

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142729.D
 Acq On : 11 Jun 2025 12:19
 Operator : RC/JU
 Sample : PB168378BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168378BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 12:57:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	85225	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	326755	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	179431	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	293869	20.000	ng	0.00
76) Chrysene-d12	14.069	240	155674	20.000	ng	0.00
86) Perylene-d12	15.563	264	174199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	379404	75.820	ng	0.01
7) Phenol-d6	6.522	99	450905	76.568	ng	0.00
23) Nitrobenzene-d5	7.457	82	422282	70.727	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	147244	74.875	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	938054	69.456	ng	0.00
79) Terphenyl-d14	13.010	244	809308	71.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	62464	31.542	ng	98
3) Pyridine	3.516	79	173857	35.013	ng	99
4) n-Nitrosodimethylamine	3.475	42	99939	39.337	ng	99
6) Aniline	6.551	93	240780	30.549	ng	92
8) 2-Chlorophenol	6.675	128	218132	39.889	ng	99
9) Benzaldehyde	6.440	77	104275	28.593	ng	98
10) Phenol	6.534	94	259641	39.665	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	190792	39.023	ng	98
12) 1,3-Dichlorobenzene	6.834	146	236378	37.877	ng	98
13) 1,4-Dichlorobenzene	6.910	146	237979	37.732	ng	100
14) 1,2-Dichlorobenzene	7.063	146	226786	37.512	ng	99
15) Benzyl Alcohol	7.034	79	176058	39.555	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	288985	37.541	ng	94
17) 2-Methylphenol	7.146	107	169733	40.488	ng	100
18) Hexachloroethane	7.404	117	84068	37.194	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	143838	38.367	ng	98
20) 3+4-Methylphenols	7.298	107	212217	40.153	ng	99
22) Acetophenone	7.298	105	285700	39.307	ng	# 95
24) Nitrobenzene	7.475	77	211373	39.889	ng	98
25) Isophorone	7.716	82	390517	38.630	ng	99
26) 2-Nitrophenol	7.793	139	120281	40.672	ng	99
27) 2,4-Dimethylphenol	7.828	122	202881	40.293	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	245567	39.126	ng	100
29) 2,4-Dichlorophenol	8.034	162	189180	40.713	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	202251	39.390	ng	99
31) Naphthalene	8.198	128	630631	39.024	ng	99
32) Benzoic acid	7.957	122	125330	44.198	ng	99
33) 4-Chloroaniline	8.245	127	119709	18.450	ng	99
34) Hexachlorobutadiene	8.316	225	125881	38.472	ng	99
35) Caprolactam	8.616	113	55019m	43.864	ng	
36) 4-Chloro-3-methylphenol	8.728	107	193328	40.013	ng	99
37) 2-Methylnaphthalene	8.892	142	396326	38.747	ng	99
38) 1-Methylnaphthalene	8.992	142	408200	38.524	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205519	39.574	ng	99
41) Hexachlorocyclopentadiene	9.045	237	276473	82.946	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	140946	41.927	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145801	40.156	ng	98
46) 1,1'-Biphenyl	9.357	154	550123	39.483	ng	100
47) 2-Chloronaphthalene	9.381	162	406310	39.583	ng	100
48) 2-Nitroaniline	9.475	65	117414	40.217	ng	99
49) Acenaphthylene	9.798	152	681151	39.355	ng	99
50) Dimethylphthalate	9.657	163	485742	40.539	ng	100
51) 2,6-Dinitrotoluene	9.722	165	104752	40.450	ng	97
52) Acenaphthene	9.969	154	472242	44.007	ng	100
53) 3-Nitroaniline	9.887	138	71601	25.491	ng	100
54) 2,4-Dinitrophenol	9.998	184	130454	91.963	ng	91
55) Dibenzofuran	10.145	168	602519	39.429	ng	99
56) 4-Nitrophenol	10.051	139	160615	84.311	ng	96
57) 2,4-Dinitrotoluene	10.128	165	143403	41.882	ng	98
58) Fluorene	10.486	166	472606	39.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	122731	40.178	ng	100
60) Diethylphthalate	10.357	149	475595	40.029	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	231195	39.230	ng	99
62) 4-Nitroaniline	10.504	138	99805	39.718	ng	98
63) Azobenzene	10.634	77	412480	39.751	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	81115	44.078	ng	99
66) n-Nitrosodiphenylamine	10.598	169	410986	40.686	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	141136	40.687	ng	99
68) Hexachlorobenzene	11.034	284	157543	40.915	ng	98
69) Atrazine	11.122	200	119461	44.358	ng	98
70) Pentachlorophenol	11.228	266	168261	83.365	ng	99
71) Phenanthrene	11.451	178	629331	39.974	ng	100
72) Anthracene	11.504	178	648250	39.803	ng	100
73) Carbazole	11.657	167	551955	40.483	ng	99
74) Di-n-butylphthalate	11.980	149	640419	42.065	ng	100
75) Fluoranthene	12.639	202	588781	39.329	ng	99
77) Benzidine	12.757	184	170163	30.693	ng	99
78) Pyrene	12.869	202	583089	40.305	ng	99
80) Butylbenzylphthalate	13.480	149	192730	45.051	ng	100
81) Benzo(a)anthracene	14.057	228	422475	40.954	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	81903	24.621	ng	98
83) Chrysene	14.092	228	392406	41.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	286530	44.629	ng	99
85) Di-n-octyl phthalate	14.657	149	533655	43.325	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	524989	40.668	ng	100
88) Benzo(b)fluoranthene	15.121	252	455115	44.371	ng	99
89) Benzo(k)fluoranthene	15.151	252	371578	37.337	ng	100
90) Benzo(a)pyrene	15.498	252	405481	41.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	433815	41.157	ng	100
92) Benzo(g,h,i)perylene	17.539	276	417636	39.845	ng	99

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

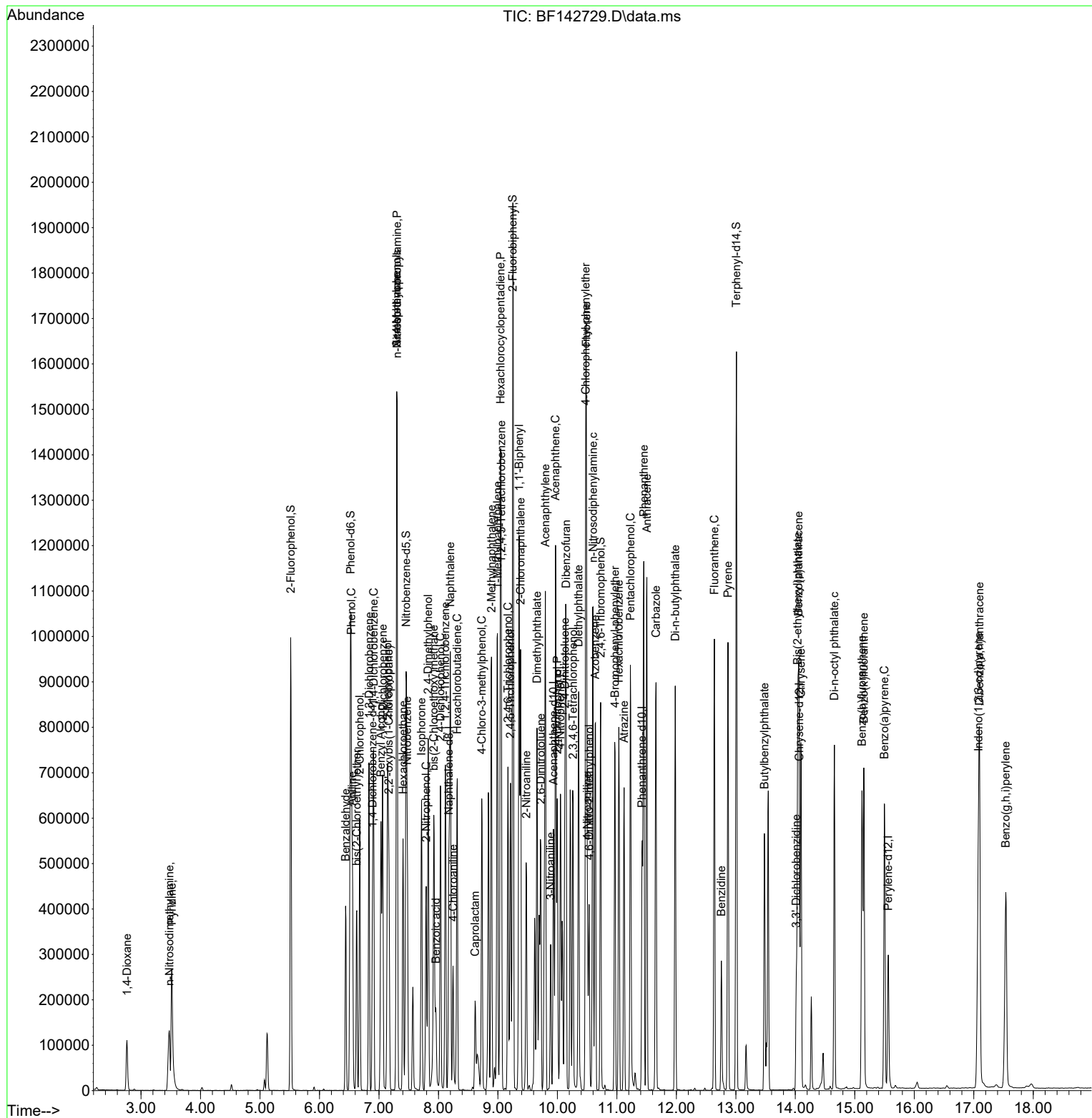
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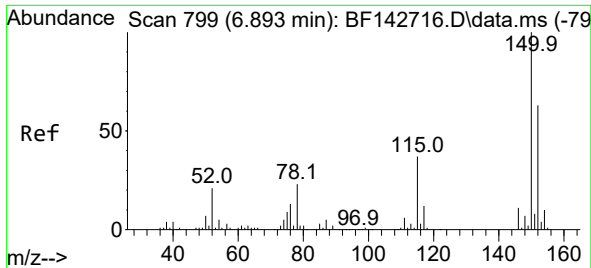
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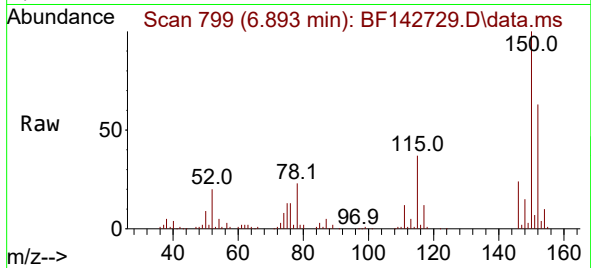
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

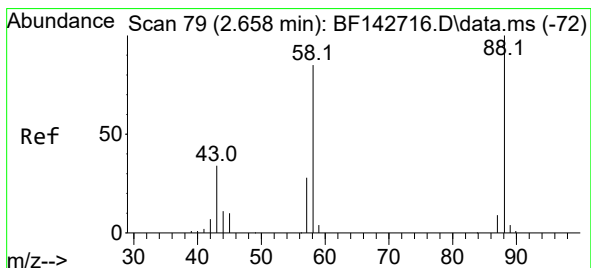
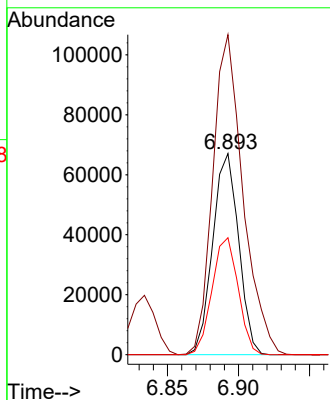
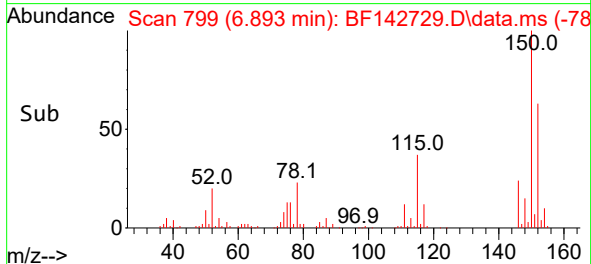
Instrument :
BNA_F
ClientSampleId :
PB168378BS



Tgt Ion:152 Resp: 85225
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 58.2 47.0 70.6

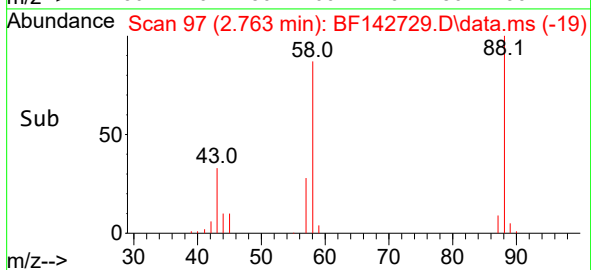
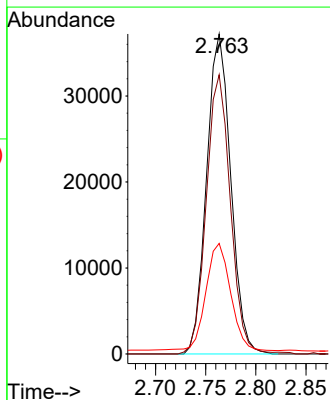
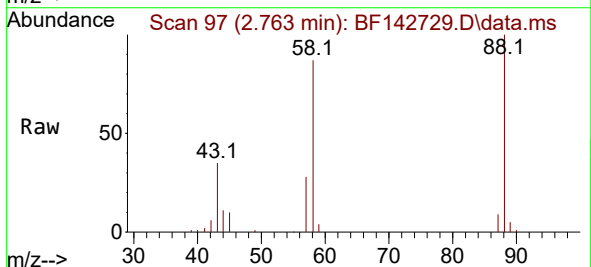
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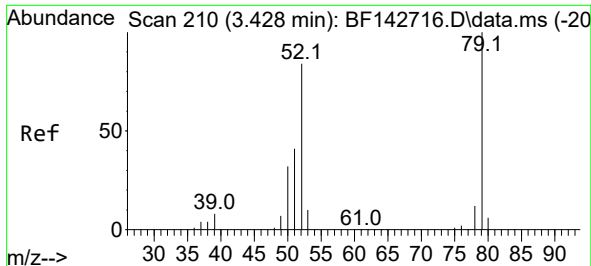
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Supervised By :Jagrut Upadhyay 06/12/2025



#2
1,4-Dioxane
Concen: 31.542 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

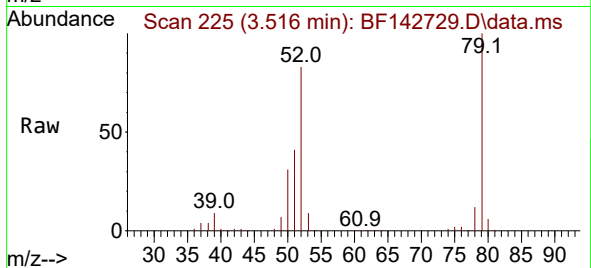
Tgt Ion: 88 Resp: 62464
Ion Ratio Lower Upper
88 100
58 87.2 68.4 102.6
43 34.4 27.0 40.6





#3
Pyridine
Concen: 35.013 ng
RT: 3.516 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

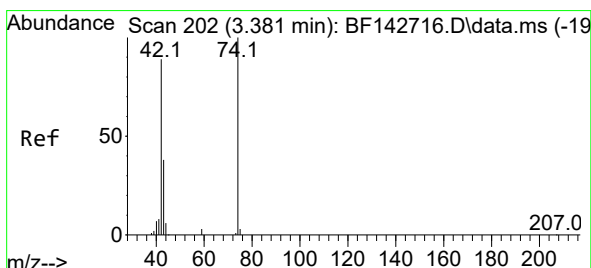
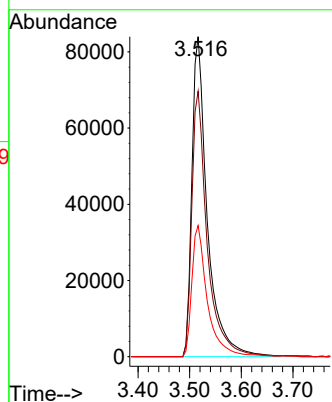
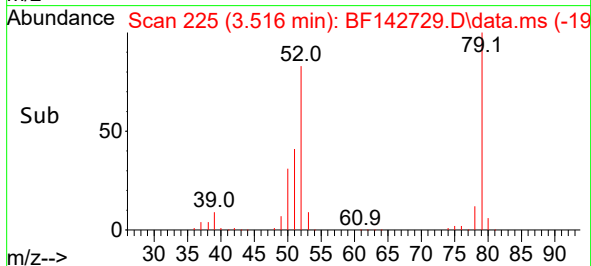
Instrument :
BNA_F
ClientSampleId :
PB168378BS



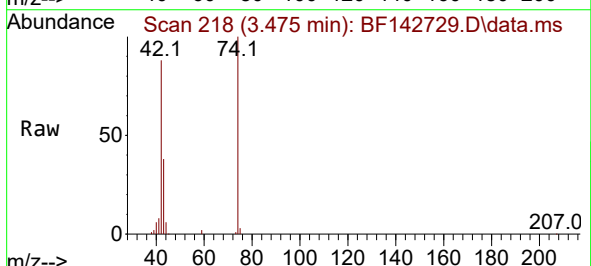
Tgt Ion: 79 Resp: 17385
Ion Ratio Lower Upper
79 100
52 82.9 67.1 100.7
51 41.0 32.6 48.8

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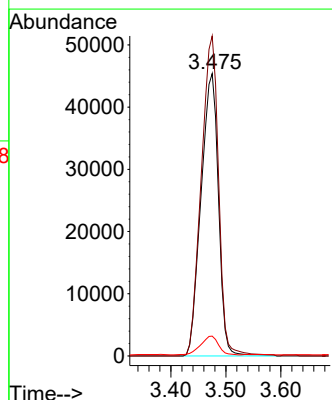
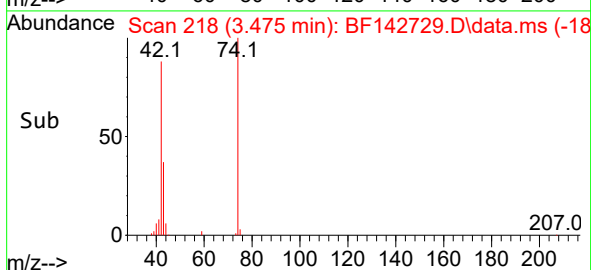
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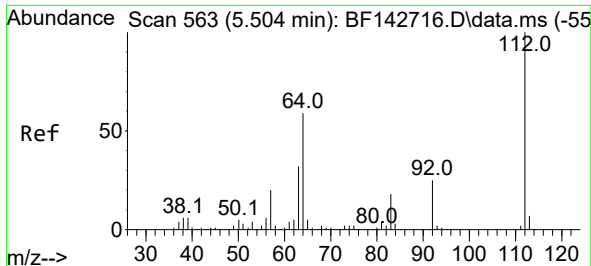


#4
n-Nitrosodimethylamine
Concen: 39.337 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion: 42 Resp: 99939
Ion Ratio Lower Upper
42 100
74 113.3 89.6 134.4
44 7.0 5.4 8.2





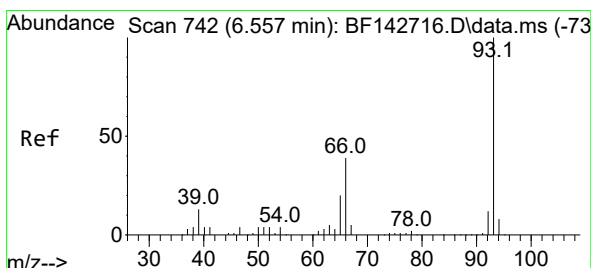
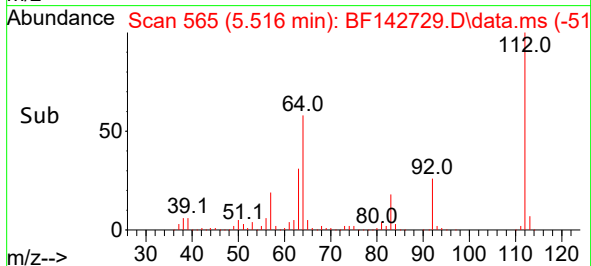
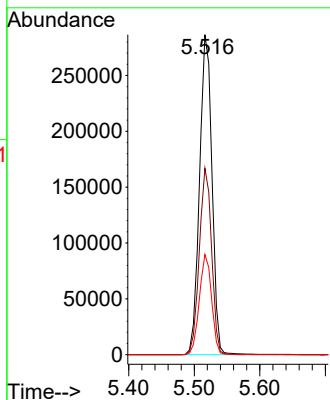
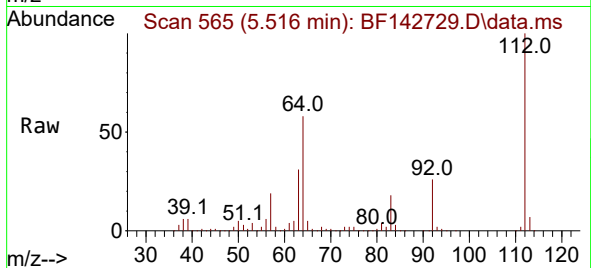
#5
2-Fluorophenol
Concen: 75.820 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :
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ClientSampleId :
PB168378BS

Tgt Ion:112 Resp: 379404
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.2
63 31.3 25.4 38.0

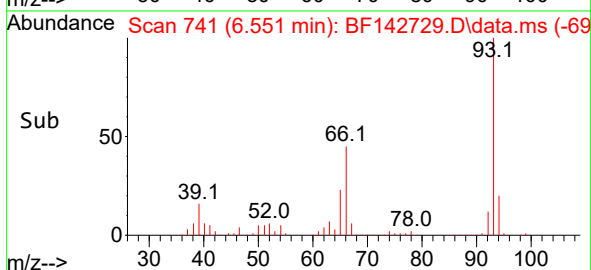
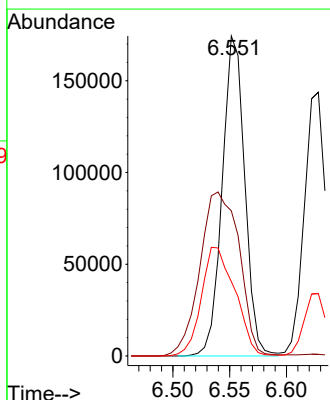
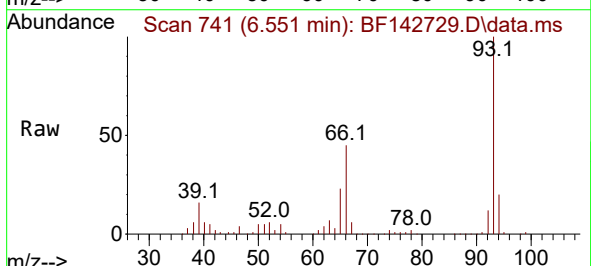
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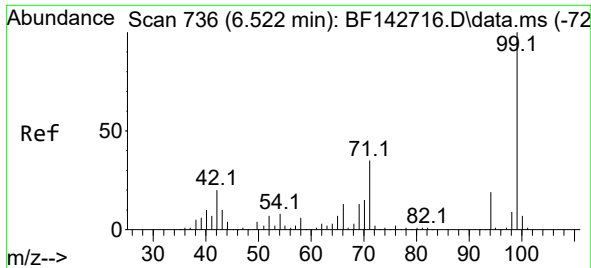
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#6
Aniline
Concen: 30.549 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion: 93 Resp: 240780
Ion Ratio Lower Upper
93 100
66 45.3 32.0 48.0
65 23.2 16.1 24.1





#7

Phenol-d6

Concen: 76.568 ng

RT: 6.522 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF142729.D

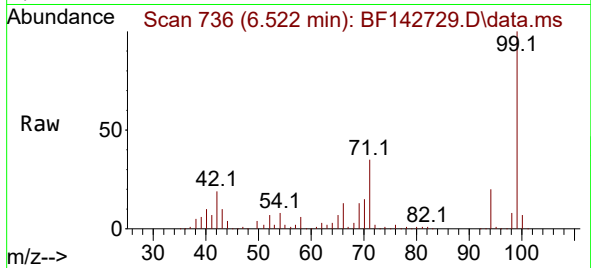
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion: 99 Resp: 45090

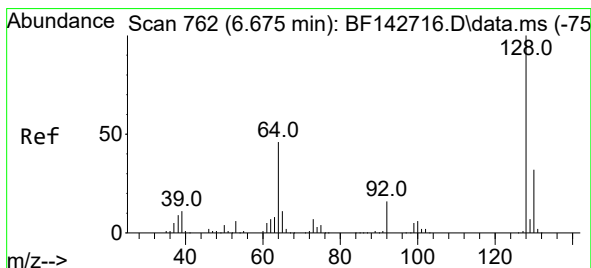
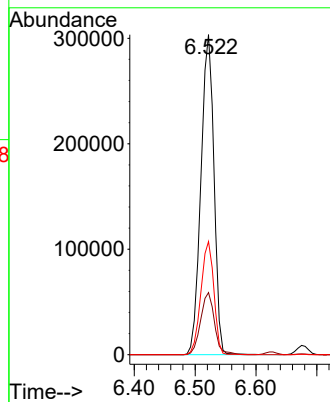
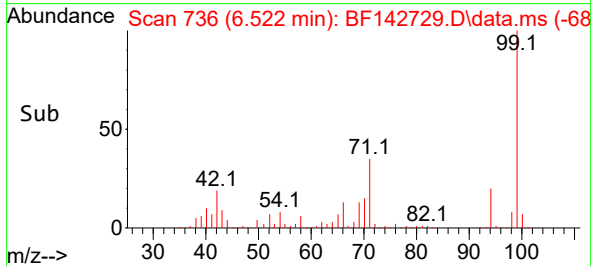
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	35.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 39.889 ng

RT: 6.675 min Scan# 762

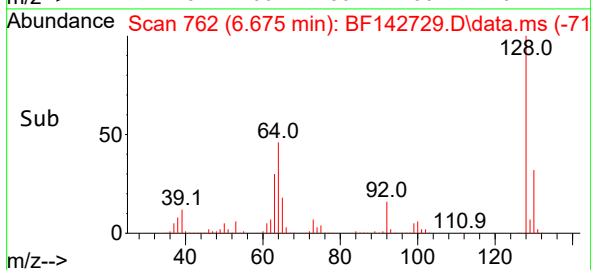
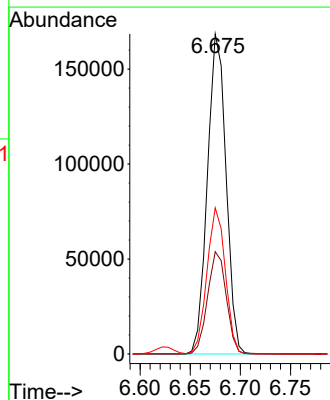
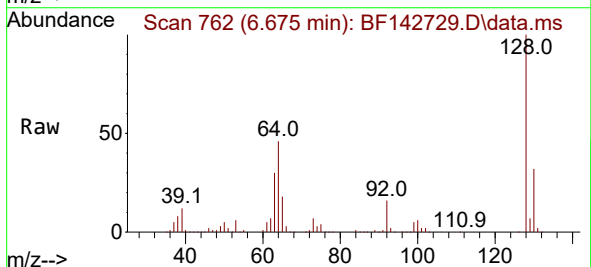
Delta R.T. 0.000 min

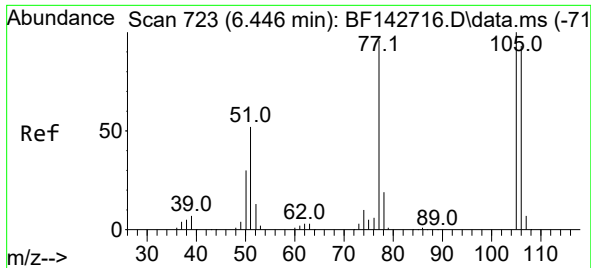
Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Tgt Ion:128 Resp: 218132

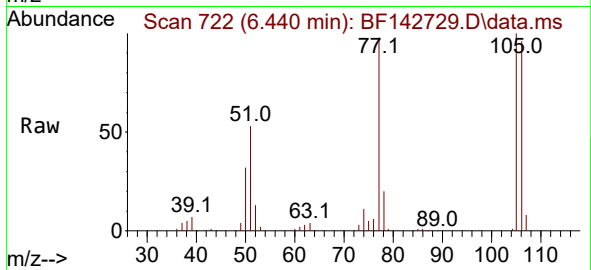
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.4	52.4
64	45.7	26.5	66.5





#9
Benzaldehyde
Concen: 28.593 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142729.D
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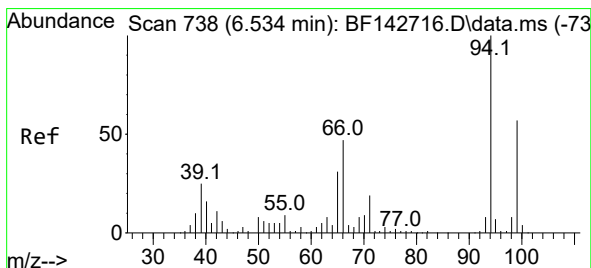
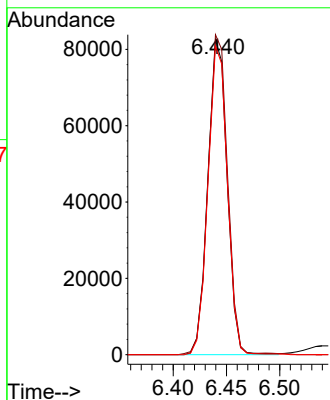
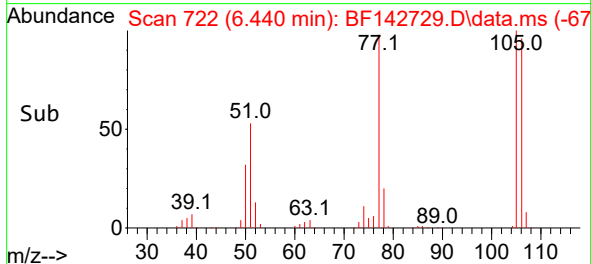
Instrument :
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Tgt Ion: 77 Resp: 104275
Ion Ratio Lower Upper
77 100
105 101.5 84.1 124.1
106 98.0 77.2 117.2

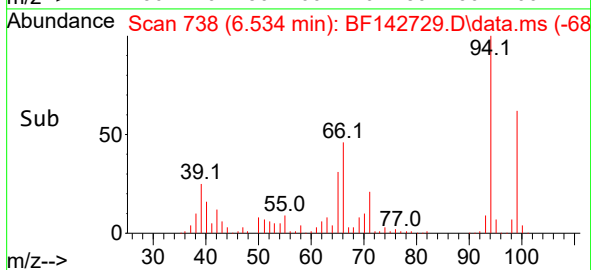
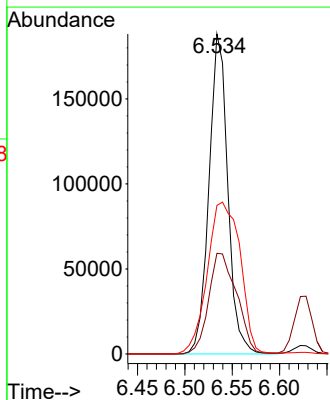
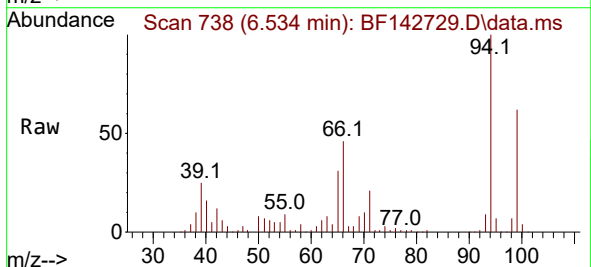
Manual Integrations
APPROVED

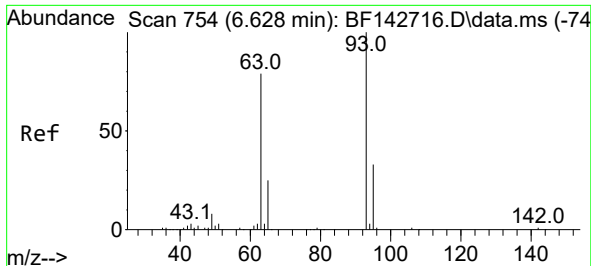
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#10
Phenol
Concen: 39.665 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion: 94 Resp: 259641
Ion Ratio Lower Upper
94 100
65 31.5 11.4 51.4
66 46.4 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 39.023 ng

RT: 6.628 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

Tgt Ion: 93 Resp: 190792

Ion Ratio Lower Upper

93 100

63 76.4 58.3 98.3

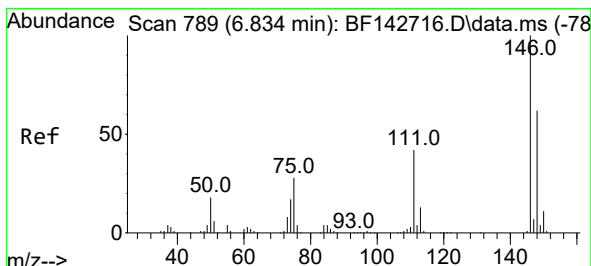
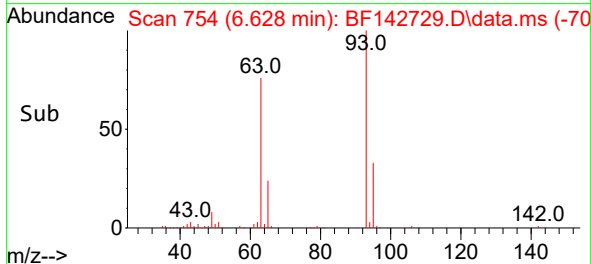
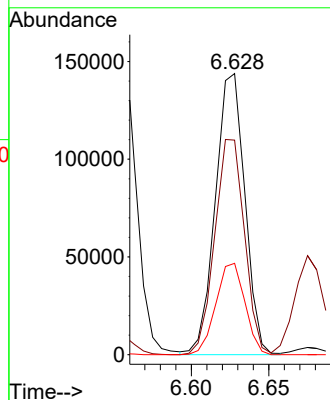
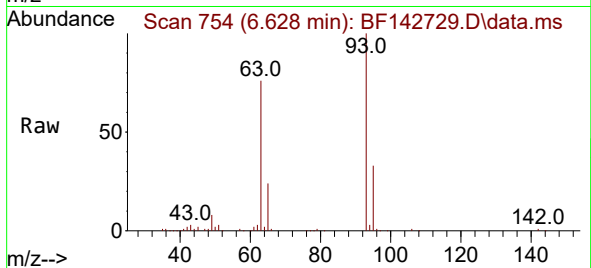
95 32.5 13.1 53.1

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#12

1,3-Dichlorobenzene

Concen: 37.877 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

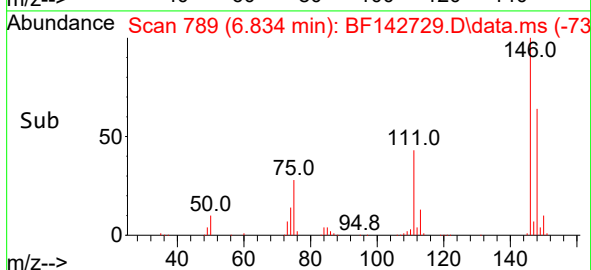
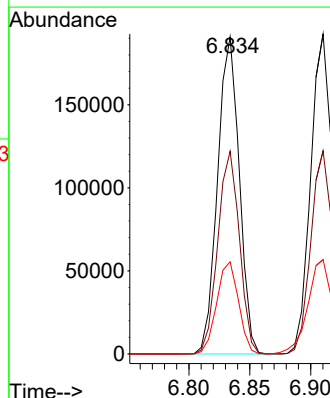
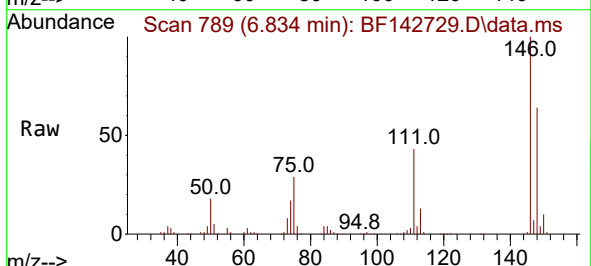
Tgt Ion:146 Resp: 236378

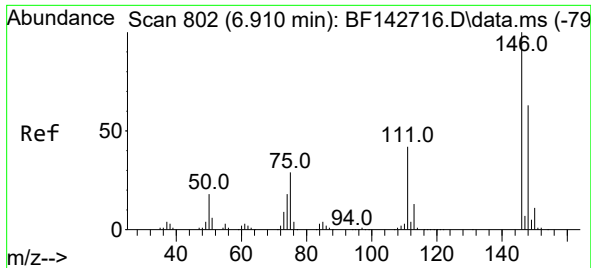
Ion Ratio Lower Upper

146 100

148 63.9 49.9 74.9

75 29.1 22.6 34.0





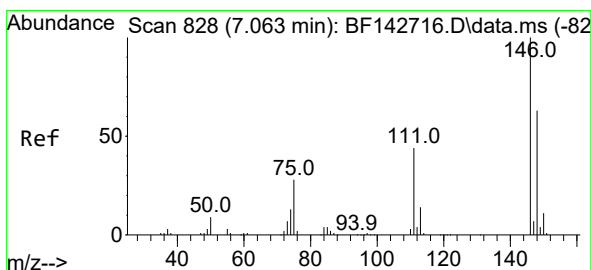
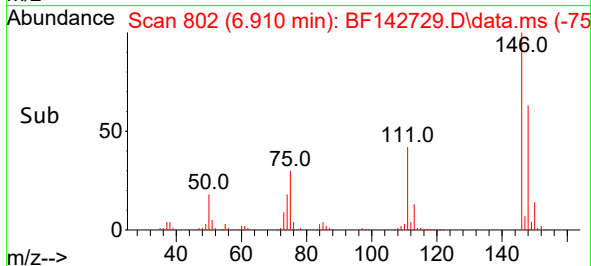
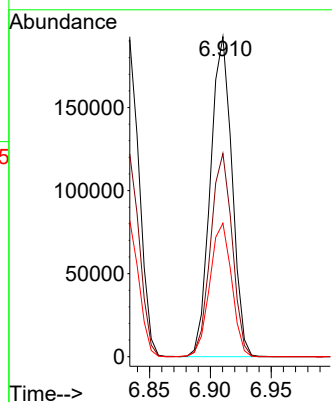
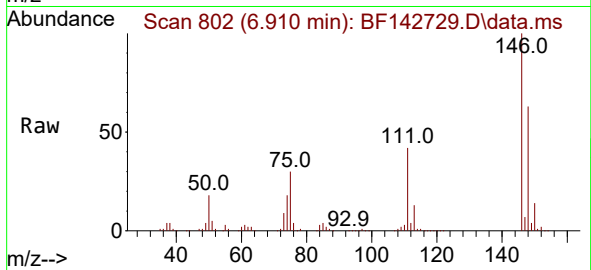
#13
1,4-Dichlorobenzene
Concen: 37.732 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Tgt Ion:146 Resp: 237979
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 41.7 33.6 50.4

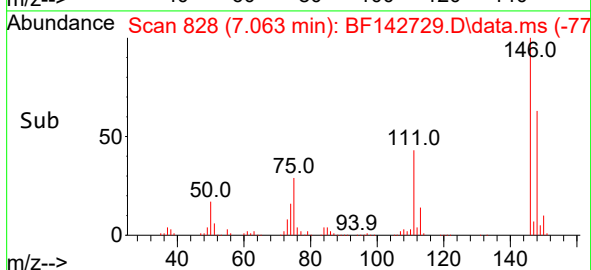
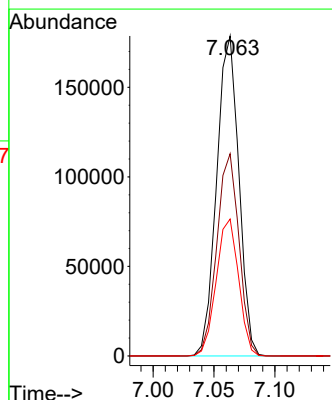
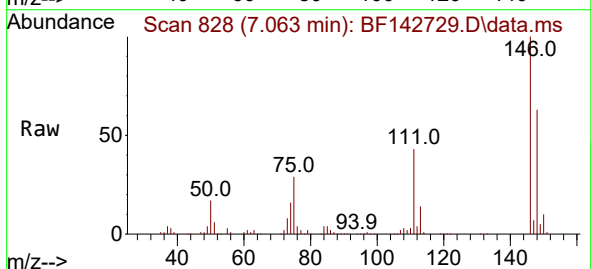
Manual Integrations
APPROVED

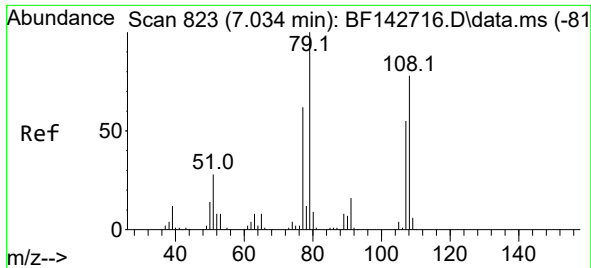
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#14
1,2-Dichlorobenzene
Concen: 37.512 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

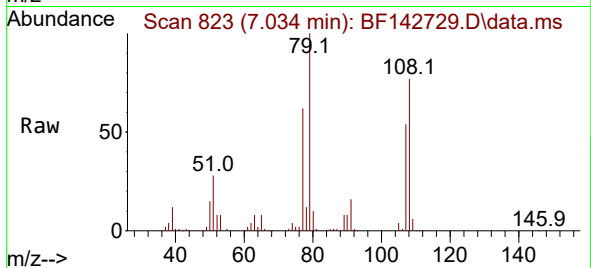
Tgt Ion:146 Resp: 226786
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 42.8 35.2 52.8





#15
Benzyl Alcohol
Concen: 39.555 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

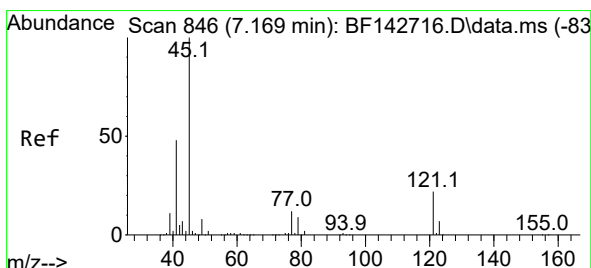
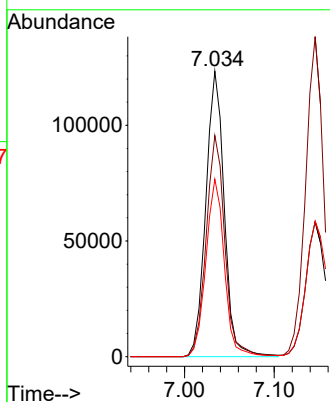
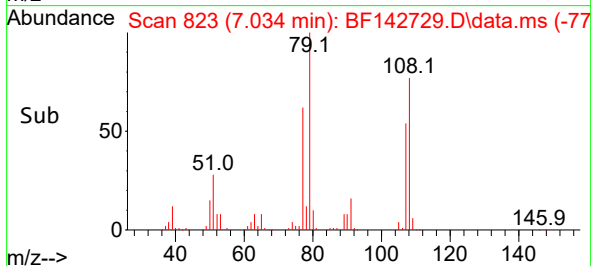
Instrument :
BNA_F
ClientSampleId :
PB168378BS



Tgt Ion: 79 Resp: 176058
Ion Ratio Lower Upper
79 100
108 77.5 62.6 94.0
77 62.2 49.8 74.8

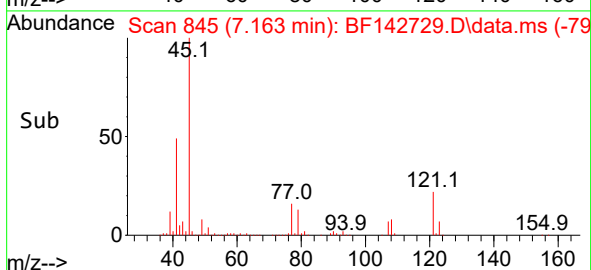
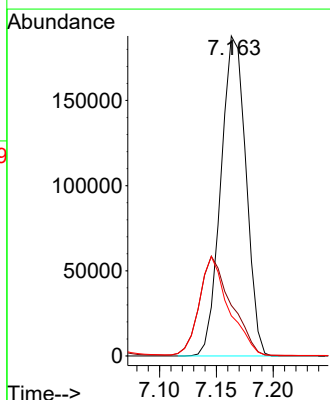
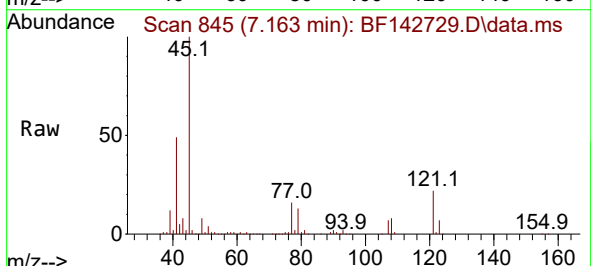
Manual Integrations
APPROVED

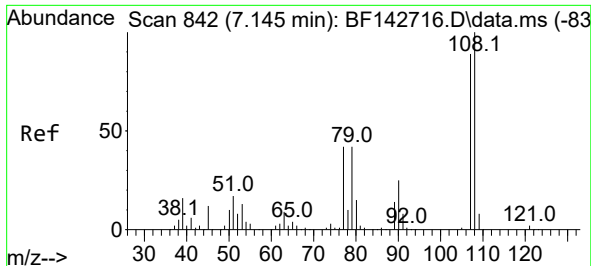
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.541 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

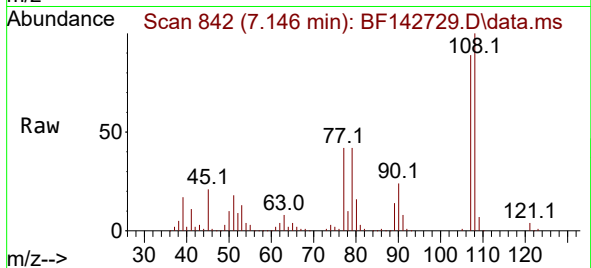
Tgt Ion: 45 Resp: 288985
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.1
79 12.6 0.0 30.5





#17
2-Methylphenol
Concen: 40.488 ng
RT: 7.146 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

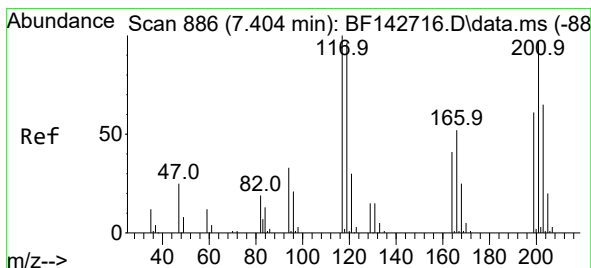
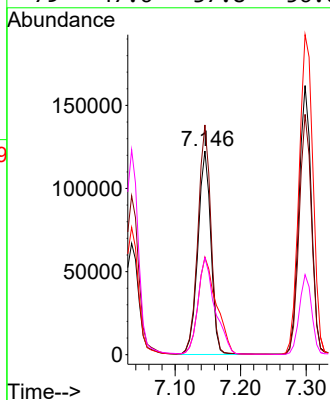
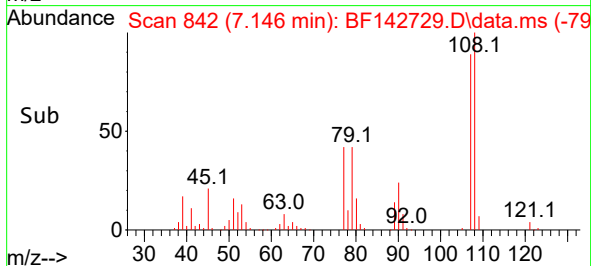
Instrument :
BNA_F
ClientSampleId :
PB168378BS



Tgt Ion:107 Resp: 16973
Ion Ratio Lower Upper
107 100
108 112.8 90.0 135.0
77 47.8 38.2 57.2
79 47.6 37.8 56.6

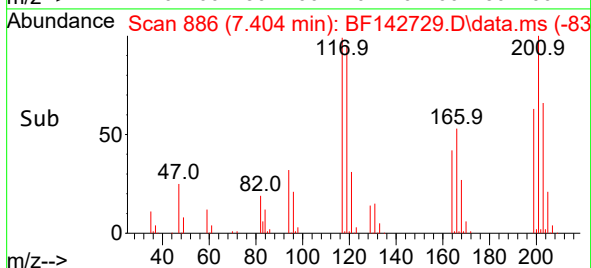
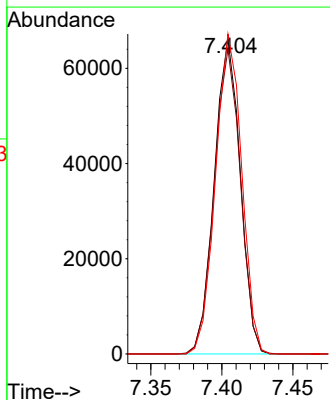
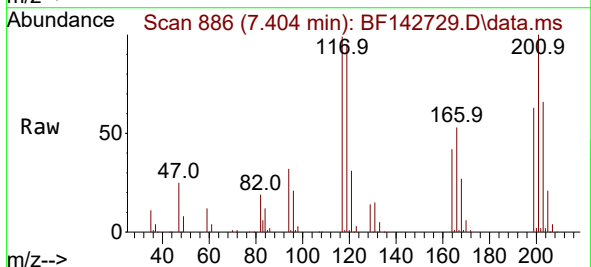
Manual Integrations
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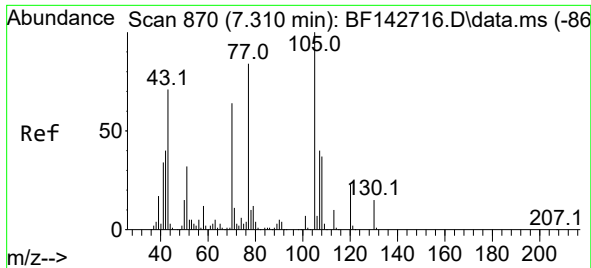
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#18
Hexachloroethane
Concen: 37.194 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:117 Resp: 84068
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
201 101.5 77.8 116.6





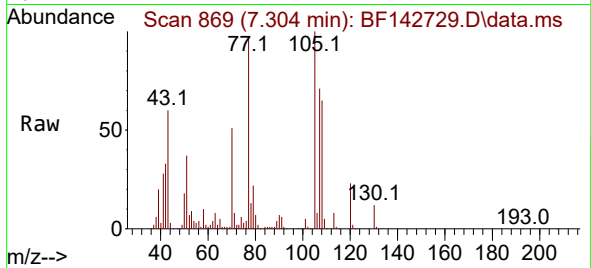
#19
n-Nitroso-di-n-propylamine
Concen: 38.367 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

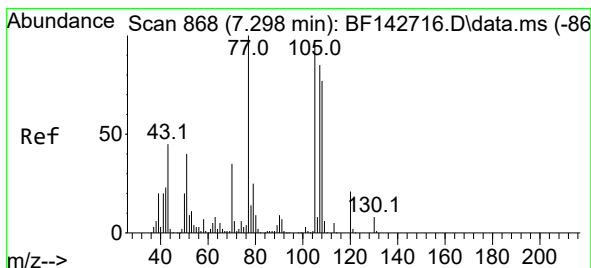
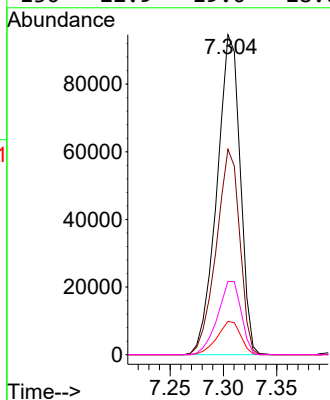
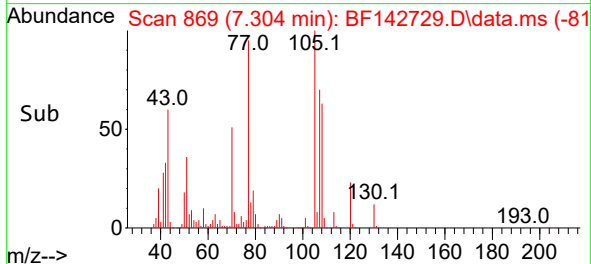


Tgt Ion: 70 Resp: 143838
Ion Ratio Lower Upper
70 100
42 64.2 50.2 75.4
101 10.4 8.3 12.5
130 22.9 19.0 28.6

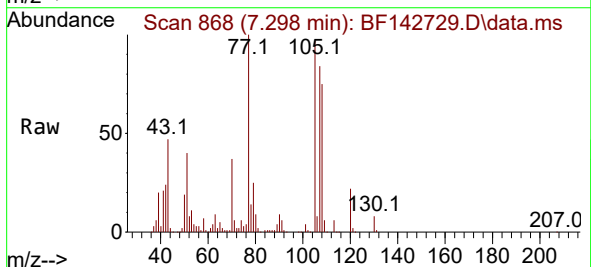
Manual Integrations

APPROVED

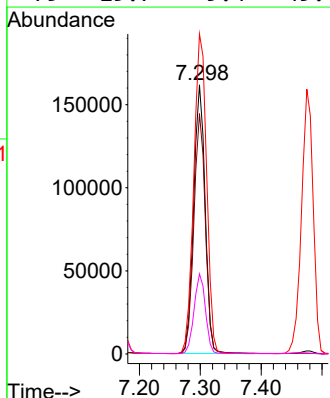
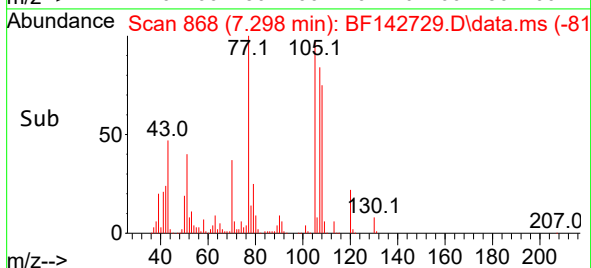
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

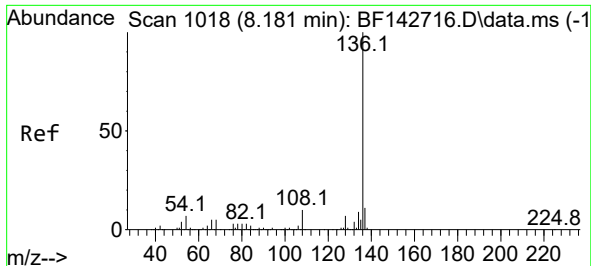


#20
3+4-Methylphenols
Concen: 40.153 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



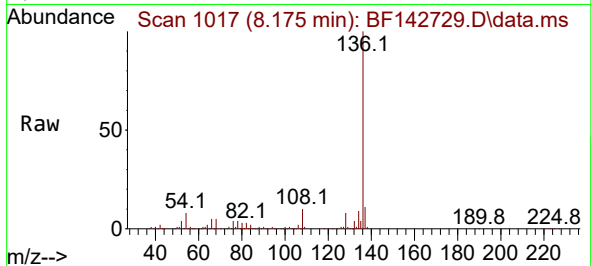
Tgt Ion:107 Resp: 212217
Ion Ratio Lower Upper
107 100
108 89.3 69.9 109.9
77 118.9 97.4 137.4
79 29.7 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

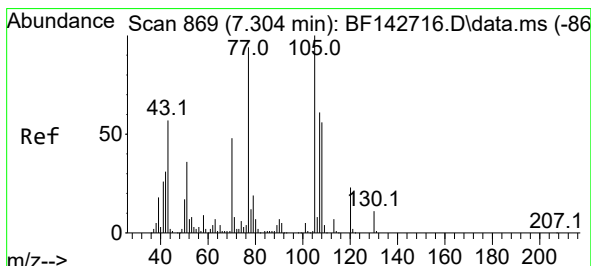
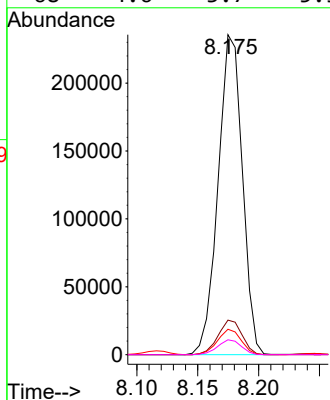
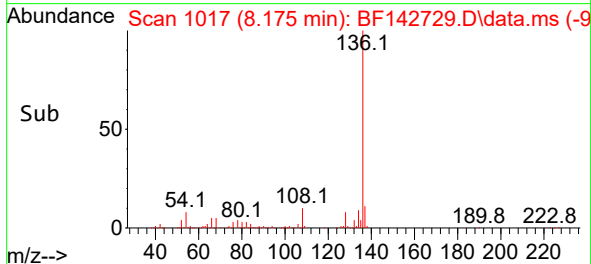
Instrument :
BNA_F
ClientSampleId :
PB168378BS



Tgt Ion:136 Resp: 32675
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 5.9 8.9
68 4.6 3.7 5.5

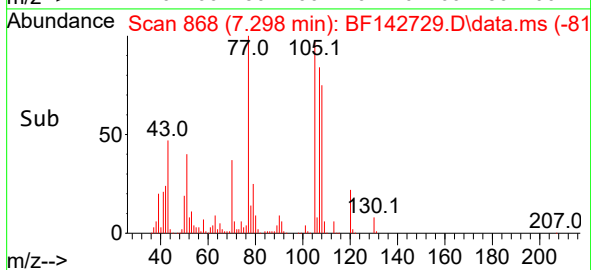
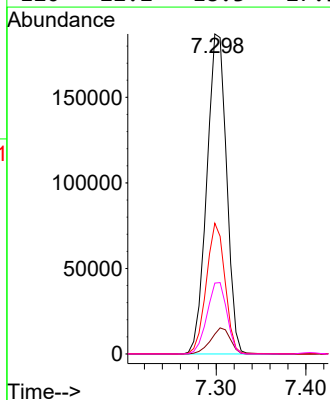
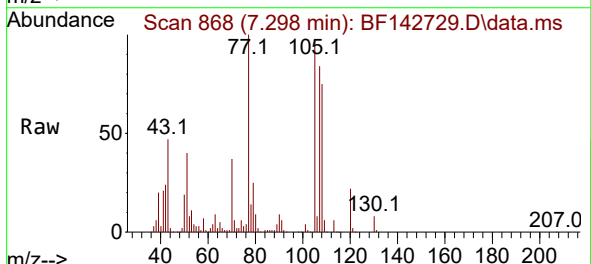
Manual Integrations
APPROVED

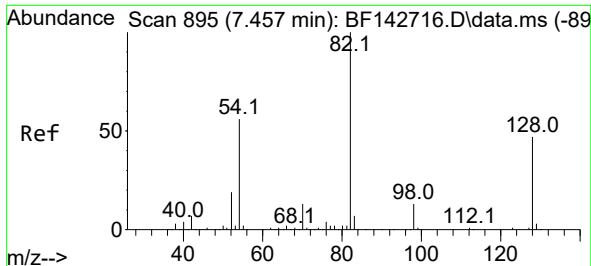
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#22
Acetophenone
Concen: 39.307 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:105 Resp: 285700
Ion Ratio Lower Upper
105 100
71 6.2 6.4 9.6#
51 40.9 29.1 43.7
120 22.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 70.727 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142729.D

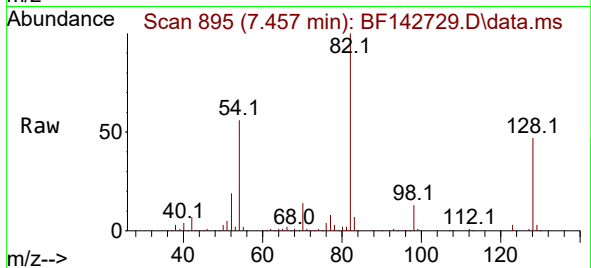
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion: 82 Resp: 42228

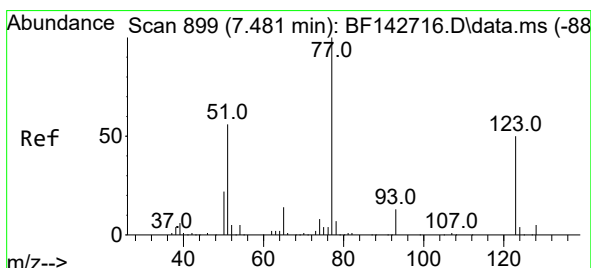
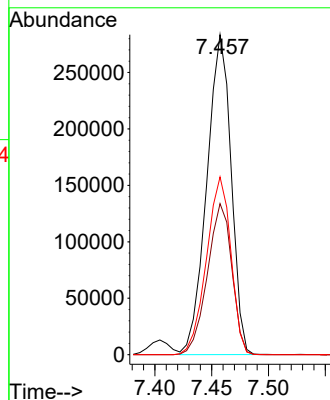
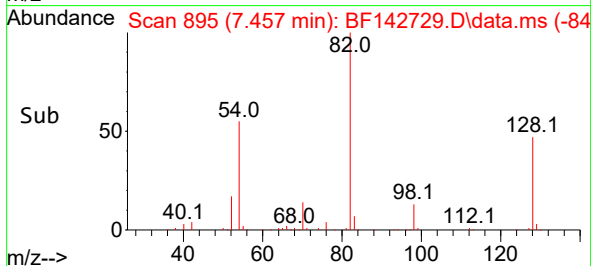
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.8	56.8
54	55.5	44.9	67.3

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#24

Nitrobenzene

Concen: 39.889 ng

RT: 7.475 min Scan# 898

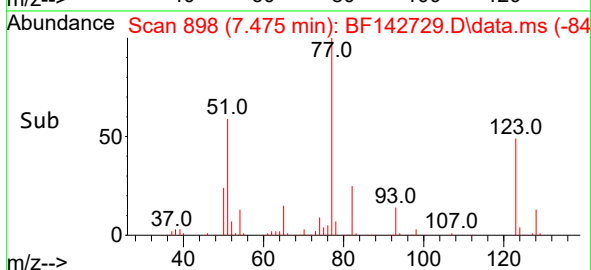
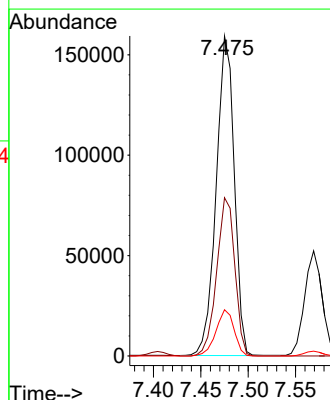
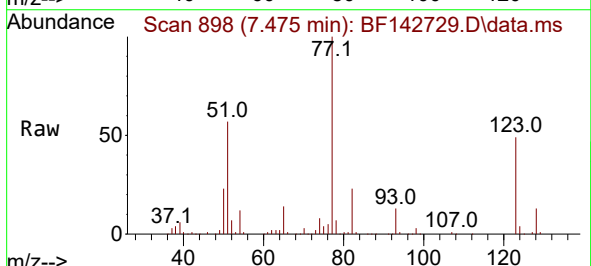
Delta R.T. -0.006 min

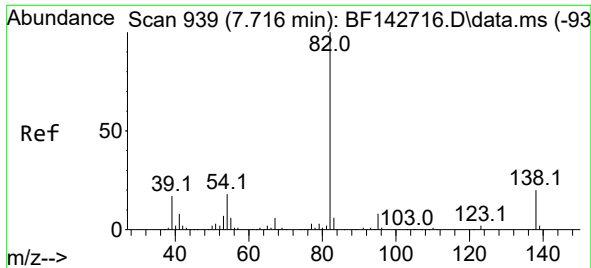
Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Tgt Ion: 77 Resp: 211373

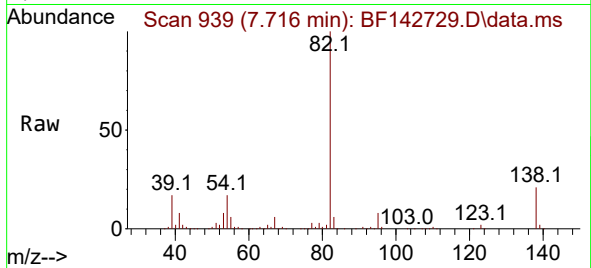
Ion	Ratio	Lower	Upper
77	100		
123	49.4	40.8	61.2
65	14.4	11.5	17.3





#25
Isophorone
Concen: 38.630 ng
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

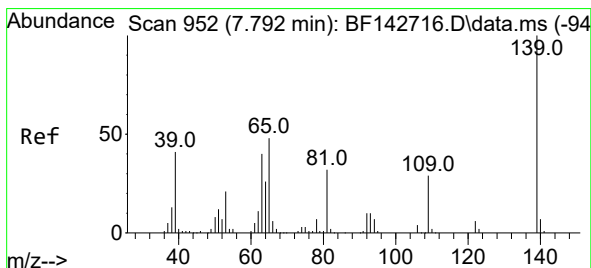
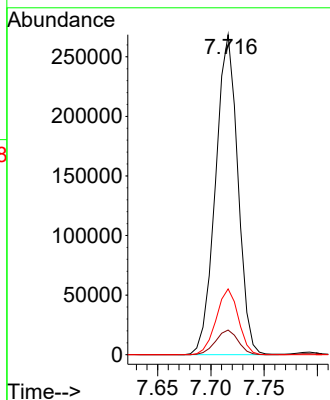
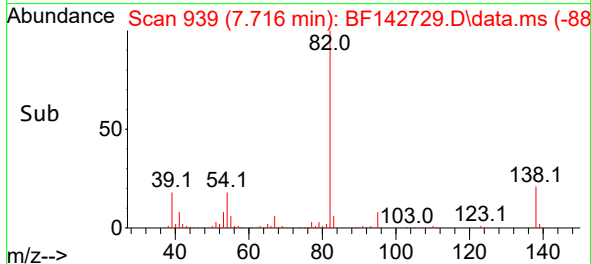
Instrument :
BNA_F
ClientSampleId :
PB168378BS



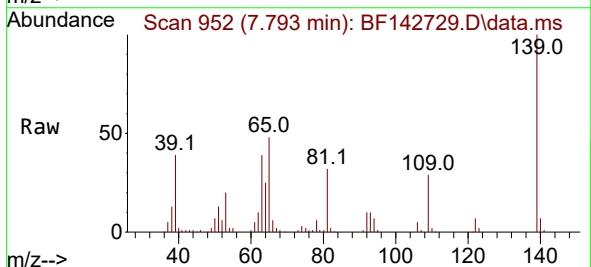
Tgt Ion: 82 Resp: 39051
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 20.5 15.8 23.6

Manual Integrations
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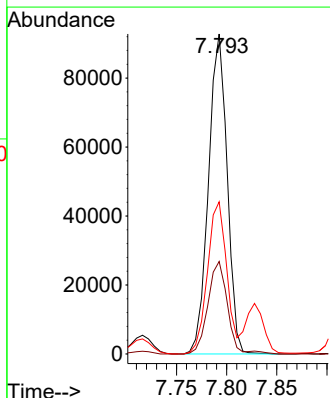
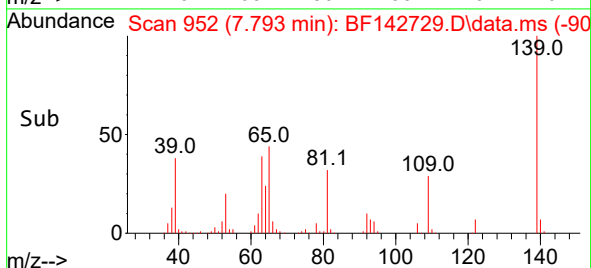
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

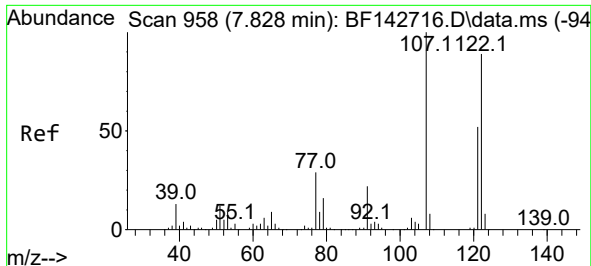


#26
2-Nitrophenol
Concen: 40.672 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:139 Resp: 120281
Ion Ratio Lower Upper
139 100
109 28.9 23.4 35.2
65 47.6 38.7 58.1





#27
2,4-Dimethylphenol
Concen: 40.293 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

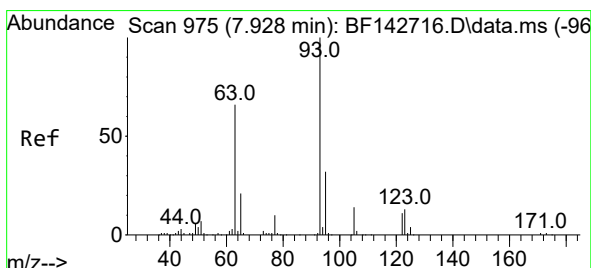
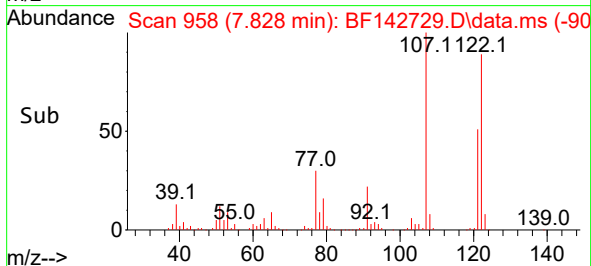
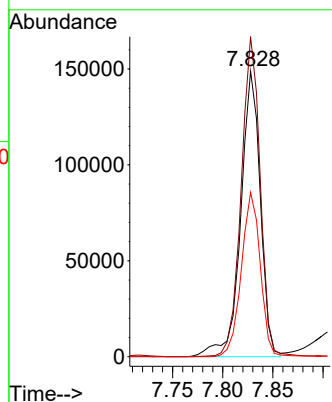
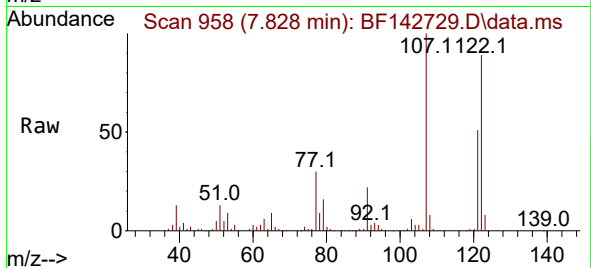
PB168378BS

Tgt Ion:122 Resp: 20288
Ion Ratio Lower Upper
122 100
107 112.0 90.4 135.6
121 57.6 46.9 70.3

Manual Integrations

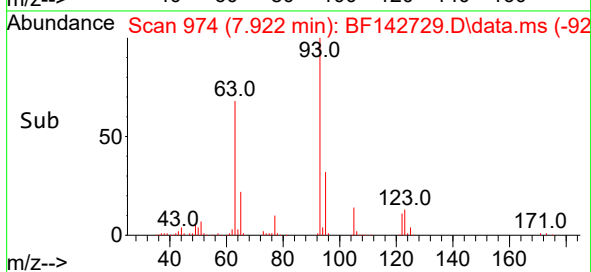
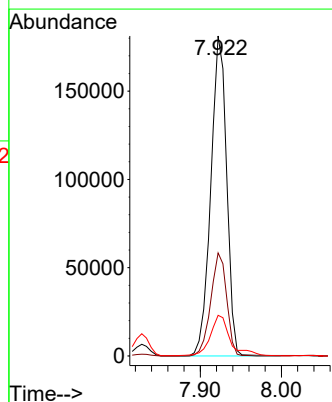
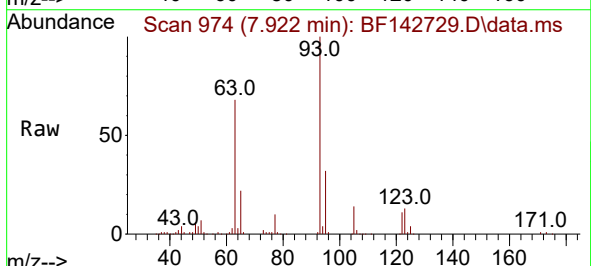
APPROVED

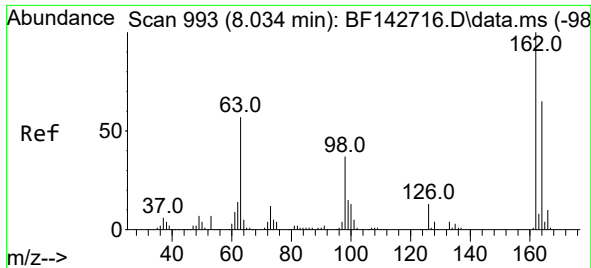
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.126 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion: 93 Resp: 245567
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 40.713 ng

RT: 8.034 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF142729.D

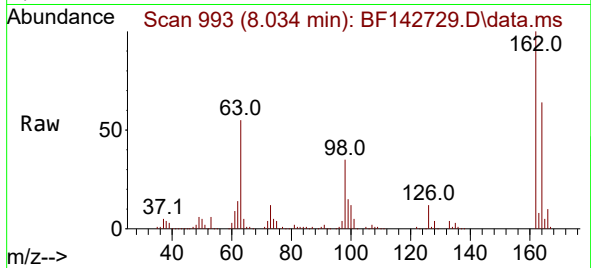
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

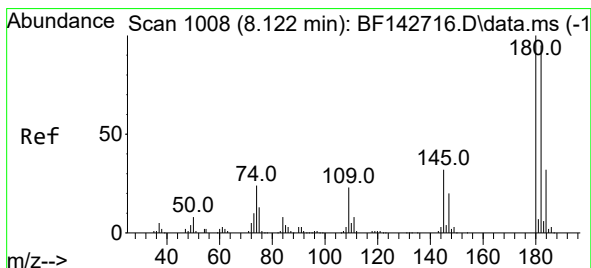
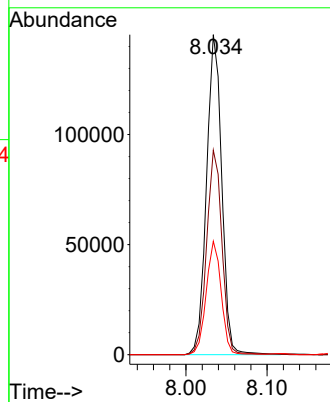
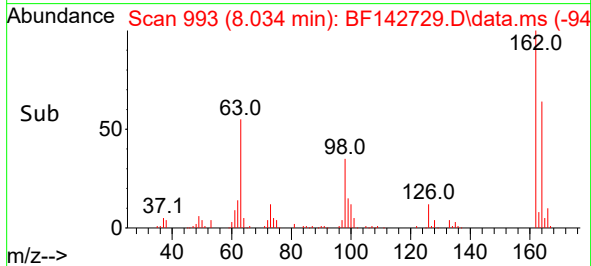


Tgt Ion:162	Resp: 189180
Ion Ratio	Lower Upper
162 100	
164 63.9	45.1 85.1
98 35.5	16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#30

1,2,4-Trichlorobenzene

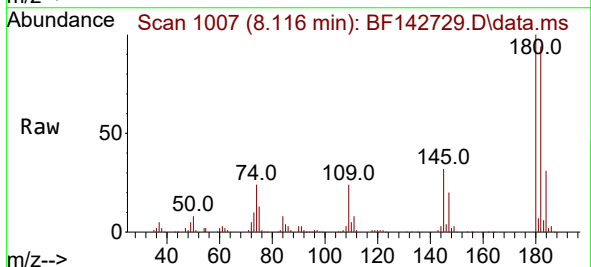
Concen: 39.390 ng

RT: 8.116 min Scan# 1007

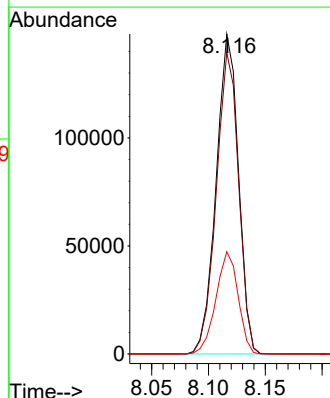
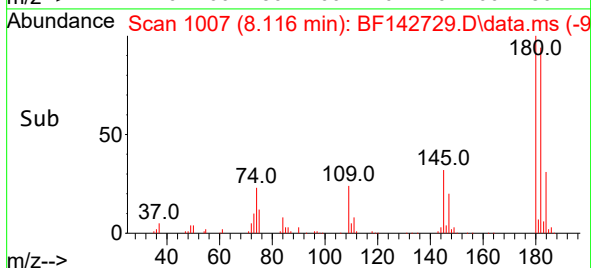
Delta R.T. -0.006 min

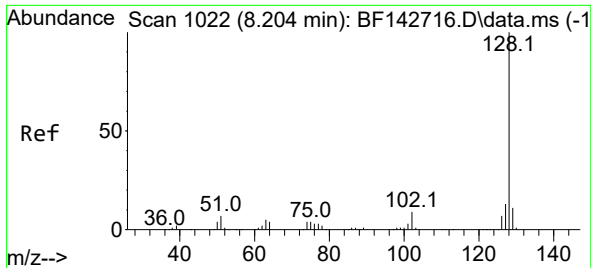
Lab File: BF142729.D

Acq: 11 Jun 2025 12:19



Tgt Ion:180	Resp: 202251
Ion Ratio	Lower Upper
180 100	
182 94.2	75.9 113.9
145 32.0	25.7 38.5





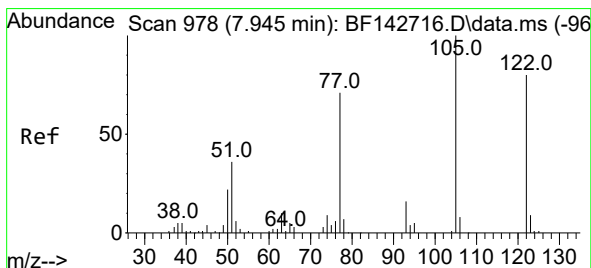
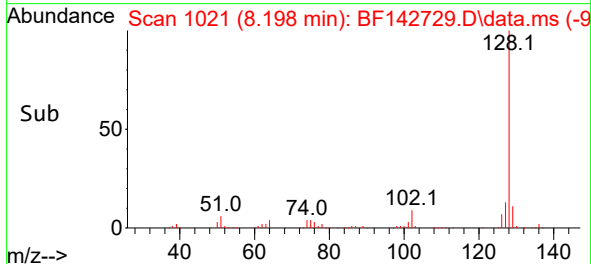
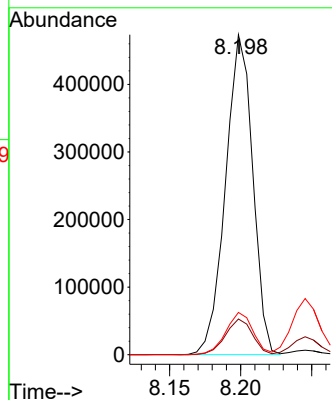
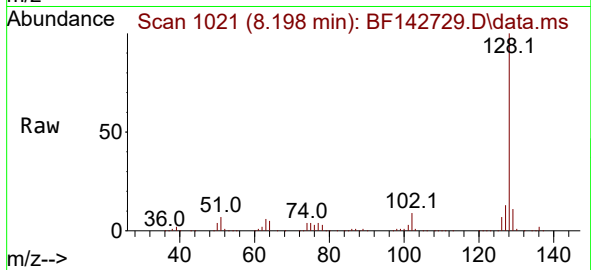
#31
Naphthalene
Concen: 39.024 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Tgt Ion:128 Resp: 63063
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6

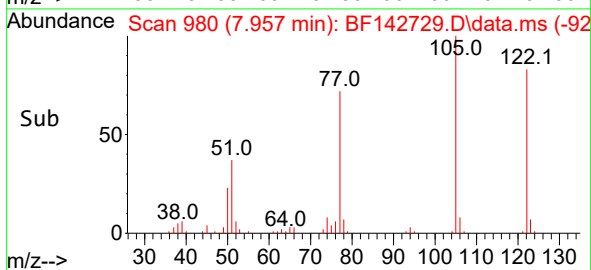
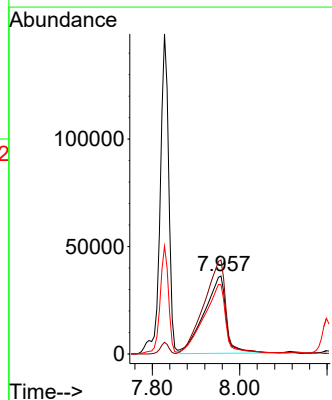
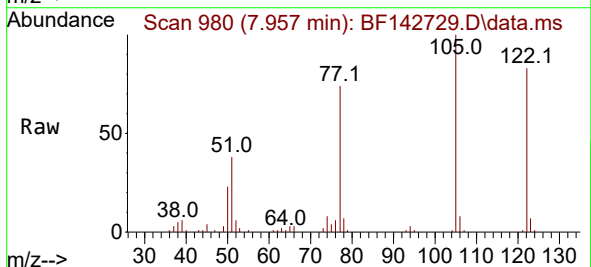
Manual Integrations
APPROVED

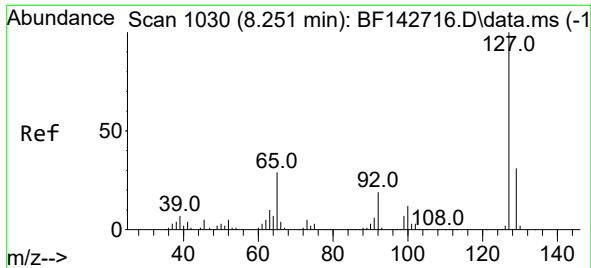
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#32
Benzoic acid
Concen: 44.198 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:122 Resp: 125330
Ion Ratio Lower Upper
122 100
105 120.7 102.6 142.6
77 89.0 68.2 108.2





#33

4-Chloroaniline

Concen: 18.450 ng

RT: 8.245 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

Tgt Ion:127 Resp: 119709

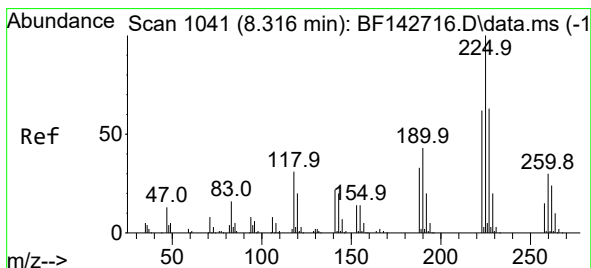
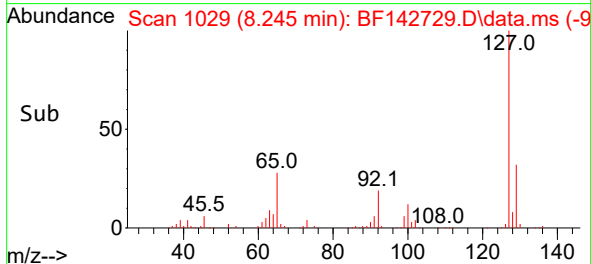
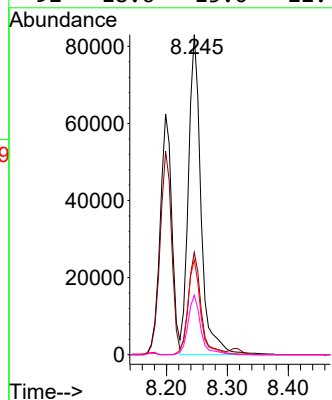
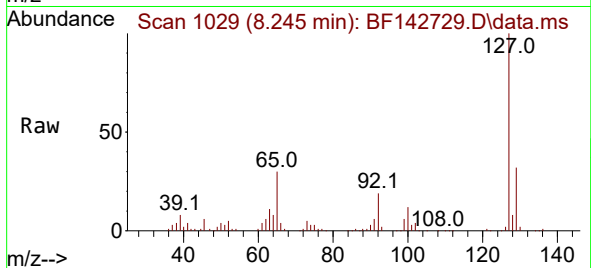
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	29.6	23.0	34.4
92	18.6	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#34

Hexachlorobutadiene

Concen: 38.472 ng

RT: 8.316 min Scan# 1041

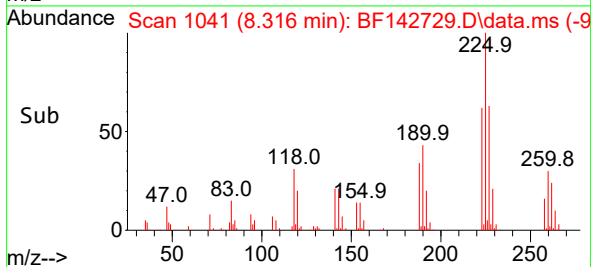
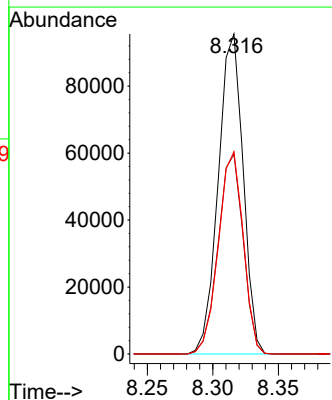
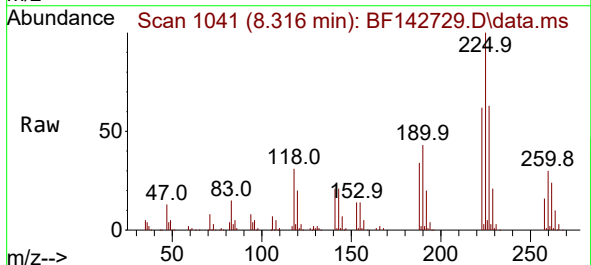
Delta R.T. 0.000 min

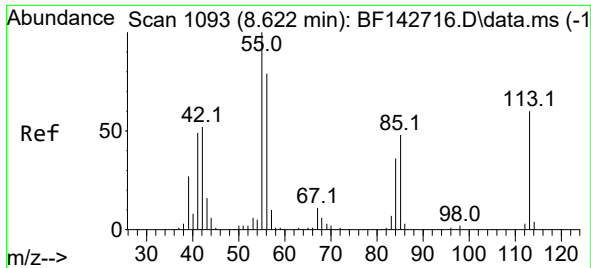
Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Tgt Ion:225 Resp: 125881

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.3	73.9
227	63.3	50.6	75.8





#35
 Caprolactam
 Concen: 43.864 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

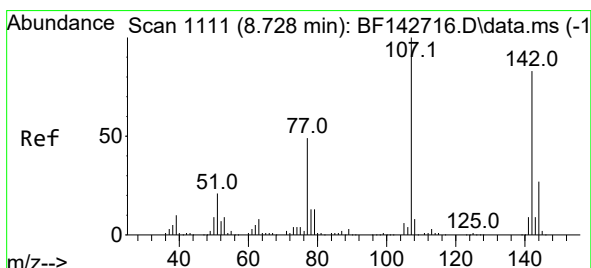
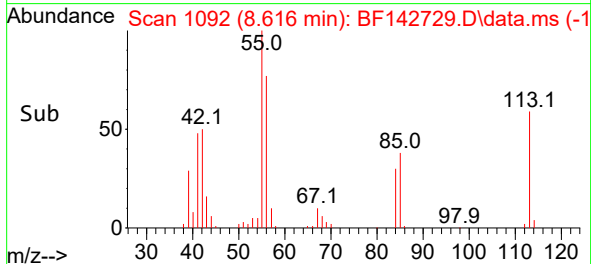
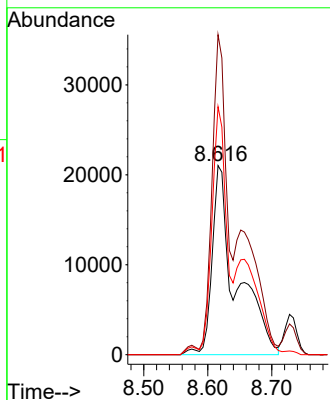
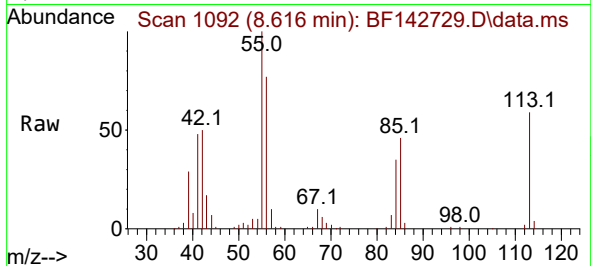
ClientSampleId :

PB168378BS

Tgt Ion:113 Resp: 55019
 Ion Ratio Lower Upper
 113 100
 55 169.2 147.9 187.9
 56 131.1 111.9 151.9

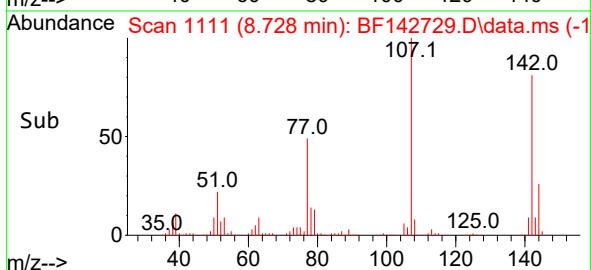
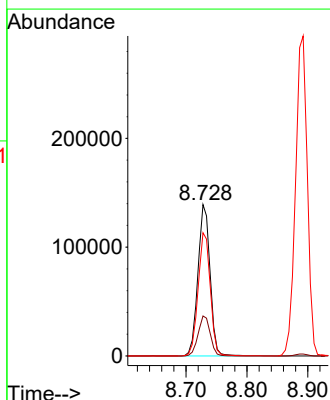
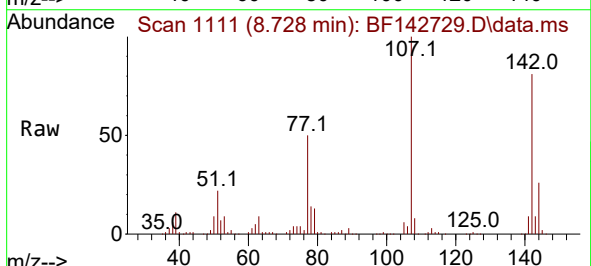
Manual Integrations
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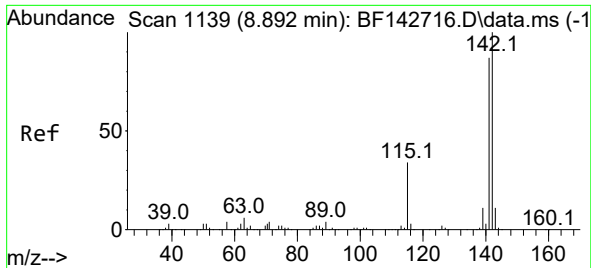
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.013 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19

Tgt Ion:107 Resp: 193328
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 81.4 66.2 99.2





#37
2-Methylnaphthalene
Concen: 38.747 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

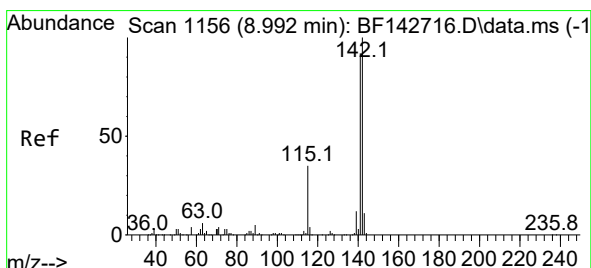
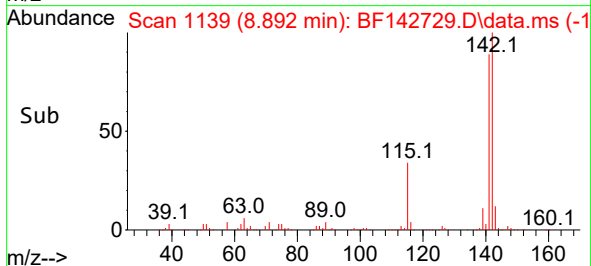
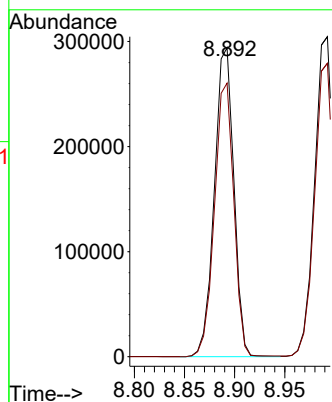
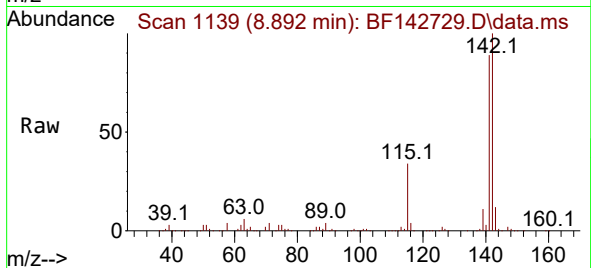
PB168378BS

Tgt Ion:142 Resp: 396320
Ion Ratio Lower Upper
142 100
141 88.5 69.9 104.9

Manual Integrations

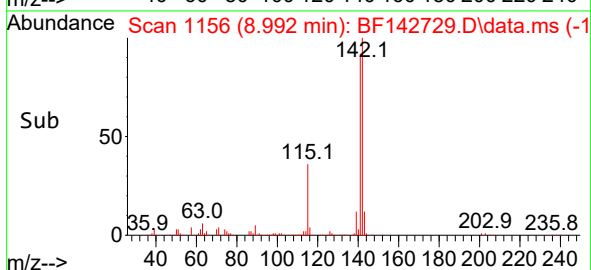
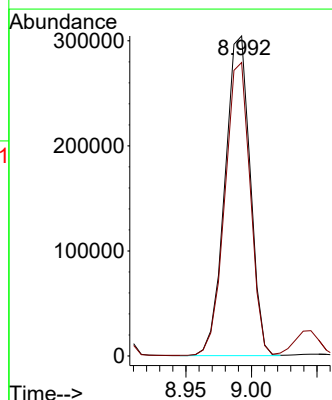
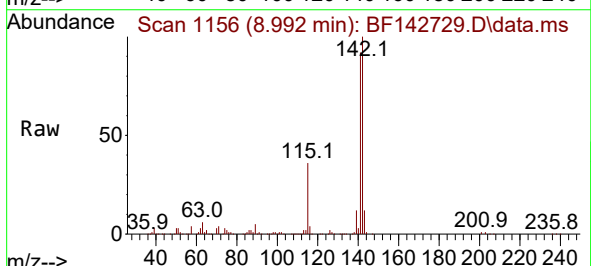
APPROVED

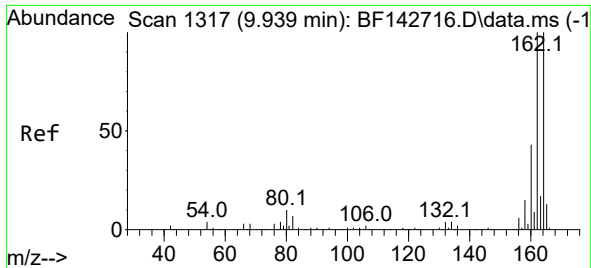
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#38
1-Methylnaphthalene
Concen: 38.524 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:142 Resp: 408200
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142729.D

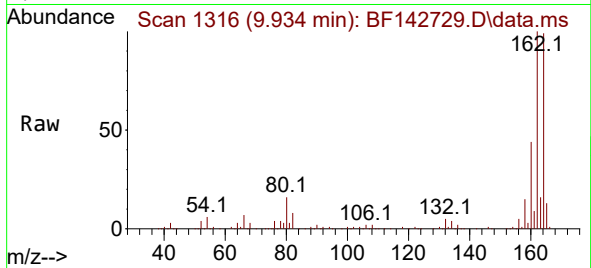
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion:164 Resp: 17943

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

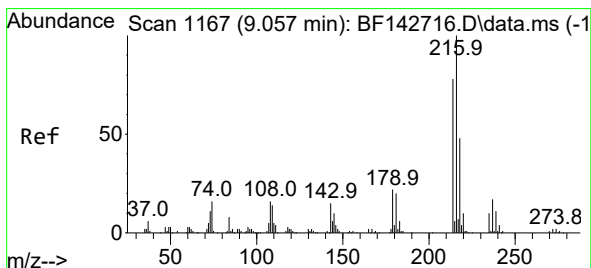
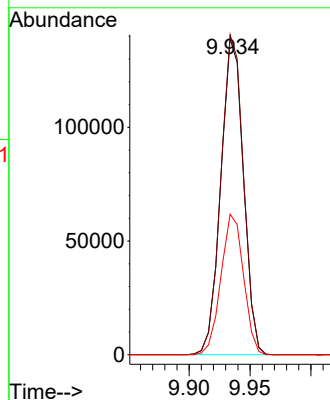
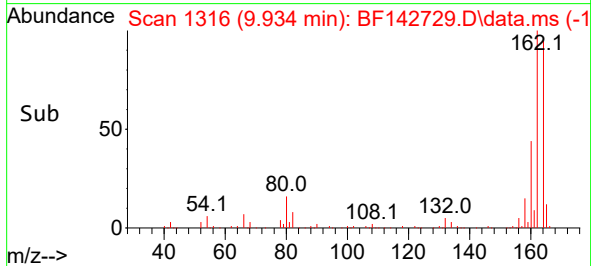
160 44.4 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.574 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Tgt Ion:216 Resp: 205519

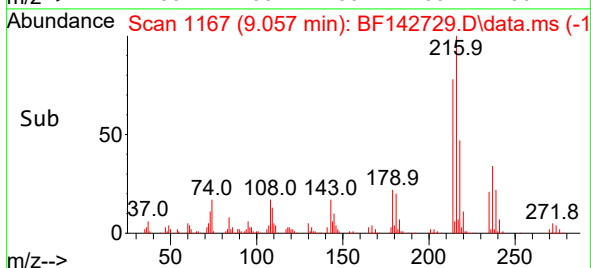
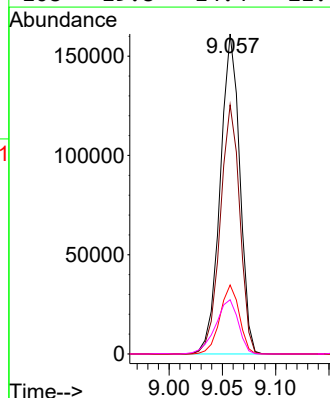
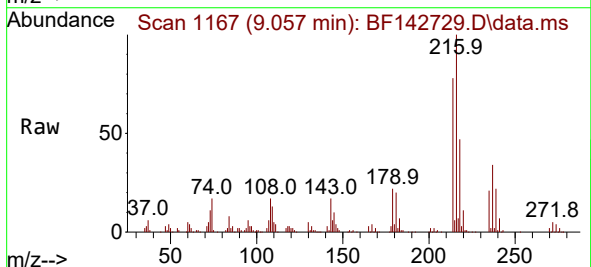
Ion Ratio Lower Upper

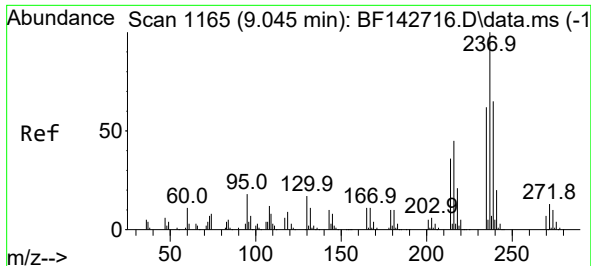
216 100

214 77.5 62.6 94.0

179 21.3 17.1 25.7

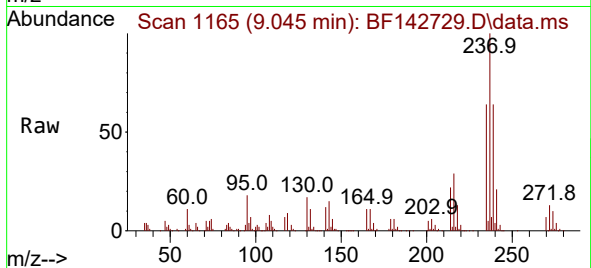
108 19.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 82.946 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

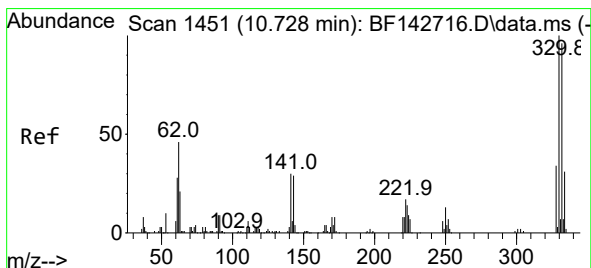
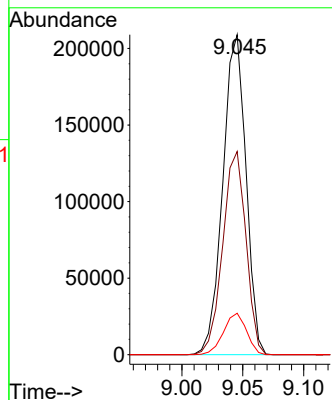
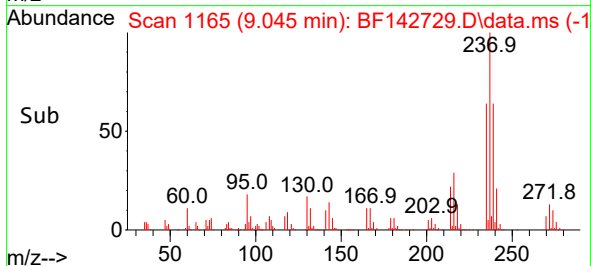
Instrument :
BNA_F
ClientSampleId :
PB168378BS



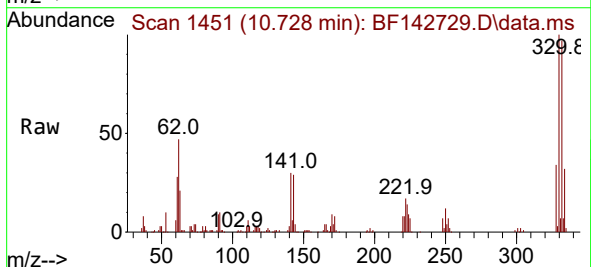
Tgt Ion:237 Resp: 27647
Ion Ratio Lower Upper
237 100
235 63.5 41.9 81.9
272 13.0 0.0 32.5

Manual Integrations
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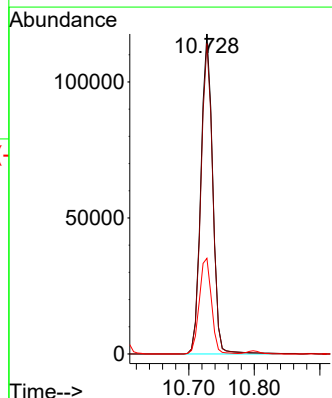
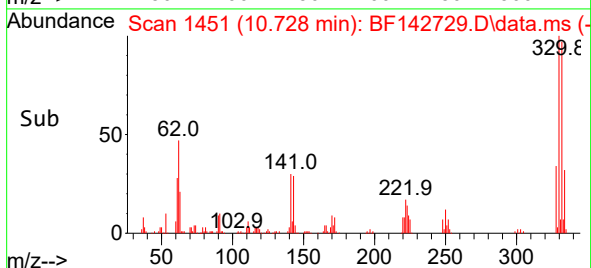
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

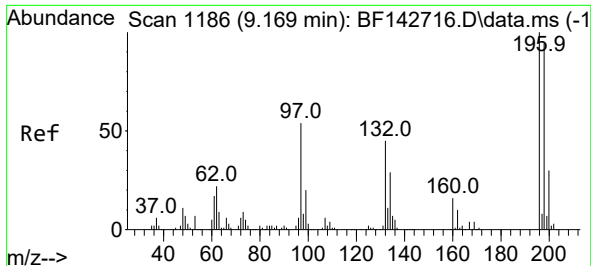


#42
2,4,6-Tribromophenol
Concen: 74.875 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



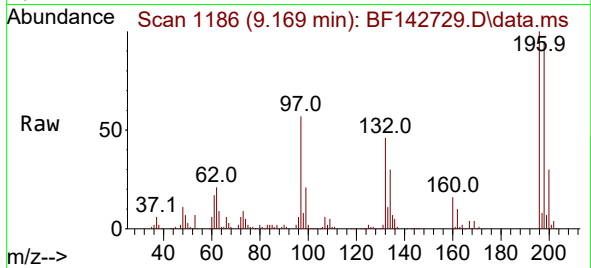
Tgt Ion:330 Resp: 147244
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.0 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 41.927 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

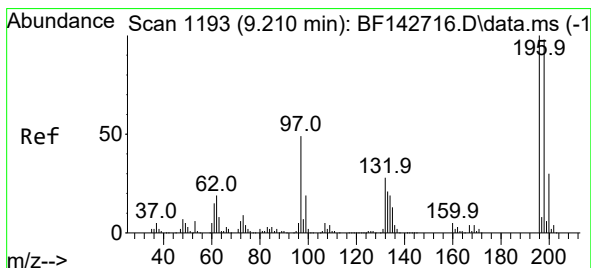
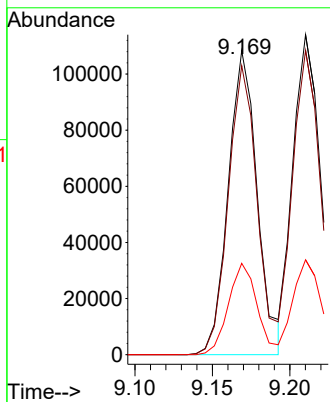
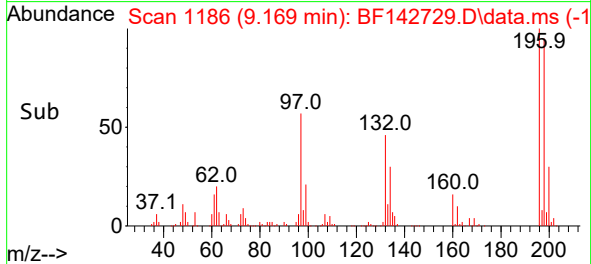
Instrument :
BNA_F
ClientSampleId :
PB168378BS



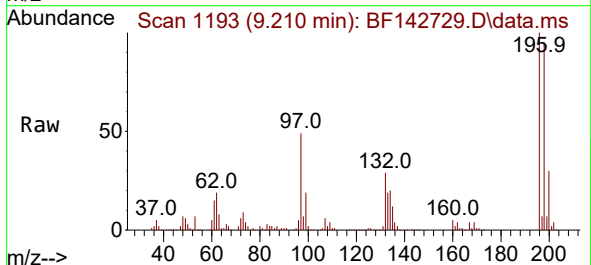
Tgt Ion:196 Resp: 140940
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
200 30.0 23.8 35.8

Manual Integrations
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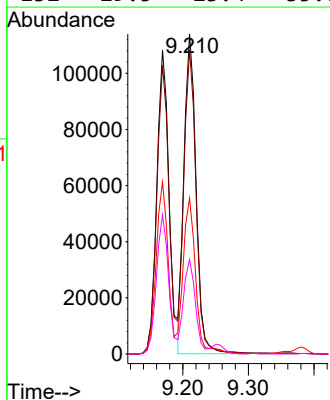
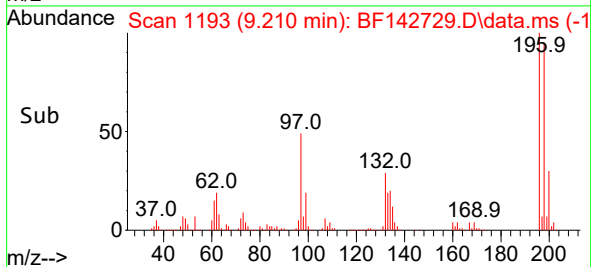
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

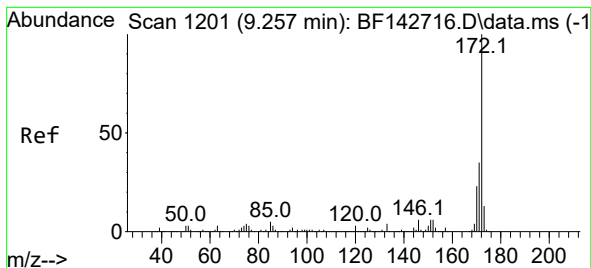


#44
2,4,5-Trichlorophenol
Concen: 40.156 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:196 Resp: 145801
Ion Ratio Lower Upper
196 100
198 95.1 78.2 117.2
97 48.7 38.6 57.8
132 29.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 69.456 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142729.D

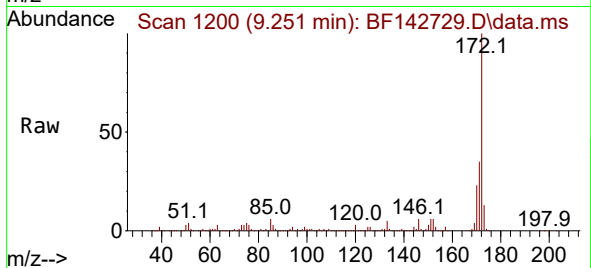
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion:172 Resp: 938054

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

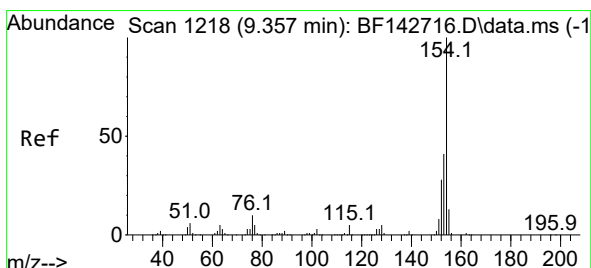
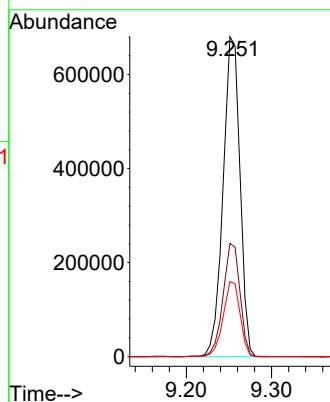
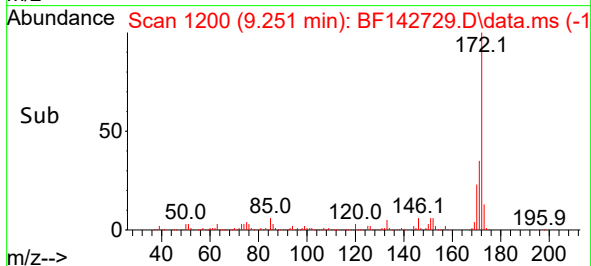
170 23.4 18.6 27.8

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#46

1,1'-Biphenyl

Concen: 39.483 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

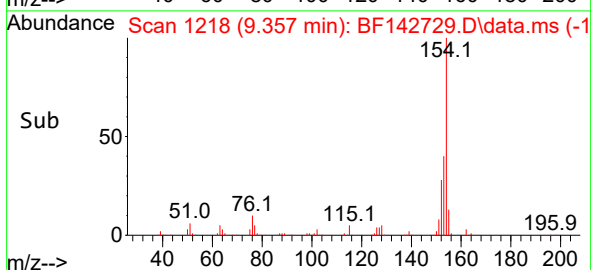
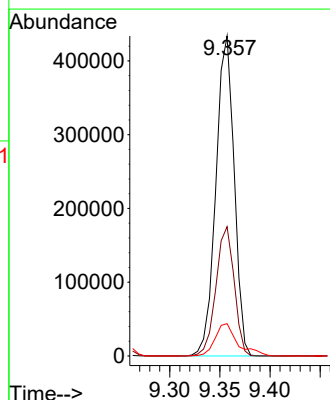
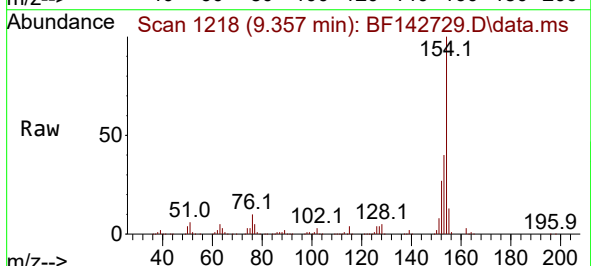
Tgt Ion:154 Resp: 550123

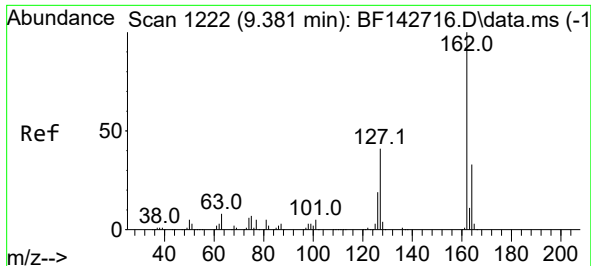
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 10.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 39.583 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

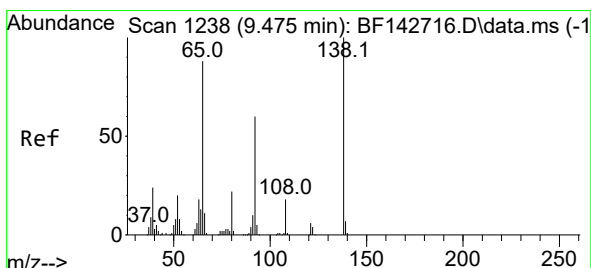
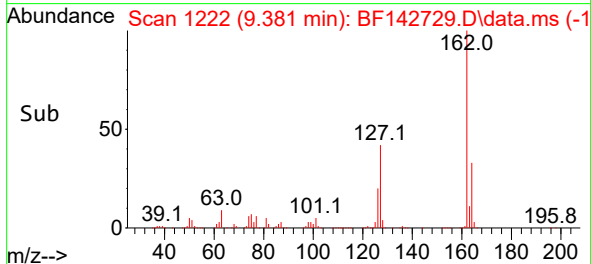
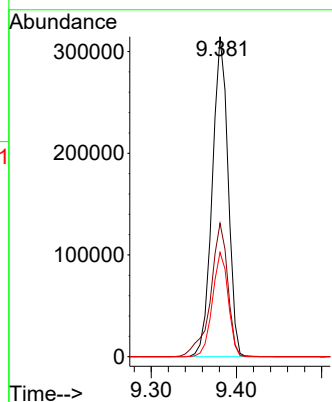
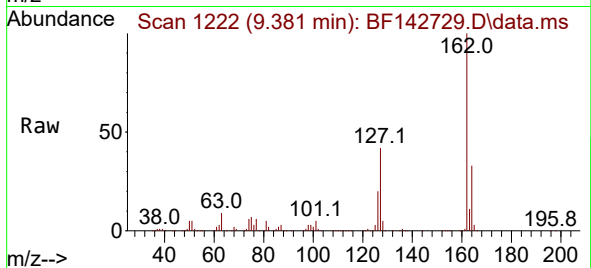
PB168378BS

Tgt Ion:162 Resp: 406310
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.5 50.3
 164 32.6 26.1 39.1

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025



#48

2-Nitroaniline

Concen: 40.217 ng

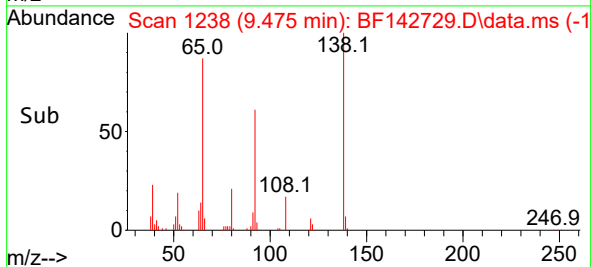
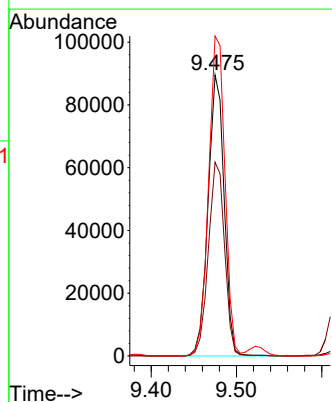
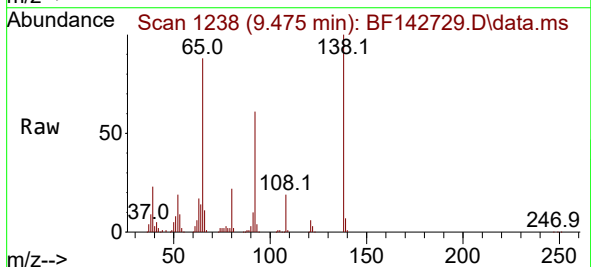
RT: 9.475 min Scan# 1238

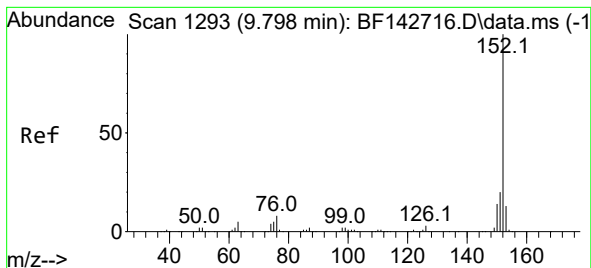
Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Tgt Ion: 65 Resp: 117414
 Ion Ratio Lower Upper
 65 100
 92 69.0 54.5 81.7
 138 113.9 90.6 136.0





#49

Acenaphthylene

Concen: 39.355 ng

RT: 9.798 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF142729.D

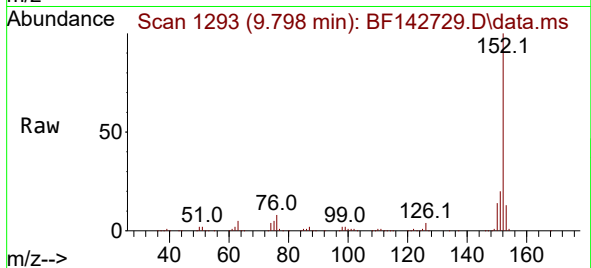
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion:152 Resp: 68115

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

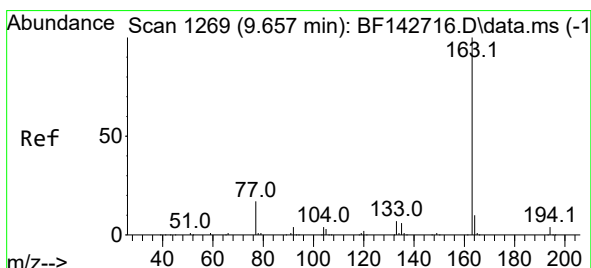
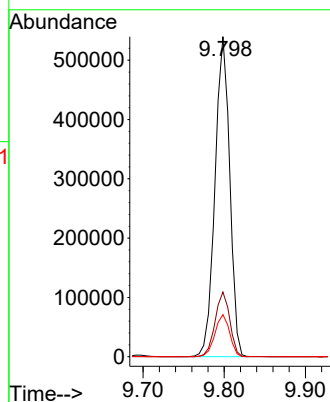
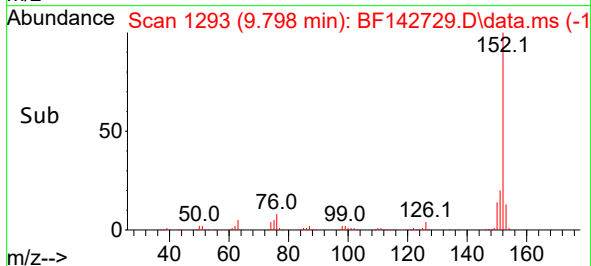
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#50

Dimethylphthalate

Concen: 40.539 ng

RT: 9.657 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

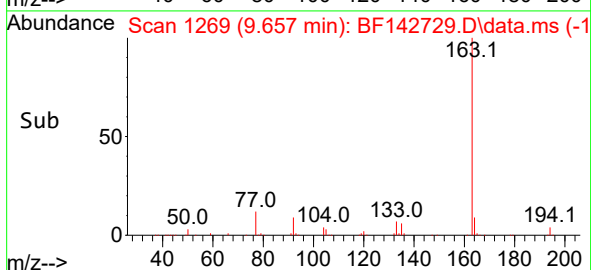
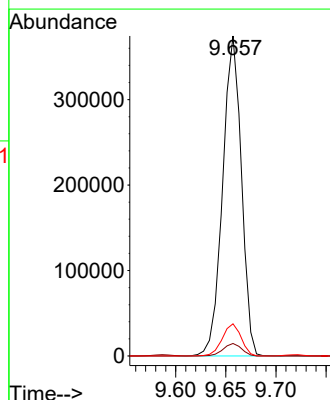
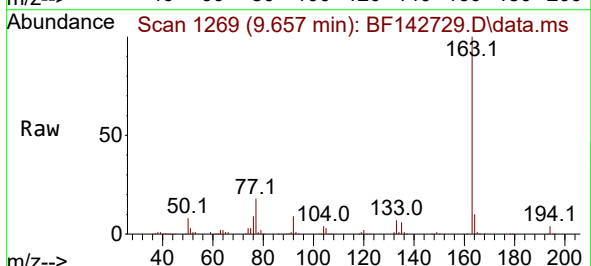
Tgt Ion:163 Resp: 485742

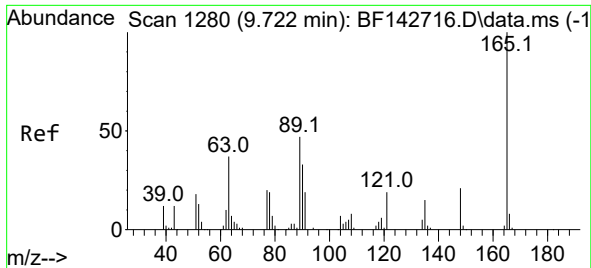
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 40.450 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

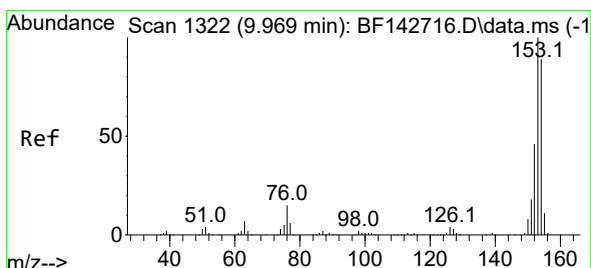
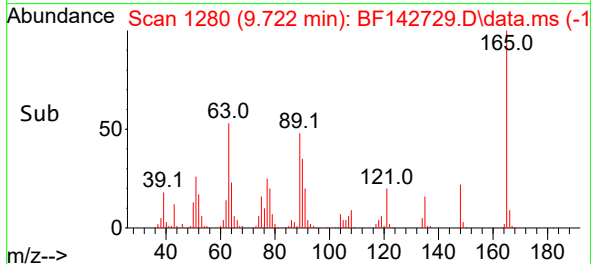
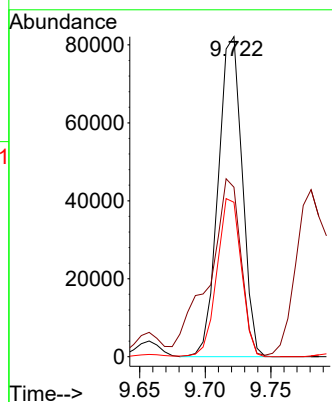
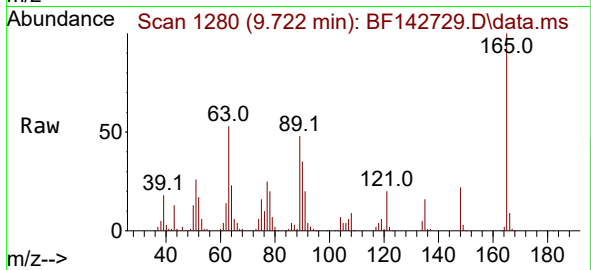
PB168378BS

Tgt Ion:165 Resp: 104752
Ion Ratio Lower Upper
165 100
63 53.0 40.6 60.8
89 48.3 37.6 56.4

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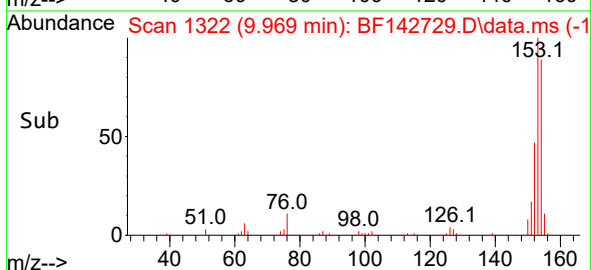
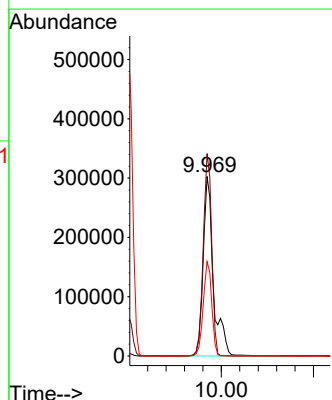
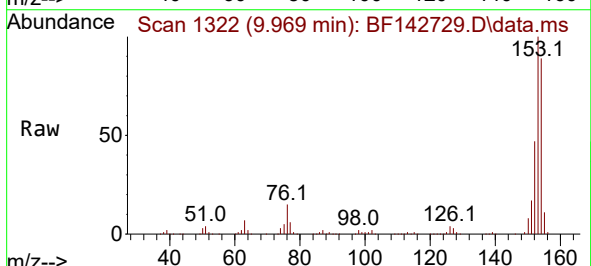
APPROVED

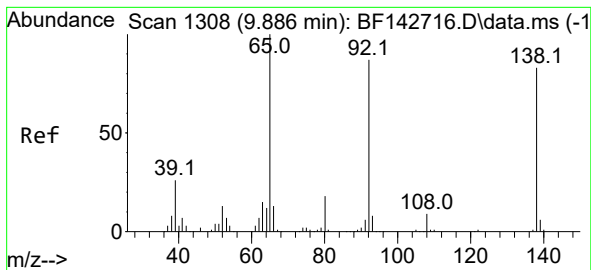
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#52
Acenaphthene
Concen: 44.007 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:154 Resp: 472242
Ion Ratio Lower Upper
154 100
153 112.8 90.1 135.1
152 52.6 41.9 62.9





#53
3-Nitroaniline
Concen: 25.491 ng
RT: 9.887 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

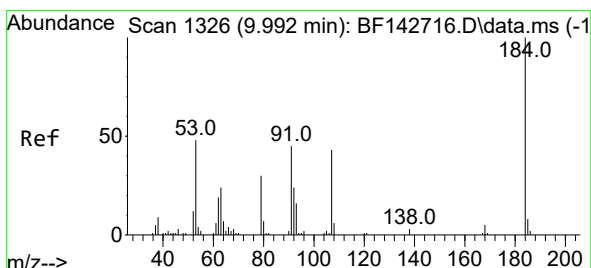
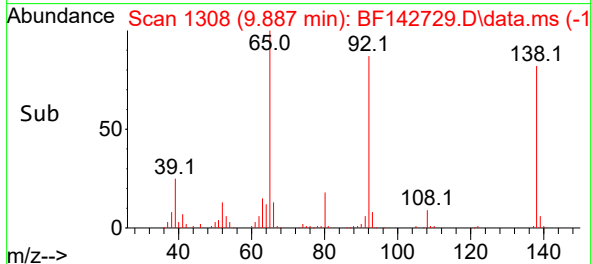
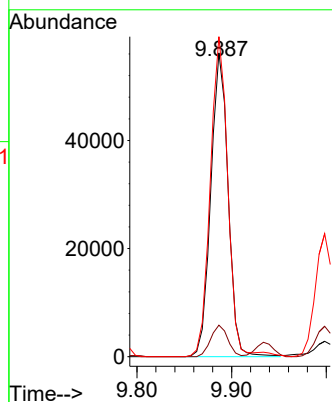
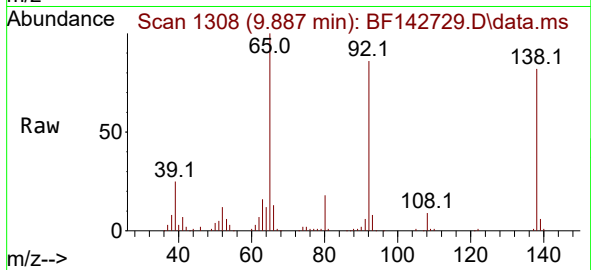
PB168378BS

Tgt Ion:138 Resp: 7160
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 105.3 84.6 127.0

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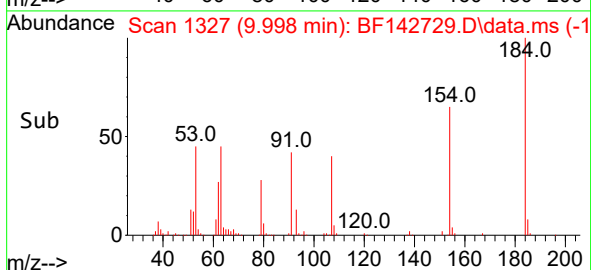
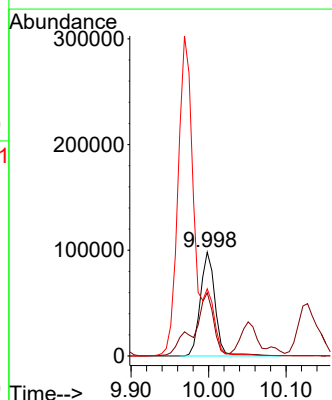
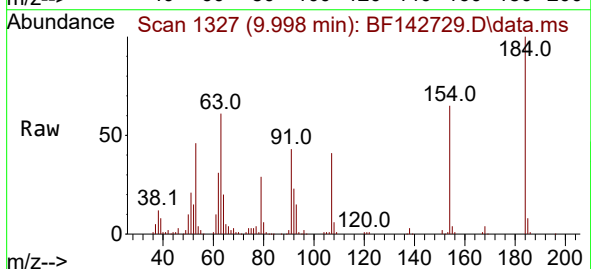
APPROVED

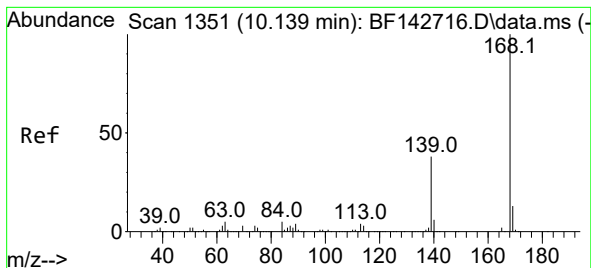
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#54
2,4-Dinitrophenol
Concen: 91.963 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Tgt Ion:184 Resp: 130454
Ion Ratio Lower Upper
184 100
63 60.9 51.7 77.5
154 64.7 60.1 90.1





#55

Dibenzofuran

Concen: 39.429 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

Tgt Ion:168 Resp: 602519

Ion Ratio Lower Upper

168 100

139 38.1 30.9 46.3

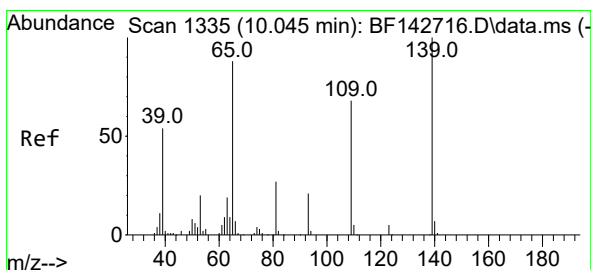
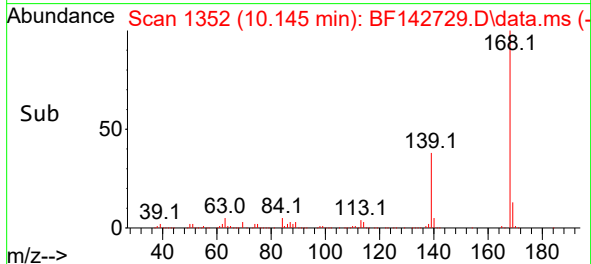
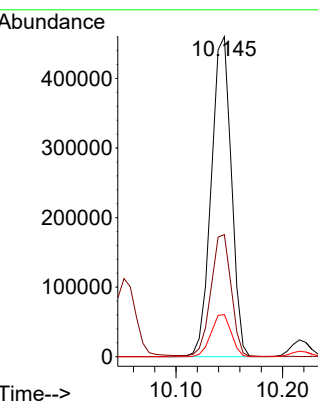
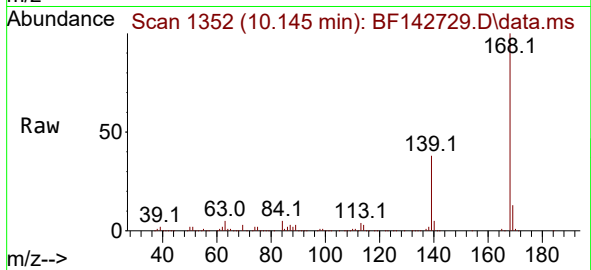
169 13.1 10.8 16.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#56

4-Nitrophenol

Concen: 84.311 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

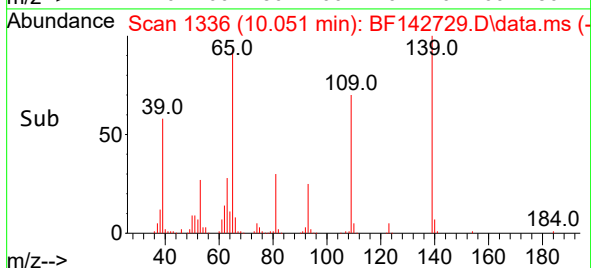
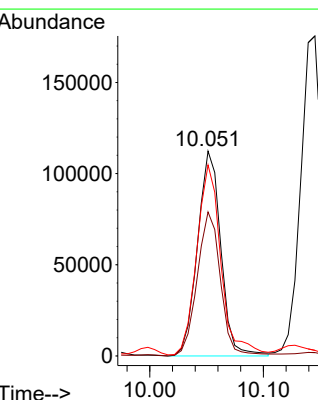
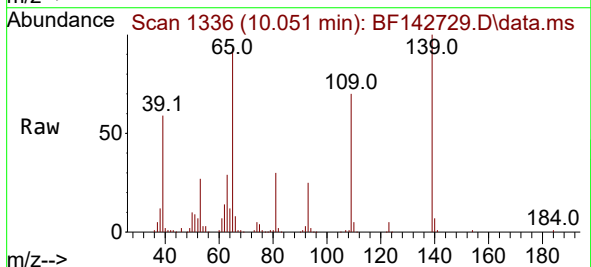
Tgt Ion:139 Resp: 160615

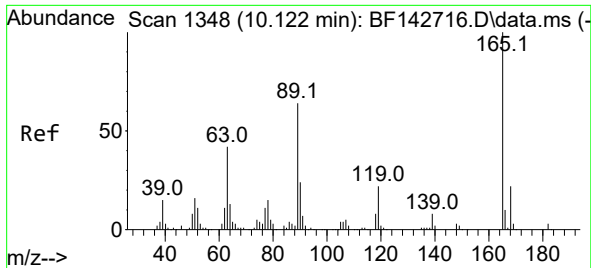
Ion Ratio Lower Upper

139 100

109 70.4 47.5 87.5

65 93.3 69.2 109.2





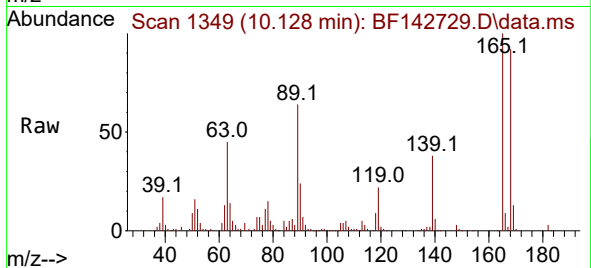
#57
2,4-Dinitrotoluene
Concen: 41.882 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

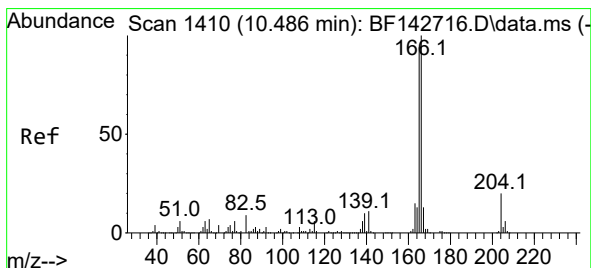
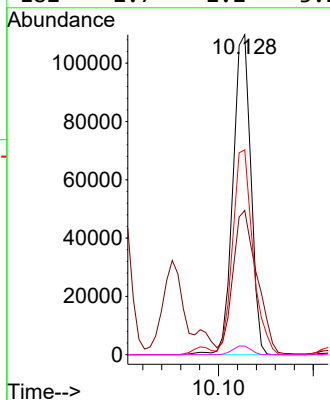
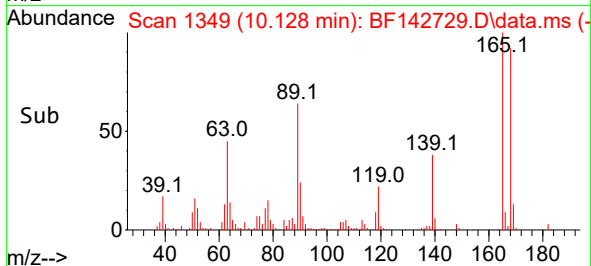


Tgt Ion:165 Resp: 14340
Ion Ratio Lower Upper
165 100
63 45.0 34.1 51.1
89 64.0 50.8 76.2
182 2.7 2.2 3.2

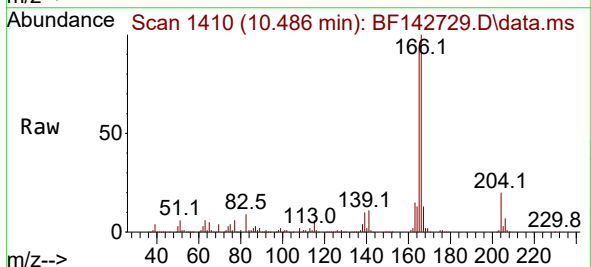
Manual Integrations

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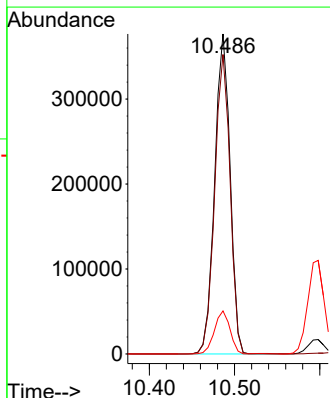
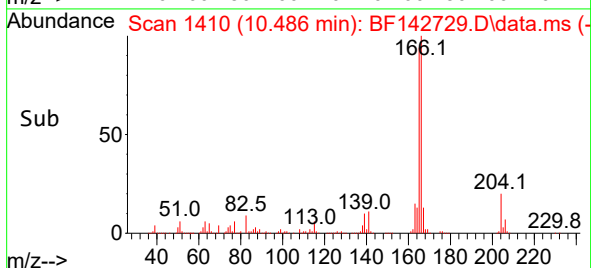
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

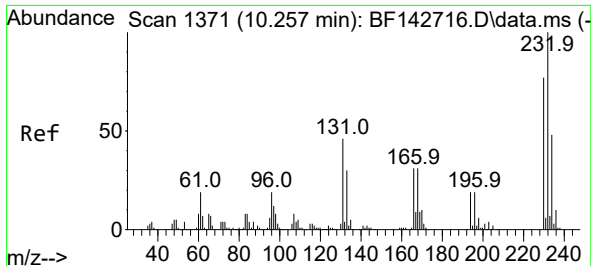


#58
Fluorene
Concen: 39.164 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



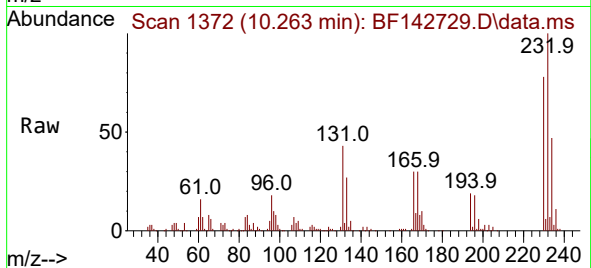
Tgt Ion:166 Resp: 472606
Ion Ratio Lower Upper
166 100
165 93.6 74.9 112.3
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.178 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

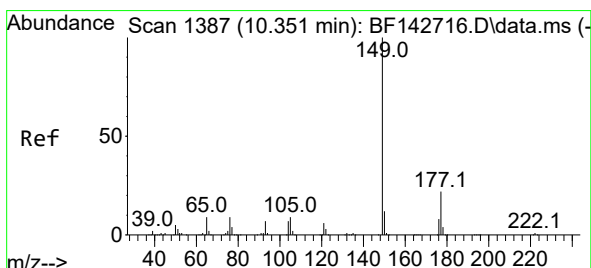
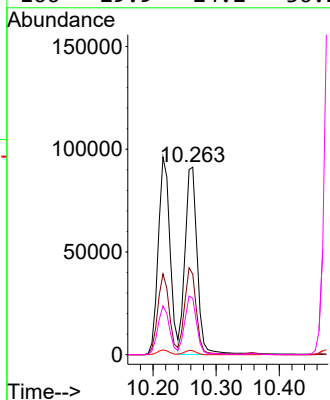
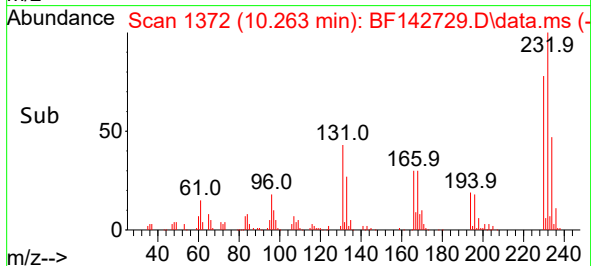
Instrument :
BNA_F
ClientSampleId :
PB168378BS



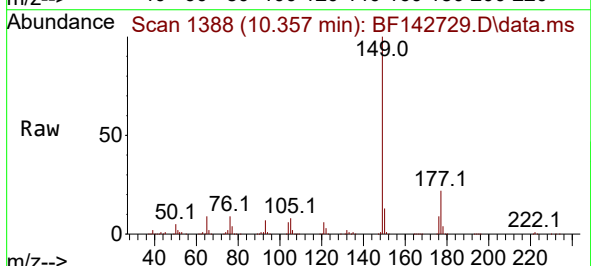
Tgt Ion:232 Resp: 12273
Ion Ratio Lower Upper
232 100
131 44.9 35.8 53.8
130 2.2 1.8 2.6
166 29.9 24.2 36.2

Manual Integrations
APPROVED

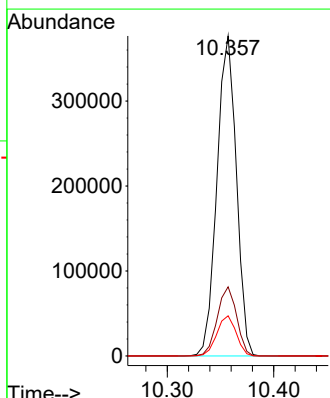
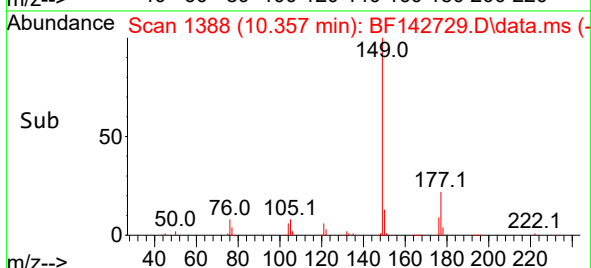
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

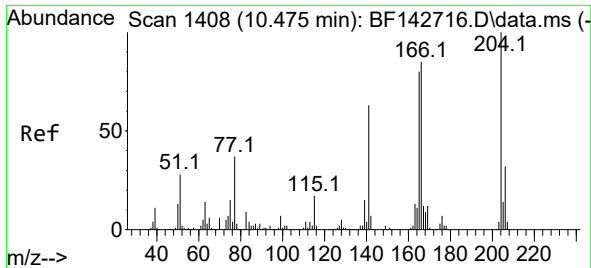


#60
Diethylphthalate
Concen: 40.029 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



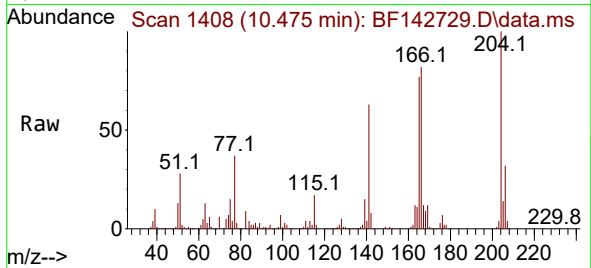
Tgt Ion:149 Resp: 475595
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.230 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

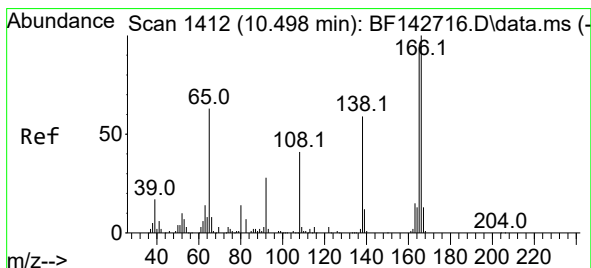
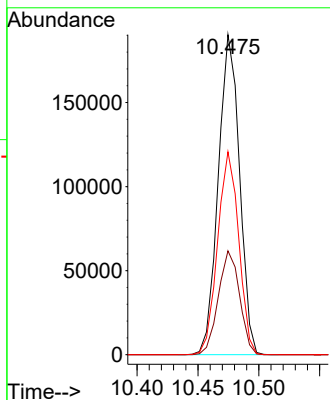
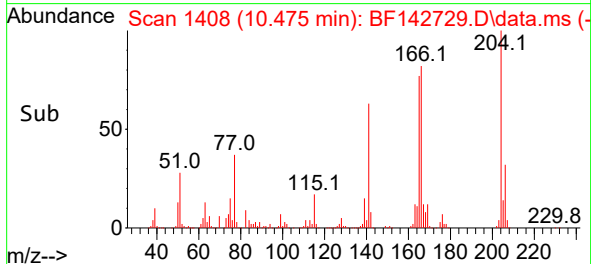
Instrument :
BNA_F
ClientSampleId :
PB168378BS



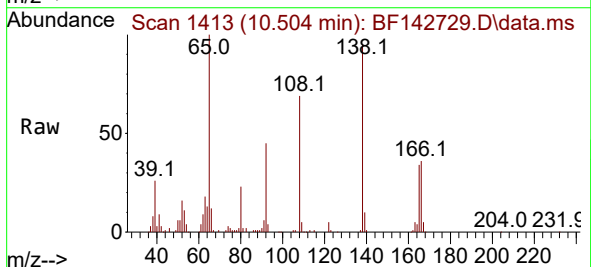
Tgt Ion:204 Resp: 23119
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.4 50.2 75.4

Manual Integrations
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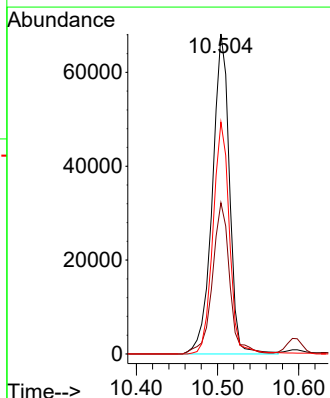
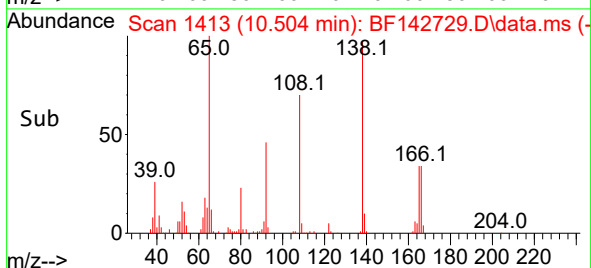
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

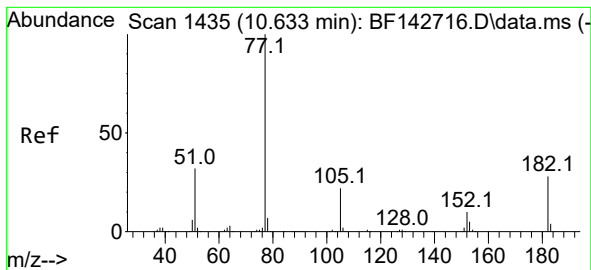


#62
4-Nitroaniline
Concen: 39.718 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



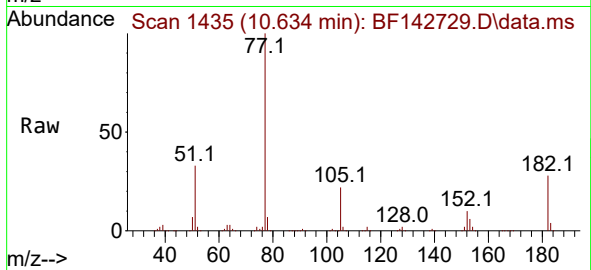
Tgt Ion:138 Resp: 99805
Ion Ratio Lower Upper
138 100
92 47.3 27.2 67.2
108 72.5 49.9 89.9





#63
Azobenzene
Concen: 39.751 ng
RT: 10.634 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

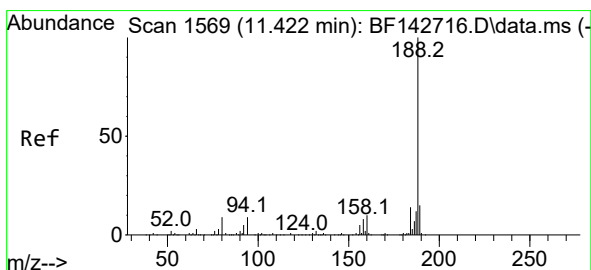
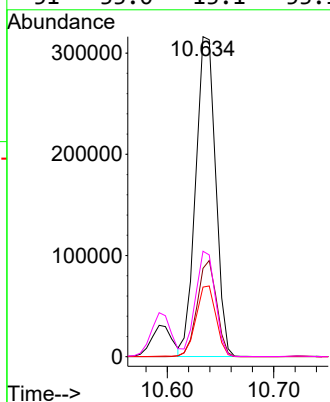
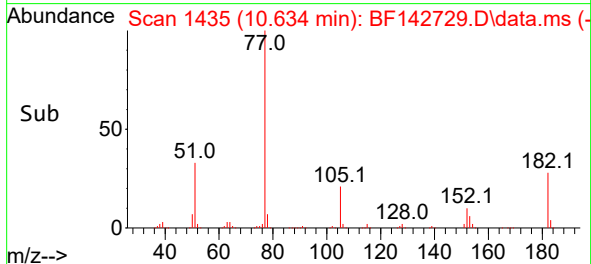
Instrument :
BNA_F
ClientSampleId :
PB168378BS



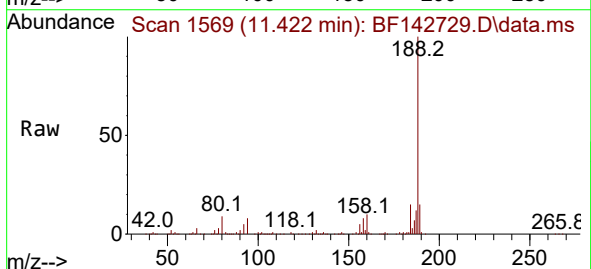
Tgt Ion: 77 Resp: 412480
Ion Ratio Lower Upper
77 100
182 27.6 7.8 47.8
105 21.8 1.9 41.9
51 33.0 13.1 53.1

Manual Integrations
APPROVED

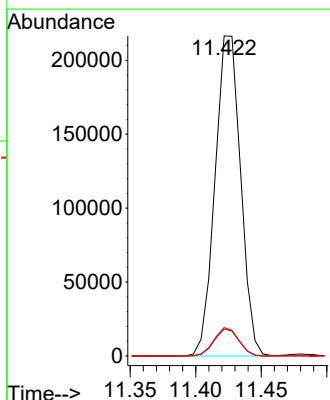
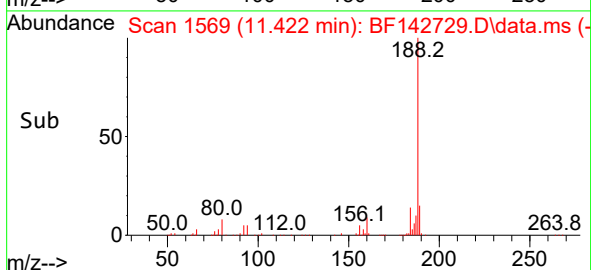
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

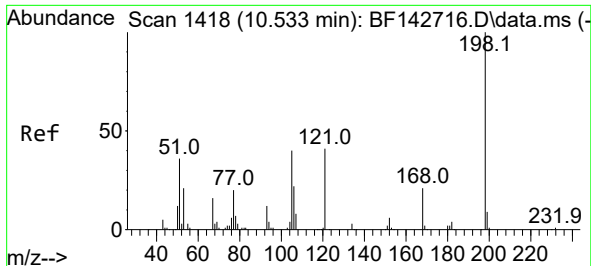


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:188 Resp: 293869
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.9 7.1 10.7





#65
4,6-Dinitro-2-methylphenol
Concen: 44.078 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

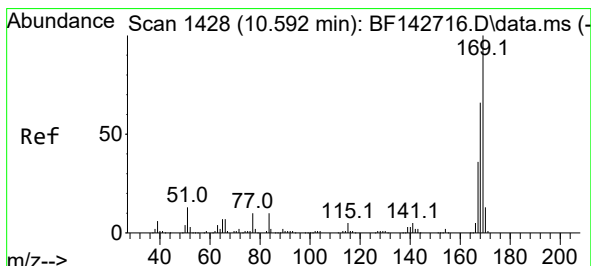
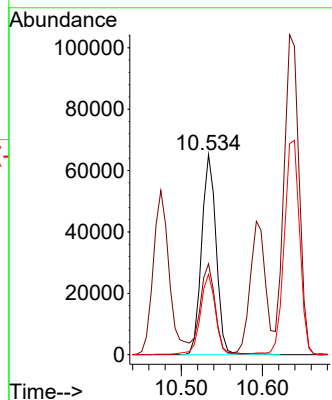
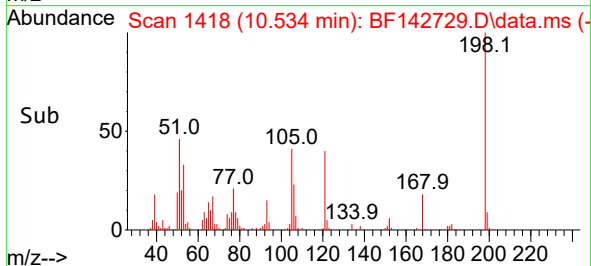
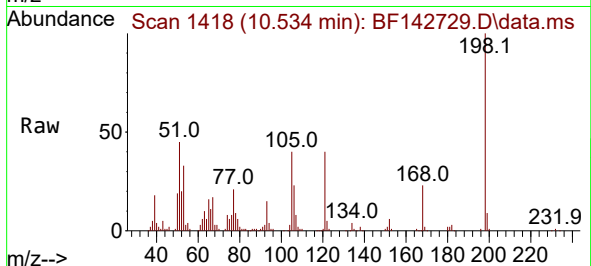
ClientSampleId :

PB168378BS

Tgt Ion:198 Resp: 81111
Ion Ratio Lower Upper
198 100
51 45.5 25.5 65.5
105 40.3 21.1 61.1

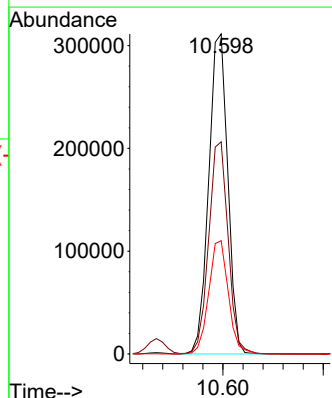
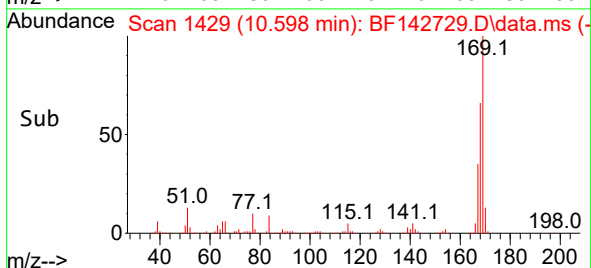
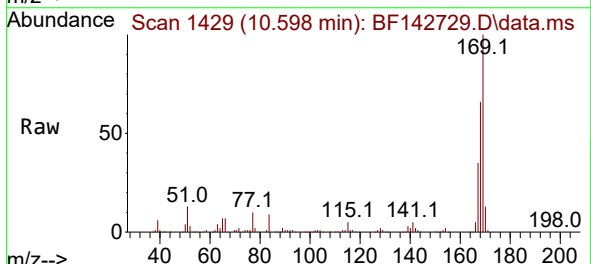
Manual Integrations
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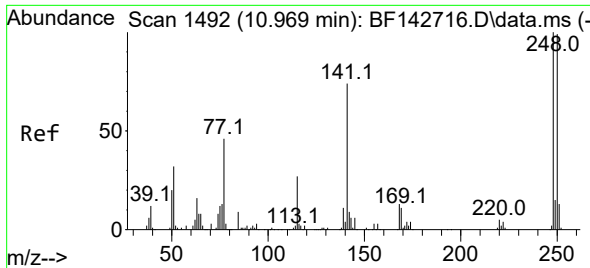
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#66
n-Nitrosodiphenylamine
Concen: 40.686 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

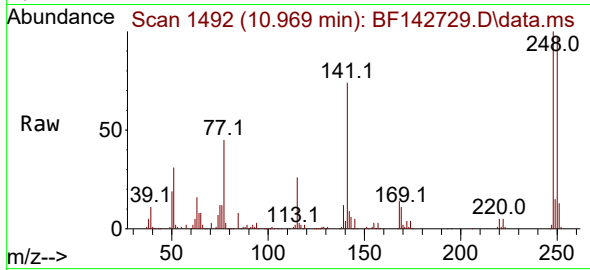
Tgt Ion:169 Resp: 410986
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 35.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.687 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

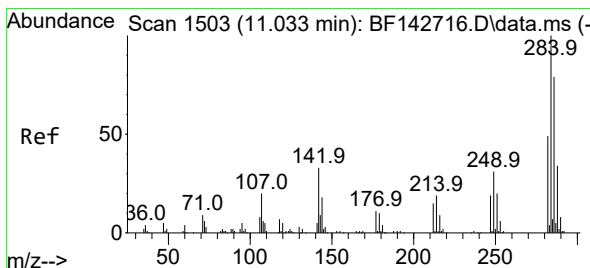
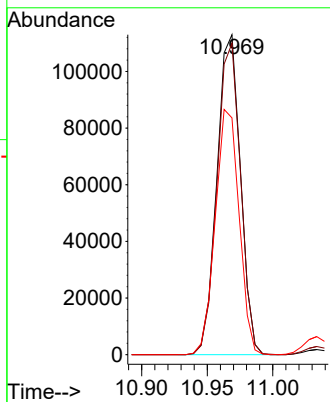
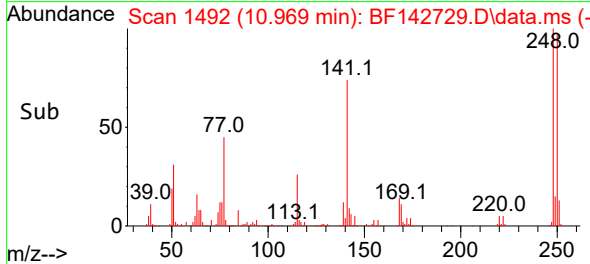
Instrument :
BNA_F
ClientSampleId :
PB168378BS



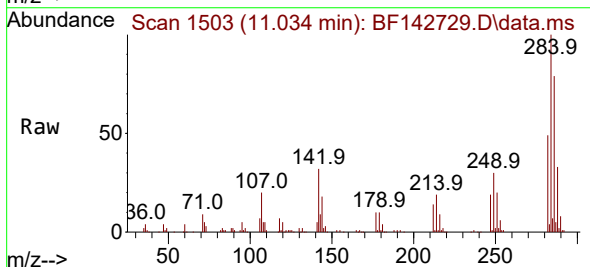
Tgt Ion:248 Resp: 141130
Ion Ratio Lower Upper
248 100
250 97.3 79.2 118.8
141 74.0 59.3 88.9

Manual Integrations
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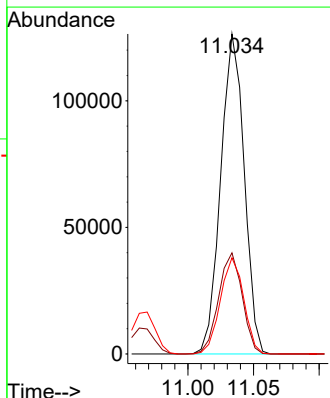
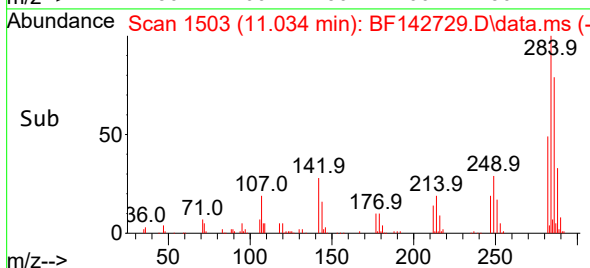
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

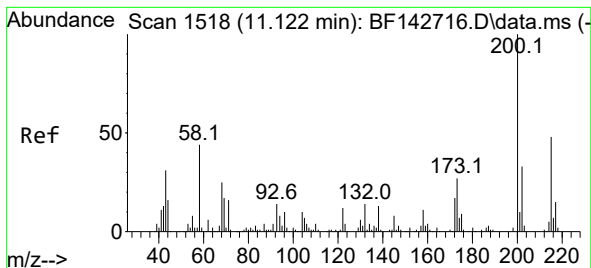


#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.034 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:284 Resp: 157543
Ion Ratio Lower Upper
284 100
142 31.6 26.0 39.0
249 30.0 24.6 37.0





#69

Atrazine

Concen: 44.358 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

Tgt Ion:200 Resp: 11946

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

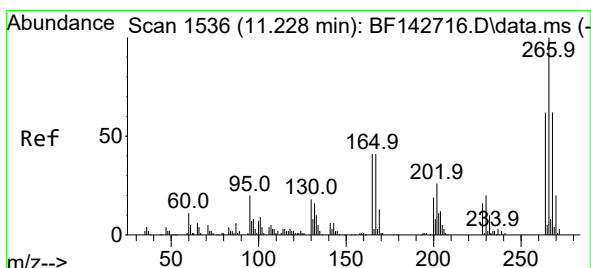
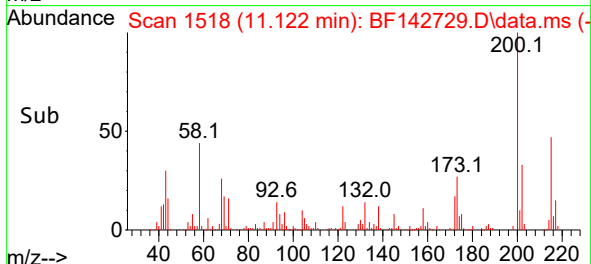
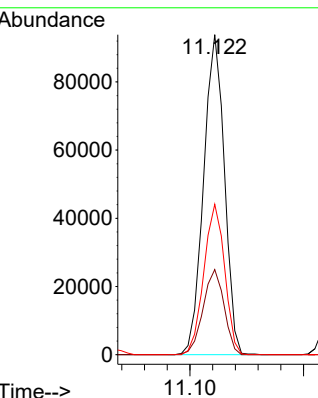
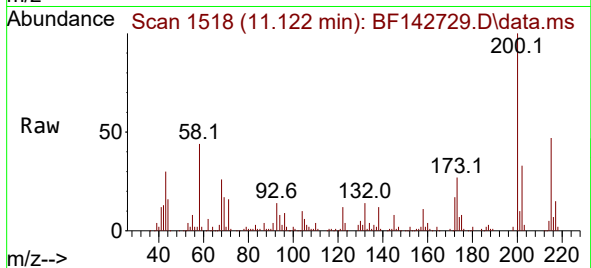
215 47.0 28.2 68.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 83.365 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF142729.D

Acq: 11 Jun 2025 12:19

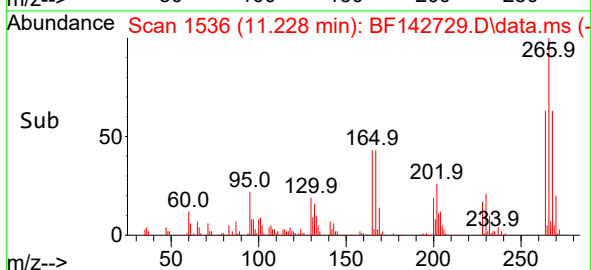
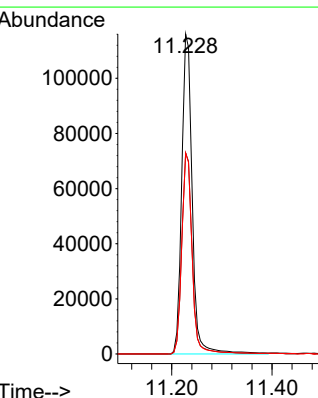
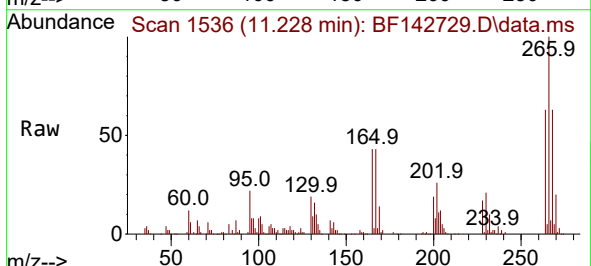
Tgt Ion:266 Resp: 168261

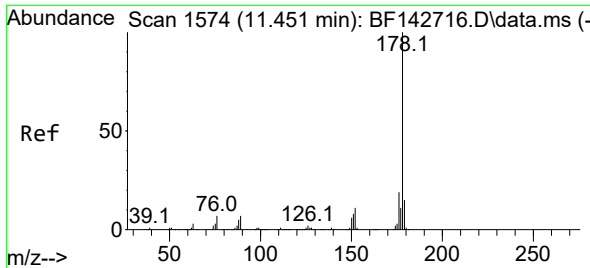
Ion Ratio Lower Upper

266 100

268 62.8 49.6 74.4

264 62.8 49.5 74.3





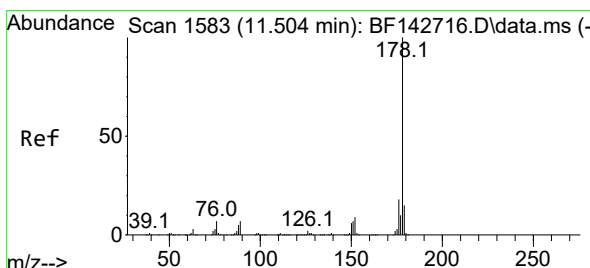
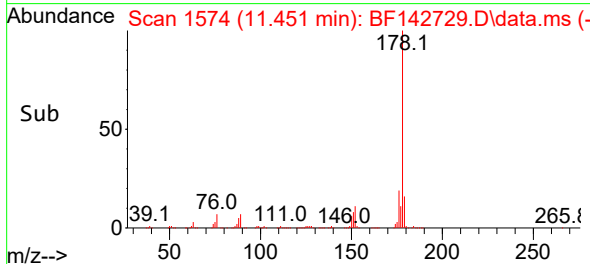
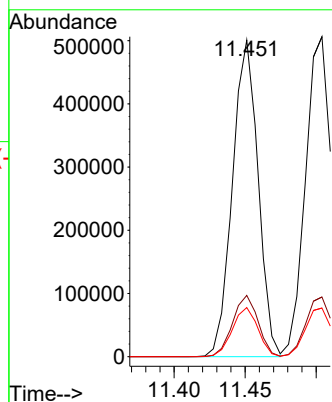
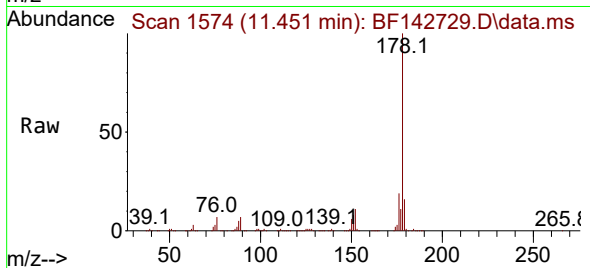
#71
Phenanthrene
Concen: 39.974 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Tgt Ion:178 Resp: 62933
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4

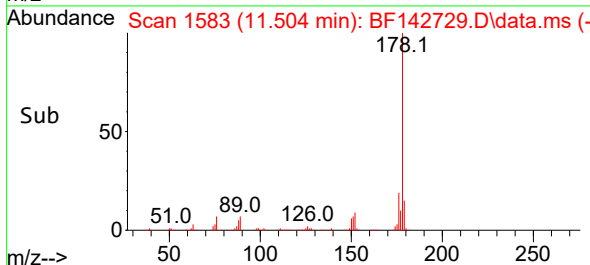
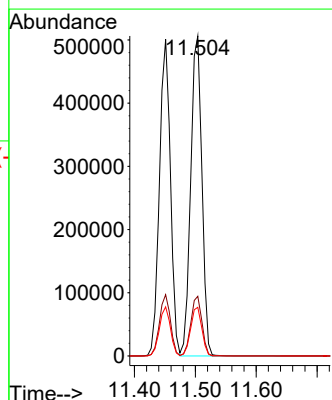
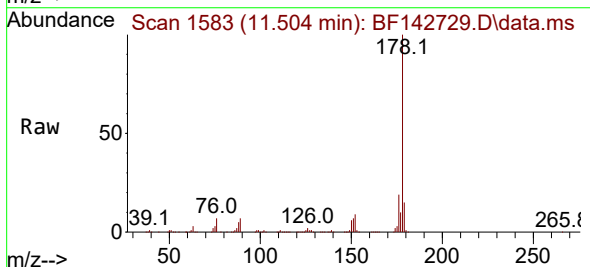
Manual Integrations
APPROVED

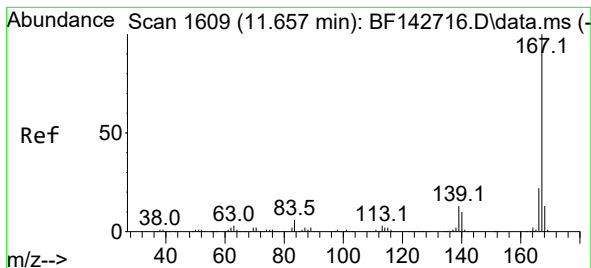
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#72
Anthracene
Concen: 39.803 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

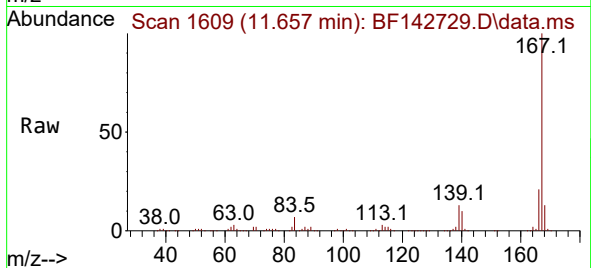
Tgt Ion:178 Resp: 648250
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 40.483 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19

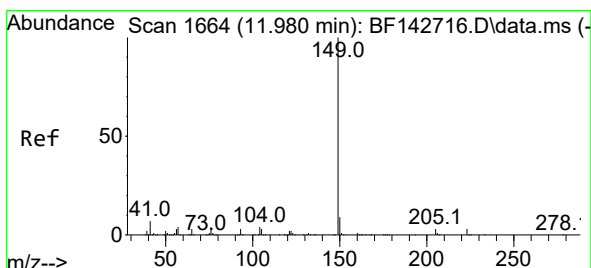
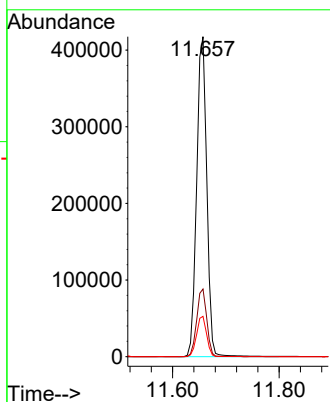
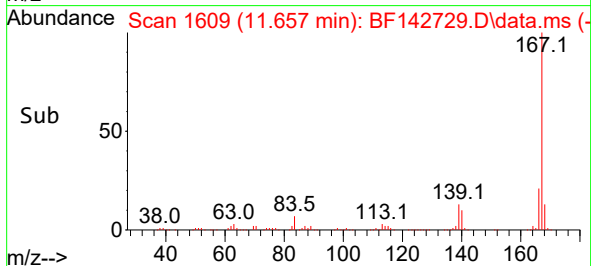
Instrument :
 BNA_F
 ClientSampleId :
 PB168378BS



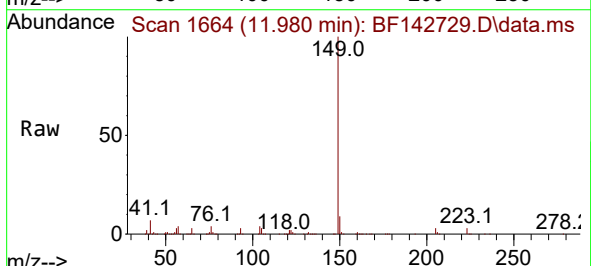
Tgt Ion:167 Resp: 55195
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.6 10.2 15.4

Manual Integrations
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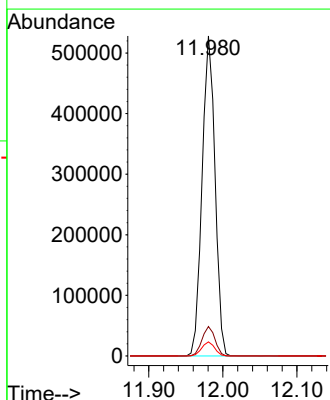
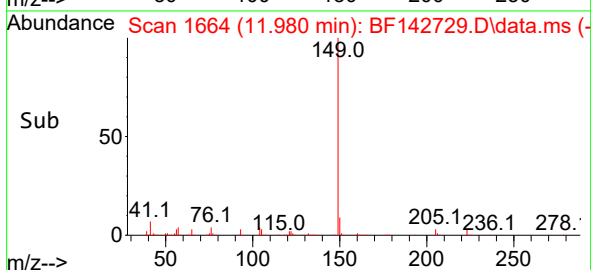
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

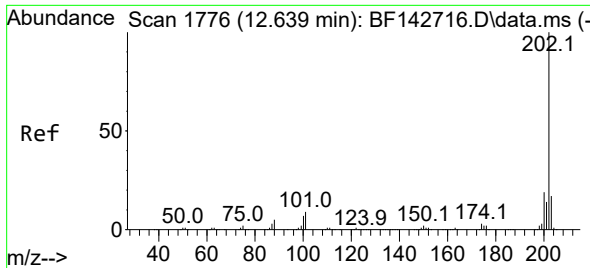


#74
 Di-n-butylphthalate
 Concen: 42.065 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19



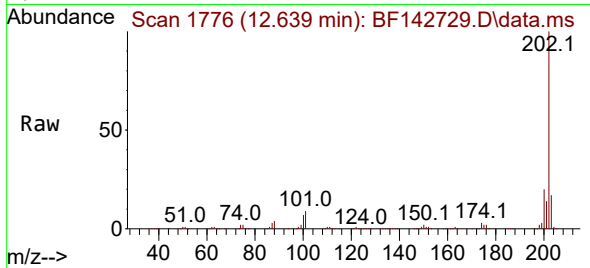
Tgt Ion:149 Resp: 640419
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.4 3.4 5.2





#75
Fluoranthene
Concen: 39.329 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

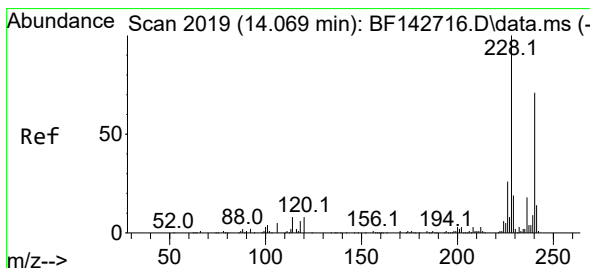
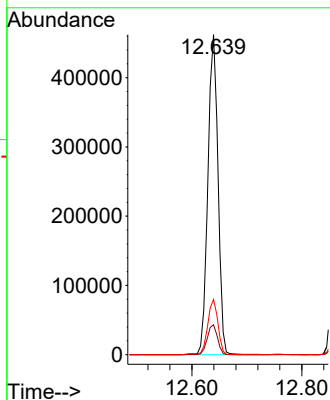
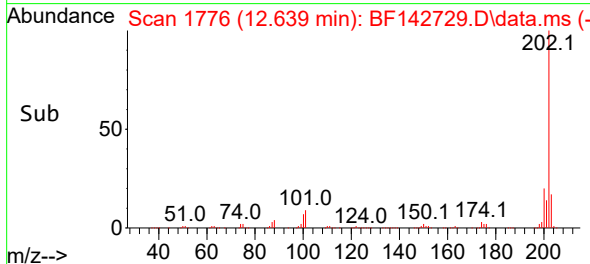
Instrument :
BNA_F
ClientSampleId :
PB168378BS



Tgt Ion:202 Resp: 58878
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.5
203 17.2 0.0 37.0

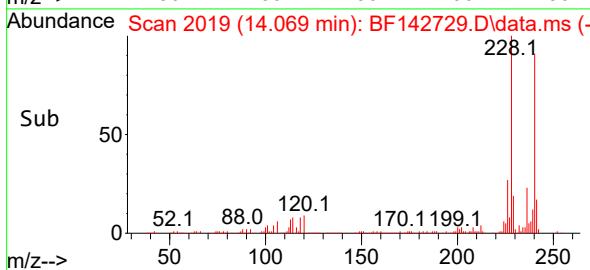
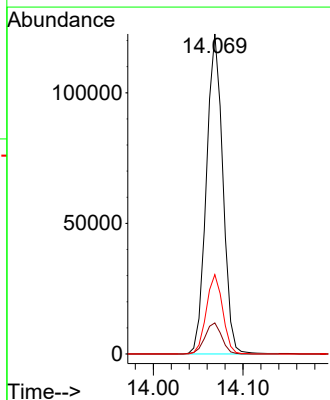
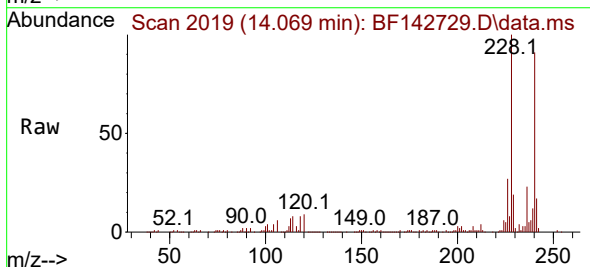
Manual Integrations
APPROVED

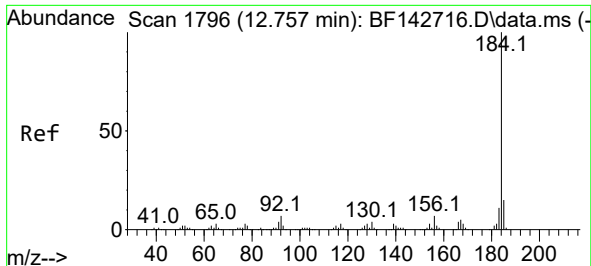
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

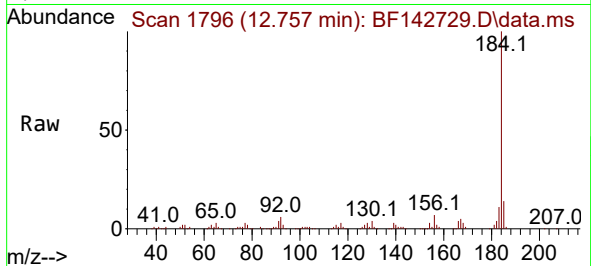
Tgt Ion:240 Resp: 155674
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 24.8 20.1 30.1





#77
Benzidine
Concen: 30.693 ng
RT: 12.757 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

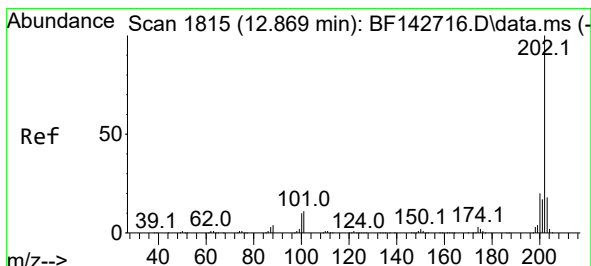
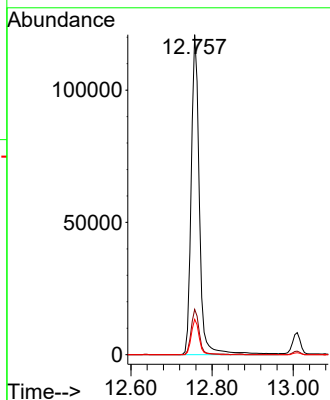
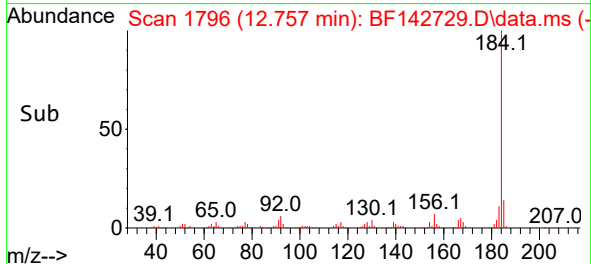
Instrument :
BNA_F
ClientSampleId :
PB168378BS



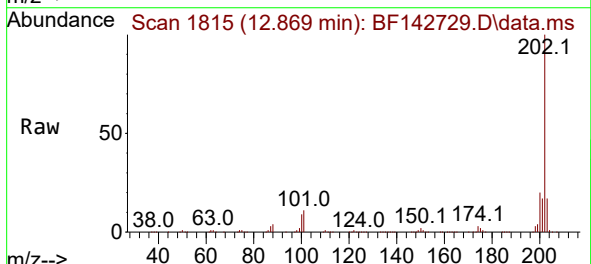
Tgt Ion:184 Resp: 17016
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.6 12.8

Manual Integrations
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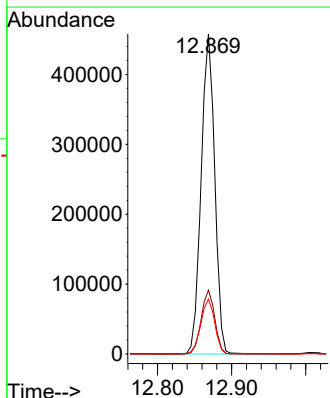
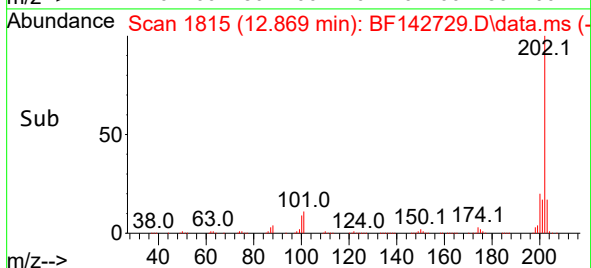
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

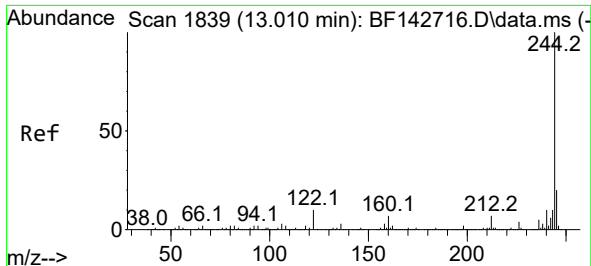


#78
Pyrene
Concen: 40.305 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:202 Resp: 583089
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 71.402 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

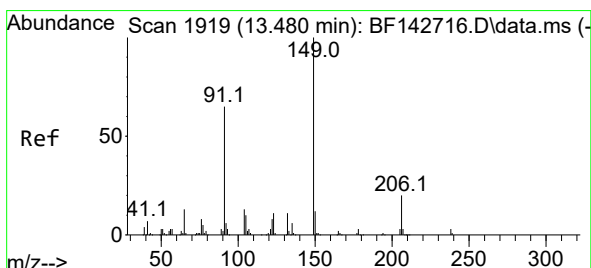
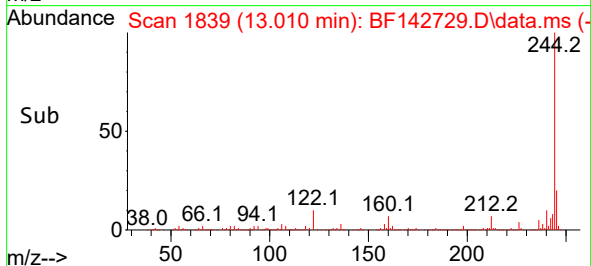
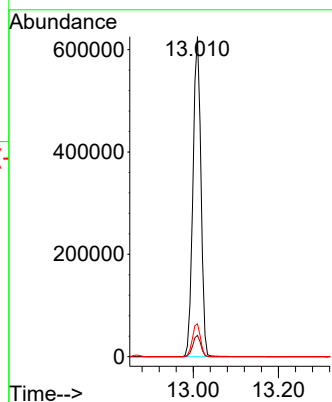
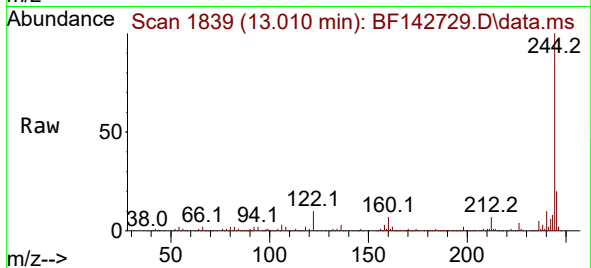
PB168378BS

Tgt Ion:244 Resp: 809308
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.3 8.3 12.5

Manual Integrations

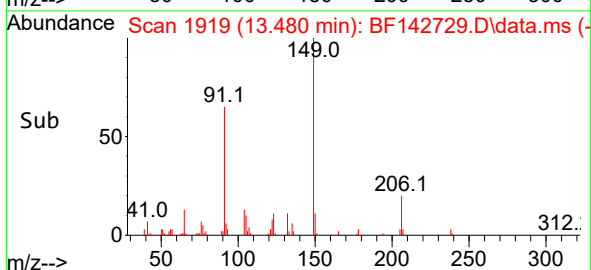
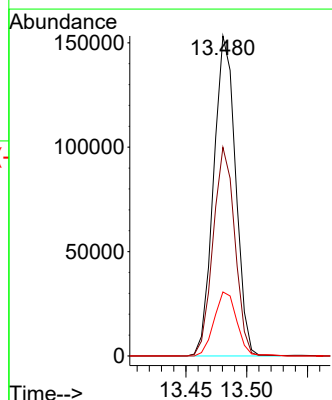
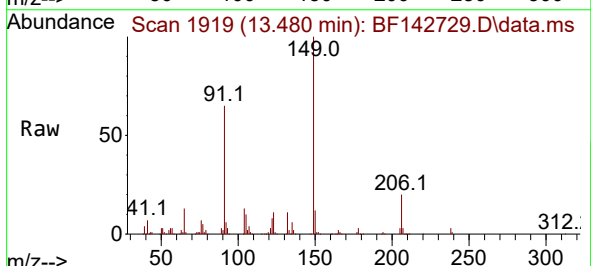
APPROVED

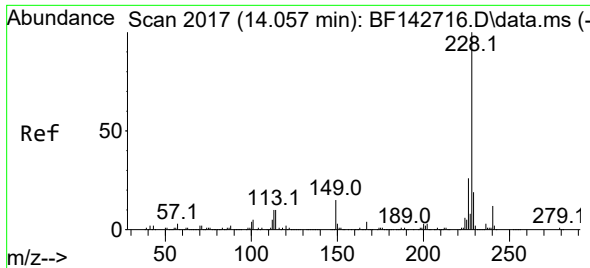
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025



#80
 Butylbenzylphthalate
 Concen: 45.051 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF142729.D
 Acq: 11 Jun 2025 12:19

Tgt Ion:149 Resp: 192730
 Ion Ratio Lower Upper
 149 100
 91 65.2 52.3 78.5
 206 20.0 16.0 24.0





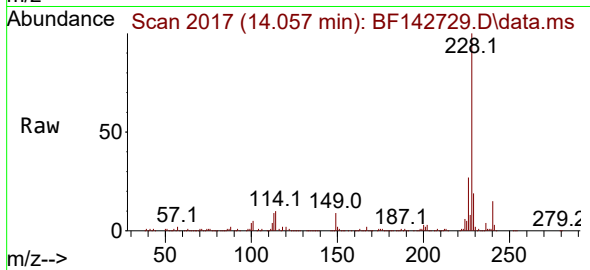
#81
Benzo(a)anthracene
Concen: 40.954 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

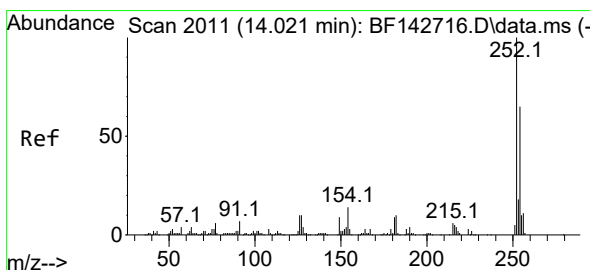
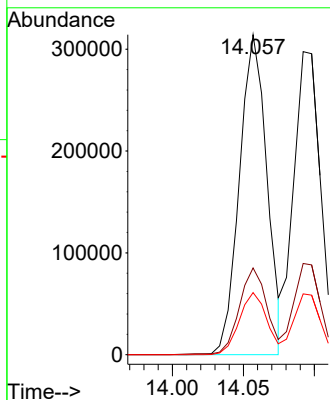
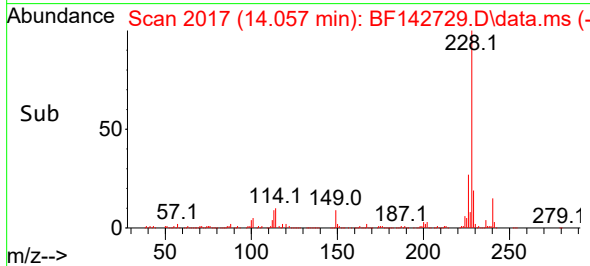


Tgt Ion:228 Resp: 422475
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 19.4 15.5 23.3

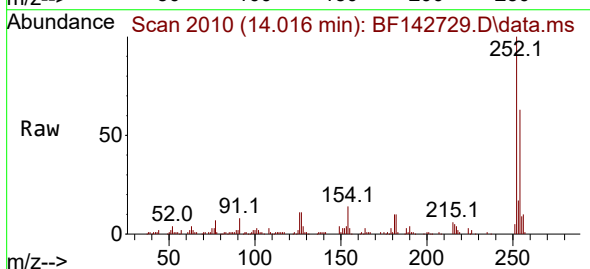
Manual Integrations

APPROVED

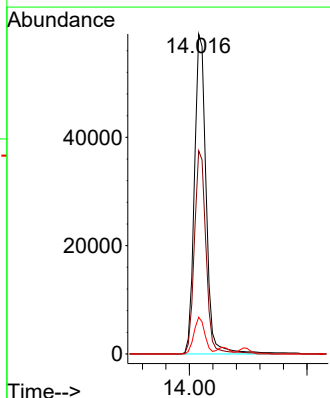
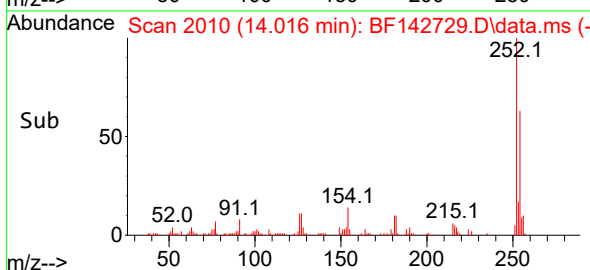
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

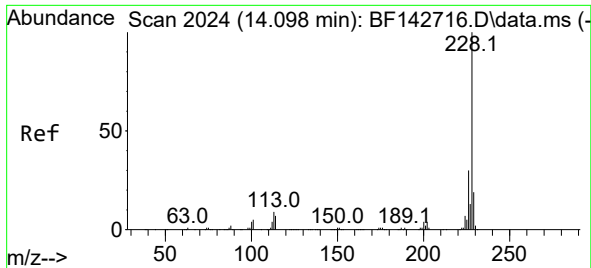


#82
3,3'-Dichlorobenzidine
Concen: 24.621 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:252 Resp: 81903
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.6
126 11.5 8.1 12.1





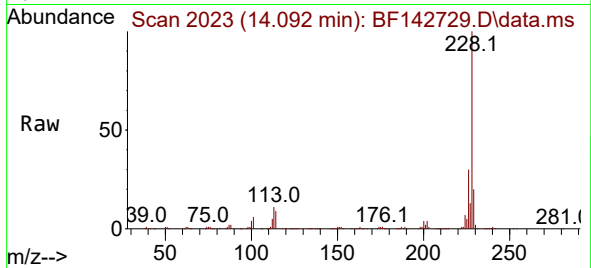
#83
Chrysene
Concen: 41.200 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS

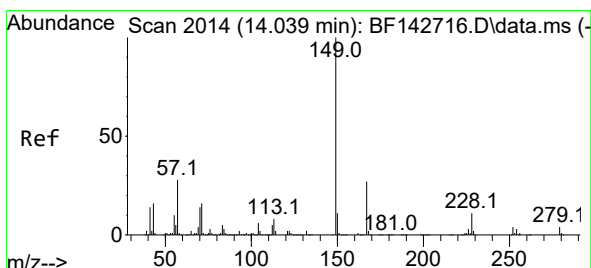
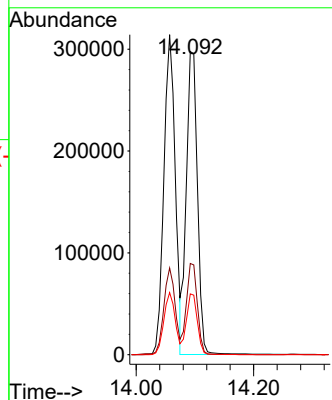
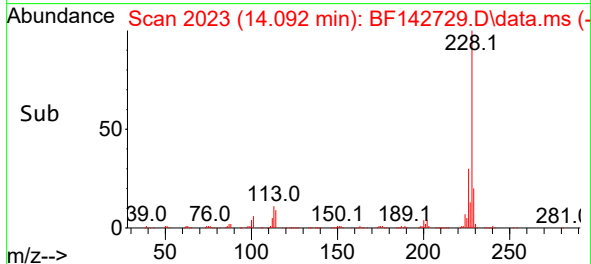


Tgt Ion:228 Resp: 392400
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 20.1 15.5 23.3

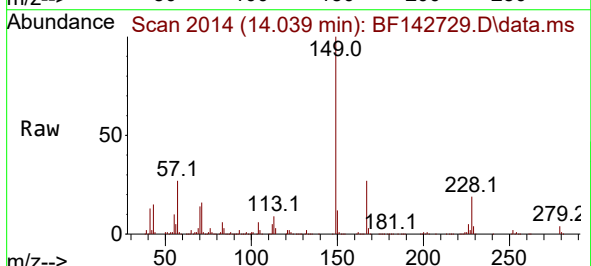
Manual Integrations

APPROVED

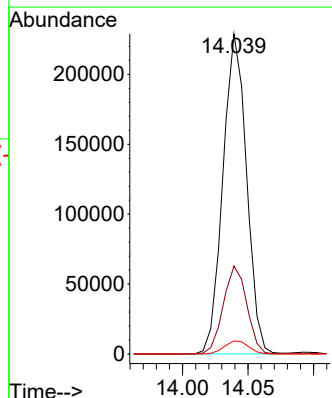
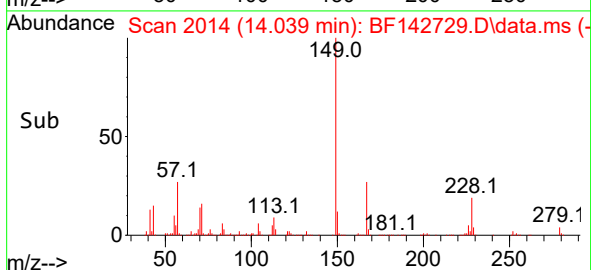
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

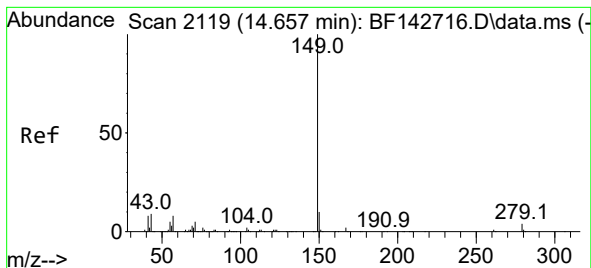


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.629 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



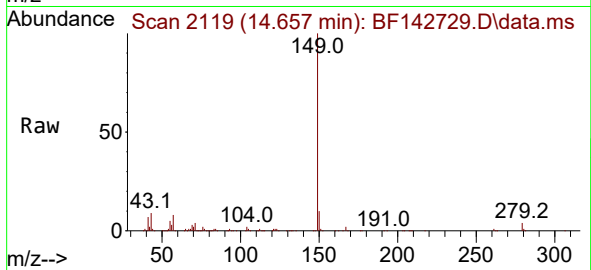
Tgt Ion:149 Resp: 286530
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.2
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.325 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

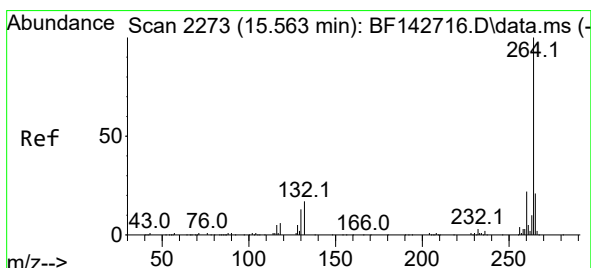
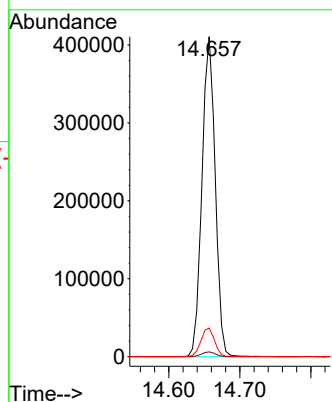
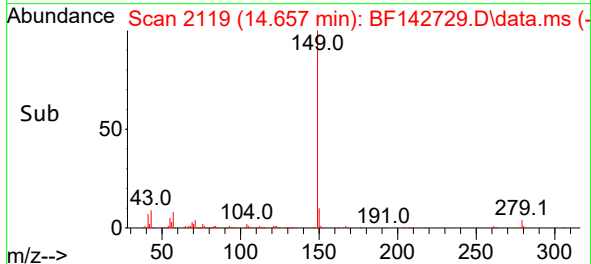
Instrument :
BNA_F
ClientSampleId :
PB168378BS



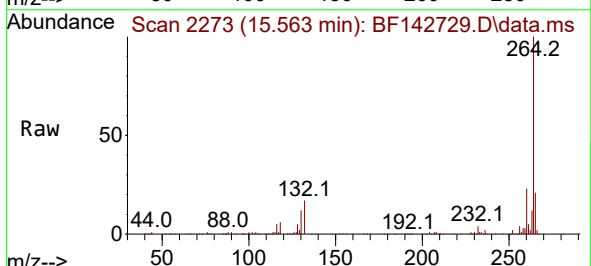
Tgt Ion:149 Resp: 53365
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.3 10.9

Manual Integrations
APPROVED

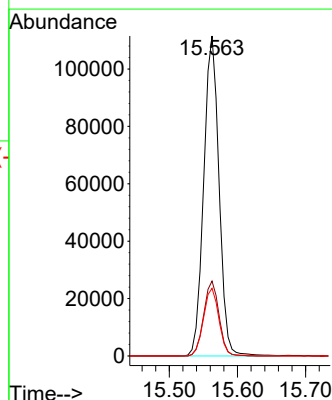
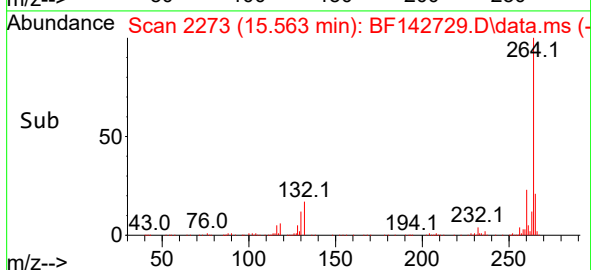
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

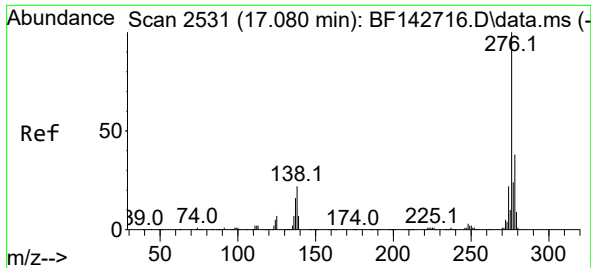


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



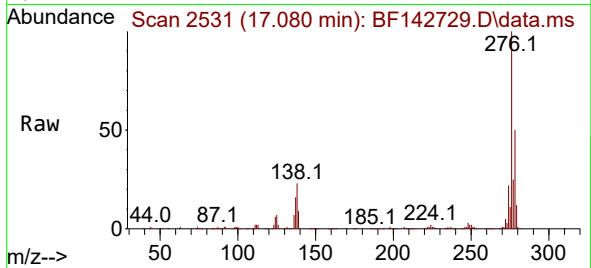
Tgt Ion:264 Resp: 174199
Ion Ratio Lower Upper
264 100
260 23.4 17.8 26.6
265 21.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.668 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

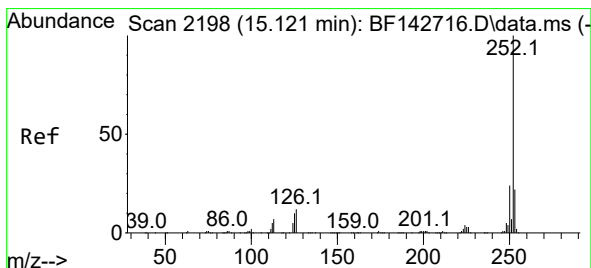
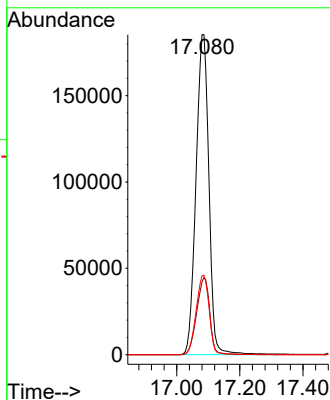
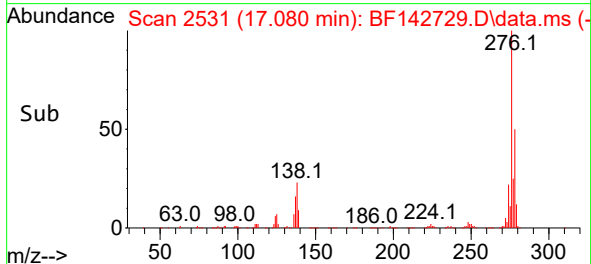
Instrument :
BNA_F
ClientSampleId :
PB168378BS



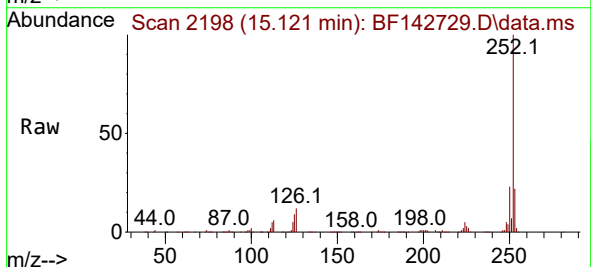
Tgt Ion:276 Resp: 524989
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 24.9 20.2 30.2

Manual Integrations
APPROVED

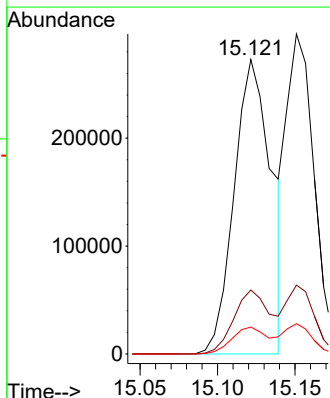
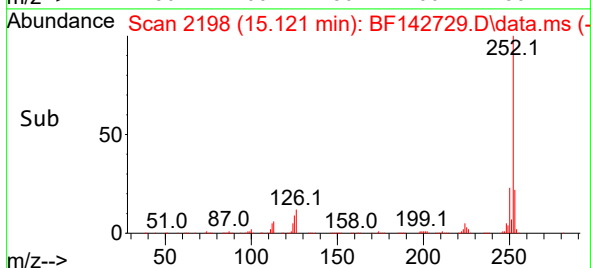
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

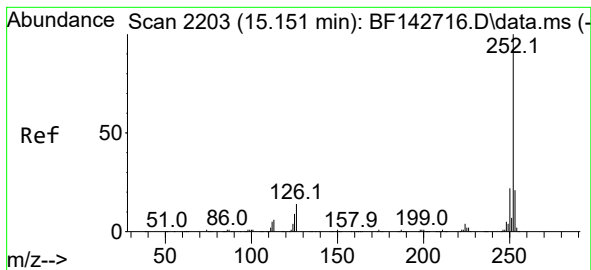


#88
Benzo(b)fluoranthene
Concen: 44.371 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:252 Resp: 455115
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 37.337 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142729.D

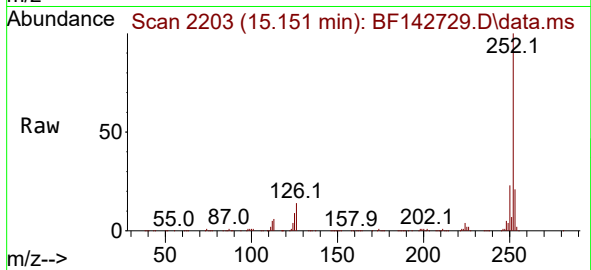
Acq: 11 Jun 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB168378BS



Tgt Ion:252 Resp: 371578

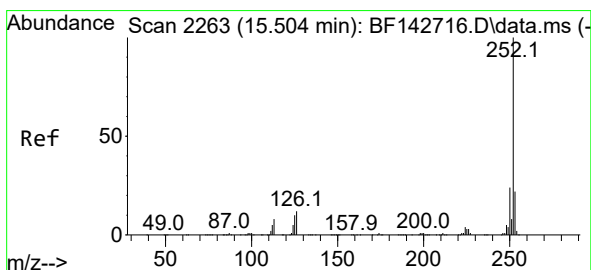
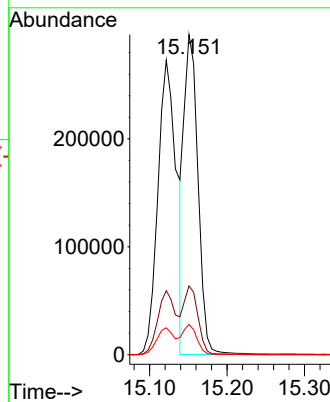
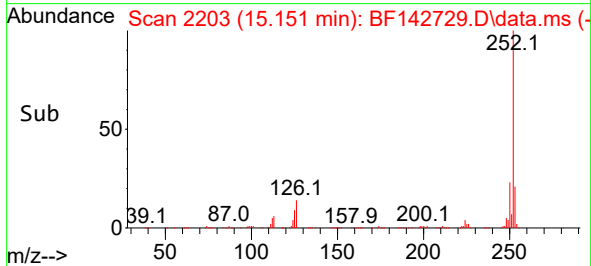
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#90

Benzo(a)pyrene

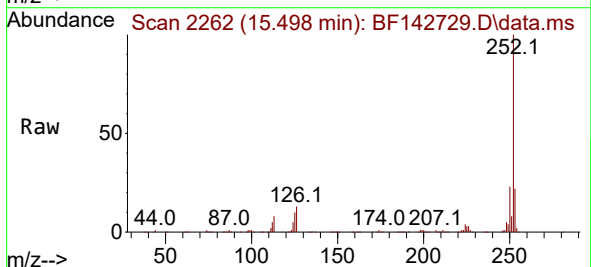
Concen: 41.578 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

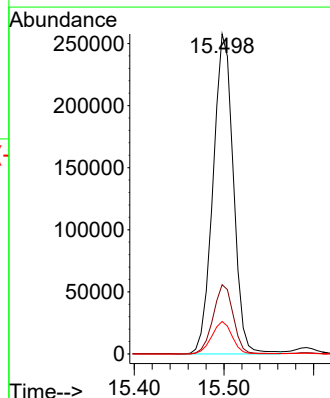
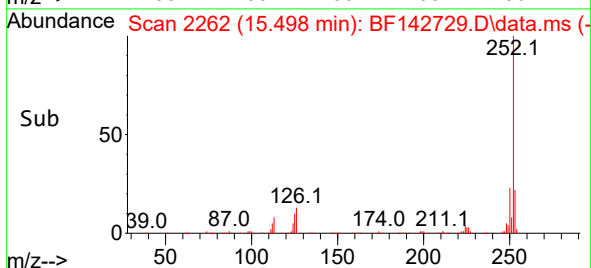
Lab File: BF142729.D

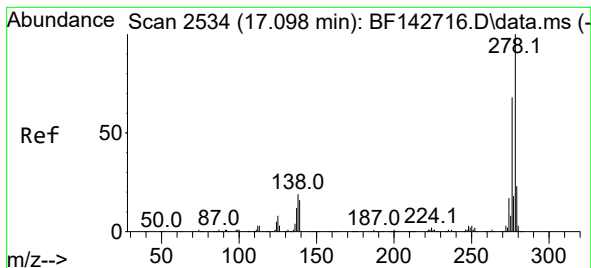
Acq: 11 Jun 2025 12:19



Tgt Ion:252 Resp: 405481

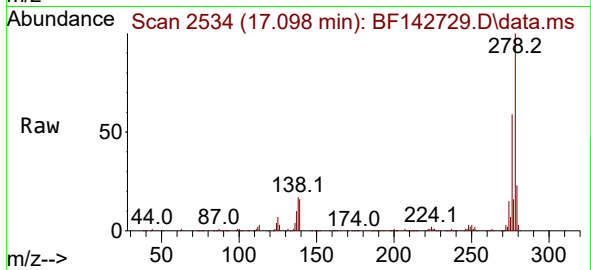
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.1	8.0	12.0





#91
Dibenzo(a,h)anthracene
Concen: 41.157 ng
RT: 17.098 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19

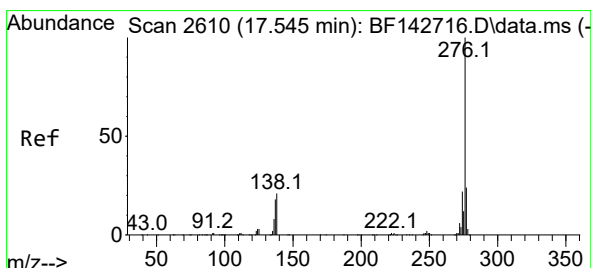
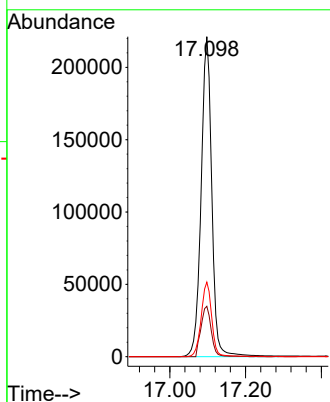
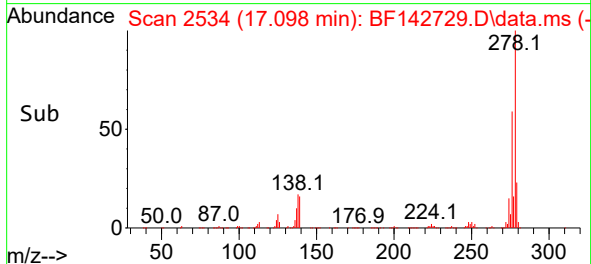
Instrument :
BNA_F
ClientSampleId :
PB168378BS



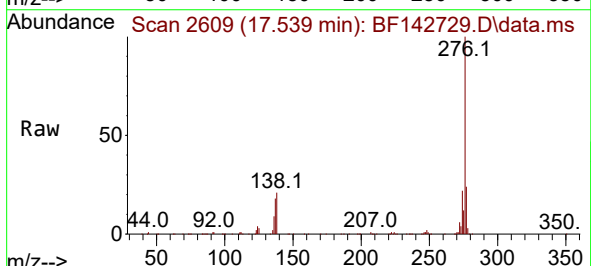
Tgt Ion:278 Resp: 433815
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.3 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#92
Benzo(g,h,i)perylene
Concen: 39.845 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF142729.D
Acq: 11 Jun 2025 12:19



Tgt Ion:276 Resp: 417636
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.0 16.4 24.6

