

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141908.D
 Acq On : 10 Mar 2025 17:39
 Operator : RC/JU
 Sample : SP6752
 Misc : 8270 SPIKE
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Quant Time: Mar 10 18:00:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	185405	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	771371	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	480697	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	790145	20.000	ng	0.00
76) Chrysene-d12	14.039	240	501951	20.000	ng	0.00
86) Perylene-d12	15.509	264	402796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	244133	52.449	ng	99
3) Pyridine	3.516	79	618434	54.165	ng	99
4) n-Nitrosodimethylamine	3.481	42	285997	52.547	ng	98
6) Aniline	6.539	93	568451	40.740	ng	100
8) 2-Chlorophenol	6.663	128	675576	54.832	ng	100
9) Benzaldehyde	6.434	77	529557	66.943	ng	100
10) Phenol	6.510	94	825248	55.460	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	586909	52.528	ng	100
12) 1,3-Dichlorobenzene	6.822	146	701404	52.731	ng	99
13) 1,4-Dichlorobenzene	6.898	146	705711	52.437	ng	99
14) 1,2-Dichlorobenzene	7.051	146	680366	53.672	ng	98
15) Benzyl Alcohol	7.016	79	605767	52.976	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	696059	51.601	ng	99
17) 2-Methylphenol	7.128	107	550955	56.241	ng	99
18) Hexachloroethane	7.392	117	267040	52.913	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	462946	50.938	ng	99
20) 3+4-Methylphenols	7.281	107	681231	54.291	ng	# 90
22) Acetophenone	7.286	105	901514	48.803	ng	96
24) Nitrobenzene	7.457	77	716114	52.554	ng	100
25) Isophorone	7.698	82	1354353	55.897	ng	99
26) 2-Nitrophenol	7.775	139	369084	55.187	ng	99
27) 2,4-Dimethylphenol	7.810	122	678883	73.721	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	799608	52.617	ng	100
29) 2,4-Dichlorophenol	8.016	162	623367	54.536	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	659721	52.373	ng	99
31) Naphthalene	8.186	128	1968215	49.672	ng	100
32) Benzoic acid	7.934	122	441735	54.570	ng	98
33) 4-Chloroaniline	8.228	127	209441	14.973	ng	99
34) Hexachlorobutadiene	8.298	225	430248	52.374	ng	99
35) Caprolactam	8.610	113	210205m	60.320	ng	
36) 4-Chloro-3-methylphenol	8.710	107	680224	53.348	ng	99
37) 2-Methylnaphthalene	8.875	142	1275441	48.157	ng	99
38) 1-Methylnaphthalene	8.975	142	1309524	51.238	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	708155	48.387	ng	98
41) Hexachlorocyclopentadiene	9.028	237	1002146	174.966	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	497612	52.026	ng	99

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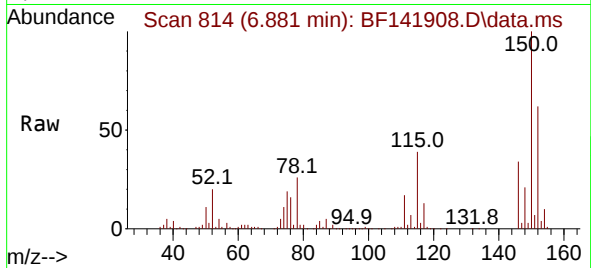
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	499132	51.525	ng	99
46) 1,1'-Biphenyl	9.339	154	1719033	47.066	ng	100
47) 2-Chloronaphthalene	9.363	162	1306548	47.994	ng	99
48) 2-Nitroaniline	9.457	65	414114	52.538	ng	99
49) Acenaphthylene	9.780	152	2131591	52.765	ng	99
50) Dimethylphthalate	9.645	163	1666317	49.501	ng	100
51) 2,6-Dinitrotoluene	9.704	165	359046	51.228	ng	96
52) Acenaphthene	9.951	154	1551085	54.635	ng	99
53) 3-Nitroaniline	9.869	138	170083	23.923	ng	98
54) 2,4-Dinitrophenol	9.975	184	391165	96.731	ng	# 50
55) Dibenzofuran	10.127	168	1915054	47.208	ng	100
56) 4-Nitrophenol	10.027	139	573340	106.938	ng	99
57) 2,4-Dinitrotoluene	10.110	165	492330	53.782	ng	97
58) Fluorene	10.469	166	1480049	47.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	430080	48.789	ng	99
60) Diethylphthalate	10.339	149	1557805	46.411	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	773805	47.445	ng	100
62) 4-Nitroaniline	10.486	138	333400	48.169	ng	99
63) Azobenzene	10.616	77	1457594	46.709	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	258662	54.913	ng	98
66) n-Nitrosodiphenylamine	10.575	169	1306247	51.086	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	518071	52.208	ng	96
68) Hexachlorobenzene	11.016	284	587628	53.992	ng	96
69) Atrazine	11.104	200	498311	63.572	ng	99
70) Pentachlorophenol	11.204	266	700539	104.469	ng	99
71) Phenanthrene	11.427	178	2127811	49.857	ng	100
72) Anthracene	11.480	178	2149035	50.191	ng	99
73) Carbazole	11.633	167	1834992	49.693	ng	99
74) Di-n-butylphthalate	11.963	149	2368601	48.342	ng	100
75) Fluoranthene	12.616	202	2179525	48.143	ng	100
77) Benzidine	12.733	184	1186709	169.453	ng	99
78) Pyrene	12.845	202	2262627	52.111	ng	100
80) Butylbenzylphthalate	13.463	149	895717	52.706	ng	100
81) Benzo(a)anthracene	14.027	228	1759395	53.415	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	212718	22.347	ng	100
83) Chrysene	14.068	228	1514957	50.740	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1243937	53.088	ng	99
85) Di-n-octyl phthalate	14.633	149	1814905	55.667	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1367511	52.483	ng	99
88) Benzo(b)fluoranthene	15.080	252	1279727	46.357	ng	100
89) Benzo(k)fluoranthene	15.110	252	1275222	53.979	ng	100
90) Benzo(a)pyrene	15.451	252	1182056	54.723	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1126749	52.411	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1039840	48.946	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

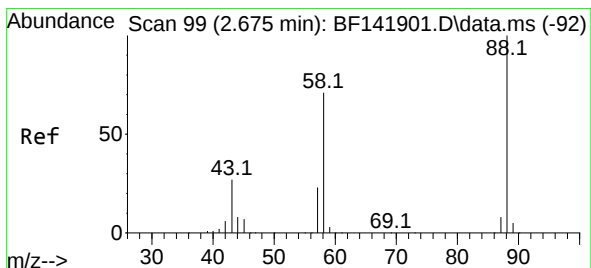
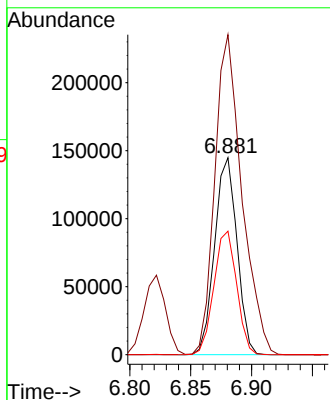
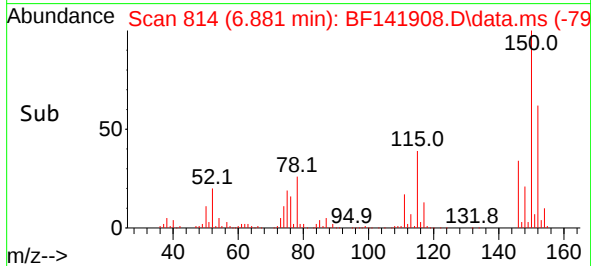
Instrument :
BNA_F
ClientSampleId :
SP6752



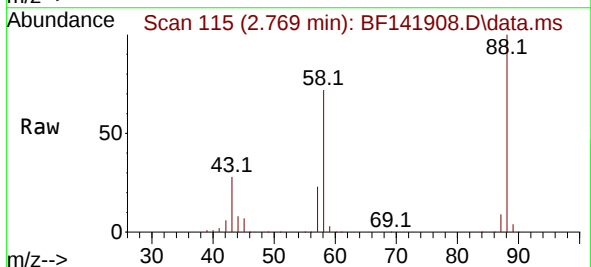
Tgt Ion:152 Resp: 185409
Ion Ratio Lower Upper
152 100
150 162.5 127.4 191.2
115 62.7 51.9 77.9

Manual Integrations
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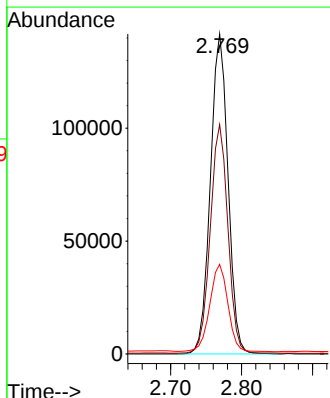
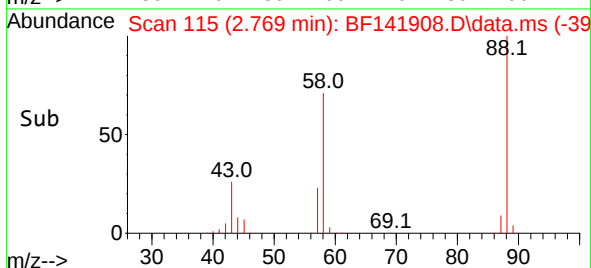
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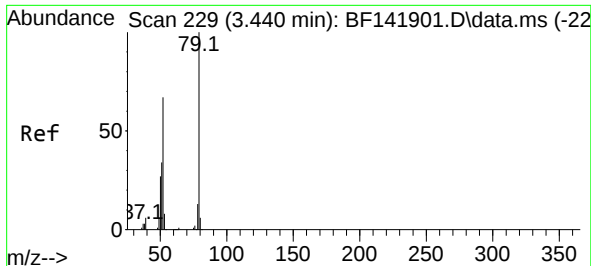


#2
1,4-Dioxane
Concen: 52.449 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.094 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



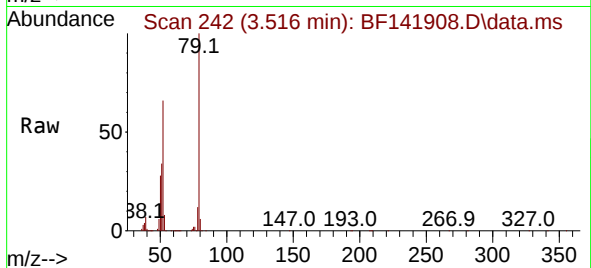
Tgt Ion: 88 Resp: 244133
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 28.1 21.5 32.3





#3
Pyridine
Concen: 54.165 ng
RT: 3.516 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

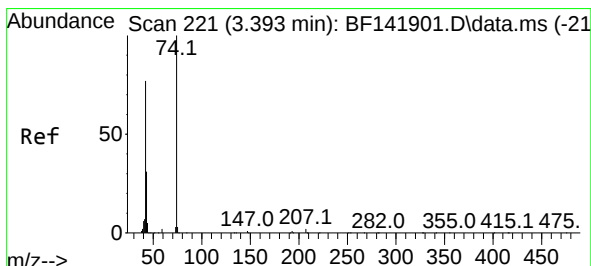
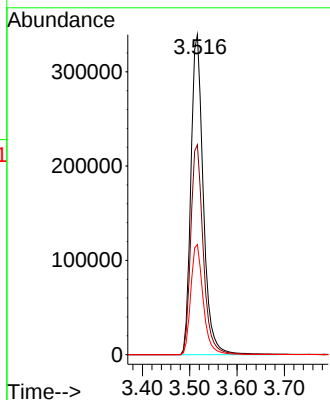
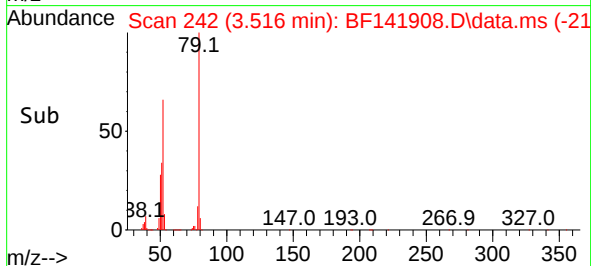
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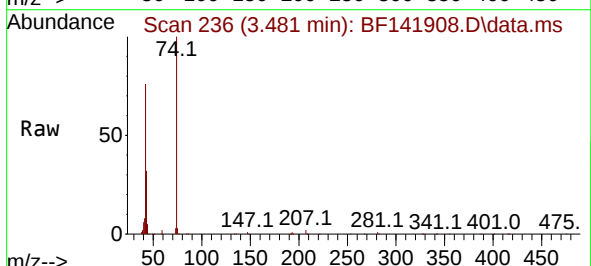
Tgt Ion: 79 Resp: 618434
Ion Ratio Lower Upper
79 100
52 65.6 53.3 79.9
51 34.4 27.6 41.4

Manual Integrations
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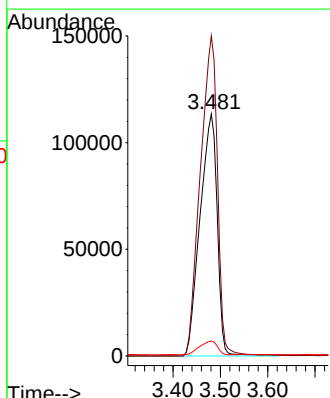
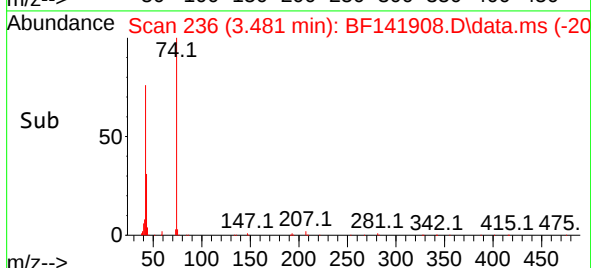
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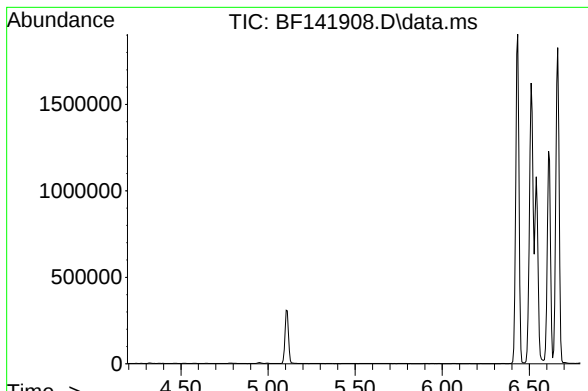


#4
n-Nitrosodimethylamine
Concen: 52.547 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.088 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion: 42 Resp: 285997
Ion Ratio Lower Upper
42 100
74 132.2 103.4 155.0
44 6.2 5.0 7.4





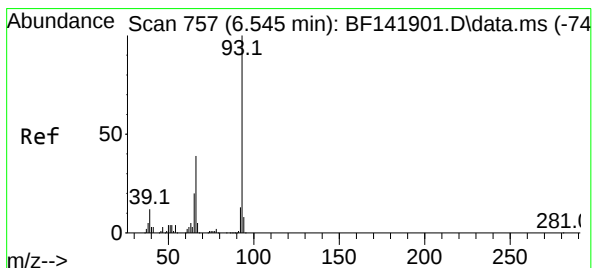
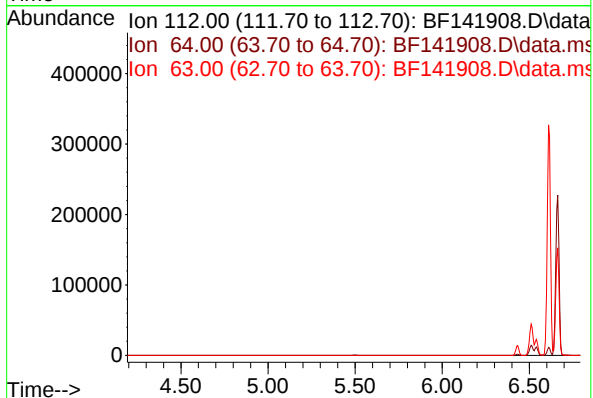
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 58.1
 63 31.8

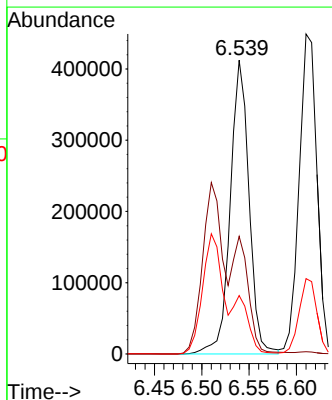
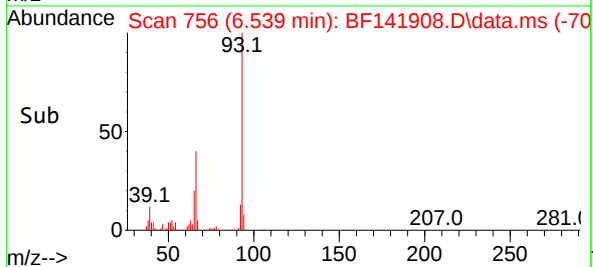
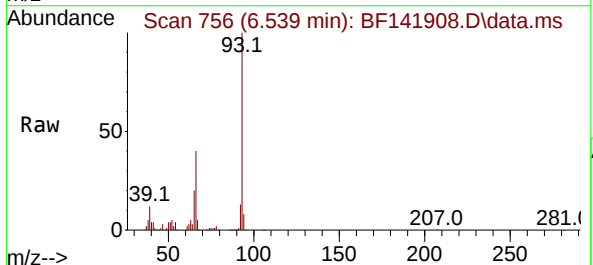
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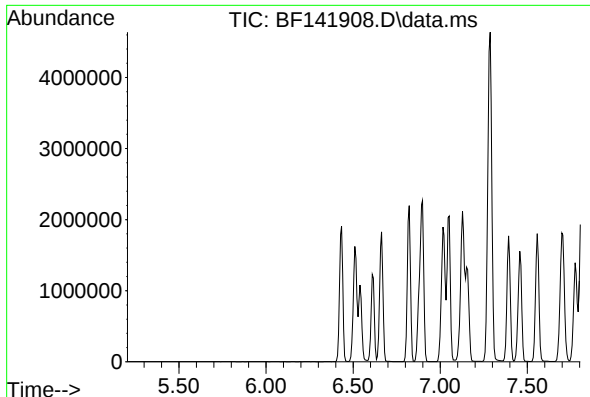
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#6
 Aniline
 Concen: 40.740 ng
 RT: 6.539 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Tgt Ion: 93 Resp: 568451
 Ion Ratio Lower Upper
 93 100
 66 40.0 31.9 47.9
 65 19.9 15.8 23.6





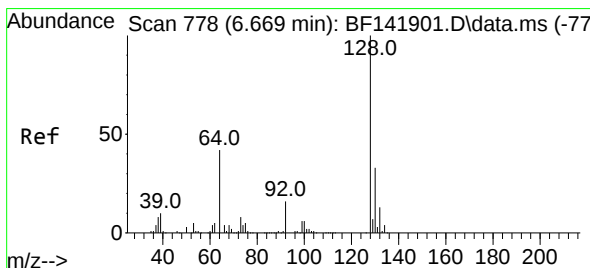
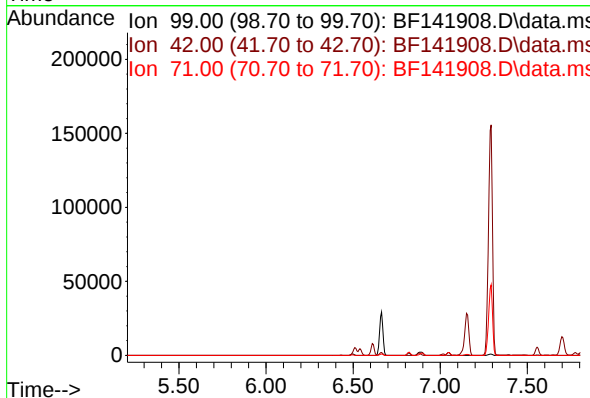
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.50 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 18.2
 71 38.5

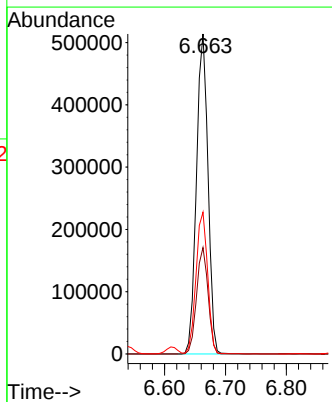
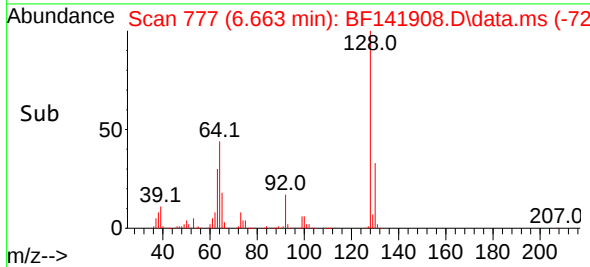
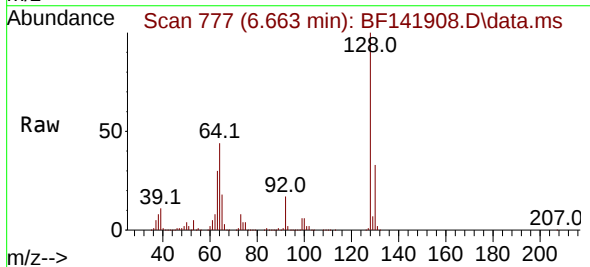
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#8
 2-Chlorophenol
 Concen: 54.832 ng
 RT: 6.663 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

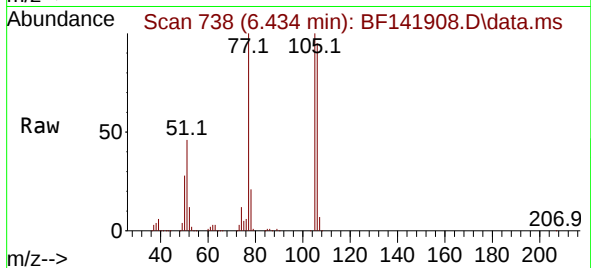
Tgt Ion:128 Resp: 675576
 Ion Ratio Lower Upper
 128 100
 130 33.3 12.8 52.8
 64 44.3 24.4 64.4





#9
Benzaldehyde
Concen: 66.943 ng
RT: 6.434 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

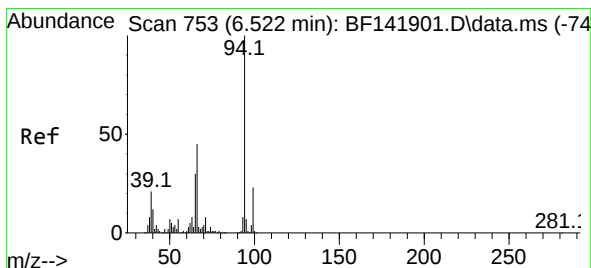
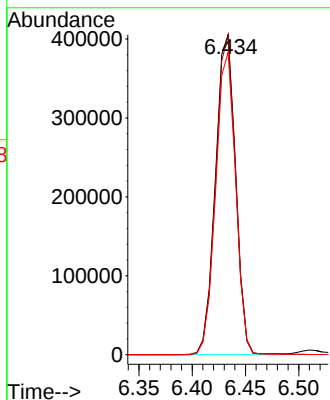
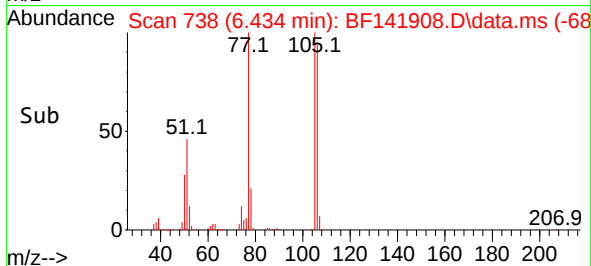
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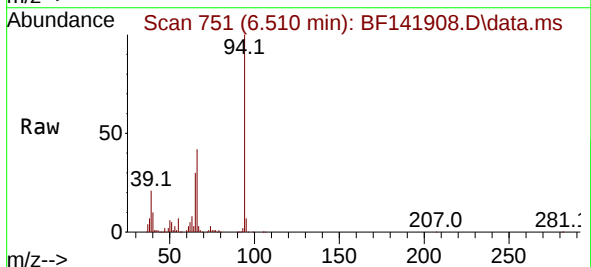
Tgt Ion: 77 Resp: 52955
Ion Ratio Lower Upper
77 100
105 99.8 80.0 120.0
106 94.5 74.5 114.5

Manual Integrations
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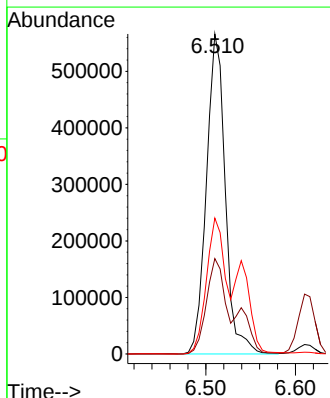
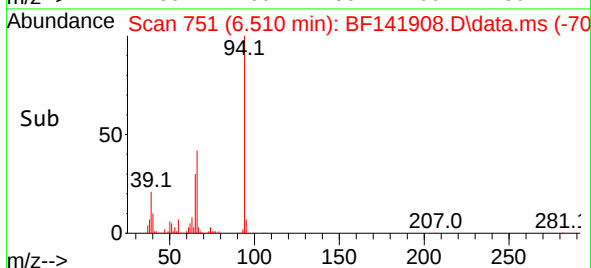
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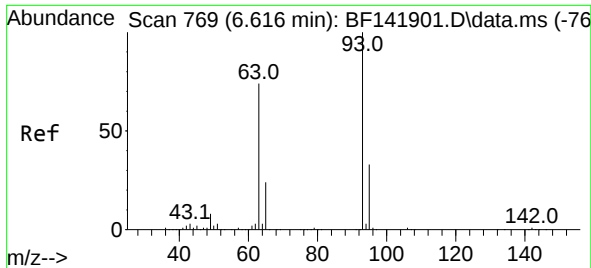


#10
Phenol
Concen: 55.460 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion: 94 Resp: 825248
Ion Ratio Lower Upper
94 100
65 29.8 10.5 50.5
66 42.5 25.8 65.8





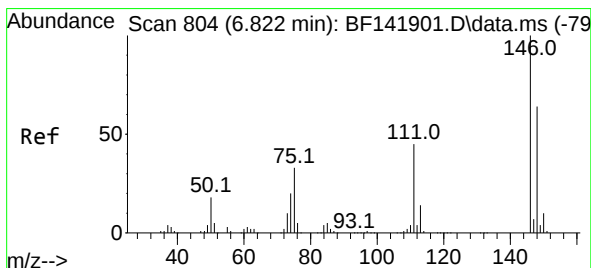
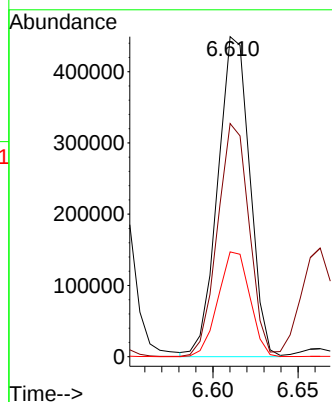
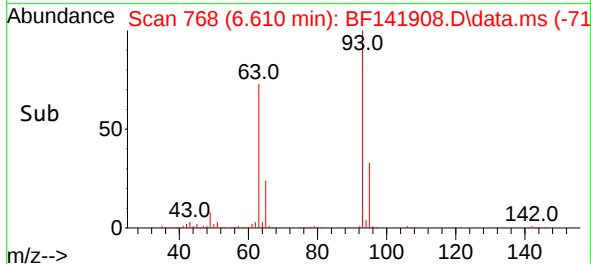
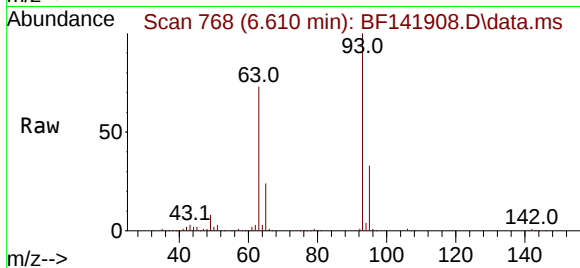
#11
bis(2-Chloroethyl)ether
Concen: 52.528 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Instrument :
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Tgt Ion: 93 Resp: 586909
Ion Ratio Lower Upper
93 100
63 72.9 53.0 93.0
95 32.8 12.9 52.9

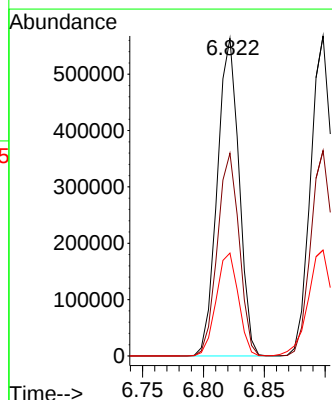
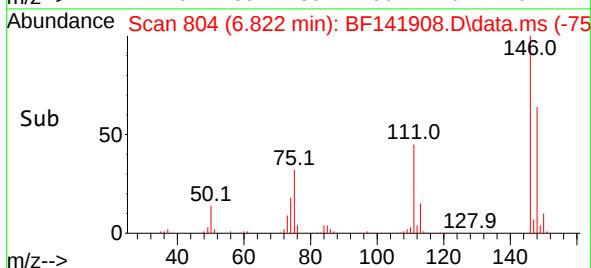
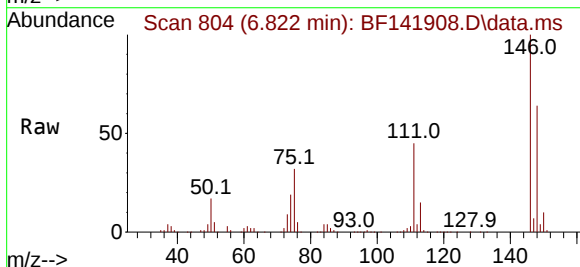
Manual Integrations
APPROVED

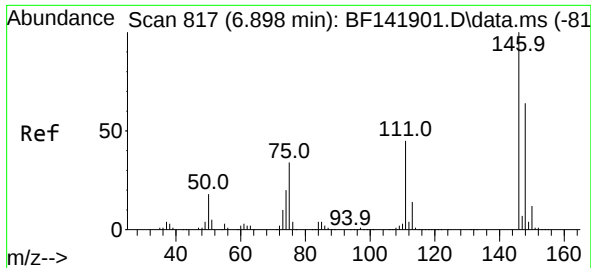
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#12
1,3-Dichlorobenzene
Concen: 52.731 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

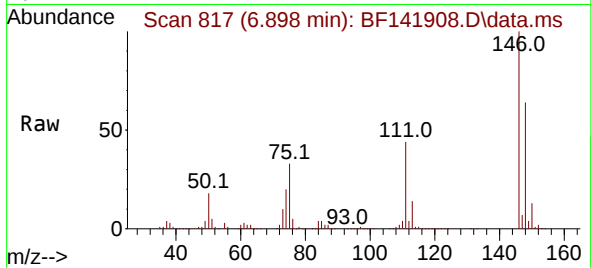
Tgt Ion:146 Resp: 701404
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 32.4 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 52.437 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

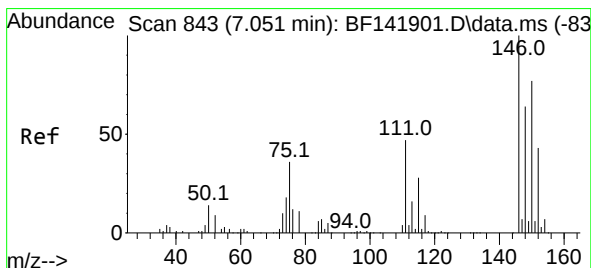
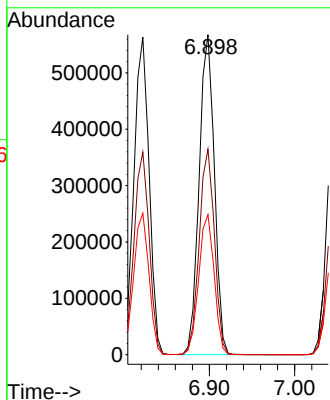
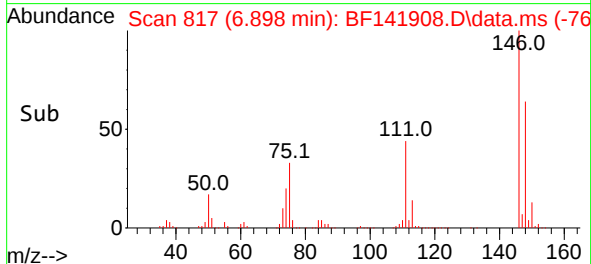
Instrument :
BNA_F
ClientSampleId :
SP6752



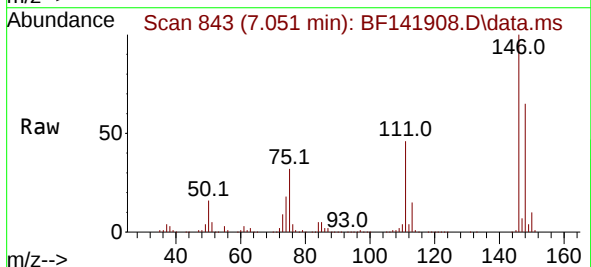
Tgt Ion:146 Resp: 70571
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.7 35.7 53.5

Manual Integrations
APPROVED

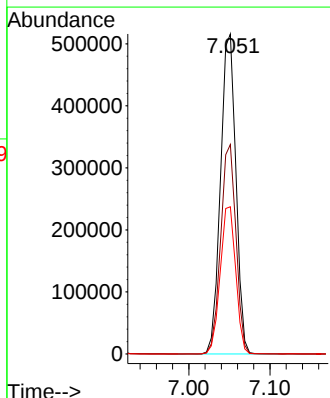
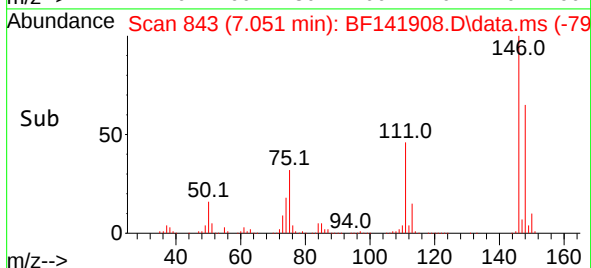
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#14
1,2-Dichlorobenzene
Concen: 53.672 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



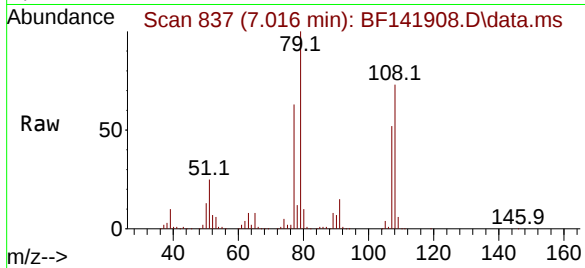
Tgt Ion:146 Resp: 680366
Ion Ratio Lower Upper
146 100
148 65.5 50.8 76.2
111 46.0 38.0 57.0





#15
Benzyl Alcohol
Concen: 52.976 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

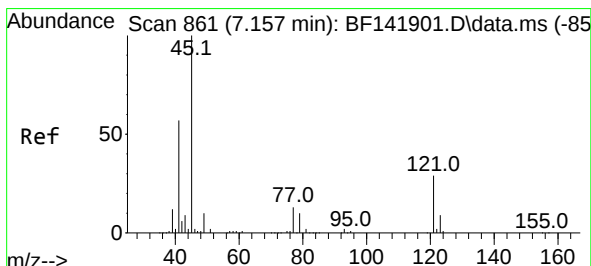
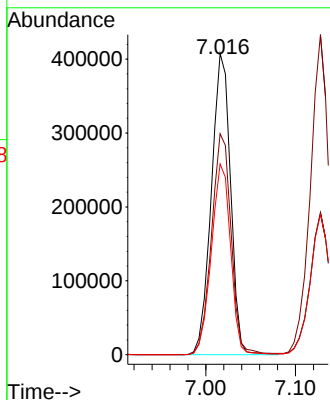
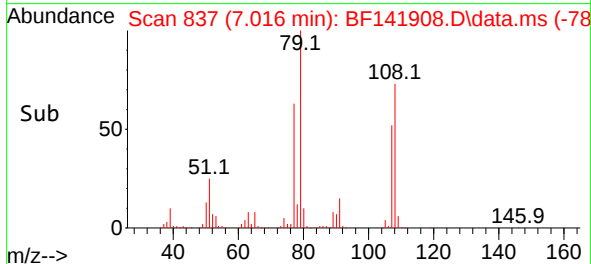
Instrument :
BNA_F
ClientSampleId :
SP6752



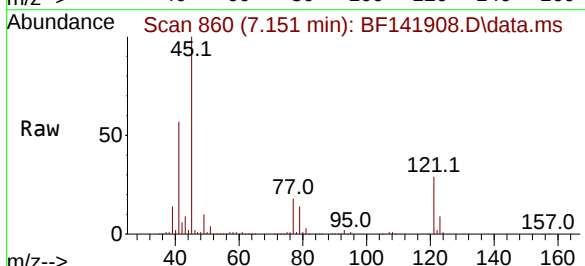
Tgt Ion: 79 Resp: 60576
Ion Ratio Lower Upper
79 100
108 73.4 59.7 89.5
77 63.3 51.0 76.6

Manual Integrations
APPROVED

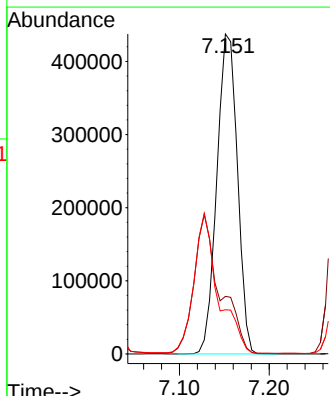
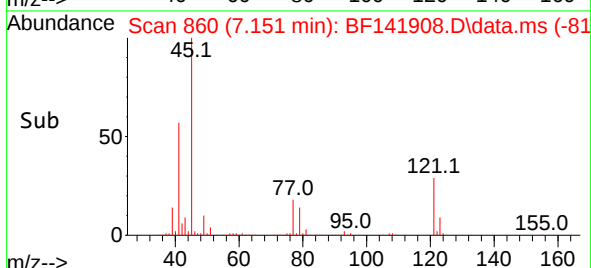
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

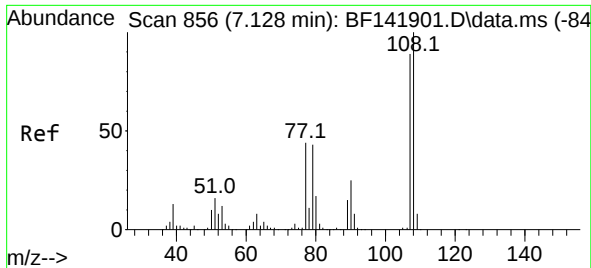


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.601 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



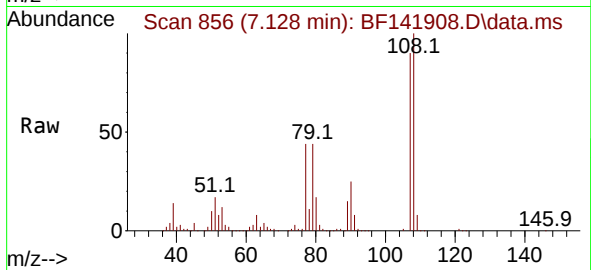
Tgt Ion: 45 Resp: 696059
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.8
79 13.8 0.0 34.2





#17
2-Methylphenol
Concen: 56.241 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

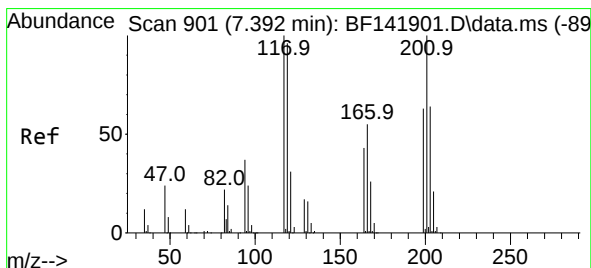
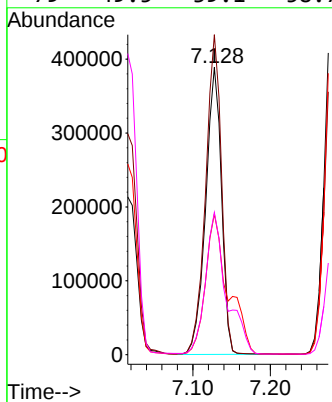
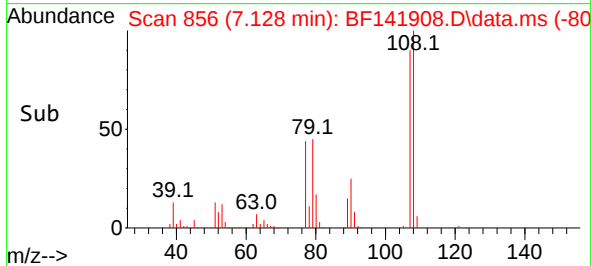
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:107 Resp: 55095
Ion Ratio Lower Upper
107 100
108 111.4 90.2 135.2
77 49.0 39.6 59.4
79 49.5 39.1 58.7

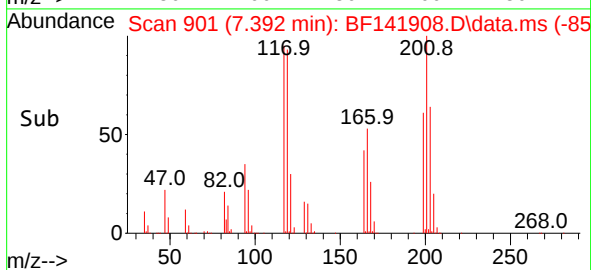
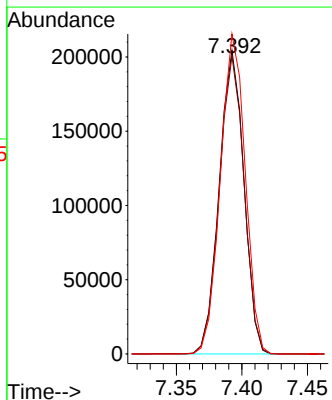
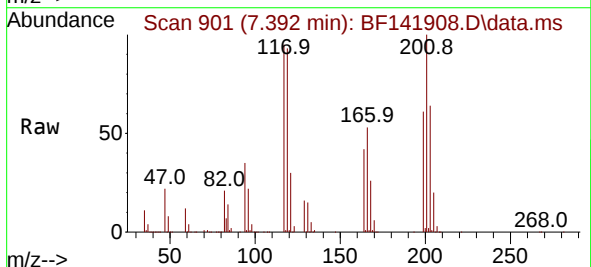
Manual Integrations
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Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#18
Hexachloroethane
Concen: 52.913 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

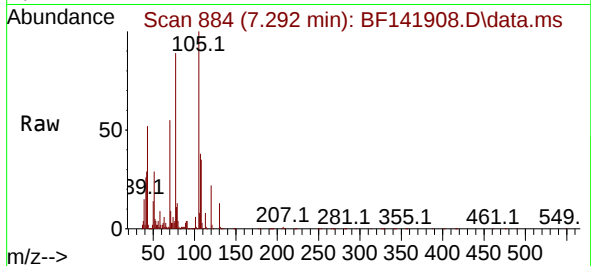
Tgt Ion:117 Resp: 267040
Ion Ratio Lower Upper
117 100
119 98.0 76.9 115.3
201 105.4 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 50.938 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

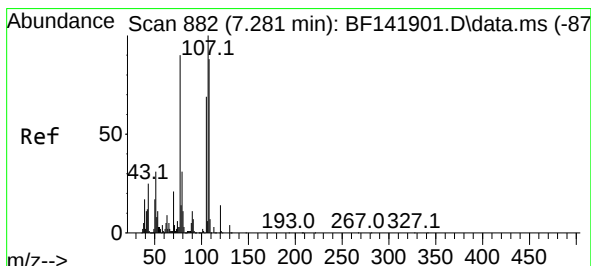
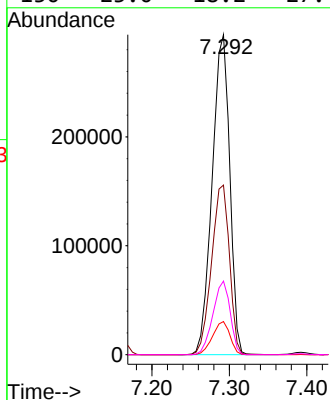
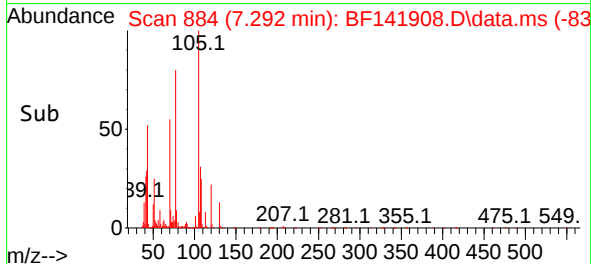
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion: 70 Resp: 462940
Ion Ratio Lower Upper
70 100
42 53.0 41.4 62.0
101 10.4 8.2 12.2
130 23.0 18.2 27.4

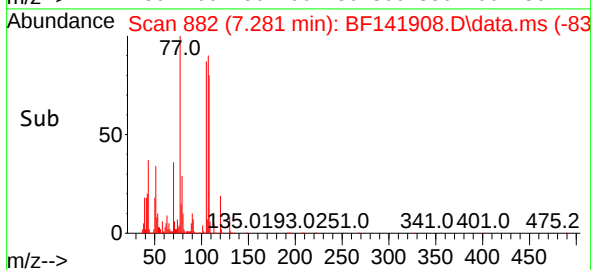
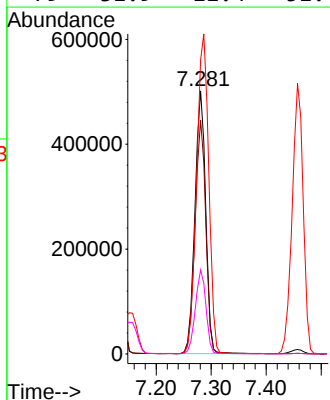
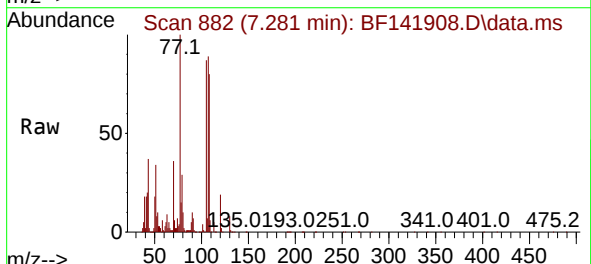
Manual Integrations
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Supervised By :Jagrut Upadhyay 03/11/2025



#20
3+4-Methylphenols
Concen: 54.291 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

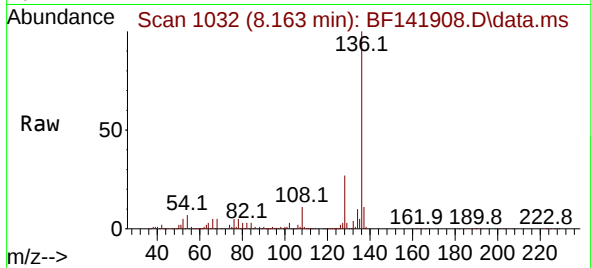
Tgt Ion:107 Resp: 681231
Ion Ratio Lower Upper
107 100
108 88.9 68.4 108.4
77 111.8 69.7 109.7#
79 31.9 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

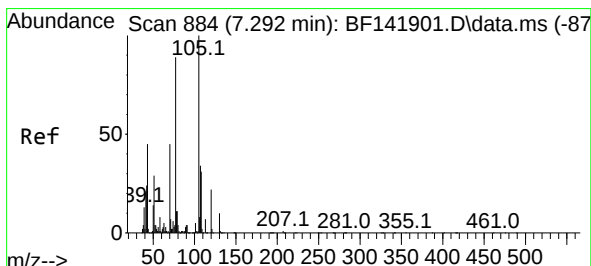
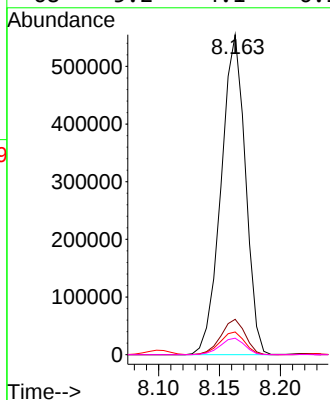
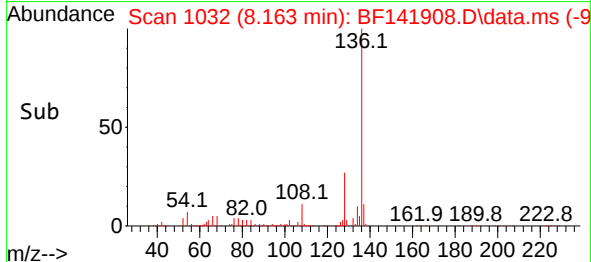
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:136 Resp: 77137
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.8 8.8
68 5.2 4.1 6.1

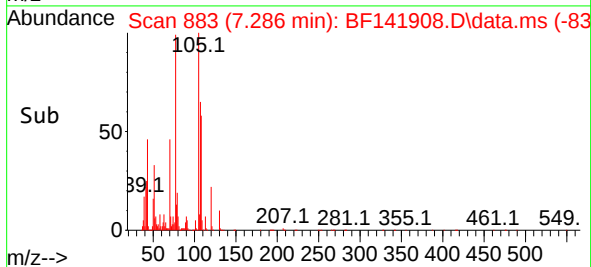
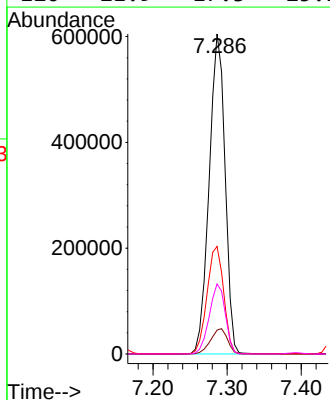
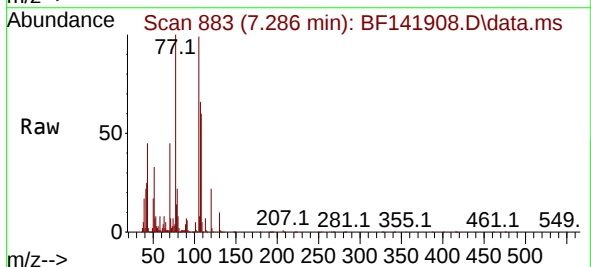
Manual Integrations
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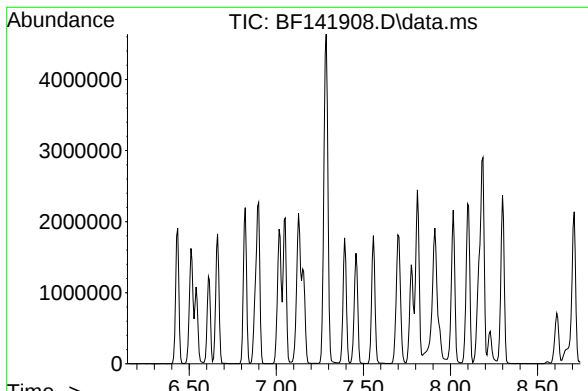
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#22
Acetophenone
Concen: 48.803 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:105 Resp: 901514
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.8
51 33.6 23.4 35.0
120 21.9 17.3 25.9





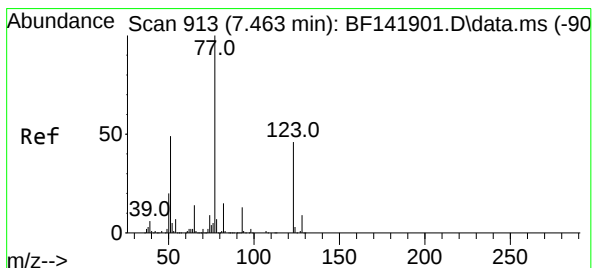
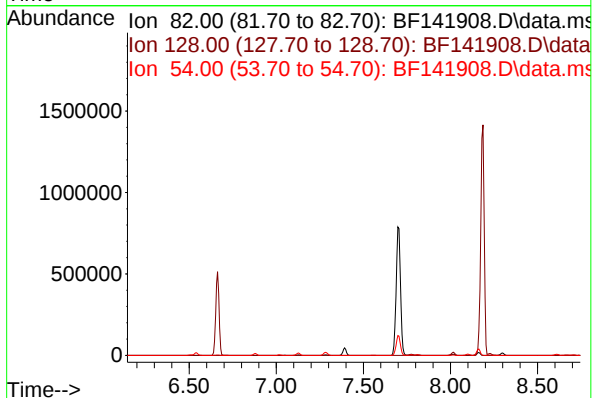
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.45 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 45.0
 54 49.5

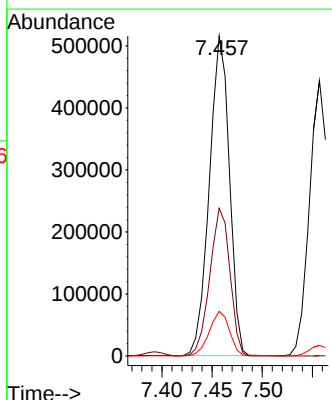
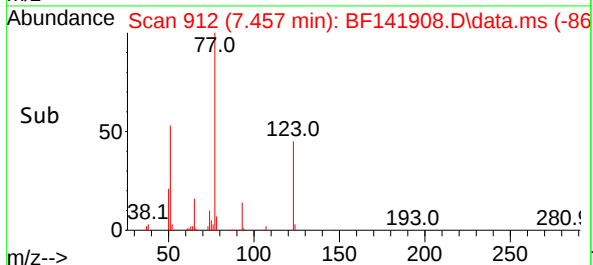
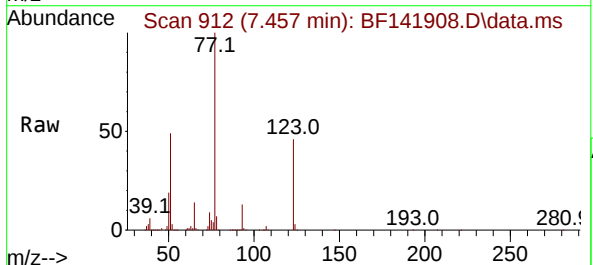
Manual Integrations
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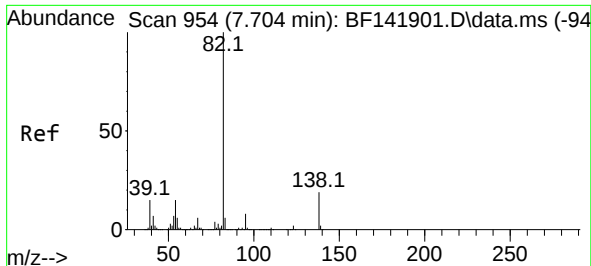
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#24
 Nitrobenzene
 Concen: 52.554 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

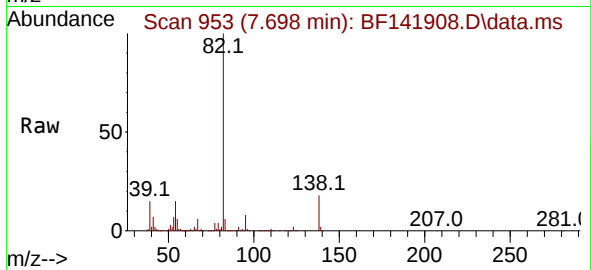
Tgt Ion: 77 Resp: 716114
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.0 55.4
 65 13.9 11.3 16.9





#25
Isophorone
Concen: 55.897 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

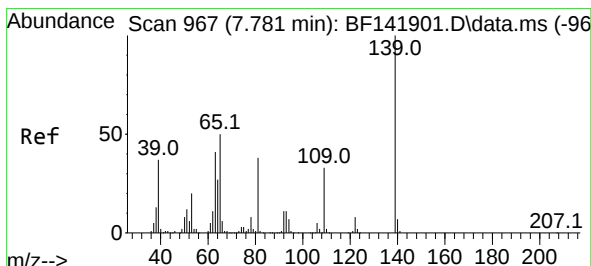
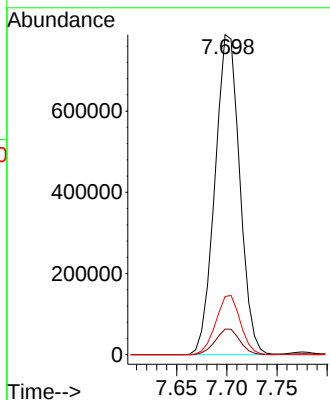
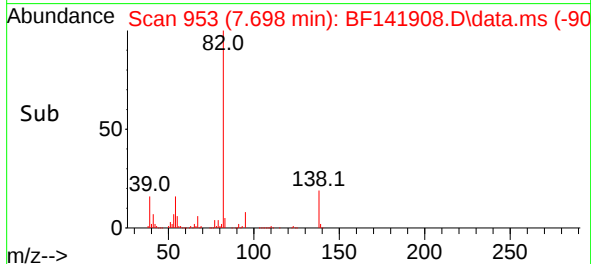
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion: 82 Resp: 135435
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.1 14.9 22.3

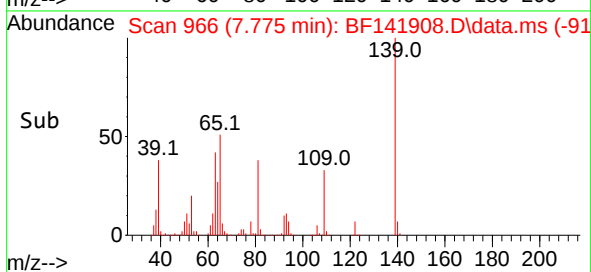
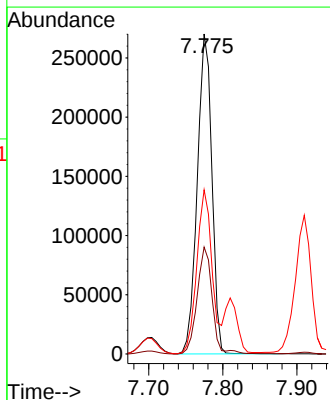
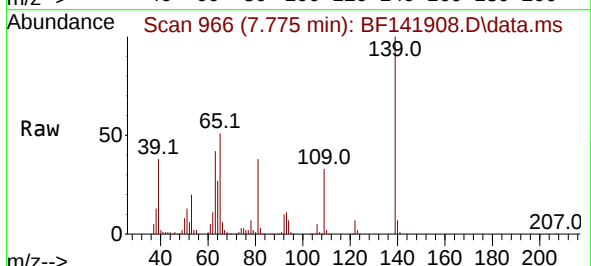
Manual Integrations
APPROVED

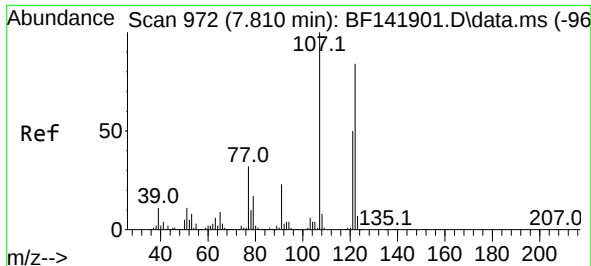
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#26
2-Nitrophenol
Concen: 55.187 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

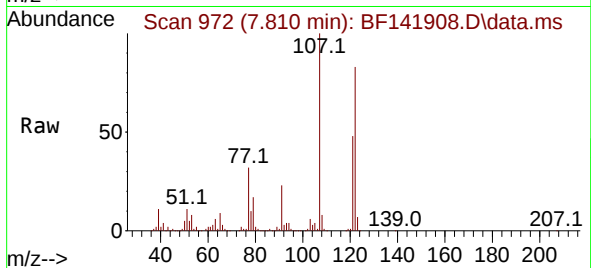
Tgt Ion:139 Resp: 369084
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 51.3 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 73.721 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

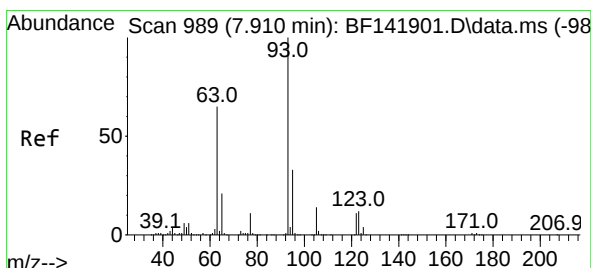
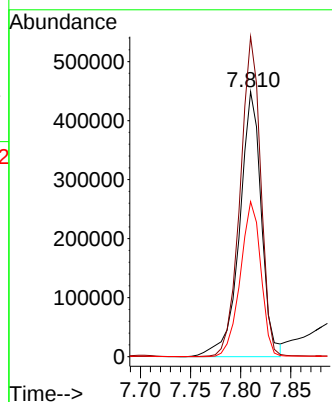
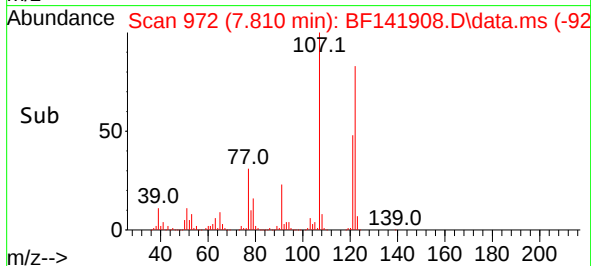
Instrument :
BNA_F
ClientSampleId :
SP6752



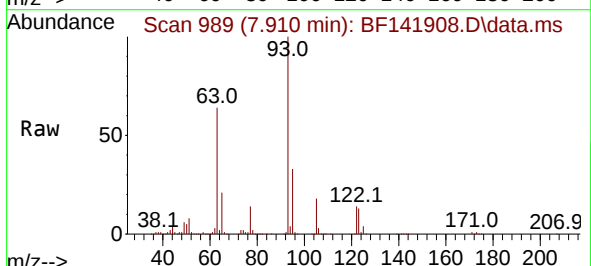
Tgt Ion:122 Resp: 67888
Ion Ratio Lower Upper
122 100
107 120.8 94.8 142.2
121 58.5 47.8 71.6

Manual Integrations
APPROVED

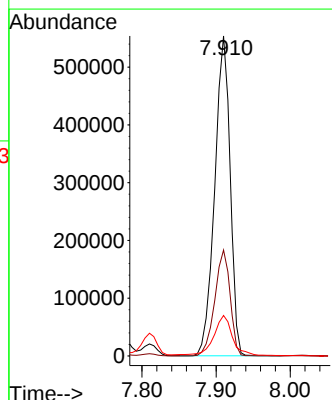
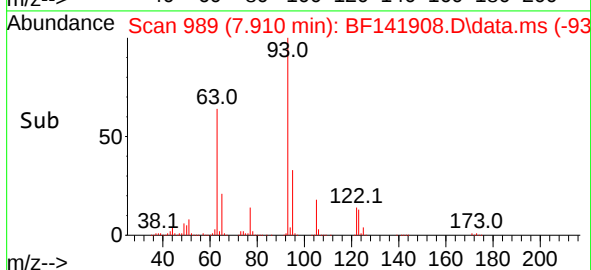
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

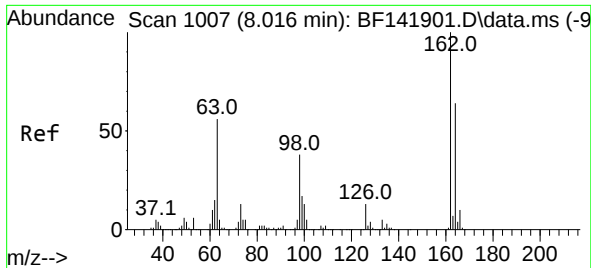


#28
bis(2-Chloroethoxy)methane
Concen: 52.617 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion: 93 Resp: 799608
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 54.536 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

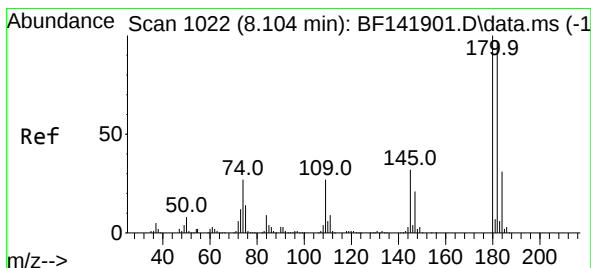
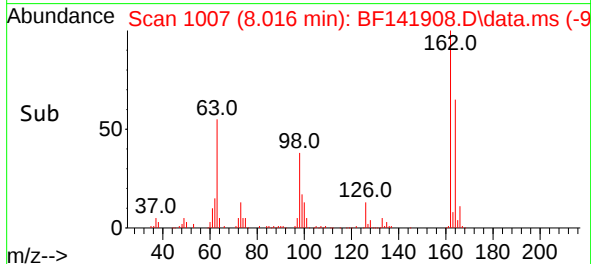
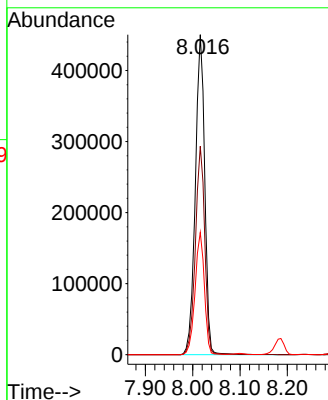
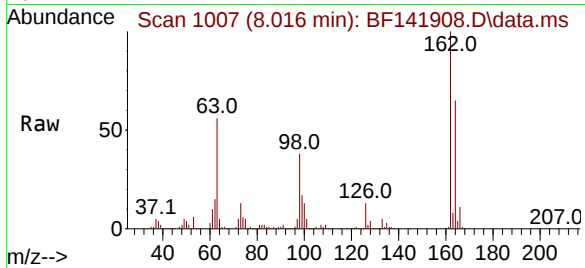
SP6752

Tgt Ion:162 Resp: 62336
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.8 83.8
 98 38.2 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.373 ng

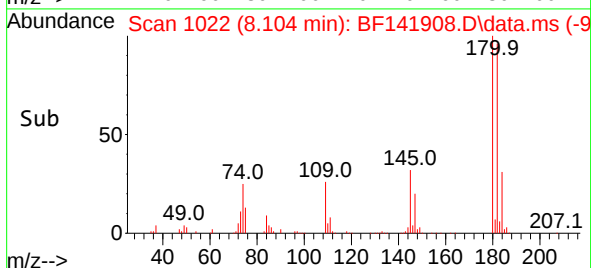
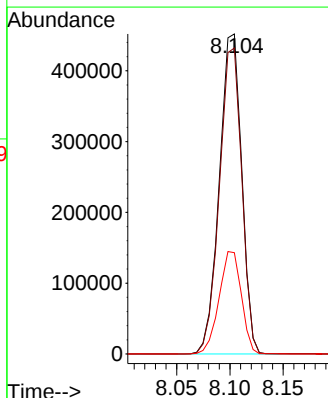
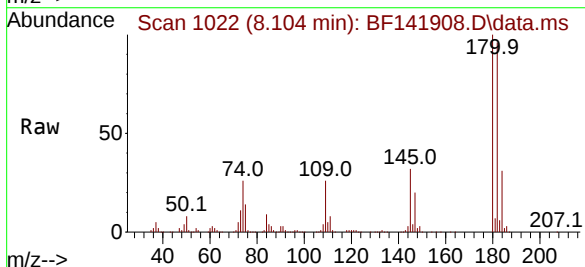
RT: 8.104 min Scan# 1022

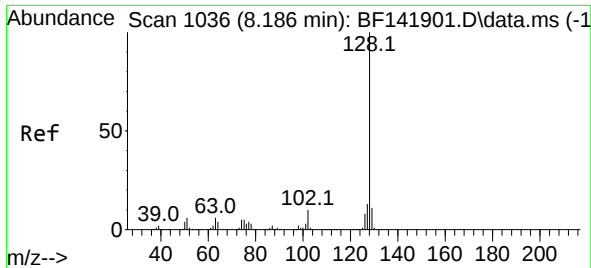
Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

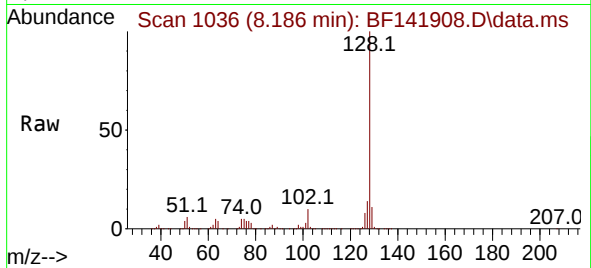
Tgt Ion:180 Resp: 659721
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 31.7 25.8 38.6





#31
Naphthalene
Concen: 49.672 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

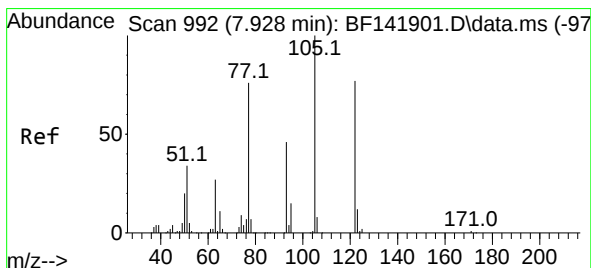
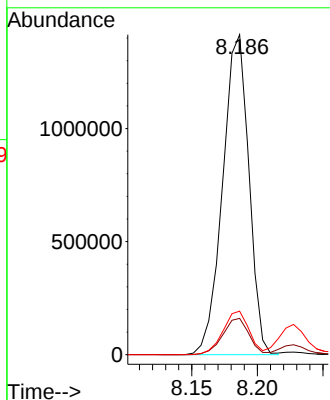
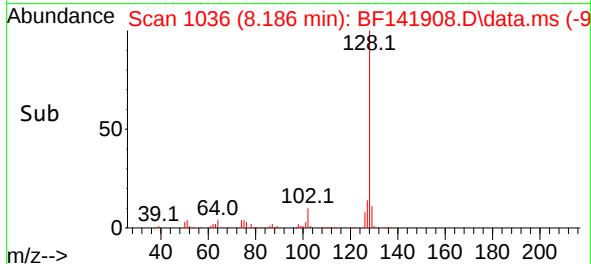
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:128 Resp: 1968215
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2

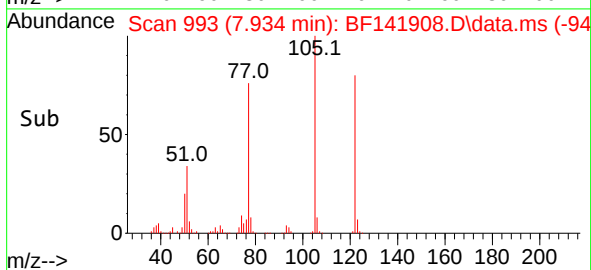
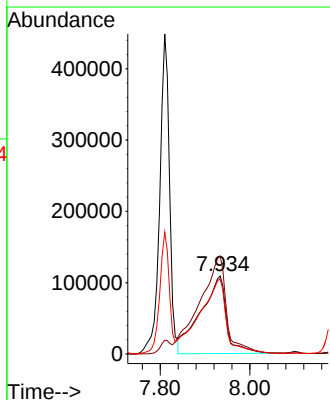
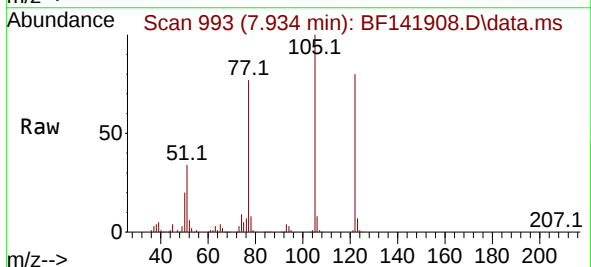
Manual Integrations
APPROVED

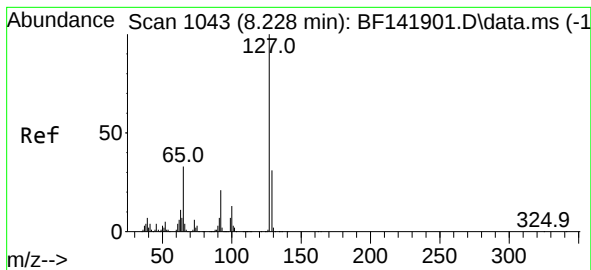
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#32
Benzoic acid
Concen: 54.570 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

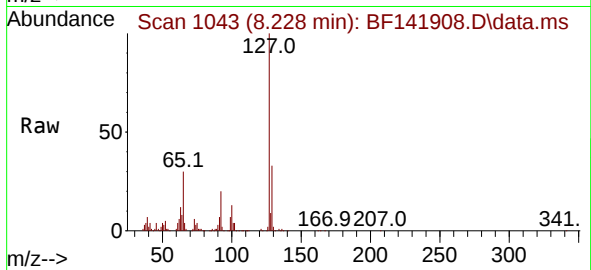
Tgt Ion:122 Resp: 441735
Ion Ratio Lower Upper
122 100
105 125.7 107.9 147.9
77 96.6 79.0 119.0





#33
4-Chloroaniline
Concen: 14.973 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

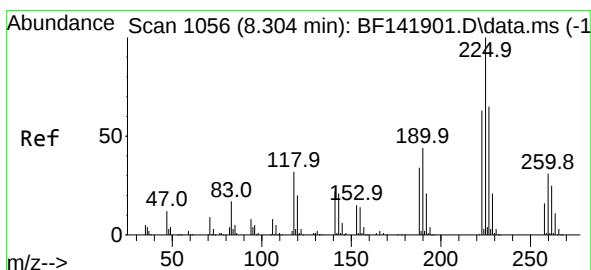
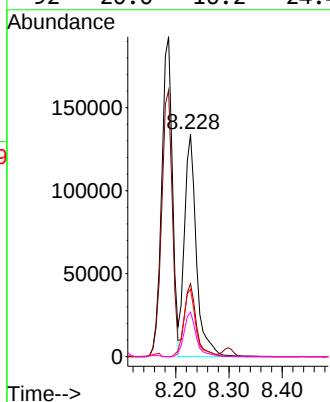
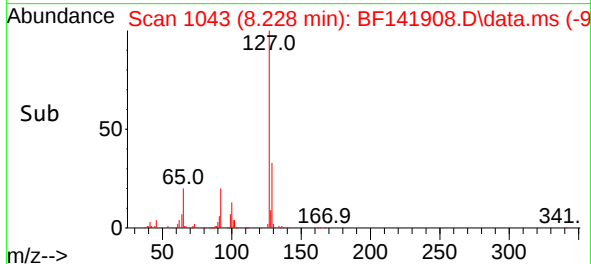
Instrument :
BNA_F
ClientSampleId :
SP6752



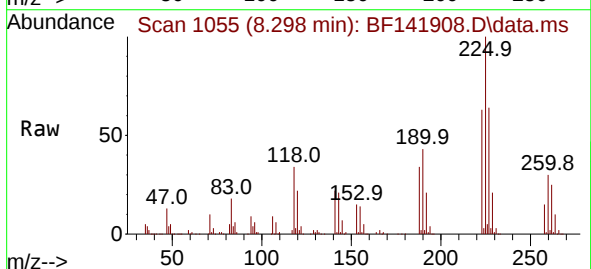
Tgt Ion:127 Resp: 20944
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 30.3 25.4 38.2
92 20.0 16.2 24.4

Manual Integrations
APPROVED

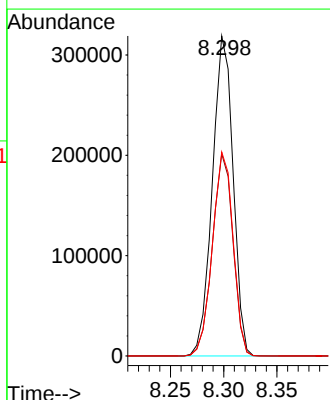
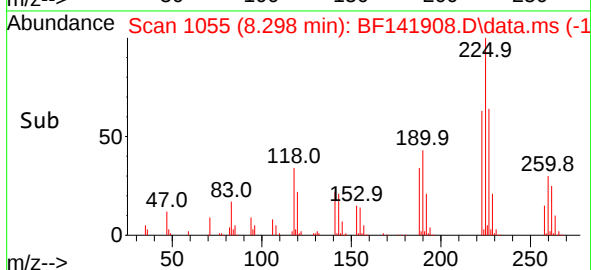
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

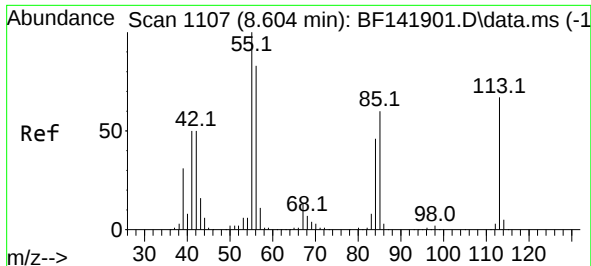


#34
Hexachlorobutadiene
Concen: 52.374 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



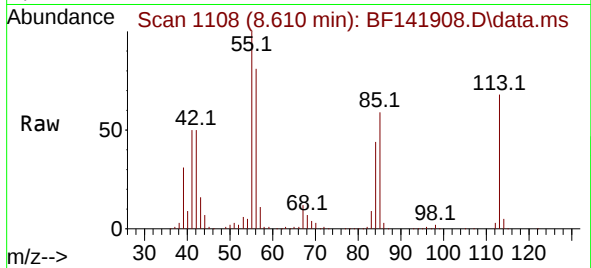
Tgt Ion:225 Resp: 430248
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 63.8 52.2 78.2





#35
Caprolactam
Concen: 60.320 ng m
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

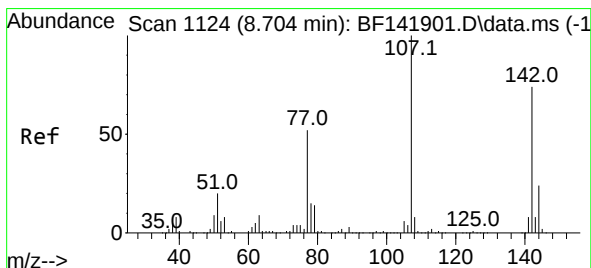
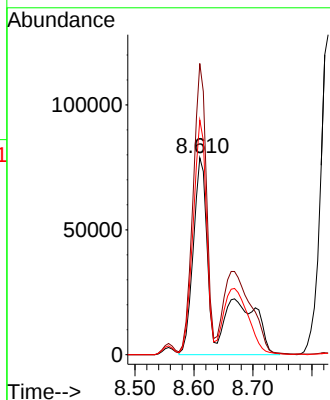
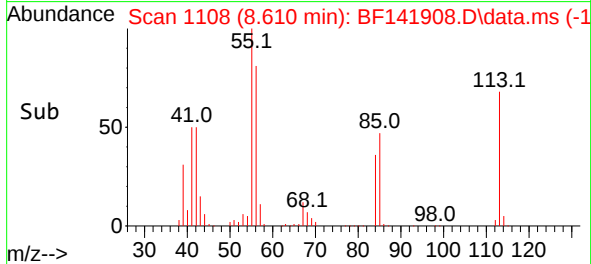
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:113 Resp: 21020
Ion Ratio Lower Upper
113 100
55 147.8 129.6 169.6
56 119.2 104.0 144.0

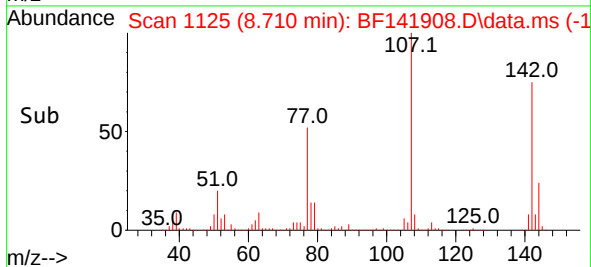
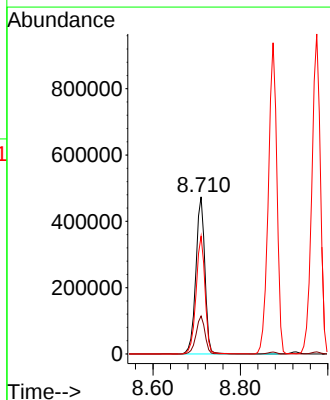
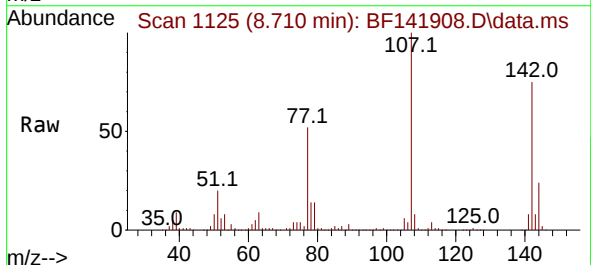
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#36
4-Chloro-3-methylphenol
Concen: 53.348 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:107 Resp: 680224
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.6
142 74.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.157 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:142 Resp: 127544

Ion Ratio Lower Upper

142 100

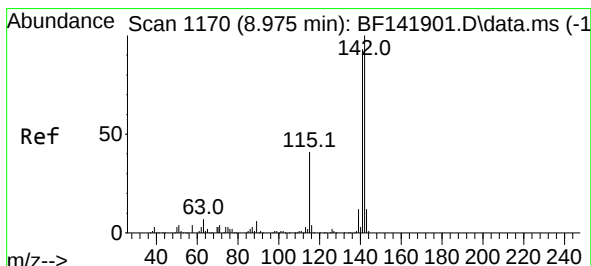
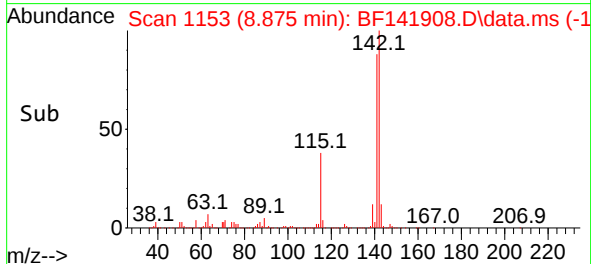
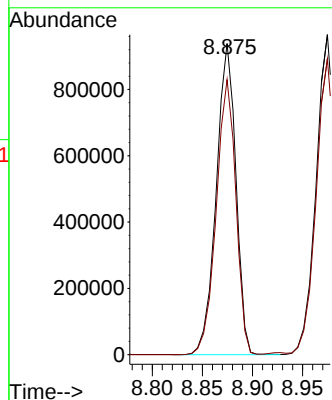
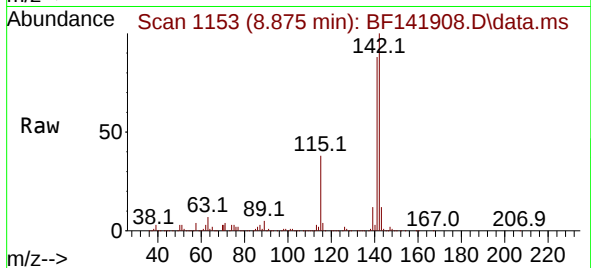
141 88.4 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#38

1-Methylnaphthalene

Concen: 51.238 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141908.D

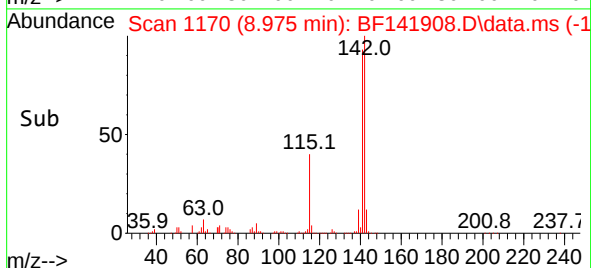
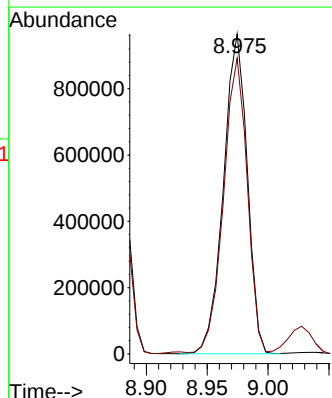
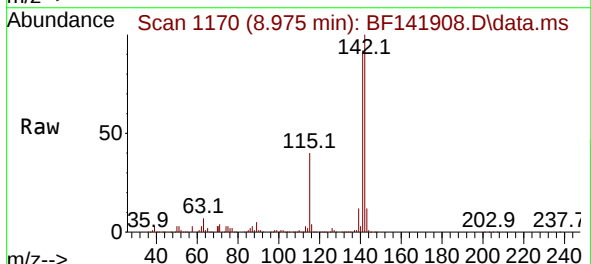
Acq: 10 Mar 2025 17:39

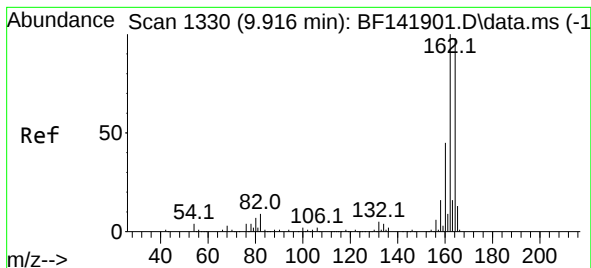
Tgt Ion:142 Resp: 1309524

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141908.D

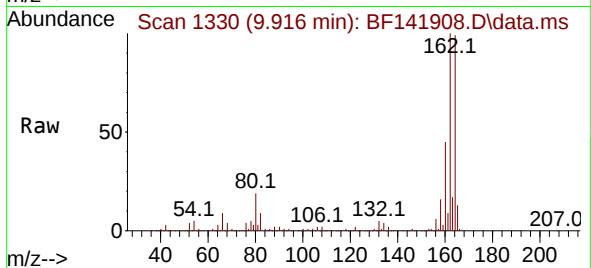
Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752



Tgt Ion:164 Resp: 48069

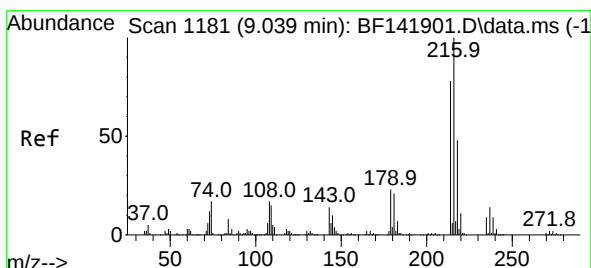
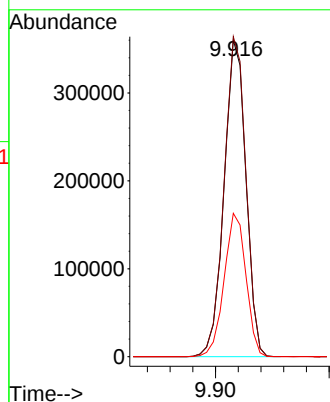
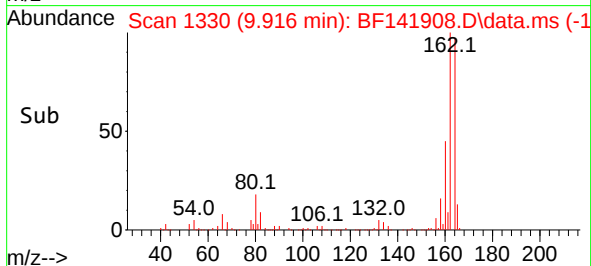
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.6
160	45.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.387 ng

RT: 9.039 min Scan# 1181

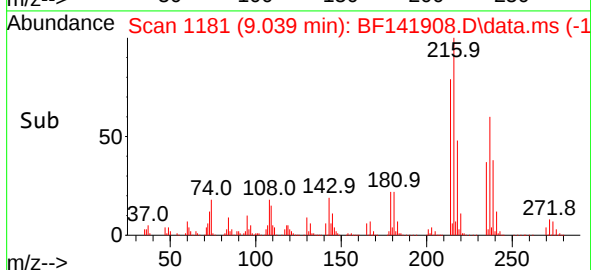
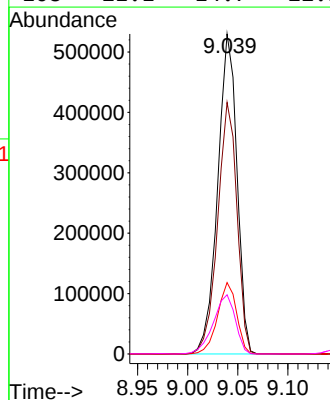
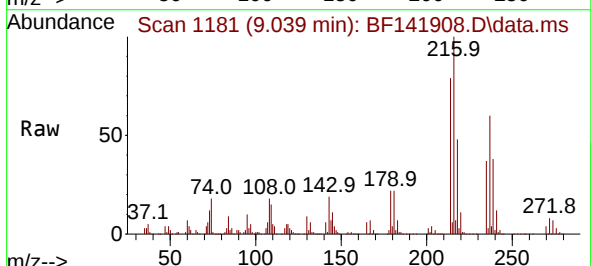
Delta R.T. 0.000 min

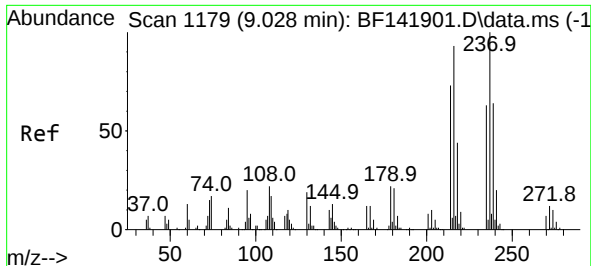
Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Tgt Ion:216 Resp: 708155

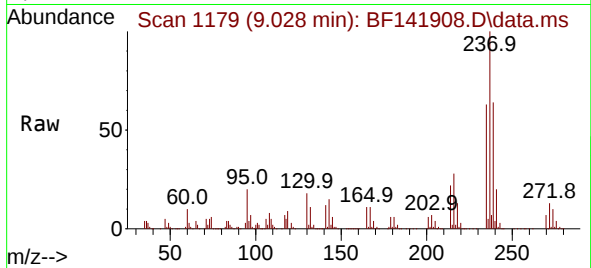
Ion	Ratio	Lower	Upper
216	100		
214	78.6	61.9	92.9
179	22.1	18.1	27.1
108	21.1	14.7	22.1





#41
Hexachlorocyclopentadiene
Concen: 174.966 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

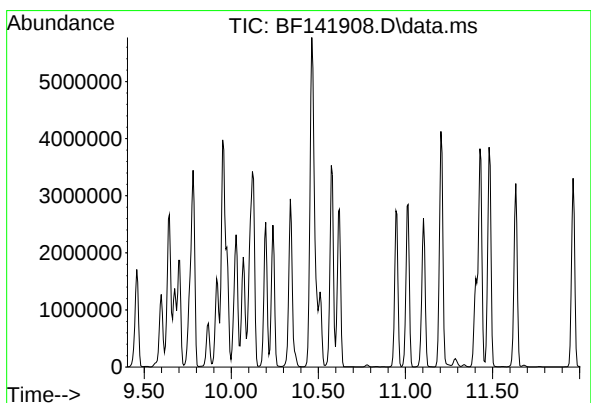
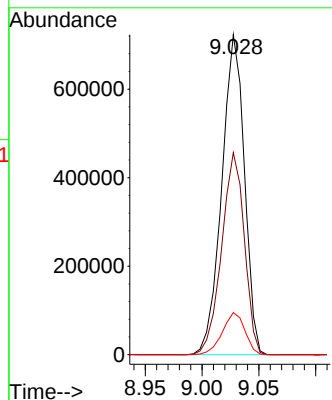
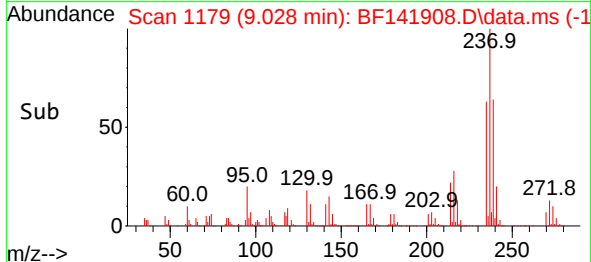
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion: 237 Resp: 1002140
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.2 0.0 32.0

Manual Integrations
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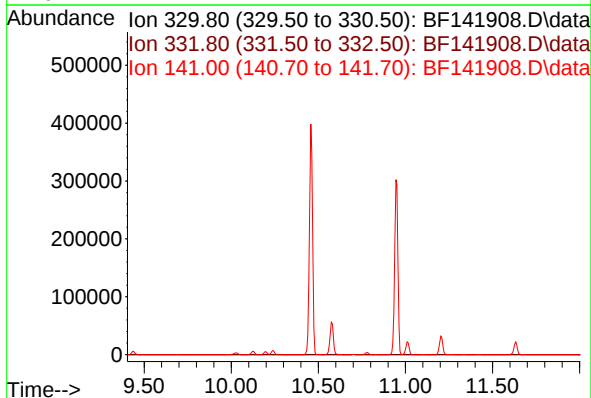
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.0
141 30.9





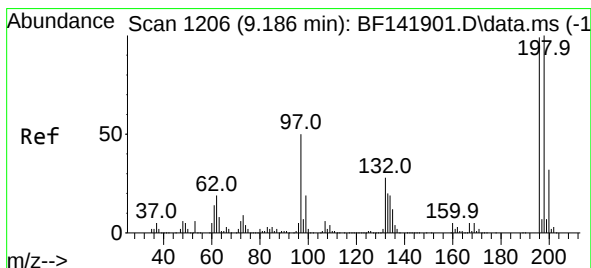
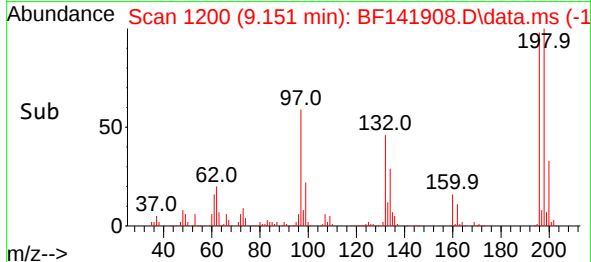
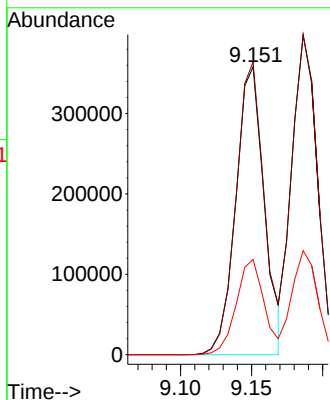
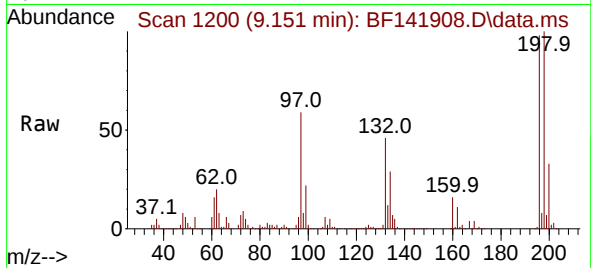
#43
2,4,6-Trichlorophenol
Concen: 52.026 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Instrument :
BNA_F
ClientSampleId :
SP6752

Tgt Ion:196 Resp: 497612
Ion Ratio Lower Upper
196 100
198 101.6 80.6 121.0
200 33.1 25.8 38.6

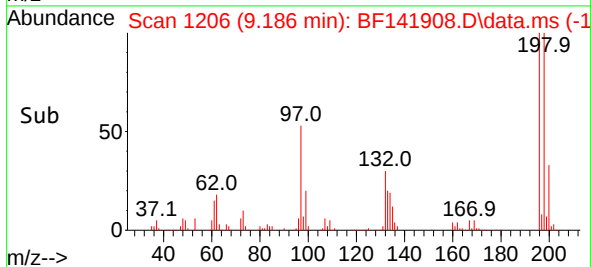
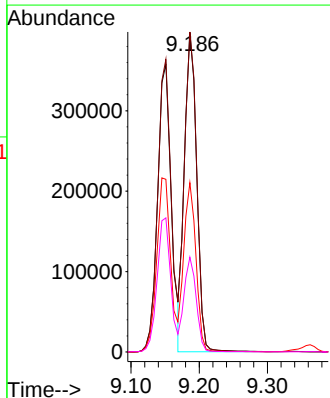
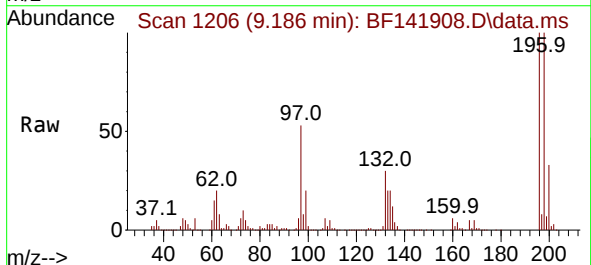
Manual Integrations
APPROVED

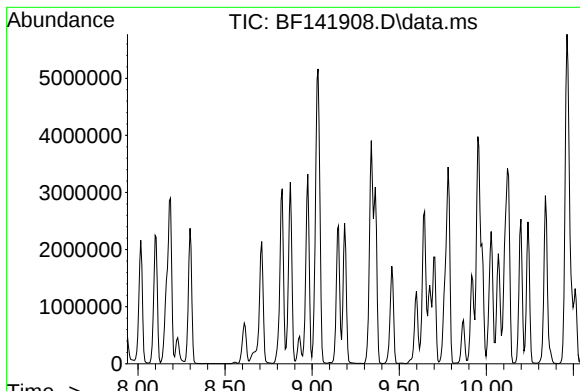
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#44
2,4,5-Trichlorophenol
Concen: 51.525 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:196 Resp: 499132
Ion Ratio Lower Upper
196 100
198 100.2 80.7 121.1
97 53.0 42.1 63.1
132 29.7 23.4 35.2





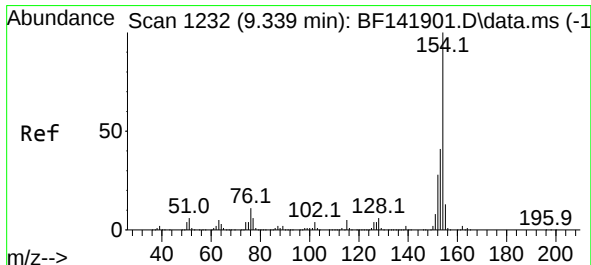
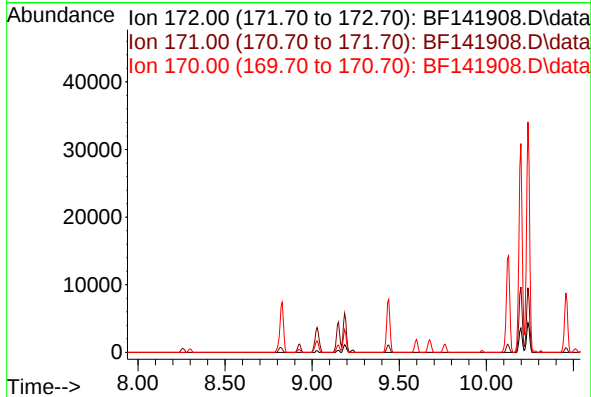
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.6
 170 24.2

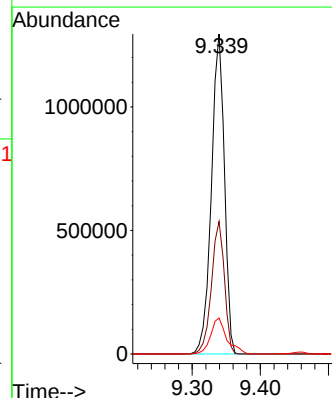
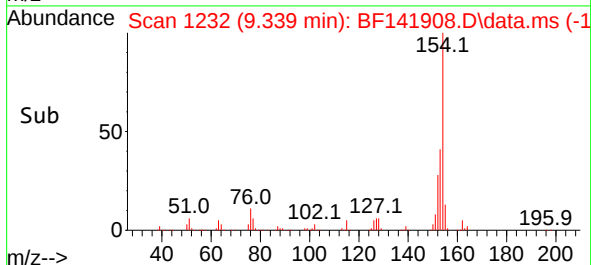
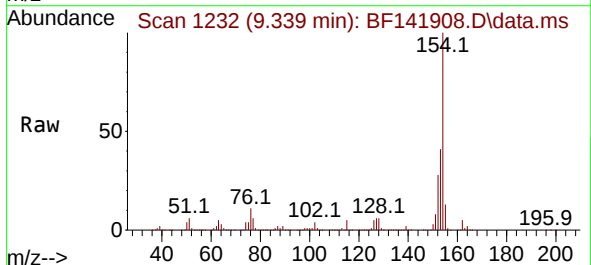
Manual Integrations
 APPROVED

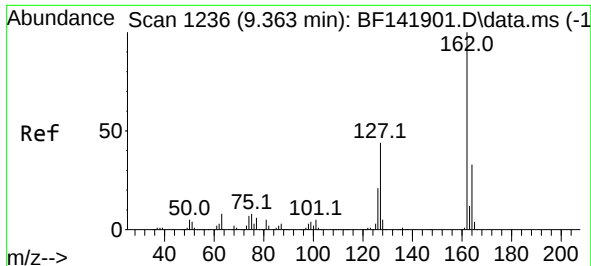
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#46
 1,1'-Biphenyl
 Concen: 47.066 ng
 RT: 9.339 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Tgt Ion:154 Resp: 1719033
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.1 61.1
 76 11.3 0.0 31.3





#47

2-Chloronaphthalene

Concen: 47.994 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:162 Resp: 130654

Ion Ratio Lower Upper

162 100

127 43.8 35.5 53.3

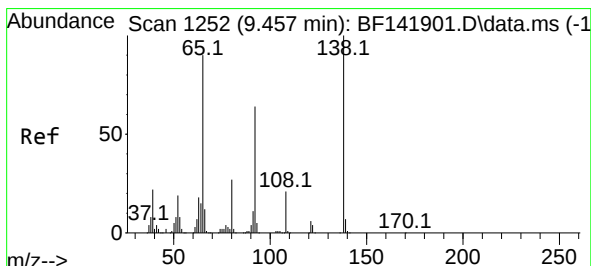
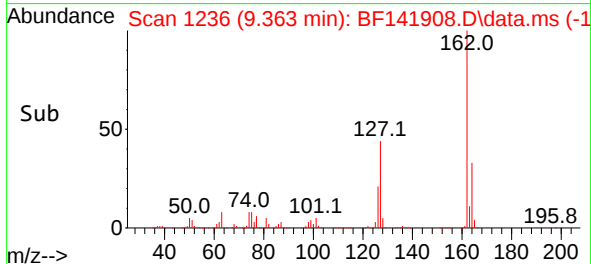
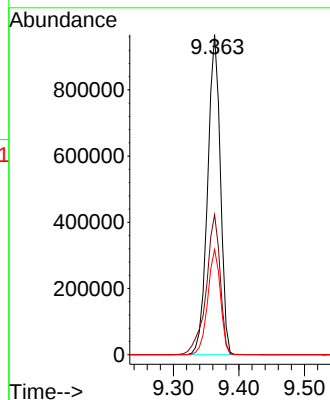
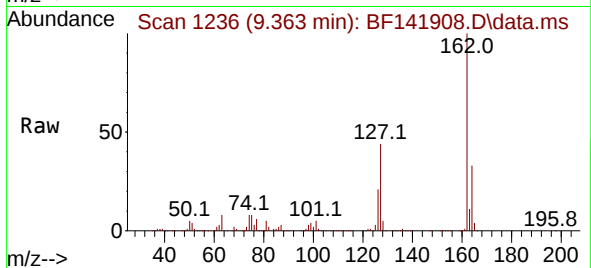
164 32.9 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#48

2-Nitroaniline

Concen: 52.538 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

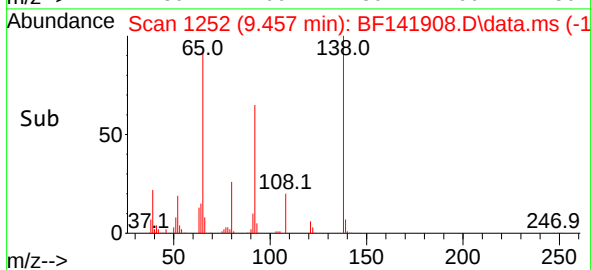
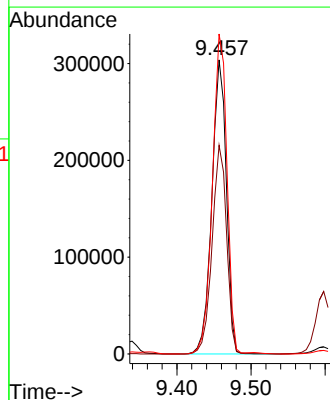
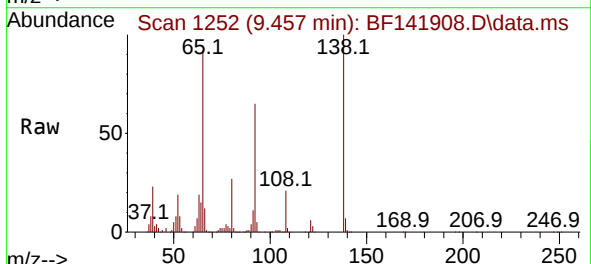
Tgt Ion: 65 Resp: 414114

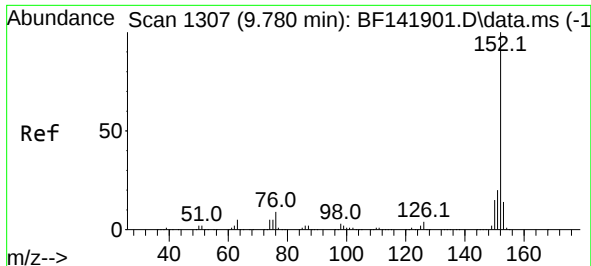
Ion Ratio Lower Upper

65 100

92 71.0 56.6 84.8

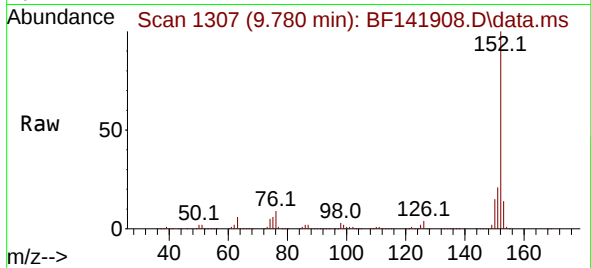
138 108.8 88.6 133.0





#49
Acenaphthylene
Concen: 52.765 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

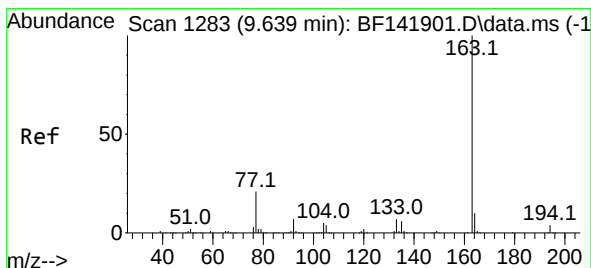
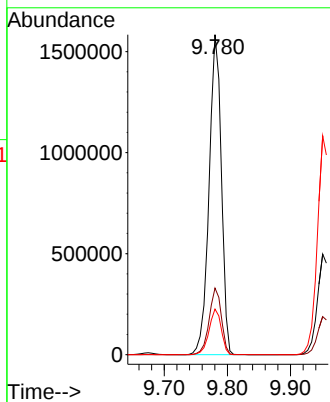
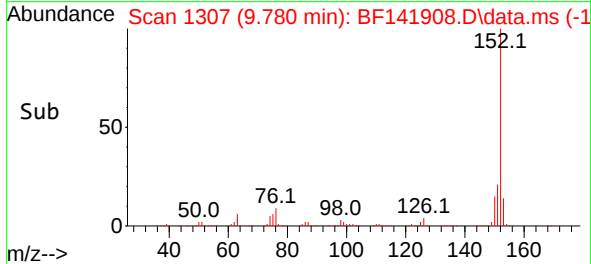
Instrument :
BNA_F
ClientSampleId :
SP6752



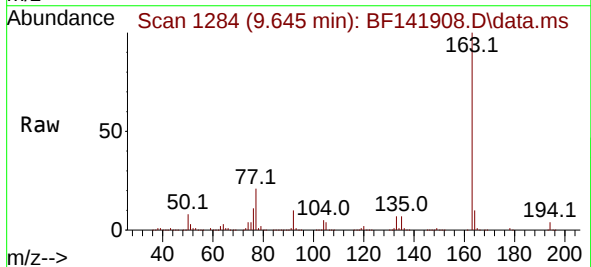
Tgt Ion:152 Resp: 213159
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.2 11.1 16.7

Manual Integrations
APPROVED

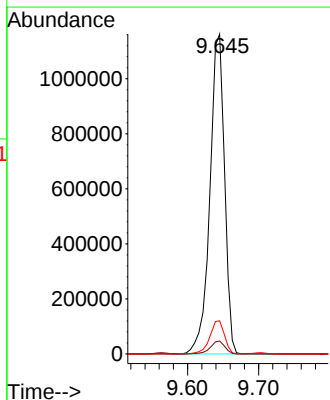
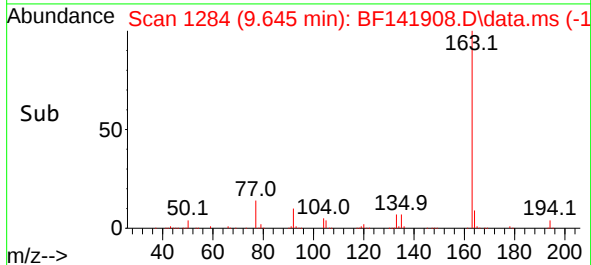
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

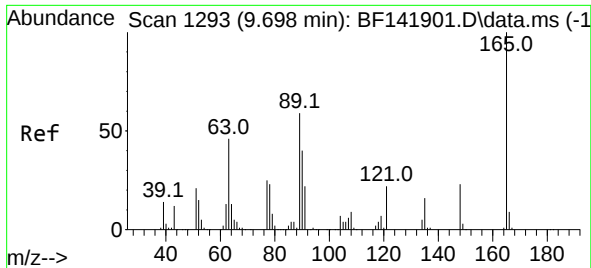


#50
Dimethylphthalate
Concen: 49.501 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



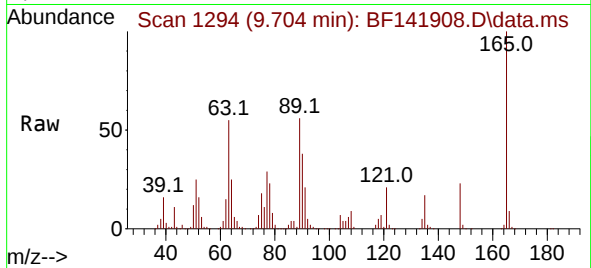
Tgt Ion:163 Resp: 1666317
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 51.228 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

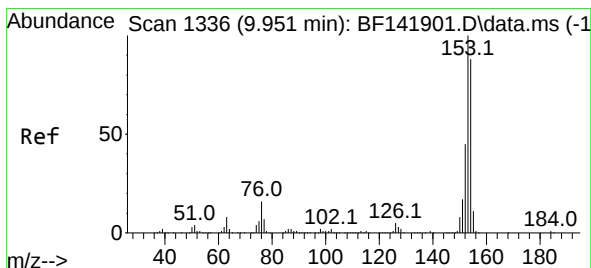
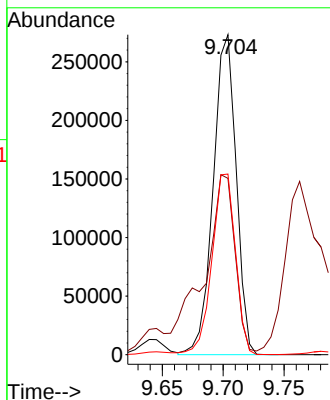
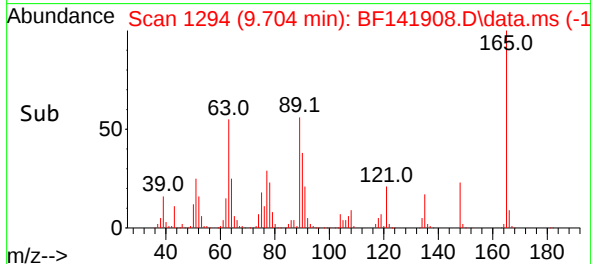
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:165 Resp: 359040
Ion Ratio Lower Upper
165 100
63 55.1 47.0 70.4
89 56.4 47.4 71.2

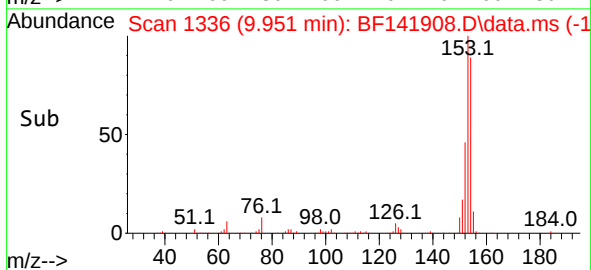
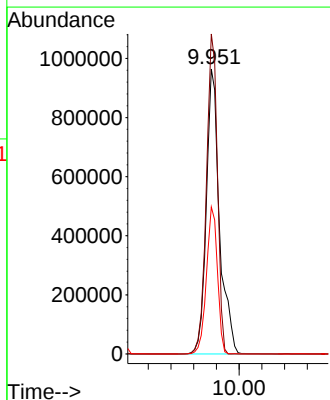
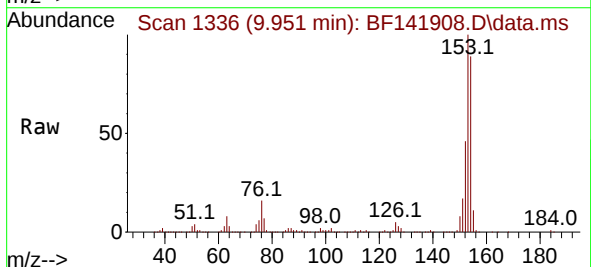
Manual Integrations
APPROVED

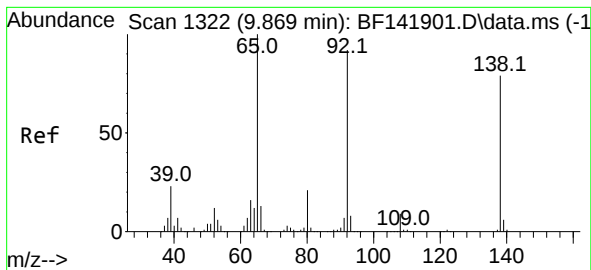
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#52
Acenaphthene
Concen: 54.635 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

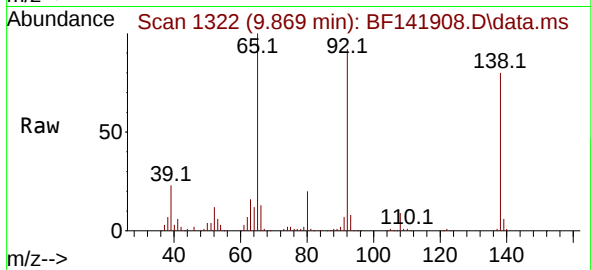
Tgt Ion:154 Resp: 1551085
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 51.6 41.1 61.7





#53
3-Nitroaniline
Concen: 23.923 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

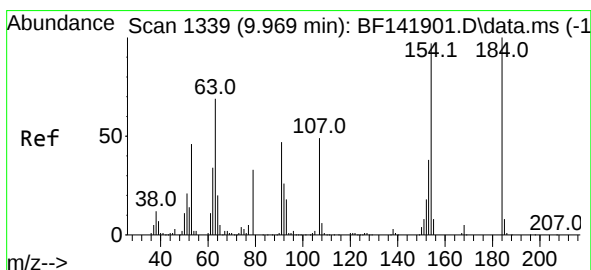
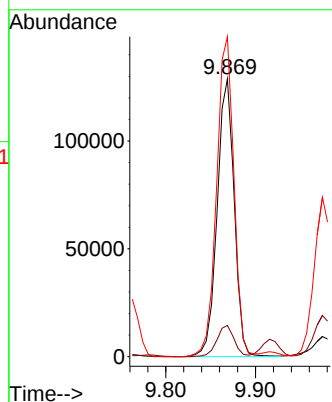
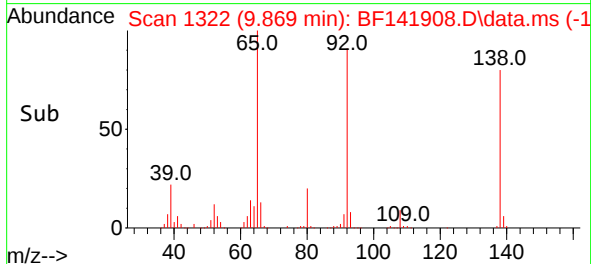
Instrument :
BNA_F
ClientSampleId :
SP6752



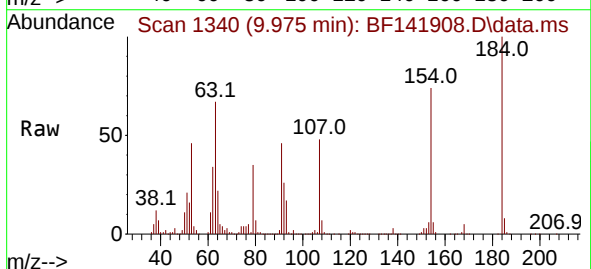
Tgt Ion:138 Resp: 17008
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 115.2 93.5 140.3

Manual Integrations
APPROVED

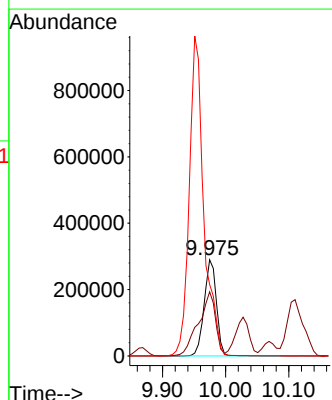
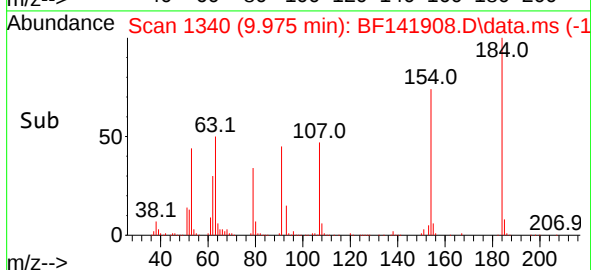
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

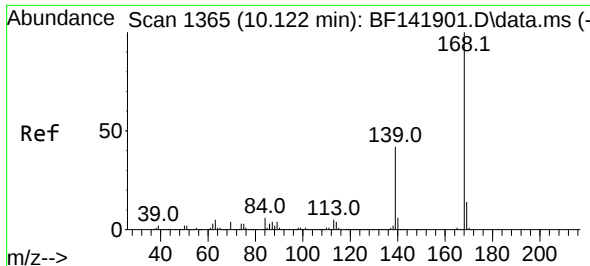


#54
2,4-Dinitrophenol
Concen: 96.731 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



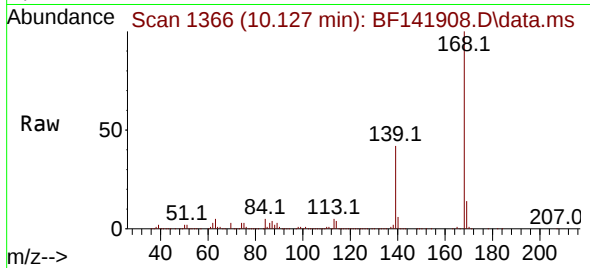
Tgt Ion:184 Resp: 391165
Ion Ratio Lower Upper
184 100
63 66.7 60.2 90.4
154 74.3 132.9 199.3#





#55
Dibenzenofuran
Concen: 47.208 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

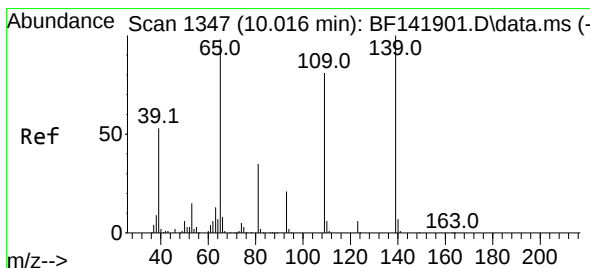
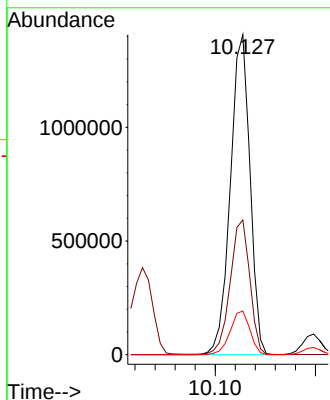
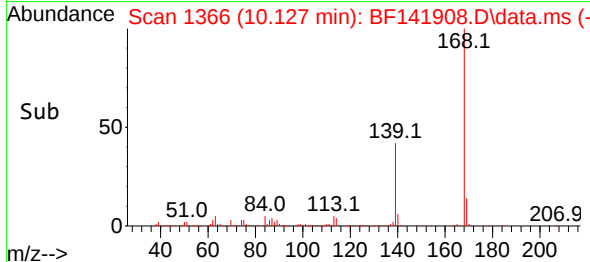
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:168 Resp: 1915054
Ion Ratio Lower Upper
168 100
139 42.1 33.9 50.9
169 13.7 11.0 16.4

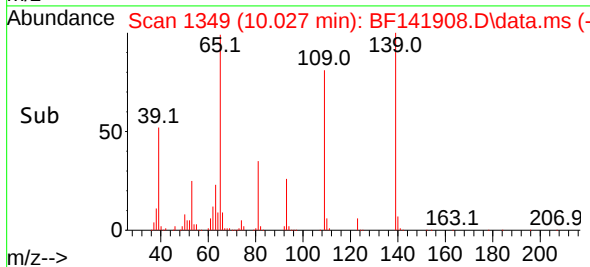
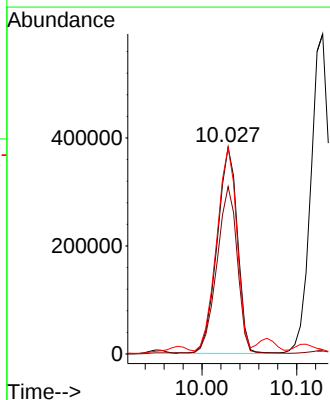
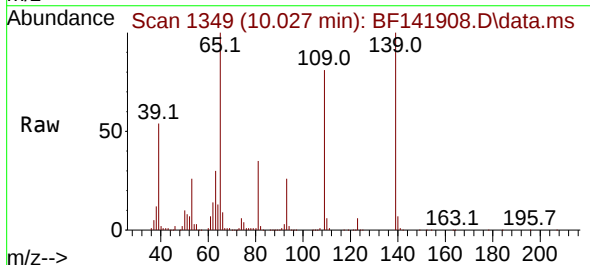
Manual Integrations
APPROVED

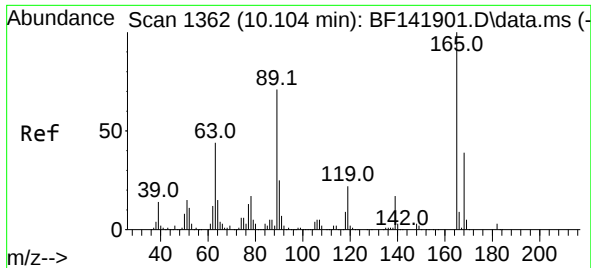
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#56
4-Nitrophenol
Concen: 106.938 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

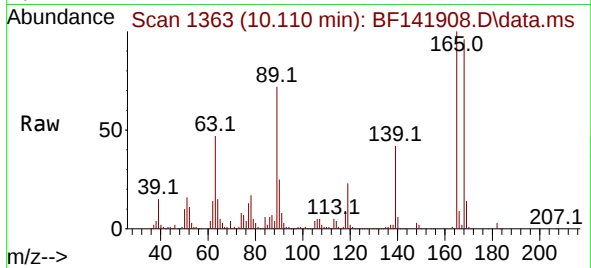
Tgt Ion:139 Resp: 573340
Ion Ratio Lower Upper
139 100
109 81.0 61.6 101.6
65 100.0 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 53.782 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

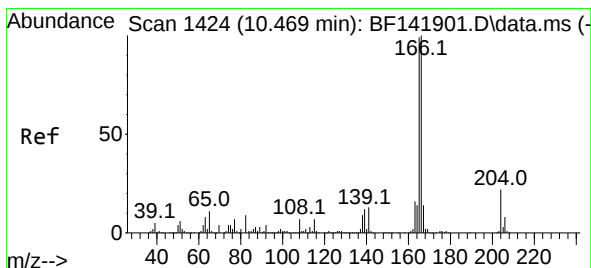
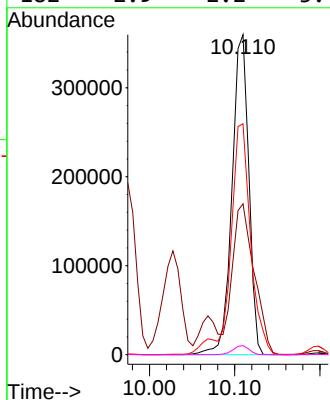
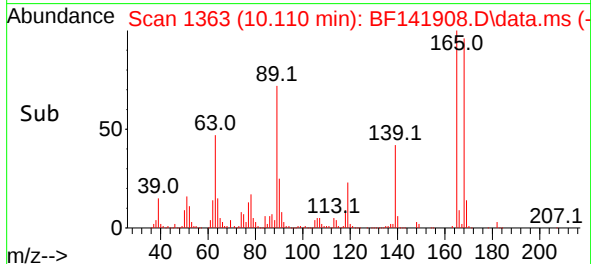
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:165 Resp: 492330
Ion Ratio Lower Upper
165 100
63 47.1 35.4 53.2
89 72.2 56.6 84.8
182 2.9 2.2 3.4

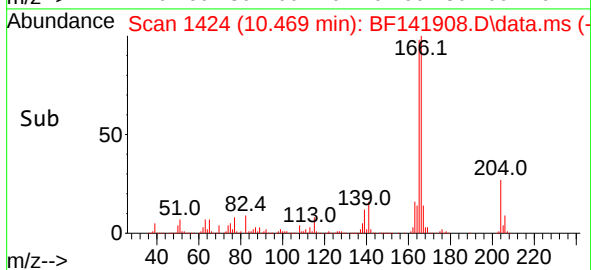
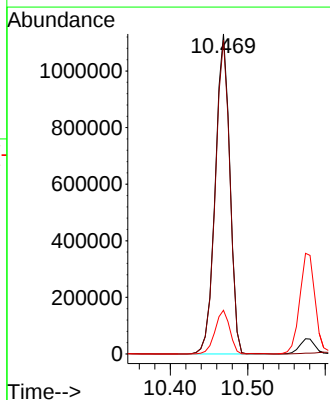
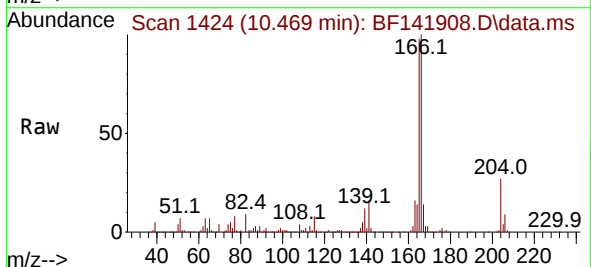
Manual Integrations
APPROVED

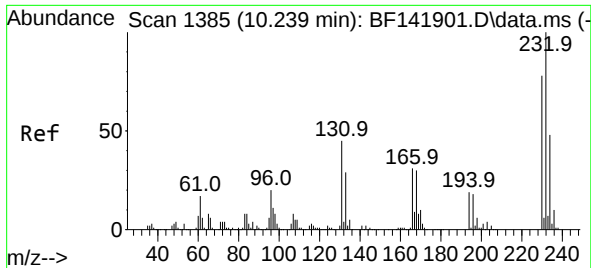
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#58
Fluorene
Concen: 47.311 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

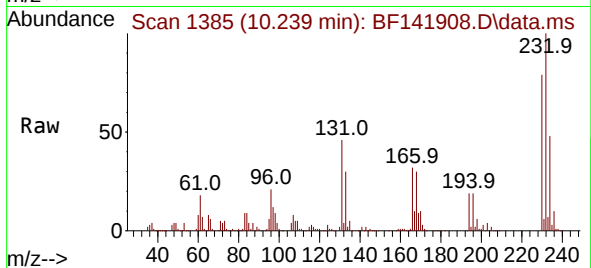
Tgt Ion:166 Resp: 1480049
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.4
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.789 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

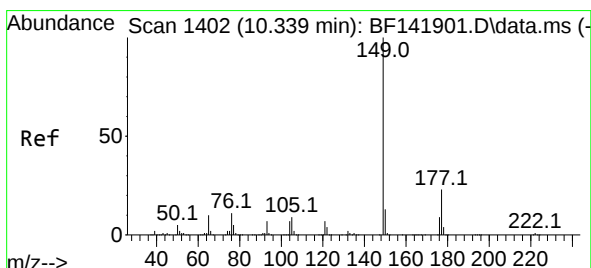
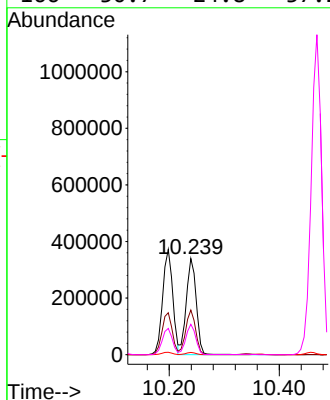
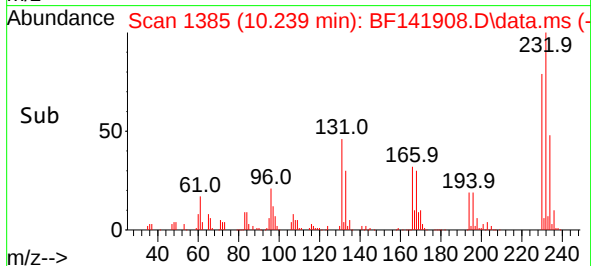
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:232 Resp: 430080
Ion Ratio Lower Upper
232 100
131 45.6 37.3 55.9
130 2.3 1.9 2.9
166 30.7 24.8 37.2

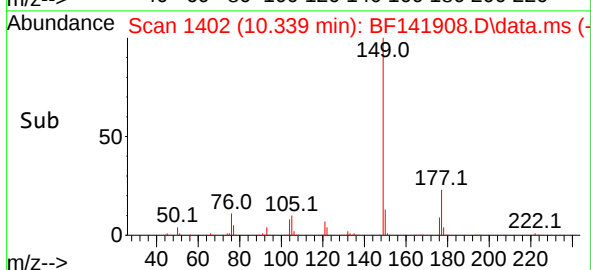
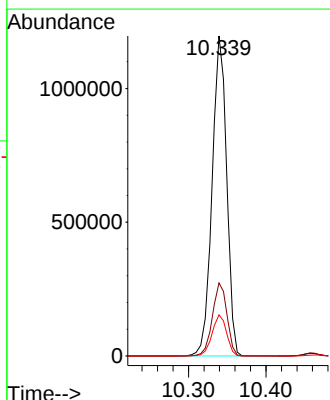
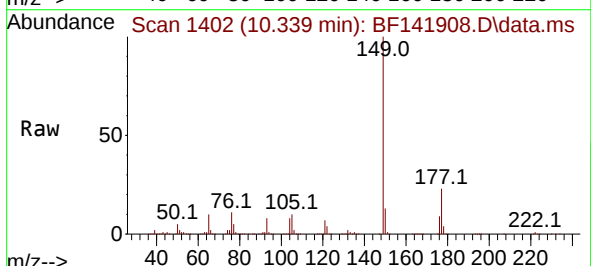
Manual Integrations
APPROVED

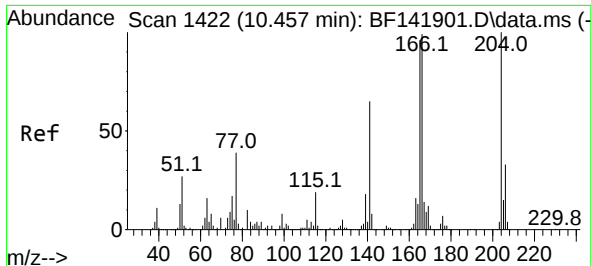
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#60
Diethylphthalate
Concen: 46.411 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

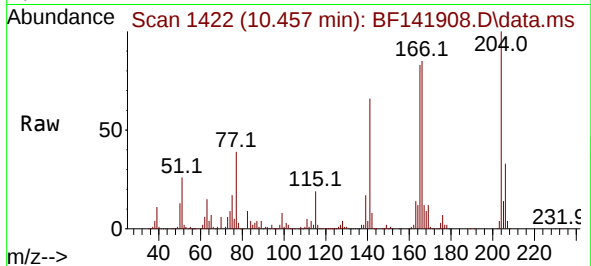
Tgt Ion:149 Resp: 1557805
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.445 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

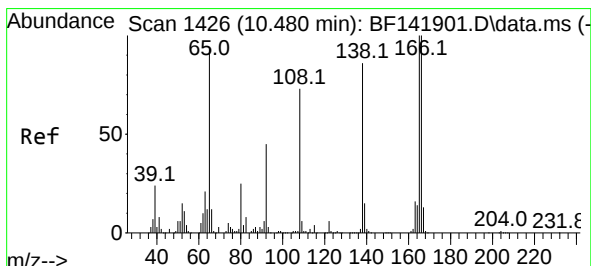
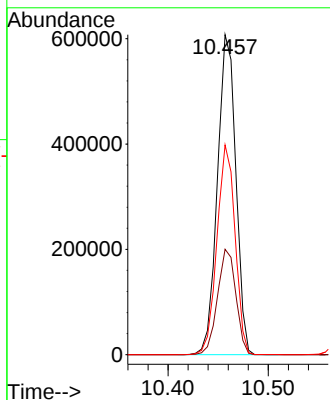
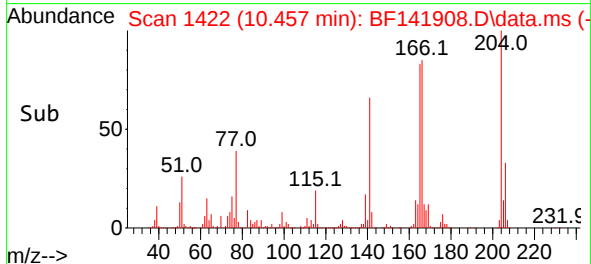
Instrument :
BNA_F
ClientSampleId :
SP6752



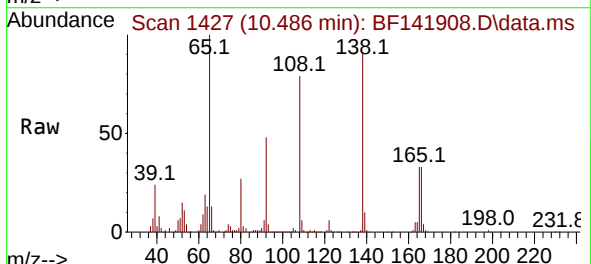
Tgt Ion:204 Resp: 77380
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 65.5 52.4 78.6

Manual Integrations
APPROVED

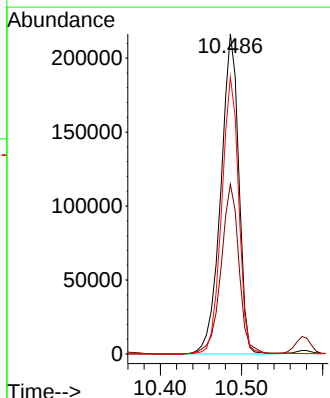
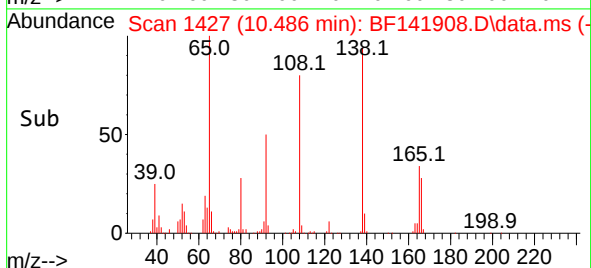
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

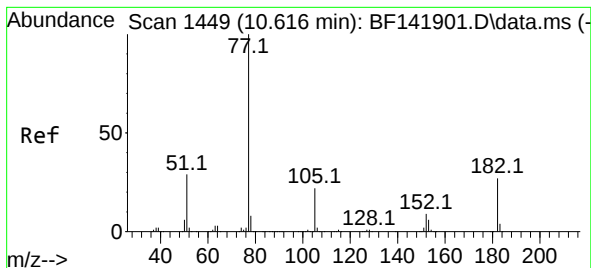


#62
4-Nitroaniline
Concen: 48.169 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion:138 Resp: 333400
Ion Ratio Lower Upper
138 100
92 53.1 32.6 72.6
108 86.6 65.0 105.0





#63

Azobenzene

Concen: 46.709 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion: 77 Resp: 1457594

Ion Ratio Lower Upper

77 100

182 26.4 6.6 46.6

105 21.4 1.3 41.3

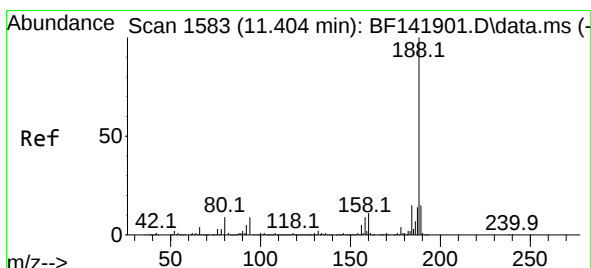
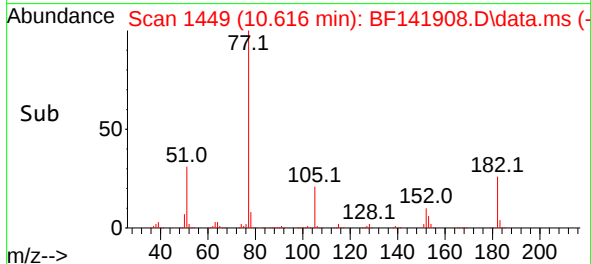
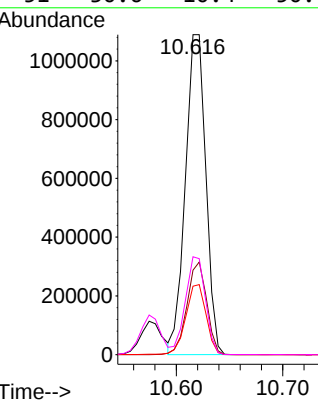
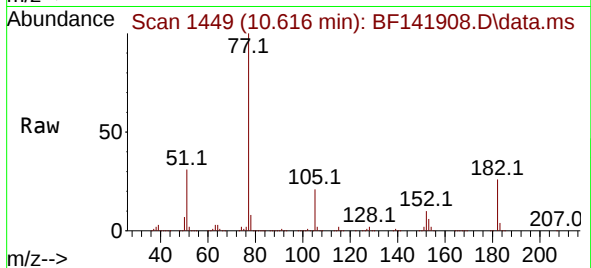
51 30.6 10.4 50.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

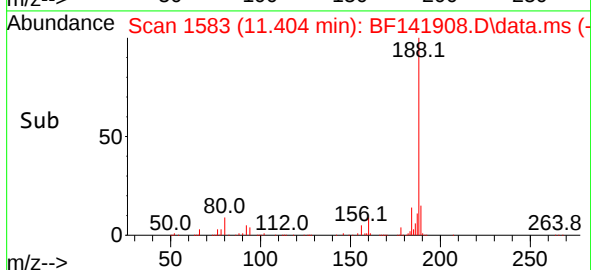
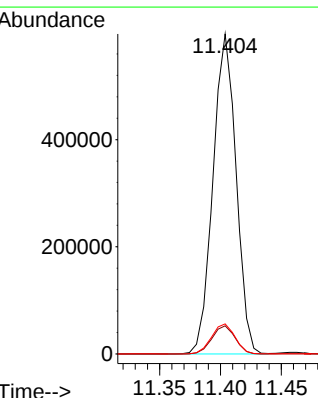
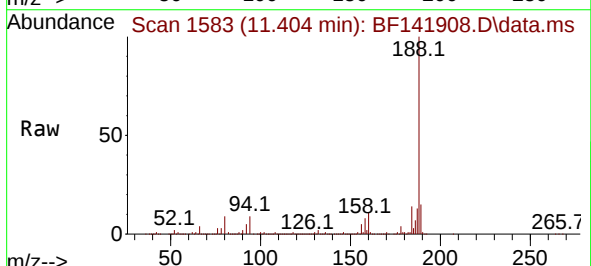
Tgt Ion:188 Resp: 790145

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 9.4 7.6 11.4





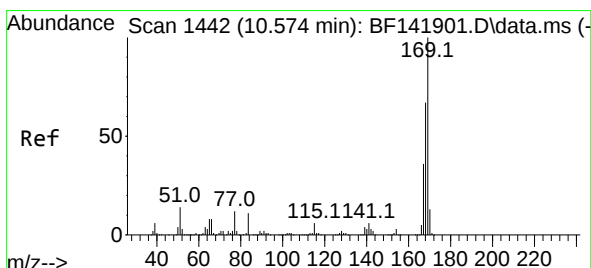
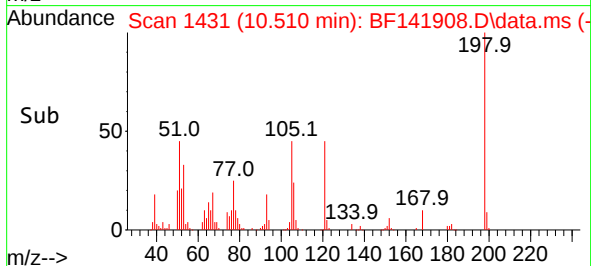
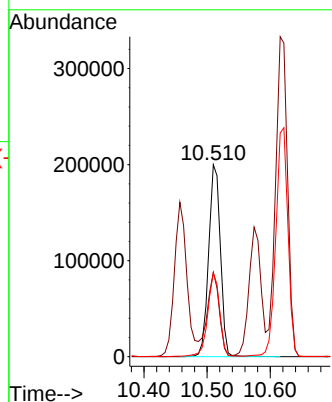
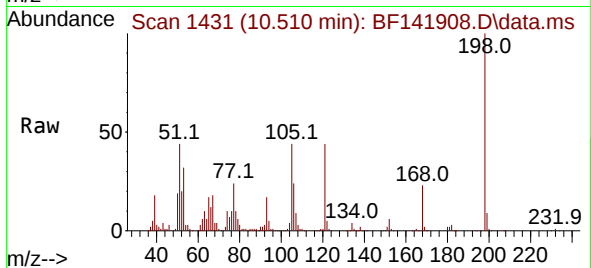
#65
4,6-Dinitro-2-methylphenol
Concen: 54.913 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Instrument :
BNA_F
ClientSampleId :
SP6752

Tgt Ion:198 Resp: 258662
Ion Ratio Lower Upper
198 100
51 43.9 22.3 62.3
105 43.7 23.0 63.0

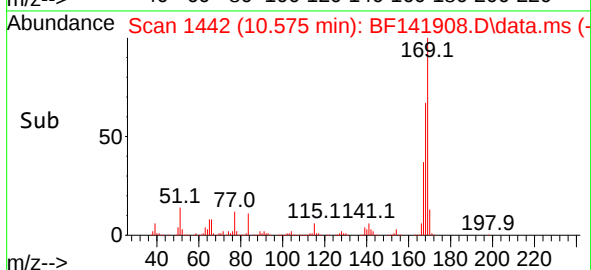
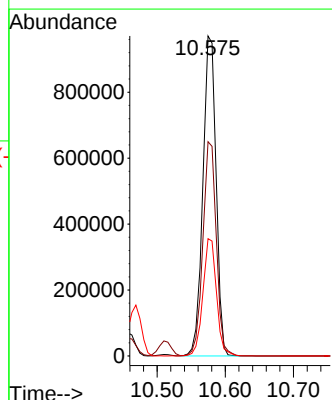
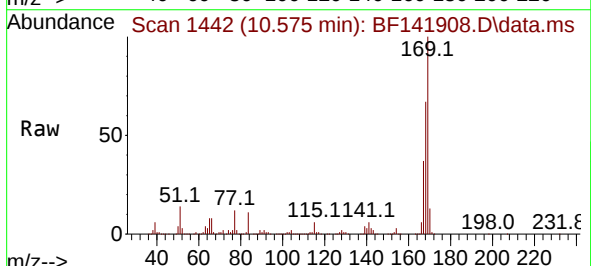
Manual Integrations
APPROVED

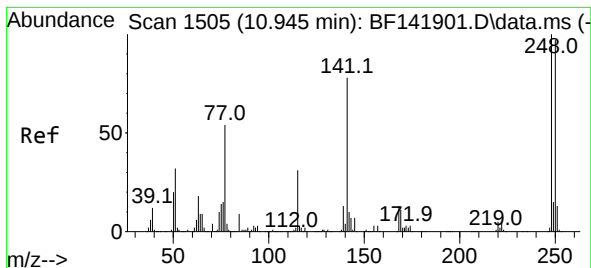
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#66
n-Nitrosodiphenylamine
Concen: 51.086 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

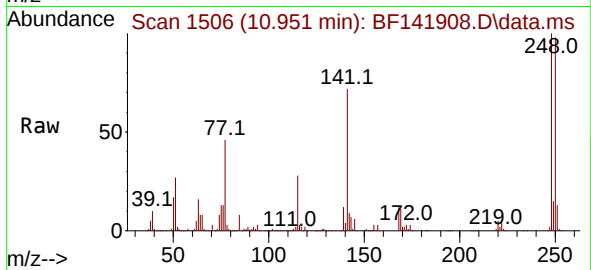
Tgt Ion:169 Resp: 1306247
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.208 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

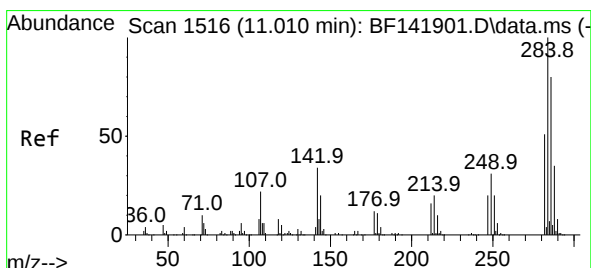
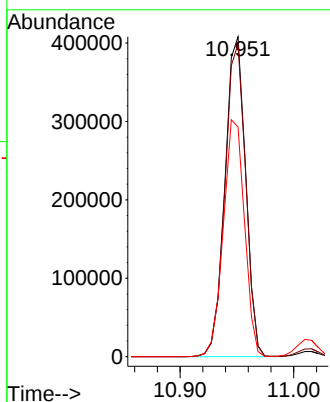
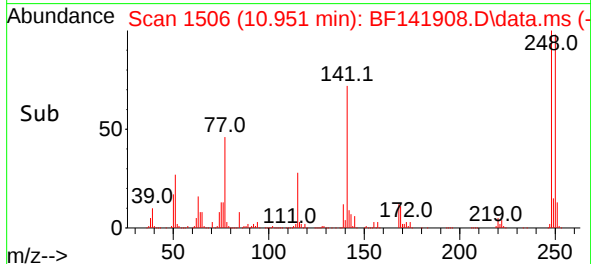
Instrument :
BNA_F
ClientSampleId :
SP6752



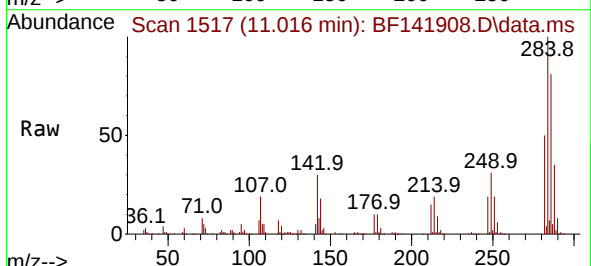
Tgt Ion:248 Resp: 51807
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 71.7 62.6 93.8

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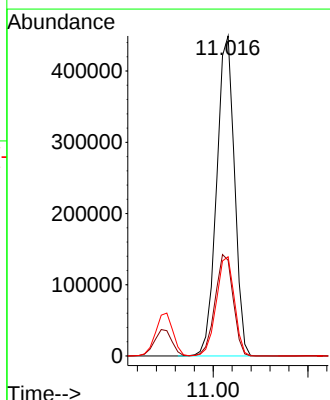
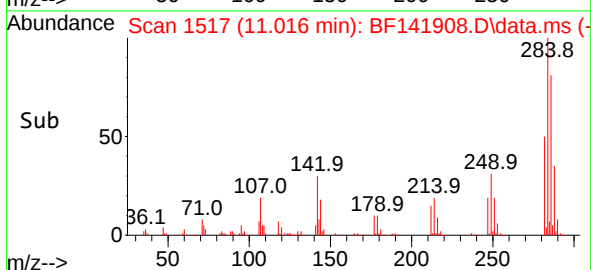
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

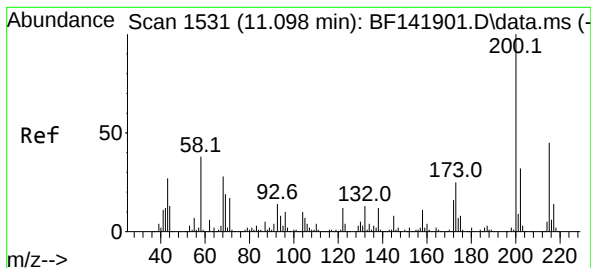


#68
Hexachlorobenzene
Concen: 53.992 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion:284 Resp: 587628
Ion Ratio Lower Upper
284 100
142 29.9 27.0 40.6
249 31.0 25.2 37.8





#69

Atrazine

Concen: 63.572 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:200 Resp: 49831

Ion Ratio Lower Upper

200 100

173 25.4 4.7 44.7

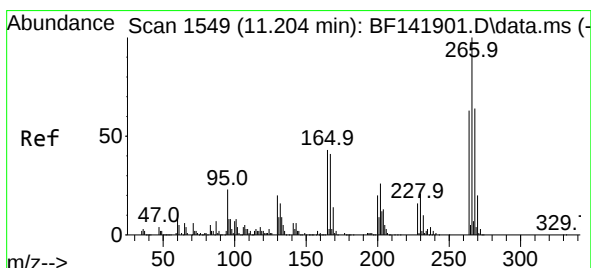
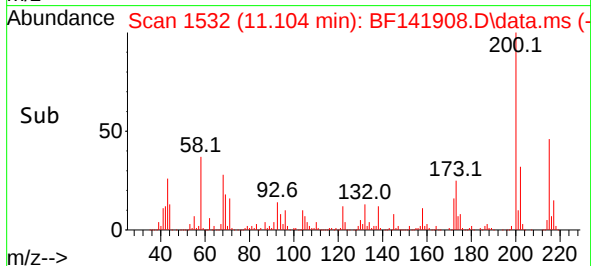
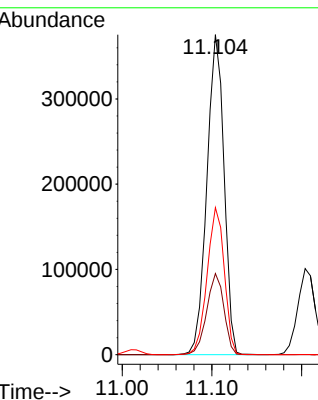
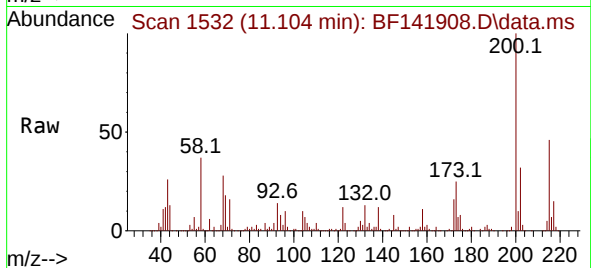
215 45.9 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#70

Pentachlorophenol

Concen: 104.469 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

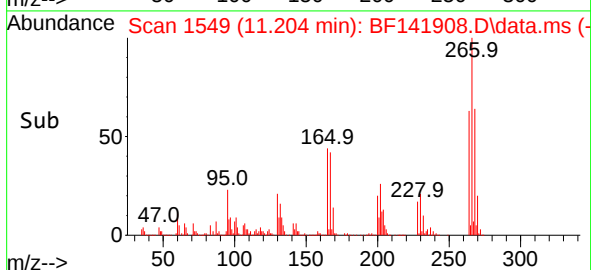
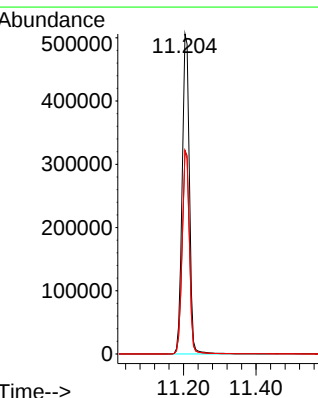
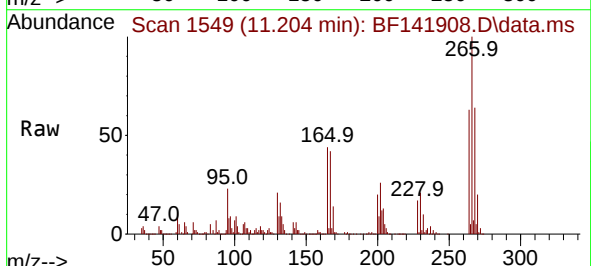
Tgt Ion:266 Resp: 700539

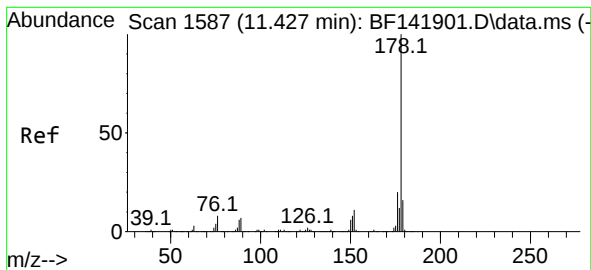
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

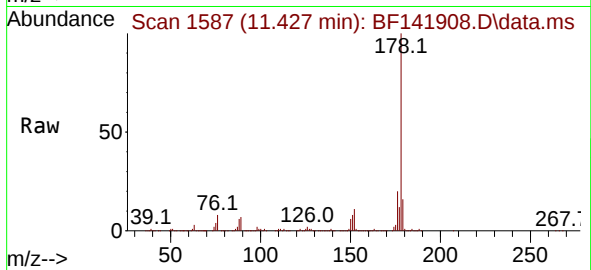
264 63.4 50.2 75.2





#71
Phenanthrene
Concen: 49.857 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

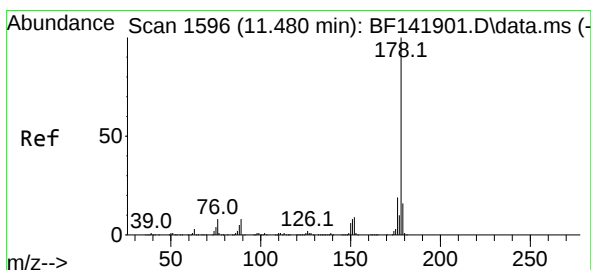
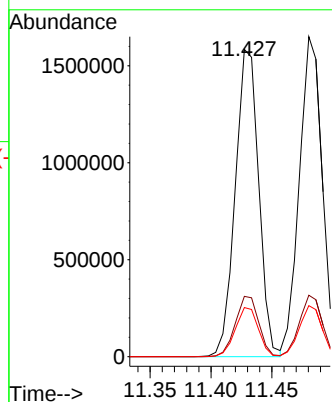
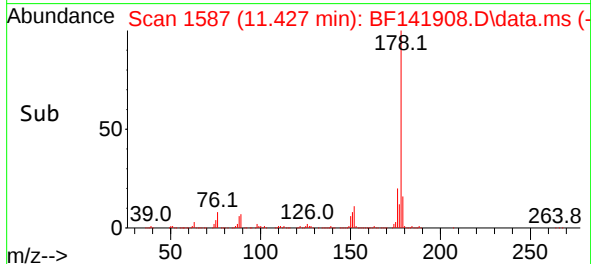
Instrument :
BNA_F
ClientSampleId :
SP6752



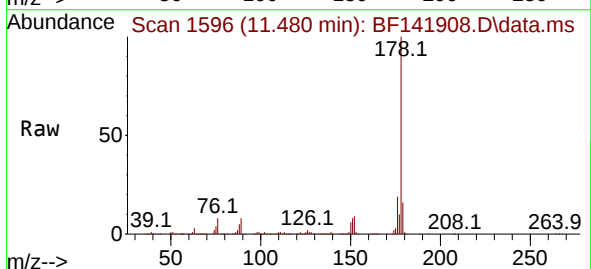
Tgt Ion:178 Resp: 212781
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.0 12.6 19.0

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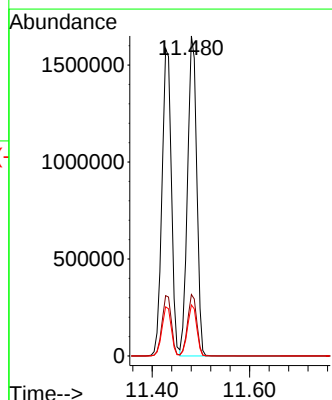
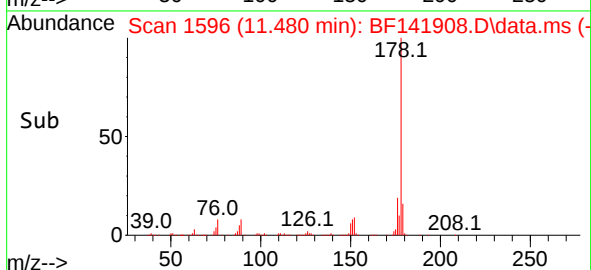
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

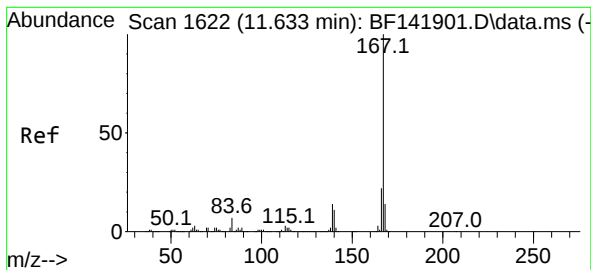


#72
Anthracene
Concen: 50.191 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion:178 Resp: 2149035
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.0 12.6 19.0





#73

Carbazole

Concen: 49.693 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:167 Resp: 1834992

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

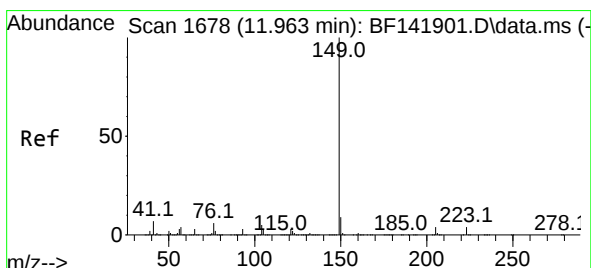
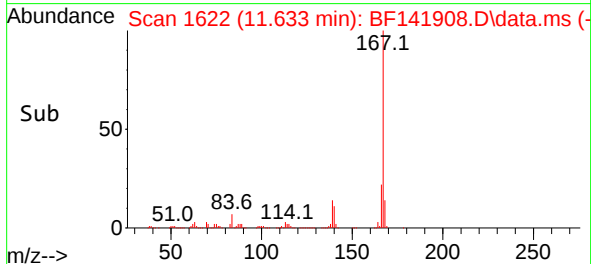
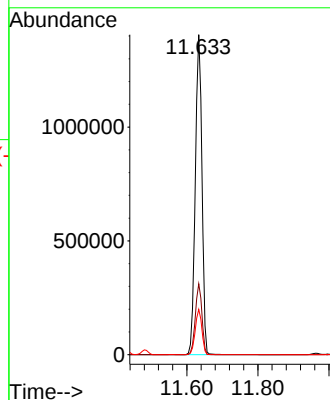
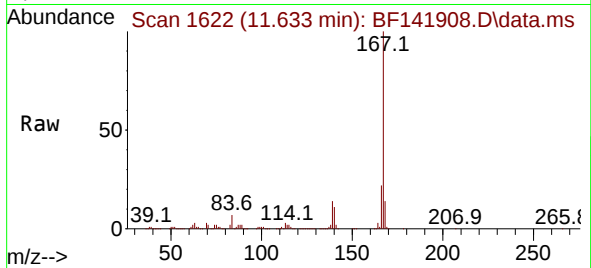
139 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#74

Di-n-butylphthalate

Concen: 48.342 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

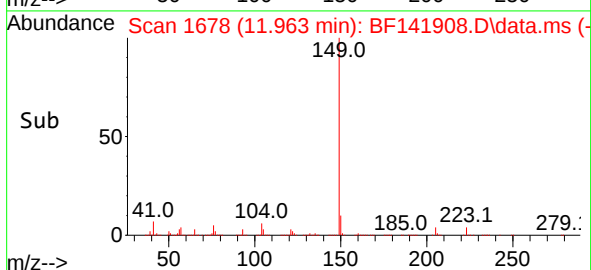
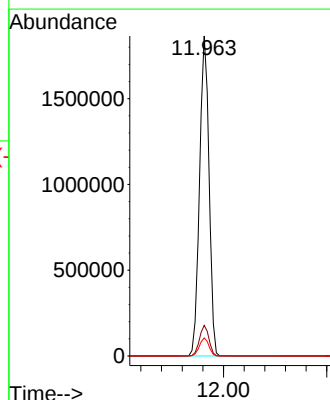
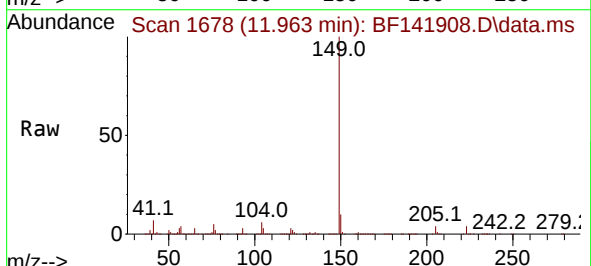
Tgt Ion:149 Resp: 2368601

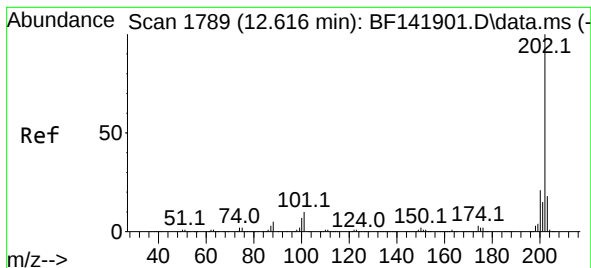
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 48.143 ng

RT: 12.616 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF141908.D

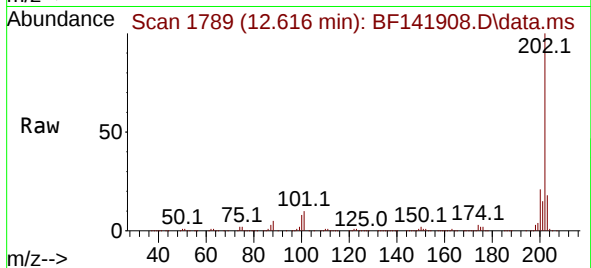
Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752



Tgt Ion:202 Resp: 217952

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.7

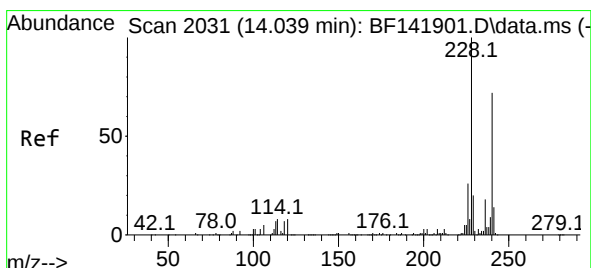
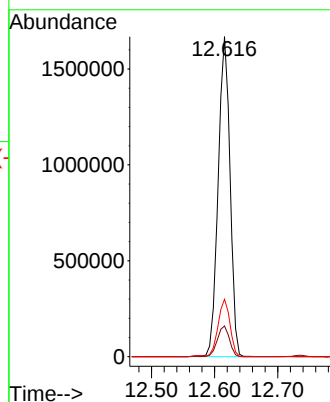
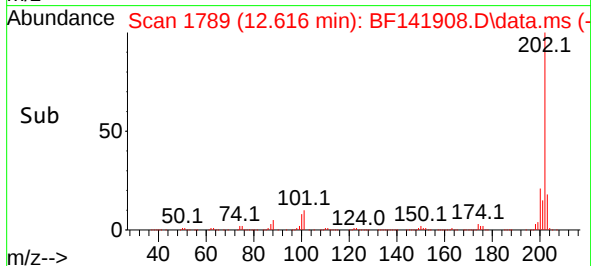
203 18.0 0.0 37.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

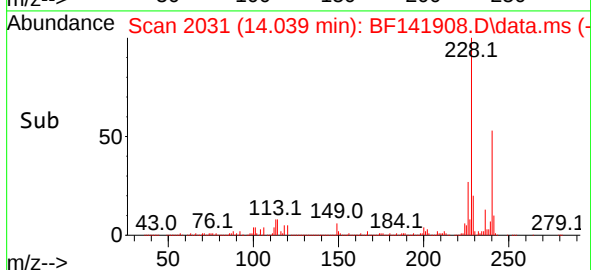
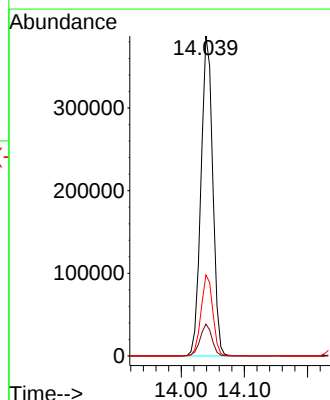
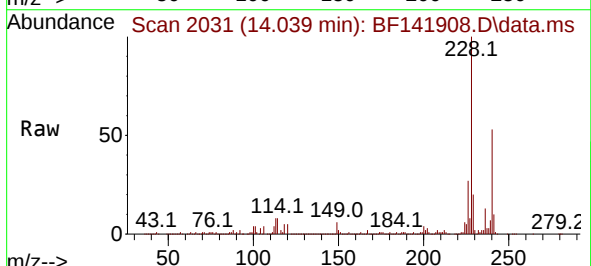
Tgt Ion:240 Resp: 501951

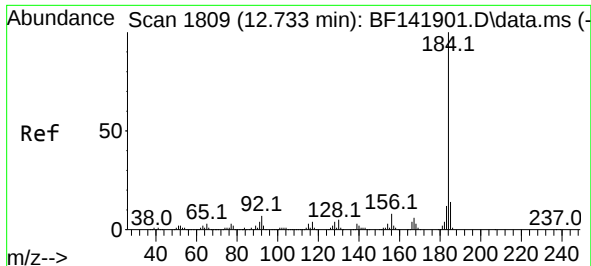
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

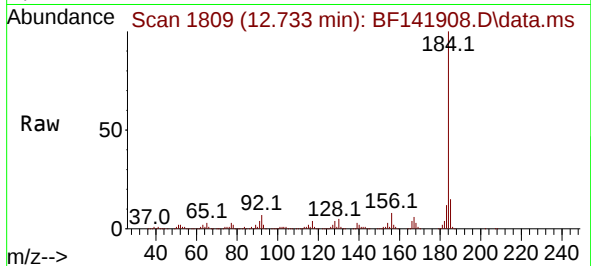
236 25.3 20.5 30.7





#77
Benzidine
Concen: 169.453 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

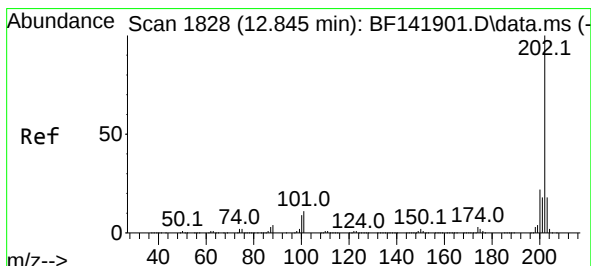
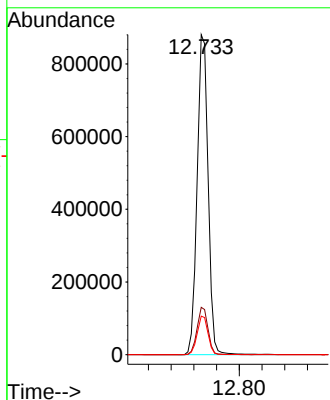
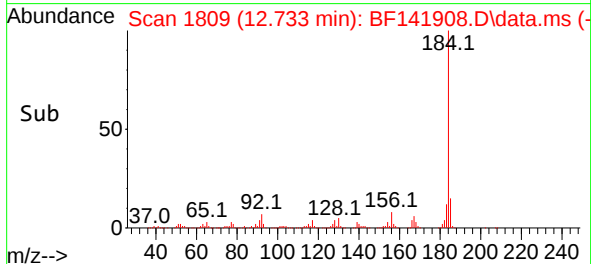
Instrument :
BNA_F
ClientSampleId :
SP6752



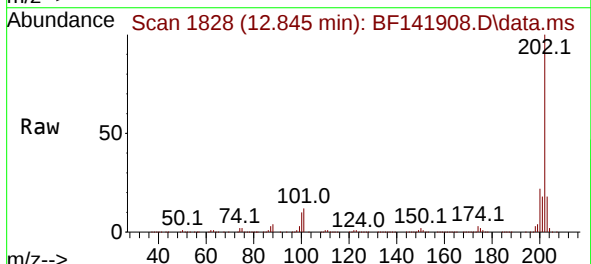
Tgt Ion:184 Resp: 1186709
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.1 9.7 14.5

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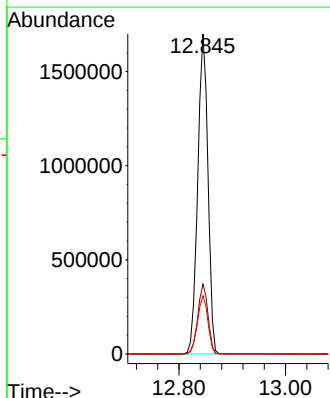
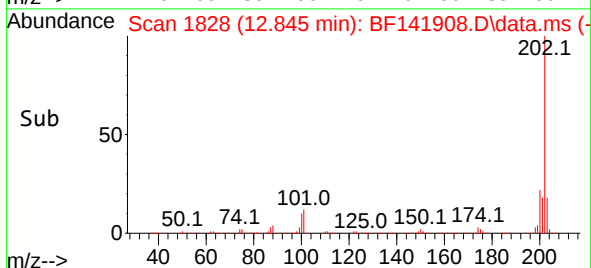
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

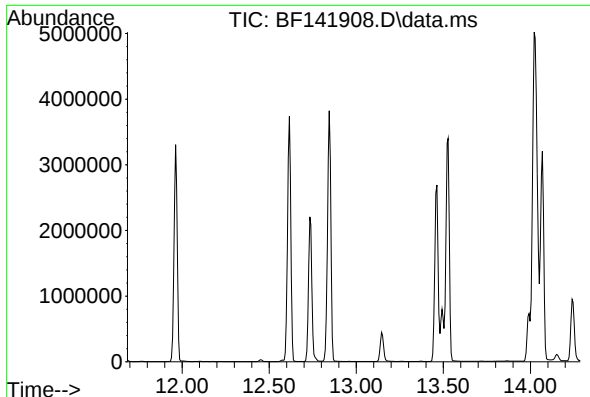


#78
Pyrene
Concen: 52.111 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



Tgt Ion:202 Resp: 2262627
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 18.2 14.4 21.6





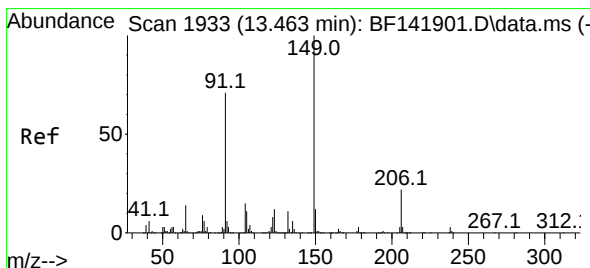
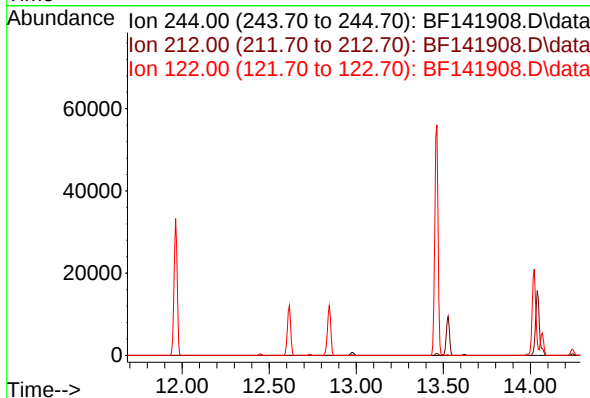
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.99 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6752

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.5
 122 9.6

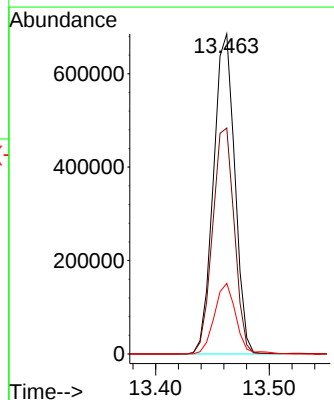
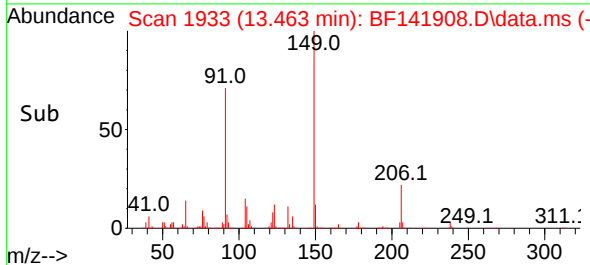
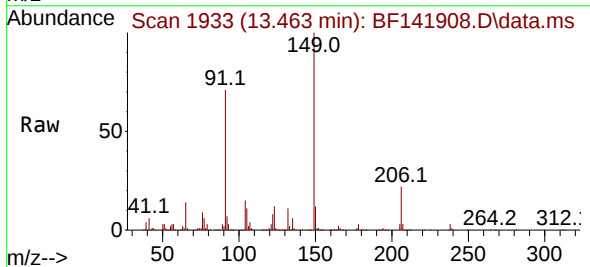
Manual Integrations
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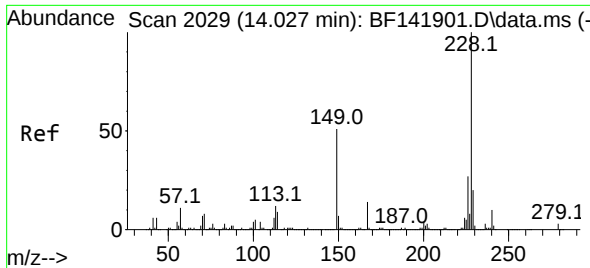
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#80
 Butylbenzylphthalate
 Concen: 52.706 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF141908.D
 Acq: 10 Mar 2025 17:39

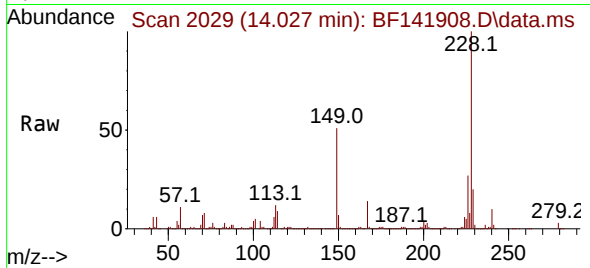
Tgt Ion:149 Resp: 895717
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.5 84.7
 206 22.1 17.3 25.9





#81
Benzo(a)anthracene
Concen: 53.415 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

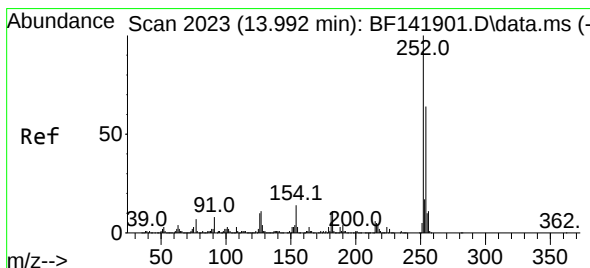
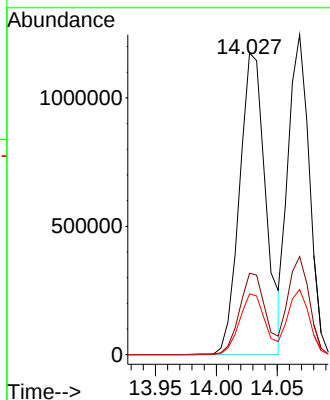
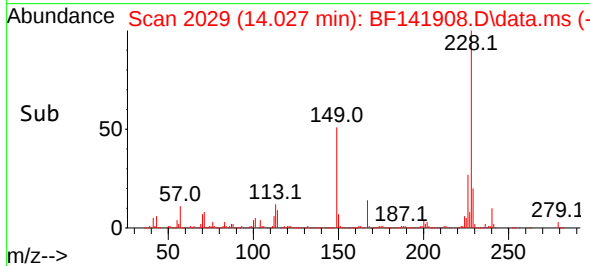
Instrument :
BNA_F
ClientSampleId :
SP6752



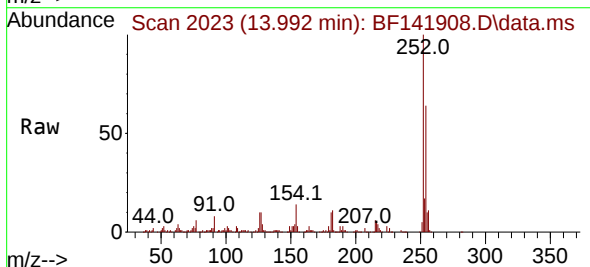
Tgt Ion:228 Resp: 175939
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.2 16.0 24.0

Manual Integrations
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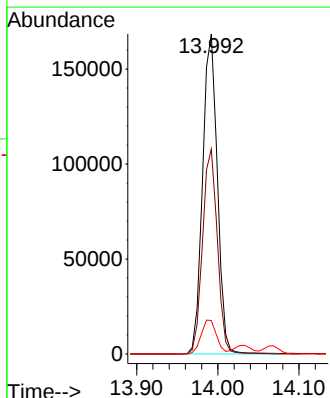
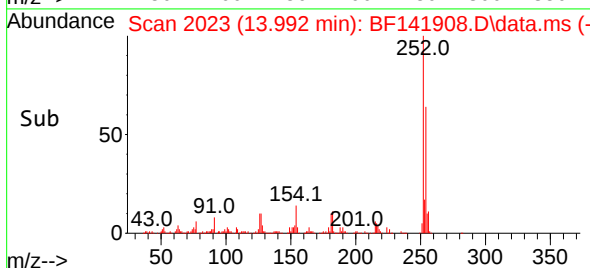
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

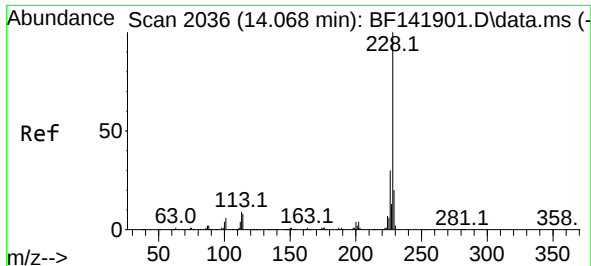


#82
3,3'-Dichlorobenzidine
Concen: 22.347 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39



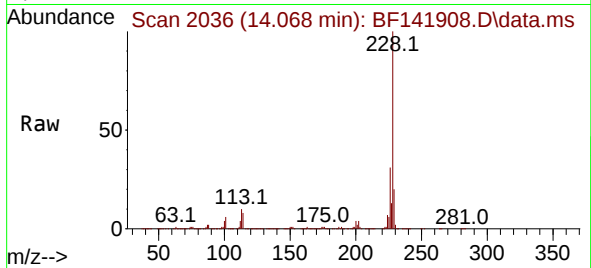
Tgt Ion:252 Resp: 212718
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.6
126 10.5 8.4 12.6





#83
Chrysene
Concen: 50.740 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

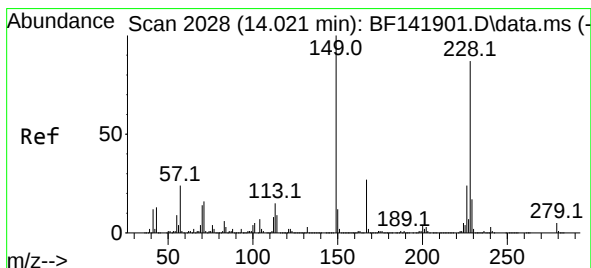
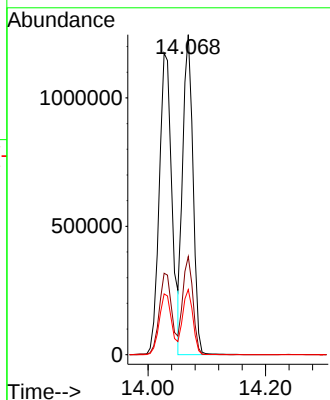
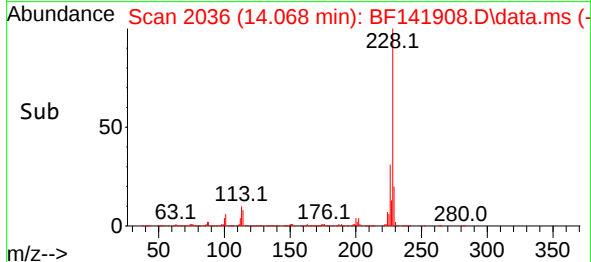
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:228 Resp: 151495
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.3 15.7 23.5

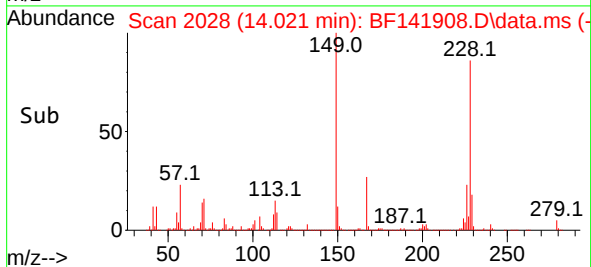
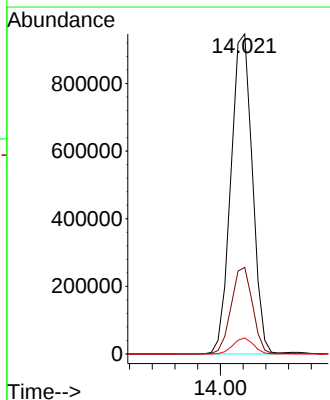
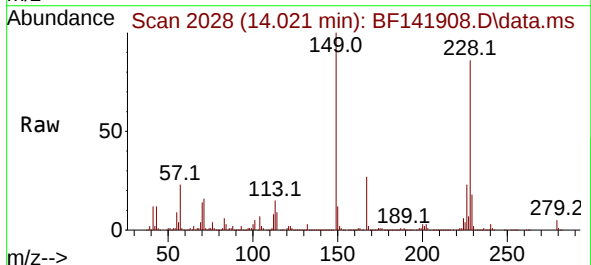
Manual Integrations
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Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.088 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

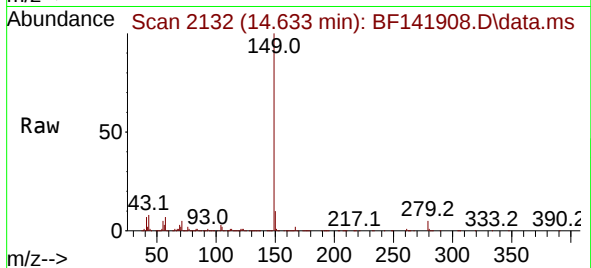
Tgt Ion:149 Resp: 1243937
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 55.667 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

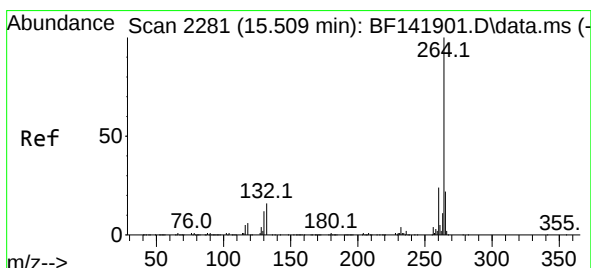
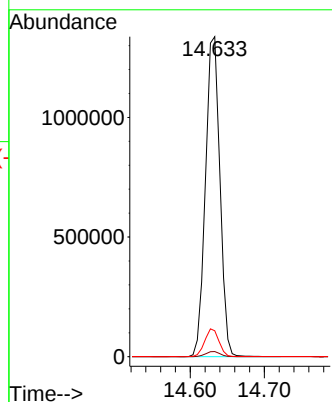
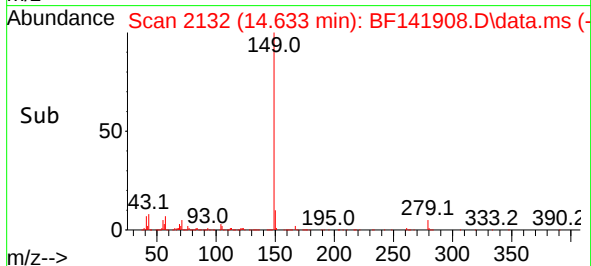
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:149 Resp: 181490
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.9 10.3

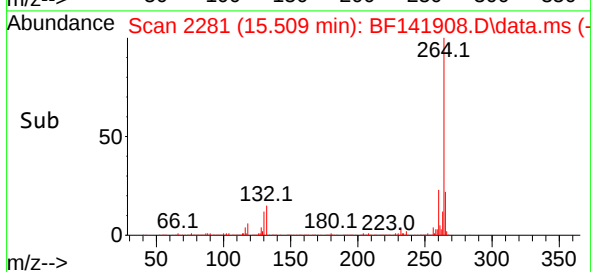
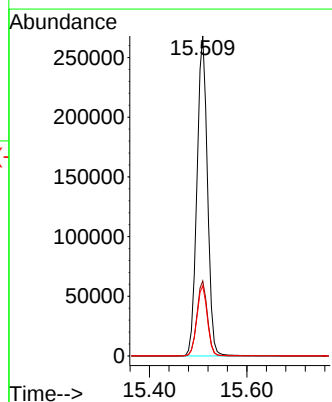
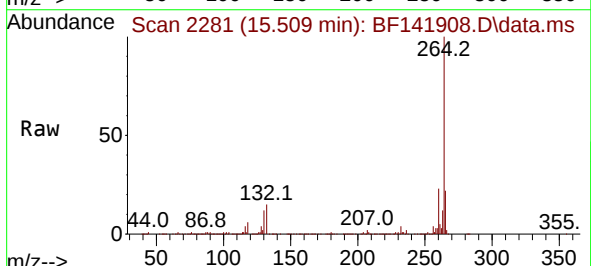
Manual Integrations
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Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

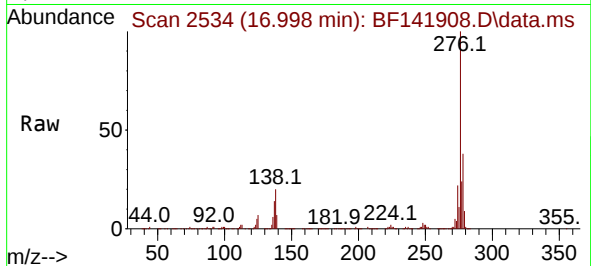
Tgt Ion:264 Resp: 402796
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.483 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

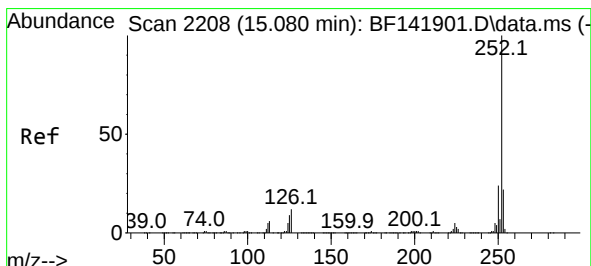
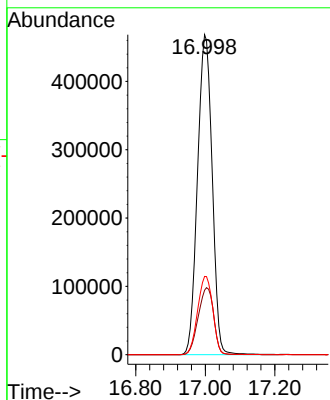
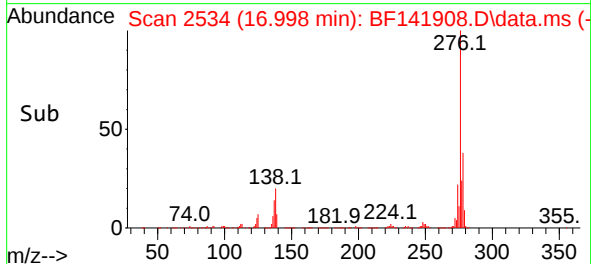
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:276 Resp: 136751
Ion Ratio Lower Upper
276 100
138 22.1 18.4 27.6
277 25.3 20.3 30.5

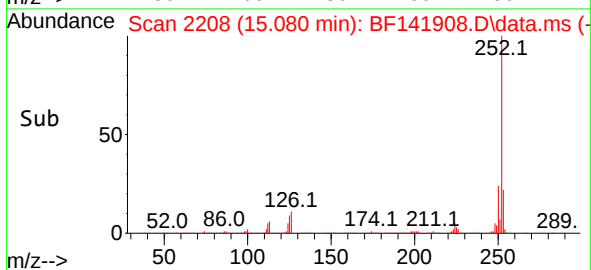
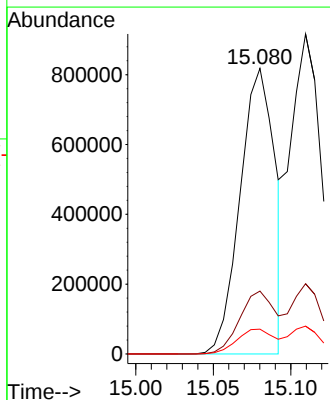
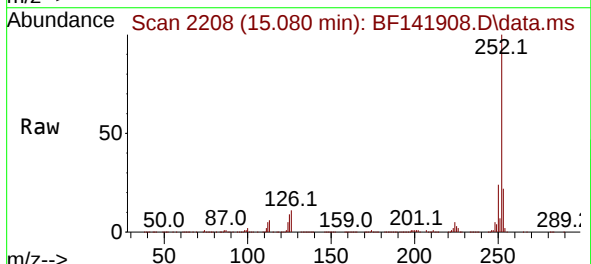
Manual Integrations
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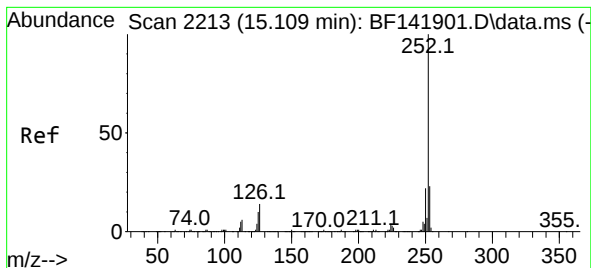
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#88
Benzo(b)fluoranthene
Concen: 46.357 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:252 Resp: 1279727
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 53.979 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

SP6752

Tgt Ion:252 Resp: 127522

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

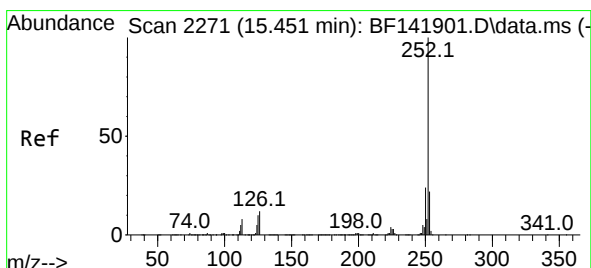
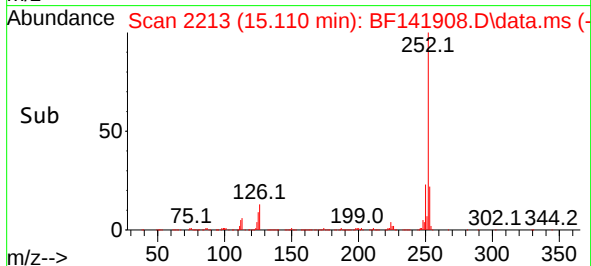
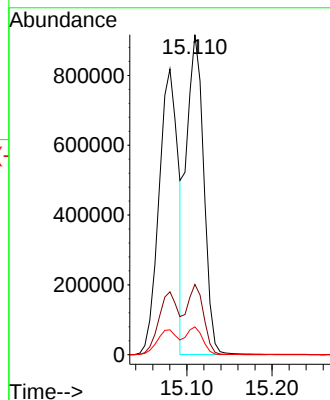
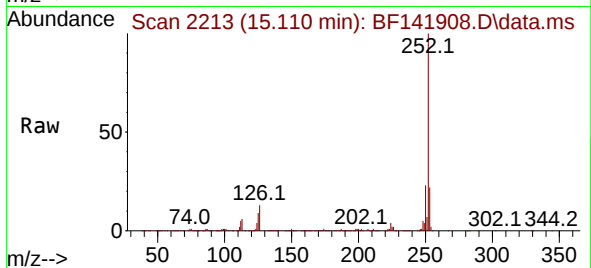
125 8.7 7.2 10.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#90

Benzo(a)pyrene

Concen: 54.723 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141908.D

Acq: 10 Mar 2025 17:39

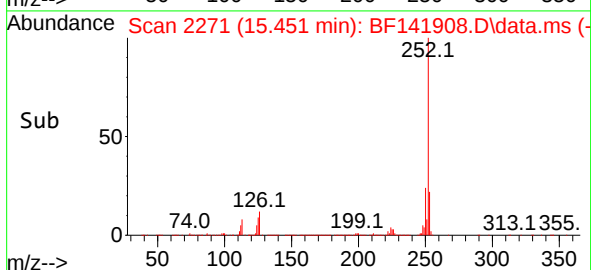
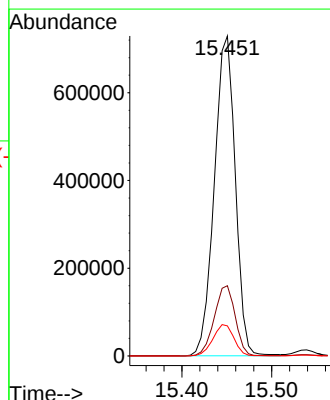
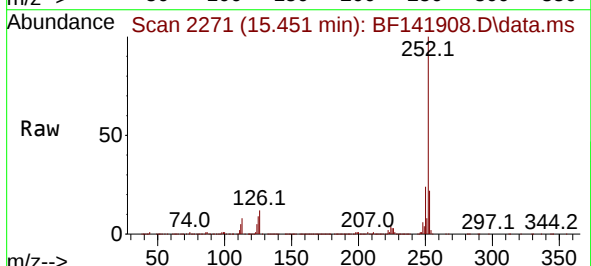
Tgt Ion:252 Resp: 1182056

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

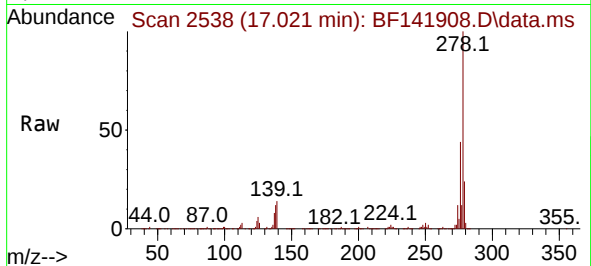
125 9.4 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 52.411 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

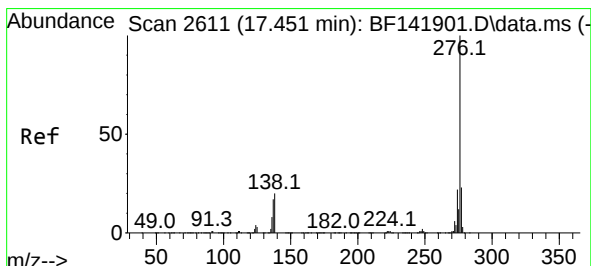
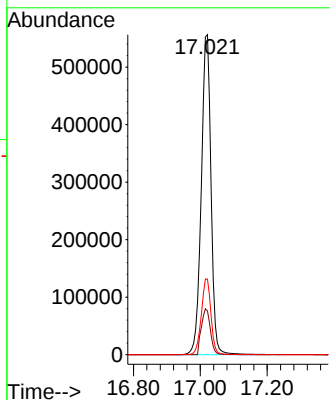
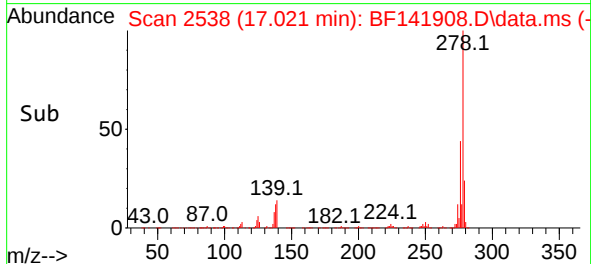
Instrument :
BNA_F
ClientSampleId :
SP6752



Tgt Ion:278 Resp: 1126749
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.6 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#92
Benzo(g,h,i)perylene
Concen: 48.946 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF141908.D
Acq: 10 Mar 2025 17:39

Tgt Ion:276 Resp: 1039840
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.8 15.8 23.8

