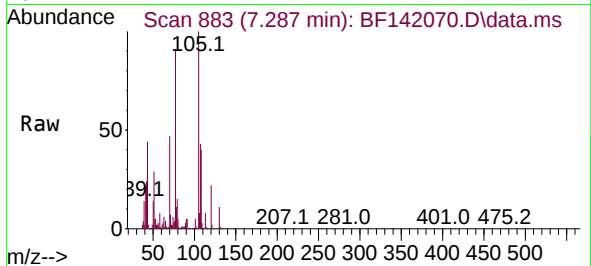
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS



Tgt Ion: 70 Resp: 266415

Ion Ratio Lower Upper

70 100

42 51.8 41.4 62.0

101 10.4 8.2 12.2

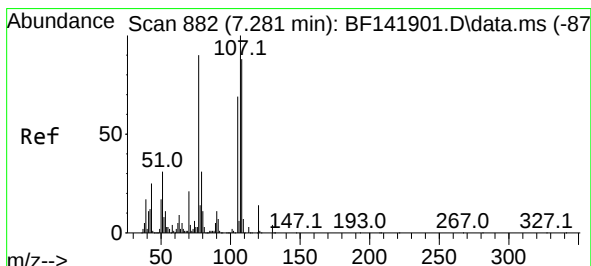
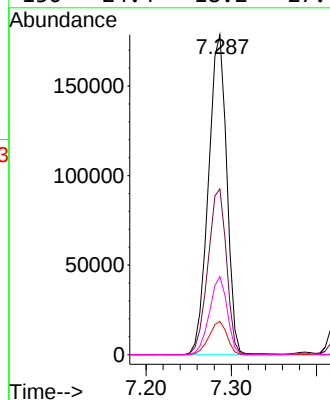
130 24.4 18.2 27.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#20

3+4-Methylphenols

Concen: 46.926 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Tgt Ion:107 Resp: 410129

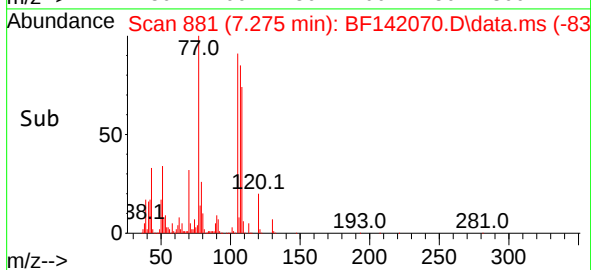
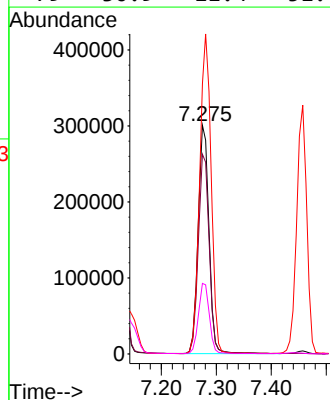
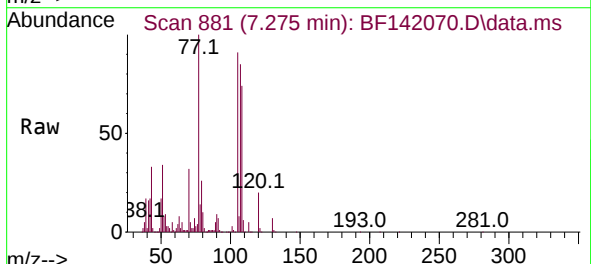
Ion Ratio Lower Upper

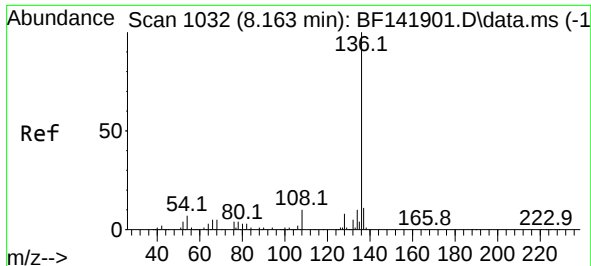
107 100

108 87.3 68.4 108.4

77 118.2 69.7 109.7#

79 30.9 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

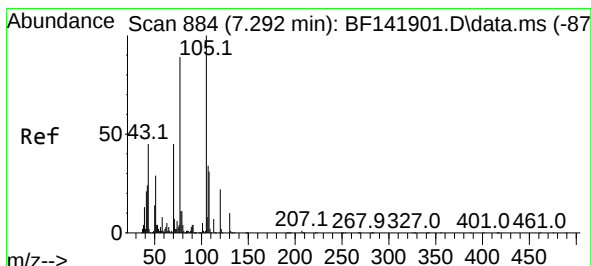
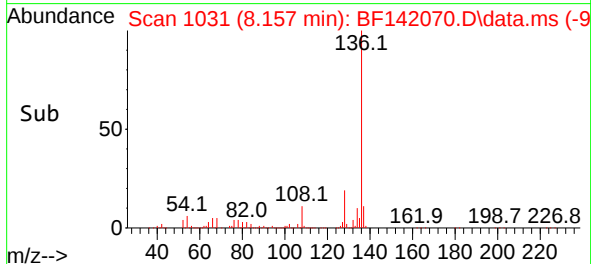
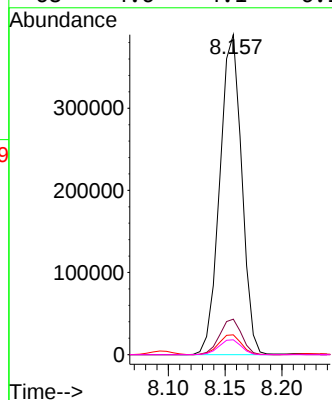
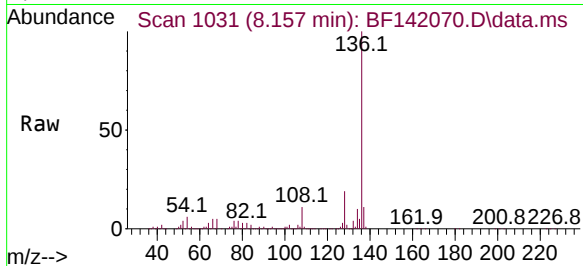
PB167274BS

Tgt Ion:136 Resp: 522093
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.8 8.8
68 4.6 4.1 6.1

Manual Integrations

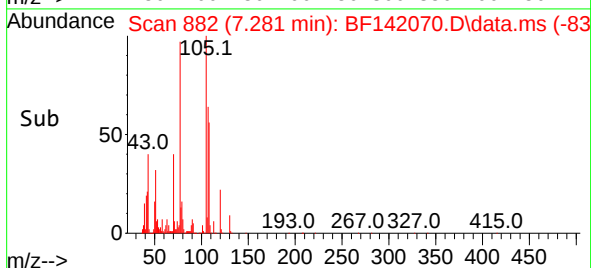
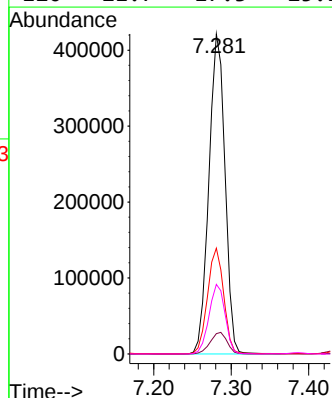
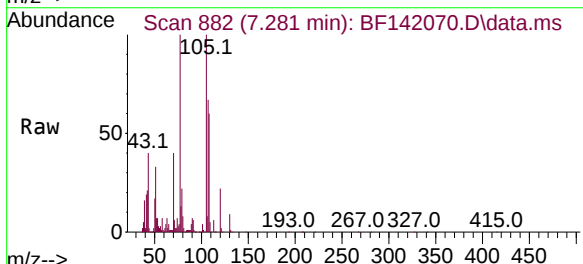
APPROVED

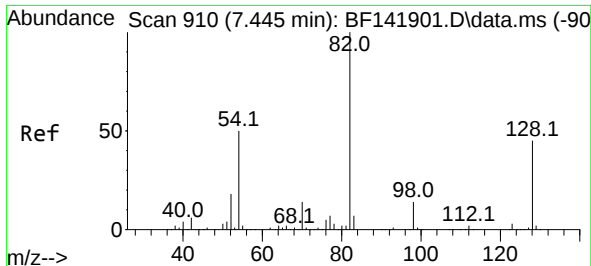
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#22
Acetophenone
Concen: 48.689 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:105 Resp: 608758
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.8
51 33.0 23.4 35.0
120 21.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 103.942 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

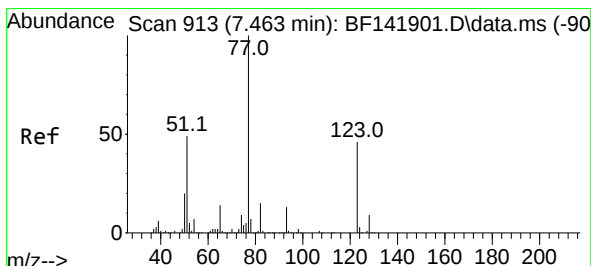
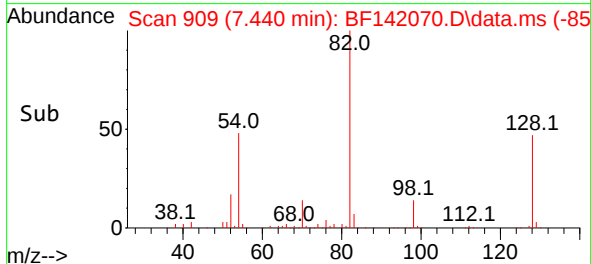
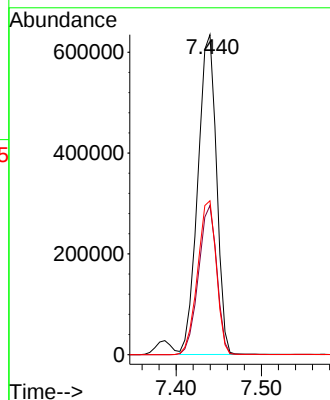
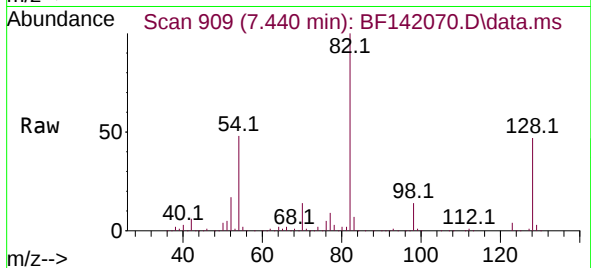
PB167274BS

Tgt Ion: 82 Resp: 964308
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.0 54.0
 54 48.1 39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#24

Nitrobenzene

Concen: 45.204 ng

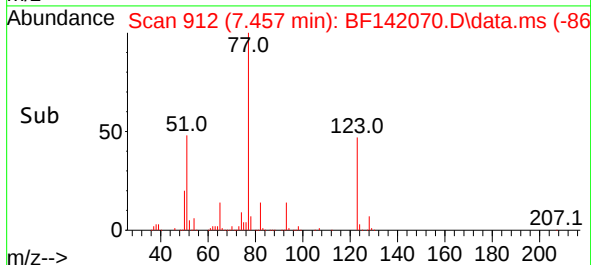
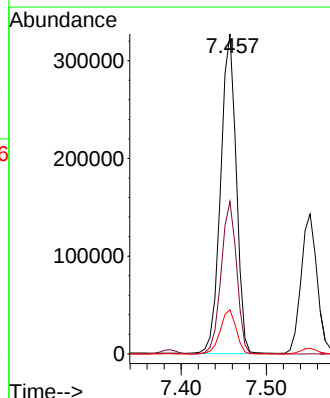
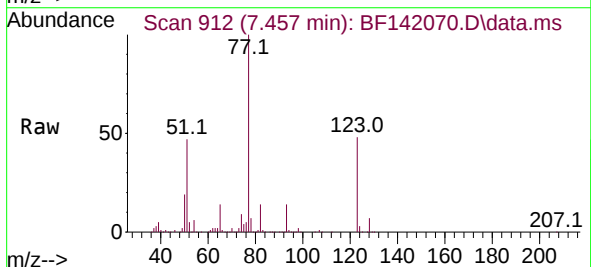
RT: 7.457 min Scan# 912

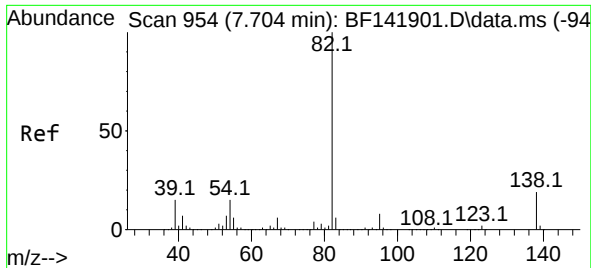
Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Tgt Ion: 77 Resp: 416912
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.0 55.4
 65 13.8 11.3 16.9





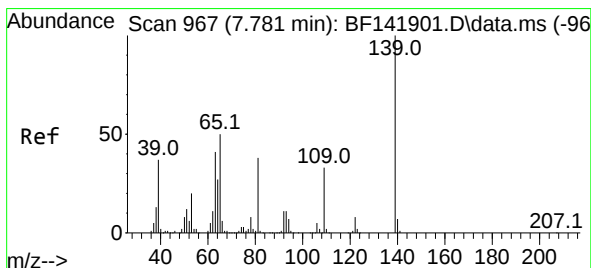
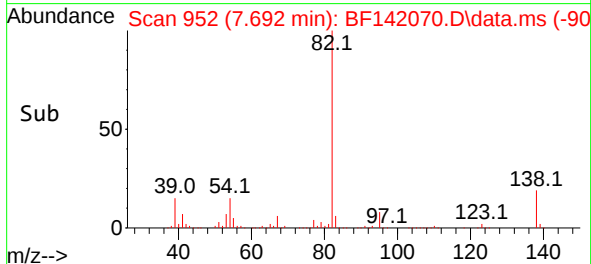
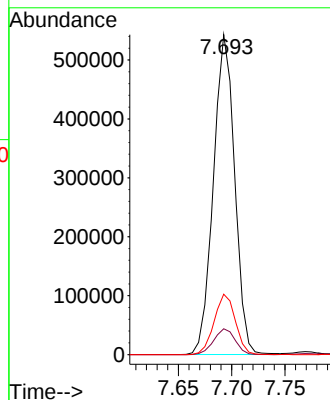
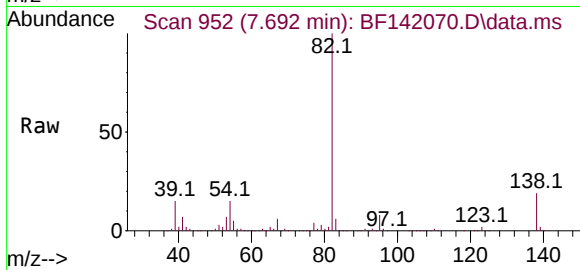
#25
Isophorone
Concen: 46.072 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion: 82 Resp: 755549
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.9 14.9 22.3

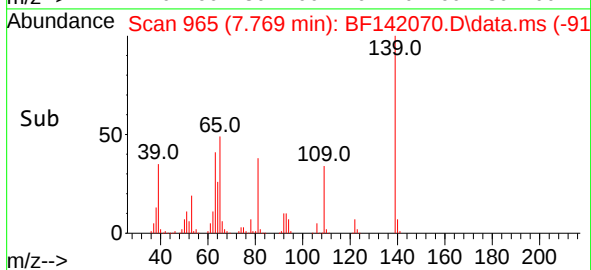
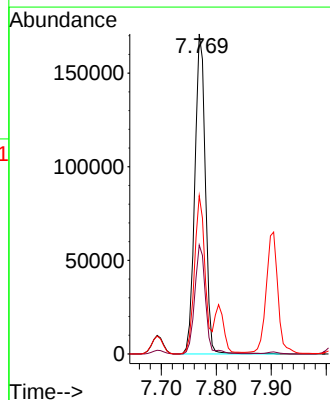
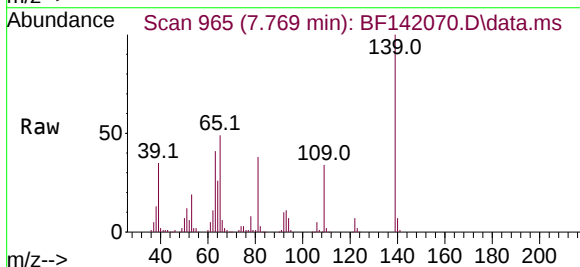
Manual Integrations
APPROVED

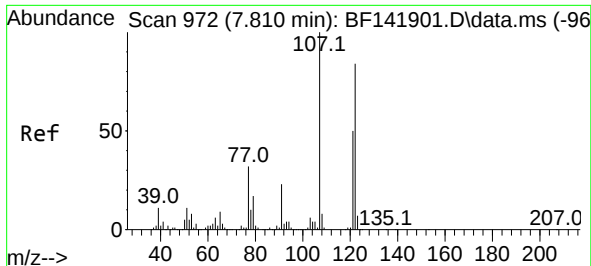
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#26
2-Nitrophenol
Concen: 50.380 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

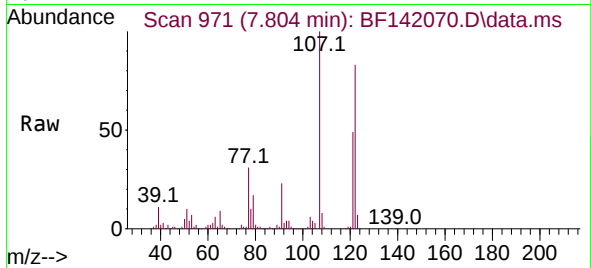
Tgt Ion:139 Resp: 228050
Ion Ratio Lower Upper
139 100
109 34.0 26.5 39.7
65 49.4 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 56.215 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

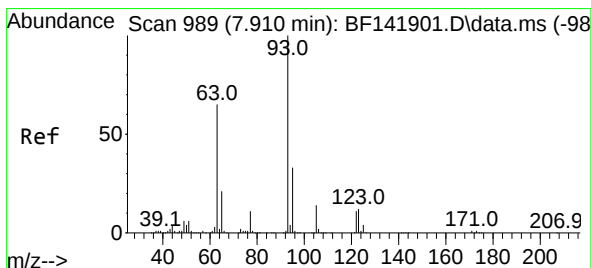
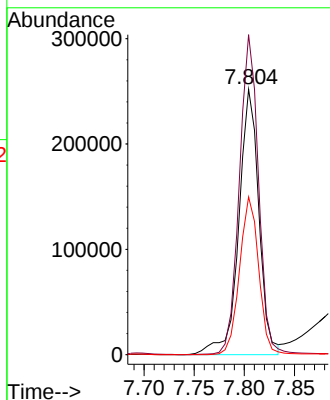
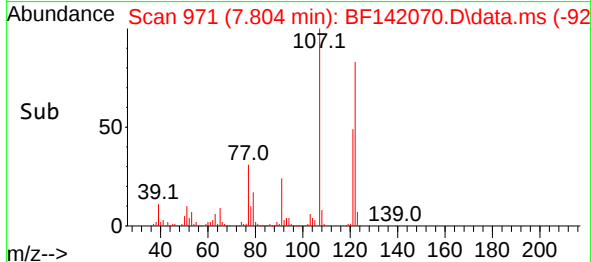
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion:122 Resp: 350384
Ion Ratio Lower Upper
122 100
107 120.6 94.8 142.2
121 59.4 47.8 71.6

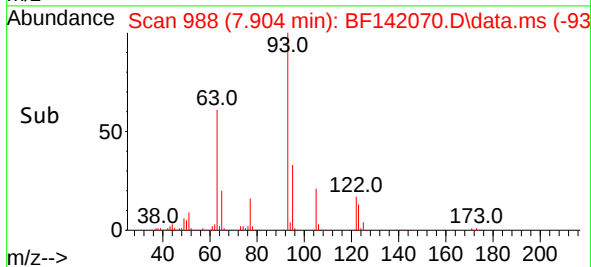
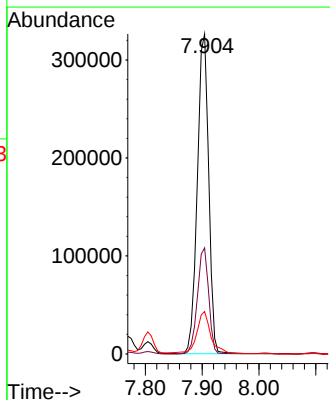
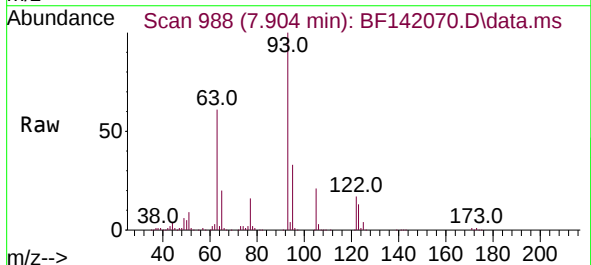
Manual Integrations
APPROVED

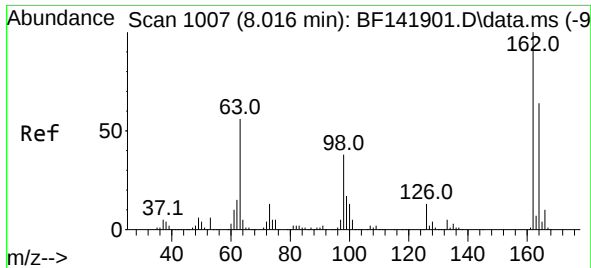
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.775 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 93 Resp: 450261
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.031 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

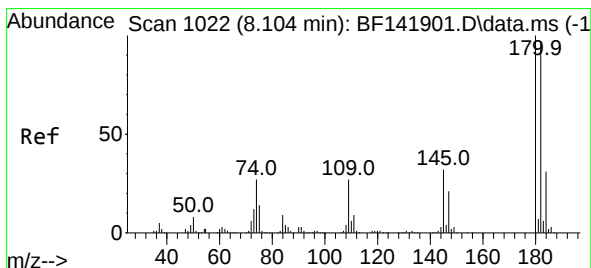
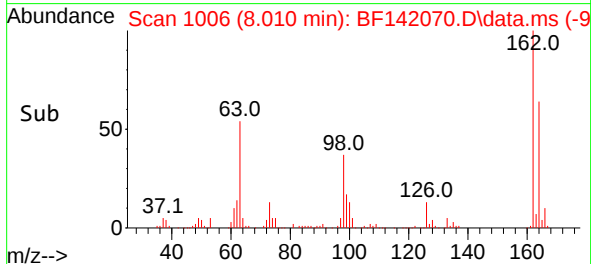
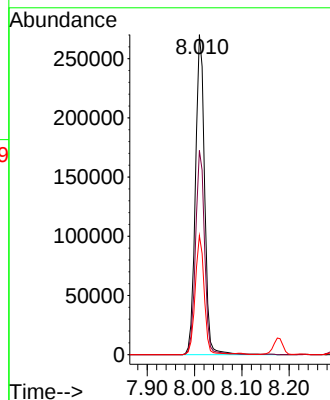
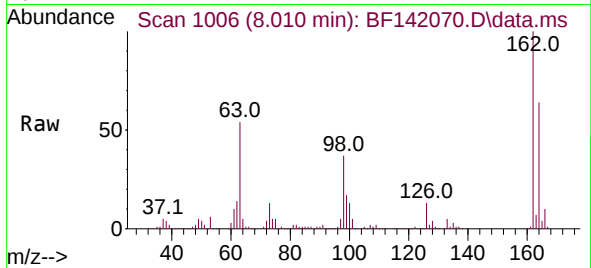
Tgt Ion:	162	Resp:	36385
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.8	83.8
98	37.2	18.1	58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.856 ng

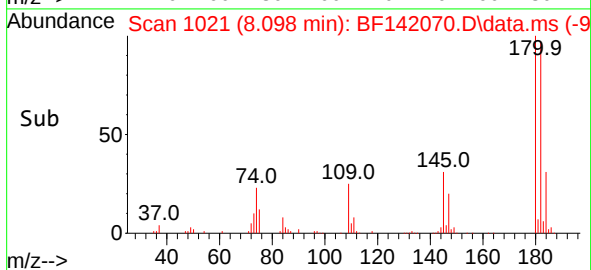
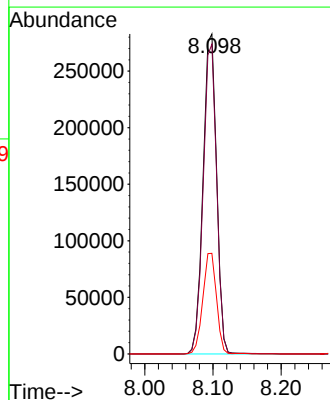
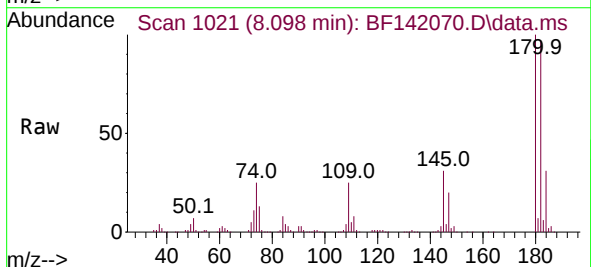
RT: 8.098 min Scan# 1021

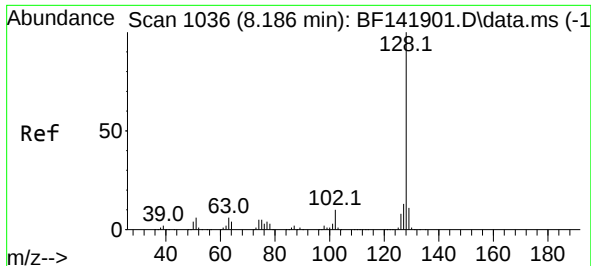
Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

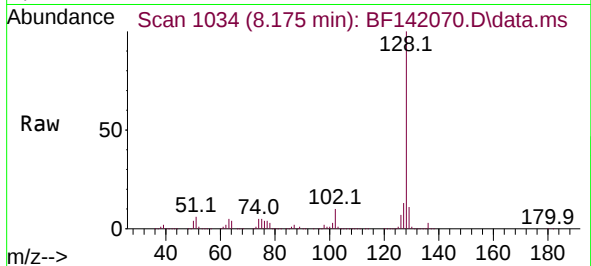
Tgt Ion:	180	Resp:	390960
Ion Ratio	Lower	Upper	
180	100		
182	96.8	77.5	116.3
145	31.4	25.8	38.6





#31
Naphthalene
Concen: 44.409 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

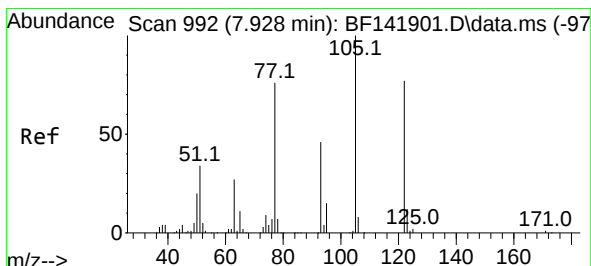
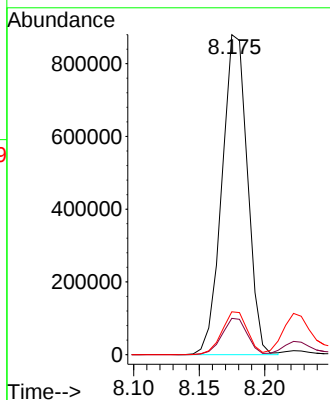
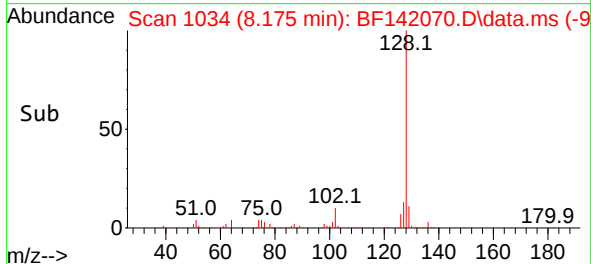
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion:128 Resp: 1191000
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2

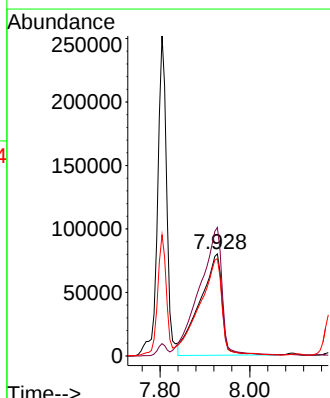
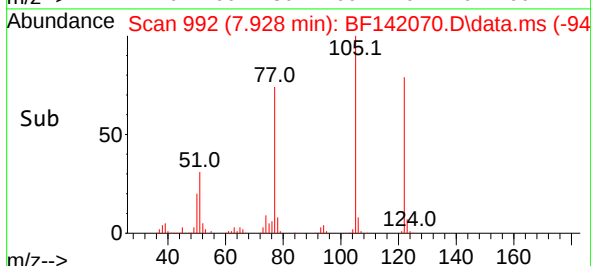
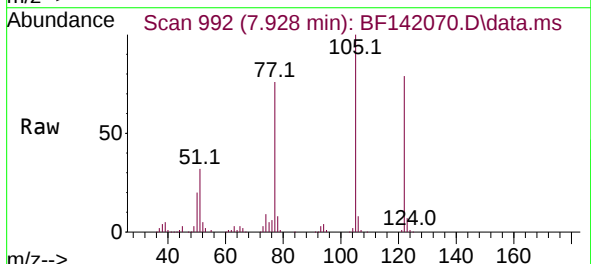
Manual Integrations
APPROVED

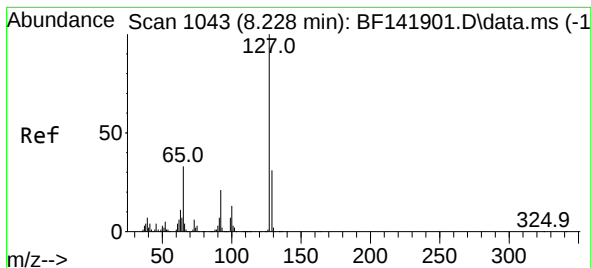
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#32
Benzoic acid
Concen: 50.287 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:122 Resp: 275519
Ion Ratio Lower Upper
122 100
105 125.9 107.9 147.9
77 95.4 79.0 119.0





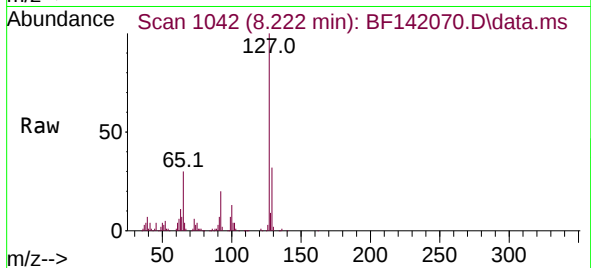
#33
4-Chloroaniline
Concen: 21.277 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

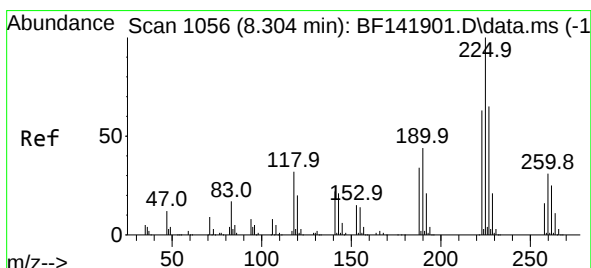
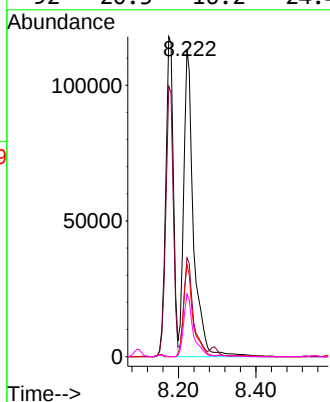
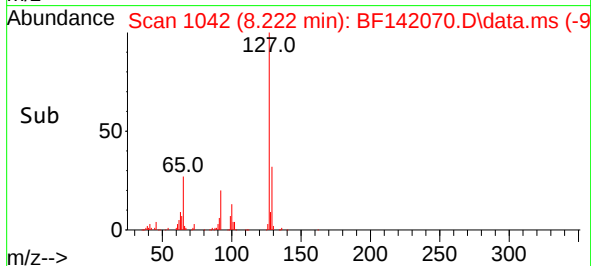


Tgt Ion:127 Resp: 201436
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4
65 29.9 25.4 38.2
92 20.3 16.2 24.4

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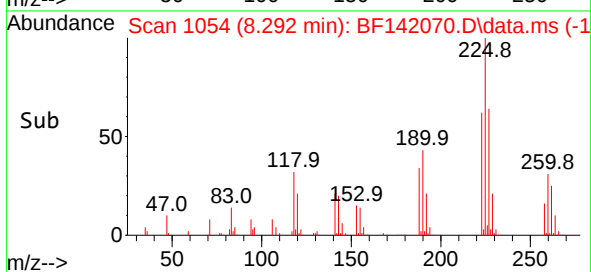
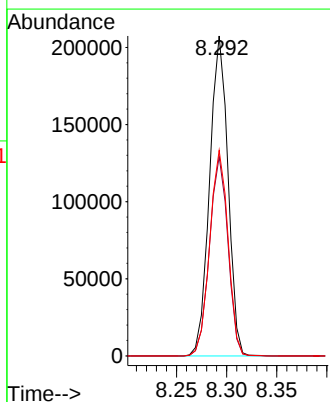
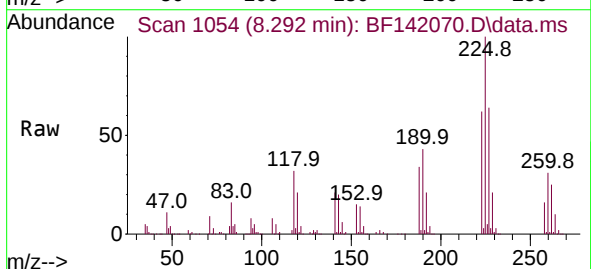
APPROVED

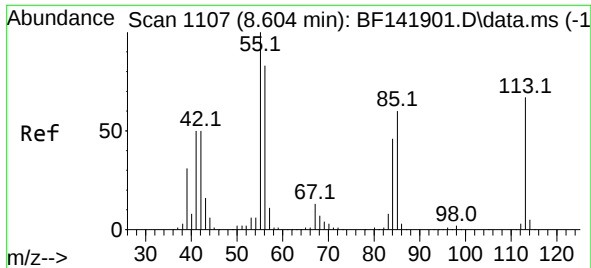
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#34
Hexachlorobutadiene
Concen: 47.351 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

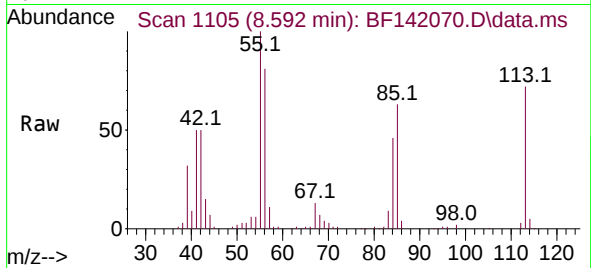
Tgt Ion:225 Resp: 263275
Ion Ratio Lower Upper
225 100
223 62.3 50.6 75.8
227 64.3 52.2 78.2





#35
Caprolactam
Concen: 53.170 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

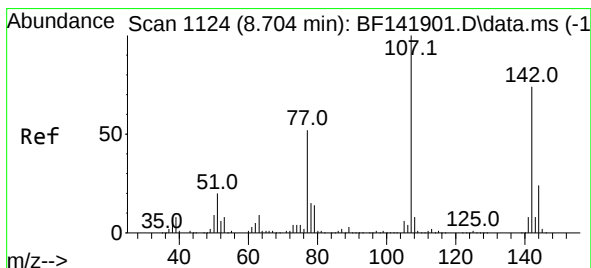
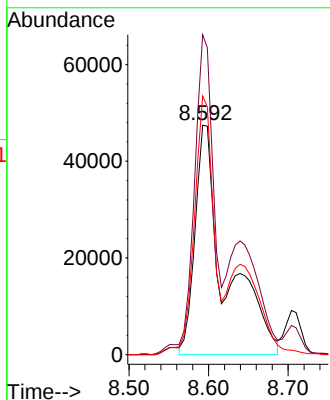
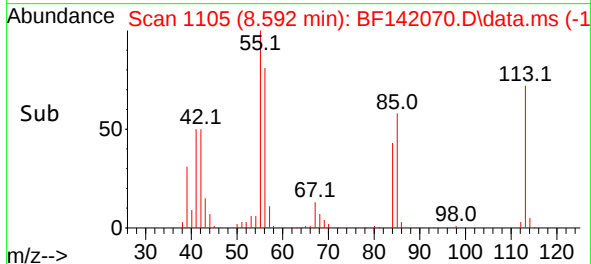
Instrument :
BNA_F
ClientSampleId :
PB167274BS



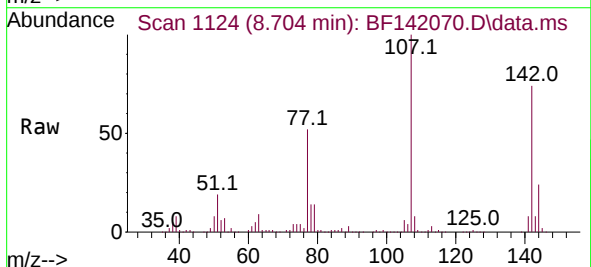
Tgt Ion:113 Resp: 125411
Ion Ratio Lower Upper
113 100
55 139.5 129.6 169.6
56 112.7 104.0 144.0

Manual Integrations
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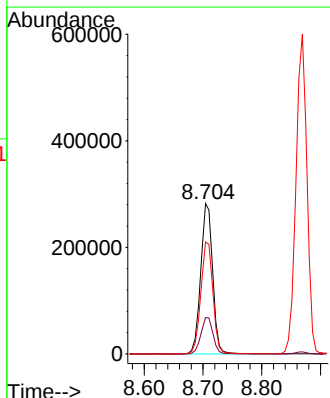
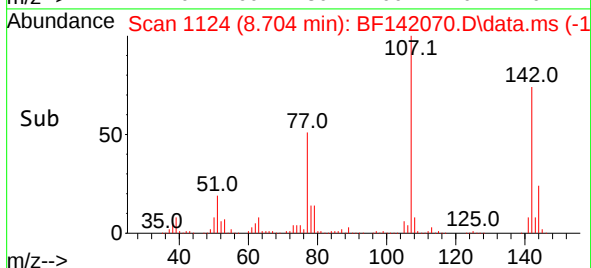
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

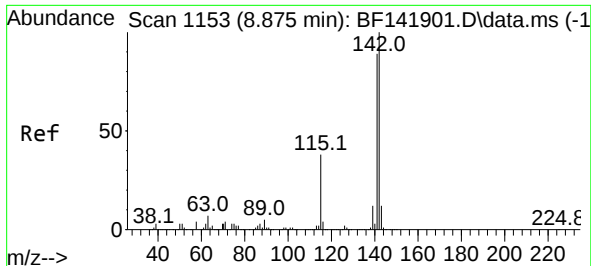


#36
4-Chloro-3-methylphenol
Concen: 46.172 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:107 Resp: 398472
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 74.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.338 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

Tgt Ion:142 Resp: 776891

Ion Ratio Lower Upper

142 100

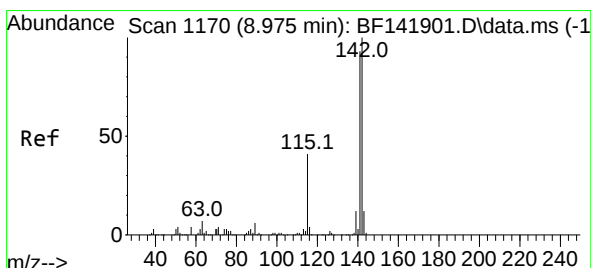
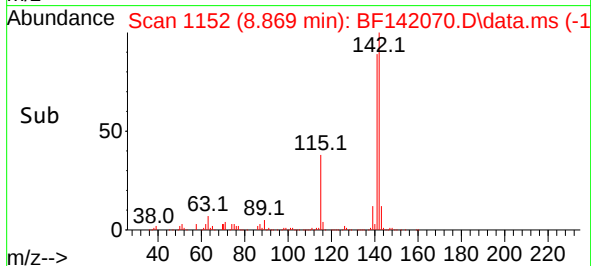
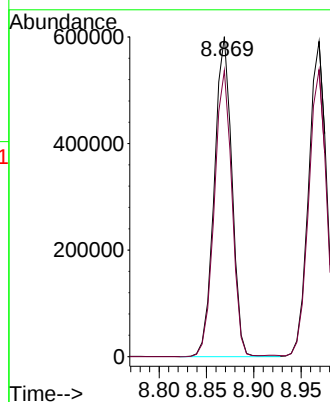
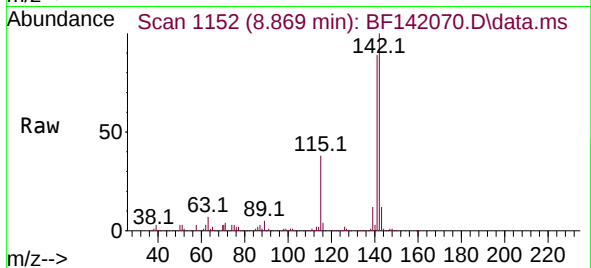
141 89.4 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#38

1-Methylnaphthalene

Concen: 44.326 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142070.D

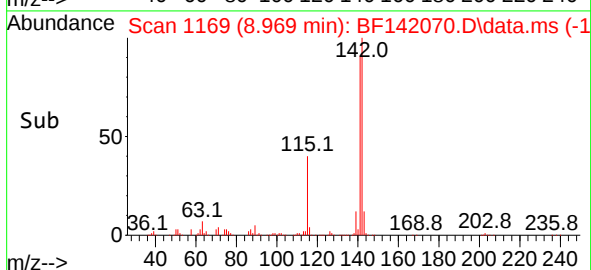
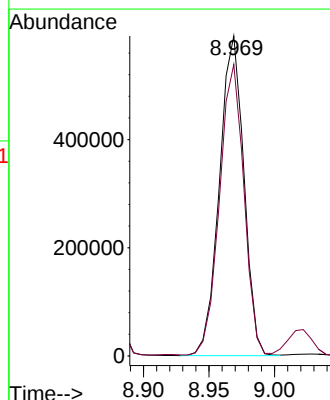
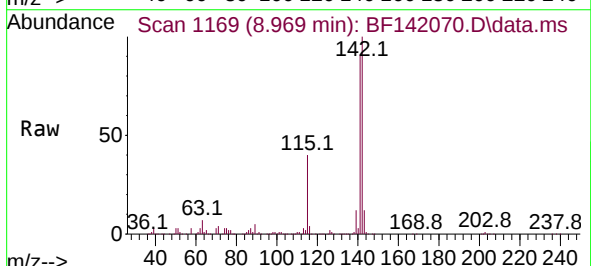
Acq: 25 Mar 2025 11:09

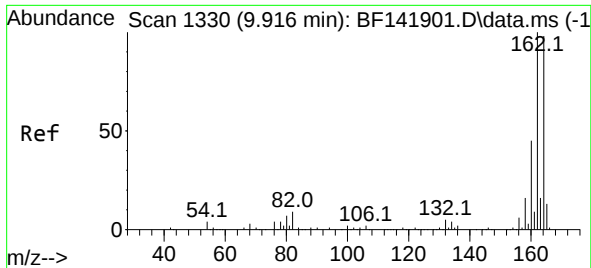
Tgt Ion:142 Resp: 766777

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4





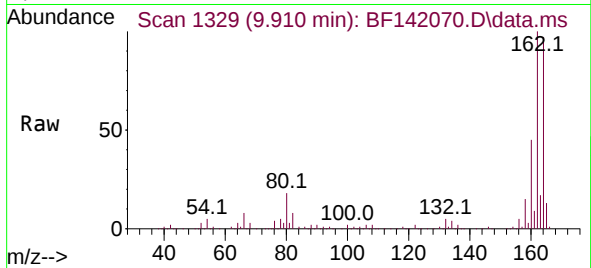
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

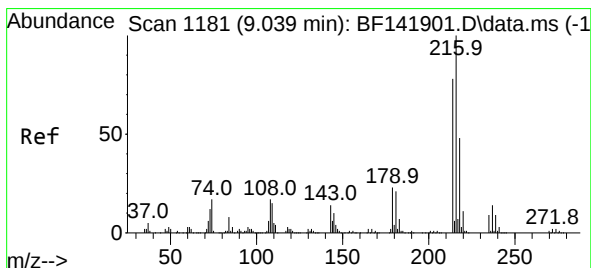
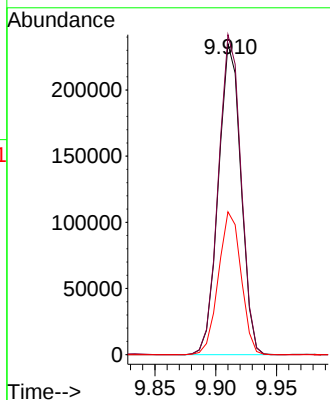
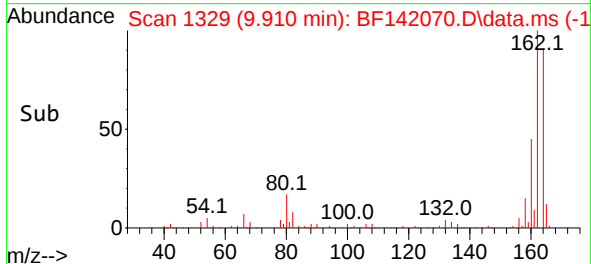


Tgt Ion:164 Resp: 302608
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 45.9 36.7 55.1

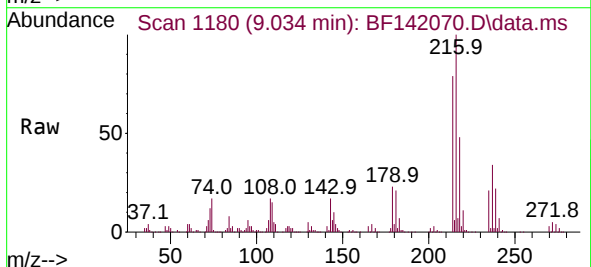
Manual Integrations

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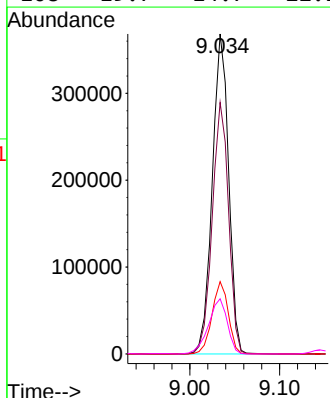
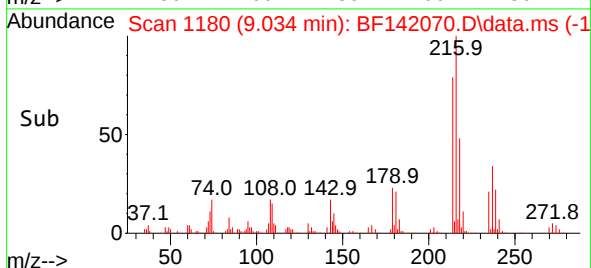
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

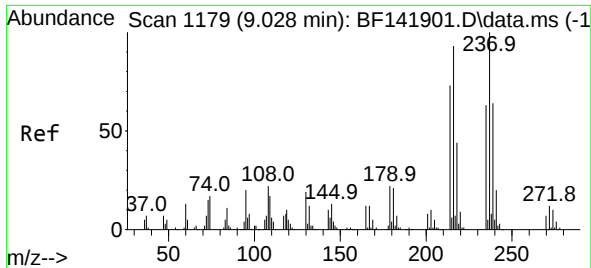


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.977 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:216 Resp: 469660
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 22.4 18.1 27.1
108 19.7 14.7 22.1





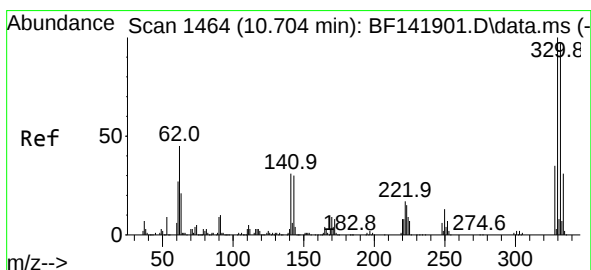
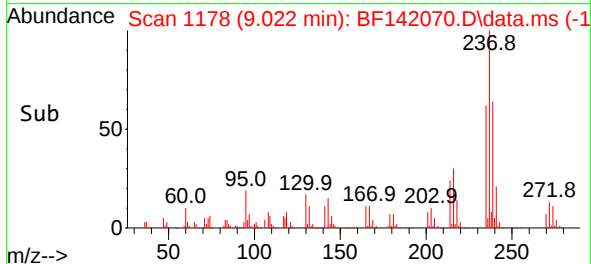
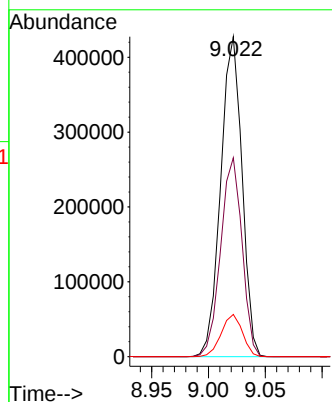
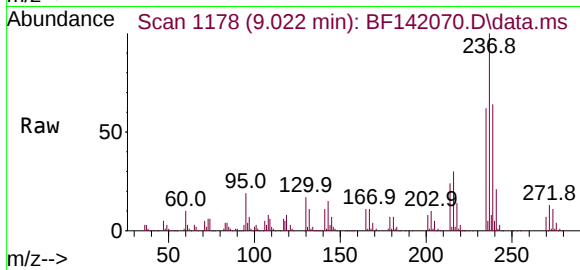
#41
Hexachlorocyclopentadiene
Concen: 154.834 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:237 Resp: 558279
Ion Ratio Lower Upper
237 100
235 62.1 43.1 83.1
272 13.2 0.0 32.0

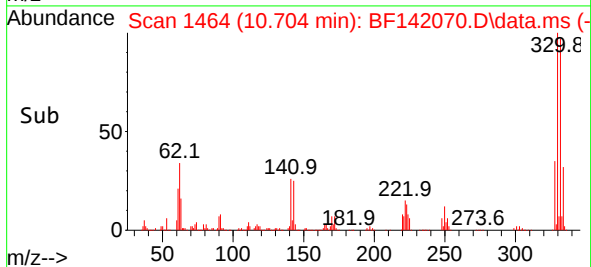
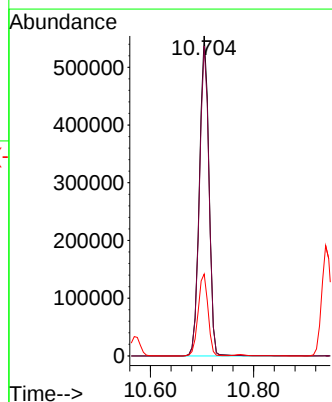
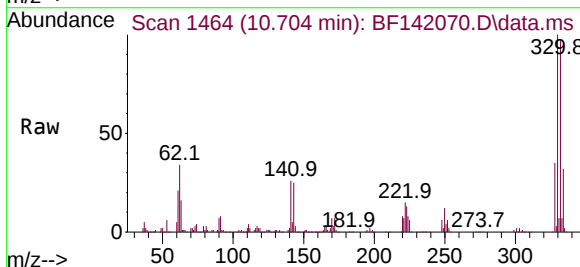
Manual Integrations
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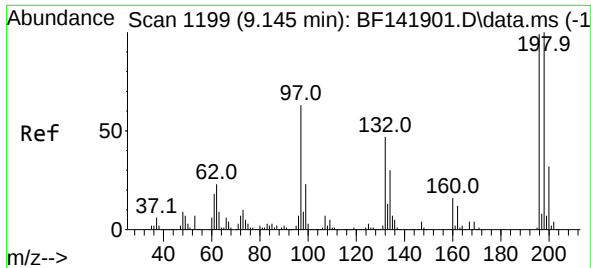
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#42
2,4,6-Tribromophenol
Concen: 183.956 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

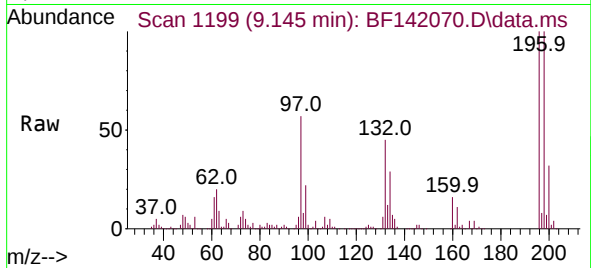
Tgt Ion:330 Resp: 706205
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 26.5 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 48.114 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

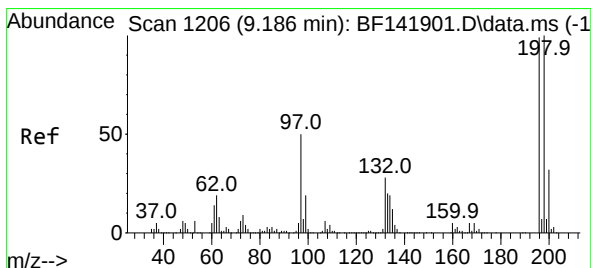
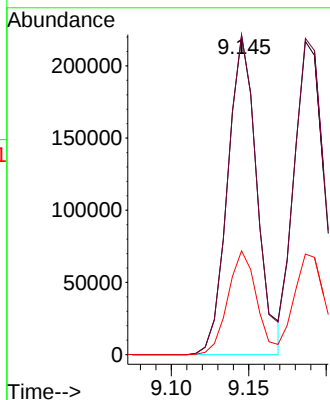
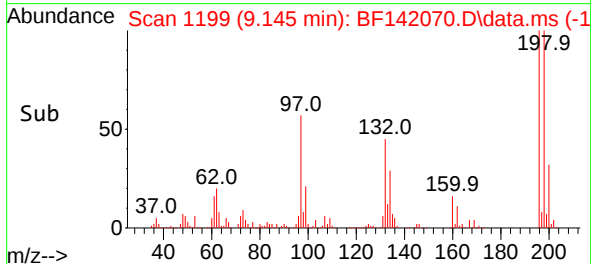
Instrument :
BNA_F
ClientSampleId :
PB167274BS



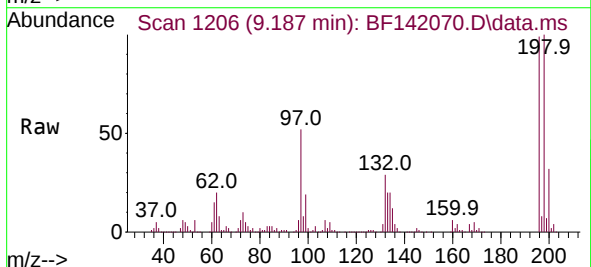
Tgt Ion:196 Resp: 289706
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 32.5 25.8 38.6

Manual Integrations
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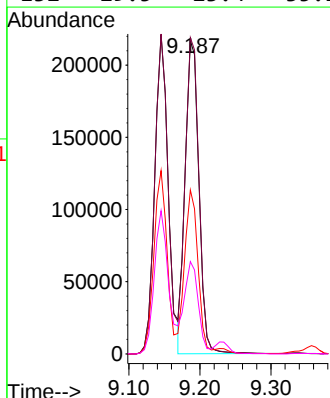
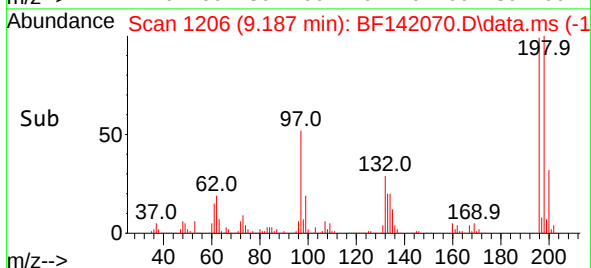
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

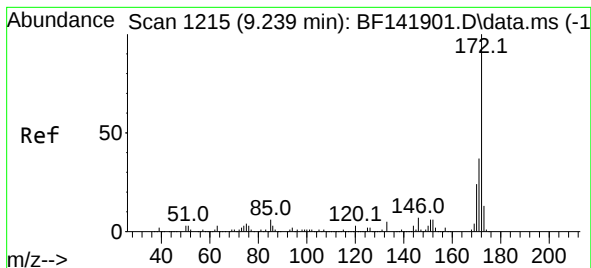


#44
2,4,5-Trichlorophenol
Concen: 48.187 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:196 Resp: 293856
Ion Ratio Lower Upper
196 100
198 100.9 80.7 121.1
97 52.3 42.1 63.1
132 29.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 103.771 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

Tgt Ion:172 Resp: 2064823

Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

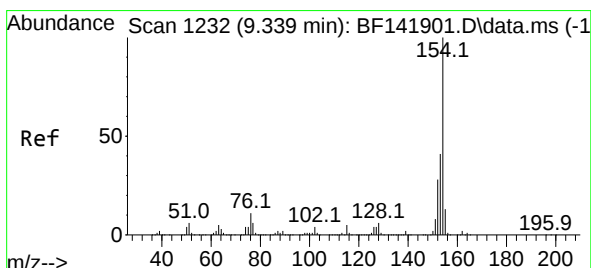
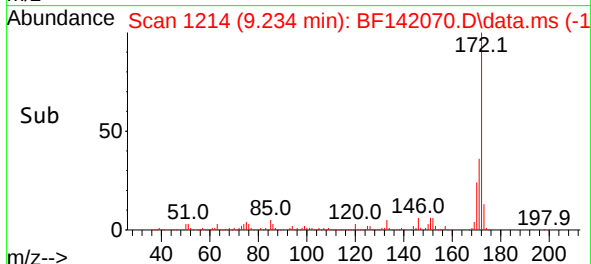
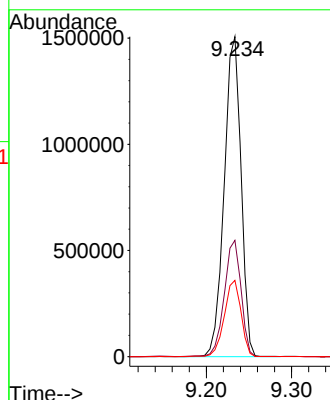
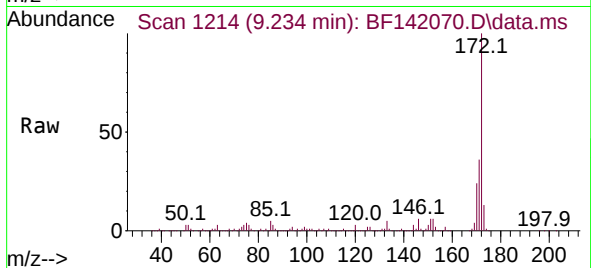
170 23.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#46

1,1'-Biphenyl

Concen: 49.840 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

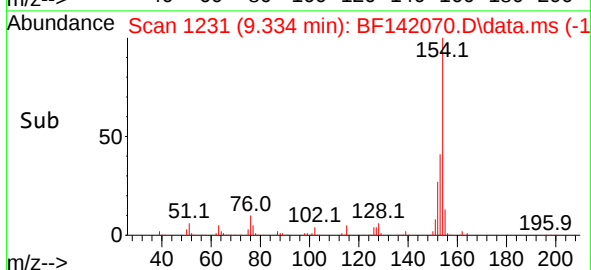
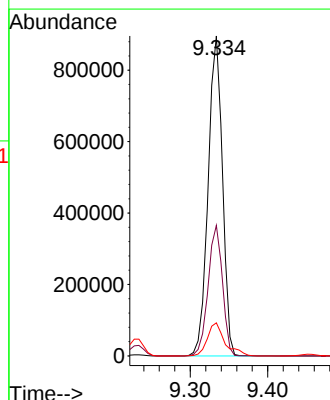
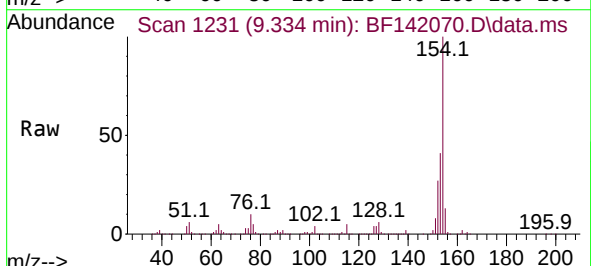
Tgt Ion:154 Resp: 1145949

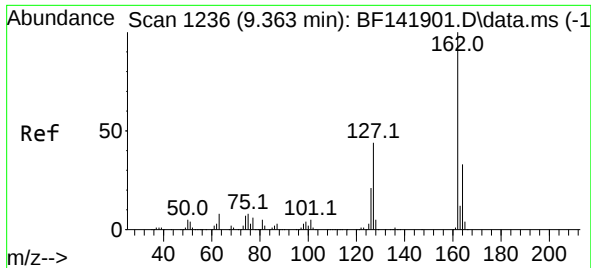
Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.3 0.0 31.3





#47
2-Chloronaphthalene
Concen: 45.863 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

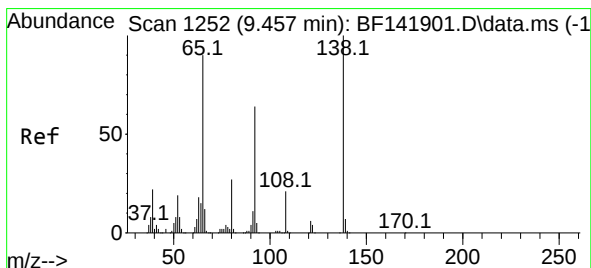
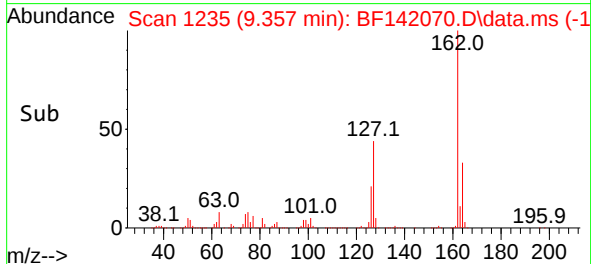
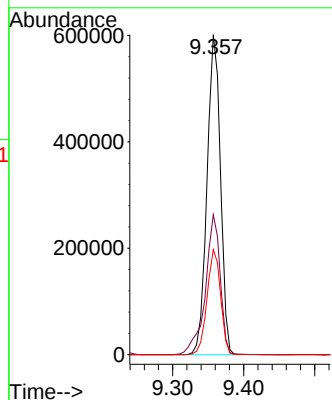
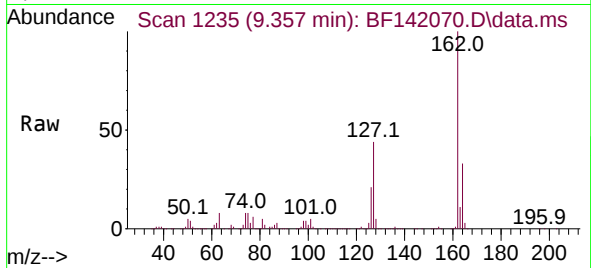
PB167274BS

Tgt Ion:162 Resp: 785973
Ion Ratio Lower Upper
162 100
127 43.7 35.5 53.3
164 32.8 26.6 40.0

Manual Integrations

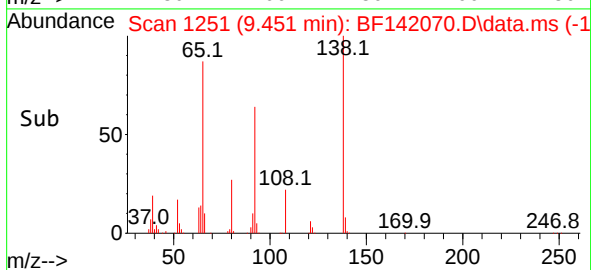
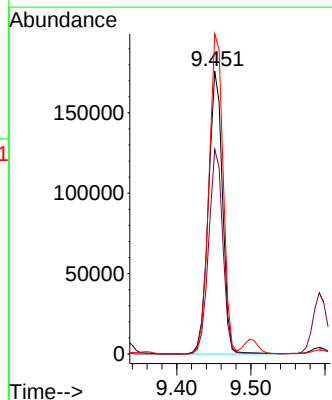
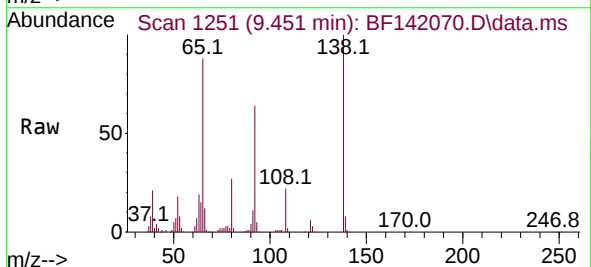
APPROVED

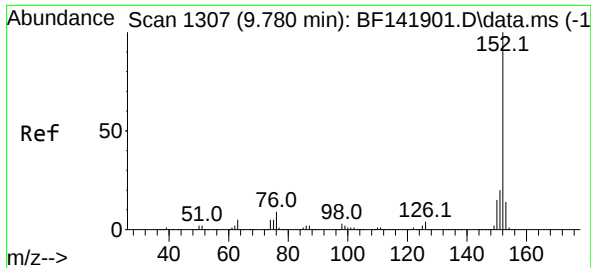
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#48
2-Nitroaniline
Concen: 47.091 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

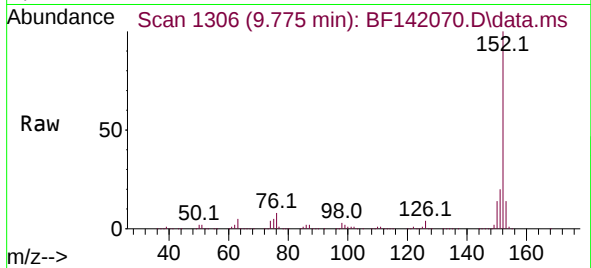
Tgt Ion: 65 Resp: 233668
Ion Ratio Lower Upper
65 100
92 72.4 56.6 84.8
138 113.2 88.6 133.0





#49
Acenaphthylene
Concen: 48.781 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

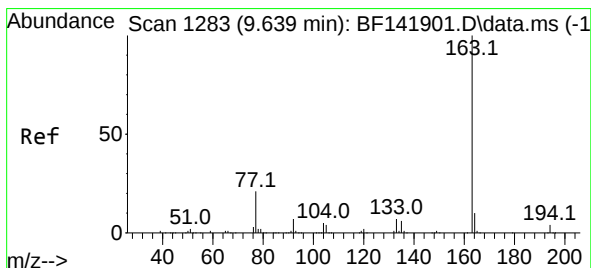
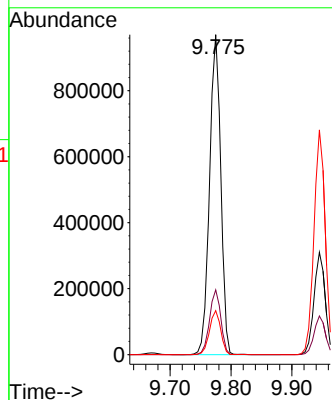
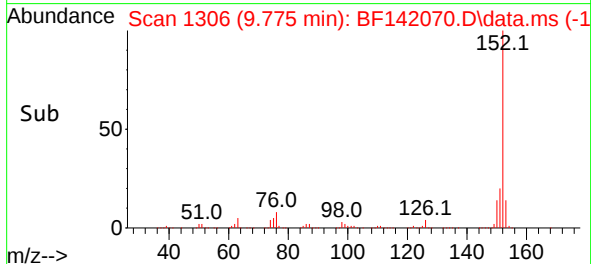
Instrument :
BNA_F
ClientSampleId :
PB167274BS



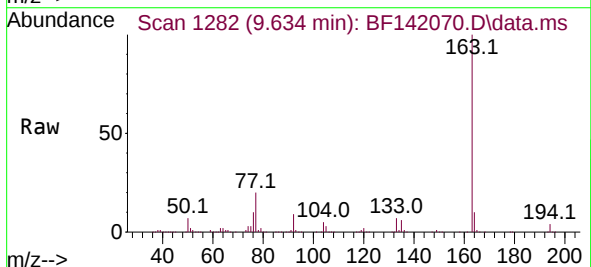
Tgt Ion:152 Resp: 124056
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.7 11.1 16.7

Manual Integrations
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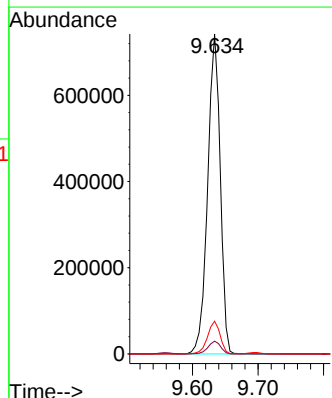
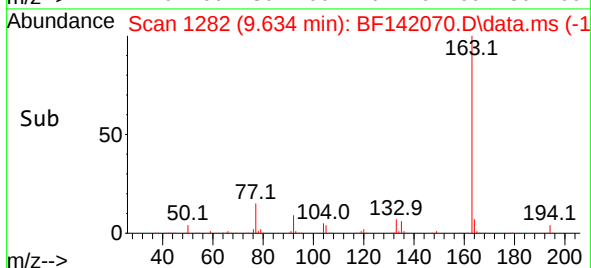
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

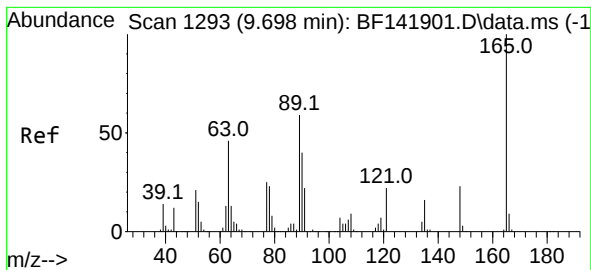


#50
Dimethylphthalate
Concen: 46.510 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:163 Resp: 985586
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4





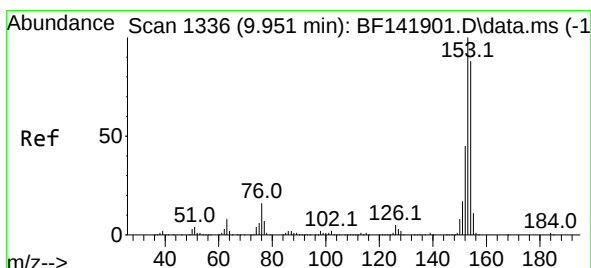
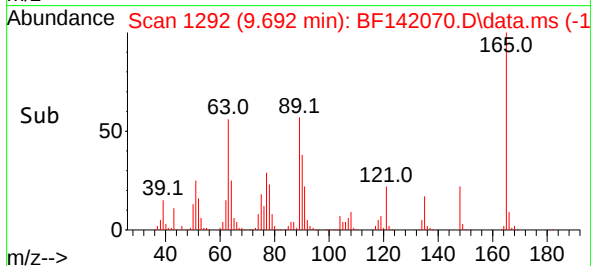
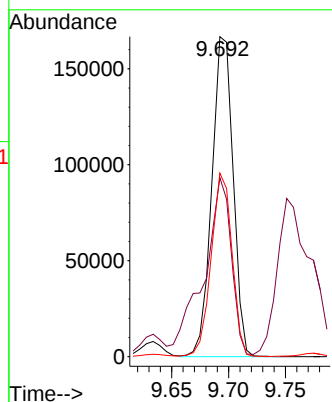
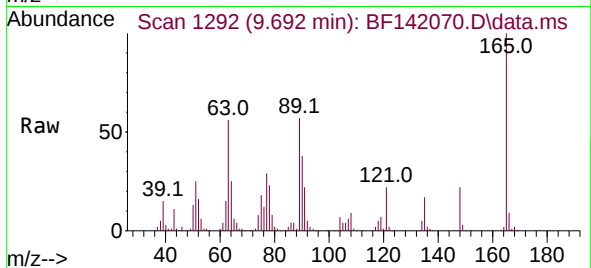
#51
2,6-Dinitrotoluene
Concen: 49.347 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:165 Resp: 21772
Ion Ratio Lower Upper
165 100
63 55.9 47.0 70.4
89 57.3 47.4 71.2

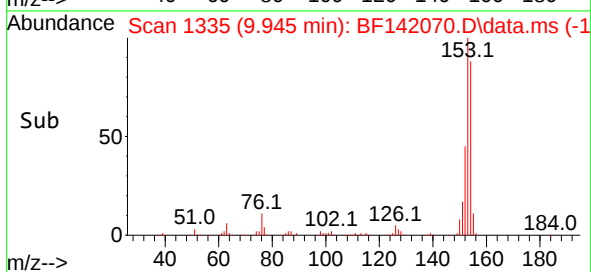
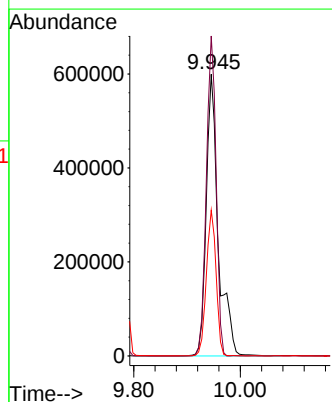
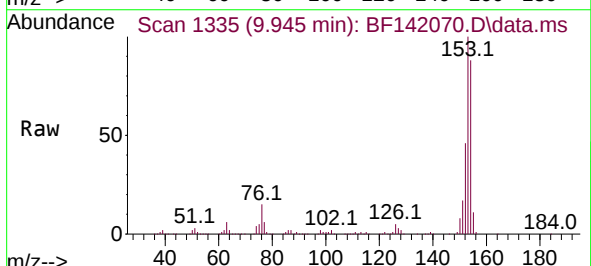
Manual Integrations
APPROVED

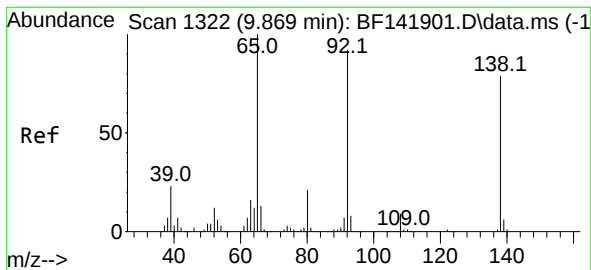
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#52
Acenaphthene
Concen: 52.559 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

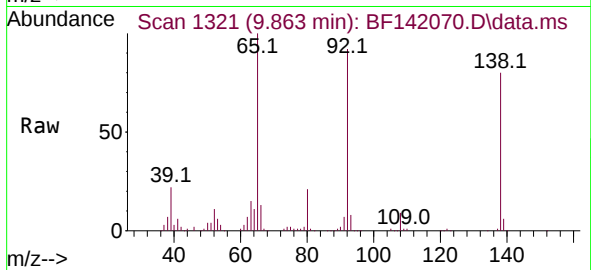
Tgt Ion:154 Resp: 939330
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 51.7 41.1 61.7





#53
3-Nitroaniline
Concen: 28.643 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

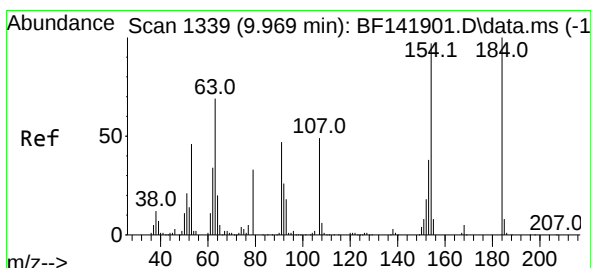
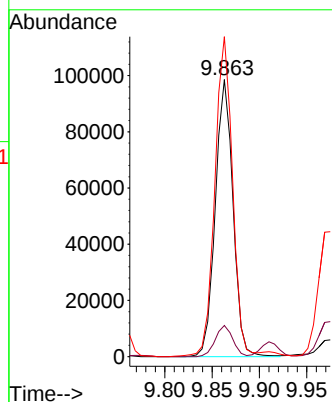
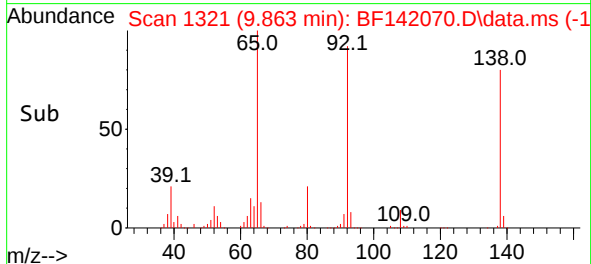
Instrument :
BNA_F
ClientSampleId :
PB167274BS



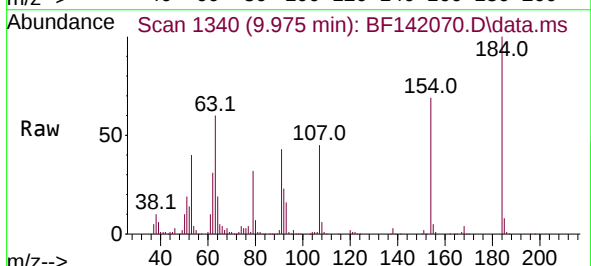
Tgt Ion:138 Resp: 128191
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 115.5 93.5 140.3

Manual Integrations
APPROVED

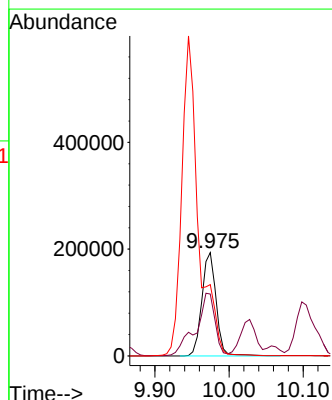
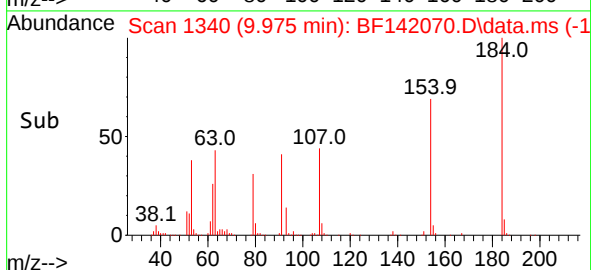
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

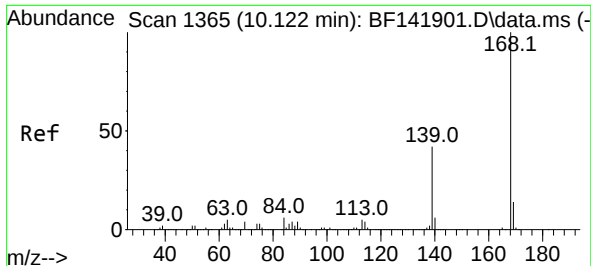


#54
2,4-Dinitrophenol
Concen: 101.100 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:184 Resp: 258179
Ion Ratio Lower Upper
184 100
63 59.8 60.2 90.4#
154 69.0 132.9 199.3#





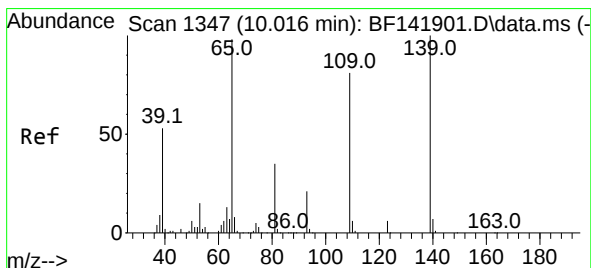
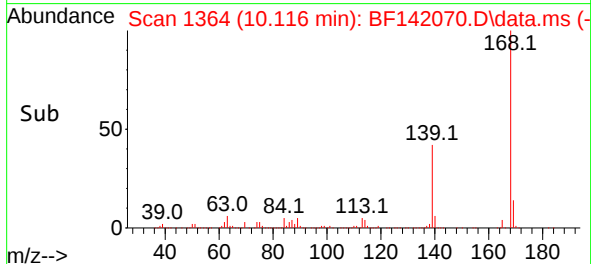
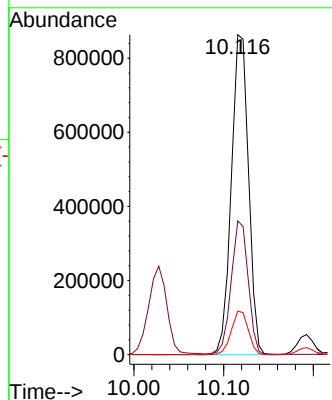
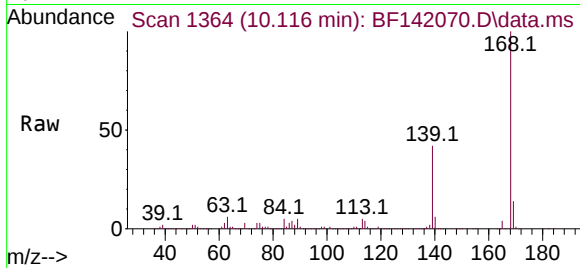
#55
Dibenzofuran
Concen: 45.120 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:168 Resp: 1152234
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.6 11.0 16.4

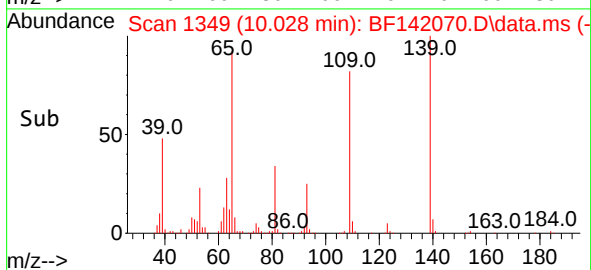
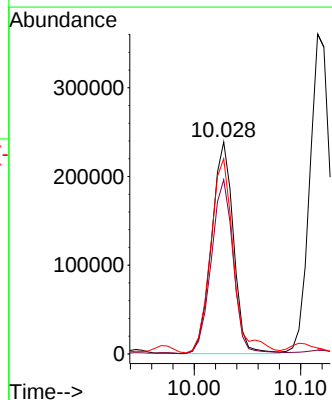
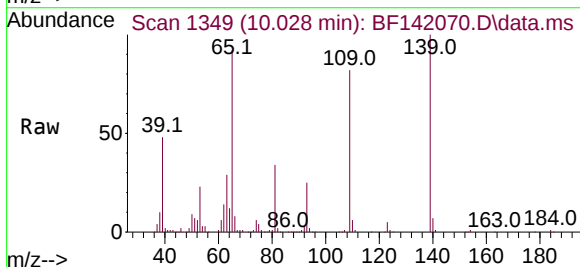
Manual Integrations
APPROVED

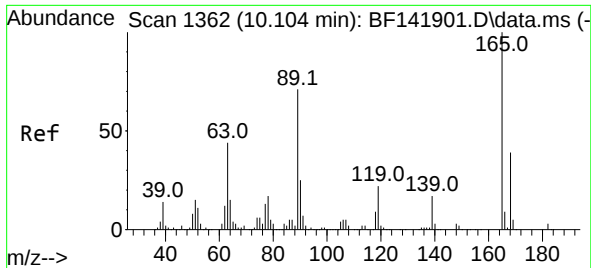
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#56
4-Nitrophenol
Concen: 100.910 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:139 Resp: 340583
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 92.0 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 52.783 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

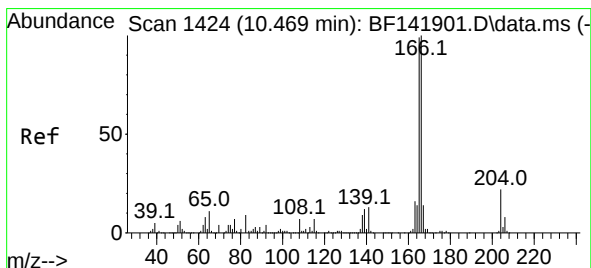
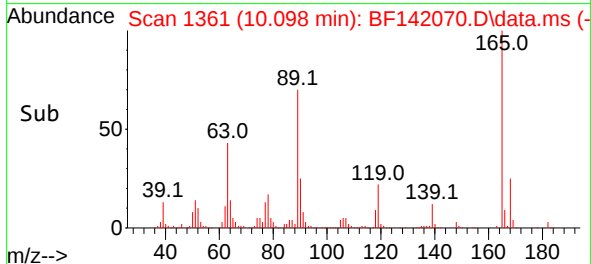
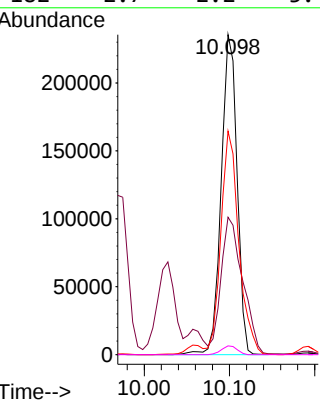
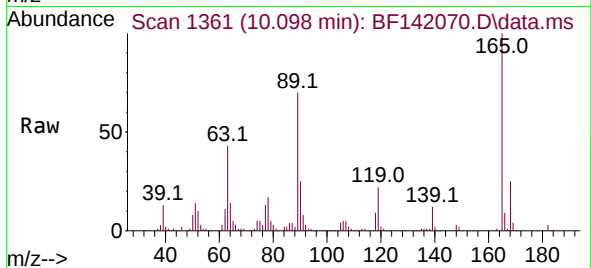
PB167274BS

Tgt Ion:165 Resp: 304173
Ion Ratio Lower Upper
165 100
63 42.9 35.4 53.2
89 69.8 56.6 84.8
182 2.7 2.2 3.4

Manual Integrations

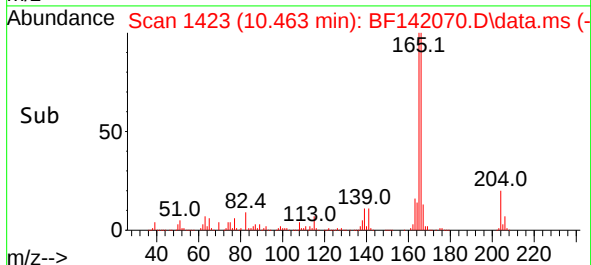
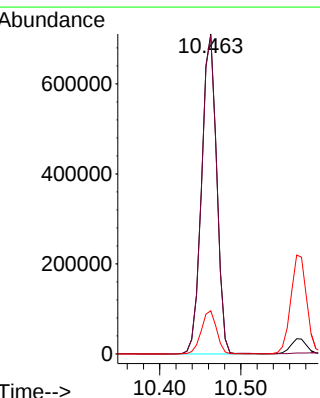
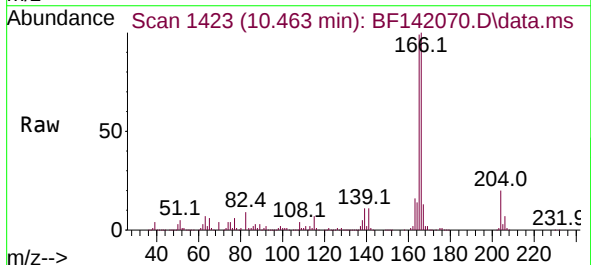
APPROVED

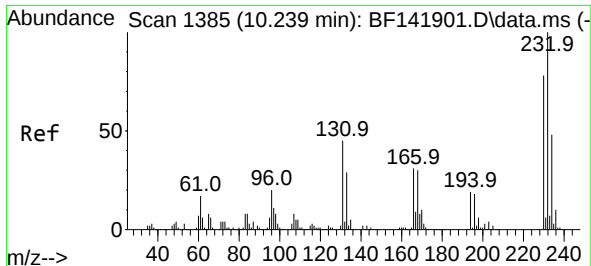
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#58
Fluorene
Concen: 46.499 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

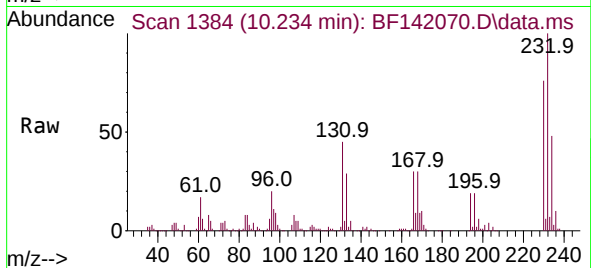
Tgt Ion:166 Resp: 915719
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.854 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

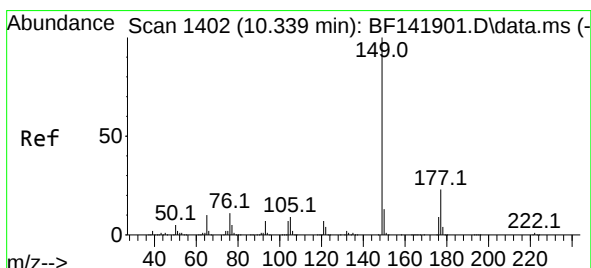
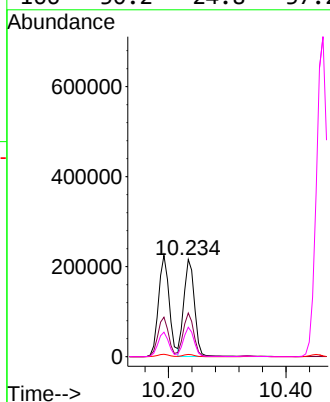
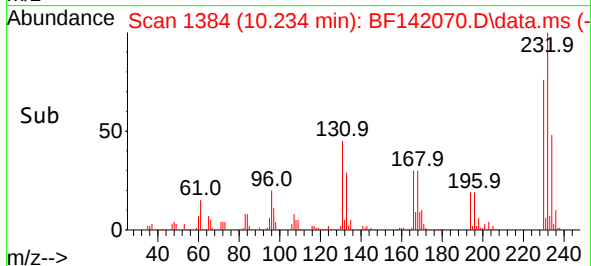
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion:232 Resp: 271100
Ion Ratio Lower Upper
232 100
131 44.8 37.3 55.9
130 2.3 1.9 2.9
166 30.2 24.8 37.2

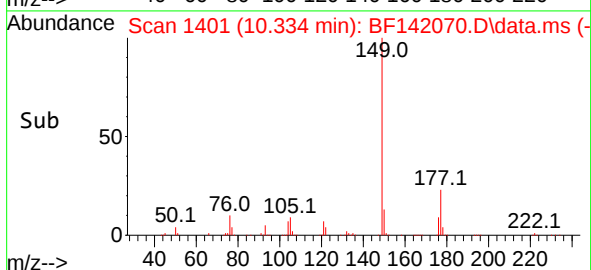
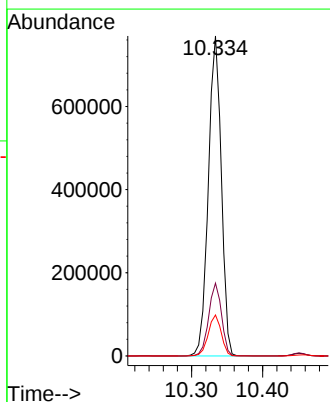
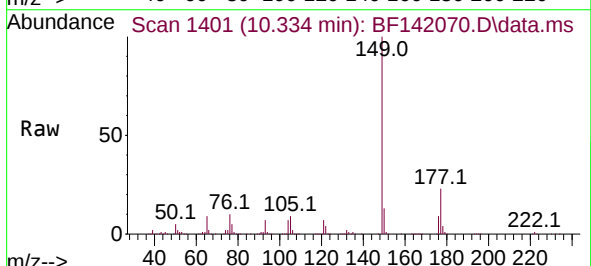
Manual Integrations
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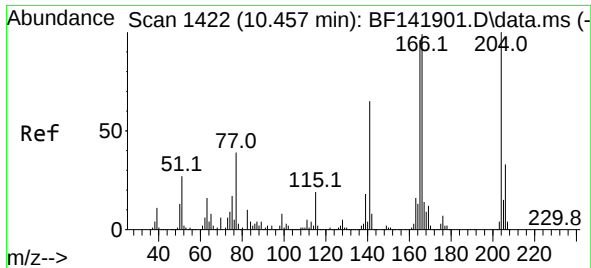
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#60
Diethylphthalate
Concen: 46.087 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

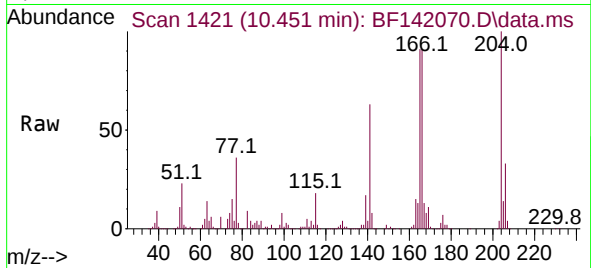
Tgt Ion:149 Resp: 973810
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.851 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

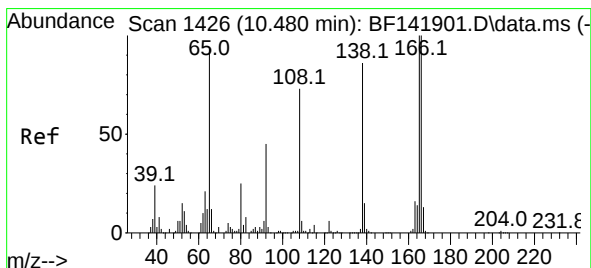
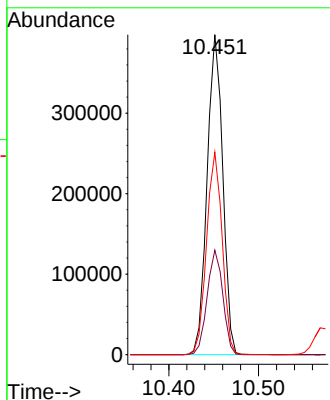
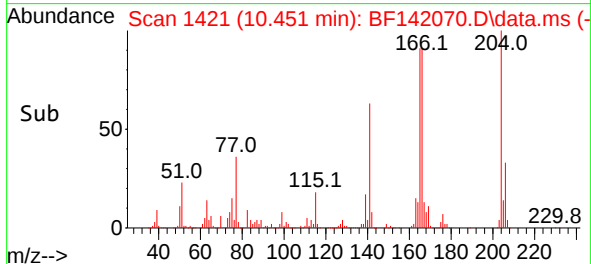
Instrument :
BNA_F
ClientSampleId :
PB167274BS



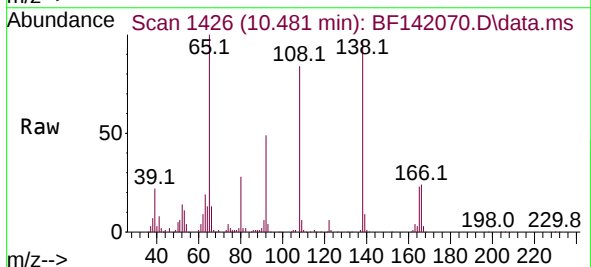
Tgt Ion:204 Resp: 481036
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 63.2 52.4 78.6

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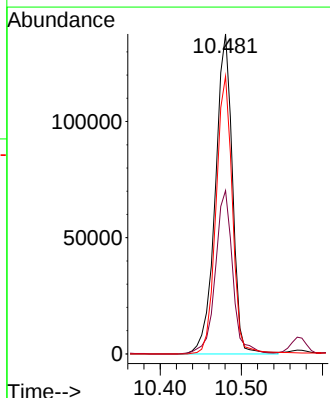
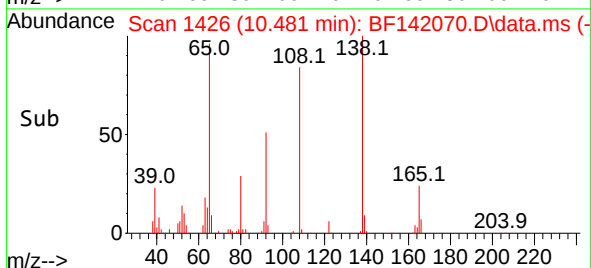
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

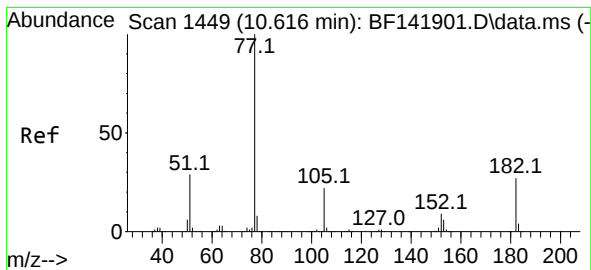


#62
4-Nitroaniline
Concen: 46.233 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



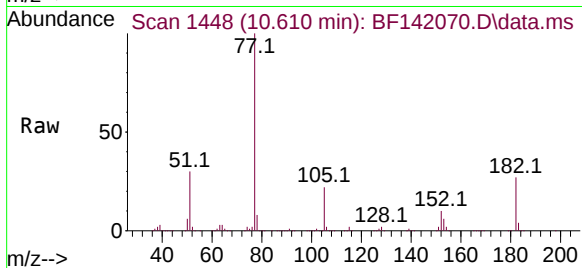
Tgt Ion:138 Resp: 201448
Ion Ratio Lower Upper
138 100
92 51.0 32.6 72.6
108 86.8 65.0 105.0





#63
Azobenzene
Concen: 43.470 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

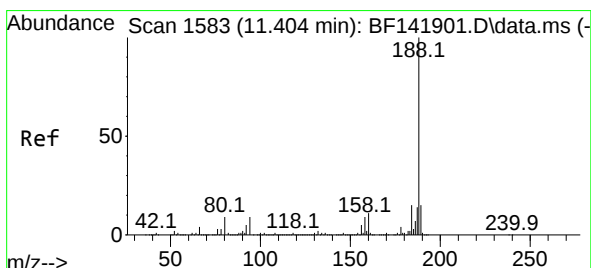
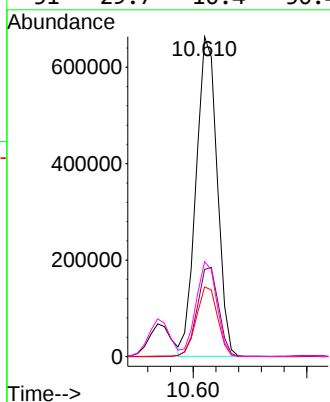
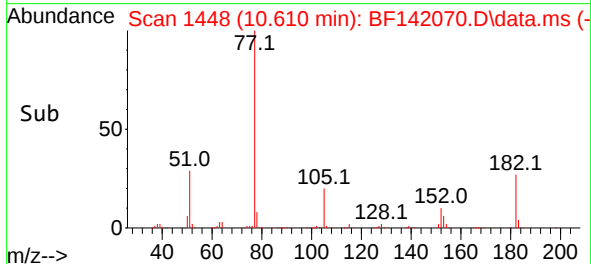
Instrument :
BNA_F
ClientSampleId :
PB167274BS



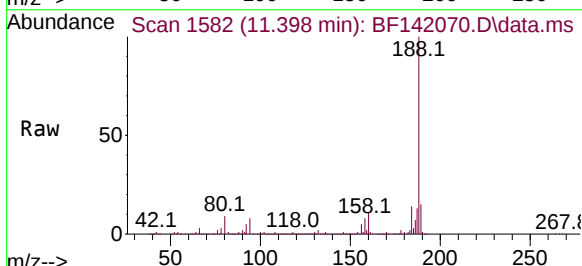
Tgt Ion: 77 Resp: 853970
Ion Ratio Lower Upper
77 100
182 27.2 6.6 46.6
105 21.8 1.3 41.3
51 29.7 10.4 50.4

Manual Integrations
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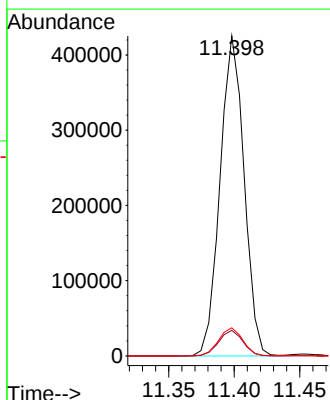
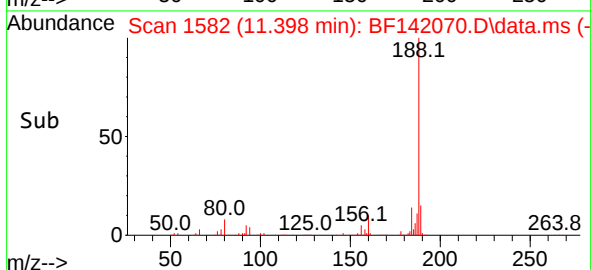
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

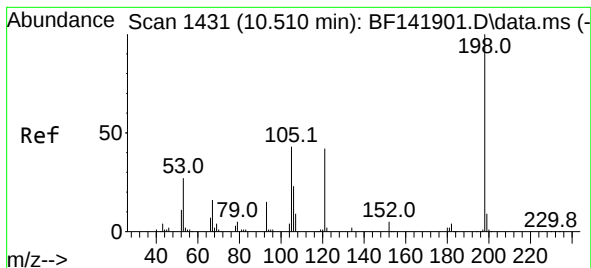


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:188 Resp: 543533
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.8 7.6 11.4





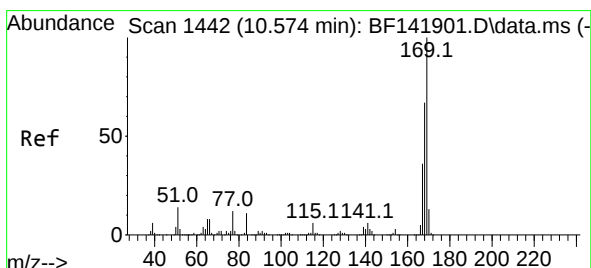
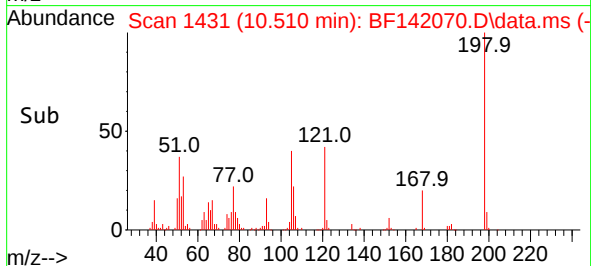
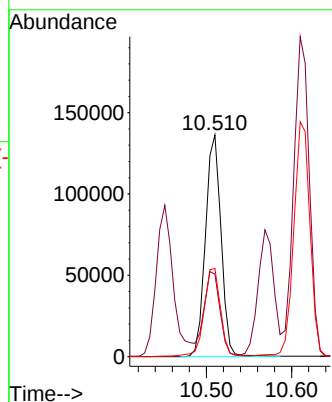
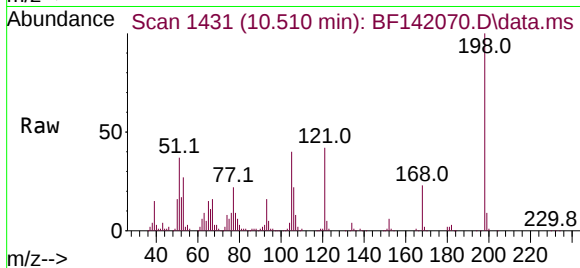
#65
4,6-Dinitro-2-methylphenol
Concen: 53.497 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:198 Resp: 173343
Ion Ratio Lower Upper
198 100
51 37.2 22.3 62.3
105 39.8 23.0 63.0

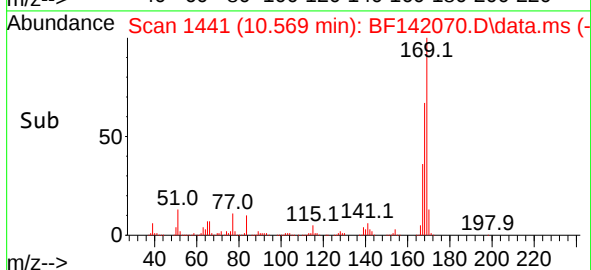
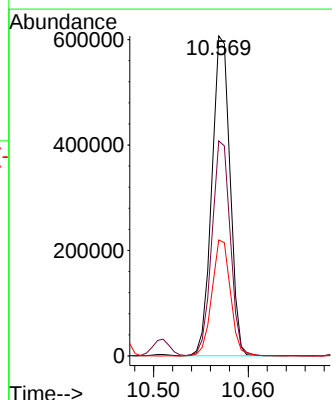
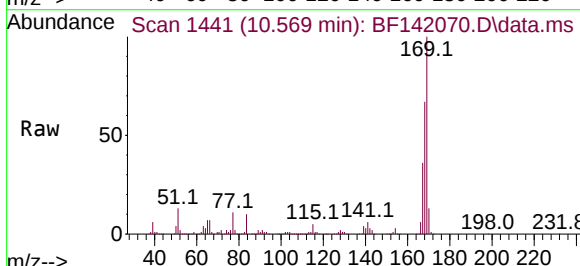
Manual Integrations
APPROVED

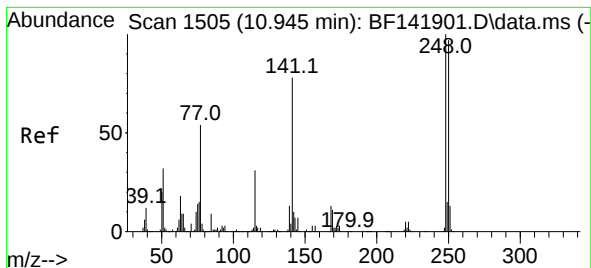
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#66
n-Nitrosodiphenylamine
Concen: 45.959 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

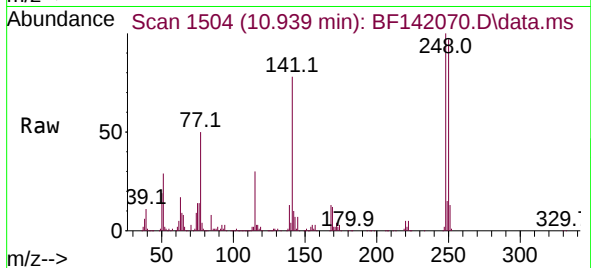
Tgt Ion:169 Resp: 808364
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.926 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

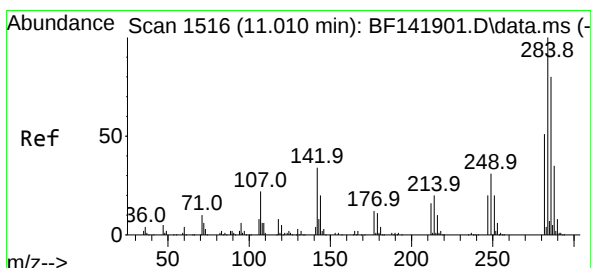
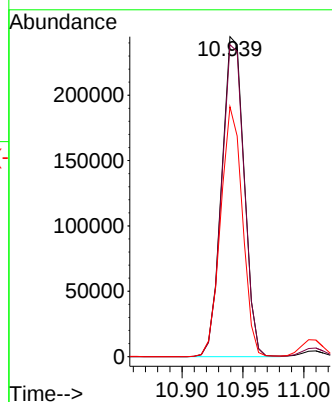
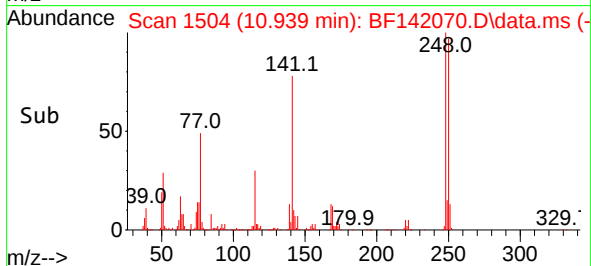
Instrument :
BNA_F
ClientSampleId :
PB167274BS



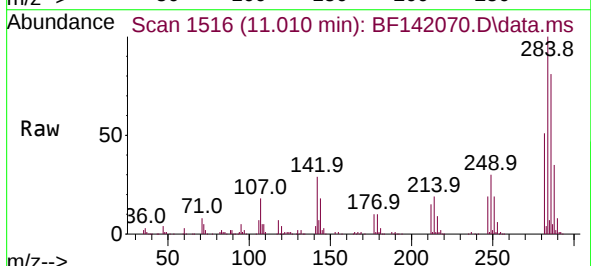
Tgt Ion:248 Resp: 313496
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 78.1 62.6 93.8

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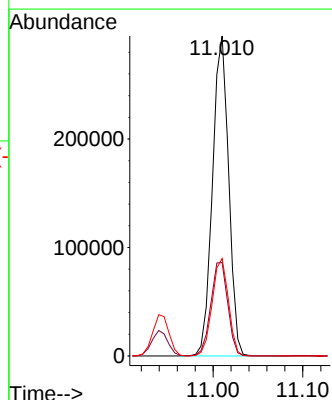
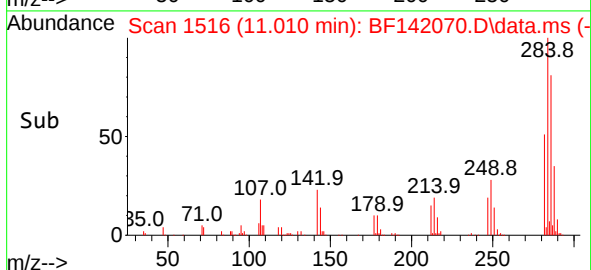
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

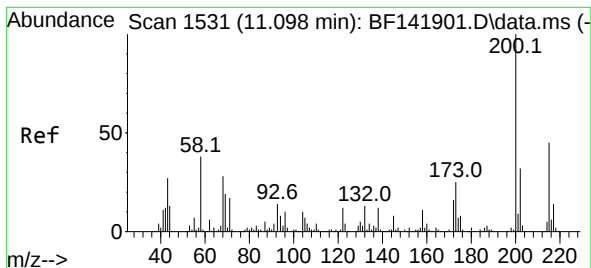


#68
Hexachlorobenzene
Concen: 49.539 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:284 Resp: 370884
Ion Ratio Lower Upper
284 100
142 29.2 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 63.051 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

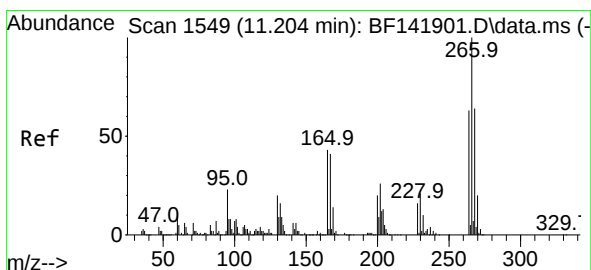
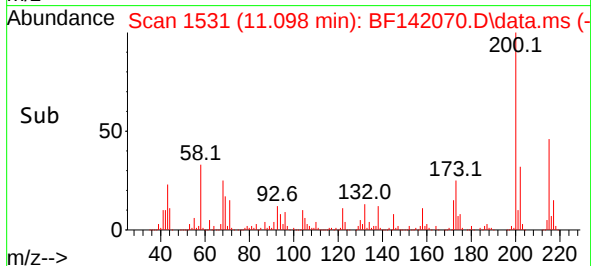
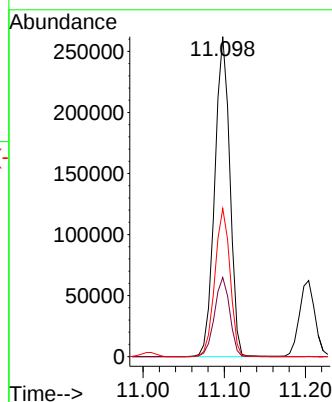
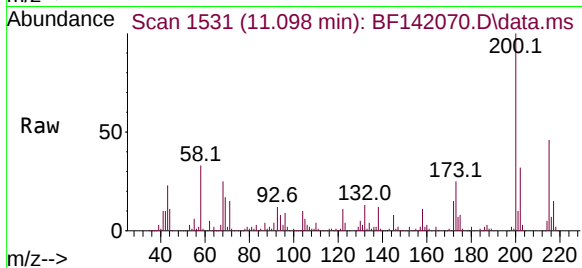
PB167274BS

Tgt Ion:200 Resp: 339972
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.7 44.7
 215 46.3 25.4 65.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#70

Pentachlorophenol

Concen: 95.929 ng

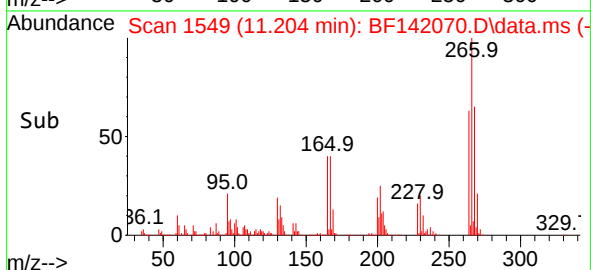
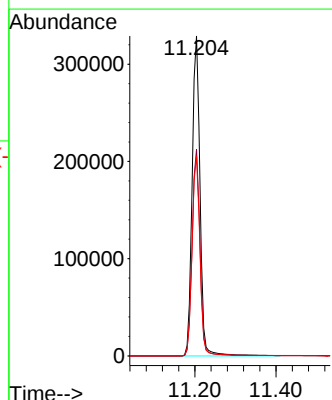
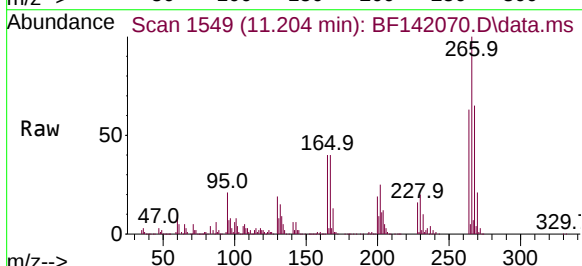
RT: 11.204 min Scan# 1549

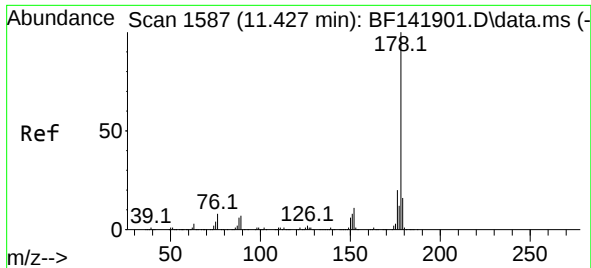
Delta R.T. 0.000 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Tgt Ion:266 Resp: 442499
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.0 76.6
 264 62.5 50.2 75.2





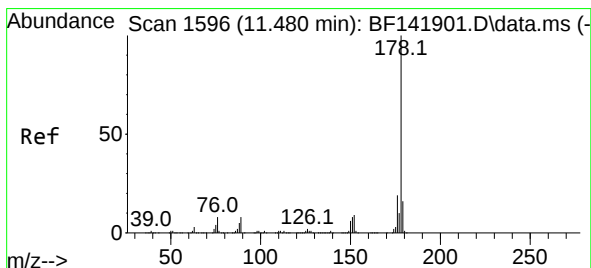
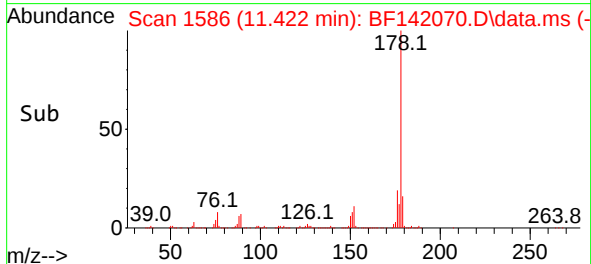
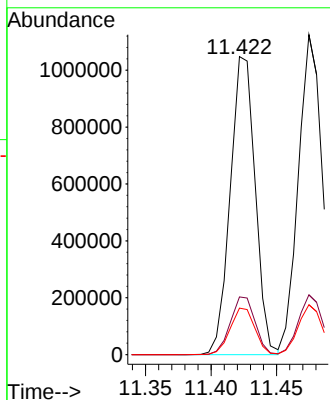
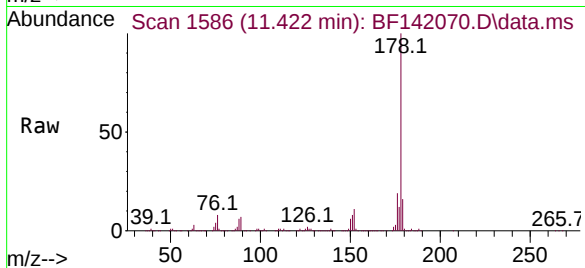
#71
Phenanthrene
Concen: 47.273 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Tgt Ion:178 Resp: 1387852
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.6 12.6 19.0

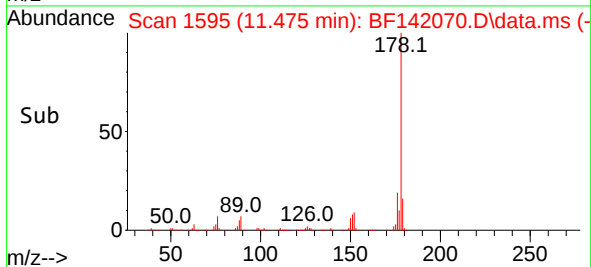
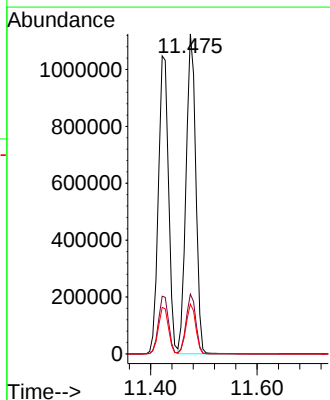
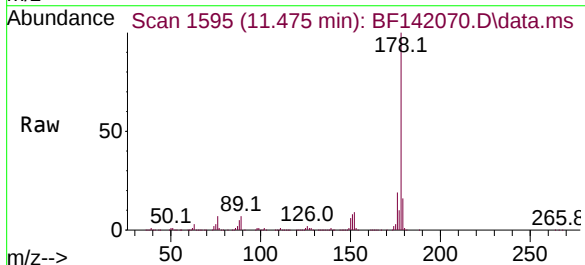
Manual Integrations
APPROVED

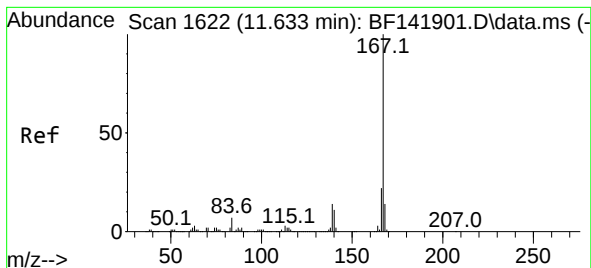
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#72
Anthracene
Concen: 48.440 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion:178 Resp: 1426742
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73

Carbazole

Concen: 46.322 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

Tgt Ion:167 Resp: 1176645

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

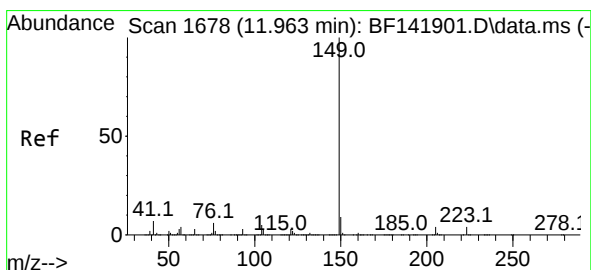
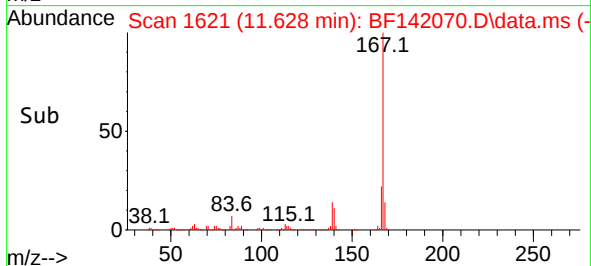
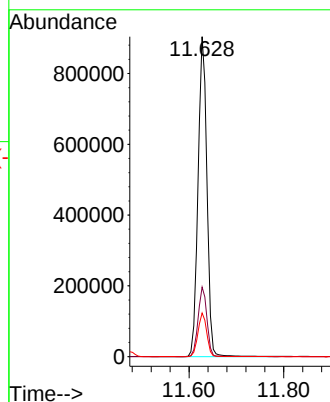
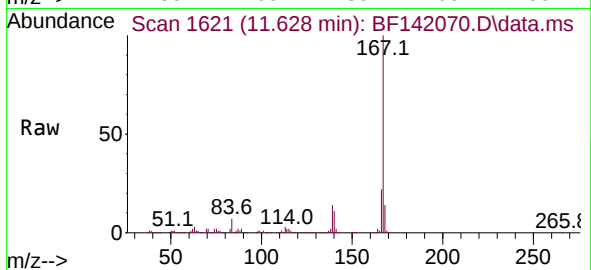
139 13.6 11.0 16.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#74

Di-n-butylphthalate

Concen: 45.307 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

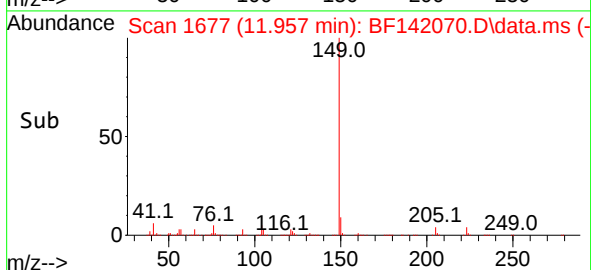
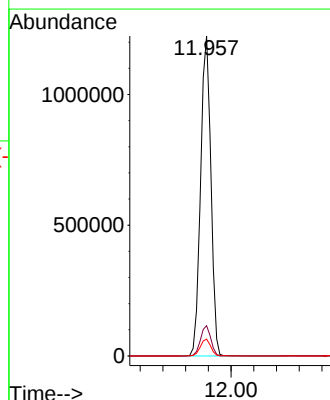
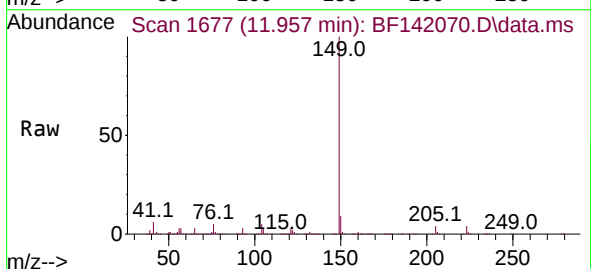
Tgt Ion:149 Resp: 1527054

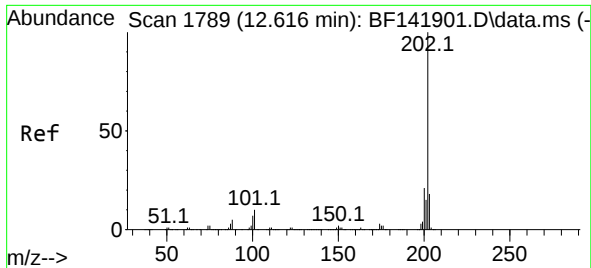
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

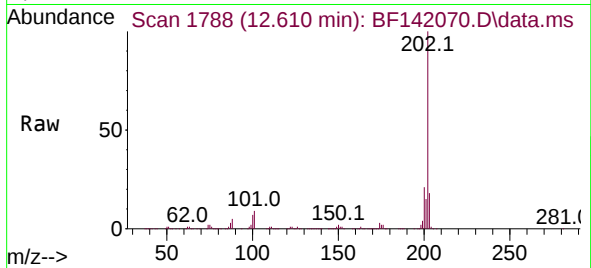
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 45.586 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

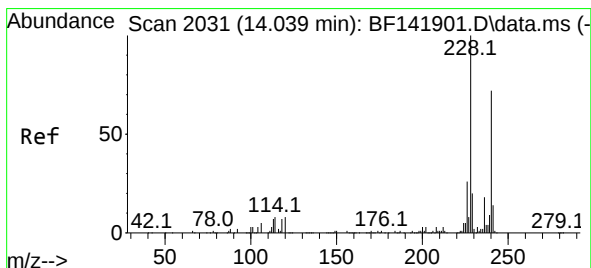
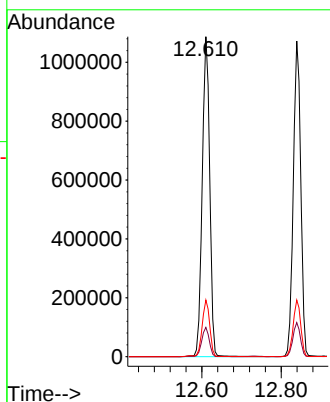
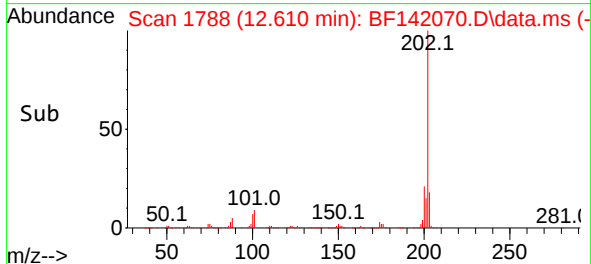
Instrument :
BNA_F
ClientSampleId :
PB167274BS



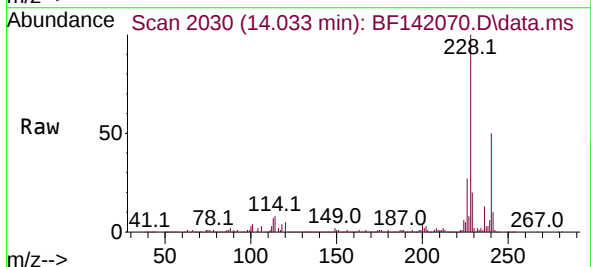
Tgt Ion:202 Resp: 1419625
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.7 0.0 37.8

Manual Integrations
APPROVED

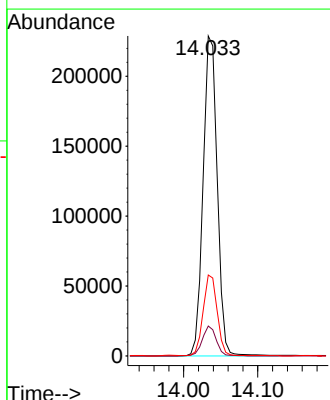
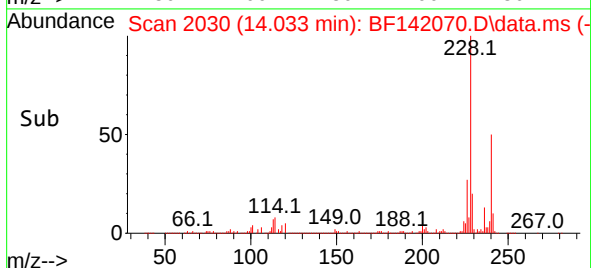
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

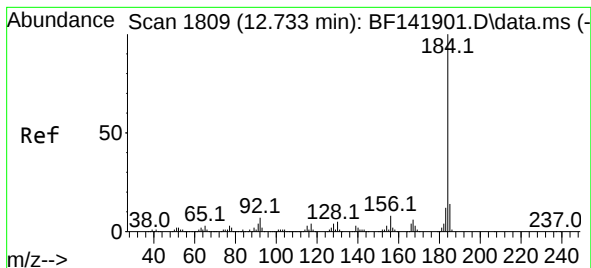


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:240 Resp: 302856
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 60.157 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

Tgt Ion:184 Resp: 254189

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

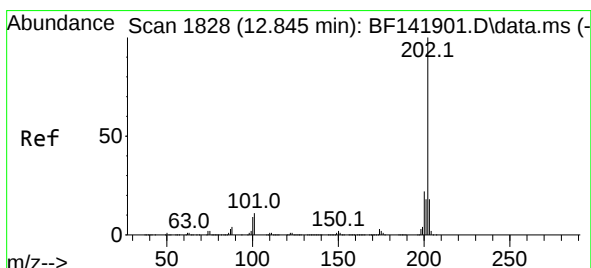
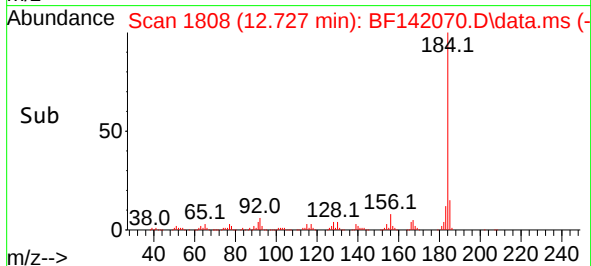
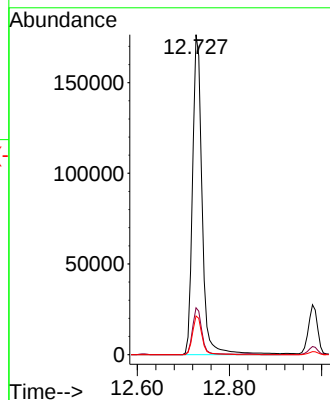
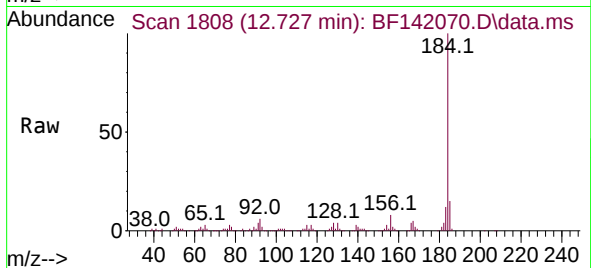
183 12.1 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#78

Pyrene

Concen: 53.451 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

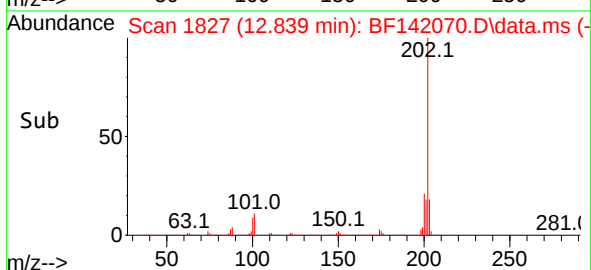
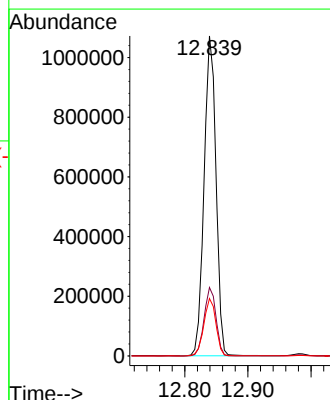
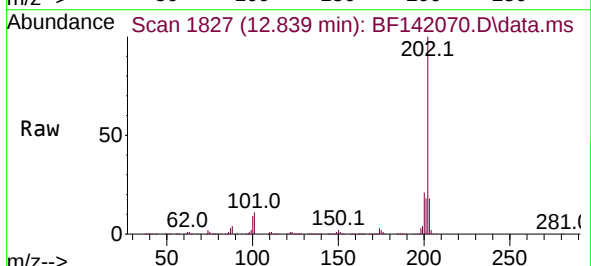
Tgt Ion:202 Resp: 1400267

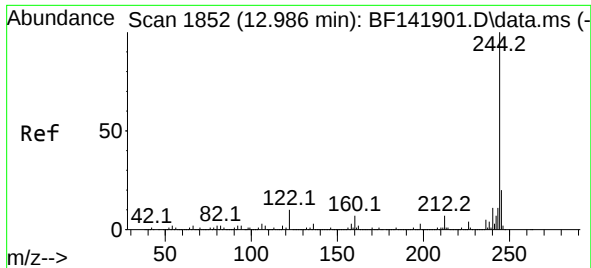
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 17.9 14.4 21.6





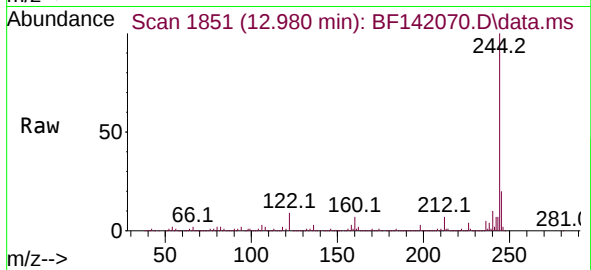
#79
 Terphenyl-d14
 Concen: 129.280 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

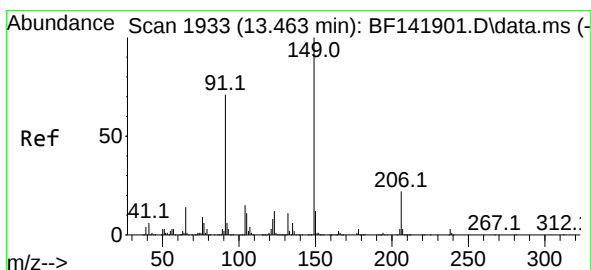
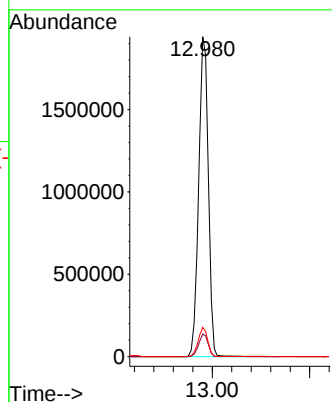
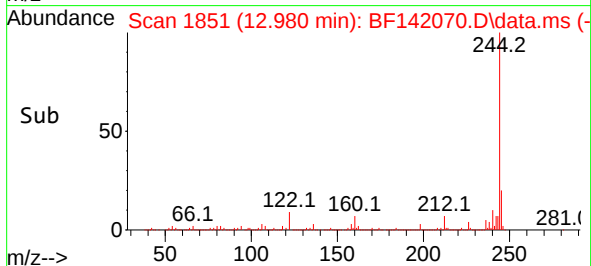


Tgt Ion:244 Resp: 264825
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 7.7 11.5

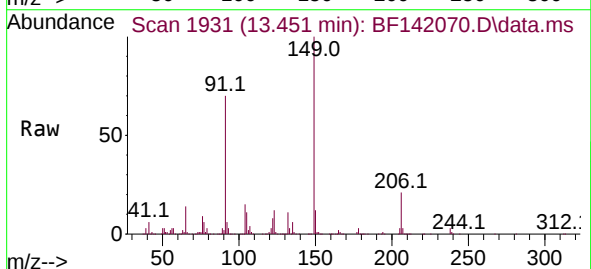
Manual Integrations

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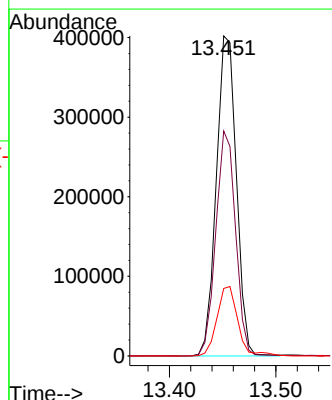
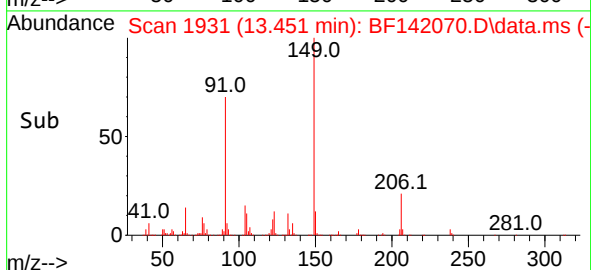
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

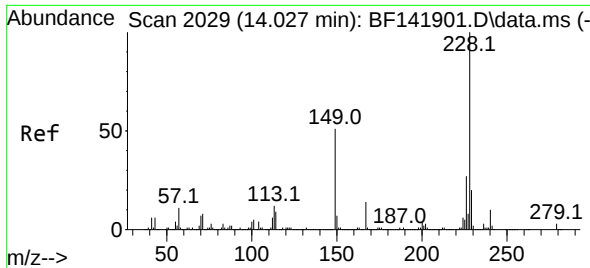


#80
 Butylbenzylphthalate
 Concen: 51.463 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09



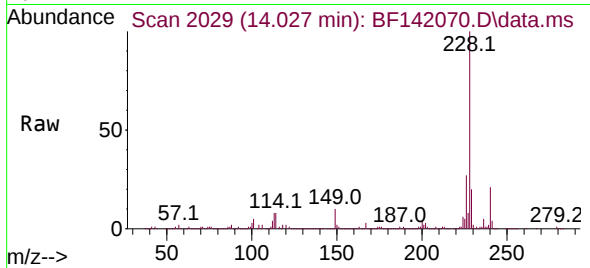
Tgt Ion:149 Resp: 527685
 Ion Ratio Lower Upper
 149 100
 91 70.3 56.5 84.7
 206 21.1 17.3 25.9





#81
Benzo(a)anthracene
Concen: 48.439 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

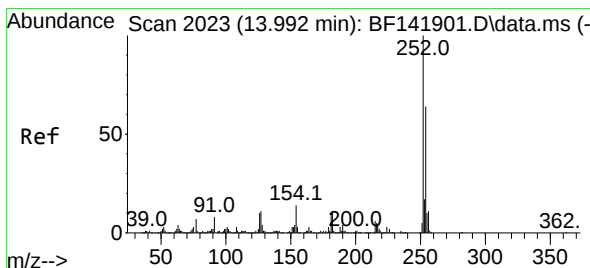
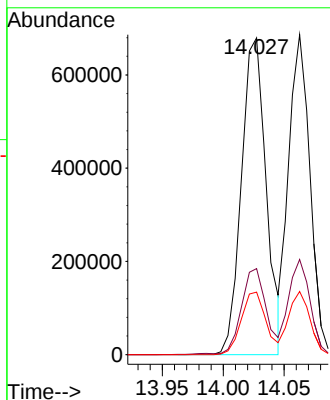
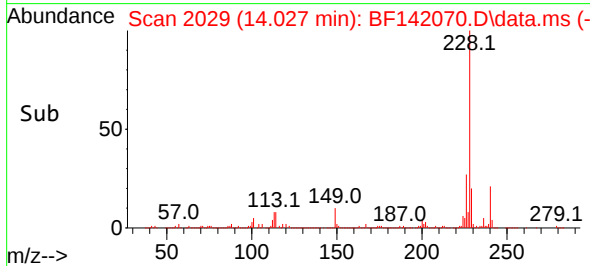
Instrument :
BNA_F
ClientSampleId :
PB167274BS



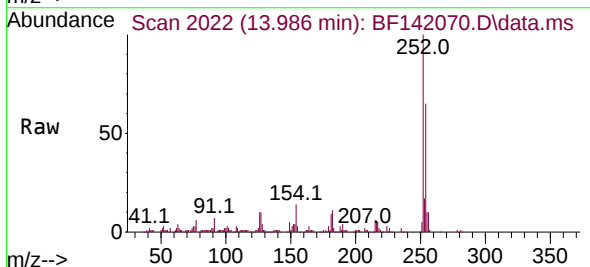
Tgt Ion:228 Resp: 962649
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0

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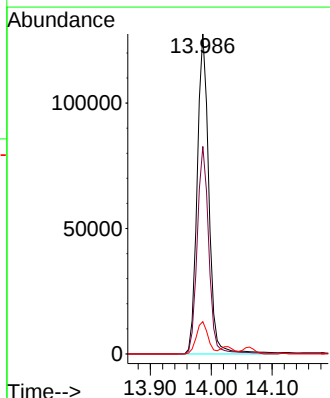
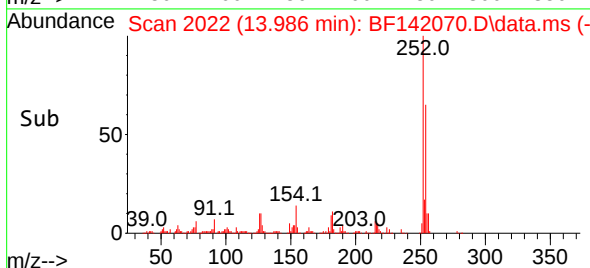
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

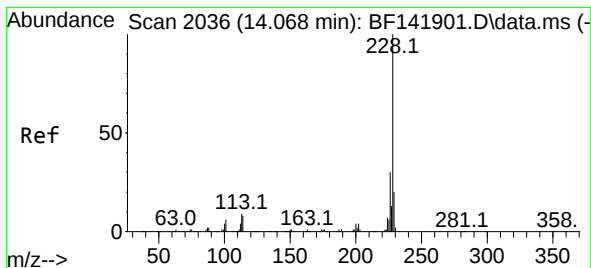


#82
3,3'-Dichlorobenzidine
Concen: 29.580 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09



Tgt Ion:252 Resp: 169880
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.6
126 10.1 8.4 12.6





#83

Chrysene

Concen: 47.023 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

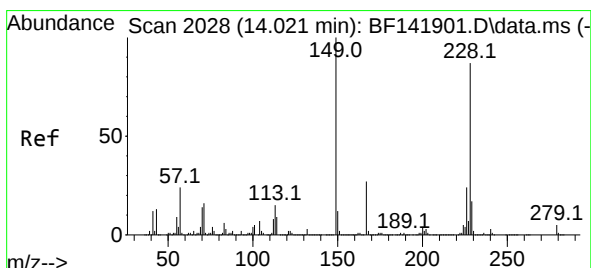
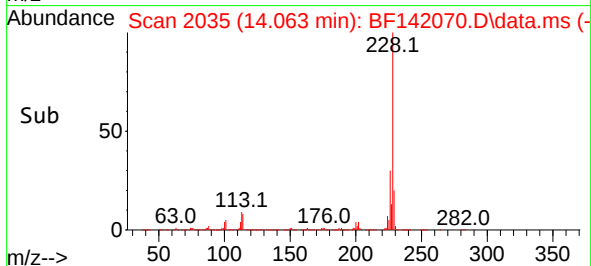
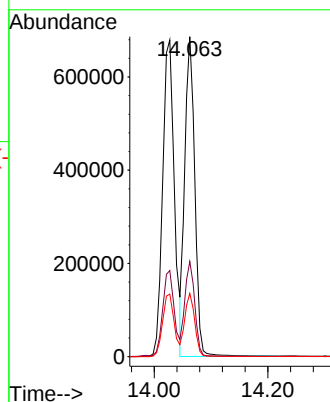
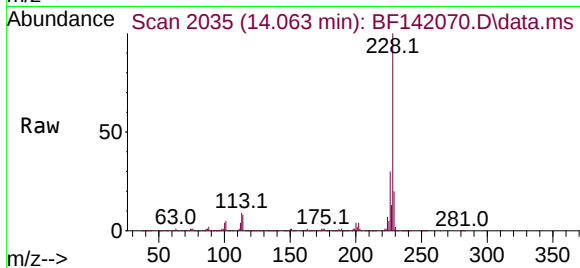
ClientSampleId :

PB167274BS

Tgt Ion:228 Resp: 847099
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.7 15.7 23.5

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 Supervised By :Jagrut Upadhyay 03/26/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.136 ng

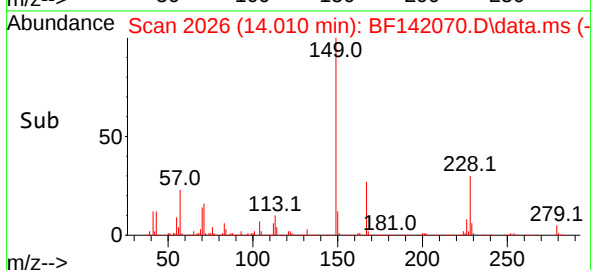
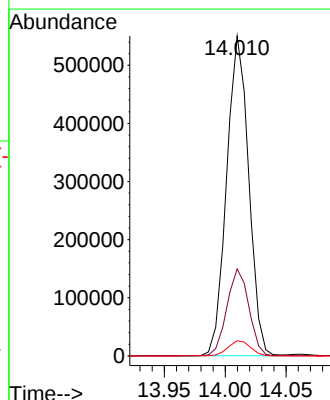
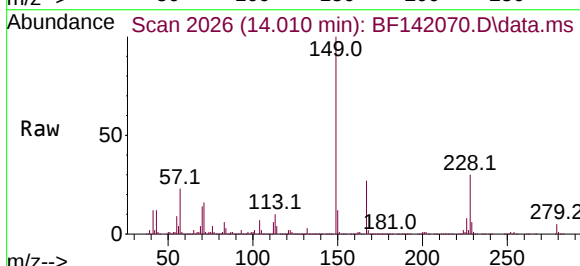
RT: 14.010 min Scan# 2026

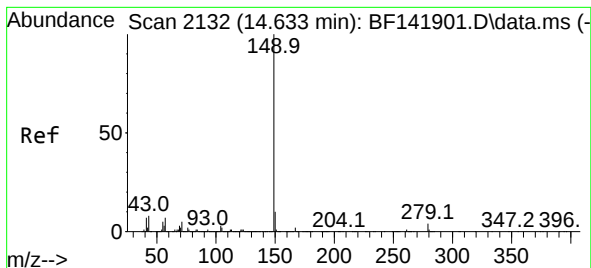
Delta R.T. -0.012 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Tgt Ion:149 Resp: 694674
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.698 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB167274BS

Tgt Ion:149 Resp: 938269

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

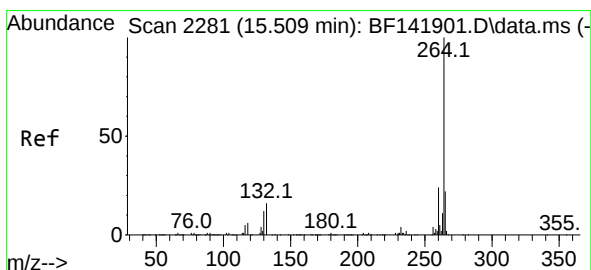
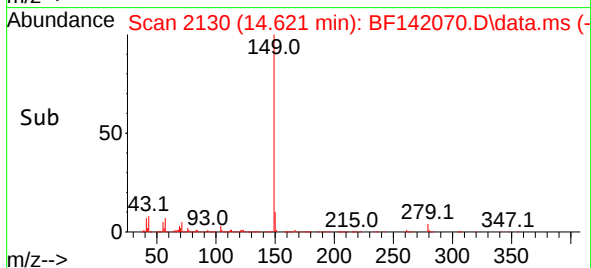
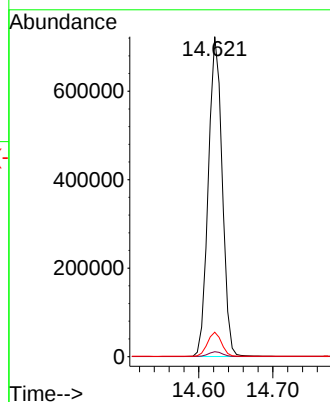
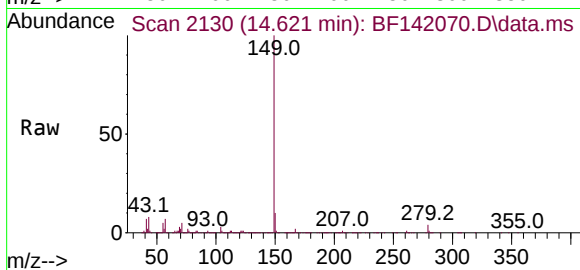
43 7.6 6.9 10.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025

Supervised By :Jagrut Upadhyay 03/26/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

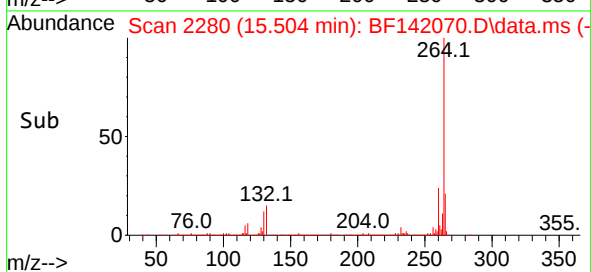
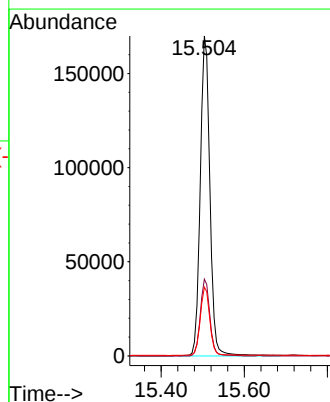
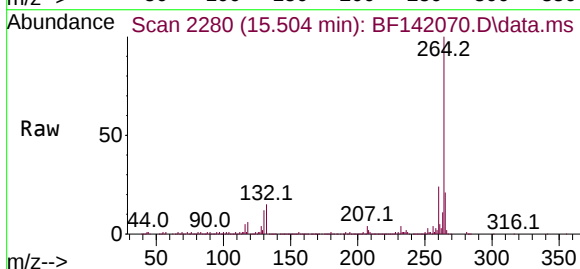
Tgt Ion:264 Resp: 273867

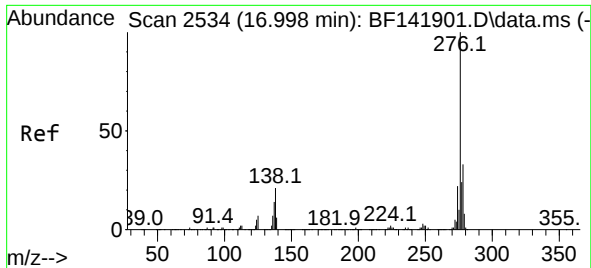
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.5 17.5 26.3





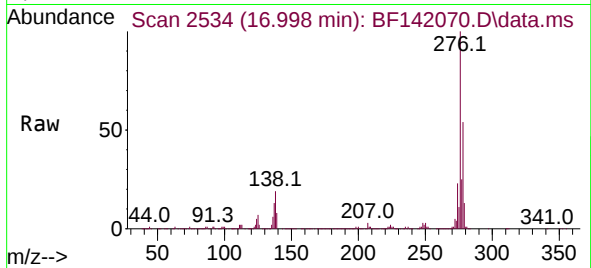
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.297 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

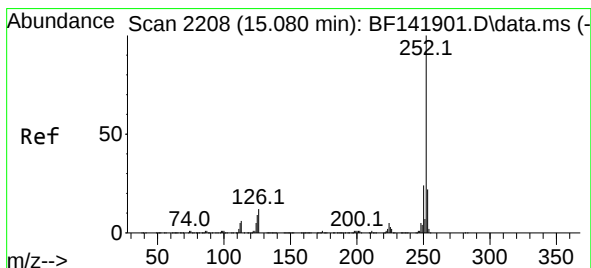
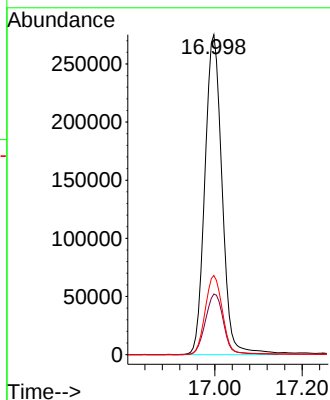
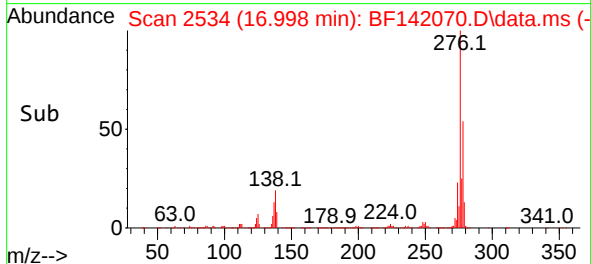
PB167274BS



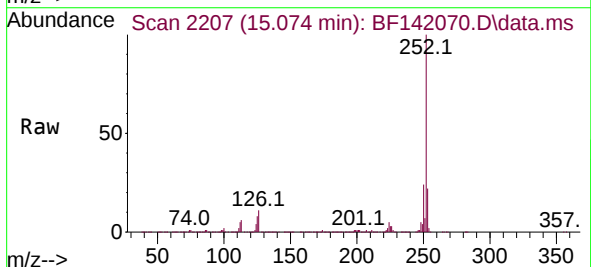
Tgt Ion:276 Resp: 749335
 Ion Ratio Lower Upper
 276 100
 138 20.2 18.4 27.6
 277 25.3 20.3 30.5

Manual Integrations
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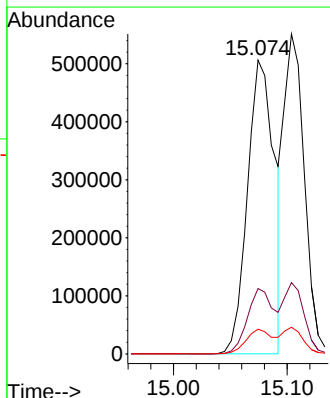
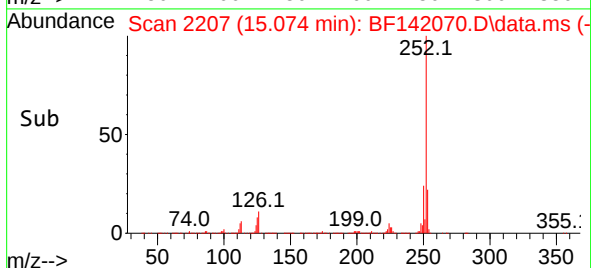
Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

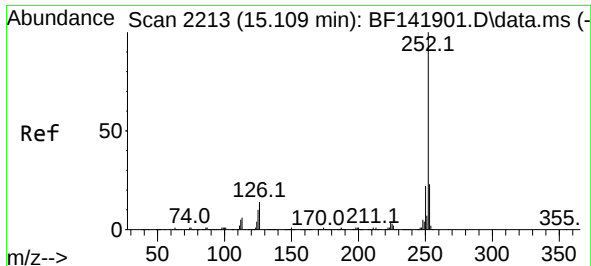


#88
 Benzo(b)fluoranthene
 Concen: 44.497 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF142070.D
 Acq: 25 Mar 2025 11:09



Tgt Ion:252 Resp: 835193
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.790 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

Instrument :

BNA_F

ClientSampleId :

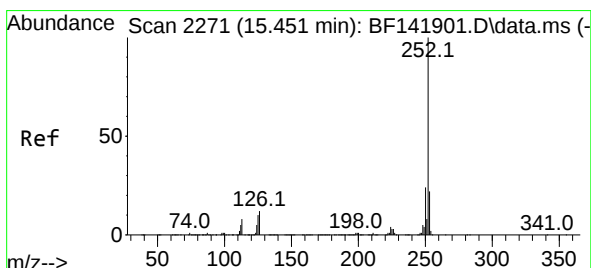
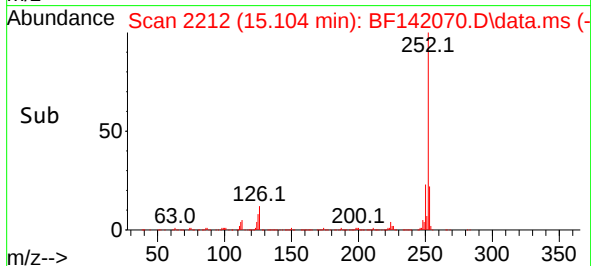
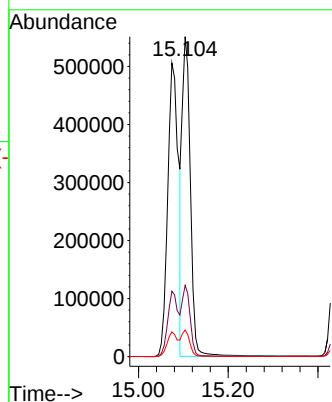
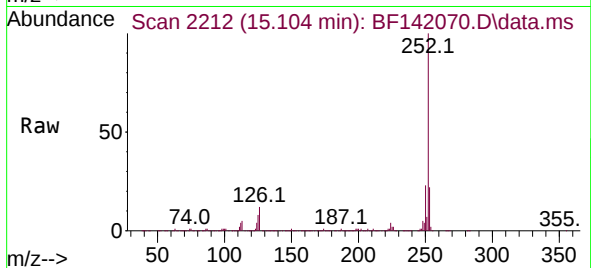
PB167274BS

Tgt Ion:252 Resp: 703372
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.4 7.2 10.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025



#90

Benzo(a)pyrene

Concen: 48.560 ng

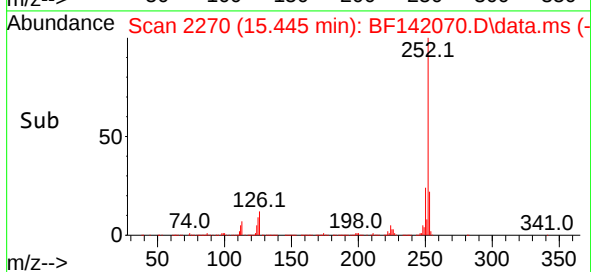
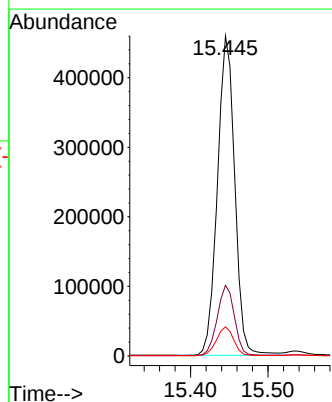
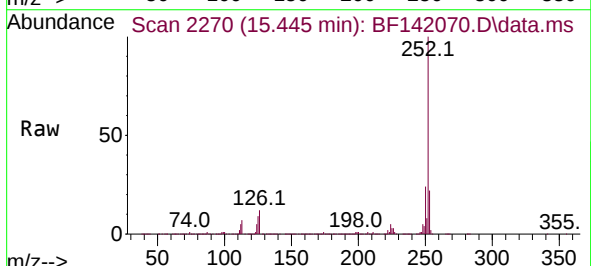
RT: 15.445 min Scan# 2270

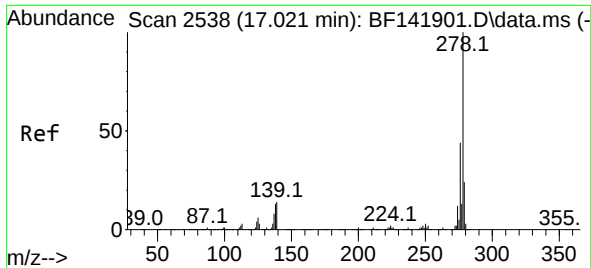
Delta R.T. -0.006 min

Lab File: BF142070.D

Acq: 25 Mar 2025 11:09

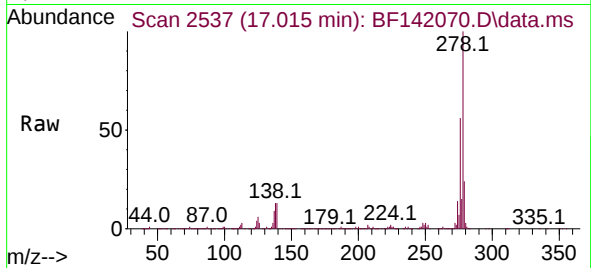
Tgt Ion:252 Resp: 713179
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 9.1 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 40.961 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

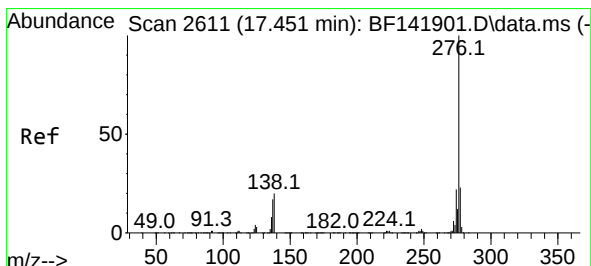
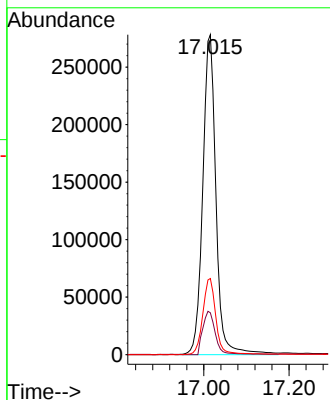
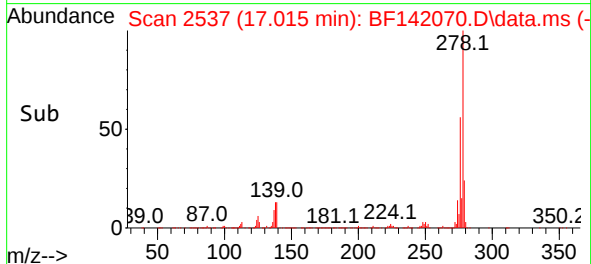
Instrument :
BNA_F
ClientSampleId :
PB167274BS



Tgt Ion: 278 Resp: 59873
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.2
279 23.8 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#92
Benzo(g,h,i)perylene
Concen: 38.596 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142070.D
Acq: 25 Mar 2025 11:09

Tgt Ion: 276 Resp: 557501
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 17.1 15.8 23.8

