

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142730.D
 Acq On : 11 Jun 2025 12:49
 Operator : RC/JU
 Sample : PB168378BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168378BSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 13:21:05 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	6.892	152	76751	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302135	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	167728	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	281544	20.000	ng	0.00
76) Chrysene-d12	14.068	240	142888	20.000	ng	0.00
86) Perylene-d12	15.563	264	157698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	393651	87.353	ng	0.01
7) Phenol-d6	6.522	99	470780	88.769	ng	0.00
23) Nitrobenzene-d5	7.457	82	438944	79.509	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	158560	86.255	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	976819	77.373	ng	0.00
79) Terphenyl-d14	13.010	244	880130	84.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	65378	36.659	ng	100
3) Pyridine	3.516	79	178704	39.963	ng	99
4) n-Nitrosodimethylamine	3.475	42	101186	44.226	ng	98
6) Aniline	6.551	93	254366	35.835	ng	# 89
8) 2-Chlorophenol	6.675	128	227779	46.252	ng	99
9) Benzaldehyde	6.440	77	108795	33.126	ng	98
10) Phenol	6.540	94	272956	46.303	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	200300	45.490	ng	99
12) 1,3-Dichlorobenzene	6.834	146	244216	43.453	ng	99
13) 1,4-Dichlorobenzene	6.910	146	246879	43.465	ng	100
14) 1,2-Dichlorobenzene	7.063	146	237334	43.591	ng	99
15) Benzyl Alcohol	7.034	79	182823	45.609	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	299615	43.219	ng	91
17) 2-Methylphenol	7.145	107	175533	46.494	ng	99
18) Hexachloroethane	7.404	117	89036	43.742	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	152112	45.053	ng	99
20) 3+4-Methylphenols	7.298	107	220572	46.342	ng	99
22) Acetophenone	7.304	105	298452	44.407	ng	99
24) Nitrobenzene	7.475	77	221581	45.223	ng	98
25) Isophorone	7.716	82	410052	43.868	ng	99
26) 2-Nitrophenol	7.792	139	126449	46.242	ng	98
27) 2,4-Dimethylphenol	7.828	122	213328	45.821	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	258303	44.509	ng	99
29) 2,4-Dichlorophenol	8.034	162	200463	46.656	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	210934	44.428	ng	100
31) Naphthalene	8.198	128	655505	43.869	ng	99
32) Benzoic acid	7.957	122	132448	50.515	ng	98
33) 4-Chloroaniline	8.245	127	119758	19.961	ng	99
34) Hexachlorobutadiene	8.316	225	131496	43.463	ng	99
35) Caprolactam	8.622	113	58799m	50.698	ng	
36) 4-Chloro-3-methylphenol	8.734	107	204223	45.712	ng	100
37) 2-Methylnaphthalene	8.892	142	416294	44.016	ng	98
38) 1-Methylnaphthalene	8.992	142	429158	43.802	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	214706	44.228	ng	98
41) Hexachlorocyclopentadiene	9.045	237	288286	92.525	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	146293	46.554	ng	99

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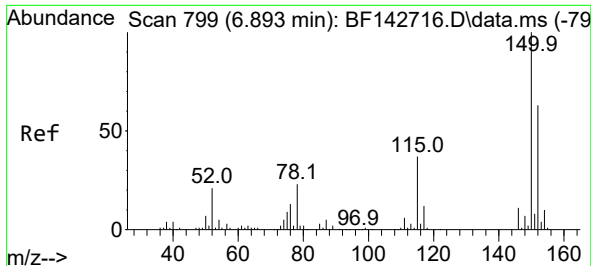
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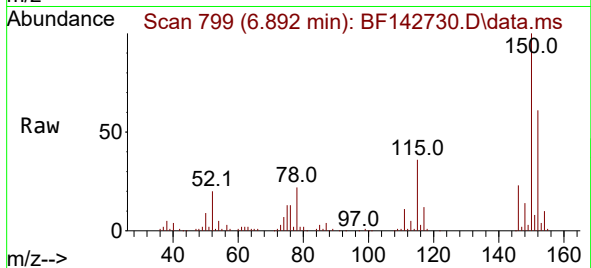
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154850	45.624	ng	97
46) 1,1'-Biphenyl	9.357	154	583366	44.791	ng	100
47) 2-Chloronaphthalene	9.381	162	431454	44.965	ng	100
48) 2-Nitroaniline	9.475	65	124893	45.764	ng	100
49) Acenaphthylene	9.798	152	723824	44.738	ng	100
50) Dimethylphthalate	9.657	163	518619	46.303	ng	99
51) 2,6-Dinitrotoluene	9.722	165	112796	46.596	ng	96
52) Acenaphthene	9.969	154	500577	49.902	ng	99
53) 3-Nitroaniline	9.886	138	76269	29.048	ng	99
54) 2,4-Dinitrophenol	9.998	184	140255	105.771	ng	92
55) Dibenzofuran	10.145	168	632379	44.270	ng	99
56) 4-Nitrophenol	10.051	139	169187	95.007	ng	96
57) 2,4-Dinitrotoluene	10.128	165	153739	48.034	ng	98
58) Fluorene	10.486	166	496194	43.988	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	129343	45.297	ng	99
60) Diethylphthalate	10.357	149	512148	46.113	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	245652	44.592	ng	99
62) 4-Nitroaniline	10.504	138	108281	46.097	ng	96
63) Azobenzene	10.633	77	438915	45.250	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	85240	48.347	ng	97
66) n-Nitrosodiphenylamine	10.598	169	433082	44.751	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	151636	45.628	ng	97
68) Hexachlorobenzene	11.033	284	167076	45.291	ng	99
69) Atrazine	11.122	200	128130	49.660	ng	99
70) Pentachlorophenol	11.227	266	178786	92.457	ng	98
71) Phenanthrene	11.451	178	673371	44.643	ng	99
72) Anthracene	11.504	178	691444	44.314	ng	99
73) Carbazole	11.657	167	588206	45.030	ng	100
74) Di-n-butylphthalate	11.980	149	700567	48.030	ng	100
75) Fluoranthene	12.639	202	635251	44.291	ng	99
77) Benzidine	12.757	184	177447	34.870	ng	99
78) Pyrene	12.869	202	619254	46.636	ng	100
80) Butylbenzylphthalate	13.480	149	201625	51.348	ng	100
81) Benzo(a)anthracene	14.057	228	442921	46.778	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	83559	27.366	ng	98
83) Chrysene	14.092	228	406223	46.467	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	297468	50.479	ng	99
85) Di-n-octyl phthalate	14.657	149	546941	48.377	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	533463	45.649	ng	100
88) Benzo(b)fluoranthene	15.121	252	464274	50.000	ng	99
89) Benzo(k)fluoranthene	15.151	252	382260	42.429	ng	99
90) Benzo(a)pyrene	15.498	252	415063	47.013	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	439975	46.109	ng	100
92) Benzo(g,h,i)perylene	17.545	276	425643	44.858	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

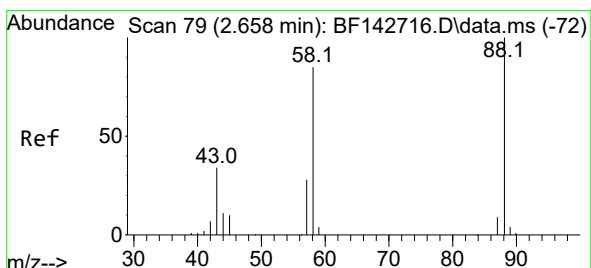
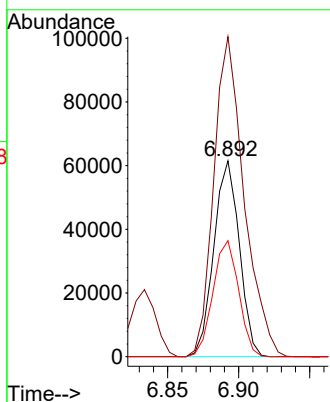
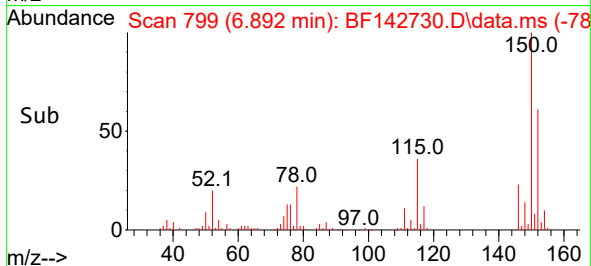
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion:152 Resp: 7675
Ion Ratio Lower Upper
152 100
150 163.4 126.9 190.3
115 59.2 47.0 70.6

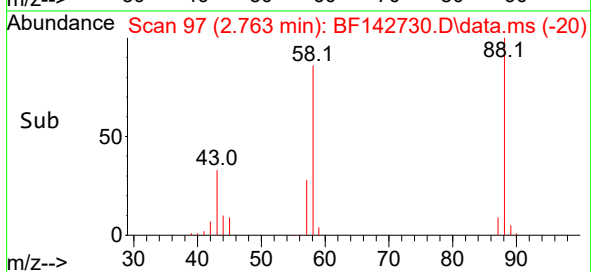
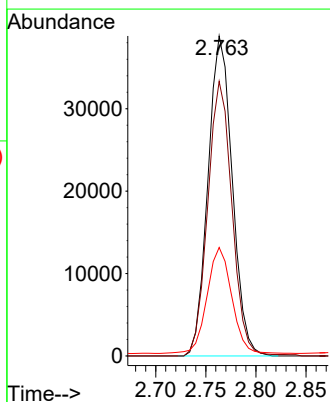
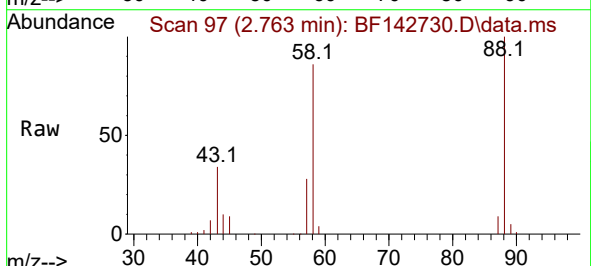
Manual Integrations
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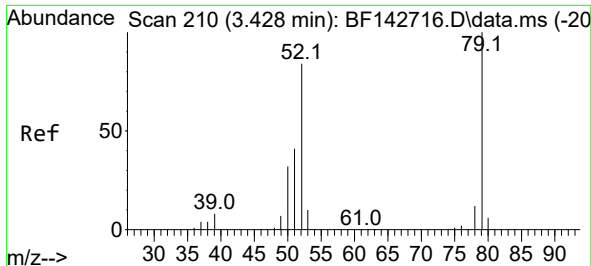
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#2
1,4-Dioxane
Concen: 36.659 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

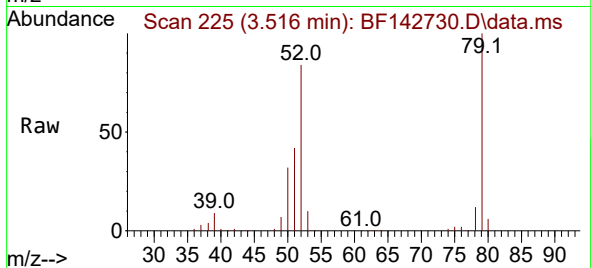
Tgt Ion: 88 Resp: 65378
Ion Ratio Lower Upper
88 100
58 85.8 68.4 102.6
43 33.5 27.0 40.6





#3
Pyridine
Concen: 39.963 ng
RT: 3.516 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

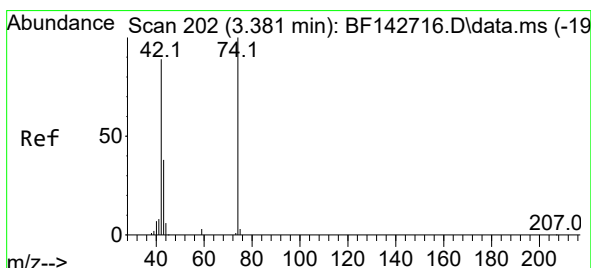
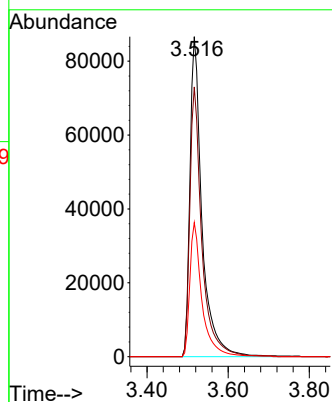
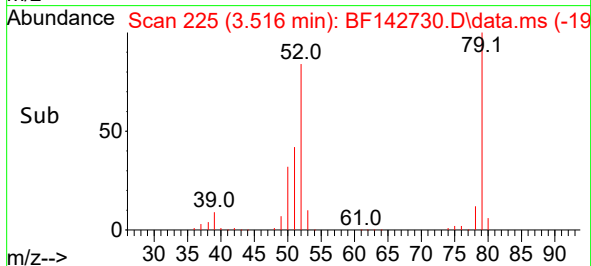
Instrument :
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ClientSampleId :
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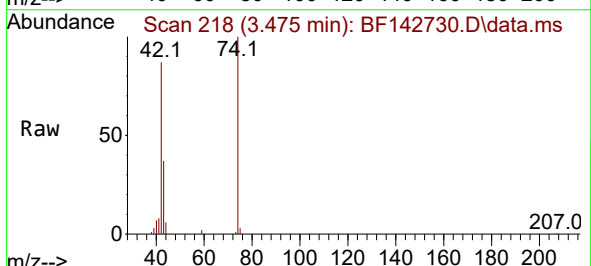
Tgt Ion: 79 Resp: 178704
Ion Ratio Lower Upper
79 100
52 84.3 67.1 100.7
51 41.9 32.6 48.8

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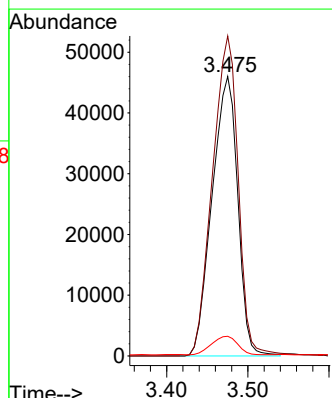
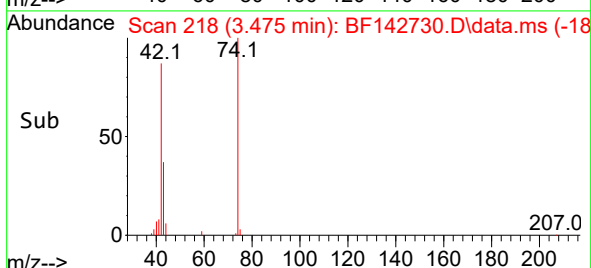
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Supervised By :Jagrut Upadhyay 06/12/2025

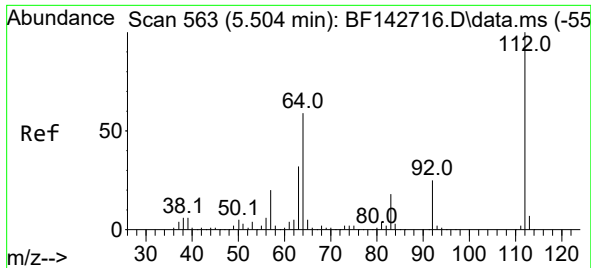


#4
n-Nitrosodimethylamine
Concen: 44.226 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion: 42 Resp: 101186
Ion Ratio Lower Upper
42 100
74 114.5 89.6 134.4
44 7.0 5.4 8.2





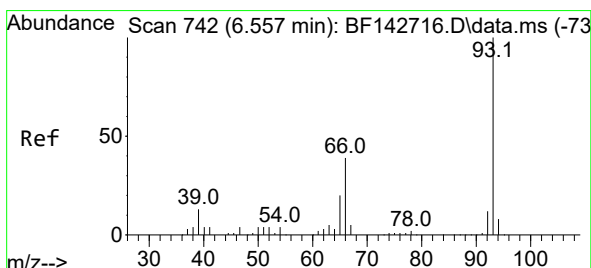
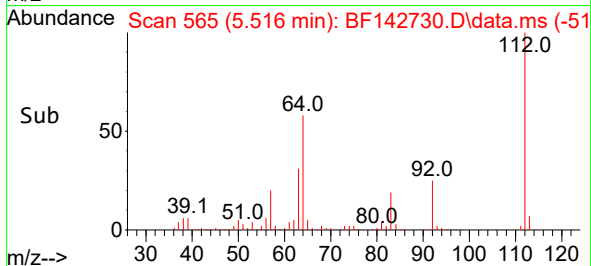
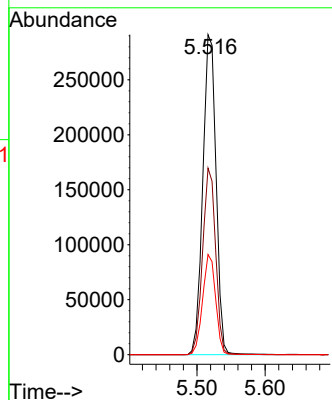
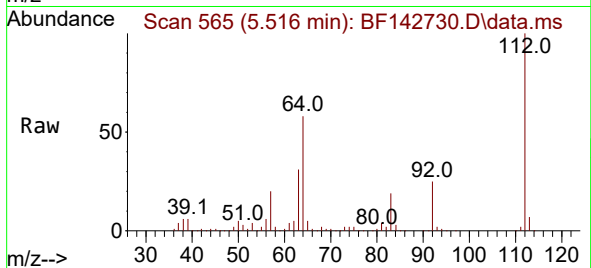
#5
2-Fluorophenol
Concen: 87.353 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 39365
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.2
63 31.3 25.4 38.0

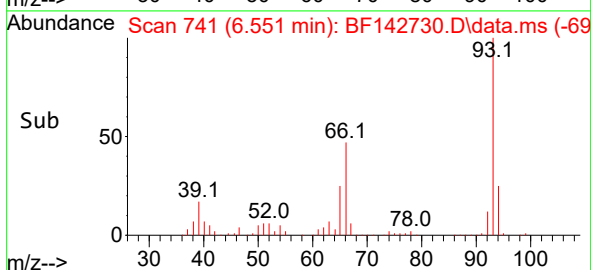
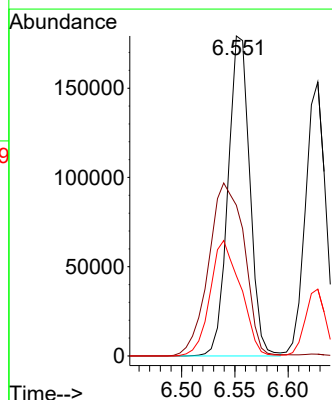
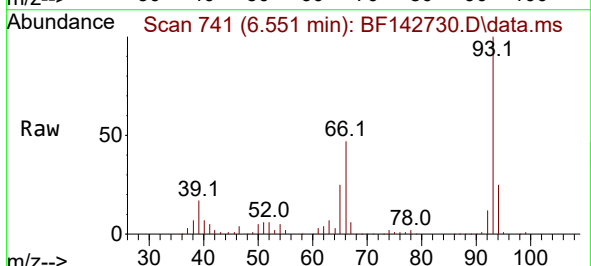
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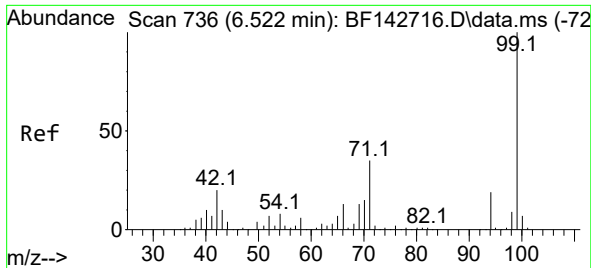
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#6
Aniline
Concen: 35.835 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

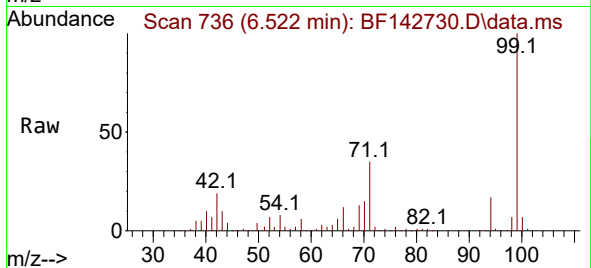
Tgt Ion: 93 Resp: 254366
Ion Ratio Lower Upper
93 100
66 47.1 32.0 48.0
65 25.1 16.1 24.1#





#7
Phenol-d6
Concen: 88.769 ng
RT: 6.522 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

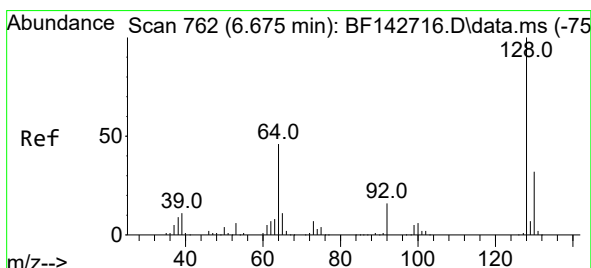
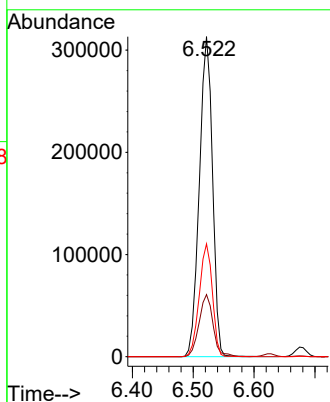
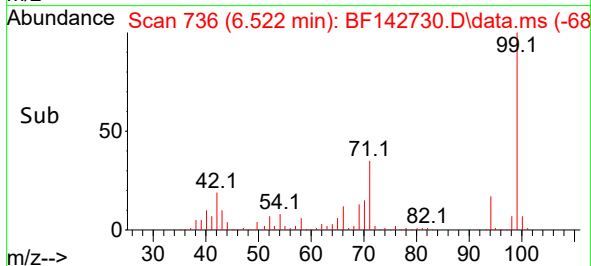
Instrument :
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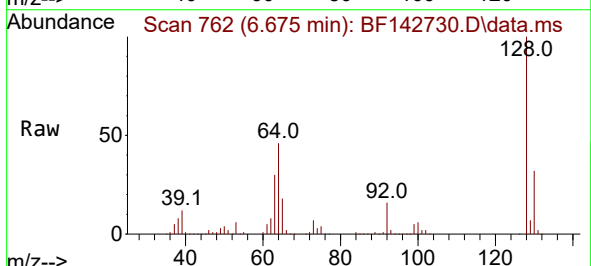
Tgt Ion: 99 Resp: 470780
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.2 28.0 42.0

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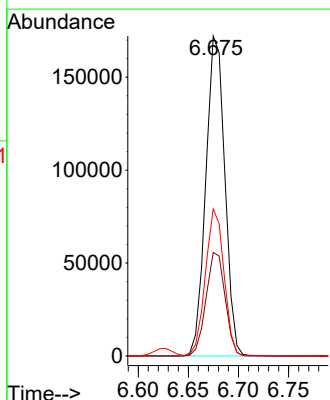
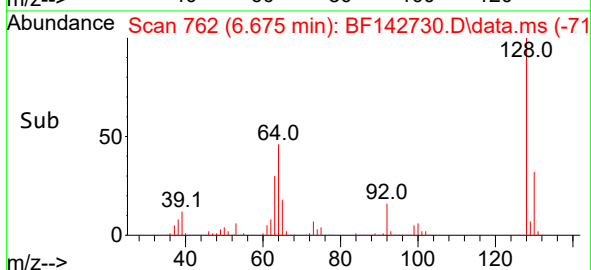
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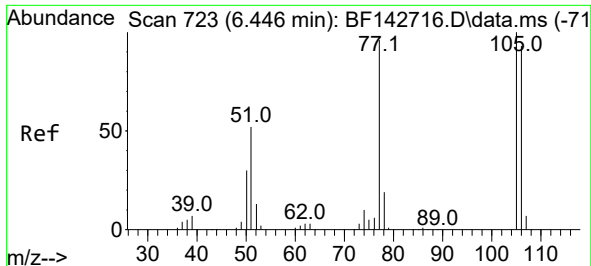


#8
2-Chlorophenol
Concen: 46.252 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



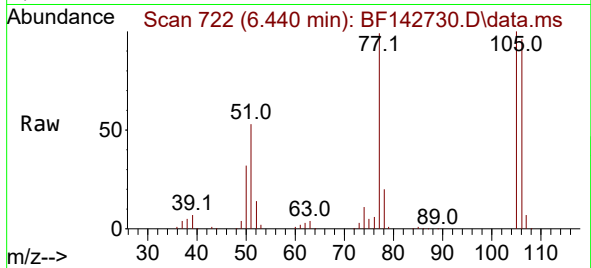
Tgt Ion:128 Resp: 227779
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 45.9 26.5 66.5





#9
Benzaldehyde
Concen: 33.126 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

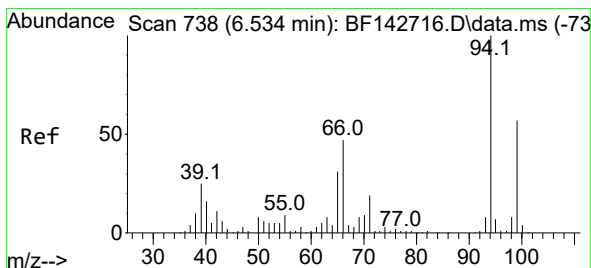
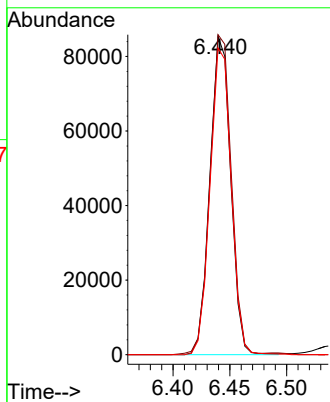
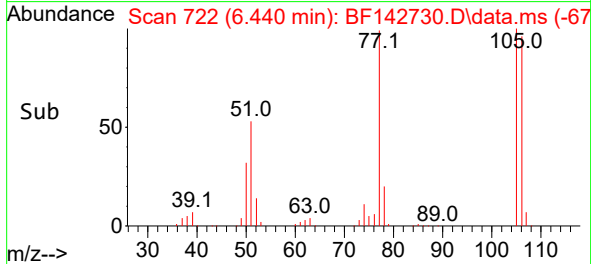
Instrument :
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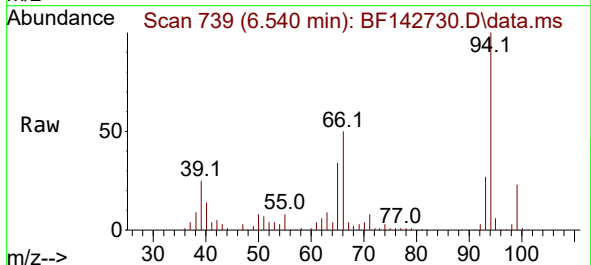
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Ion Ratio Lower Upper
77 100
105 100.5 84.1 124.1
106 96.4 77.2 117.2

Manual Integrations
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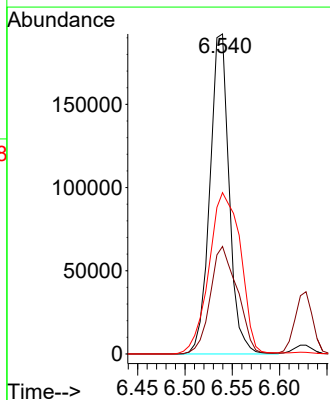
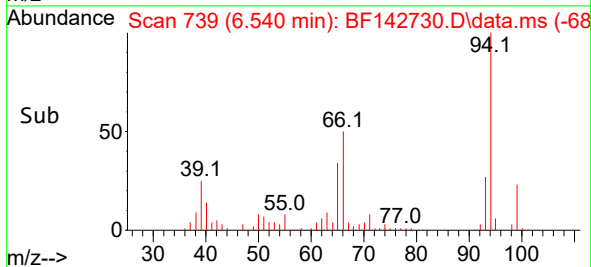
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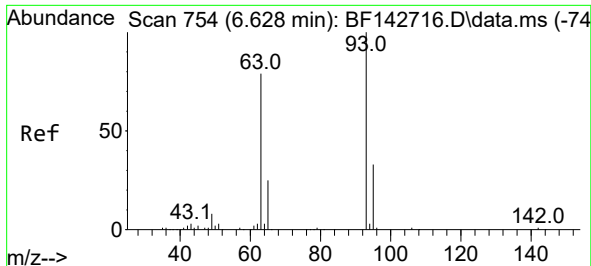


#10
Phenol
Concen: 46.303 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



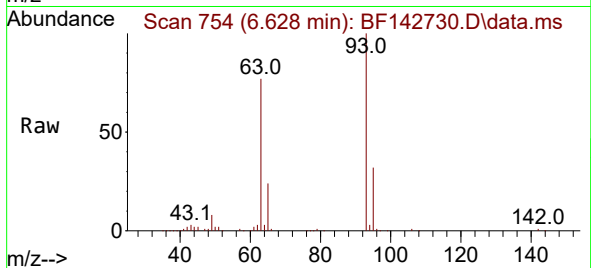
Tgt Ion: 94 Resp: 272956
Ion Ratio Lower Upper
94 100
65 33.6 11.4 51.4
66 50.4 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 45.490 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

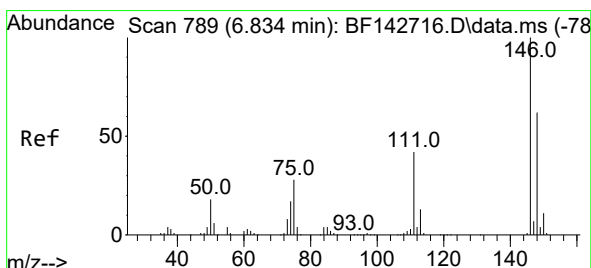
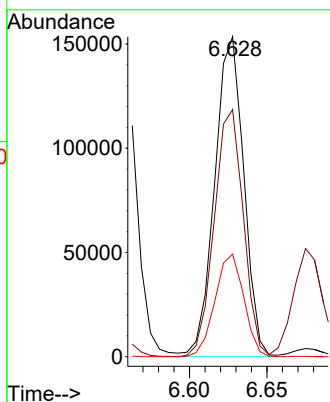
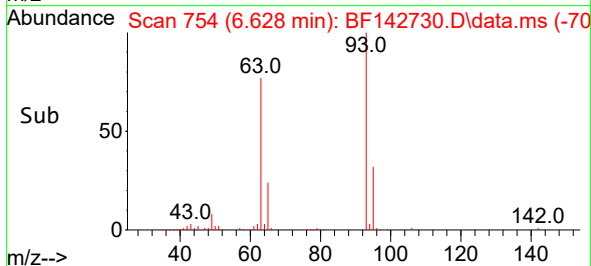
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



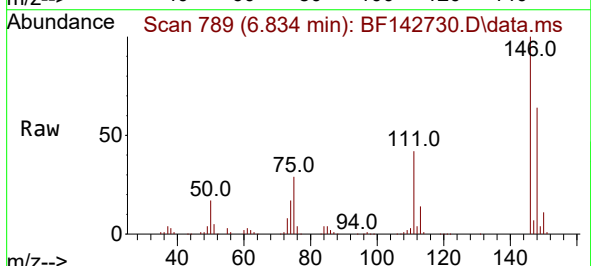
Tgt Ion: 93 Resp: 200300
Ion Ratio Lower Upper
93 100
63 77.2 58.3 98.3
95 32.1 13.1 53.1

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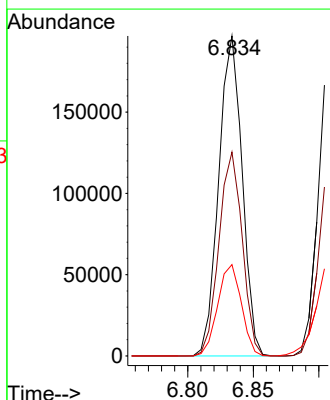
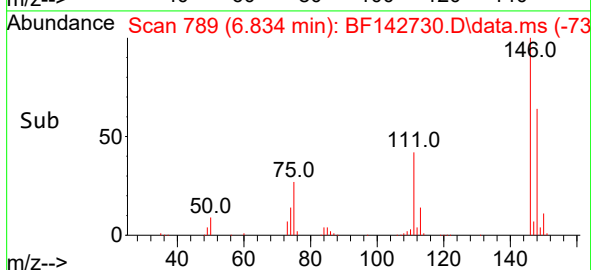
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

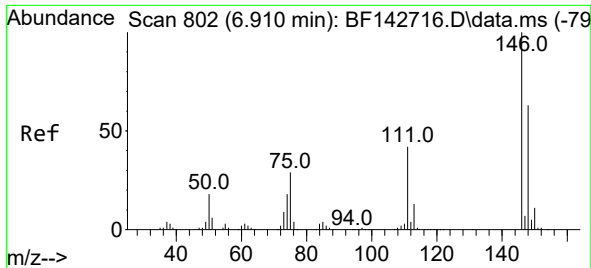


#12
1,3-Dichlorobenzene
Concen: 43.453 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



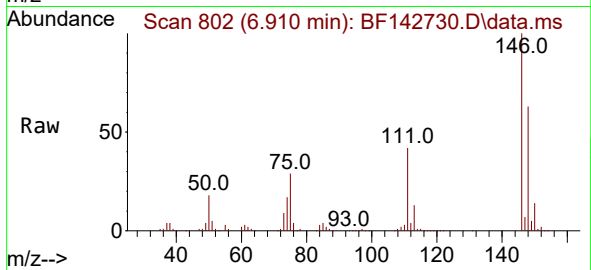
Tgt Ion:146 Resp: 244216
Ion Ratio Lower Upper
146 100
148 63.7 49.9 74.9
75 28.5 22.6 34.0





#13
1,4-Dichlorobenzene
Concen: 43.465 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

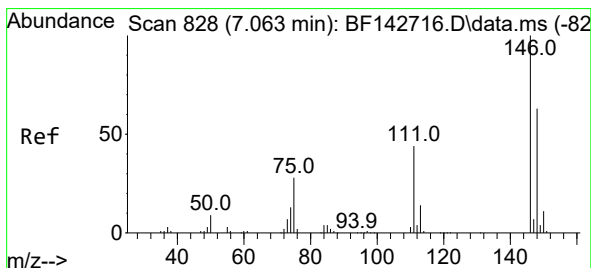
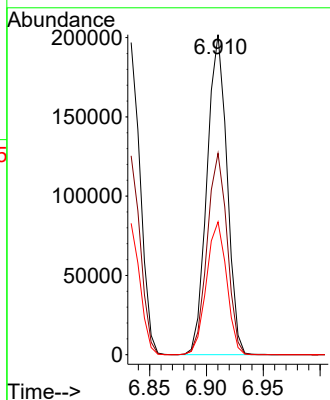
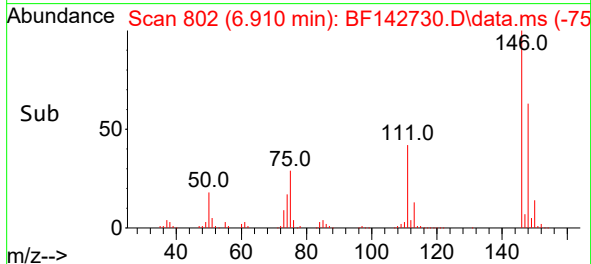
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



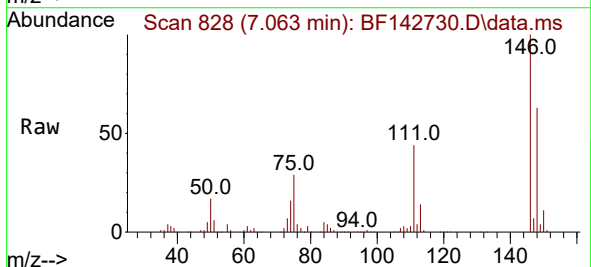
Tgt Ion:146 Resp: 246879
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 41.5 33.6 50.4

Manual Integrations
APPROVED

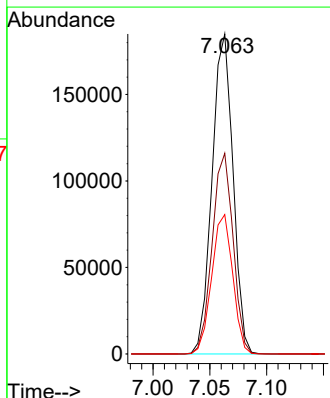
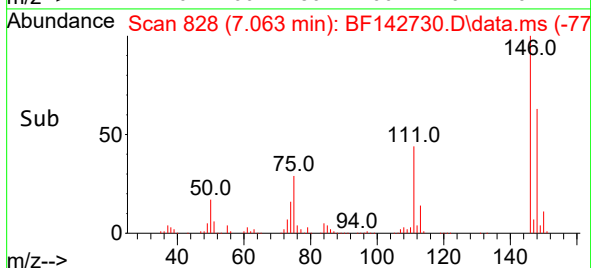
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

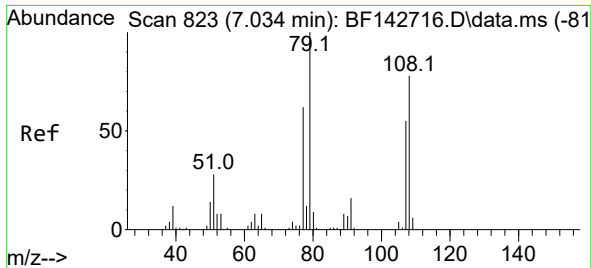


#14
1,2-Dichlorobenzene
Concen: 43.591 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



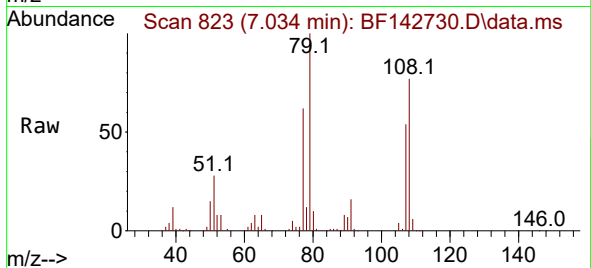
Tgt Ion:146 Resp: 237334
Ion Ratio Lower Upper
146 100
148 62.7 50.4 75.6
111 43.5 35.2 52.8





#15
Benzyl Alcohol
Concen: 45.609 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

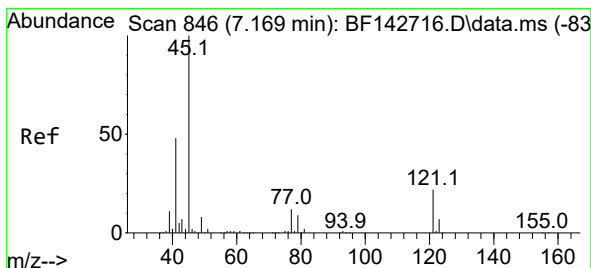
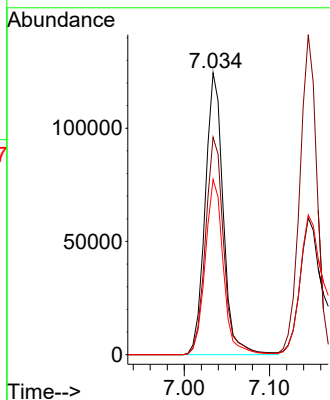
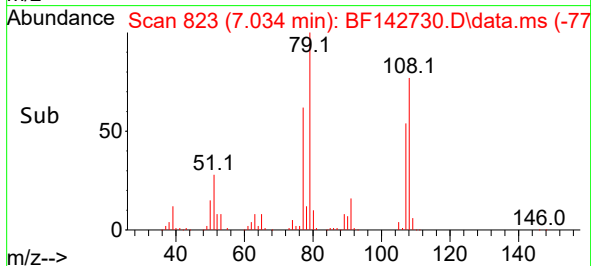
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion: 79 Resp: 18282
Ion Ratio Lower Upper
79 100
108 77.1 62.6 94.0
77 62.1 49.8 74.8

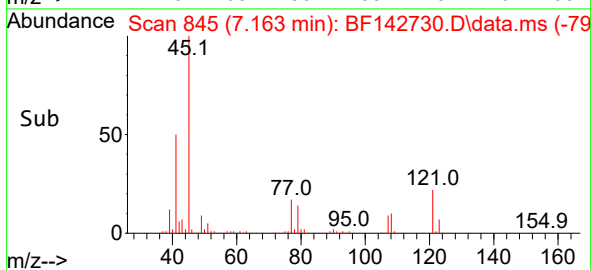
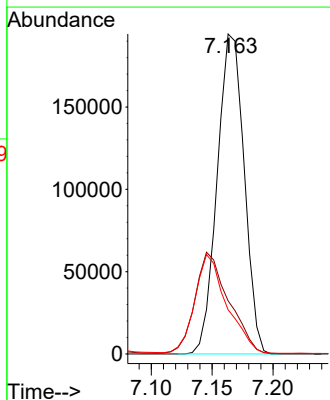
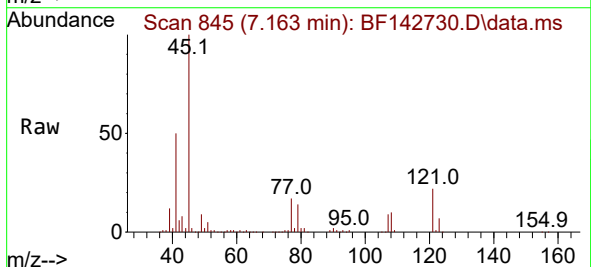
Manual Integrations
APPROVED

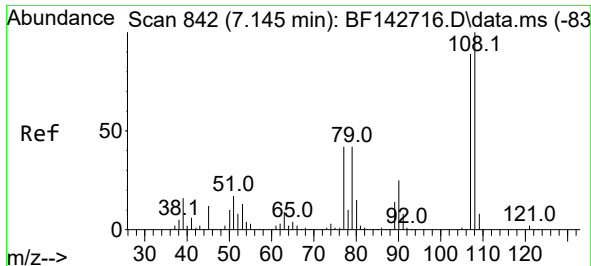
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.219 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion: 45 Resp: 299615
Ion Ratio Lower Upper
45 100
77 16.6 0.0 33.1
79 13.8 0.0 30.5





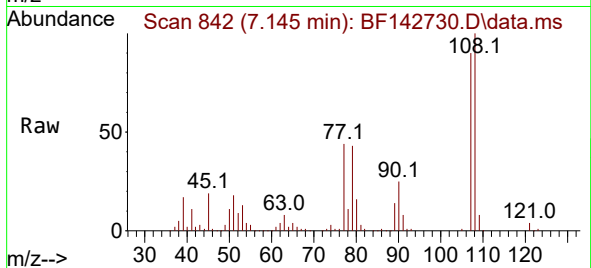
#17
2-Methylphenol
Concen: 46.494 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

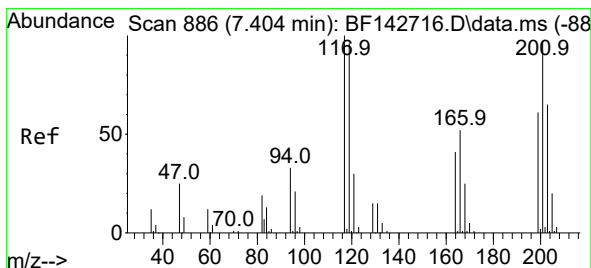
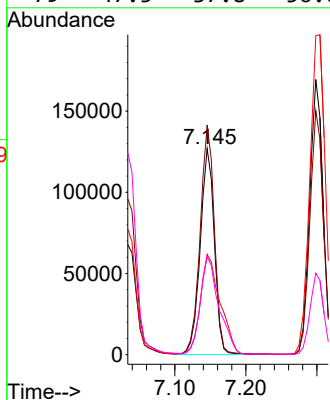
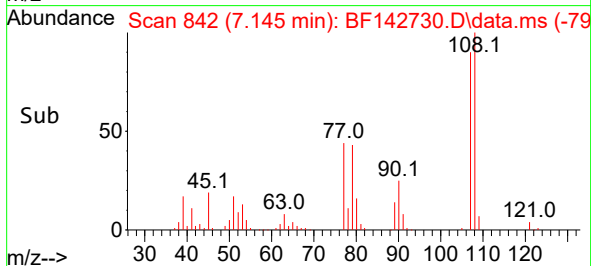


Tgt Ion:107 Resp: 17553
Ion Ratio Lower Upper
107 100
108 111.3 90.0 135.0
77 48.7 38.2 57.2
79 47.5 37.8 56.6

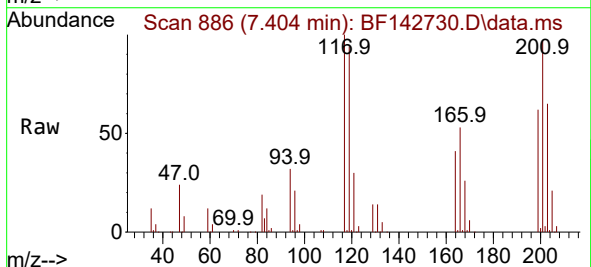
Manual Integrations

APPROVED

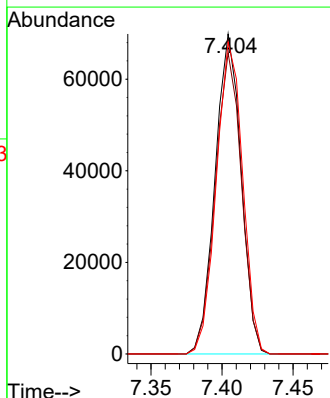
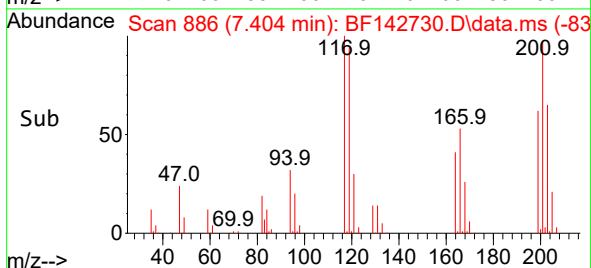
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

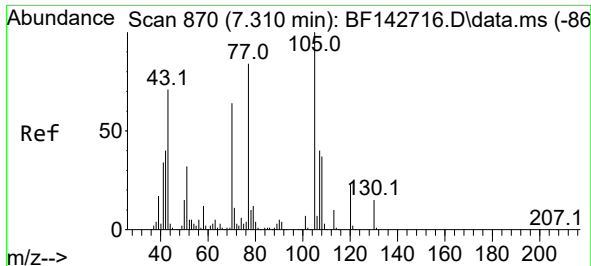


#18
Hexachloroethane
Concen: 43.742 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



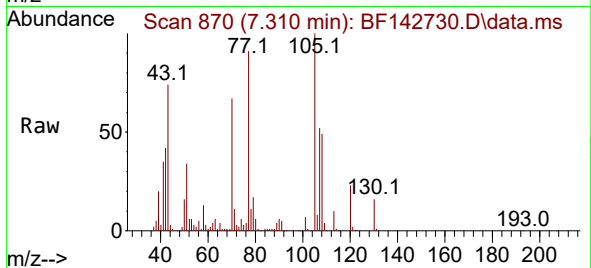
Tgt Ion:117 Resp: 89036
Ion Ratio Lower Upper
117 100
119 94.1 76.4 114.6
201 97.5 77.8 116.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.053 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

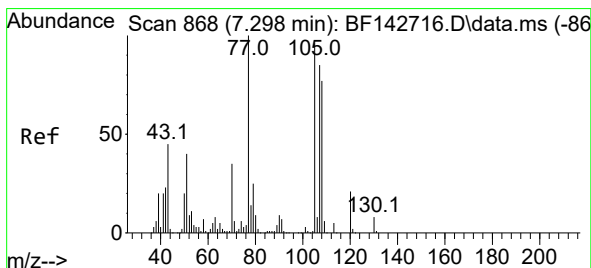
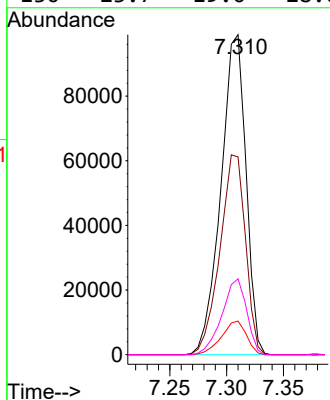
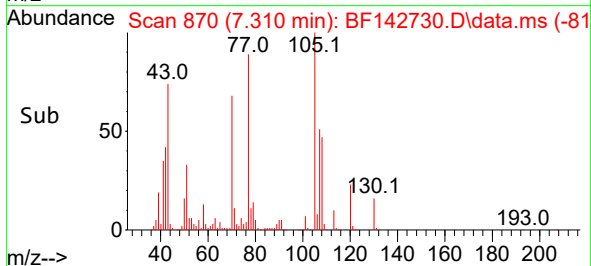
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



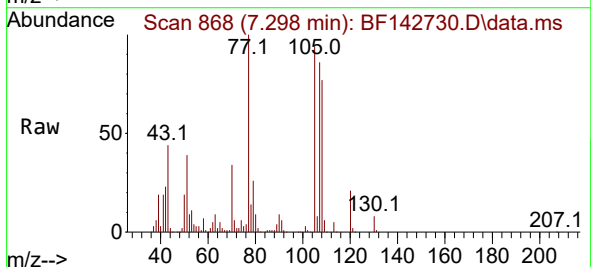
Tgt Ion: 70 Resp: 15211
Ion Ratio Lower Upper
70 100
42 61.8 50.2 75.4
101 10.5 8.3 12.5
130 23.7 19.0 28.6

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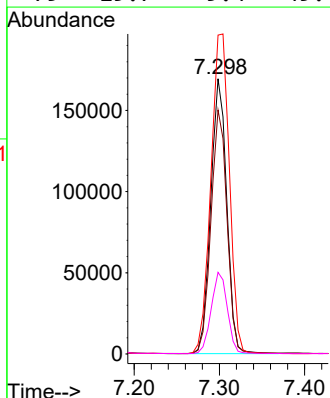
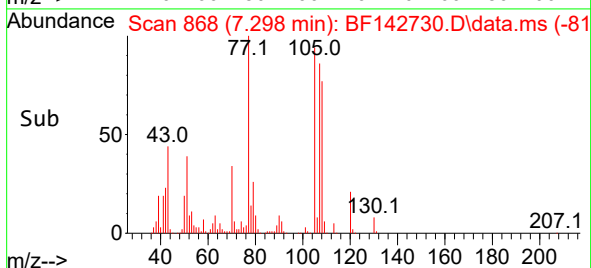
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

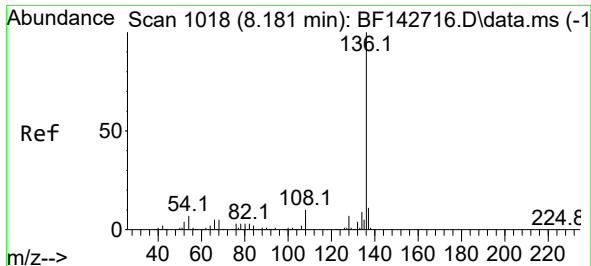


#20
3+4-Methylphenols
Concen: 46.342 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:107 Resp: 220572
Ion Ratio Lower Upper
107 100
108 88.7 69.9 109.9
77 115.9 97.4 137.4
79 29.7 9.4 49.4





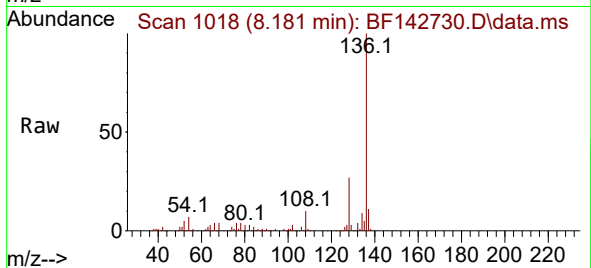
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

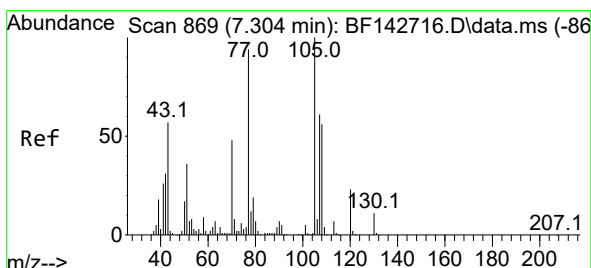
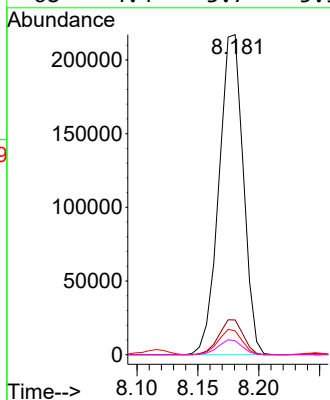
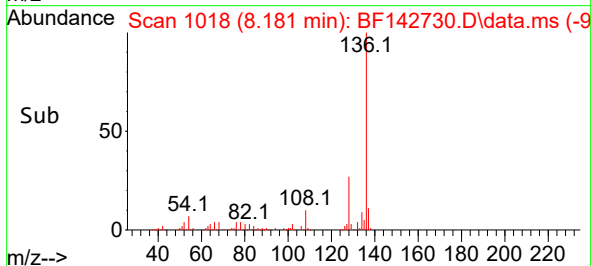


Tgt Ion:136 Resp: 302135
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.4 5.9 8.9
68 4.4 3.7 5.5

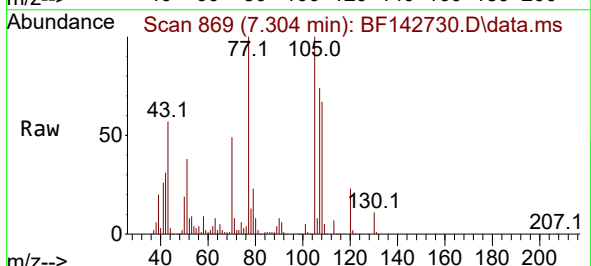
Manual Integrations

APPROVED

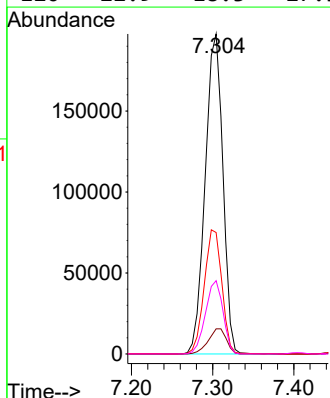
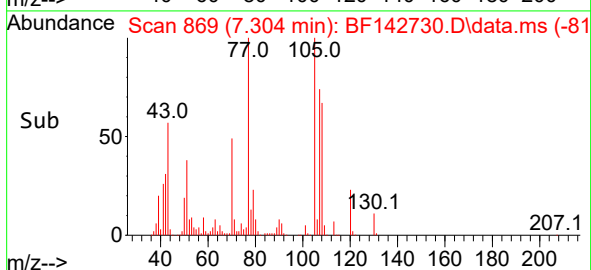
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

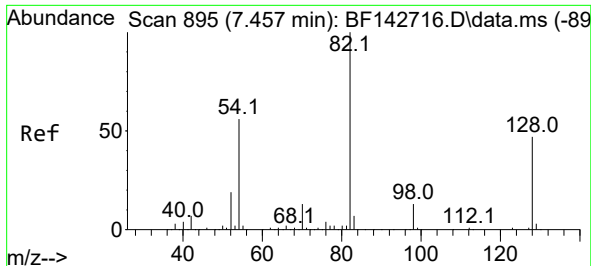


#22
Acetophenone
Concen: 44.407 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:105 Resp: 298452
Ion Ratio Lower Upper
105 100
71 7.8 6.4 9.6
51 37.9 29.1 43.7
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.509 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

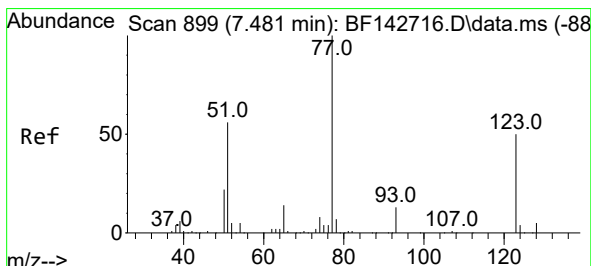
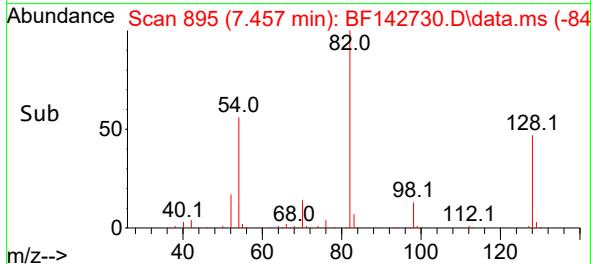
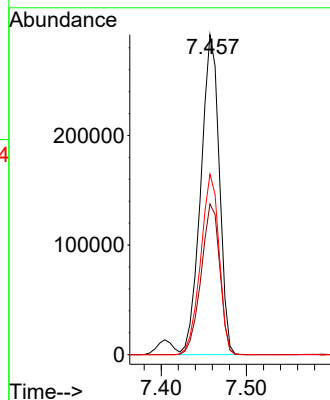
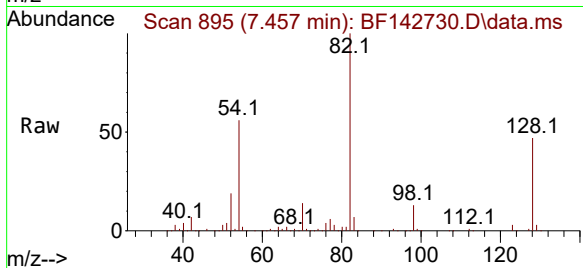
PB168378BSD

Tgt Ion: 82 Resp: 438944
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.8 56.8
 54 56.4 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: 45.223 ng

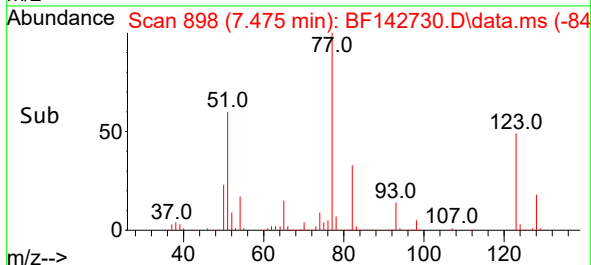
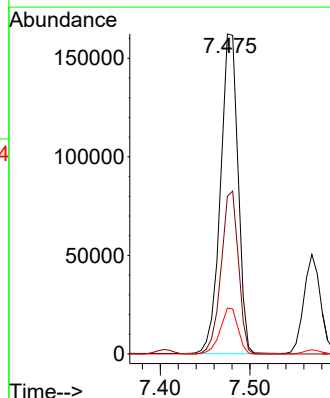
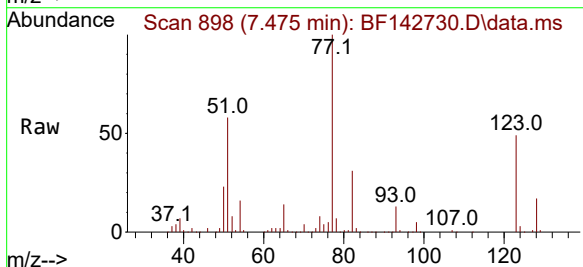
RT: 7.475 min Scan# 898

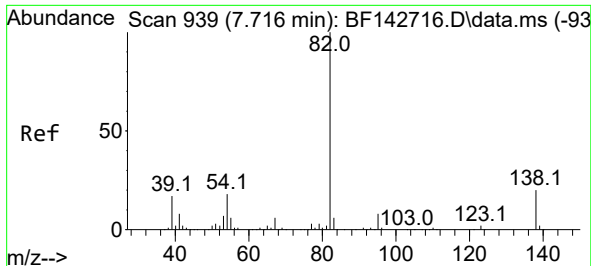
Delta R.T. -0.006 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Tgt Ion: 77 Resp: 221581
 Ion Ratio Lower Upper
 77 100
 123 49.3 40.8 61.2
 65 14.3 11.5 17.3





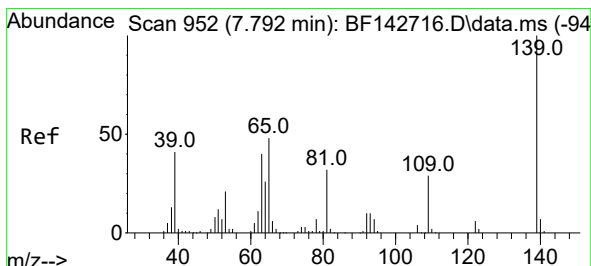
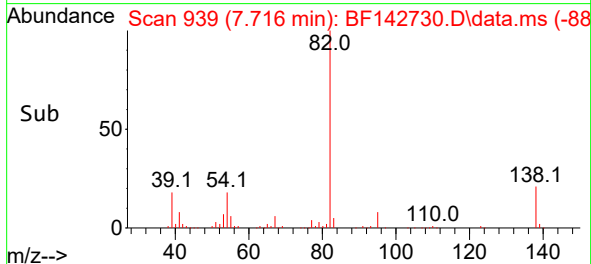
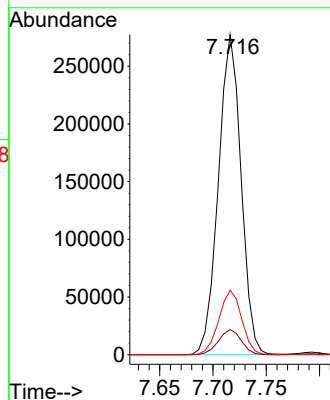
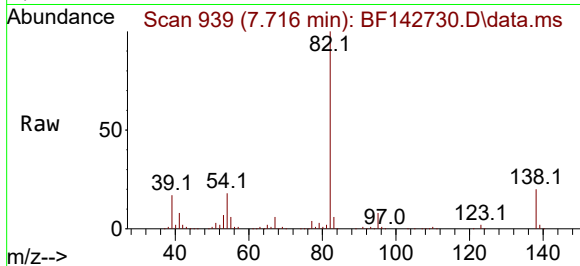
#25
Isophorone
Concen: 43.868 ng
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Tgt Ion: 82 Resp: 410052
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.2 15.8 23.6

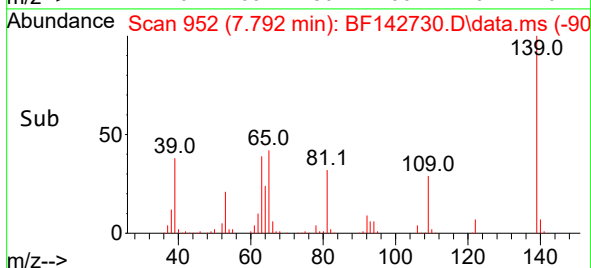
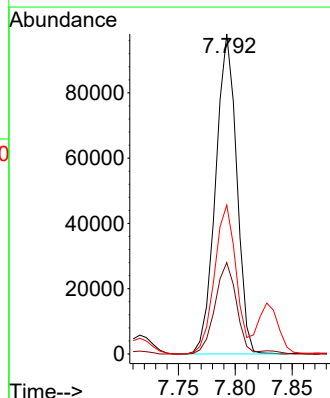
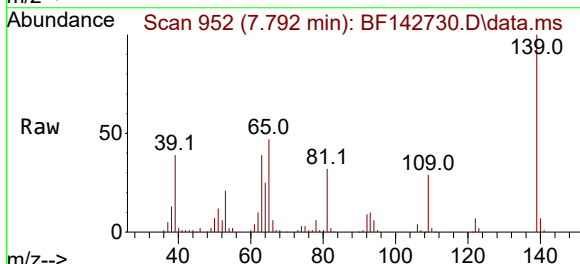
Manual Integrations
APPROVED

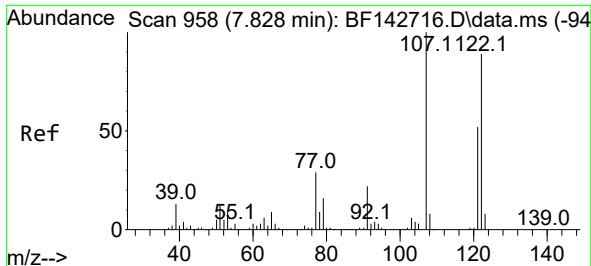
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#26
2-Nitrophenol
Concen: 46.242 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion:139 Resp: 126449
Ion Ratio Lower Upper
139 100
109 28.5 23.4 35.2
65 46.6 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 45.821 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

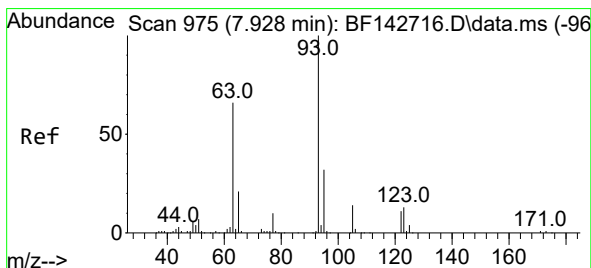
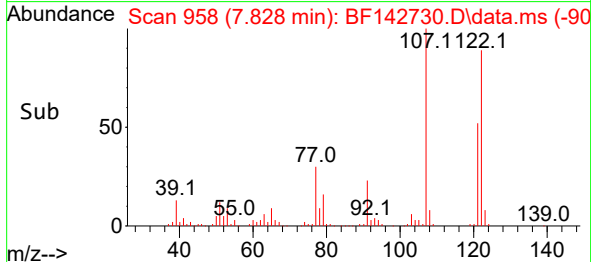
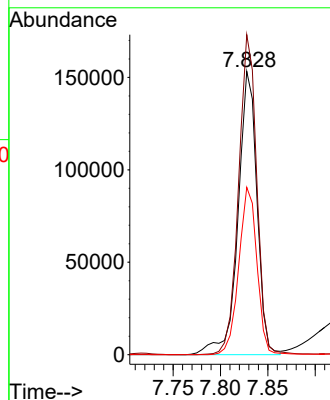
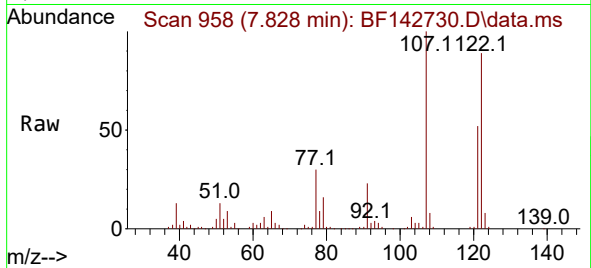
Tgt Ion:122 Resp: 213328

Ion	Ratio	Lower	Upper
122	100		
107	112.9	90.4	135.6
121	59.1	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: 44.509 ng

RT: 7.922 min Scan# 974

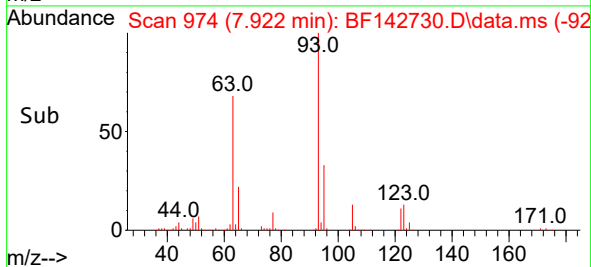
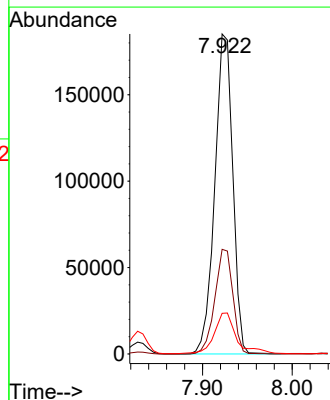
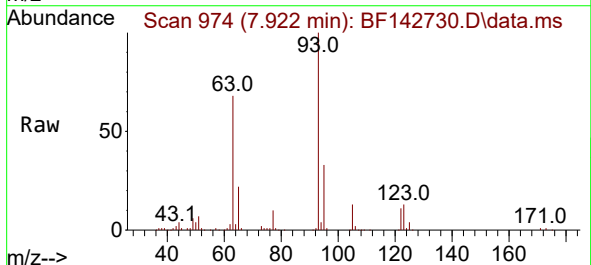
Delta R.T. -0.006 min

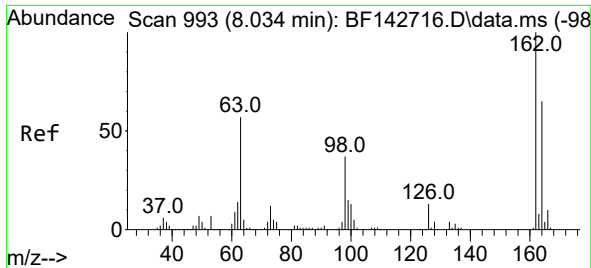
Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Tgt Ion: 93 Resp: 258303

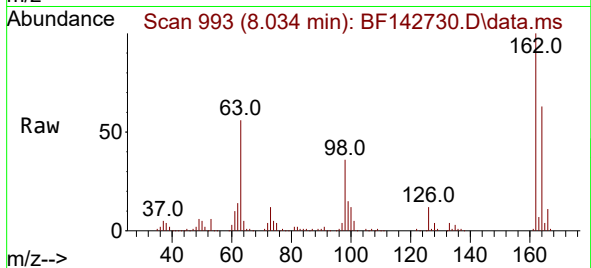
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	12.7	10.3	15.5





#29
2,4-Dichlorophenol
Concen: 46.656 ng
RT: 8.034 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

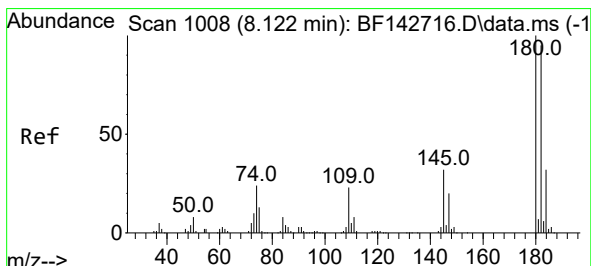
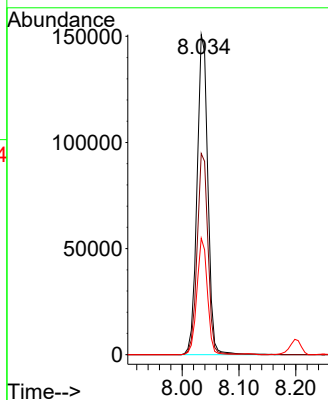
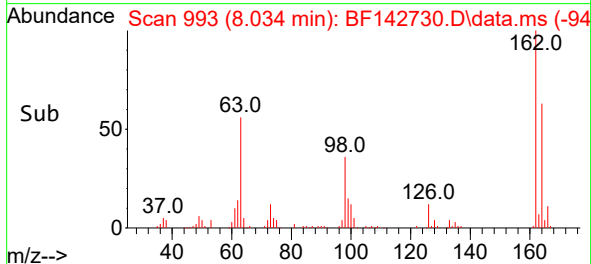
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



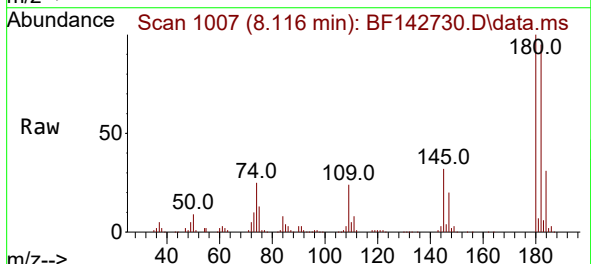
Tgt Ion:162 Resp: 20046
Ion Ratio Lower Upper
162 100
164 62.8 45.1 85.1
98 36.4 16.7 56.7

Manual Integrations
APPROVED

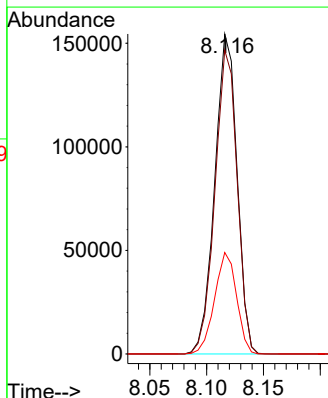
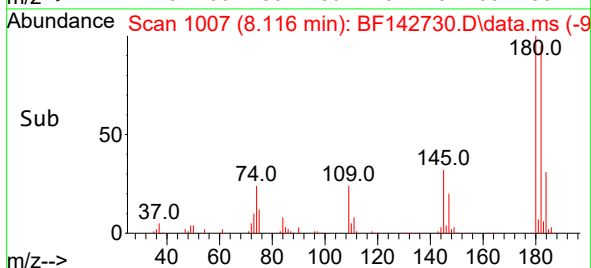
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

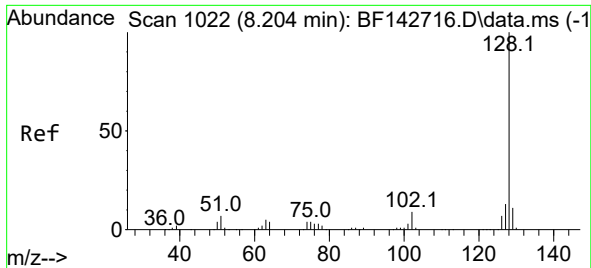


#30
1,2,4-Trichlorobenzene
Concen: 44.428 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



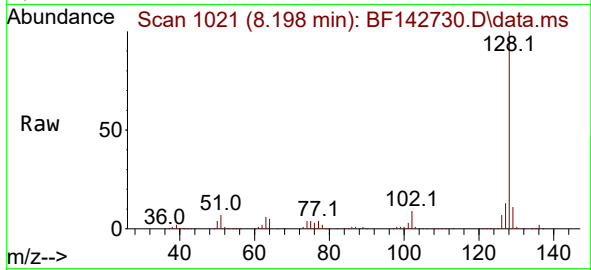
Tgt Ion:180 Resp: 210934
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.7 25.7 38.5





#31
Naphthalene
Concen: 43.869 ng
RT: 8.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

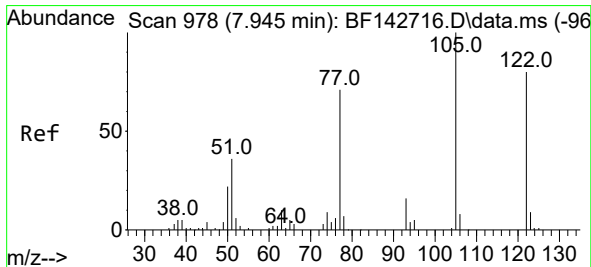
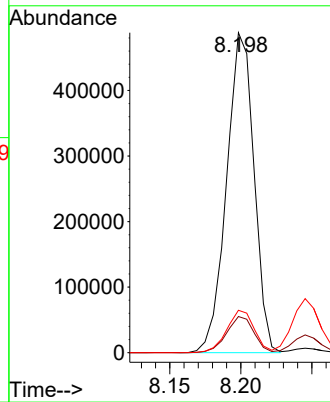
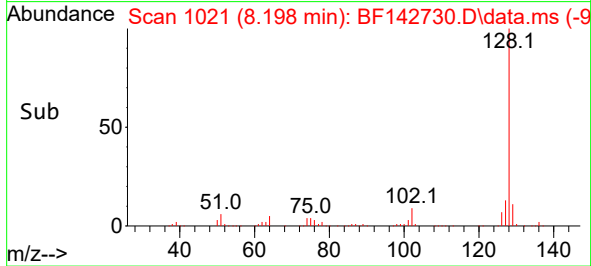
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion:128 Resp: 65550
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.4 15.6

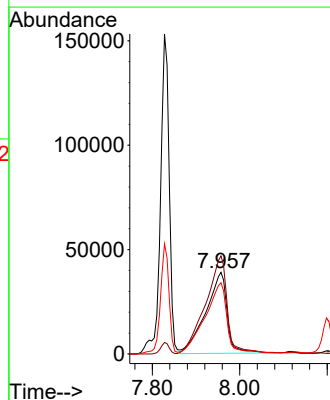
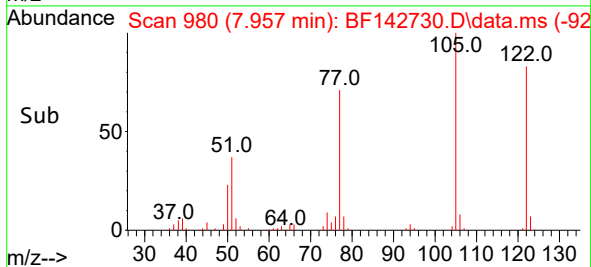
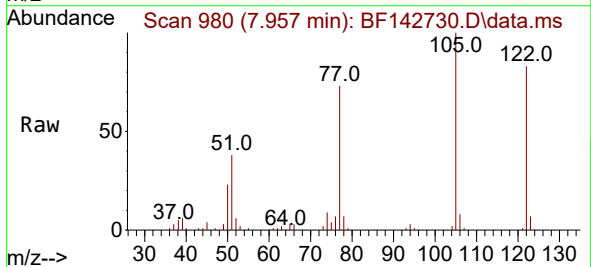
Manual Integrations
APPROVED

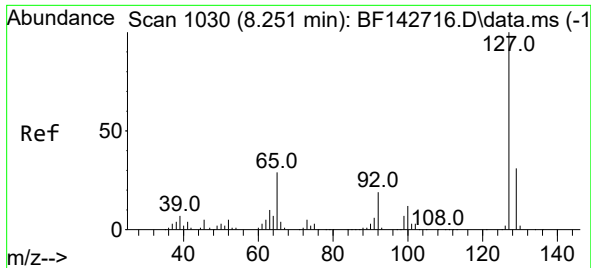
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#32
Benzoic acid
Concen: 50.515 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion:122 Resp: 132448
Ion Ratio Lower Upper
122 100
105 120.2 102.6 142.6
77 87.3 68.2 108.2





#33
4-Chloroaniline
Concen: 19.961 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

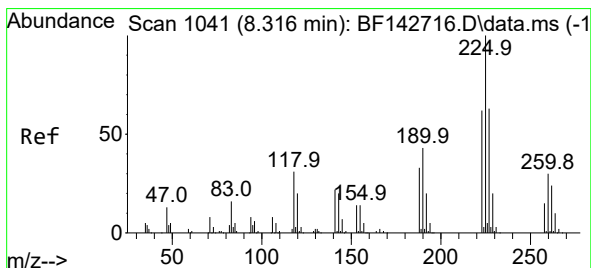
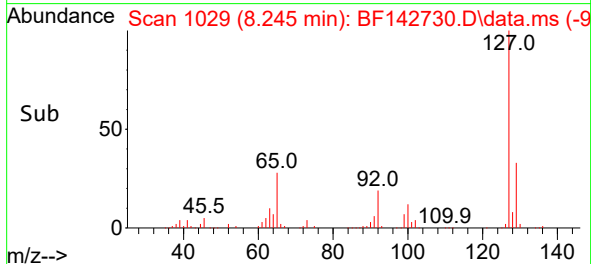
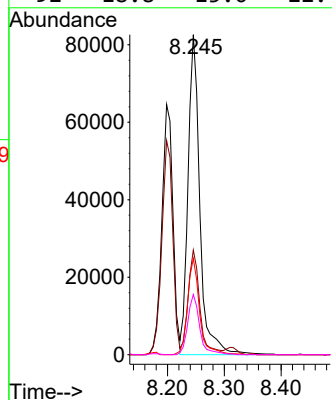
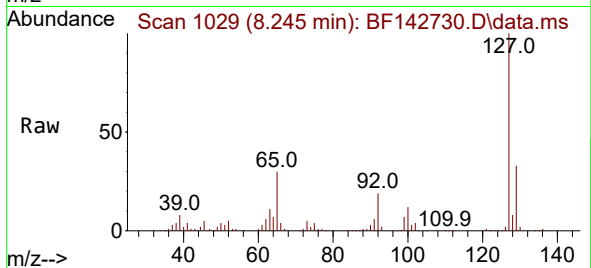
PB168378BSD

Tgt Ion:127 Resp: 119758
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 30.1 23.0 34.4
92 18.8 15.0 22.4

Manual Integrations

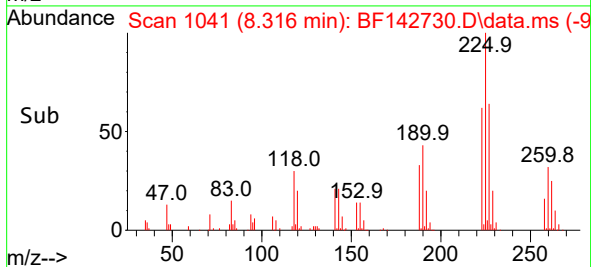
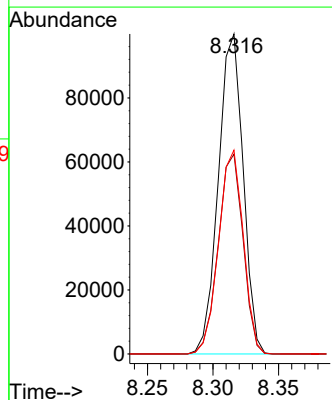
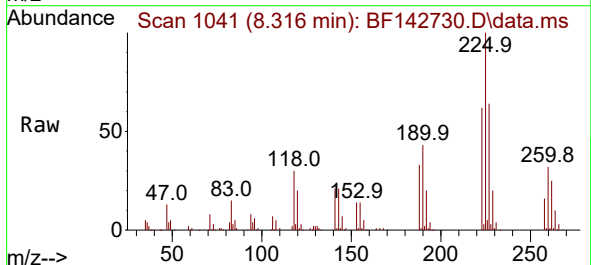
APPROVED

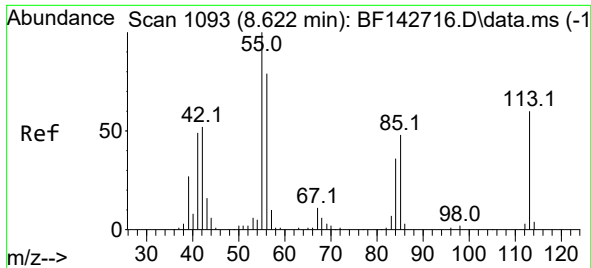
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#34
Hexachlorobutadiene
Concen: 43.463 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion:225 Resp: 131496
Ion Ratio Lower Upper
225 100
223 62.5 49.3 73.9
227 63.7 50.6 75.8





#35
Caprolactam
Concen: 50.698 ng m
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

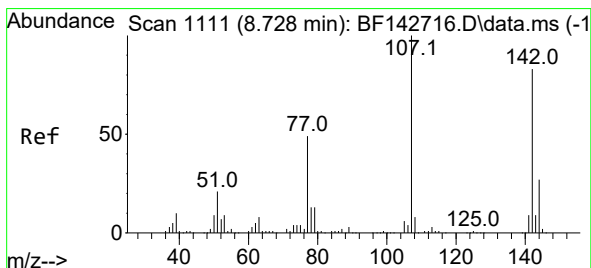
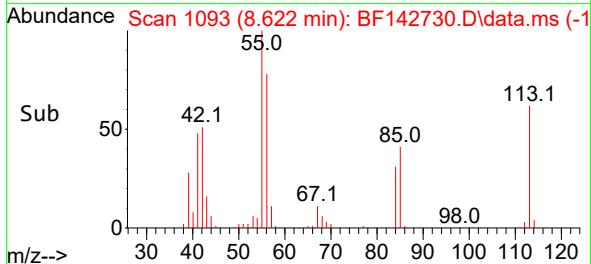
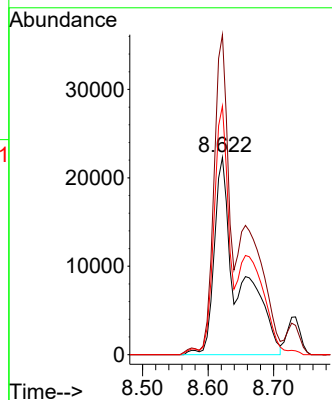
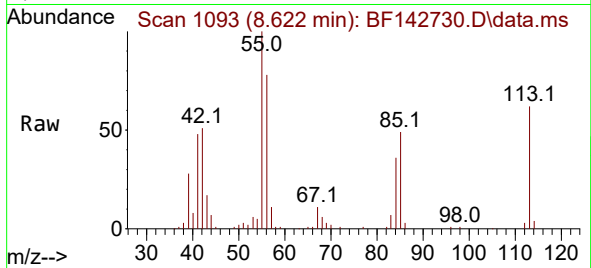
ClientSampleId :

PB168378BSD

Tgt Ion:113 Resp: 58799
Ion Ratio Lower Upper
113 100
55 162.2 147.9 187.9
56 126.0 111.9 151.9

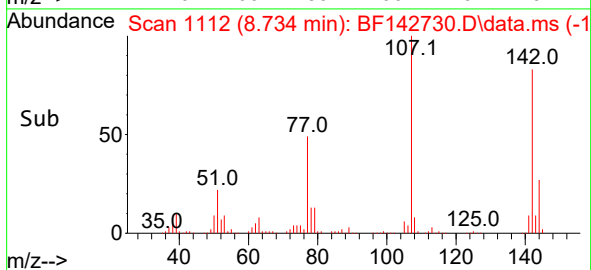
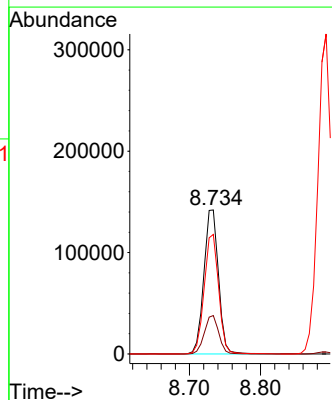
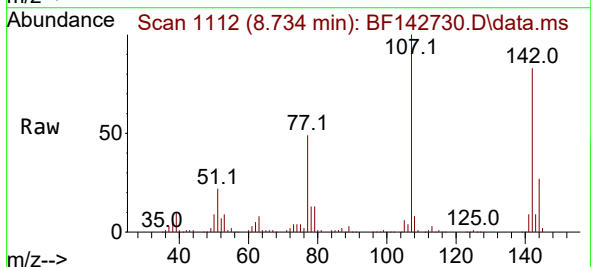
Manual Integrations
APPROVED

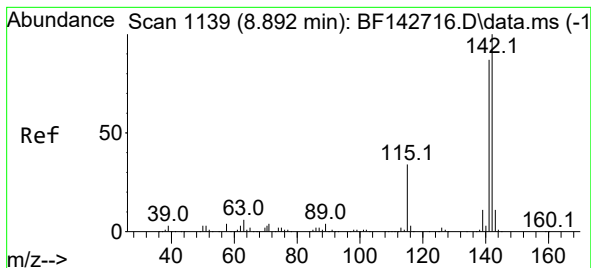
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#36
4-Chloro-3-methylphenol
Concen: 45.712 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

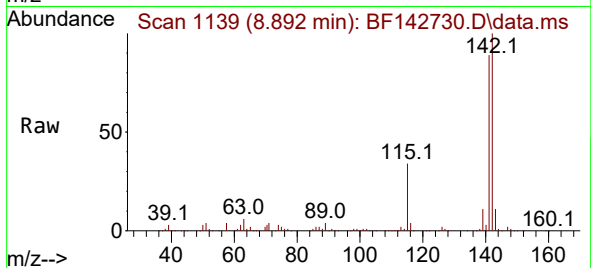
Tgt Ion:107 Resp: 204223
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 82.9 66.2 99.2





#37
2-Methylnaphthalene
Concen: 44.016 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

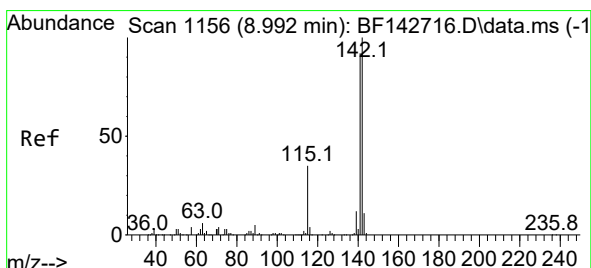
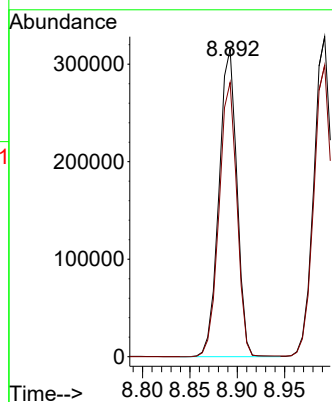
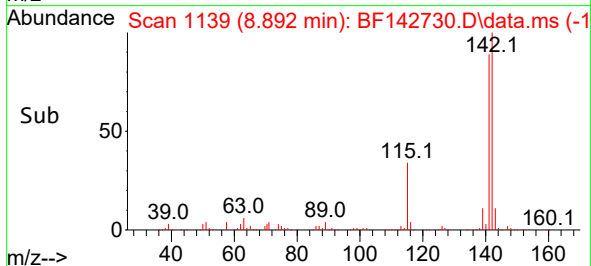
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion:142 Resp: 416294
Ion Ratio Lower Upper
142 100
141 89.2 69.9 104.9

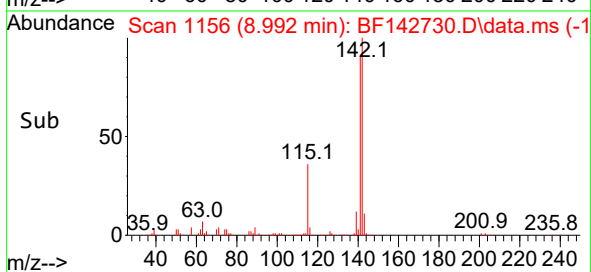
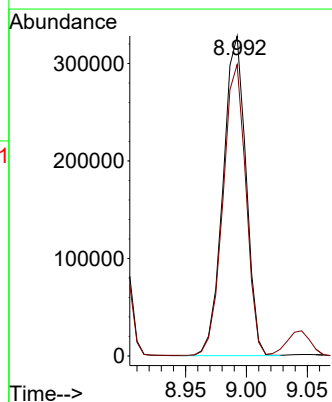
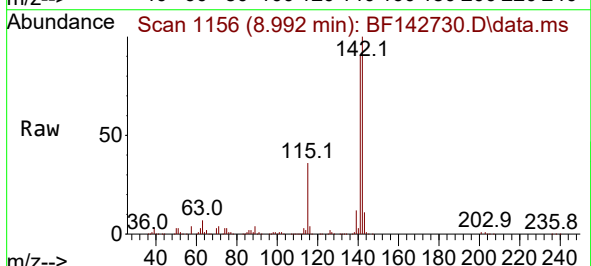
Manual Integrations
APPROVED

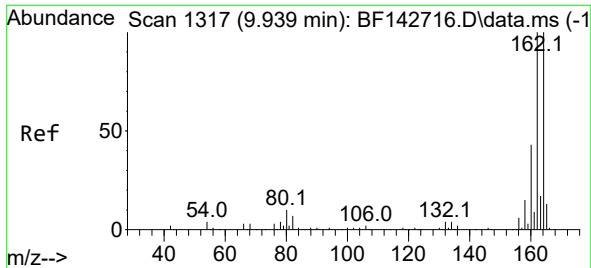
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#38
1-Methylnaphthalene
Concen: 43.802 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion:142 Resp: 429158
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142730.D

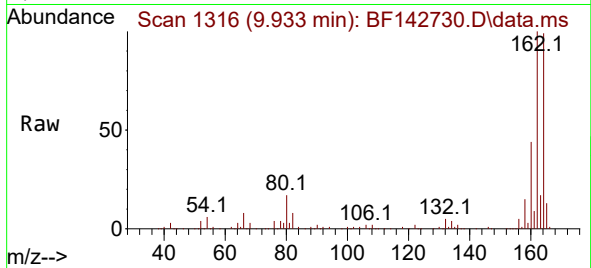
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD



Tgt Ion:164 Resp: 167728

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

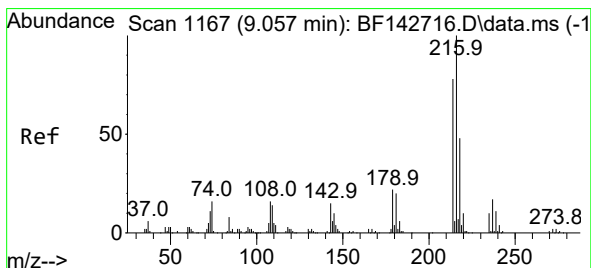
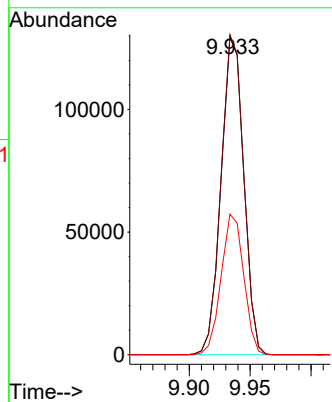
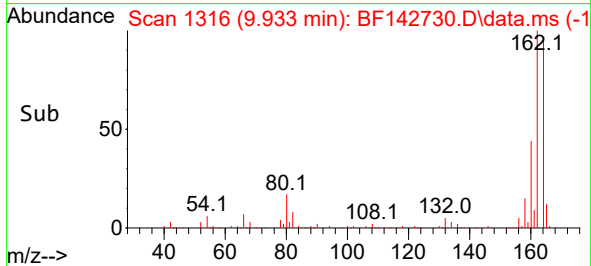
160 44.3 34.8 52.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.228 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Tgt Ion:216 Resp: 214706

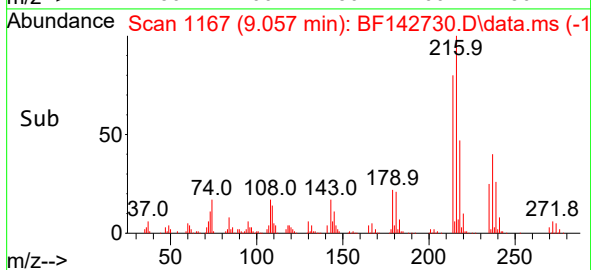
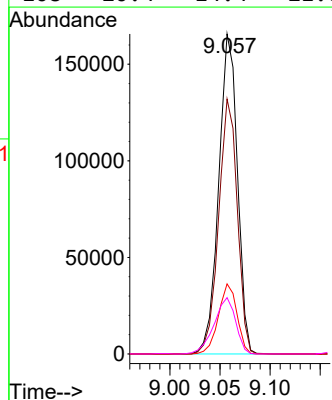
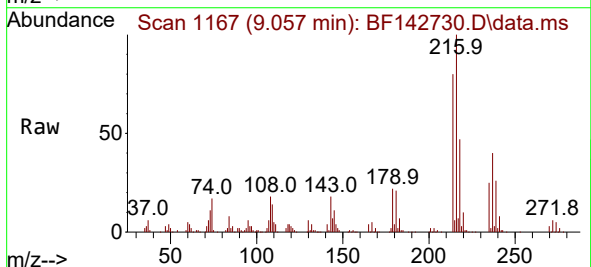
Ion Ratio Lower Upper

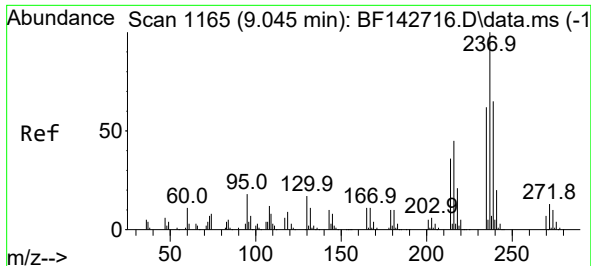
216 100

214 79.4 62.6 94.0

179 21.7 17.1 25.7

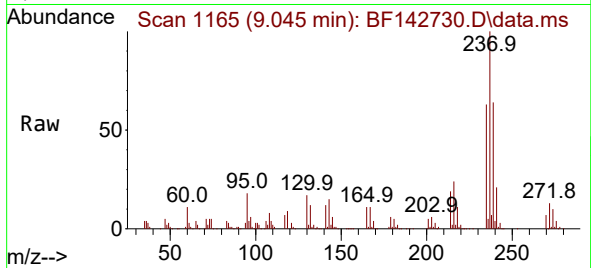
108 20.4 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 92.525 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

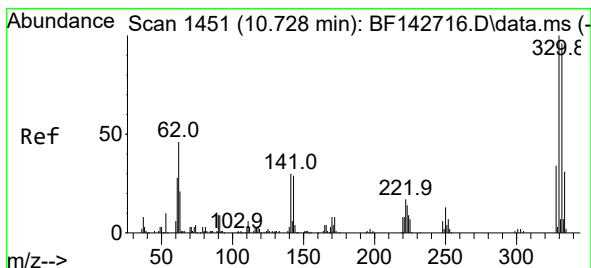
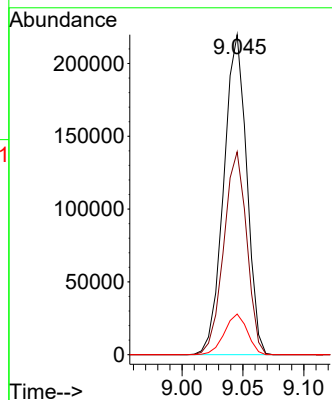
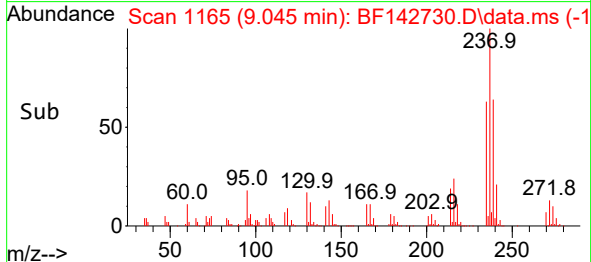
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



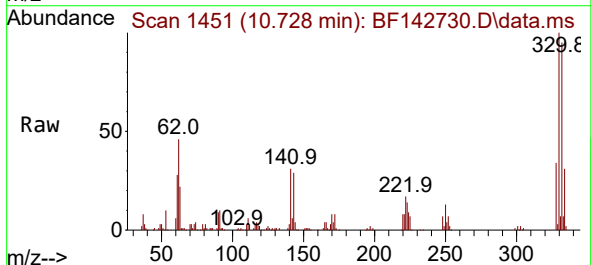
Tgt Ion:237 Resp: 288280
Ion Ratio Lower Upper
237 100
235 63.4 41.9 81.9
272 12.7 0.0 32.5

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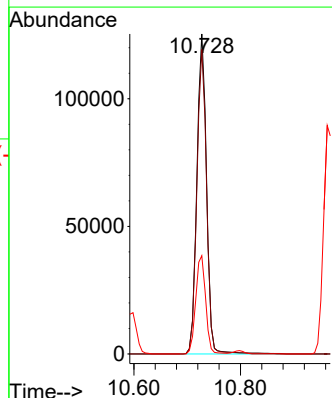
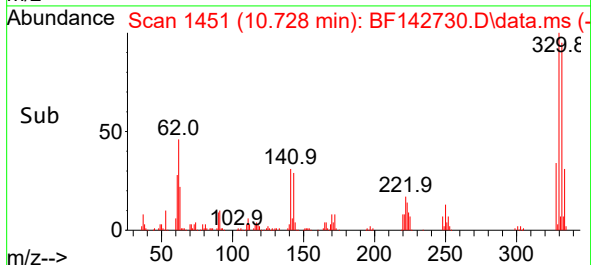
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

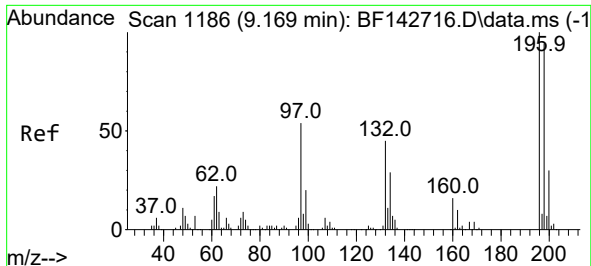


#42
2,4,6-Tribromophenol
Concen: 86.255 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



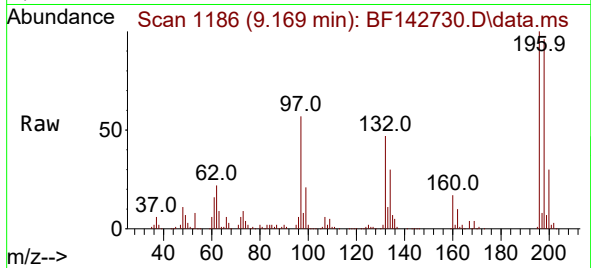
Tgt Ion:330 Resp: 158560
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 31.5 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 46.554 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

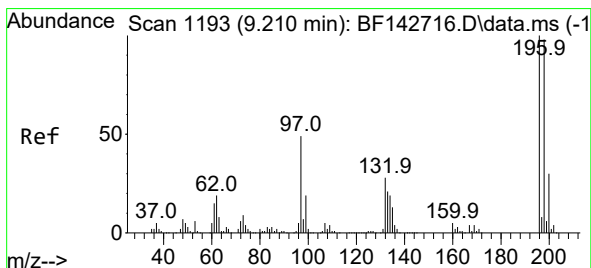
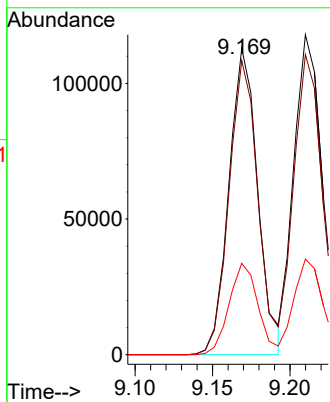
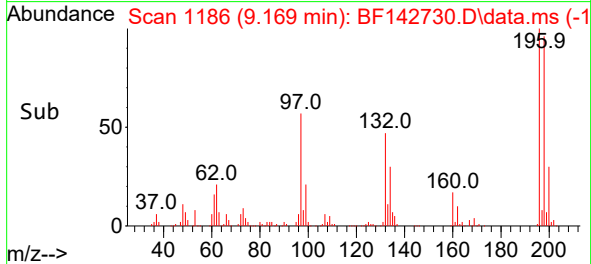
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



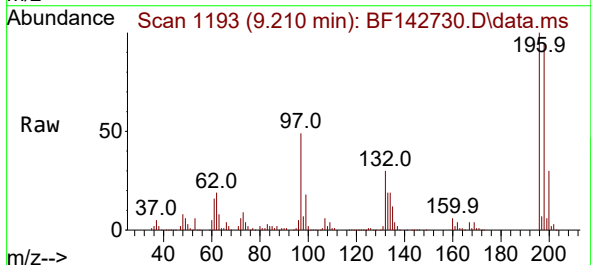
Tgt Ion:196 Resp: 14629
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
200 29.8 23.8 35.8

Manual Integrations
APPROVED

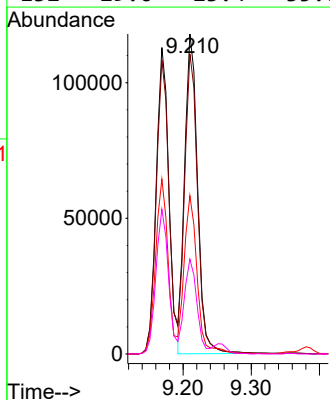
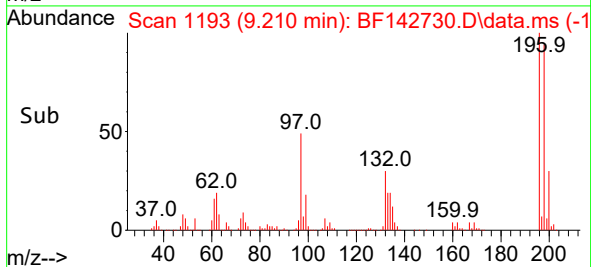
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

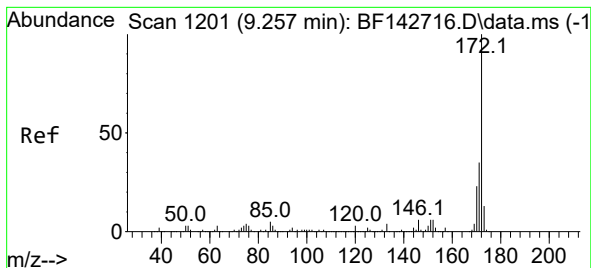


#44
2,4,5-Trichlorophenol
Concen: 45.624 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



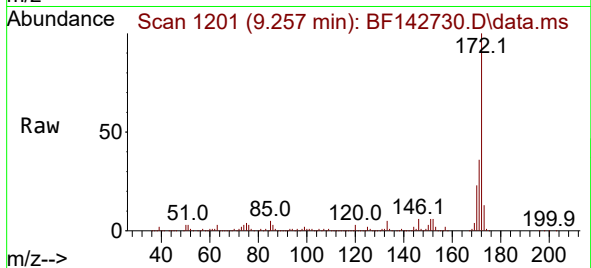
Tgt Ion:196 Resp: 154850
Ion Ratio Lower Upper
196 100
198 93.8 78.2 117.2
97 49.4 38.6 57.8
132 29.6 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 77.373 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

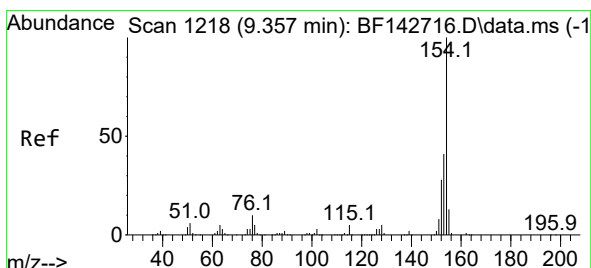
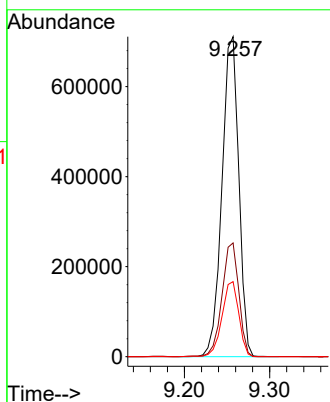
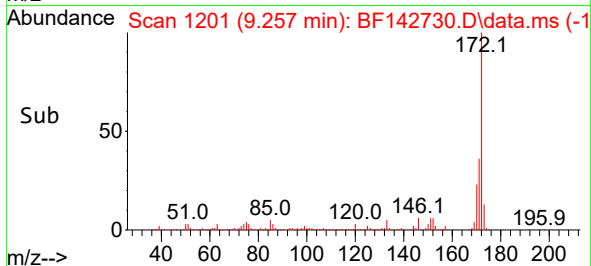
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



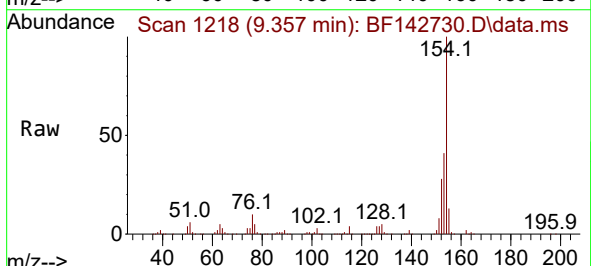
Tgt Ion:172 Resp: 976819
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 27.8

Manual Integrations
APPROVED

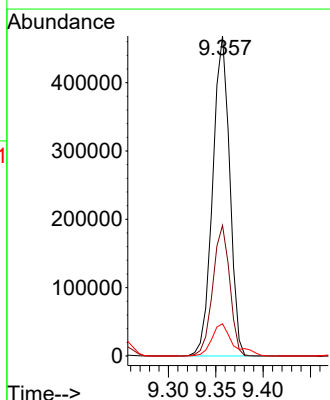
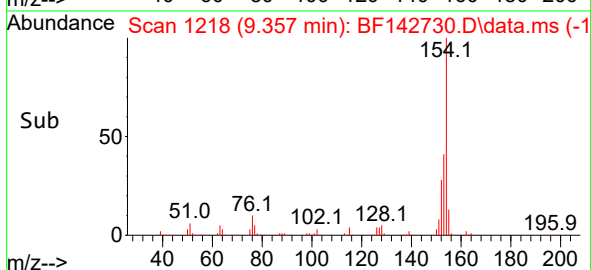
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

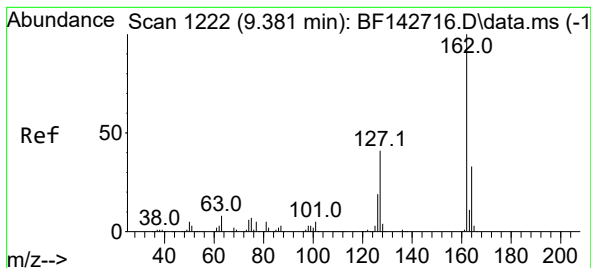


#46
1,1'-Biphenyl
Concen: 44.791 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:154 Resp: 583366
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 10.0 0.0 30.2





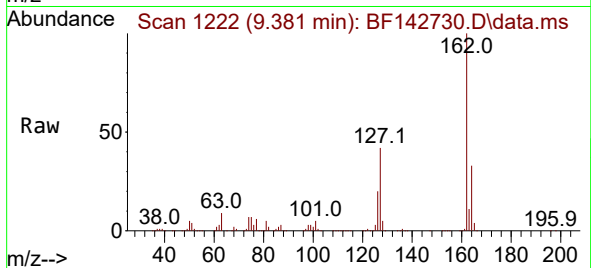
#47
2-Chloronaphthalene
Concen: 44.965 ng
RT: 9.381 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

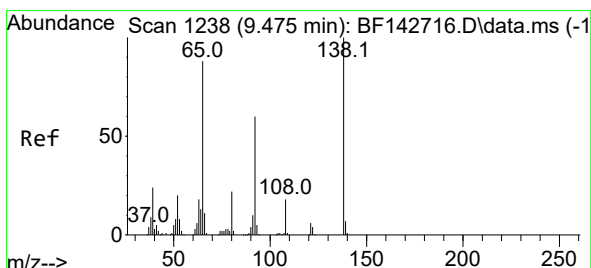
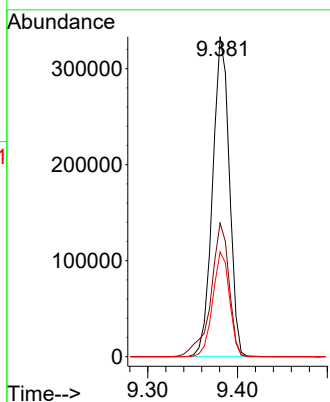
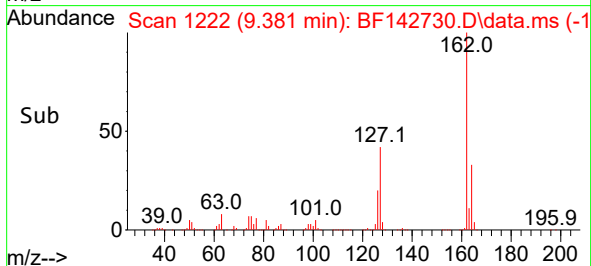


Tgt Ion:162 Resp: 431454
Ion Ratio Lower Upper
162 100
127 41.7 33.5 50.3
164 32.8 26.1 39.1

Manual Integrations

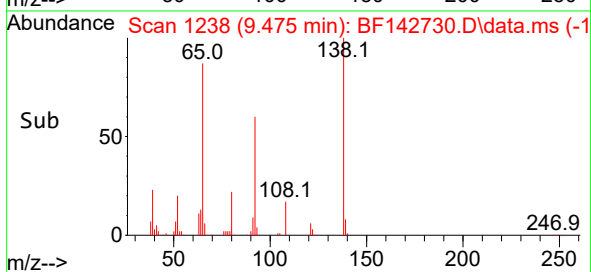
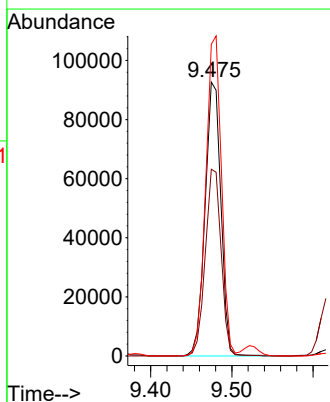
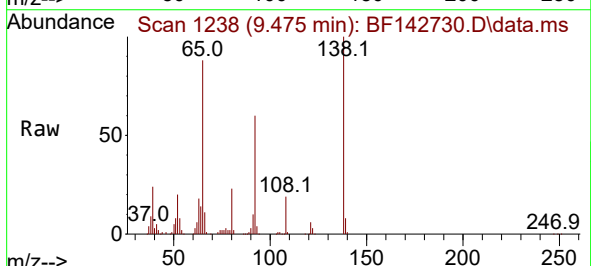
APPROVED

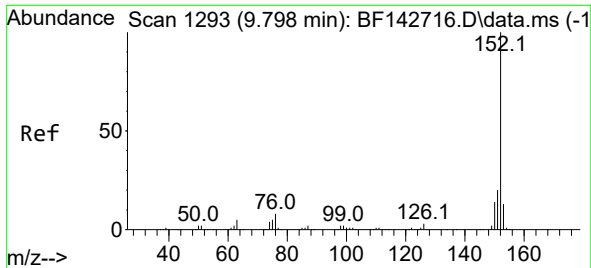
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#48
2-Nitroaniline
Concen: 45.764 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Tgt Ion: 65 Resp: 124893
Ion Ratio Lower Upper
65 100
92 68.1 54.5 81.7
138 113.7 90.6 136.0





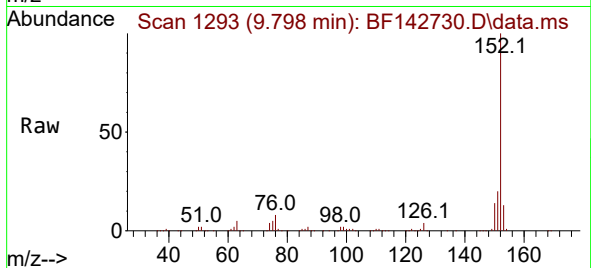
#49
Acenaphthylene
Concen: 44.738 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

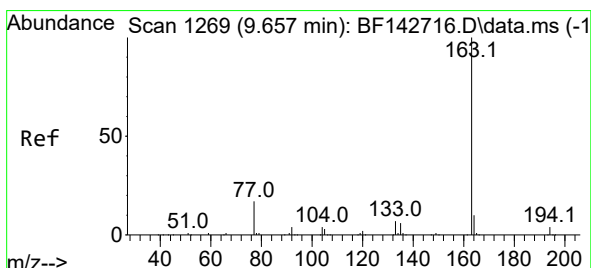
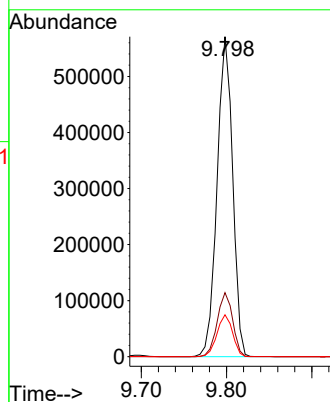
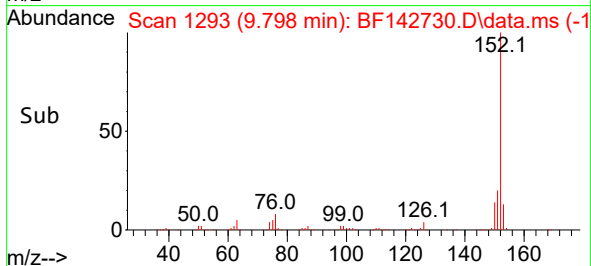


Tgt Ion:152 Resp: 723824
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.5 15.7

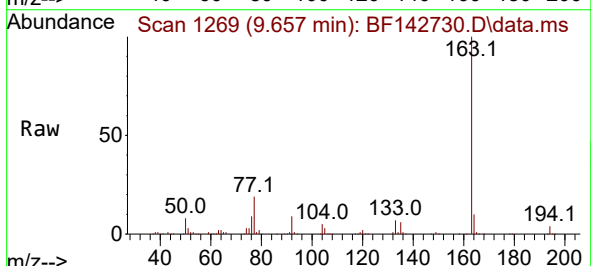
Manual Integrations

APPROVED

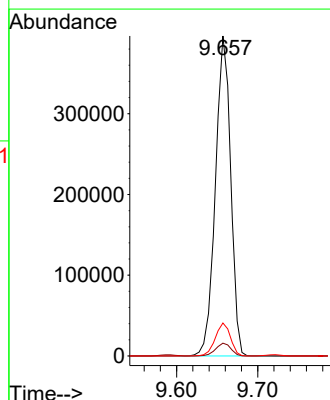
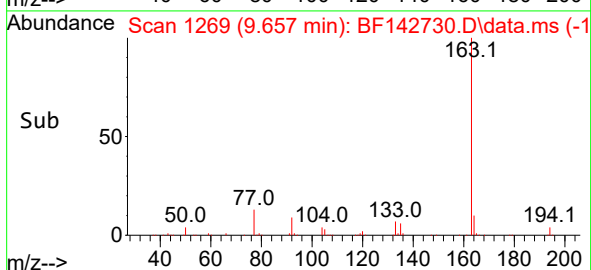
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

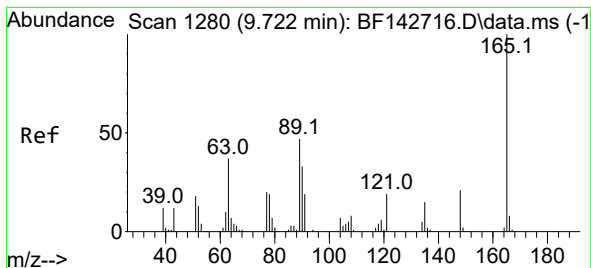


#50
Dimethylphthalate
Concen: 46.303 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



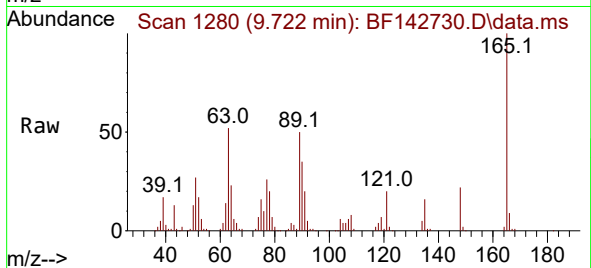
Tgt Ion:163 Resp: 518619
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.596 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

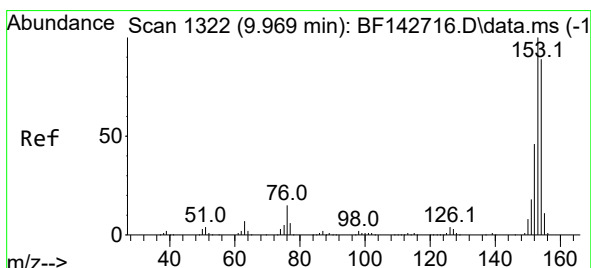
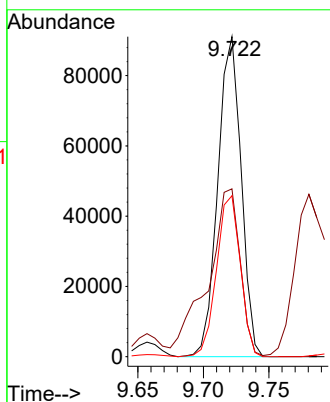
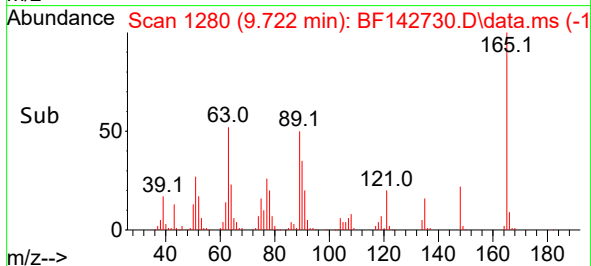
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



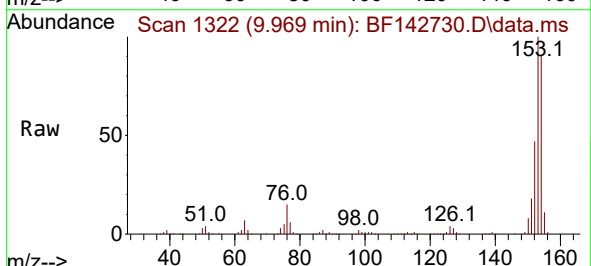
Tgt Ion:165 Resp: 112790
Ion Ratio Lower Upper
165 100
63 52.5 40.6 60.8
89 50.3 37.6 56.4

Manual Integrations
APPROVED

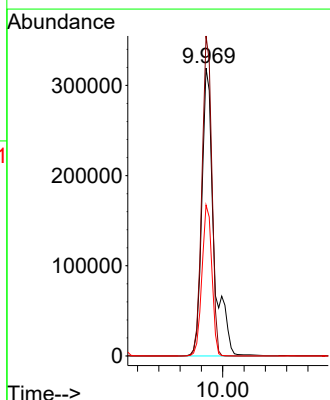
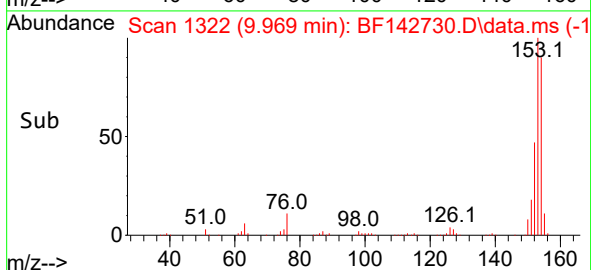
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

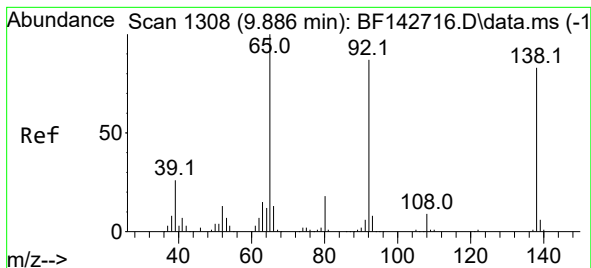


#52
Acenaphthene
Concen: 49.902 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



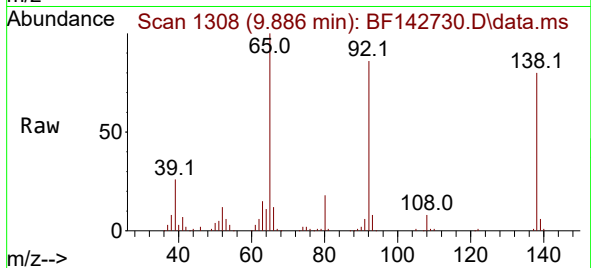
Tgt Ion:154 Resp: 500577
Ion Ratio Lower Upper
154 100
153 111.2 90.1 135.1
152 52.4 41.9 62.9





#53
3-Nitroaniline
Concen: 29.048 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

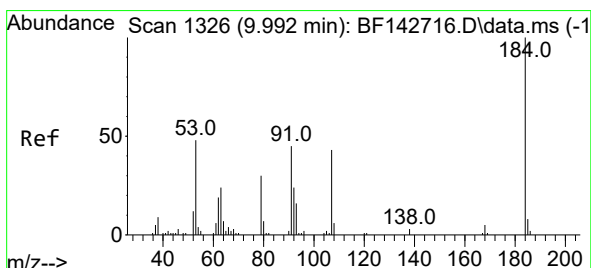
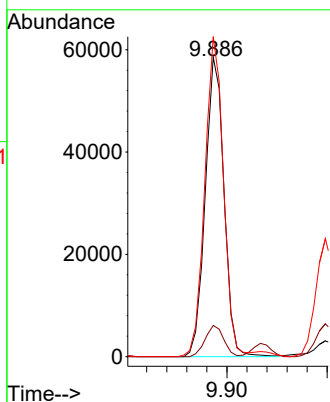
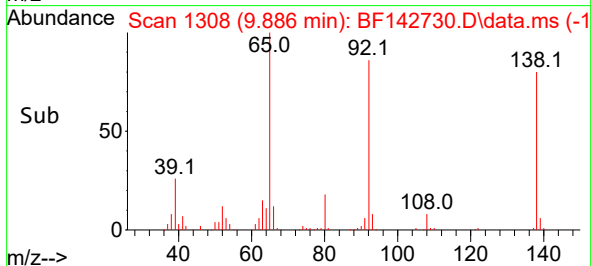
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



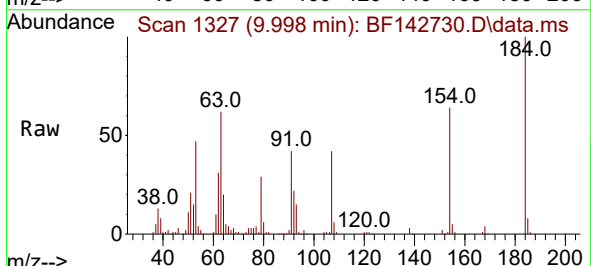
Tgt Ion:138 Resp: 76269
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 106.8 84.6 127.0

Manual Integrations
APPROVED

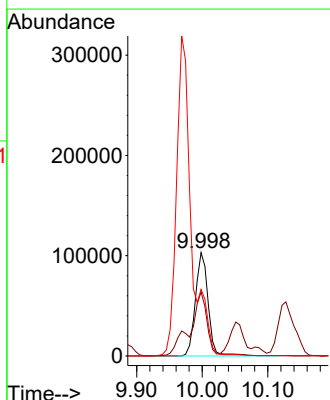
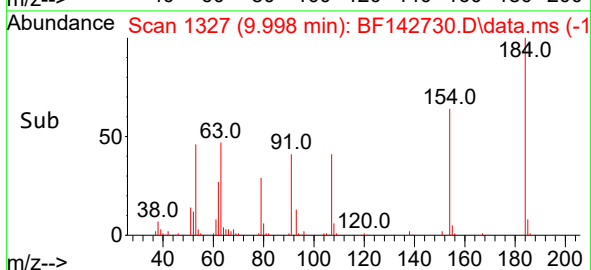
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

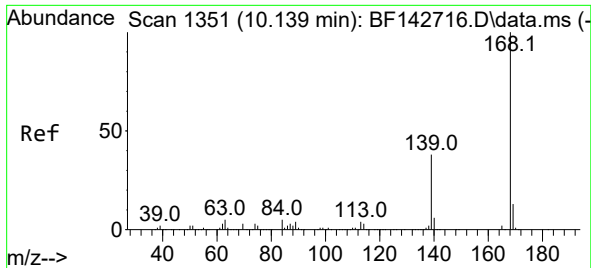


#54
2,4-Dinitrophenol
Concen: 105.771 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



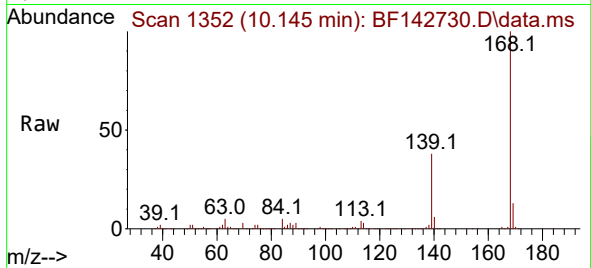
Tgt Ion:184 Resp: 140255
Ion Ratio Lower Upper
184 100
63 61.9 51.7 77.5
154 64.4 60.1 90.1





#55
Dibenzofuran
Concen: 44.270 ng
RT: 10.145 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

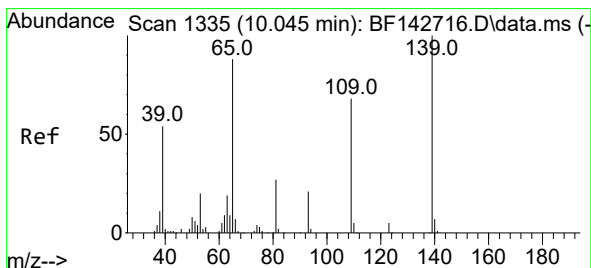
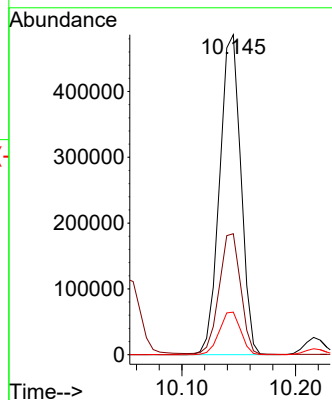
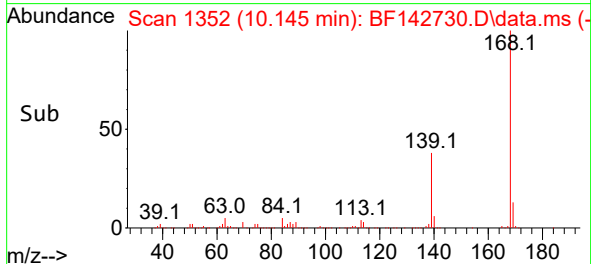
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion:168 Resp: 632379
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3
169 13.3 10.8 16.2

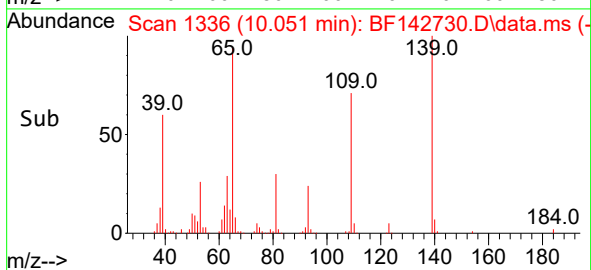
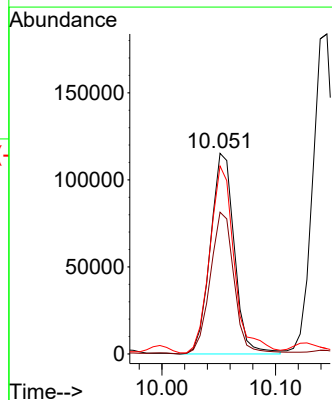
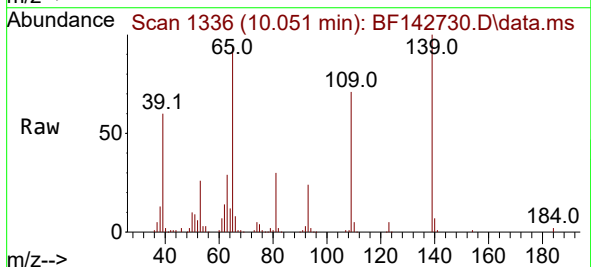
Manual Integrations
APPROVED

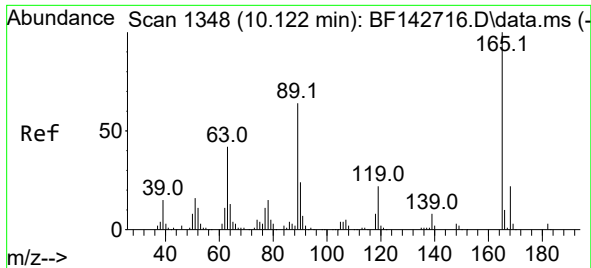
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#56
4-Nitrophenol
Concen: 95.007 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

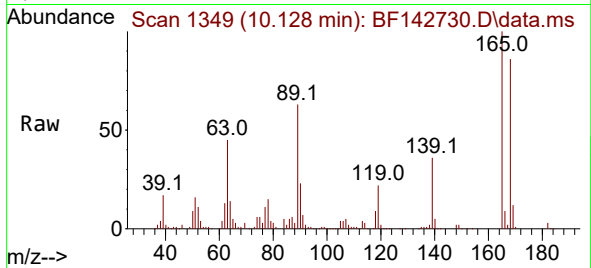
Tgt Ion:139 Resp: 169187
Ion Ratio Lower Upper
139 100
109 70.6 47.5 87.5
65 93.7 69.2 109.2





#57
2,4-Dinitrotoluene
Concen: 48.034 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

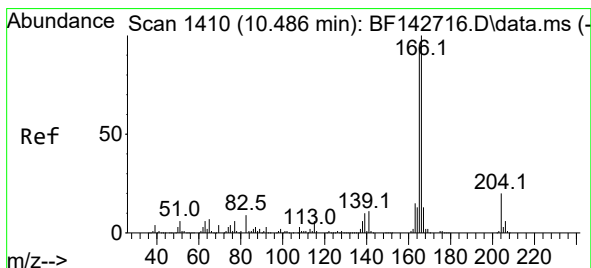
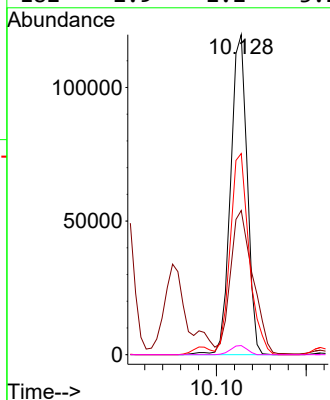
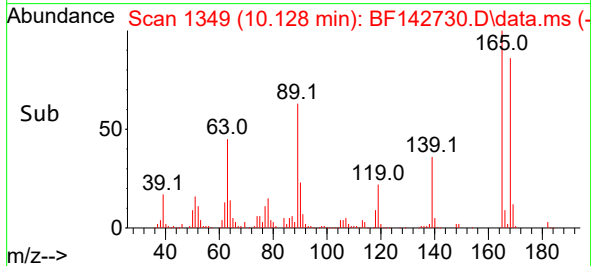
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



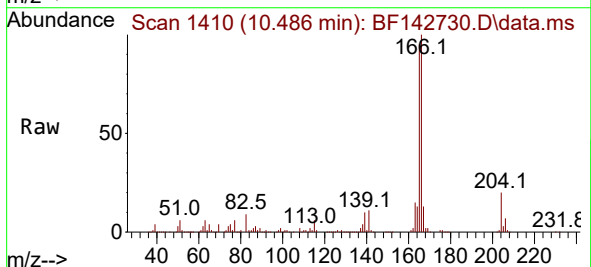
Tgt Ion:165 Resp: 153739
Ion Ratio Lower Upper
165 100
63 45.0 34.1 51.1
89 62.8 50.8 76.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

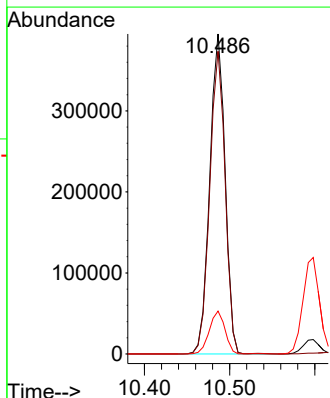
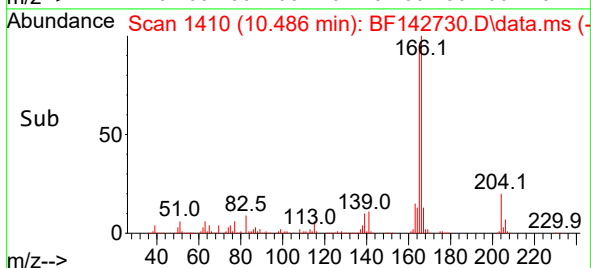
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

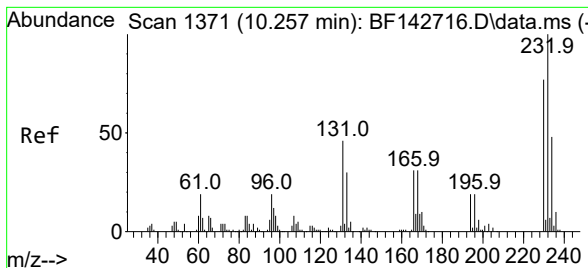


#58
Fluorene
Concen: 43.988 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



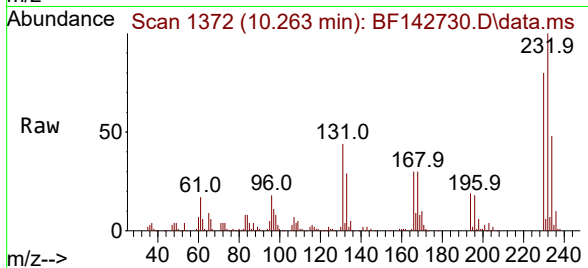
Tgt Ion:166 Resp: 496194
Ion Ratio Lower Upper
166 100
165 94.6 74.9 112.3
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

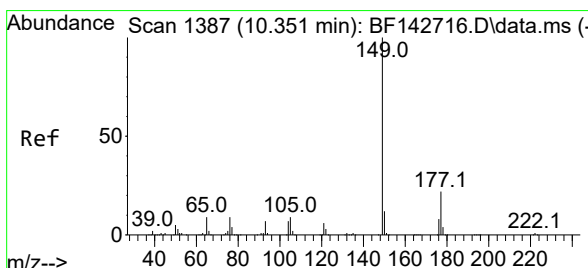
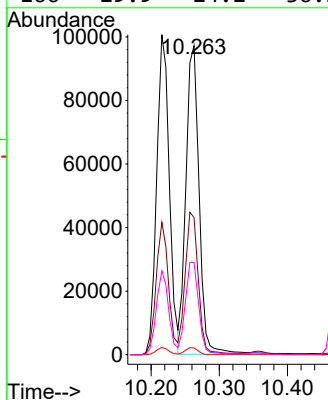
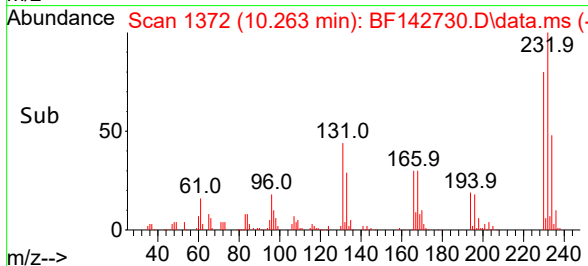
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



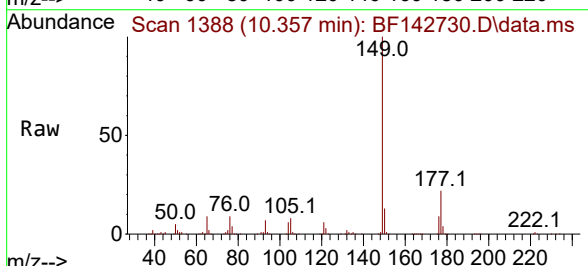
Tgt Ion:232 Resp: 12934
Ion Ratio Lower Upper
232 100
131 45.9 35.8 53.8
130 2.2 1.8 2.6
166 29.9 24.2 36.2

Manual Integrations
APPROVED

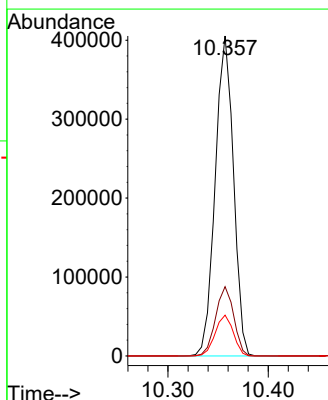
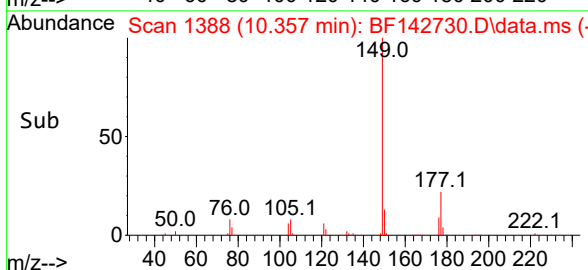
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

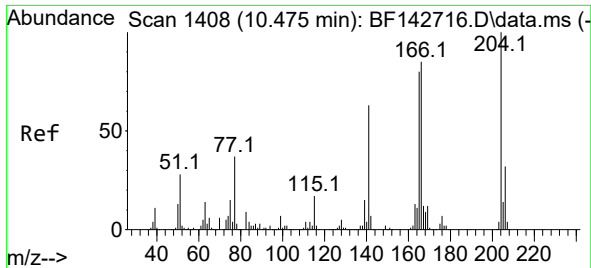


#60
Diethylphthalate
Concen: 46.113 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



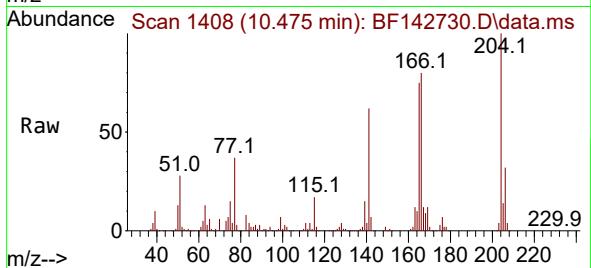
Tgt Ion:149 Resp: 512148
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.592 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

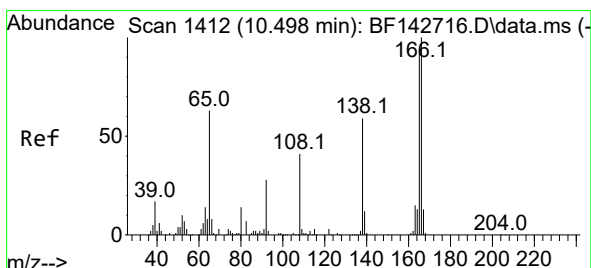
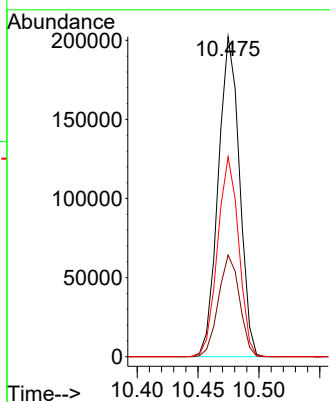
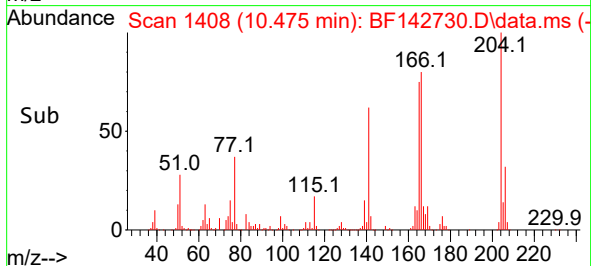
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



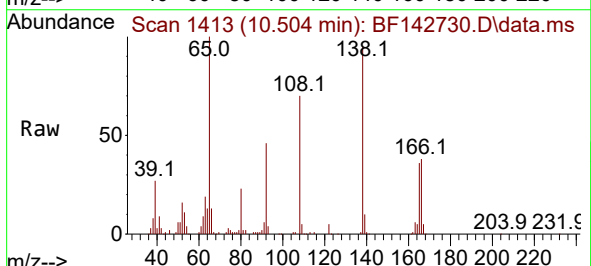
Tgt Ion:204 Resp: 245652
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 62.4 50.2 75.4

Manual Integrations
APPROVED

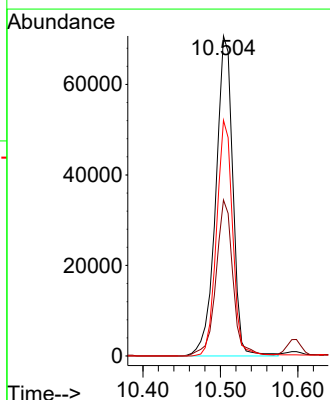
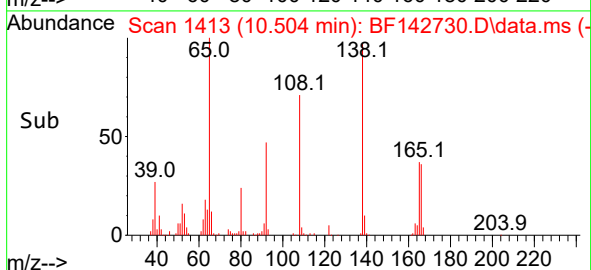
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

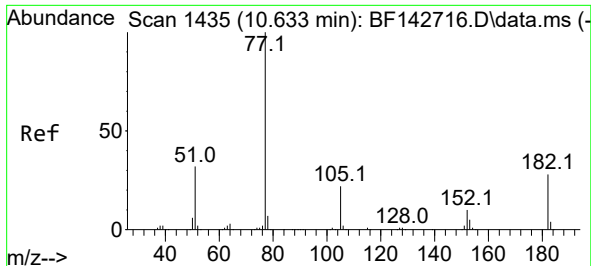


#62
4-Nitroaniline
Concen: 46.097 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



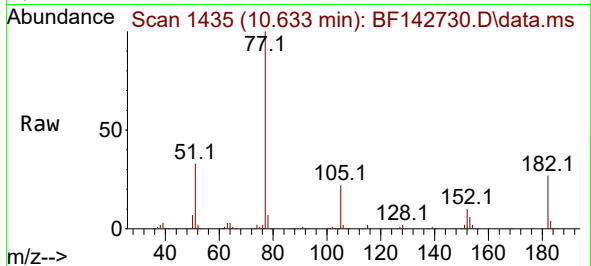
Tgt Ion:138 Resp: 108281
Ion Ratio Lower Upper
138 100
92 48.7 27.2 67.2
108 73.7 49.9 89.9





#63
Azobenzene
Concen: 45.250 ng
RT: 10.633 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

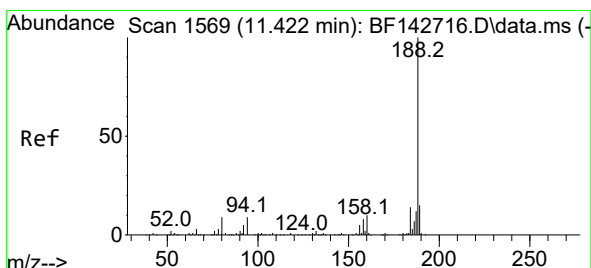
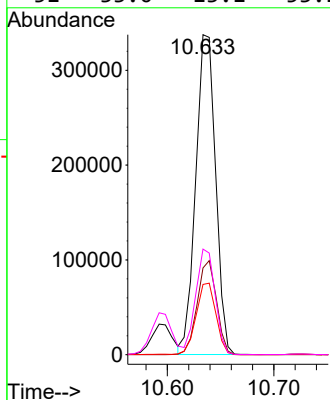
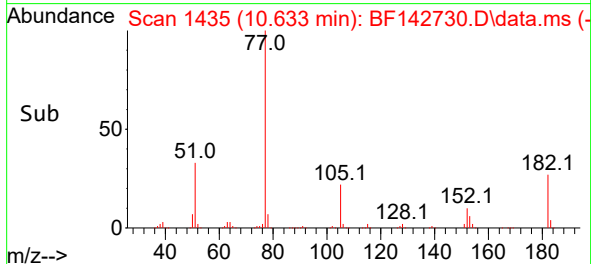
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



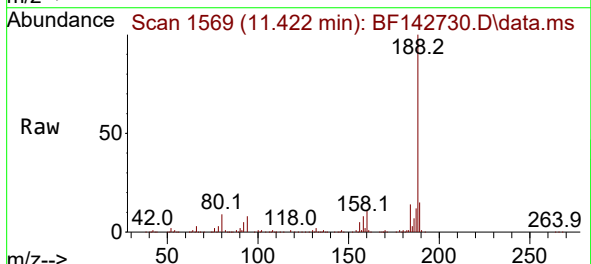
Tgt Ion: 77 Resp: 438915
Ion Ratio Lower Upper
77 100
182 27.1 7.8 47.8
105 22.0 1.9 41.9
51 33.0 13.1 53.1

Manual Integrations
APPROVED

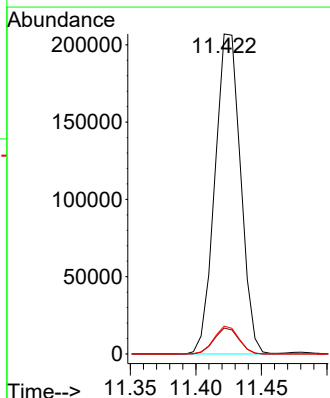
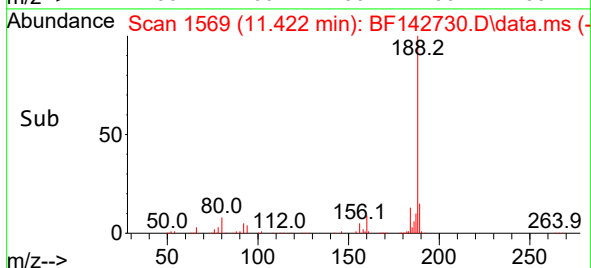
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

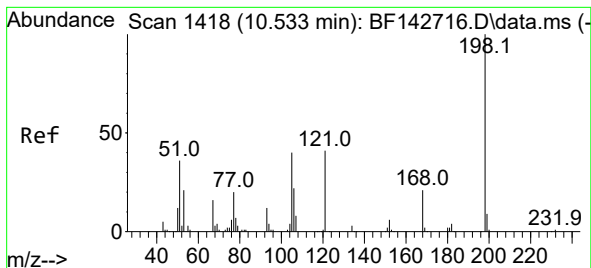


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:188 Resp: 281544
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.1 10.7





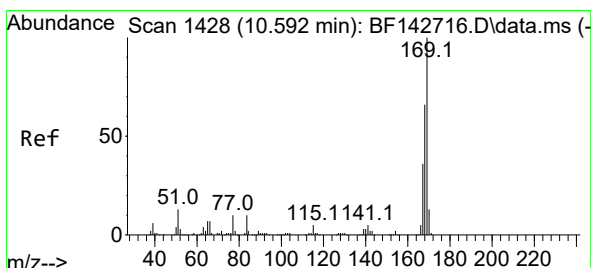
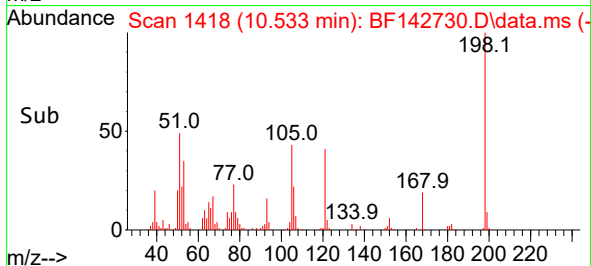
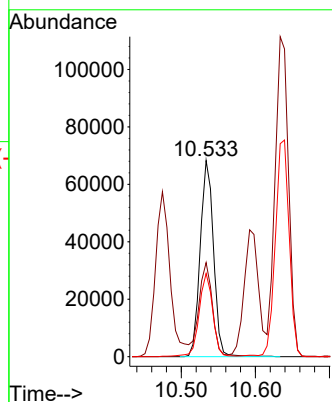
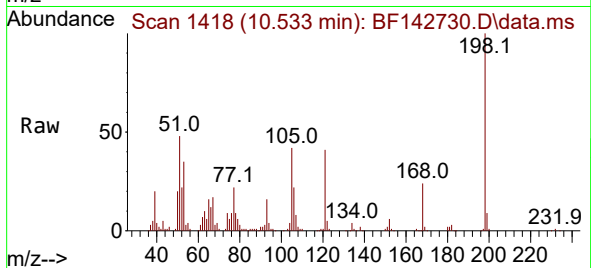
#65
4,6-Dinitro-2-methylphenol
Concen: 48.347 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Tgt Ion:198 Resp: 85240
Ion Ratio Lower Upper
198 100
51 48.0 25.5 65.5
105 42.4 21.1 61.1

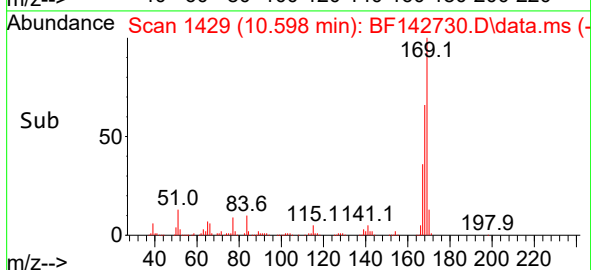
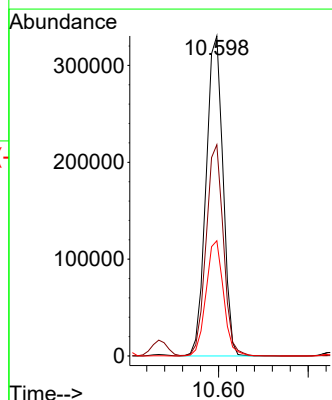
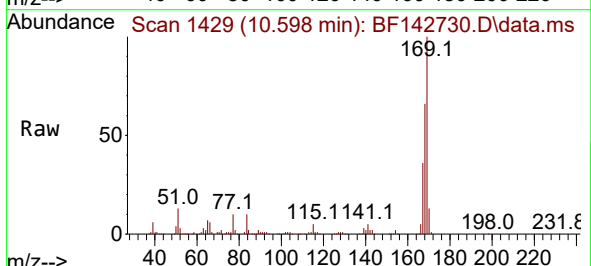
Manual Integrations
APPROVED

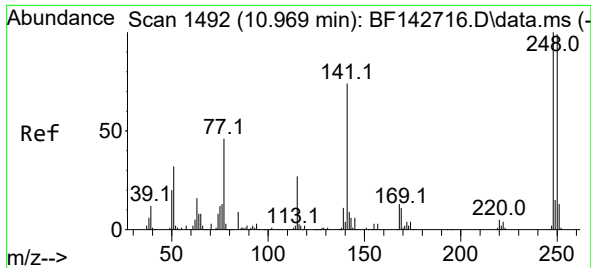
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#66
n-Nitrosodiphenylamine
Concen: 44.751 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

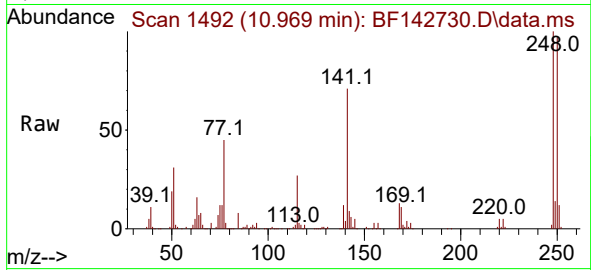
Tgt Ion:169 Resp: 433082
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.4
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.628 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

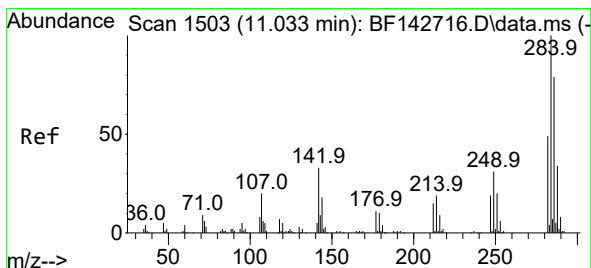
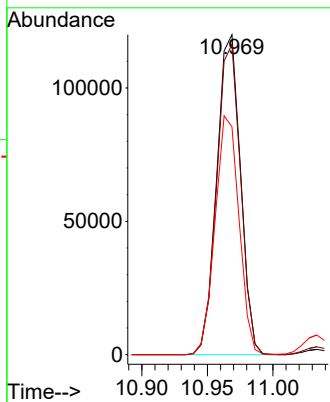
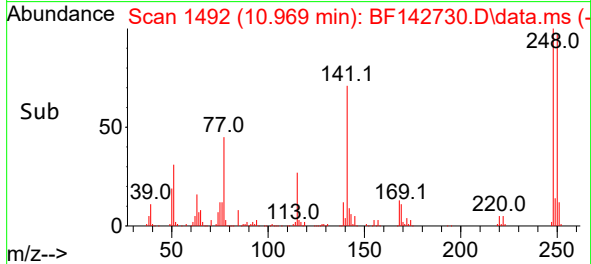
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



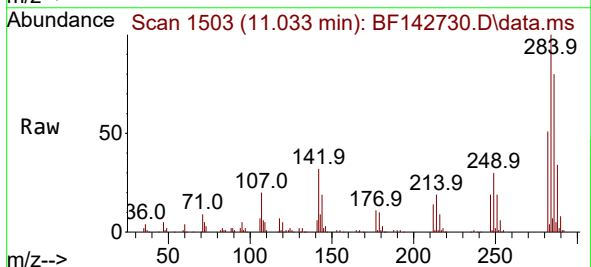
Tgt Ion:248 Resp: 151630
Ion Ratio Lower Upper
248 100
250 97.0 79.2 118.8
141 71.2 59.3 88.9

Manual Integrations
APPROVED

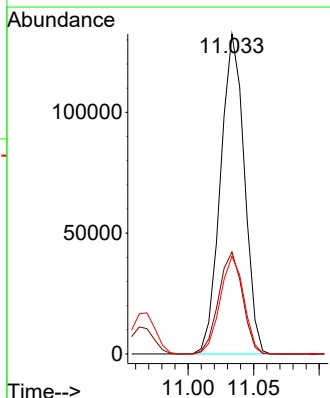
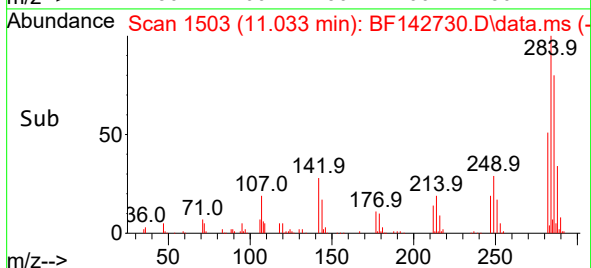
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

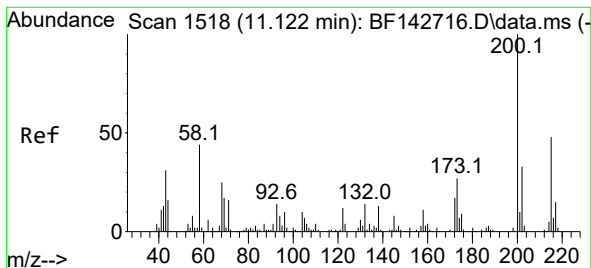


#68
Hexachlorobenzene
Concen: 45.291 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:284 Resp: 167076
Ion Ratio Lower Upper
284 100
142 31.8 26.0 39.0
249 30.5 24.6 37.0





#69

Atrazine

Concen: 49.660 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

Tgt Ion:200 Resp: 128130

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

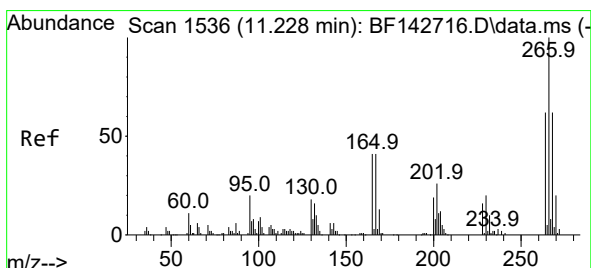
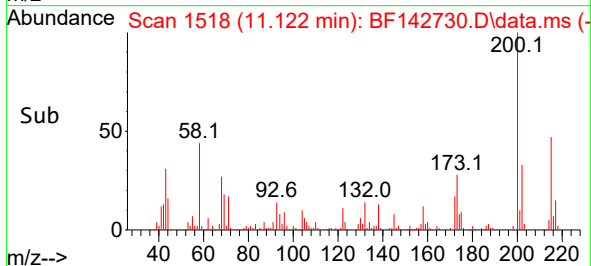
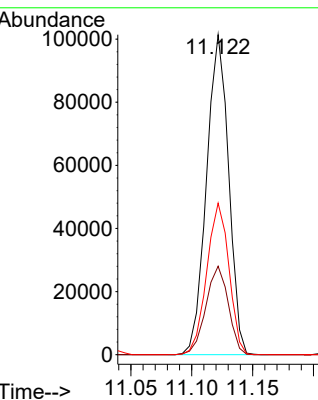
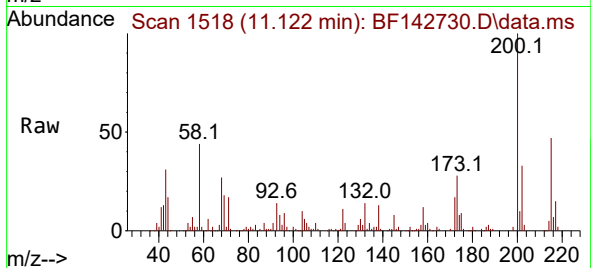
215 47.3 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 92.457 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

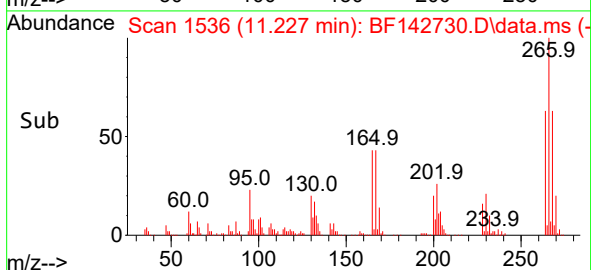
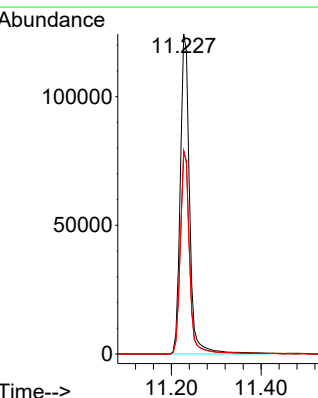
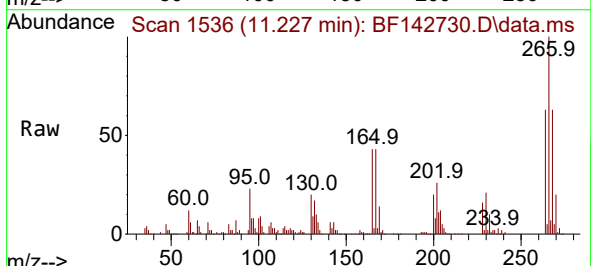
Tgt Ion:266 Resp: 178786

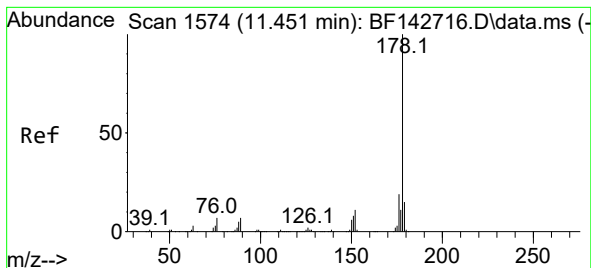
Ion Ratio Lower Upper

266 100

268 63.3 49.6 74.4

264 63.5 49.5 74.3





#71

Phenanthrene

Concen: 44.643 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

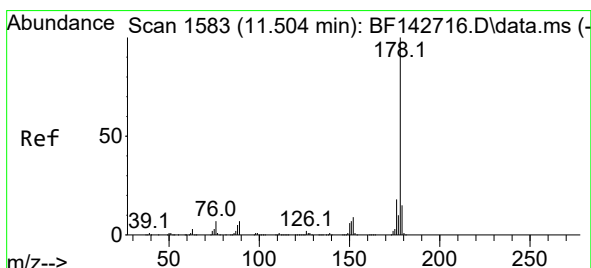
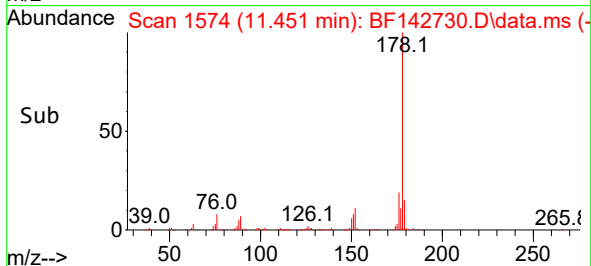
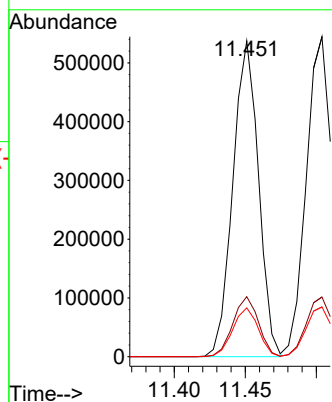
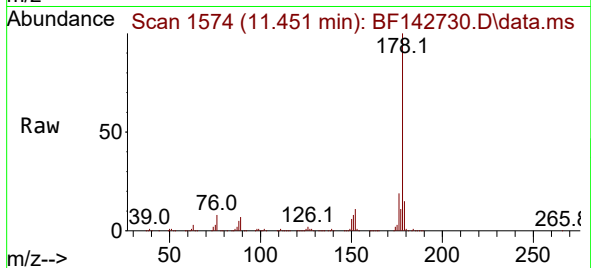
Tgt Ion:178 Resp: 67337

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.2	18.4

Manual Integrations

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



#72

Anthracene

Concen: 44.314 ng

RT: 11.504 min Scan# 1583

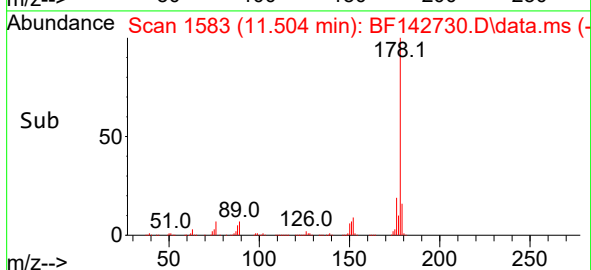
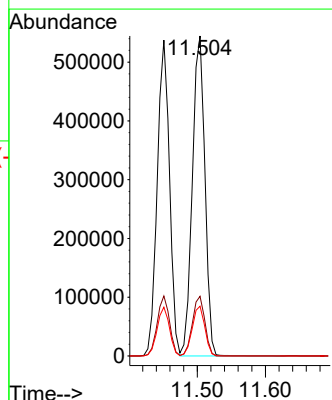
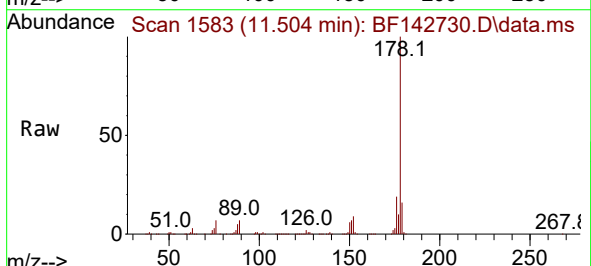
Delta R.T. -0.000 min

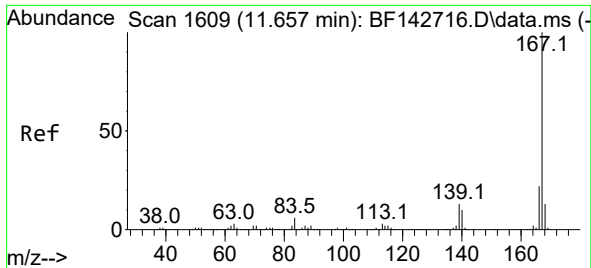
Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Tgt Ion:178 Resp: 691444

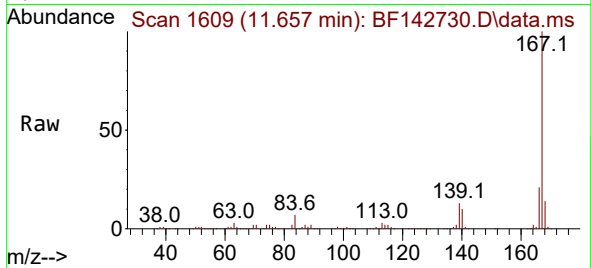
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.6	12.2	18.2





#73
 Carbazole
 Concen: 45.030 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142730.D
 Acq: 11 Jun 2025 12:49

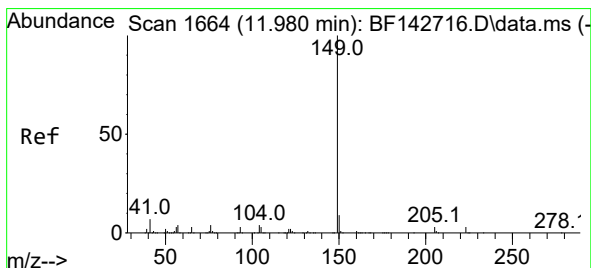
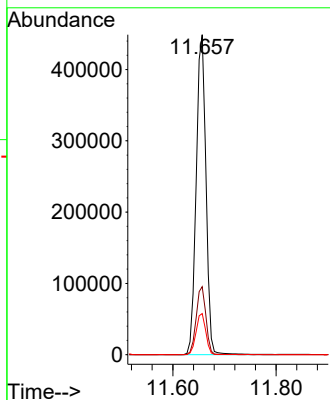
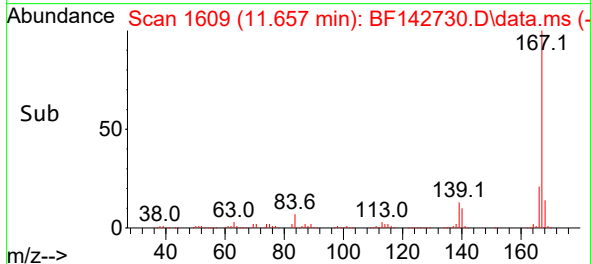
Instrument :
 BNA_F
 ClientSampleId :
 PB168378BSD



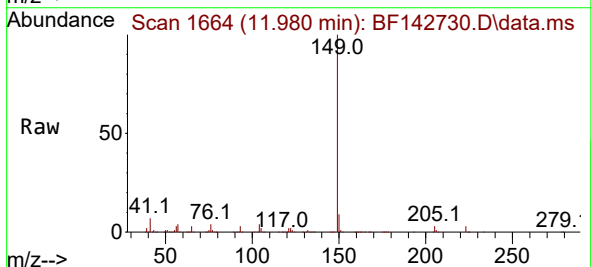
Tgt Ion:167 Resp: 588200
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.9 10.2 15.4

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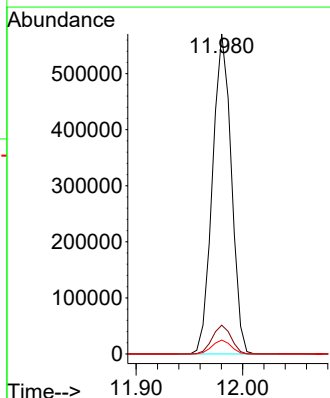
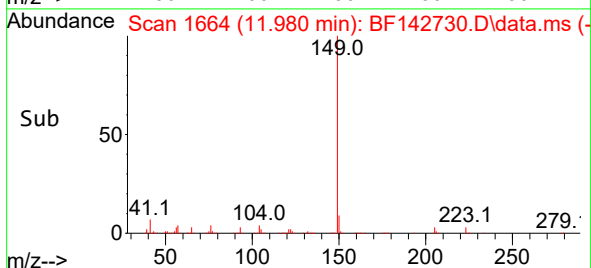
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

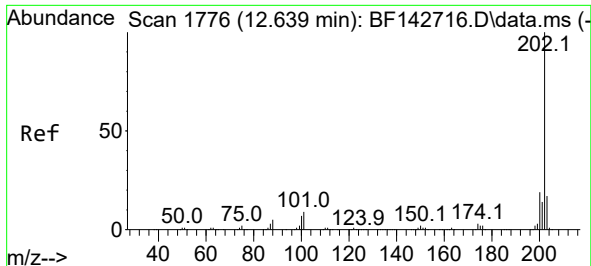


#74
 Di-n-butylphthalate
 Concen: 48.030 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF142730.D
 Acq: 11 Jun 2025 12:49



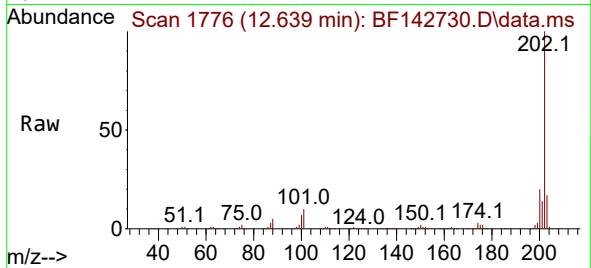
Tgt Ion:149 Resp: 700567
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 44.291 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

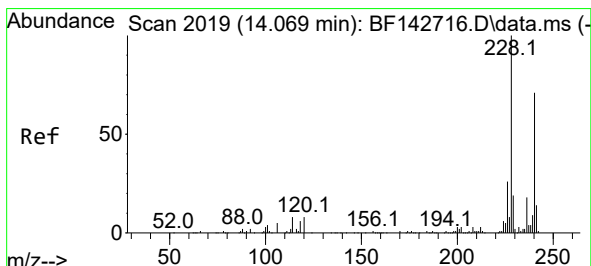
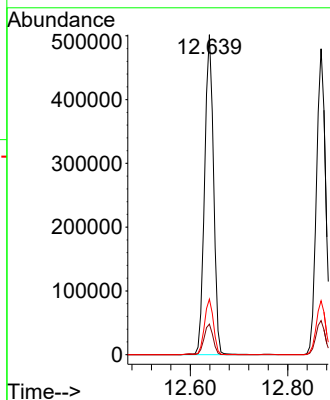
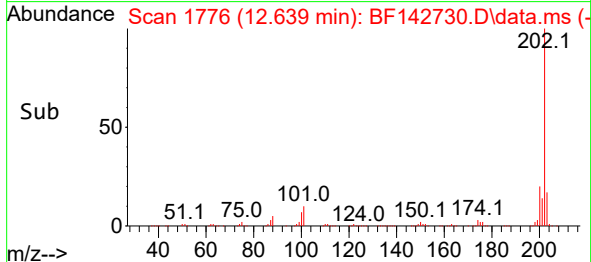
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



Tgt Ion:202 Resp: 63525
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.5
203 17.4 0.0 37.0

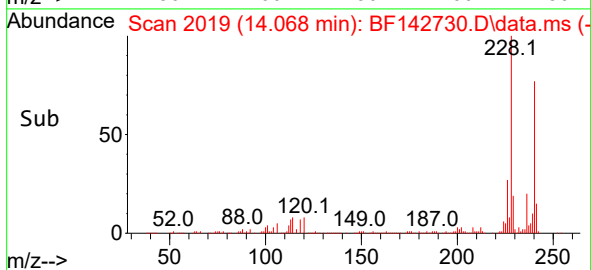
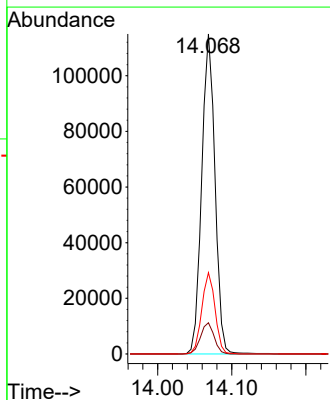
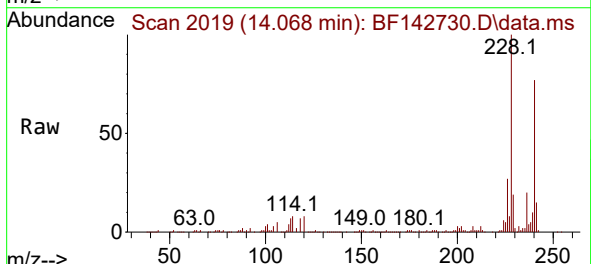
Manual Integrations
APPROVED

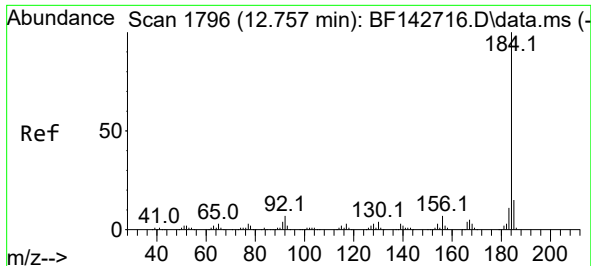
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

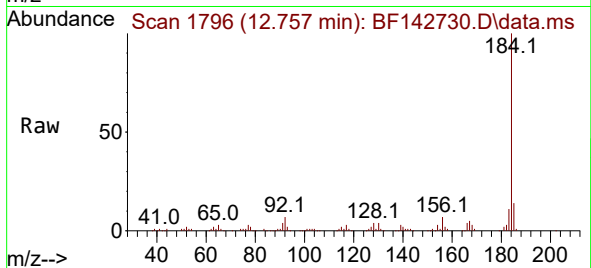
Tgt Ion:240 Resp: 142888
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.4 20.1 30.1





#77
Benzidine
Concen: 34.870 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

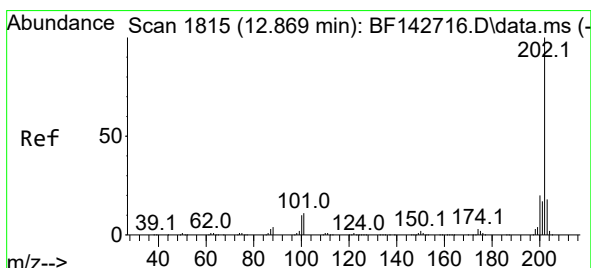
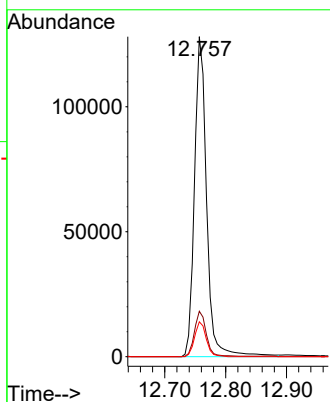
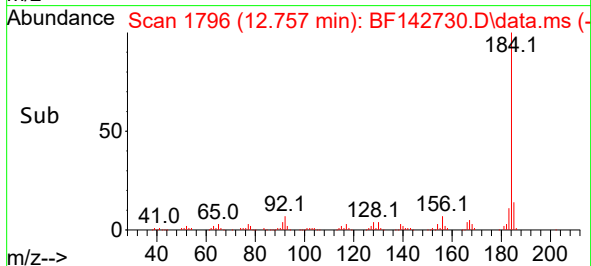
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



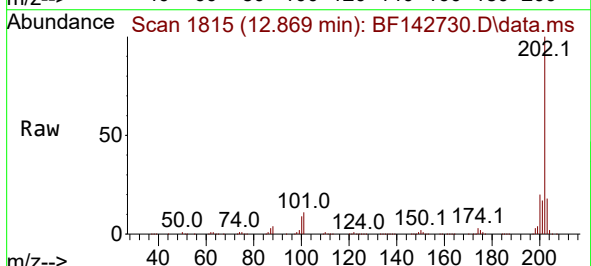
Tgt Ion:184 Resp: 17744
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.9 8.6 12.8

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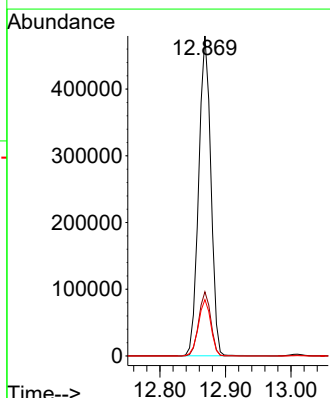
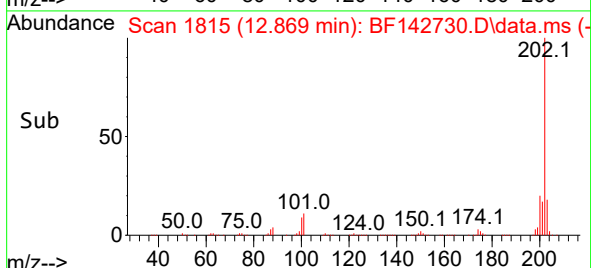
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

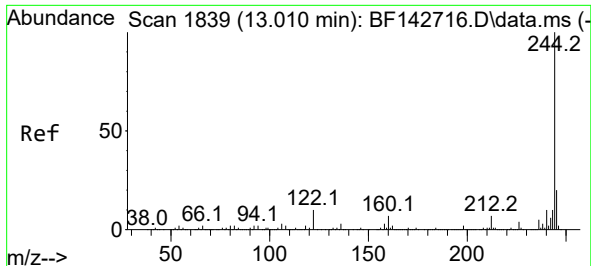


#78
Pyrene
Concen: 46.636 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:202 Resp: 619254
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.6 14.1 21.1





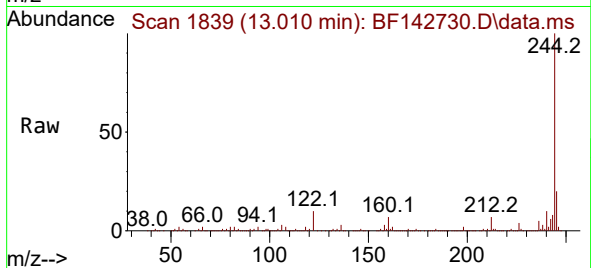
#79
 Terphenyl-d14
 Concen: 84.598 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142730.D
 Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

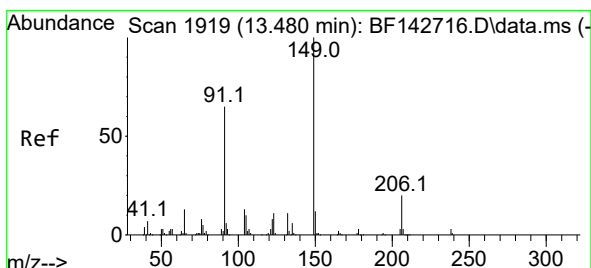
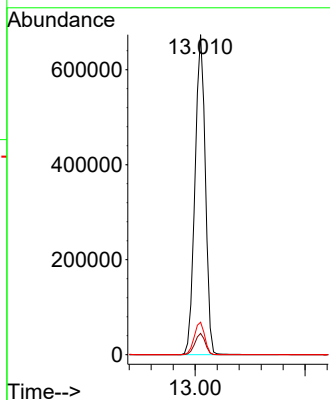
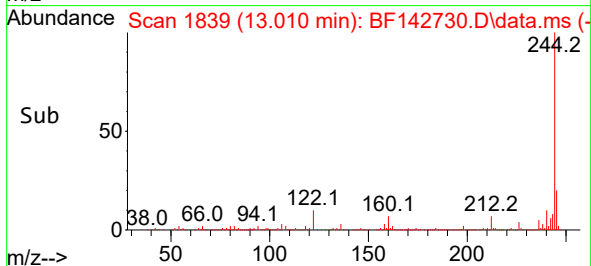


Tgt Ion:244 Resp: 880130
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.3 12.5

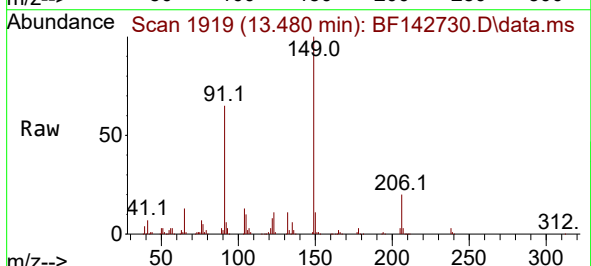
Manual Integrations

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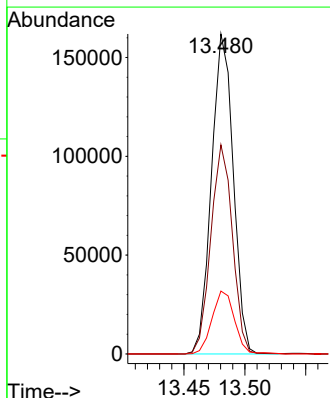
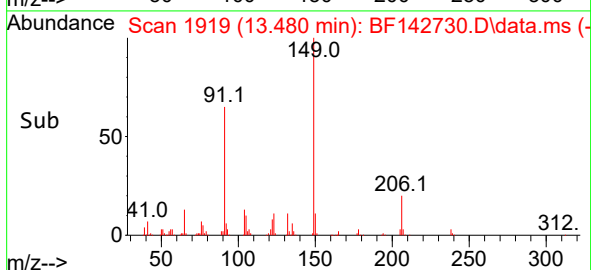
Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

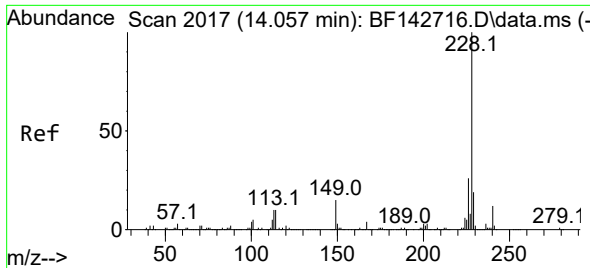


#80
 Butylbenzylphthalate
 Concen: 51.348 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF142730.D
 Acq: 11 Jun 2025 12:49



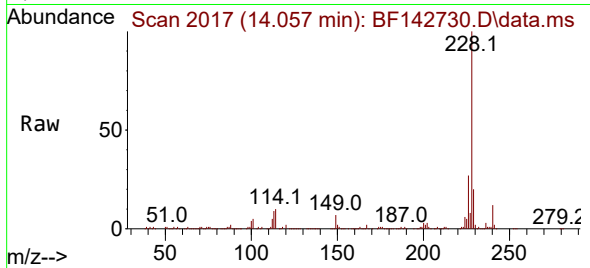
Tgt Ion:149 Resp: 201625
 Ion Ratio Lower Upper
 149 100
 91 65.4 52.3 78.5
 206 19.7 16.0 24.0





#81
Benzo(a)anthracene
Concen: 46.778 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

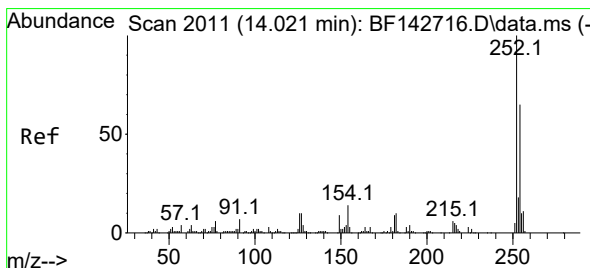
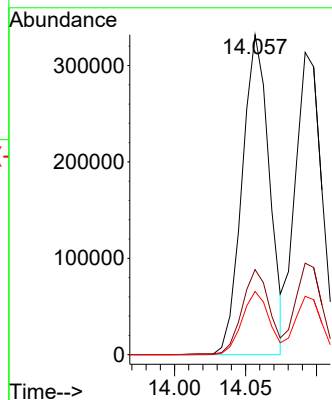
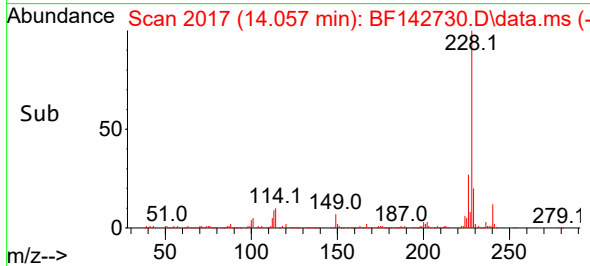
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



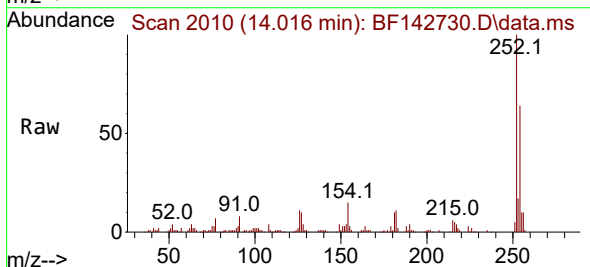
Tgt Ion:228 Resp: 44292
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.7 15.5 23.3

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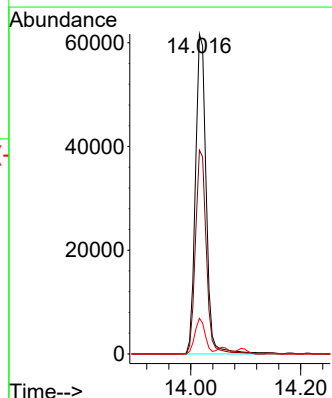
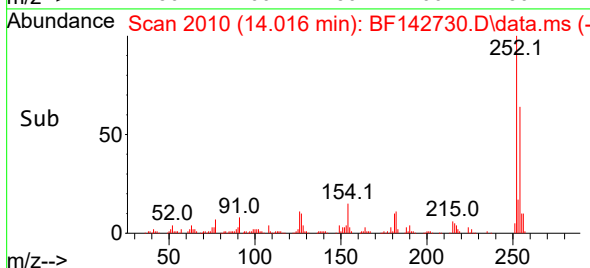
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

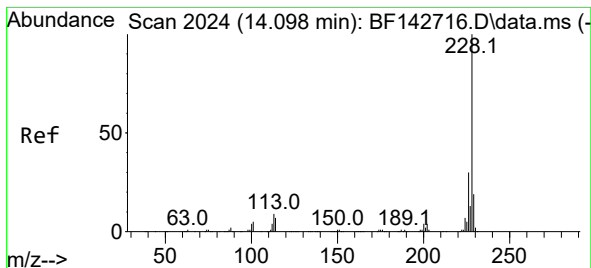


#82
3,3'-Dichlorobenzidine
Concen: 27.366 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:252 Resp: 83559
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 11.2 8.1 12.1





#83

Chrysene

Concen: 46.467 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB168378BSD

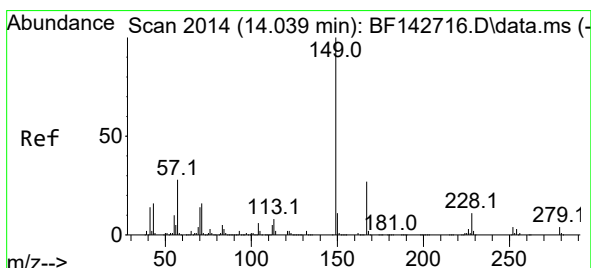
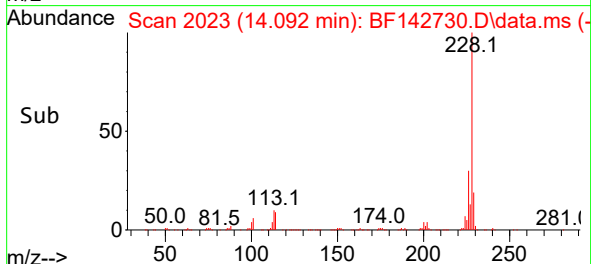
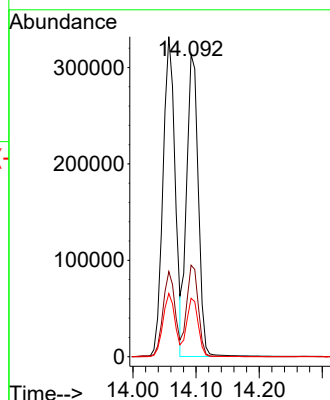
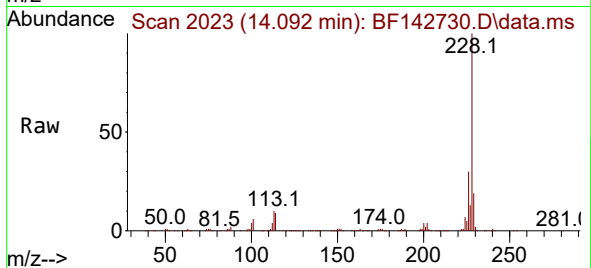
Tgt Ion:228 Resp: 40622

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	19.3	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: 50.479 ng

RT: 14.039 min Scan# 2014

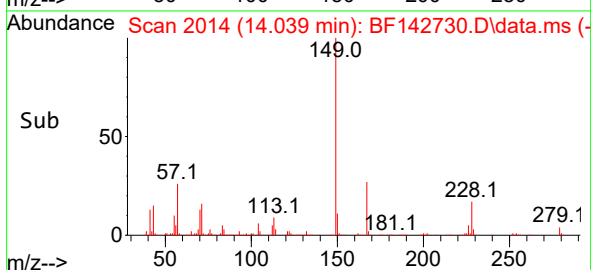
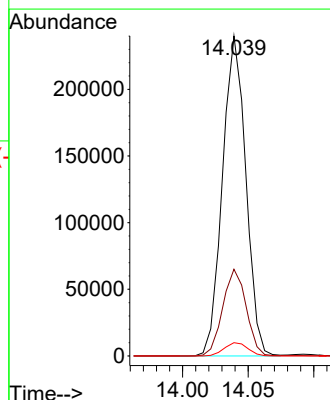
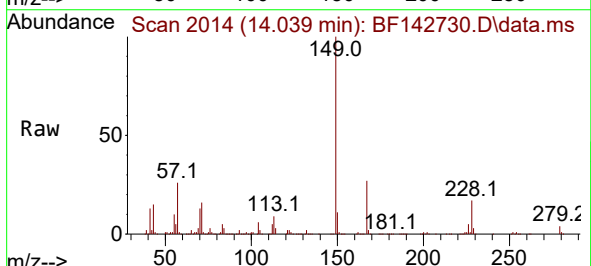
Delta R.T. -0.000 min

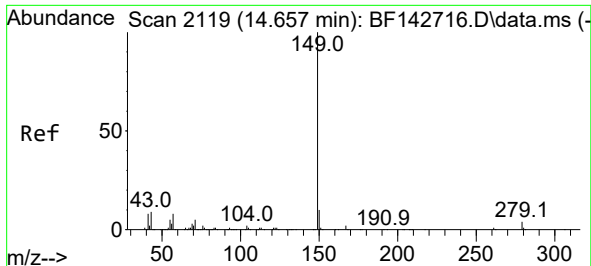
Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Tgt Ion:149 Resp: 297468

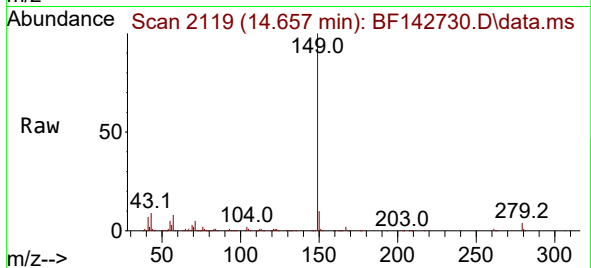
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	4.2	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 48.377 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

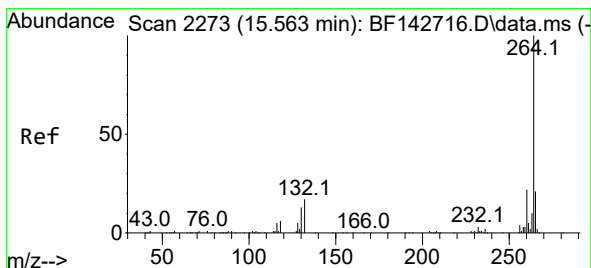
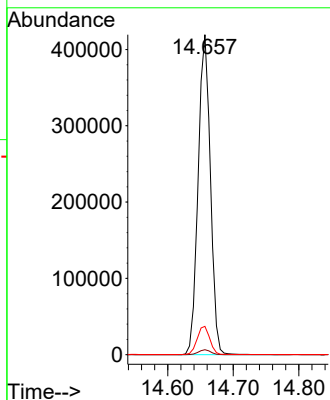
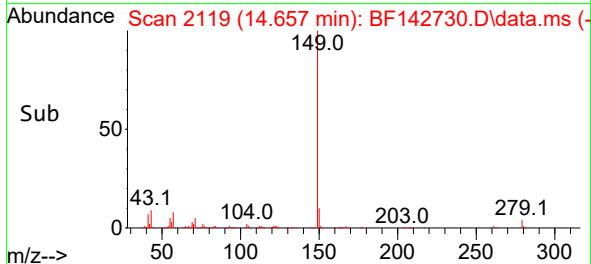
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



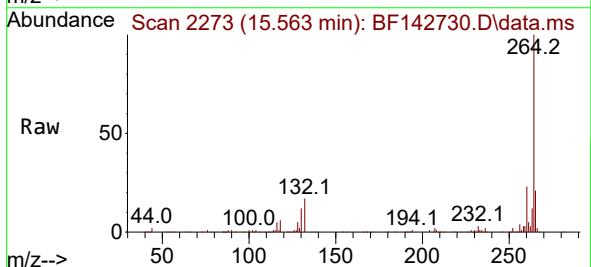
Tgt Ion:149 Resp: 54694
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 7.3 10.9

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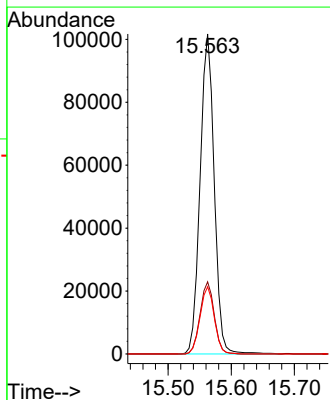
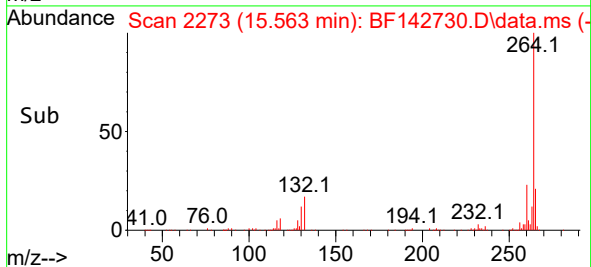
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

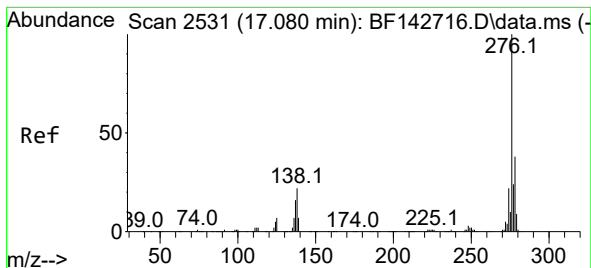


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:264 Resp: 157698
Ion Ratio Lower Upper
264 100
260 22.6 17.8 26.6
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.649 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

Instrument :

BNA_F

ClientSampleId :

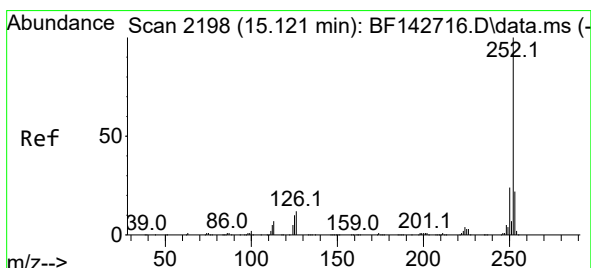
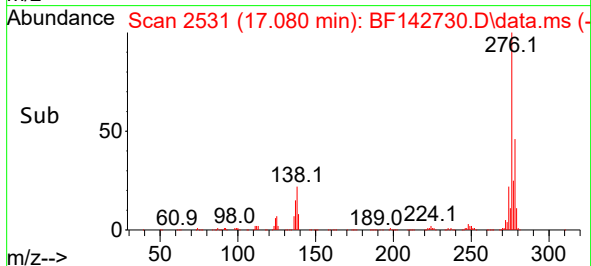
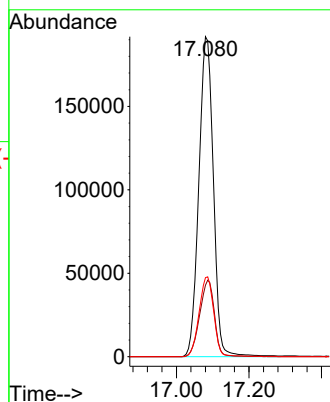
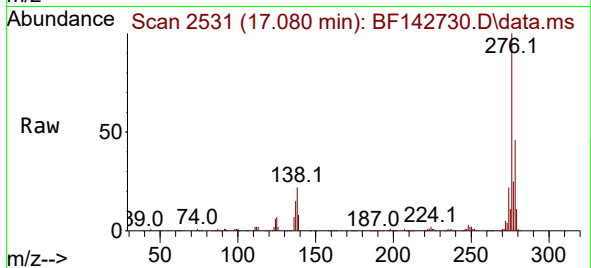
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Tgt Ion:276 Resp: 53346
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.3 28.9
 277 25.2 20.2 30.2

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 50.000 ng

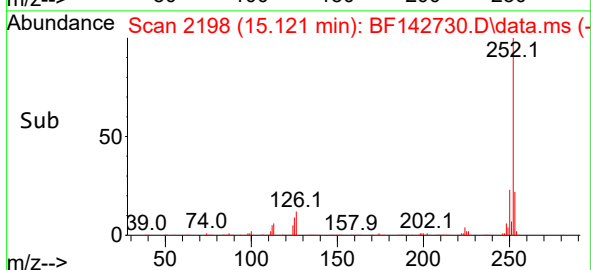
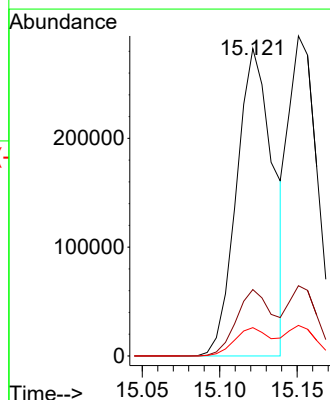
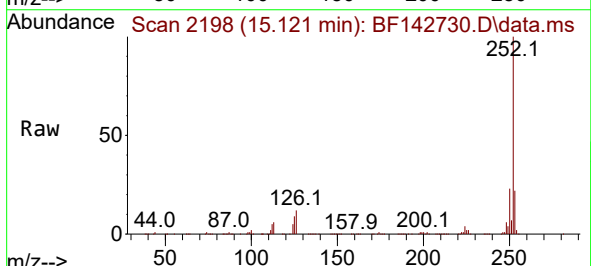
RT: 15.121 min Scan# 2198

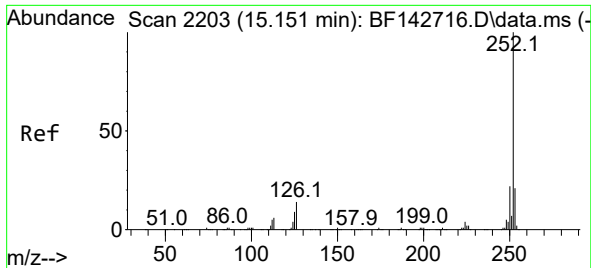
Delta R.T. -0.000 min

Lab File: BF142730.D

Acq: 11 Jun 2025 12:49

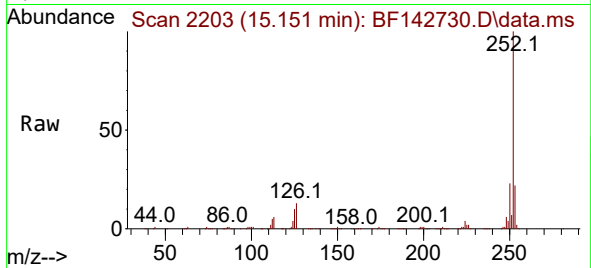
Tgt Ion:252 Resp: 464274
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 9.2 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 42.429 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

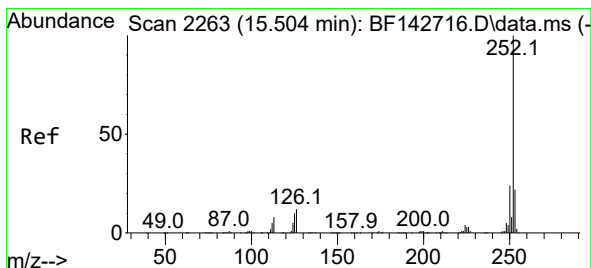
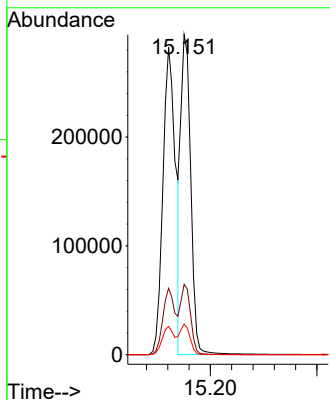
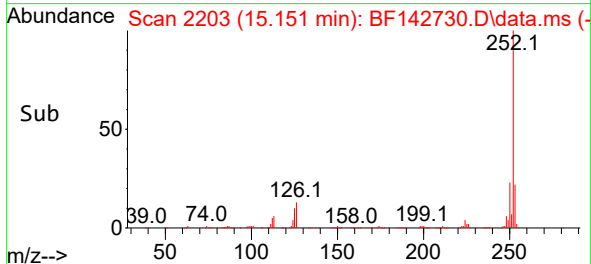
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



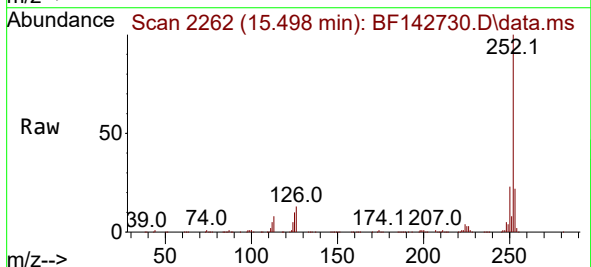
Tgt Ion:252 Resp: 382260
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.6 7.5 11.3

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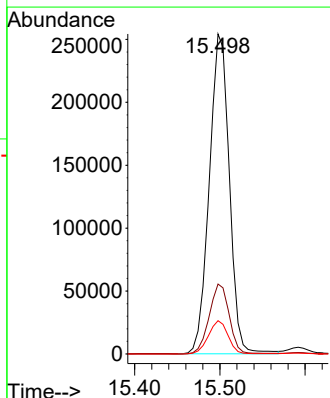
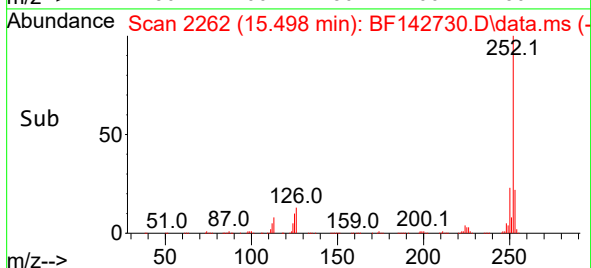
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

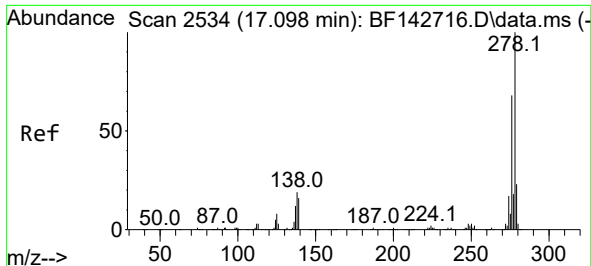


#90
Benzo(a)pyrene
Concen: 47.013 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



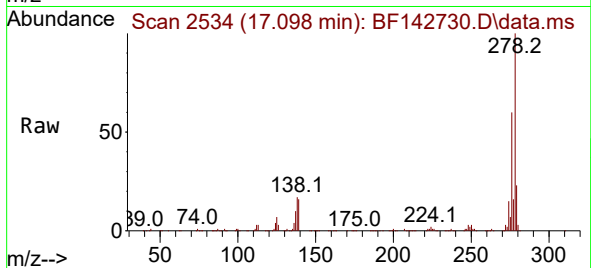
Tgt Ion:252 Resp: 415063
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.4 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 46.109 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49

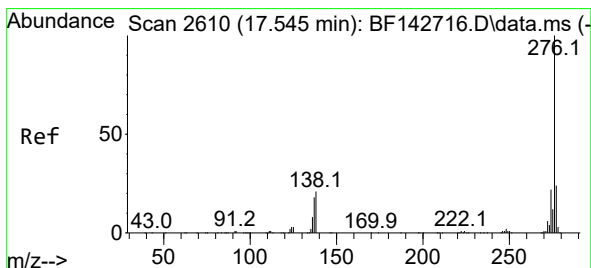
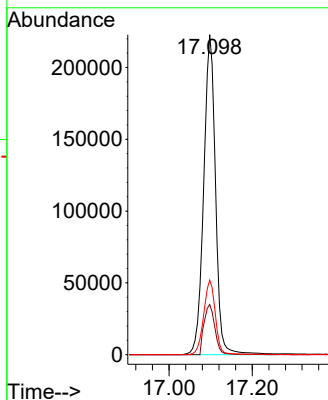
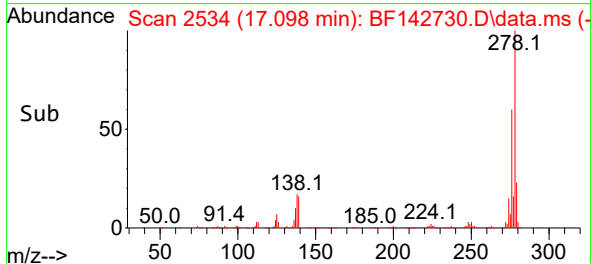
Instrument :
BNA_F
ClientSampleId :
PB168378BSD



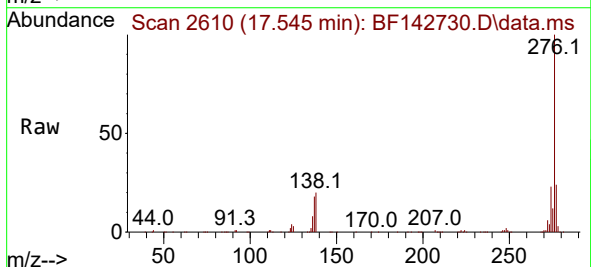
Tgt Ion:278 Resp: 439975
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.3 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 44.858 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142730.D
Acq: 11 Jun 2025 12:49



Tgt Ion:276 Resp: 425643
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.4 16.4 24.6

