

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142109.D
 Acq On : 26 Mar 2025 21:07
 Operator : RC/JU
 Sample : Q1636-17MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

Quant Time: Mar 27 01:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	138130	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	546099	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	319789	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	575005	20.000	ng	0.00
76) Chrysene-d12	14.039	240	375129	20.000	ng	0.00
86) Perylene-d12	15.510	264	351701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	925305	111.800	ng	0.00
7) Phenol-d6	6.498	99	1165476	110.601	ng	0.00
23) Nitrobenzene-d5	7.434	82	740334	76.292	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	528735	130.328	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1560933	74.233	ng	-0.01
79) Terphenyl-d14	12.980	244	1890615	74.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	164106	47.322	ng	97
3) Pyridine	3.469	79	425666	50.041	ng	96
4) n-Nitrosodimethylamine	3.422	42	190509	46.982	ng	94
6) Aniline	6.534	93	310869	29.905	ng	98
8) 2-Chlorophenol	6.657	128	480750	52.374	ng	97
9) Benzaldehyde	6.422	77	310461	52.679	ng	99
10) Phenol	6.516	94	567897	51.227	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	405328	48.692	ng	98
12) 1,3-Dichlorobenzene	6.810	146	505867	51.047	ng	99
13) 1,4-Dichlorobenzene	6.887	146	513791	51.242	ng	99
14) 1,2-Dichlorobenzene	7.040	146	492026	52.098	ng	98
15) Benzyl Alcohol	7.010	79	415013	48.715	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	446125	44.392	ng	96
17) 2-Methylphenol	7.122	107	377398	51.710	ng	99
18) Hexachloroethane	7.381	117	189753	50.467	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	308958	45.629	ng	99
20) 3+4-Methylphenols	7.275	107	468483	50.114	ng	# 85
22) Acetophenone	7.281	105	630584	48.218	ng	97
24) Nitrobenzene	7.451	77	482801	50.047	ng	99
25) Isophorone	7.692	82	873447	50.920	ng	99
26) 2-Nitrophenol	7.769	139	257551	54.396	ng	98
27) 2,4-Dimethylphenol	7.804	122	423945	65.027	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	523707	48.678	ng	99
29) 2,4-Dichlorophenol	8.010	162	414867	51.267	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	462960	51.914	ng	98
31) Naphthalene	8.175	128	1360335	48.493	ng	100
32) Benzoic acid	7.904	122	160353	27.981	ng	95
33) 4-Chloroaniline	8.222	127	98418	9.938	ng	96
34) Hexachlorobutadiene	8.292	225	303111	52.119	ng	99
35) Caprolactam	8.592	113	124983m	50.659	ng	
36) 4-Chloro-3-methylphenol	8.704	107	461943	51.174	ng	99
37) 2-Methylnaphthalene	8.869	142	850424	45.355	ng	100
38) 1-Methylnaphthalene	8.969	142	879510	48.608	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	490148	50.342	ng	99
41) Hexachlorocyclopentadiene	9.022	237	687406	180.403	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	331277	52.063	ng	100

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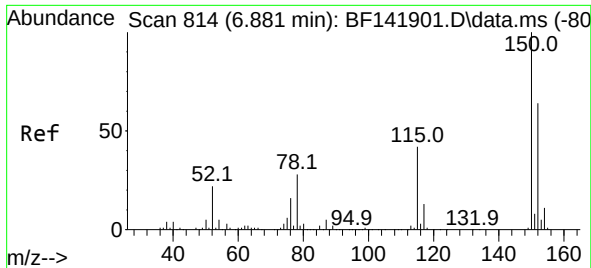
Quant Time: Mar 27 01:05:42 2025
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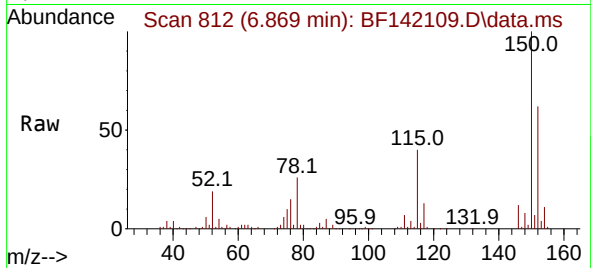
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	344242	53.416	ng	99
46) 1,1'-Biphenyl	9.334	154	1201890	49.464	ng	99
47) 2-Chloronaphthalene	9.357	162	915295	50.540	ng	98
48) 2-Nitroaniline	9.451	65	269060	51.311	ng	95
49) Acenaphthylene	9.775	152	1462920	54.434	ng	100
50) Dimethylphthalate	9.634	163	1127207	50.335	ng	100
51) 2,6-Dinitrotoluene	9.692	165	253061	54.274	ng	93
52) Acenaphthene	9.945	154	1010875	53.523	ng	99
53) 3-Nitroaniline	9.863	138	95321	20.154	ng	93
54) 2,4-Dinitrophenol	9.969	184	203577	77.104	ng	# 47
55) Dibenzofuran	10.116	168	1314002	48.690	ng	99
56) 4-Nitrophenol	10.028	139	404080	113.291	ng	95
57) 2,4-Dinitrotoluene	10.098	165	357536	58.710	ng	98
58) Fluorene	10.457	166	1062092	51.034	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	310427	52.935	ng	97
60) Diethylphthalate	10.333	149	1090322	48.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	549765	50.669	ng	97
62) 4-Nitroaniline	10.481	138	249226	54.126	ng	98
63) Azobenzene	10.610	77	1038476	50.022	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	178226	51.993	ng	98
66) n-Nitrosodiphenylamine	10.569	169	924024	49.659	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	364745	50.509	ng	97
68) Hexachlorobenzene	11.010	284	424347	53.578	ng	93
69) Atrazine	11.098	200	342783	60.092	ng	99
70) Pentachlorophenol	11.204	266	450681	92.355	ng	99
71) Phenanthrene	11.422	178	1576977	50.775	ng	100
72) Anthracene	11.475	178	1619966	51.990	ng	100
73) Carbazole	11.628	167	1384901	51.537	ng	100
74) Di-n-butylphthalate	11.957	149	1693130	47.485	ng	100
75) Fluoranthene	12.610	202	1639306	49.759	ng	99
77) Benzidine	12.727	184	495819	94.735	ng	99
78) Pyrene	12.839	202	1618593	49.881	ng	100
80) Butylbenzylphthalate	13.457	149	597372	47.035	ng	97
81) Benzo(a)anthracene	14.027	228	1280354	52.013	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105269	14.798	ng	100
83) Chrysene	14.063	228	1152122	51.633	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	756851	43.220	ng	100
85) Di-n-octyl phthalate	14.627	149	1065129	43.715	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1310224	57.590	ng	97
88) Benzo(b)fluoranthene	15.080	252	1117596	46.365	ng	99
89) Benzo(k)fluoranthene	15.110	252	1071816	51.960	ng	99
90) Benzo(a)pyrene	15.451	252	1031576	54.695	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1063563	56.659	ng	98
92) Benzo(g,h,i)perylene	17.457	276	1032439	55.657	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

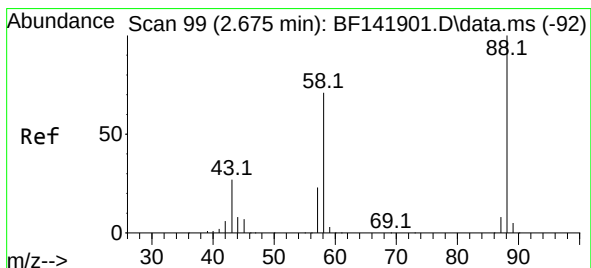
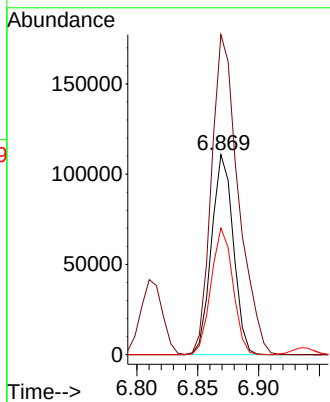
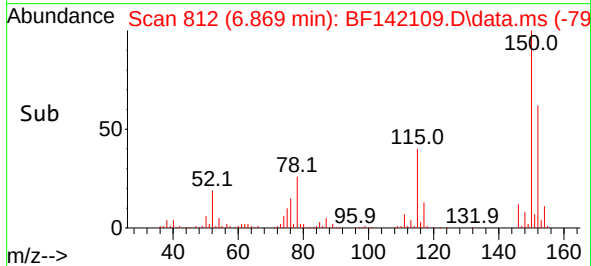
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:152 Resp: 138130
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.2
115 63.3 51.9 77.9

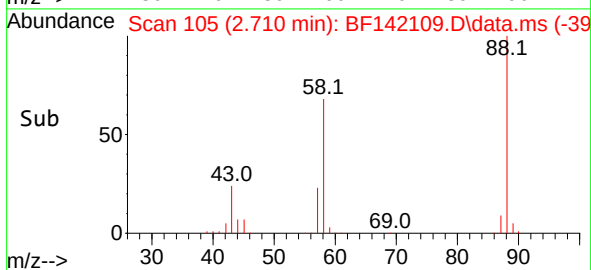
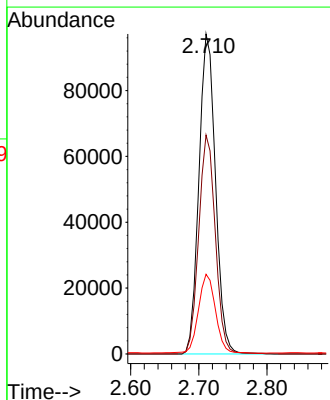
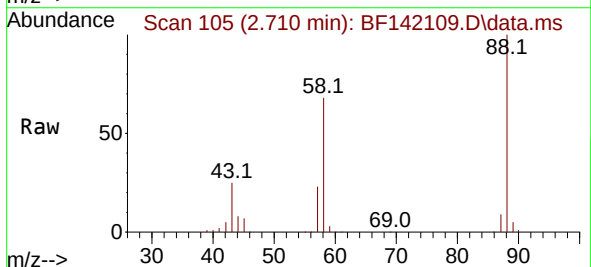
Manual Integrations
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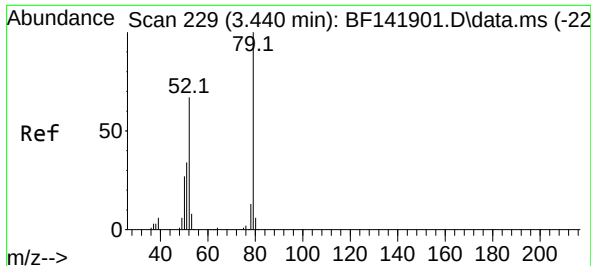
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#2
1,4-Dioxane
Concen: 47.322 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.035 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion: 88 Resp: 164106
Ion Ratio Lower Upper
88 100
58 68.7 57.4 86.2
43 25.4 21.5 32.3





#3

Pyridine

Concen: 50.041 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion: 79 Resp: 42566

Ion Ratio Lower Upper

79 100

52 63.3 53.3 79.9

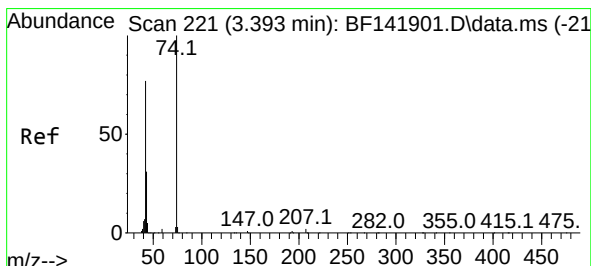
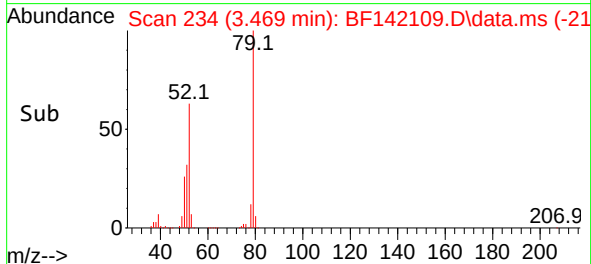
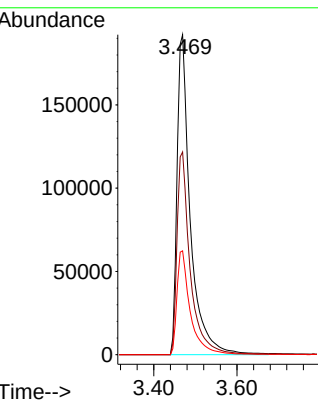
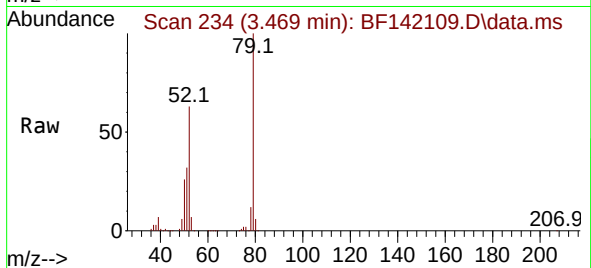
51 32.5 27.6 41.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/27/2025



#4

n-Nitrosodimethylamine

Concen: 46.982 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.030 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

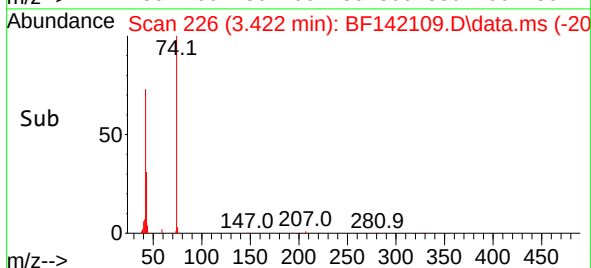
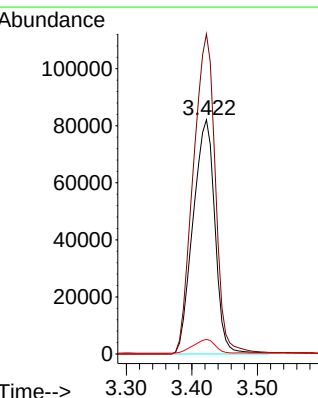
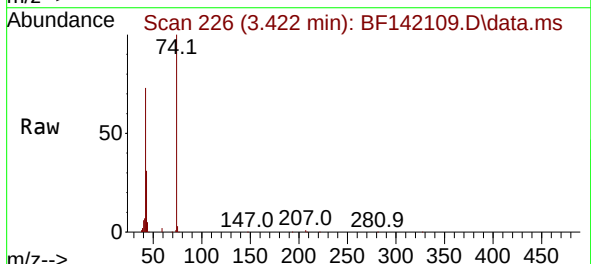
Tgt Ion: 42 Resp: 190509

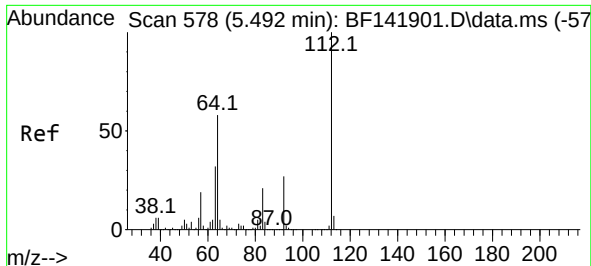
Ion Ratio Lower Upper

42 100

74 136.6 103.4 155.0

44 6.2 5.0 7.4





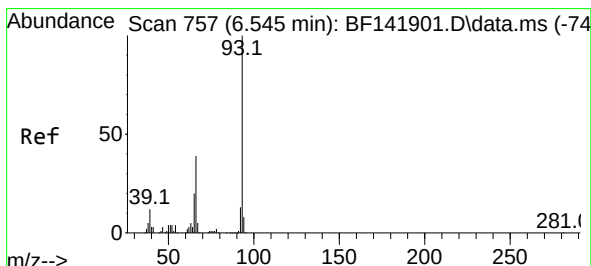
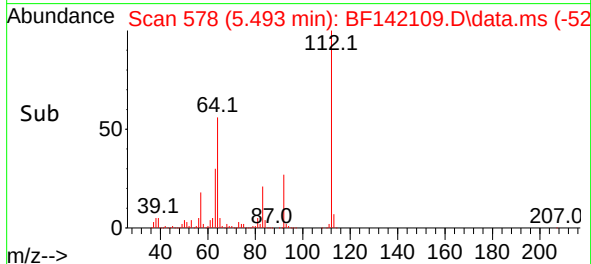
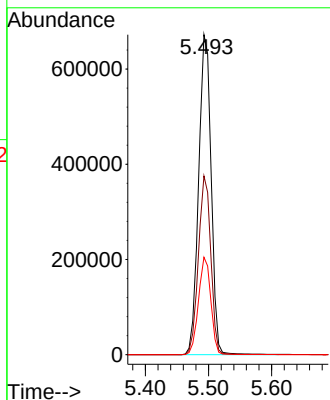
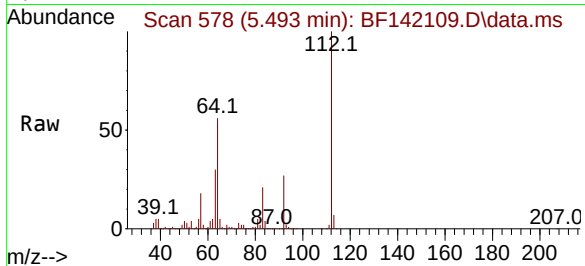
#5
2-Fluorophenol
Concen: 111.800 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:112 Resp: 92530
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.5 25.4 38.2

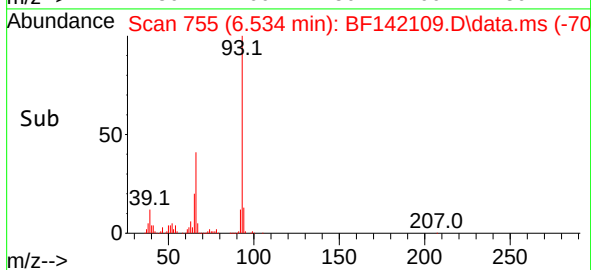
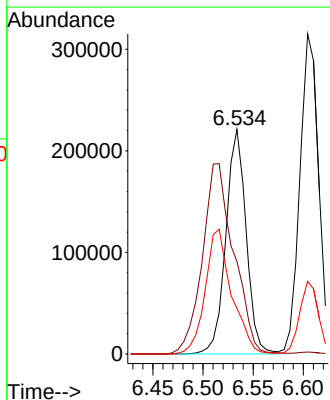
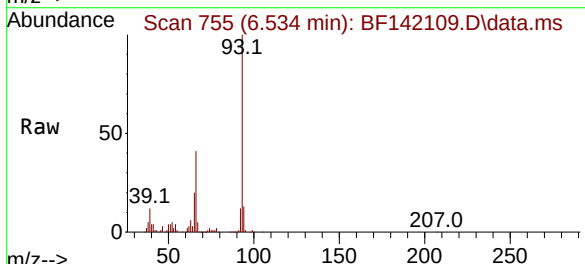
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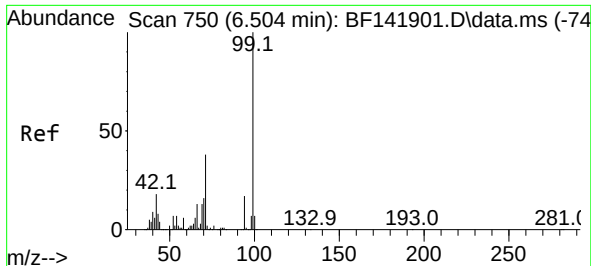
Reviewed By :Anahy Claudio 03/27/2025
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#6
Aniline
Concen: 29.905 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

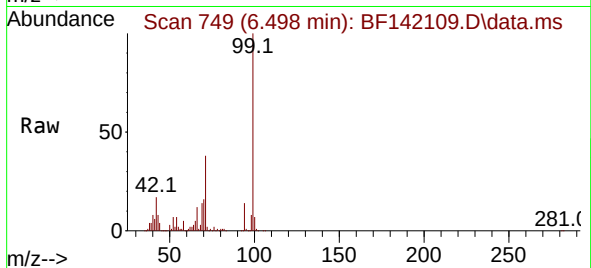
Tgt Ion: 93 Resp: 310869
Ion Ratio Lower Upper
93 100
66 41.3 31.9 47.9
65 20.3 15.8 23.6





#7
Phenol-d6
Concen: 110.601 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

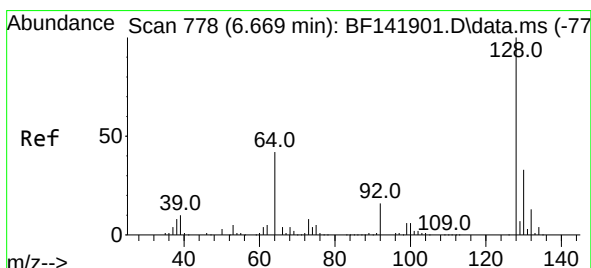
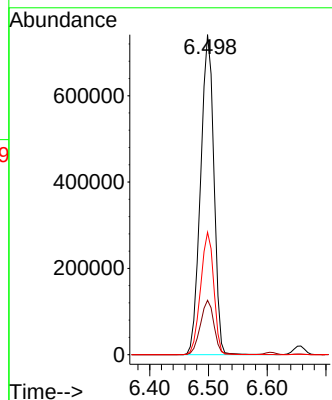
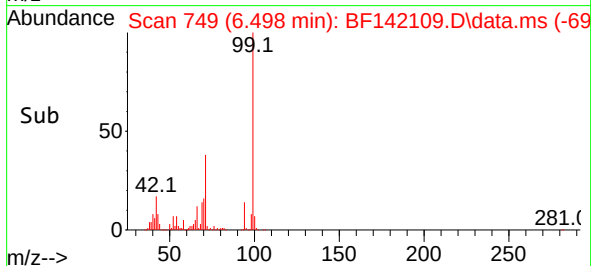
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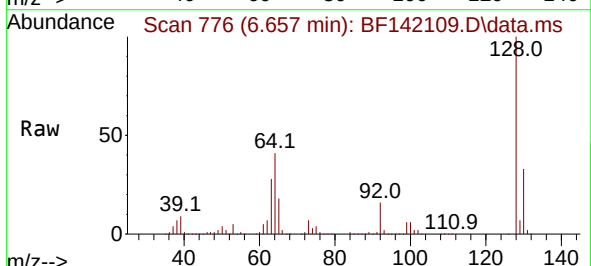
Tgt Ion: 99 Resp: 1165470
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.2 30.8 46.2

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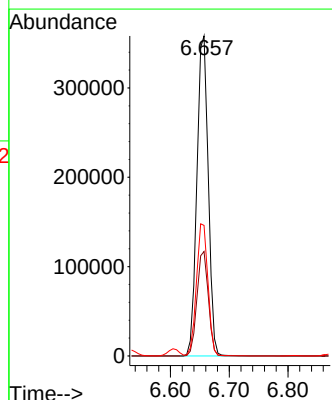
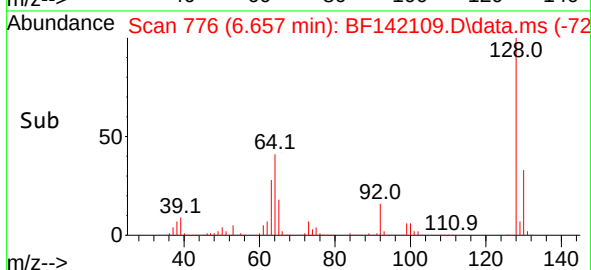
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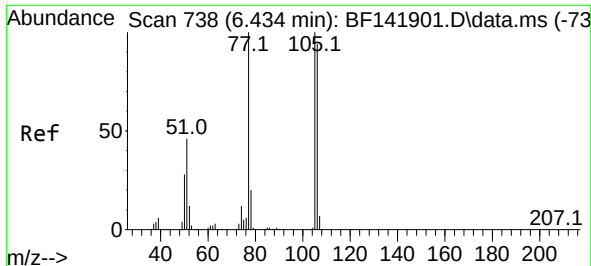


#8
2-Chlorophenol
Concen: 52.374 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



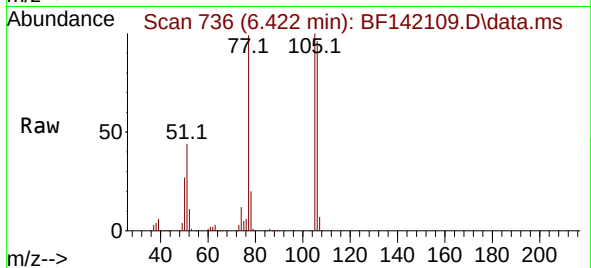
Tgt Ion:128 Resp: 480750
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 40.8 24.4 64.4





#9
Benzaldehyde
Concen: 52.679 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

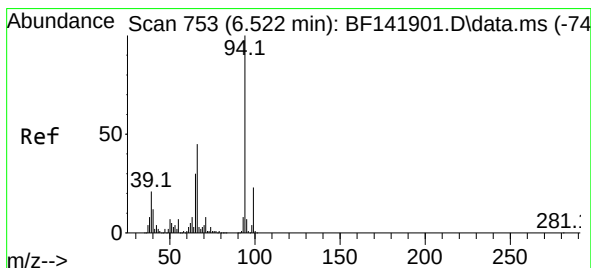
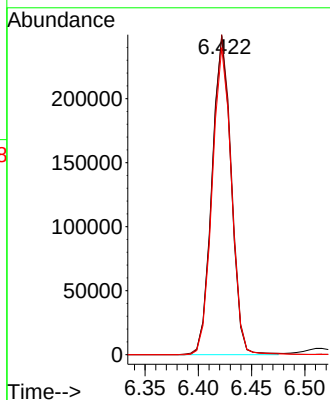
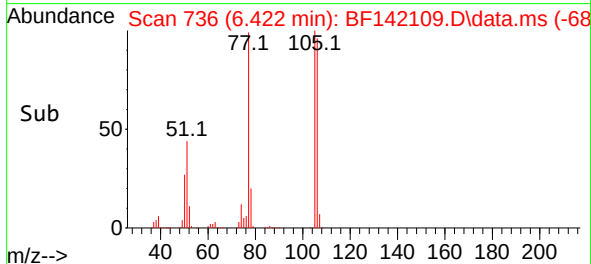
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



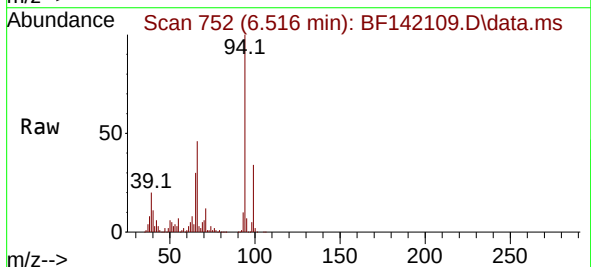
Tgt Ion: 77 Resp: 31046
Ion Ratio Lower Upper
77 100
105 100.5 80.0 120.0
106 96.4 74.5 114.5

Manual Integrations
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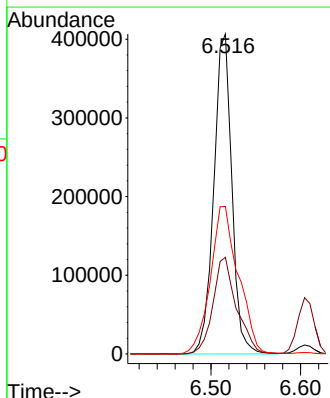
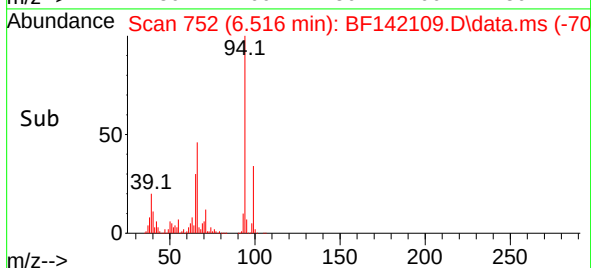
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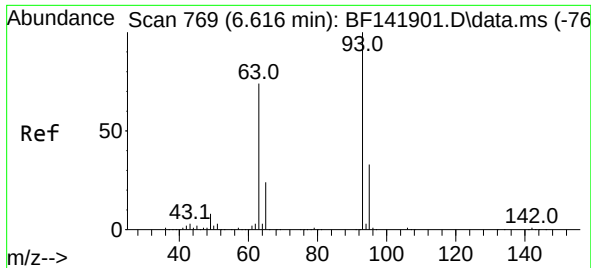


#10
Phenol
Concen: 51.227 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion: 94 Resp: 567897
Ion Ratio Lower Upper
94 100
65 30.2 10.5 50.5
66 46.1 25.8 65.8





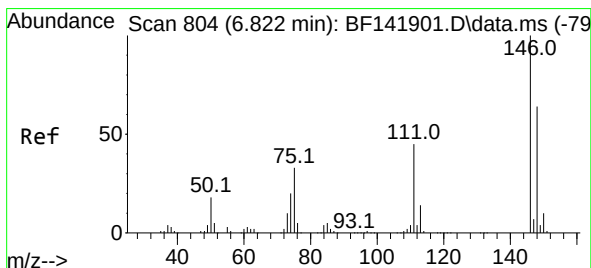
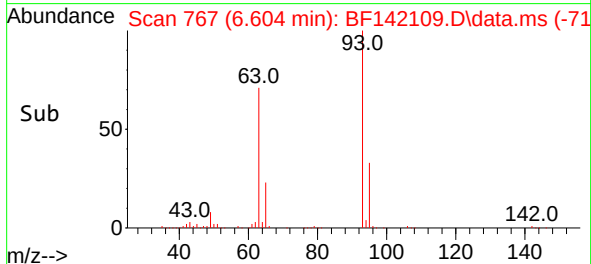
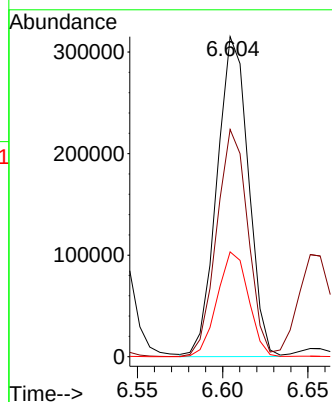
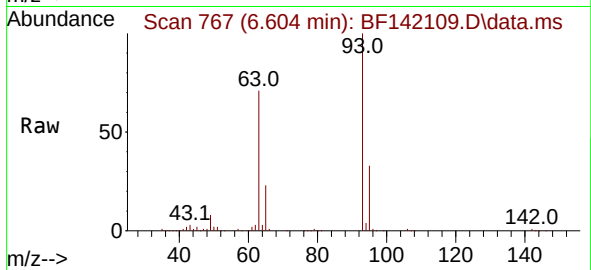
#11
bis(2-Chloroethyl)ether
Concen: 48.692 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion: 93 Resp: 405328
Ion Ratio Lower Upper
93 100
63 71.0 53.0 93.0
95 32.7 12.9 52.9

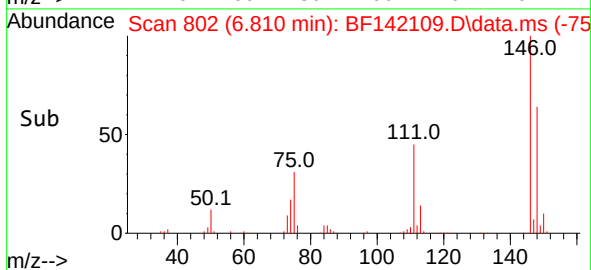
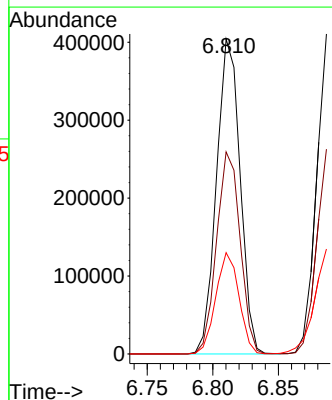
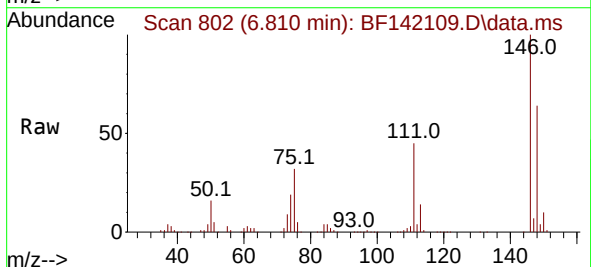
Manual Integrations
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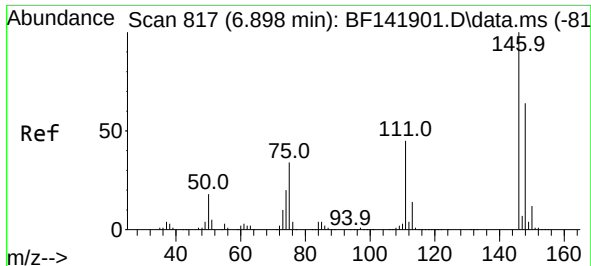
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#12
1,3-Dichlorobenzene
Concen: 51.047 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

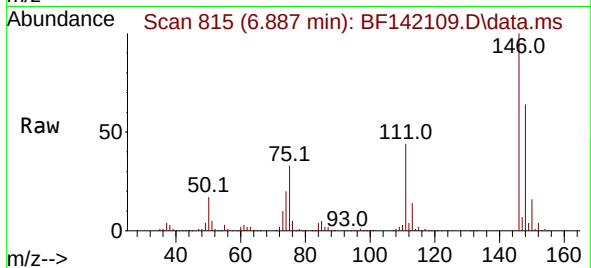
Tgt Ion:146 Resp: 505867
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 32.2 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 51.242 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

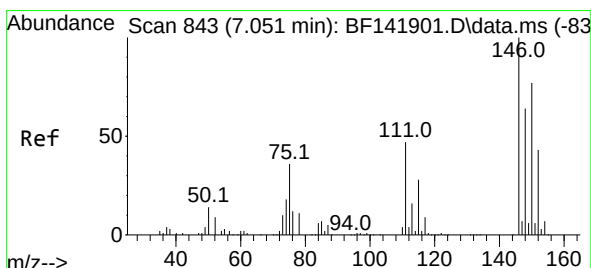
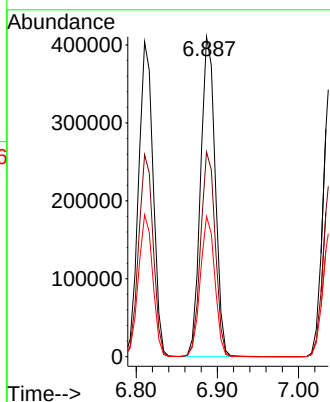
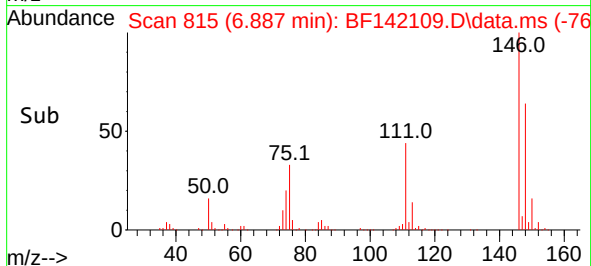
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



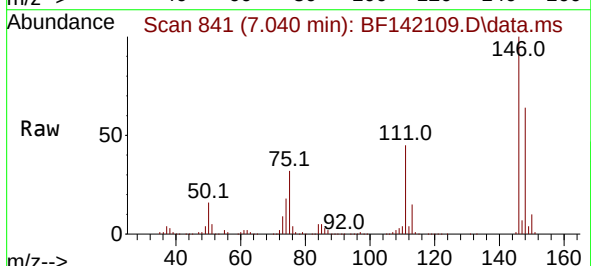
Tgt Ion:146 Resp: 51379
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 43.8 35.7 53.5

Manual Integrations
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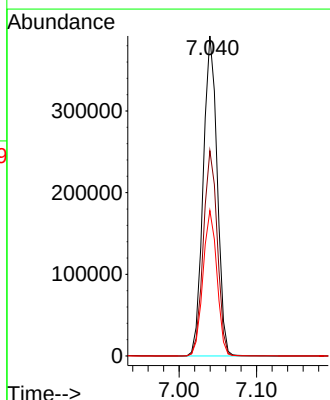
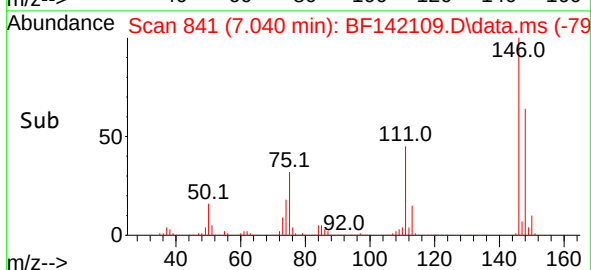
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

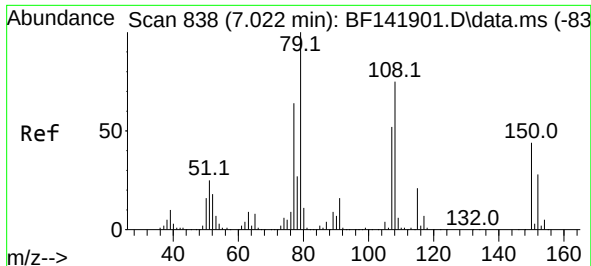


#14
1,2-Dichlorobenzene
Concen: 52.098 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion:146 Resp: 492026
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 45.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 48.715 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

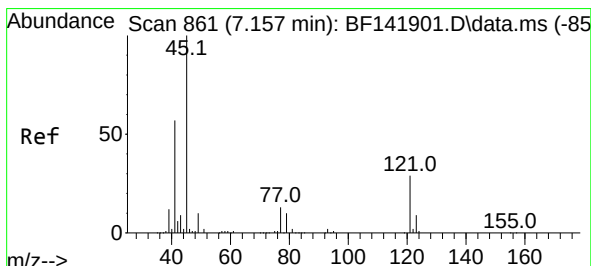
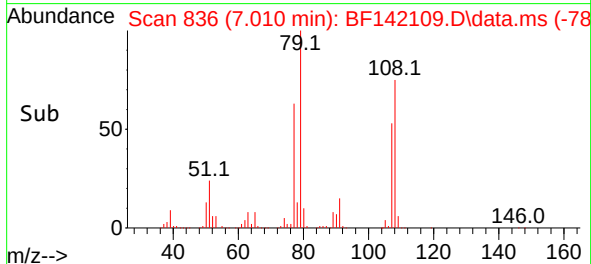
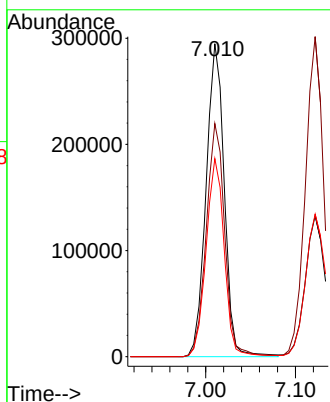
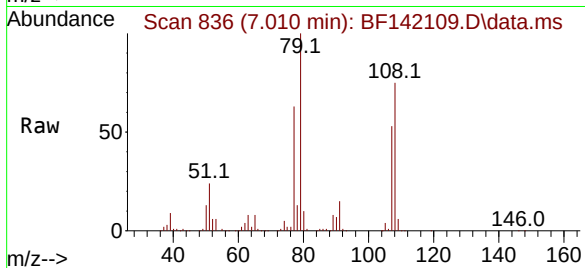
WC-5MSD

Tgt Ion: 79 Resp: 41501
 Ion Ratio Lower Upper
 79 100
 108 74.5 59.7 89.5
 77 63.3 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.392 ng

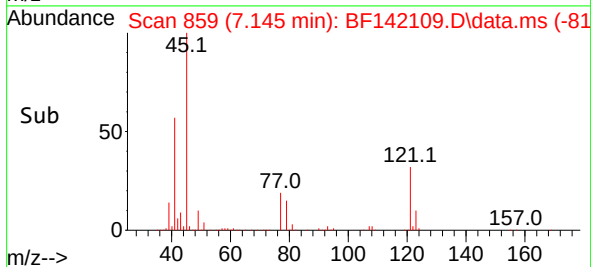
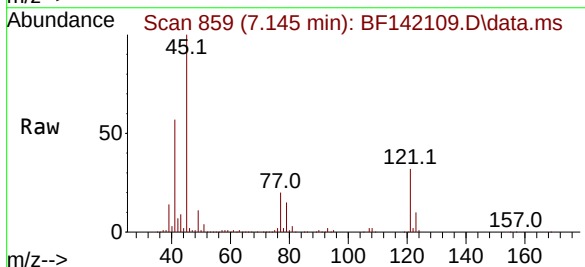
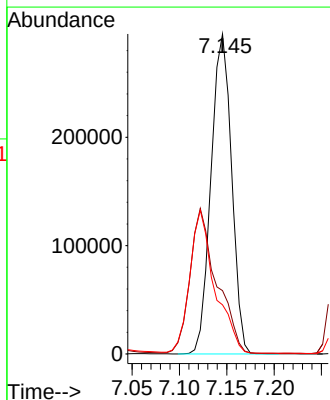
RT: 7.145 min Scan# 859

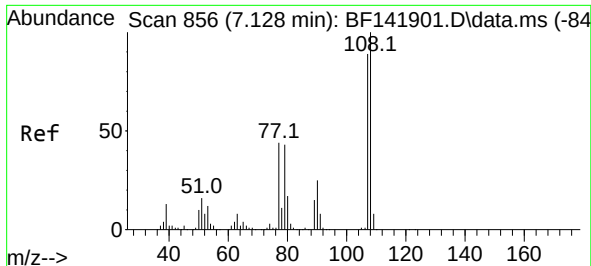
Delta R.T. -0.012 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

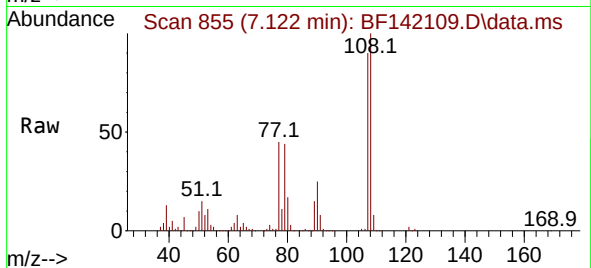
Tgt Ion: 45 Resp: 446125
 Ion Ratio Lower Upper
 45 100
 77 19.8 0.0 37.8
 79 15.3 0.0 34.2





#17
2-Methylphenol
Concen: 51.710 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

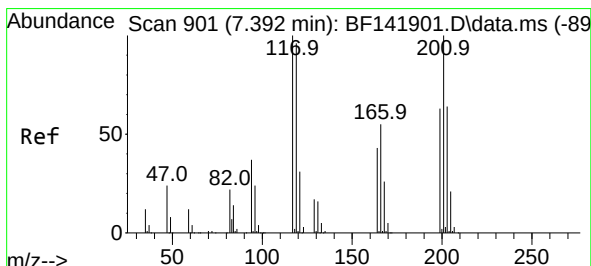
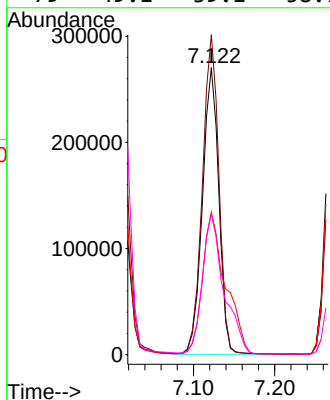
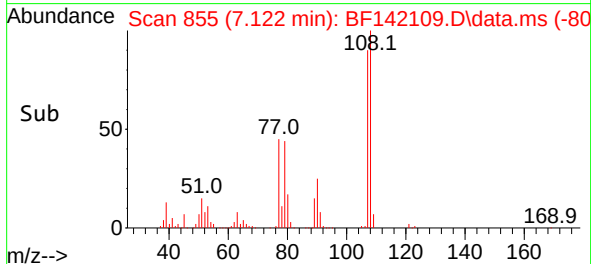
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:	107	Resp:	37739
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.2	135.2
77	49.7	39.6	59.4
79	49.1	39.1	58.7

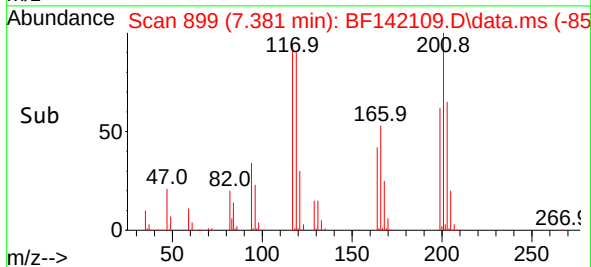
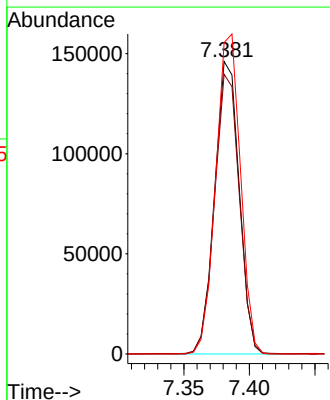
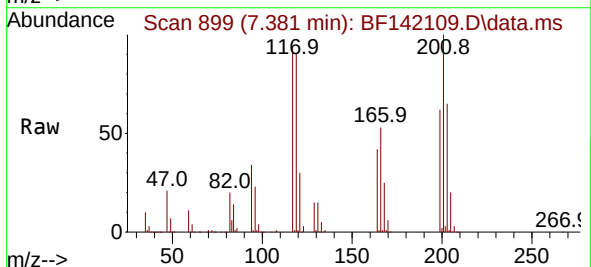
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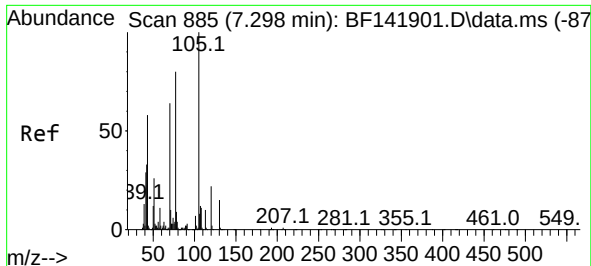
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#18
Hexachloroethane
Concen: 50.467 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

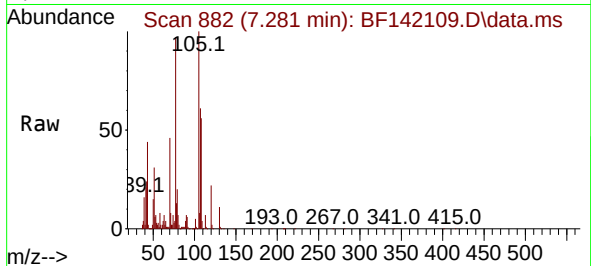
Tgt Ion:	117	Resp:	189753
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
201	106.5	79.9	119.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.629 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

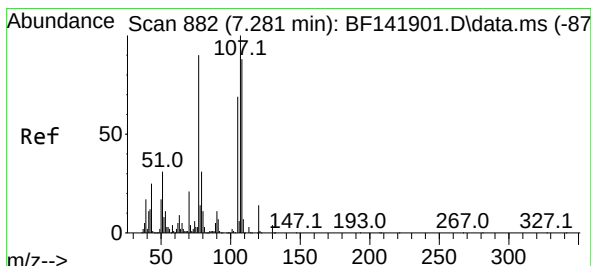
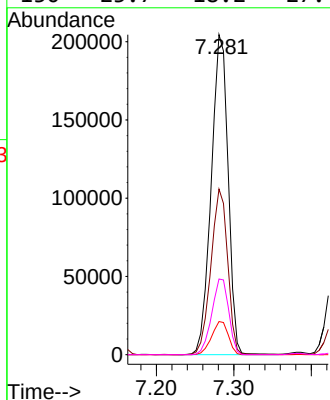
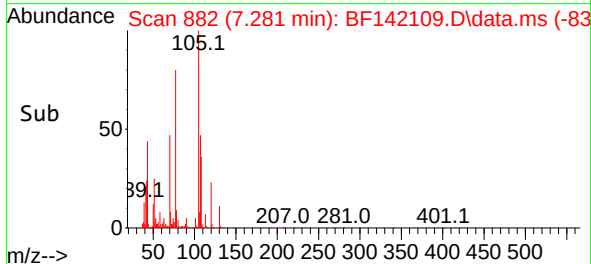
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 70 Resp: 308958
Ion Ratio Lower Upper
70 100
42 51.7 41.4 62.0
101 10.4 8.2 12.2
130 23.7 18.2 27.4

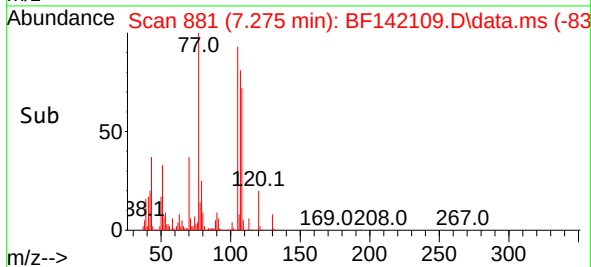
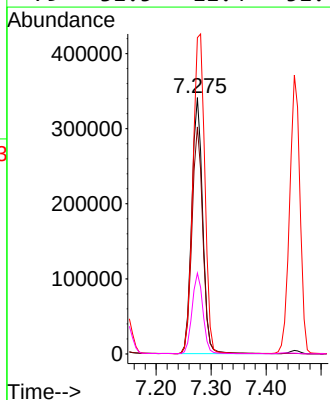
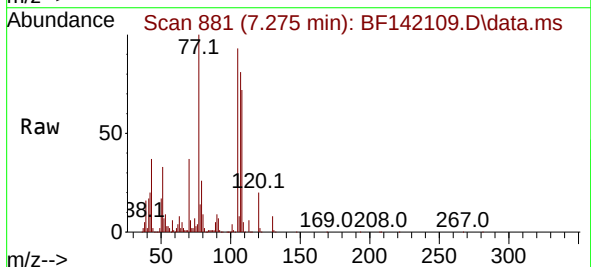
Manual Integrations
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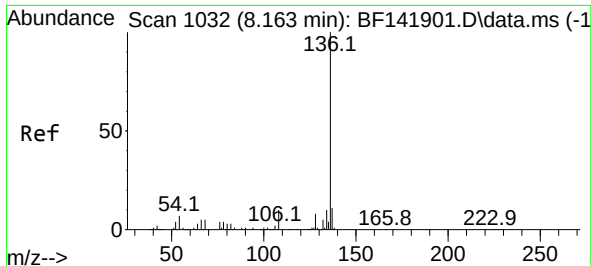
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#20
3+4-Methylphenols
Concen: 50.114 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:107 Resp: 468483
Ion Ratio Lower Upper
107 100
108 88.6 68.4 108.4
77 123.4 69.7 109.7#
79 31.5 11.4 51.4





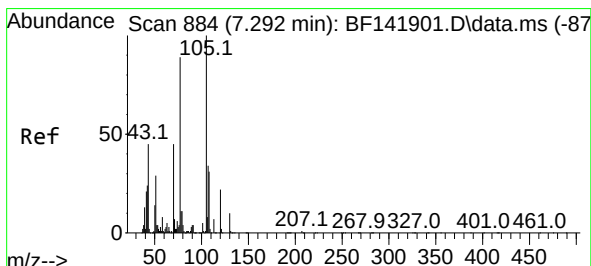
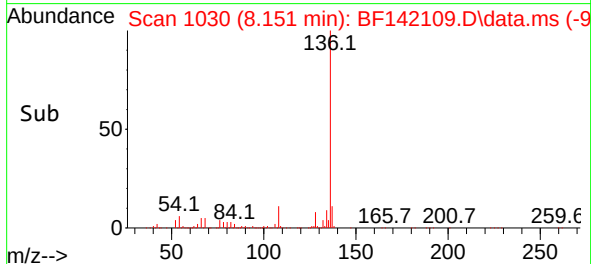
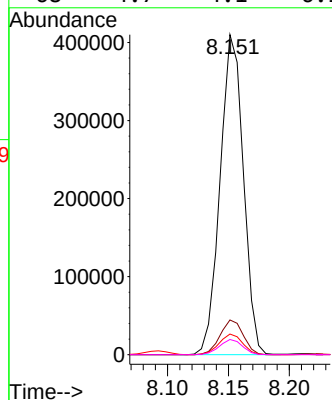
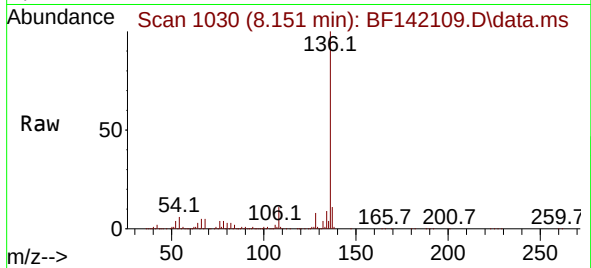
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:136	Resp: 546099
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.5	5.8 8.8
68 4.7	4.1 6.1

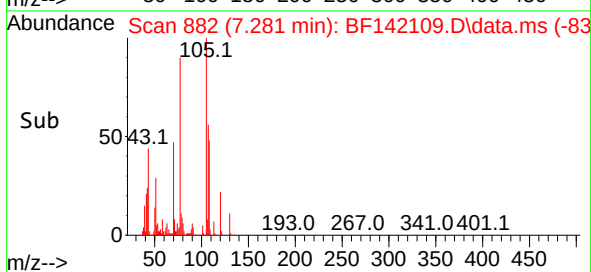
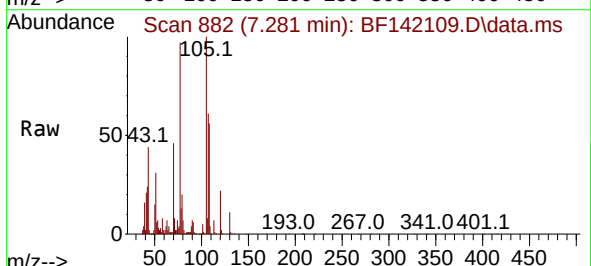
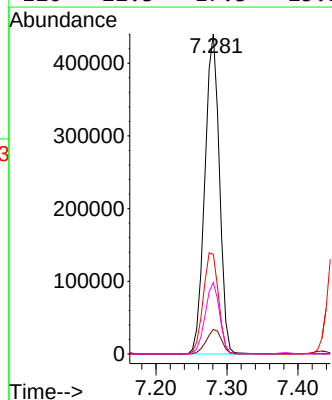
Manual Integrations
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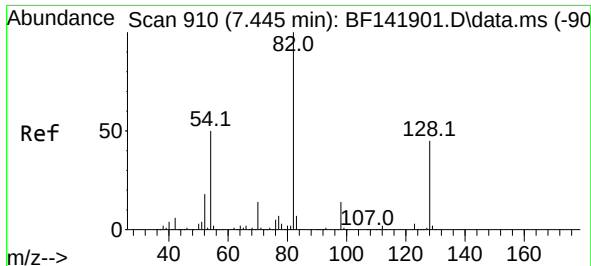
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#22
Acetophenone
Concen: 48.218 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

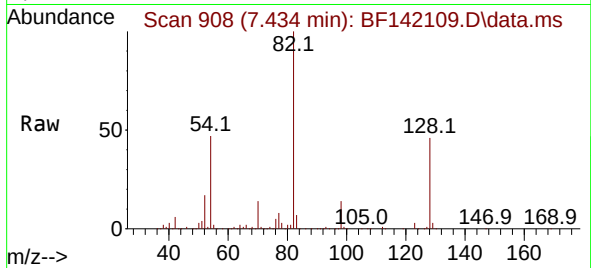
Tgt Ion:105	Resp: 630584
Ion Ratio	Lower Upper
105 100	
71 7.6	5.8 8.8
51 31.1	23.4 35.0
120 22.3	17.3 25.9





#23
Nitrobenzene-d5
Concen: 76.292 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

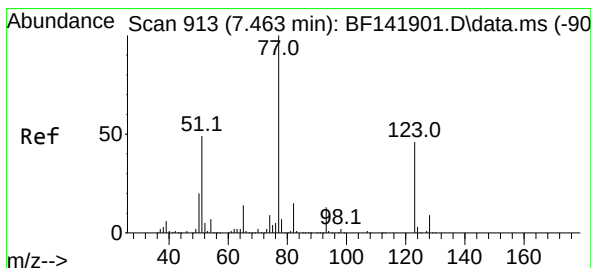
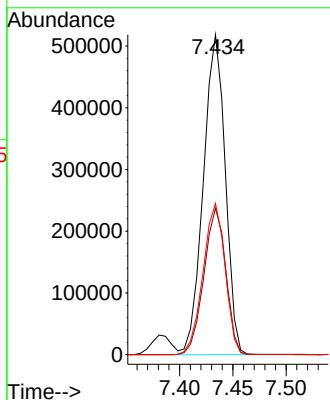
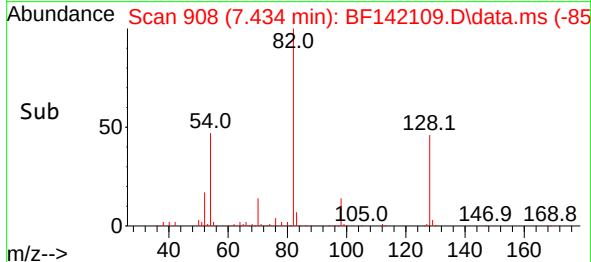
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 82 Resp: 740334
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 47.3 39.6 59.4

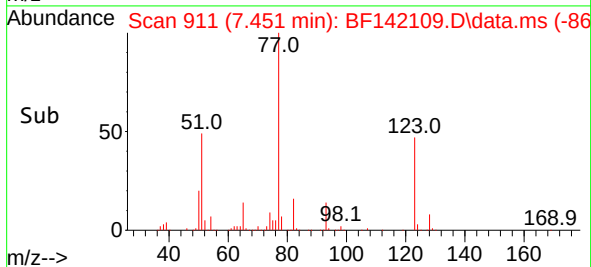
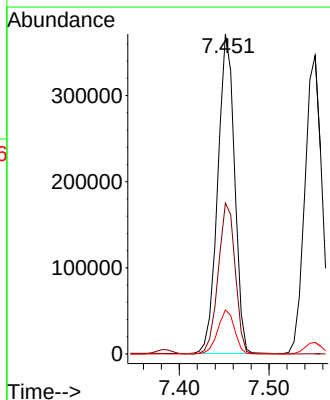
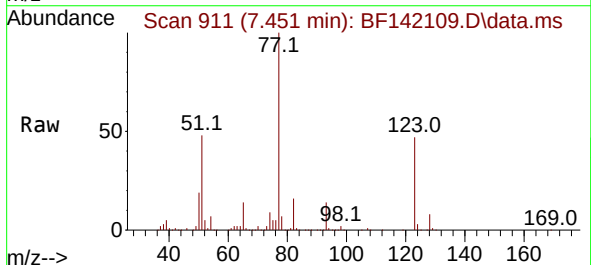
Manual Integrations
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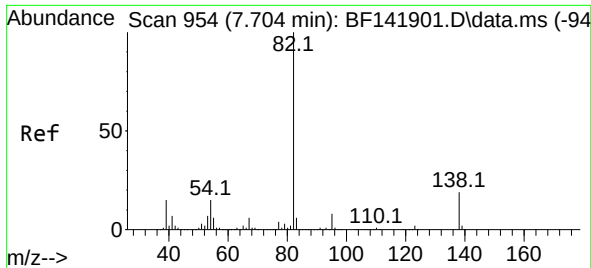
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#24
Nitrobenzene
Concen: 50.047 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

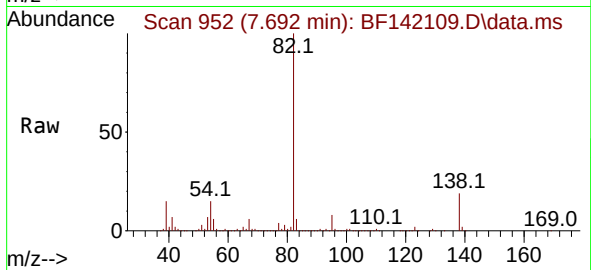
Tgt Ion: 77 Resp: 482801
Ion Ratio Lower Upper
77 100
123 47.1 37.0 55.4
65 13.7 11.3 16.9





#25
Isophorone
Concen: 50.920 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

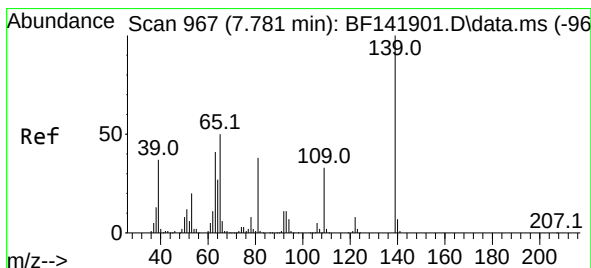
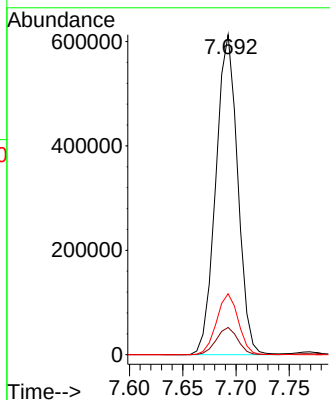
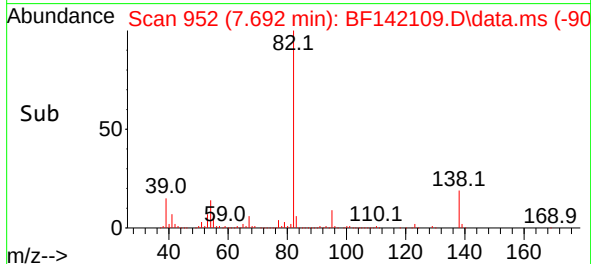
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



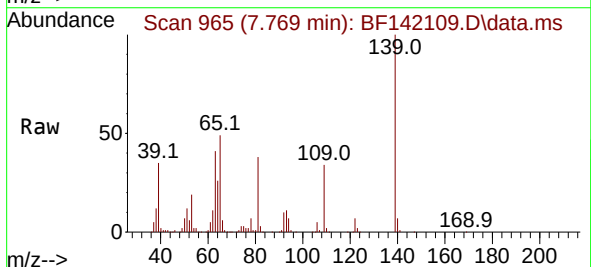
Tgt Ion: 82 Resp: 87344
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 19.1 14.9 22.3

Manual Integrations
APPROVED

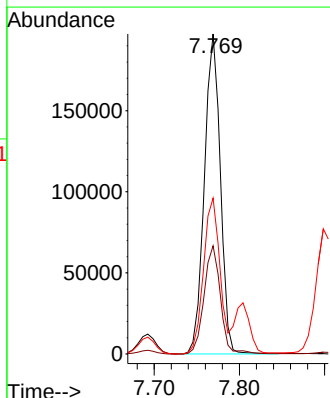
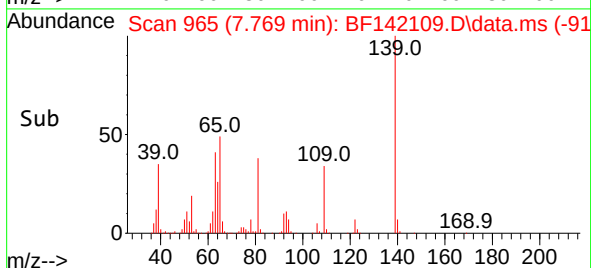
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

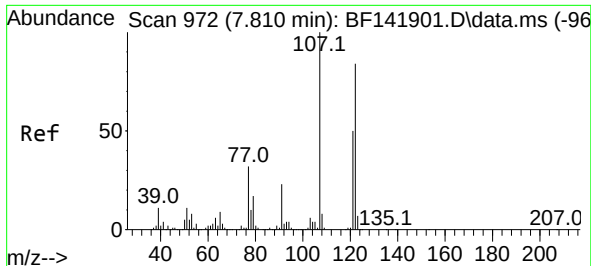


#26
2-Nitrophenol
Concen: 54.396 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion:139 Resp: 257551
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 48.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 65.027 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142109.D

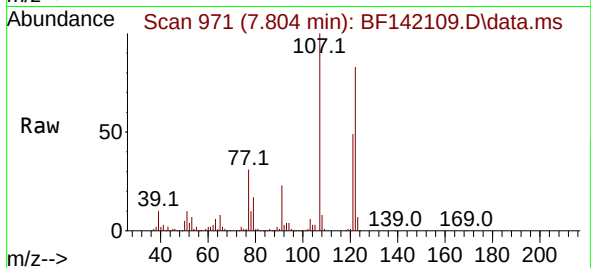
Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD



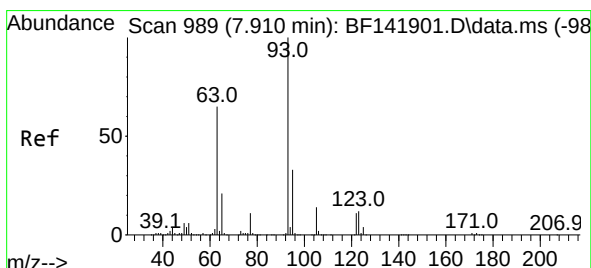
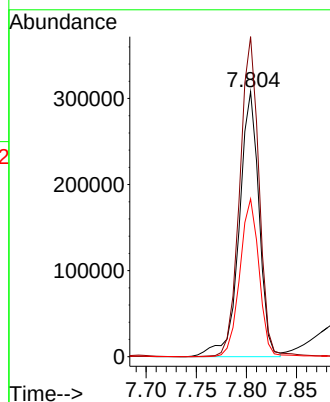
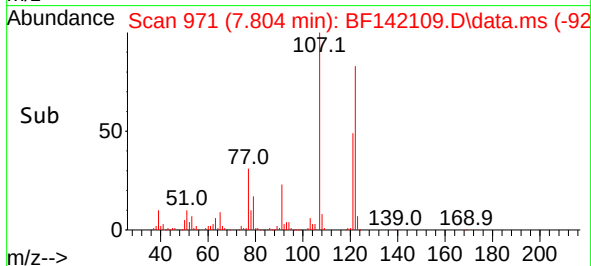
Tgt Ion:	122	Resp:	42394
Ion	Ratio	Lower	Upper
122	100		
107	120.8	94.8	142.2
121	59.5	47.8	71.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.678 ng

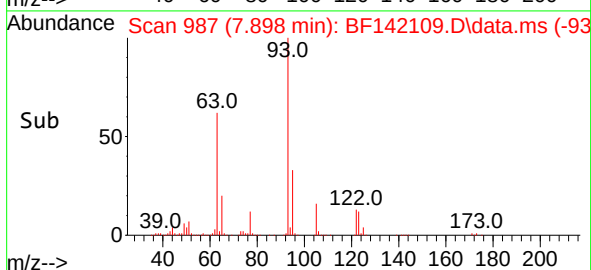
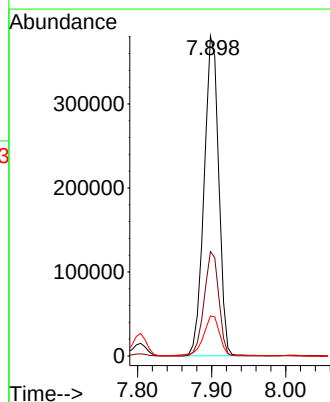
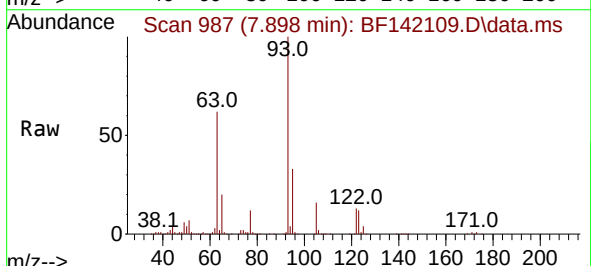
RT: 7.898 min Scan# 987

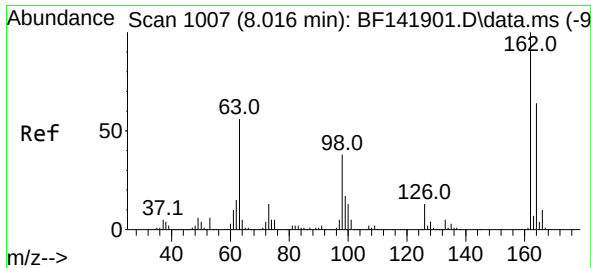
Delta R.T. -0.012 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Tgt Ion:	93	Resp:	523707
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	12.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 51.267 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:162 Resp: 41486

Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

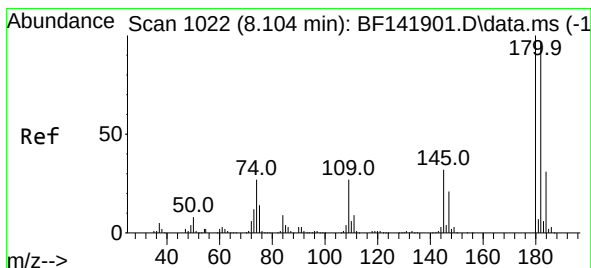
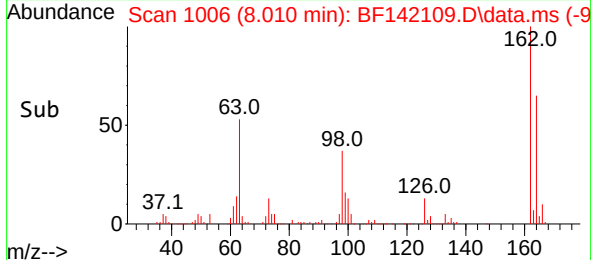
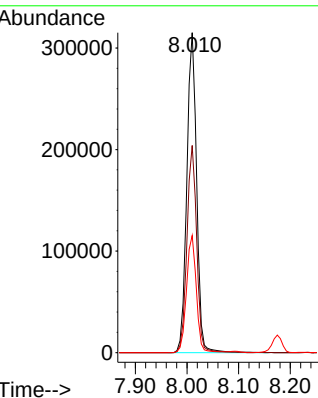
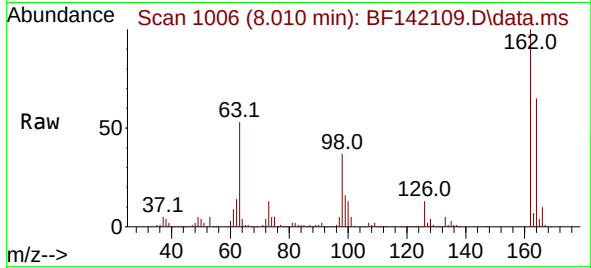
98 36.6 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.914 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

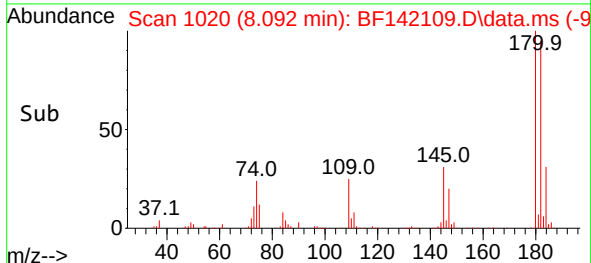
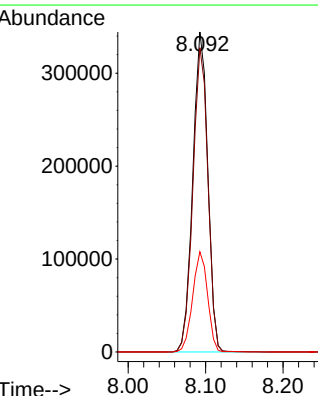
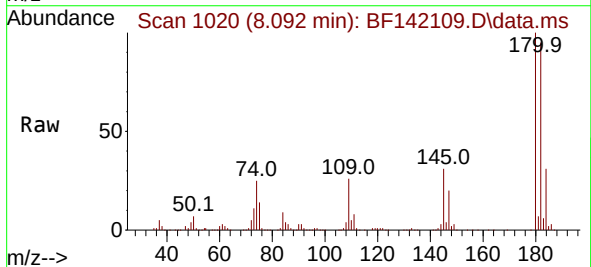
Tgt Ion:180 Resp: 462960

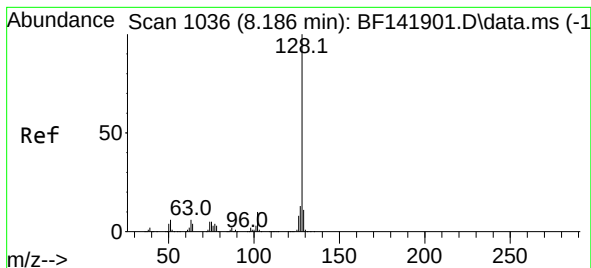
Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

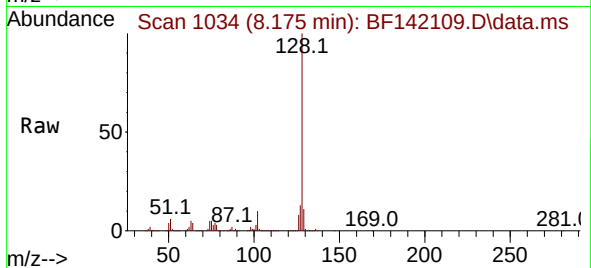
145 31.3 25.8 38.6





#31
Naphthalene
Concen: 48.493 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

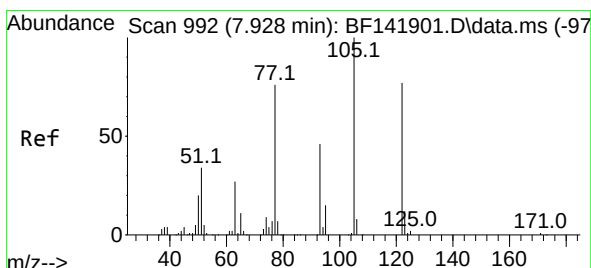
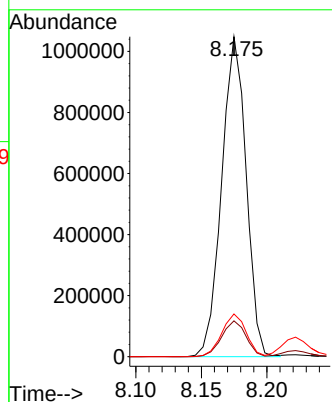
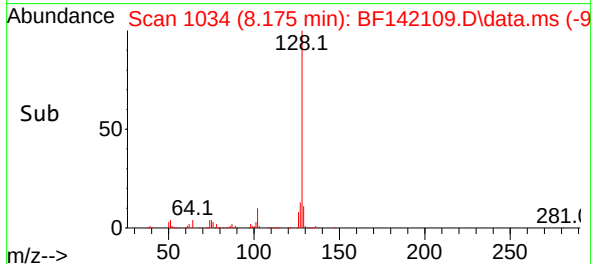
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:128 Resp: 1360335
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2

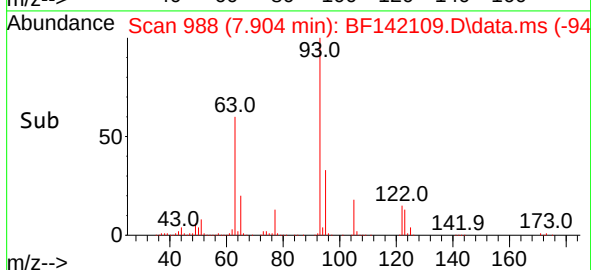
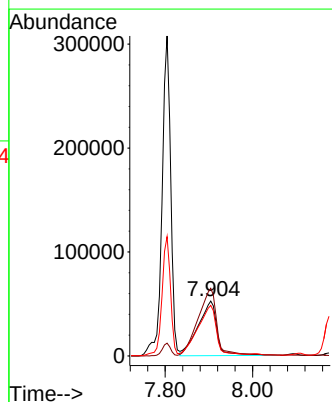
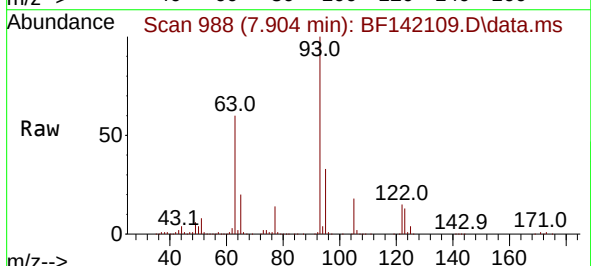
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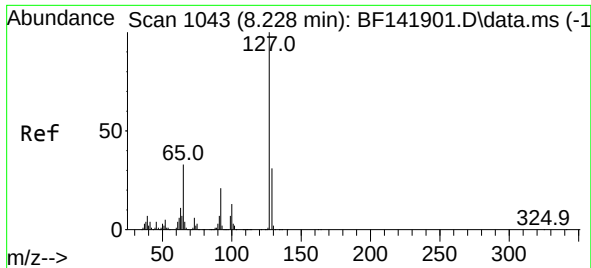
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#32
Benzoic acid
Concen: 27.981 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.024 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

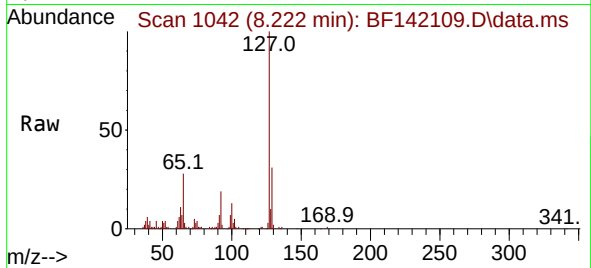
Tgt Ion:122 Resp: 160353
Ion Ratio Lower Upper
122 100
105 123.5 107.9 147.9
77 92.2 79.0 119.0





#33
4-Chloroaniline
Concen: 9.938 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

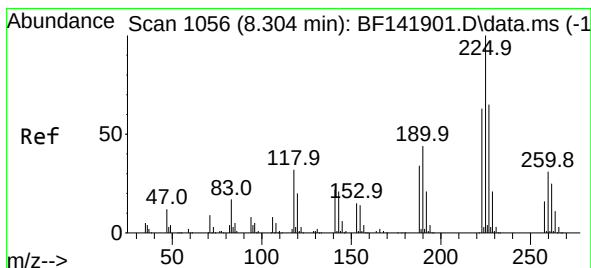
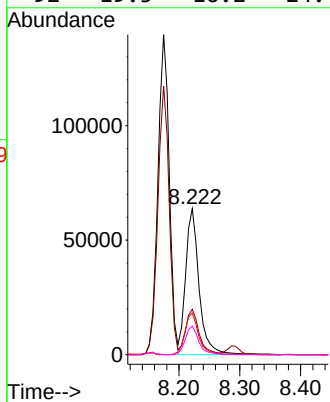
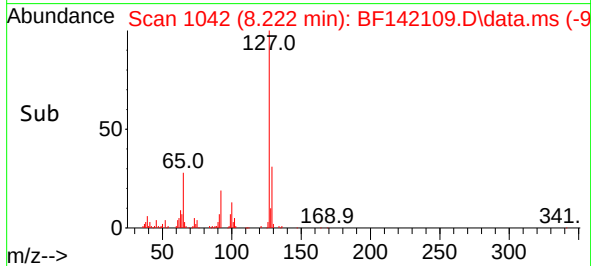
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:127 Resp: 98418
Ion Ratio Lower Upper
127 100
129 31.2 26.2 39.4
65 28.4 25.4 38.2
92 19.5 16.2 24.4

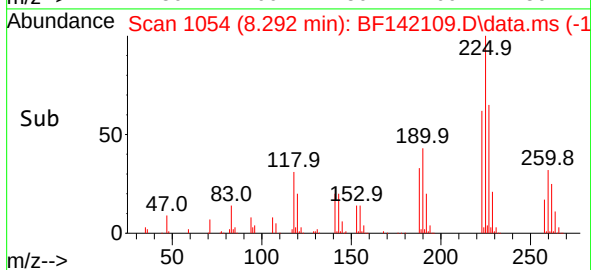
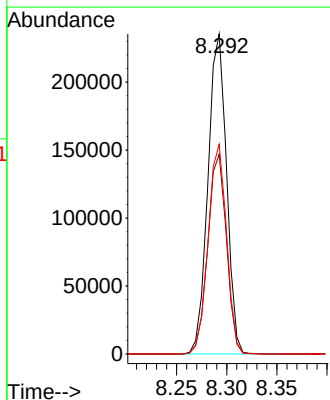
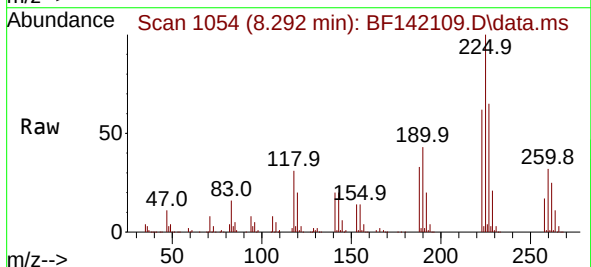
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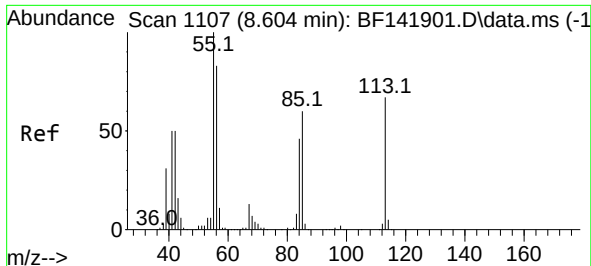
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#34
Hexachlorobutadiene
Concen: 52.119 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

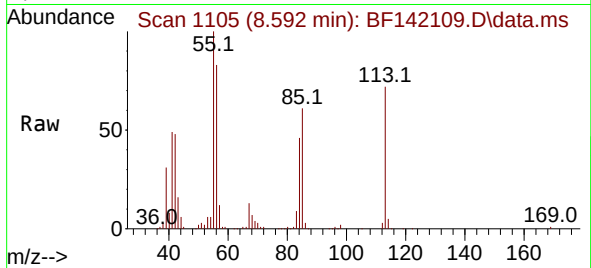
Tgt Ion:225 Resp: 303111
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 65.5 52.2 78.2





#35
Caprolactam
Concen: 50.659 ng m
RT: 8.592 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

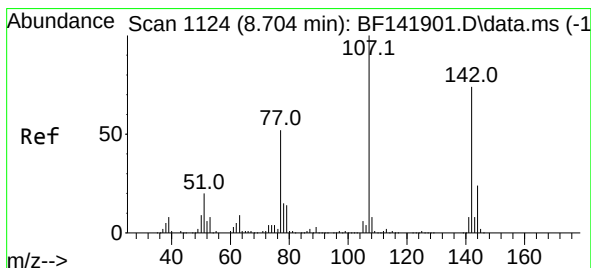
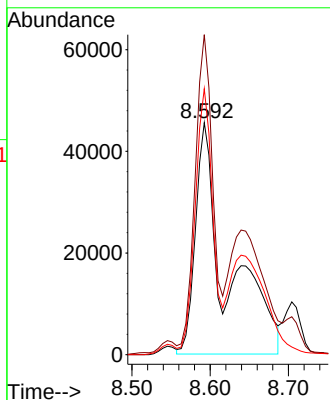
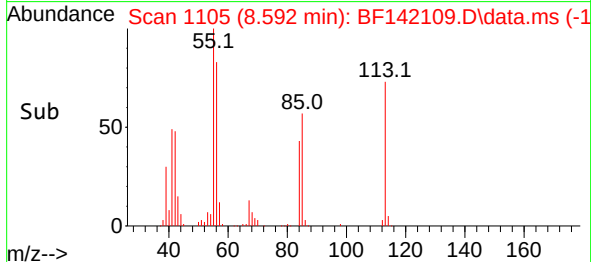
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:113 Resp: 12498
Ion Ratio Lower Upper
113 100
55 137.9 129.6 169.6
56 114.6 104.0 144.0

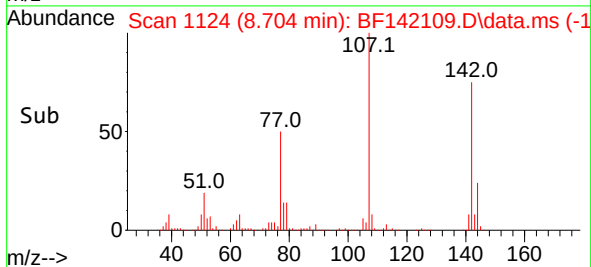
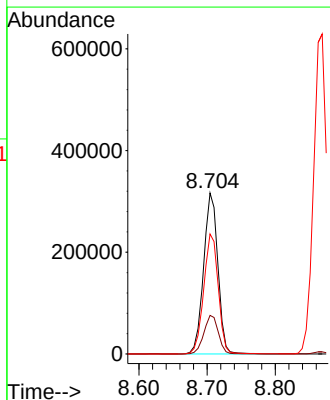
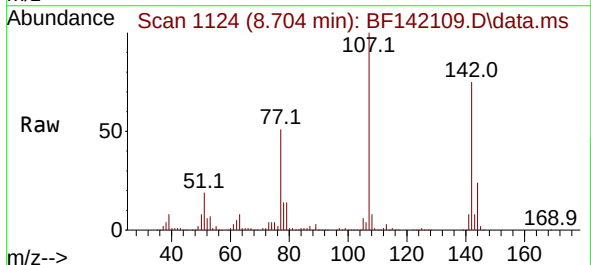
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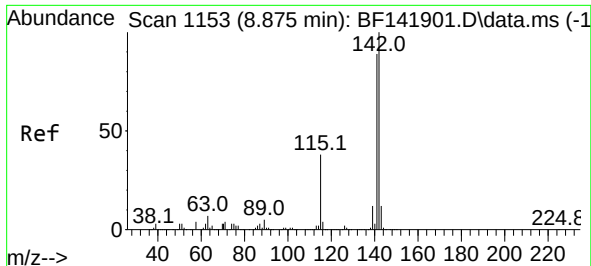
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#36
4-Chloro-3-methylphenol
Concen: 51.174 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:107 Resp: 461943
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 74.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.355 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:142 Resp: 850424

Ion Ratio Lower Upper

142 100

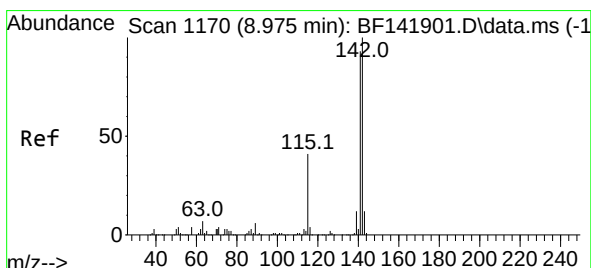
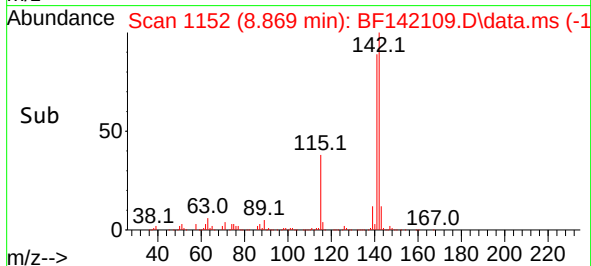
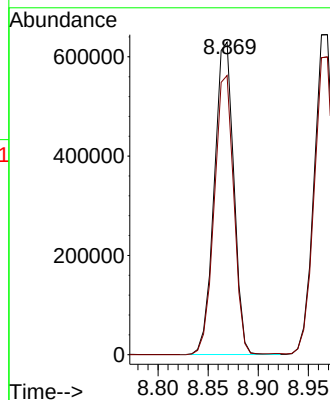
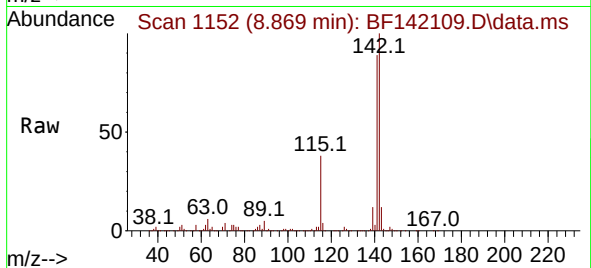
141 89.4 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#38

1-Methylnaphthalene

Concen: 48.608 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142109.D

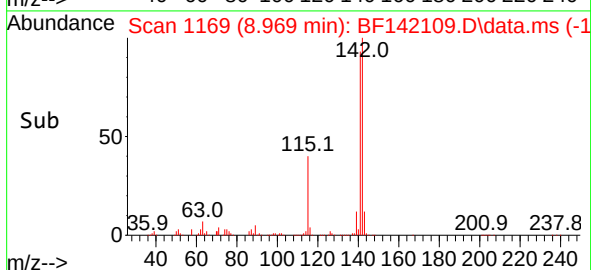
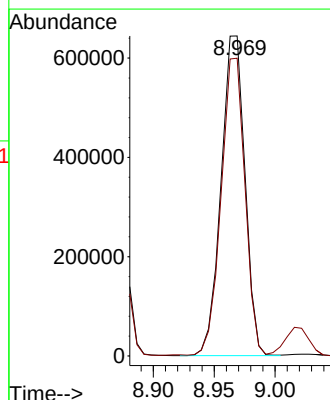
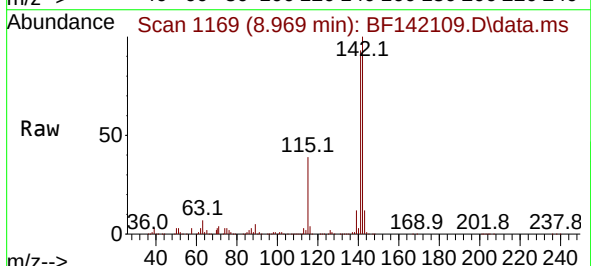
Acq: 26 Mar 2025 21:07

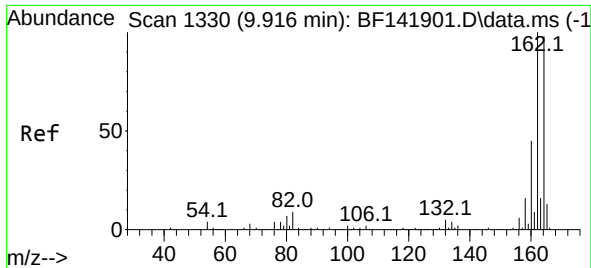
Tgt Ion:142 Resp: 879510

Ion Ratio Lower Upper

142 100

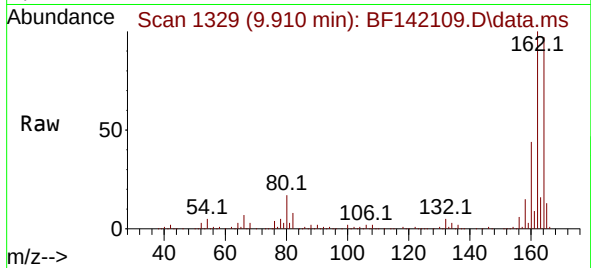
141 93.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

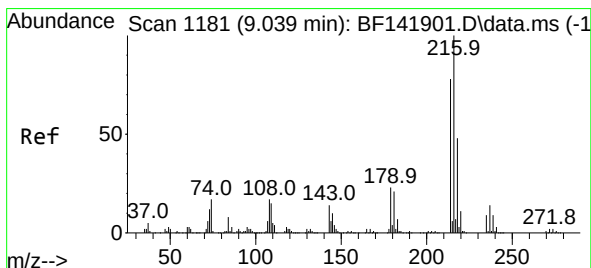
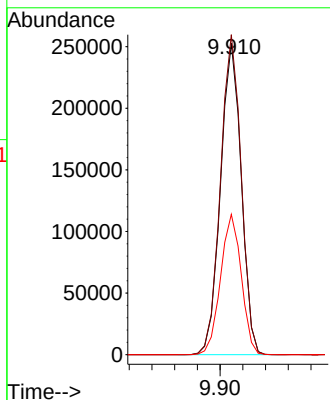
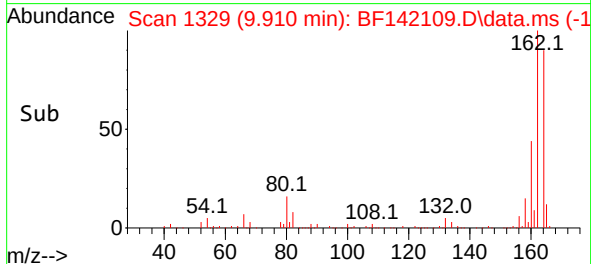
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:164 Resp: 319789
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.0 36.7 55.1

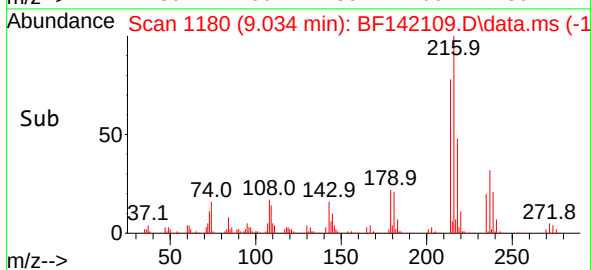
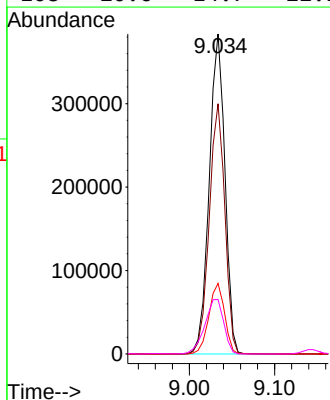
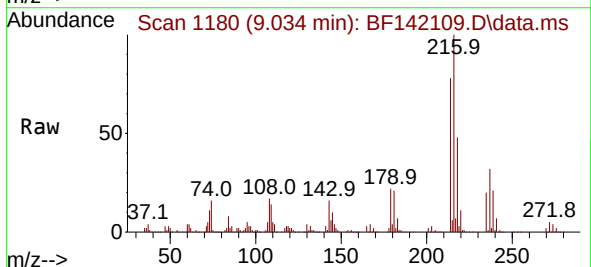
Manual Integrations
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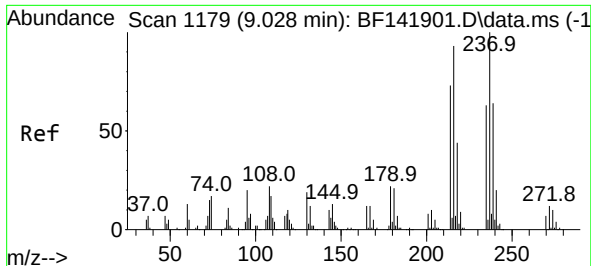
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.342 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

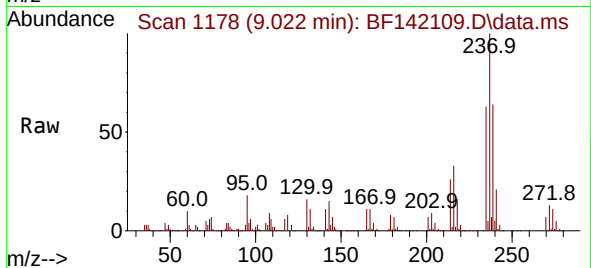
Tgt Ion:216 Resp: 490148
Ion Ratio Lower Upper
216 100
214 77.9 61.9 92.9
179 22.1 18.1 27.1
108 20.6 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 180.403 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

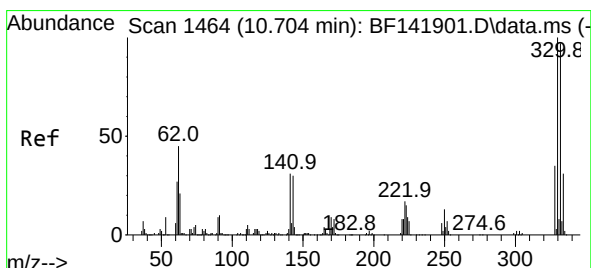
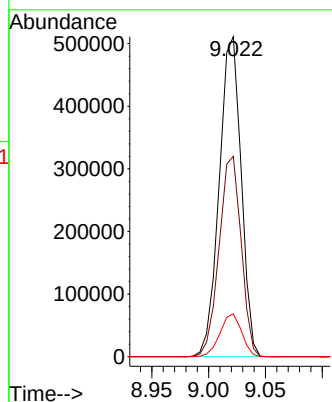
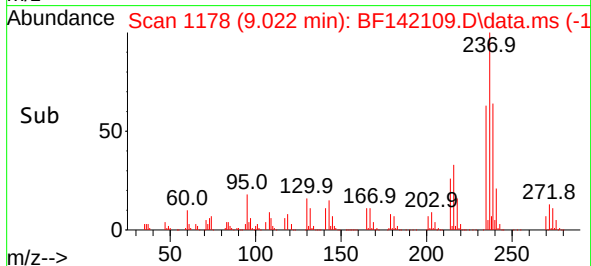
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



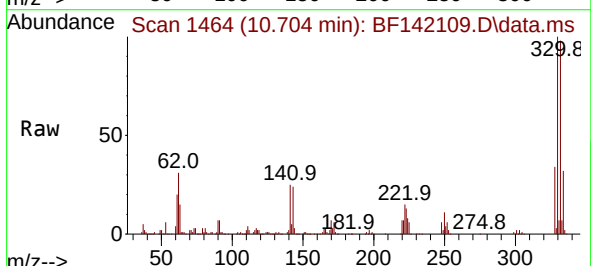
Tgt Ion:237 Resp: 687400
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 13.4 0.0 32.0

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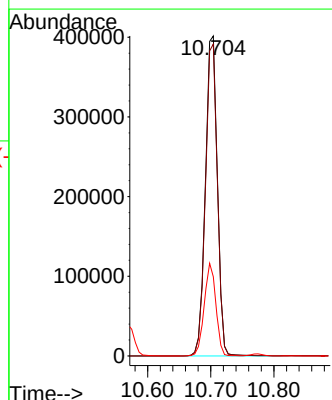
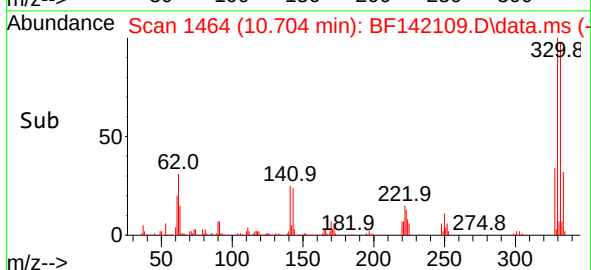
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

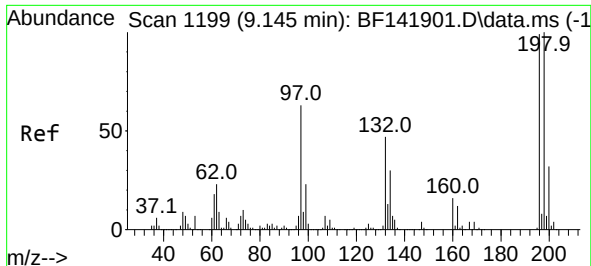


#42
2,4,6-Tribromophenol
Concen: 130.328 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



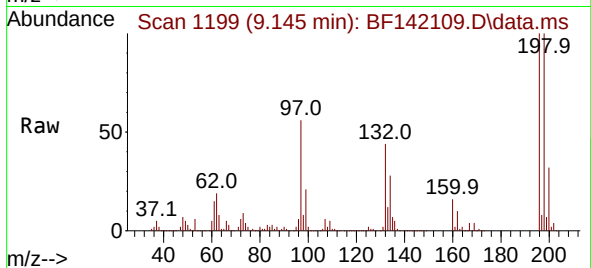
Tgt Ion:330 Resp: 528735
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 28.2 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 52.063 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

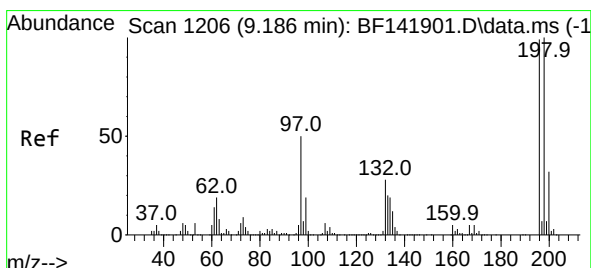
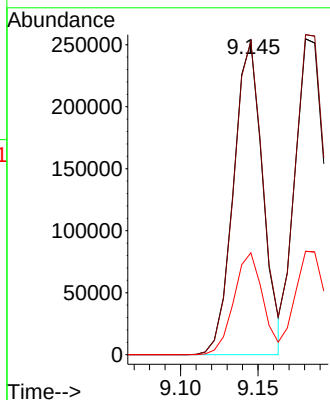
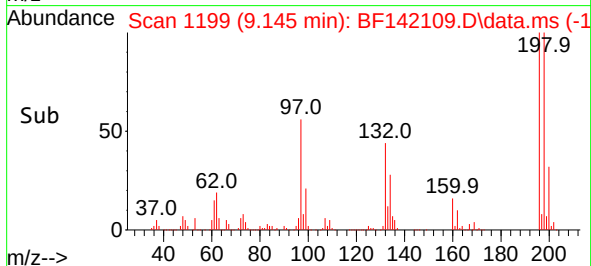
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



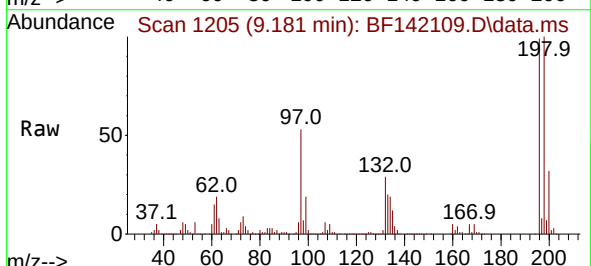
Tgt Ion:196 Resp: 33127
Ion Ratio Lower Upper
196 100
198 100.4 80.6 121.0
200 32.6 25.8 38.6

Manual Integrations
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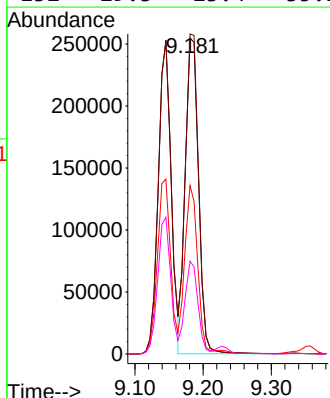
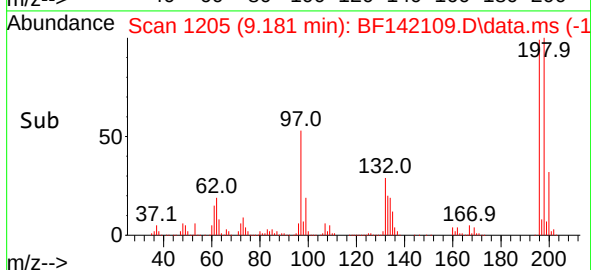
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

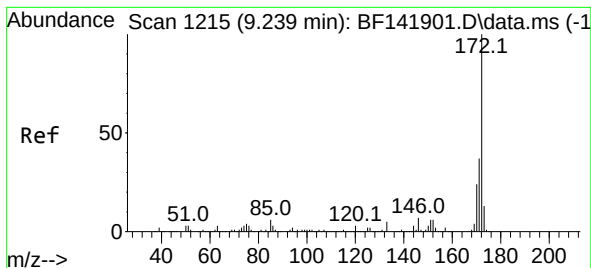


#44
2,4,5-Trichlorophenol
Concen: 53.416 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



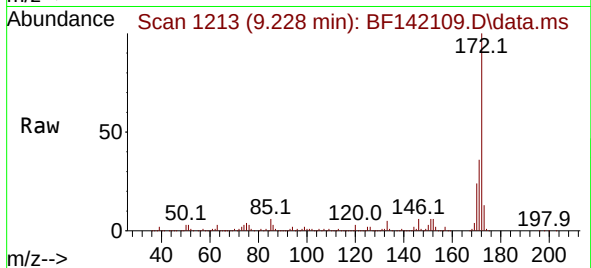
Tgt Ion:196 Resp: 344242
Ion Ratio Lower Upper
196 100
198 101.3 80.7 121.1
97 53.3 42.1 63.1
132 29.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 74.233 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

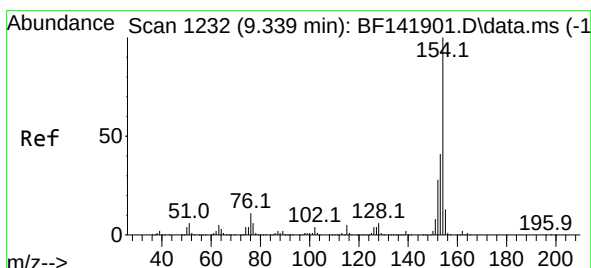
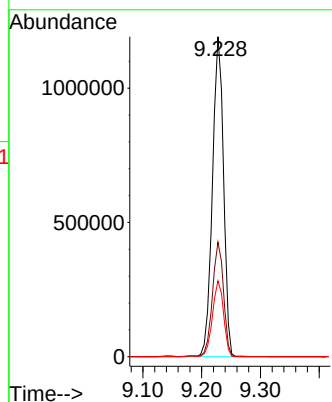
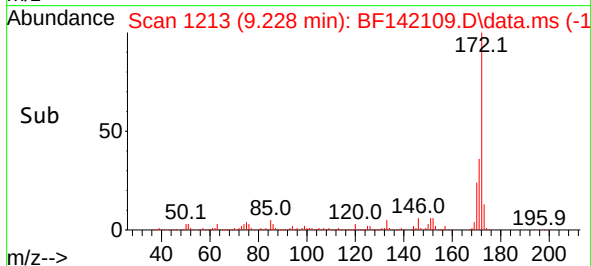
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



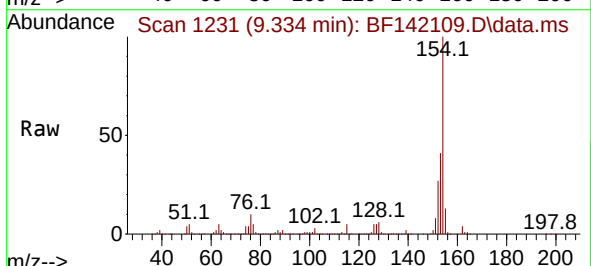
Tgt Ion:172 Resp: 156093
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.4 29.0

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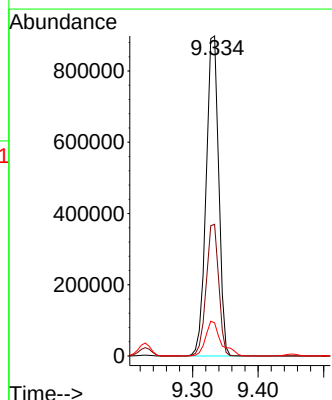
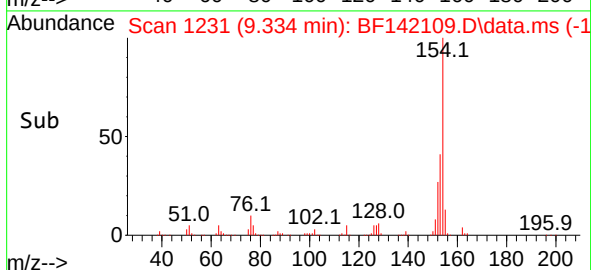
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

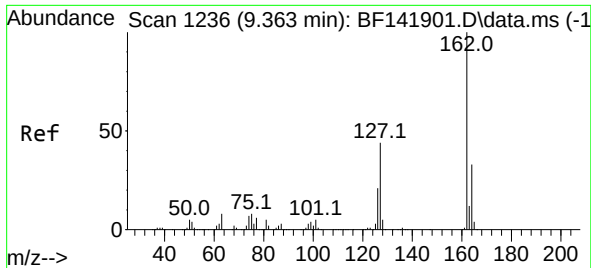


#46
1,1'-Biphenyl
Concen: 49.464 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion:154 Resp: 1201890
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.4 0.0 31.3





#47
2-Chloronaphthalene
Concen: 50.540 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

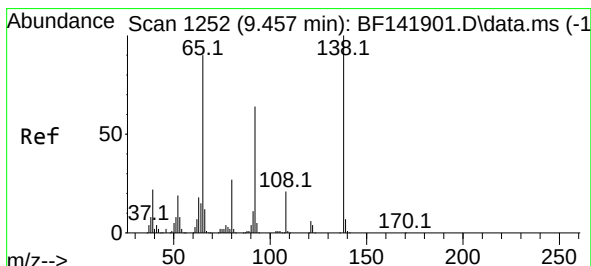
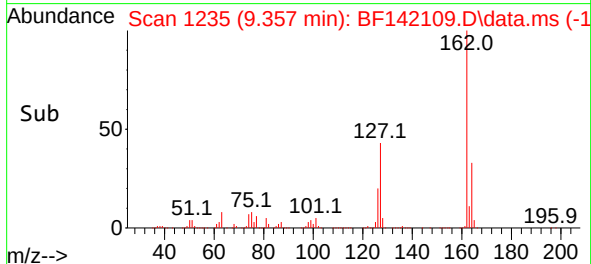
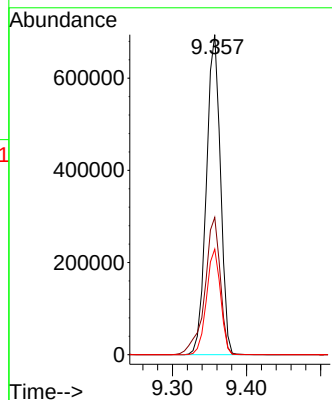
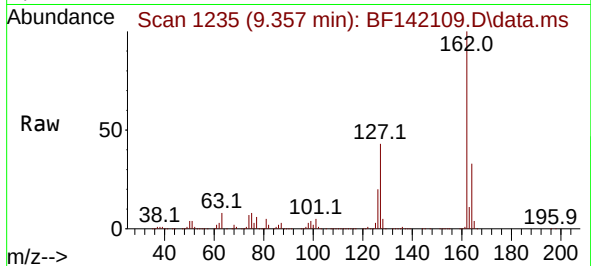
WC-5MSD

Tgt Ion:162 Resp: 91529
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.0 26.6 40.0

Manual Integrations

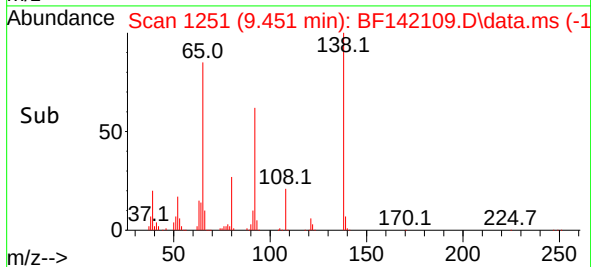
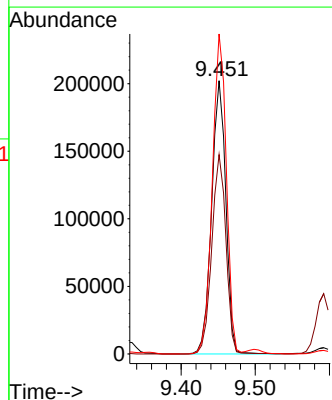
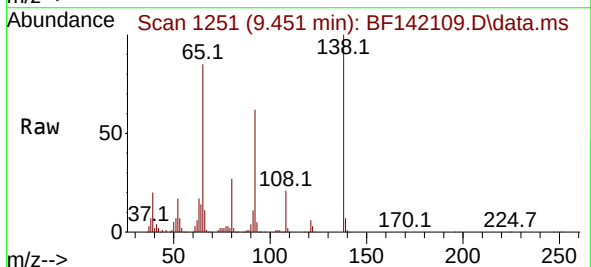
APPROVED

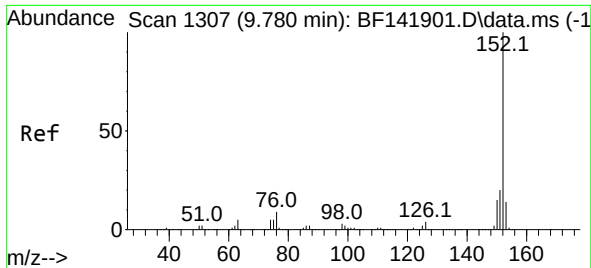
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#48
2-Nitroaniline
Concen: 51.311 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

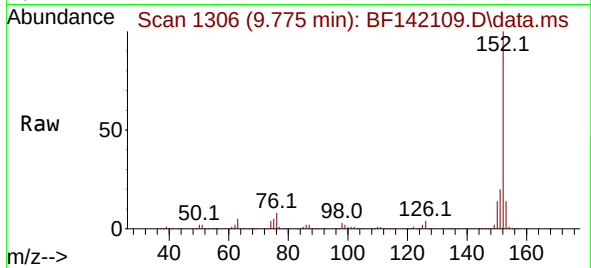
Tgt Ion: 65 Resp: 269060
Ion Ratio Lower Upper
65 100
92 73.0 56.6 84.8
138 117.1 88.6 133.0





#49
Acenaphthylene
Concen: 54.434 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

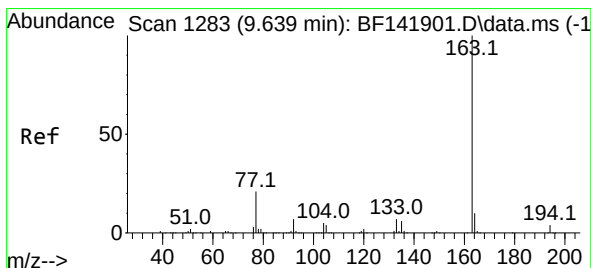
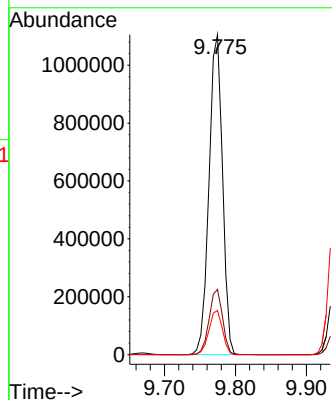
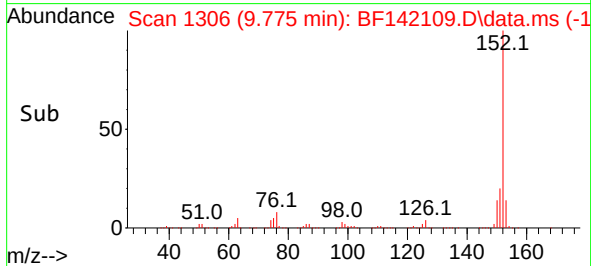
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



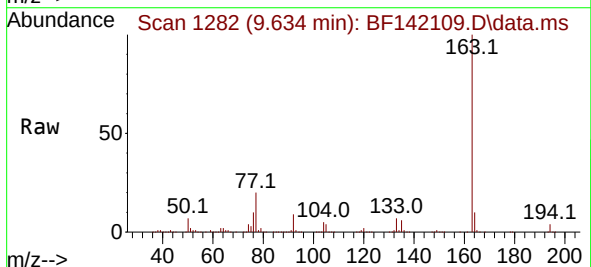
Tgt Ion:152 Resp: 1462920
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.1 16.7

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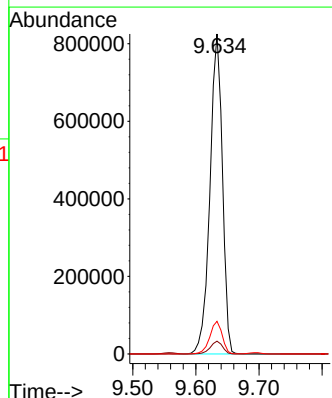
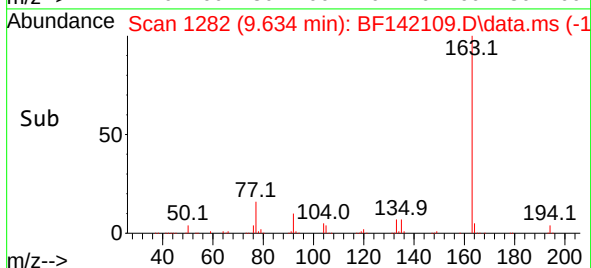
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

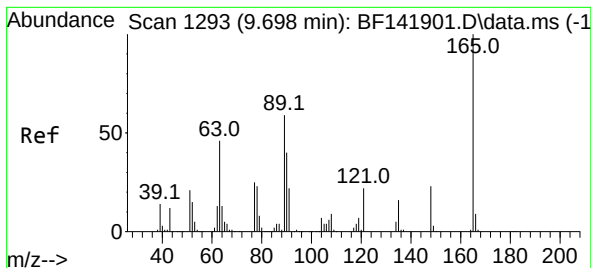


#50
Dimethylphthalate
Concen: 50.335 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



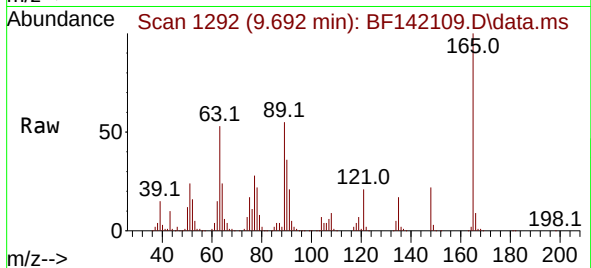
Tgt Ion:163 Resp: 1127207
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 54.274 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

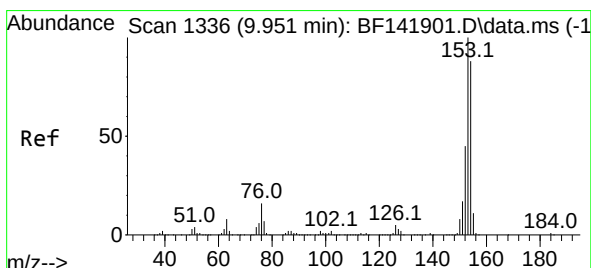
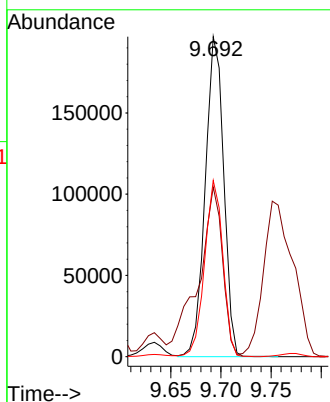
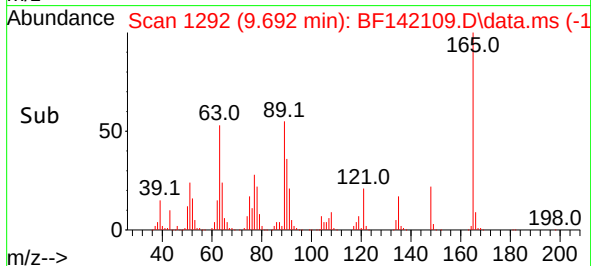
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:165 Resp: 25306
Ion Ratio Lower Upper
165 100
63 53.0 47.0 70.4
89 55.0 47.4 71.2

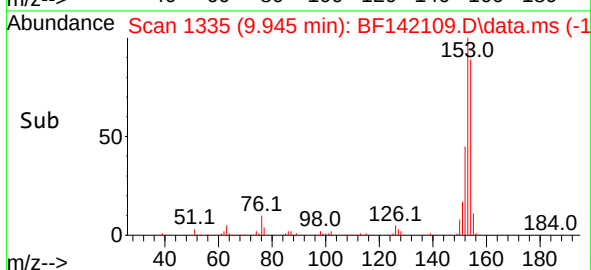
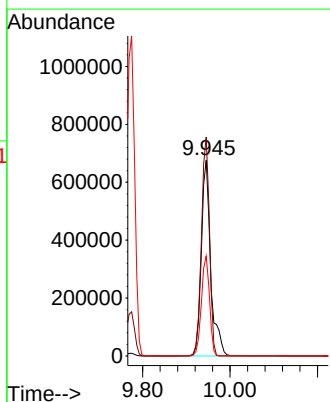
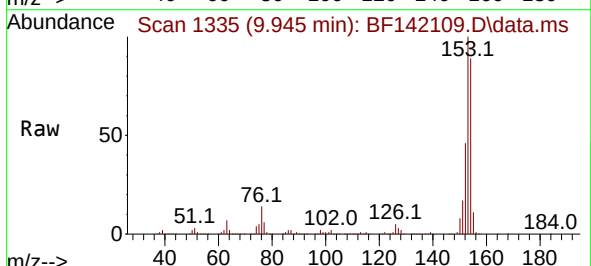
Manual Integrations
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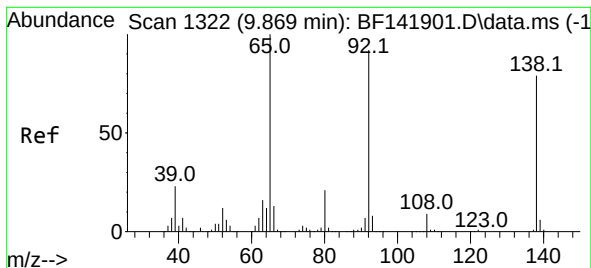
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#52
Acenaphthene
Concen: 53.523 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:154 Resp: 1010875
Ion Ratio Lower Upper
154 100
153 111.8 90.7 136.1
152 51.1 41.1 61.7





#53

3-Nitroaniline

Concen: 20.154 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:138 Resp: 9532

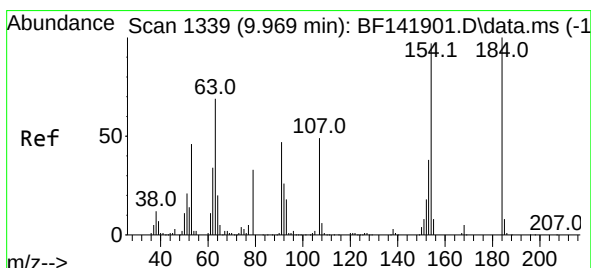
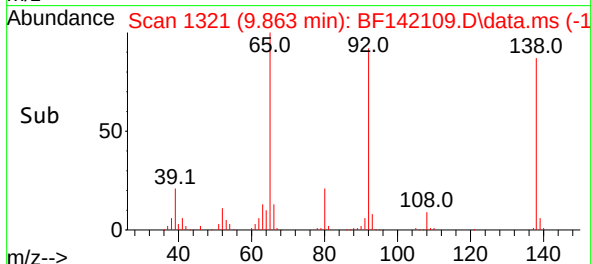
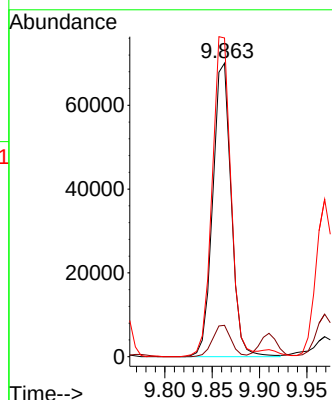
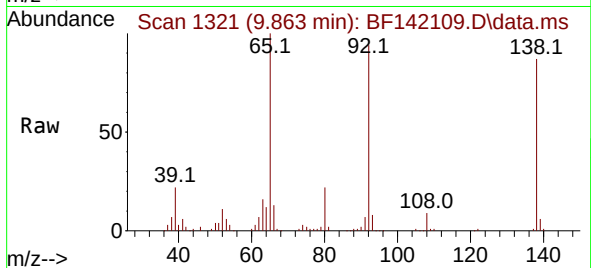
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.3	13.9
92	108.6	93.5	140.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#54

2,4-Dinitrophenol

Concen: 77.104 ng

RT: 9.969 min Scan# 1339

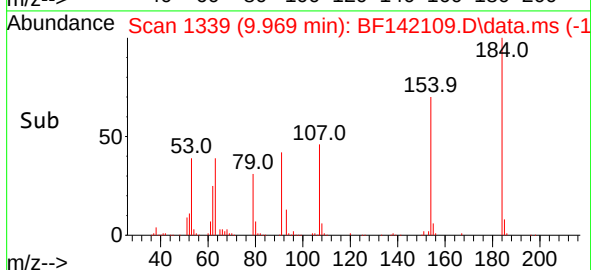
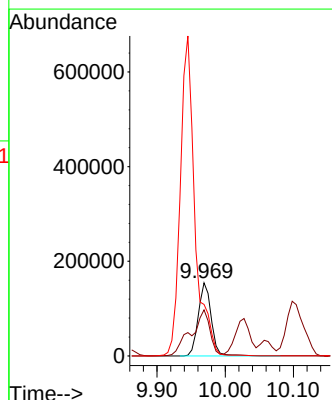
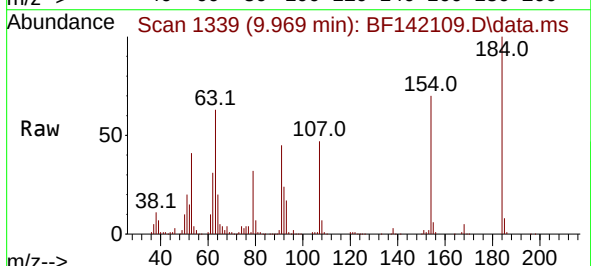
Delta R.T. -0.000 min

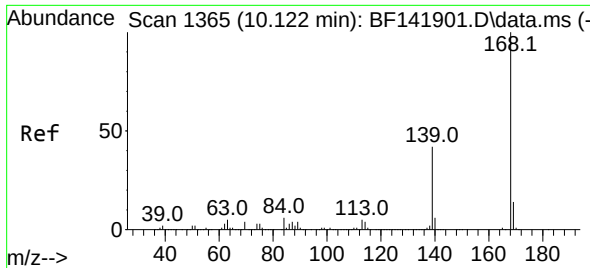
Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Tgt Ion:184 Resp: 203577

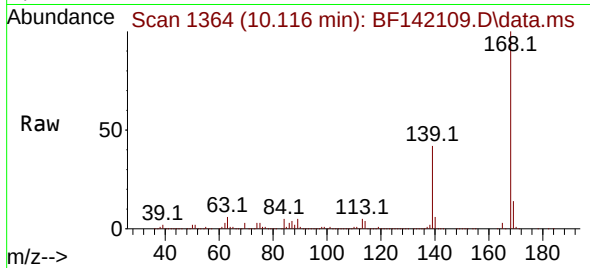
Ion	Ratio	Lower	Upper
184	100		
63	63.1	60.2	90.4
154	70.4	132.9	199.3#





#55
Dibenzofuran
Concen: 48.690 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

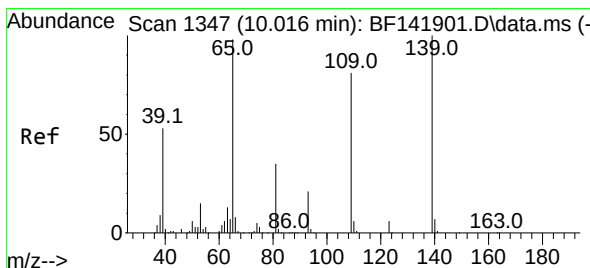
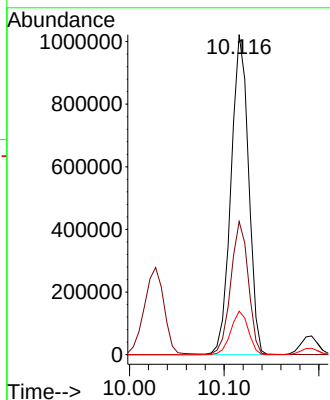
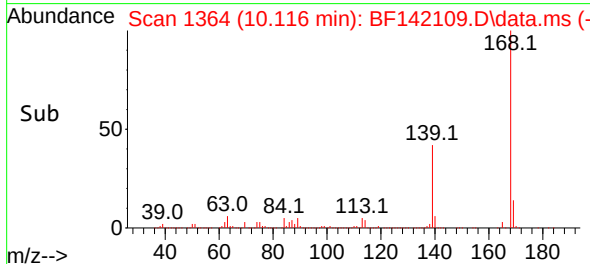
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:168 Resp: 1314002
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.6 11.0 16.4

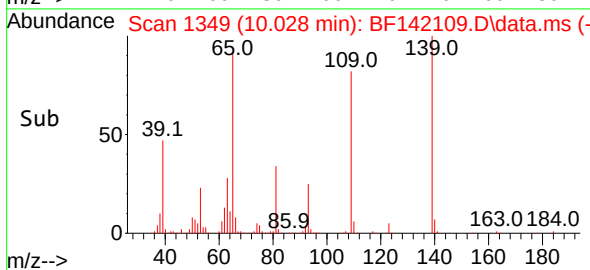
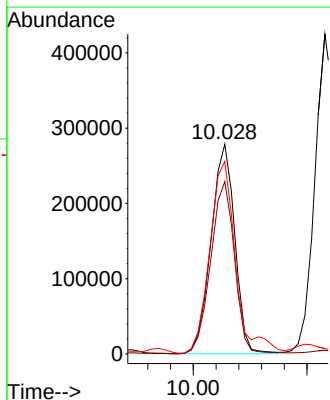
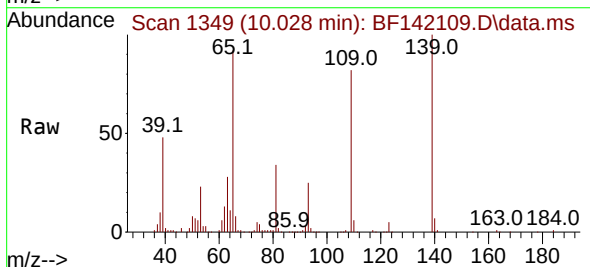
Manual Integrations
APPROVED

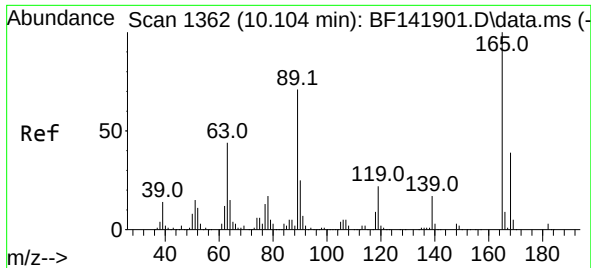
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#56
4-Nitrophenol
Concen: 113.291 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

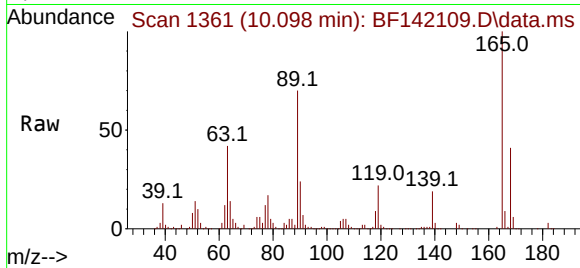
Tgt Ion:139 Resp: 404080
Ion Ratio Lower Upper
139 100
109 82.2 61.6 101.6
65 91.8 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 58.710 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

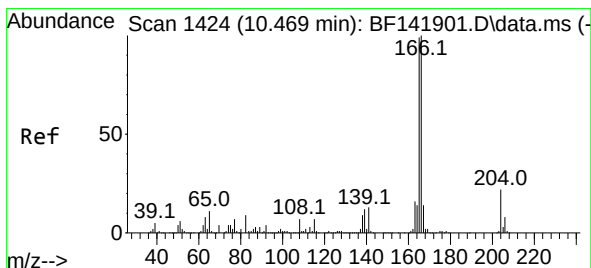
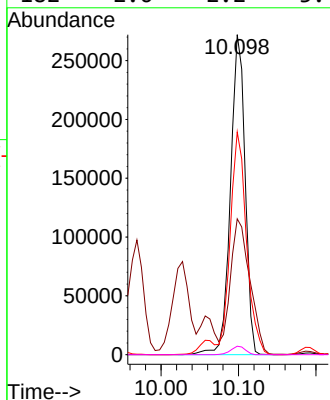
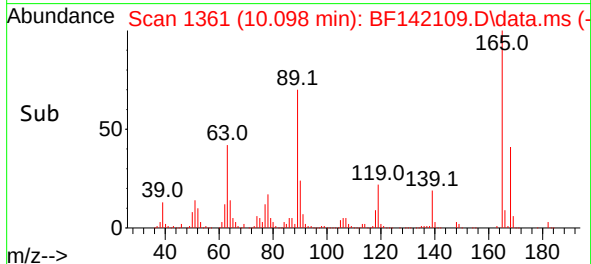
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



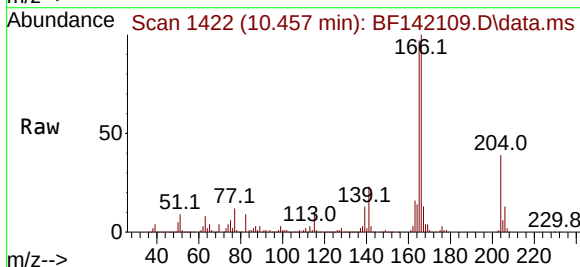
Tgt Ion:165 Resp: 357530
Ion Ratio Lower Upper
165 100
63 42.5 35.4 53.2
89 69.6 56.6 84.8
182 2.6 2.2 3.4

Manual Integrations
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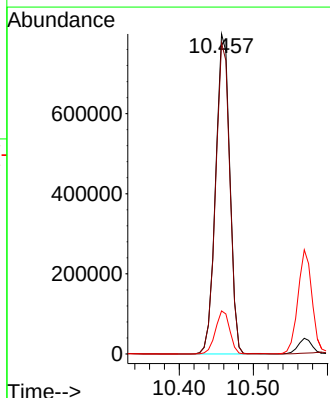
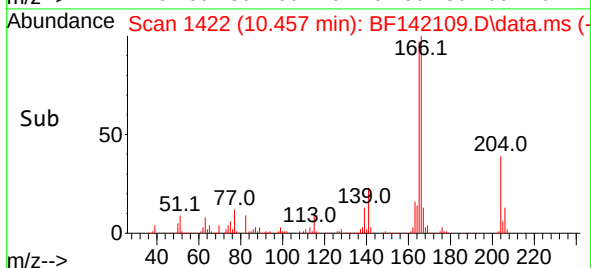
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

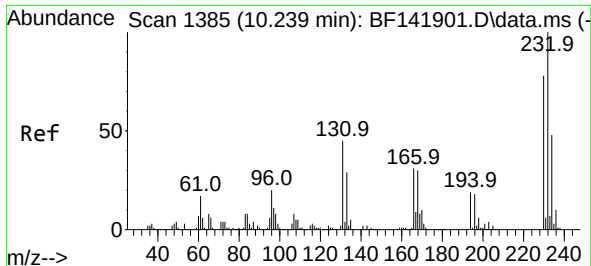


#58
Fluorene
Concen: 51.034 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



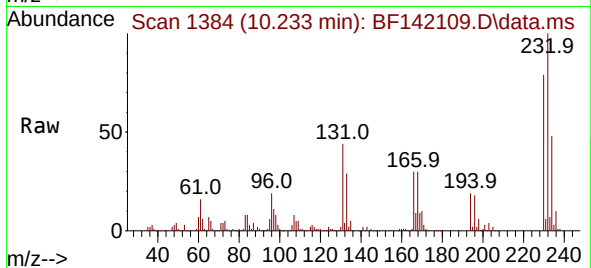
Tgt Ion:166 Resp: 1062092
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.935 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

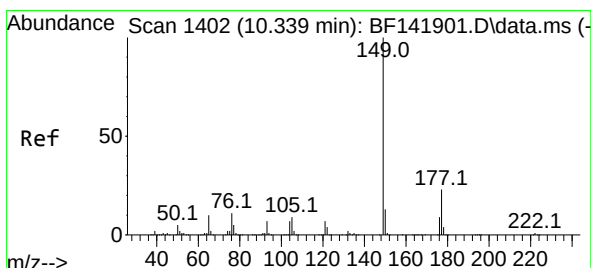
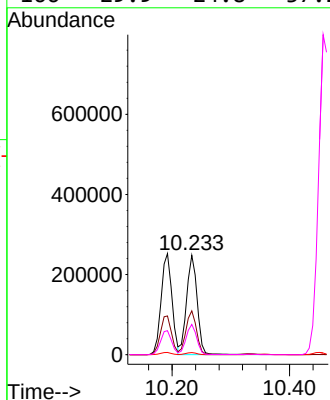
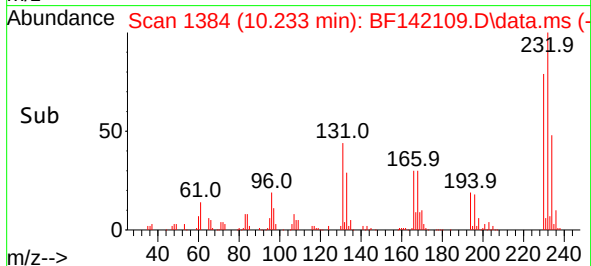
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



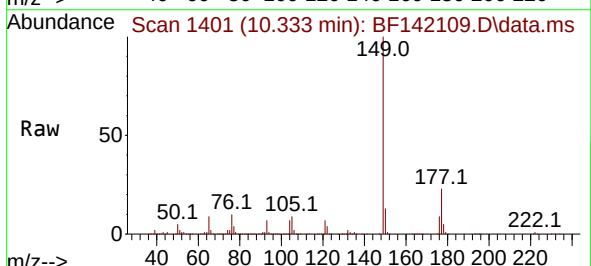
Tgt Ion:232 Resp: 310421
Ion Ratio Lower Upper
232 100
131 44.1 37.3 55.9
130 2.2 1.9 2.9
166 29.9 24.8 37.2

Manual Integrations
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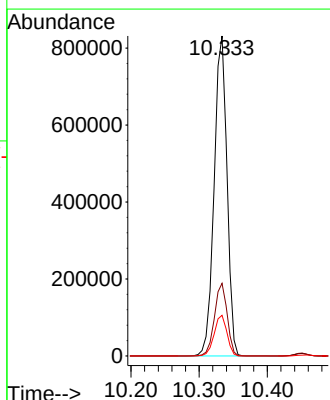
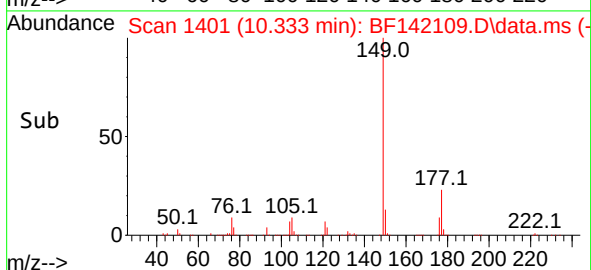
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

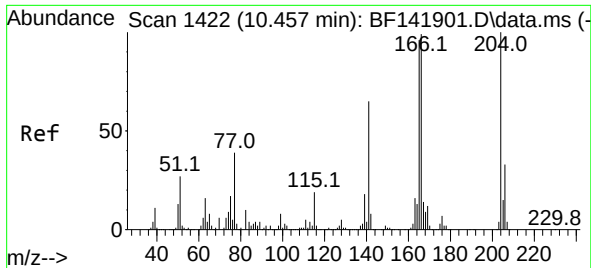


#60
Diethylphthalate
Concen: 48.828 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



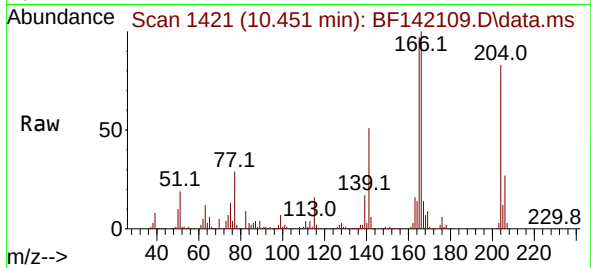
Tgt Ion:149 Resp: 1090322
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 50.669 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

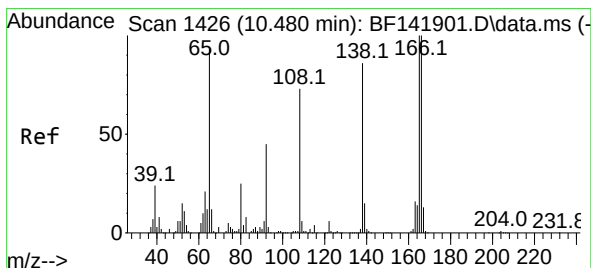
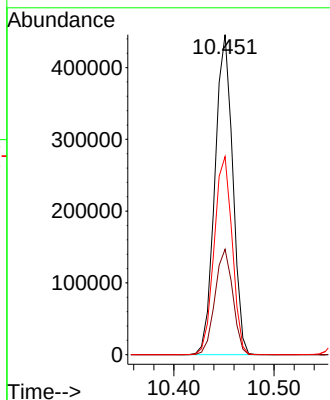
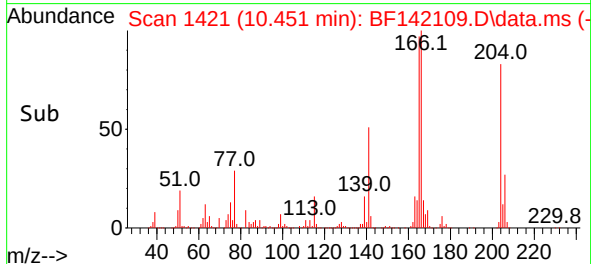
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



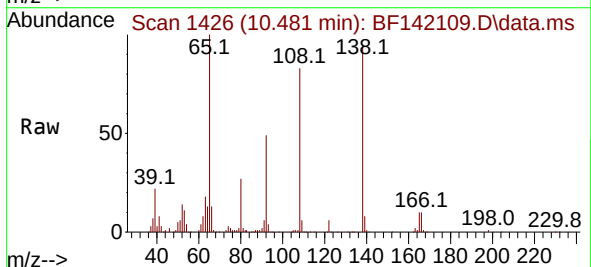
Tgt Ion:204 Resp: 54976
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 61.9 52.4 78.6

Manual Integrations
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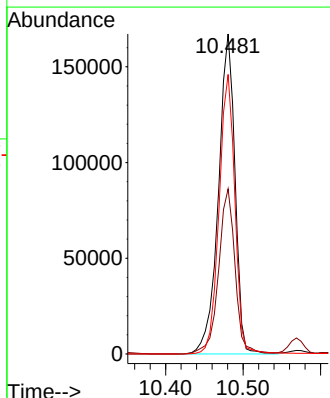
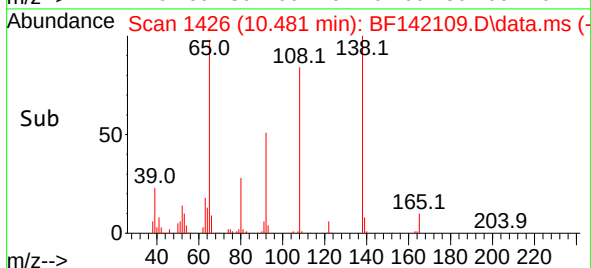
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

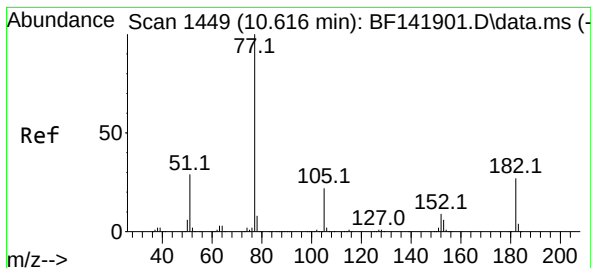


#62
4-Nitroaniline
Concen: 54.126 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



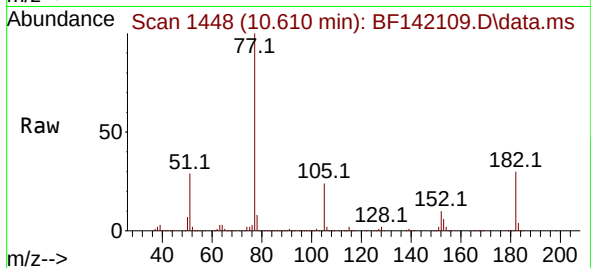
Tgt Ion:138 Resp: 249226
Ion Ratio Lower Upper
138 100
92 51.6 32.6 72.6
108 87.4 65.0 105.0





#63
Azobenzene
Concen: 50.022 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

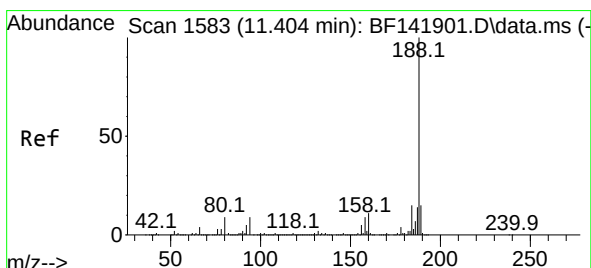
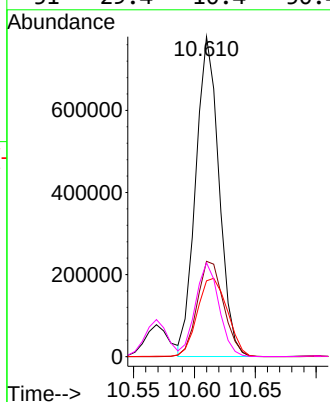
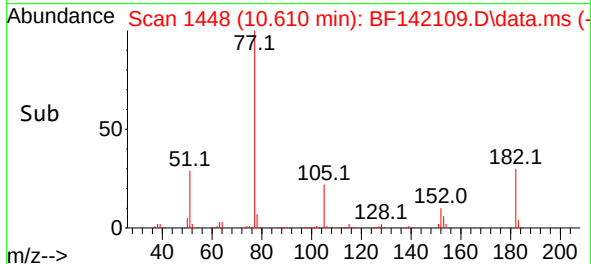
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion: 77 Resp: 1038470
Ion Ratio Lower Upper
77 100
182 29.8 6.6 46.6
105 23.7 1.3 41.3
51 29.4 10.4 50.4

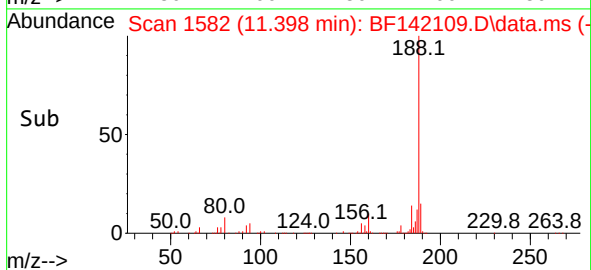
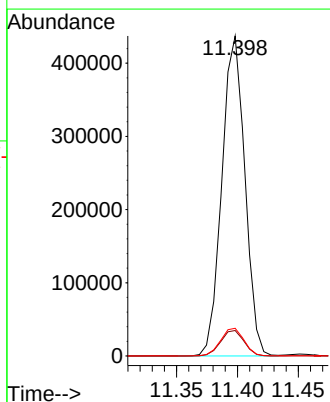
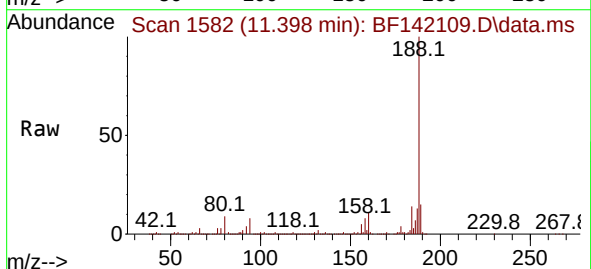
Manual Integrations
APPROVED

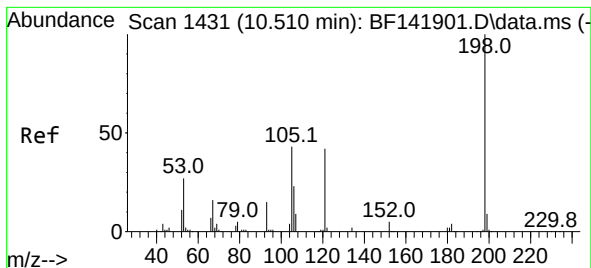
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

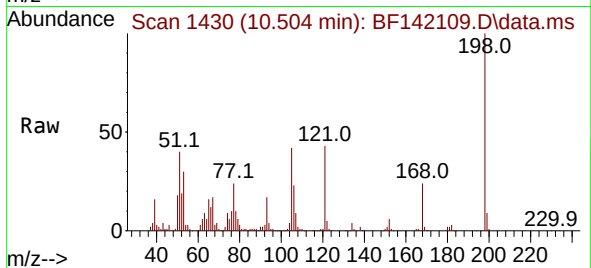
Tgt Ion:188 Resp: 575005
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.993 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

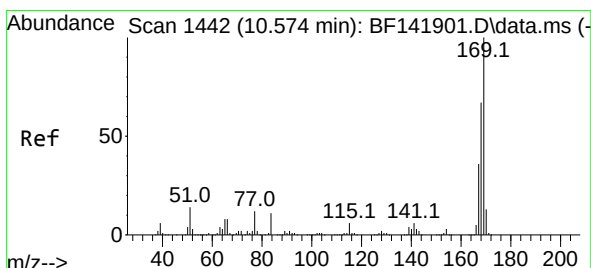
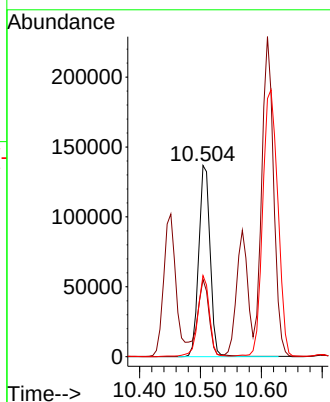
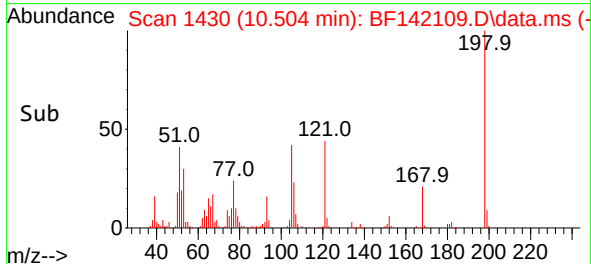
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:198 Resp: 178220
Ion Ratio Lower Upper
198 100
51 40.4 22.3 62.3
105 42.5 23.0 63.0

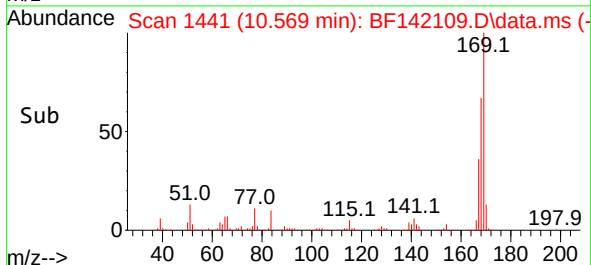
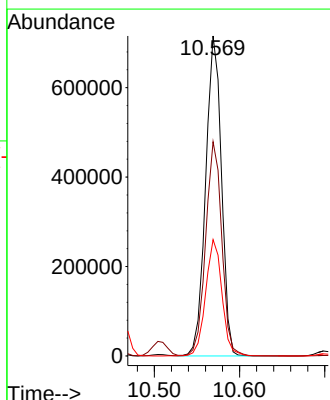
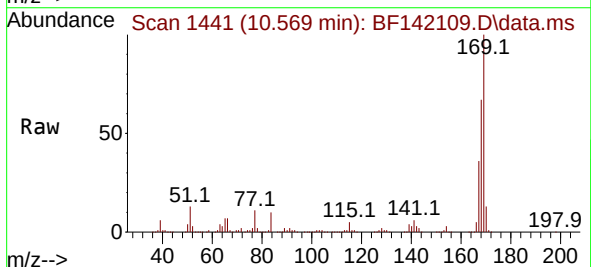
Manual Integrations
APPROVED

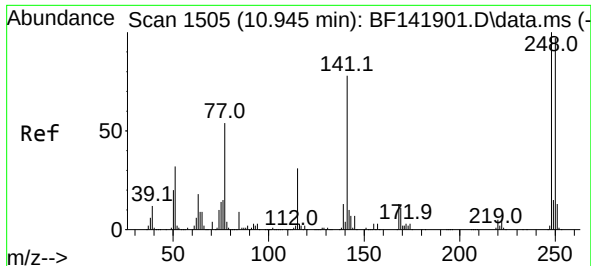
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#66
n-Nitrosodiphenylamine
Concen: 49.659 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

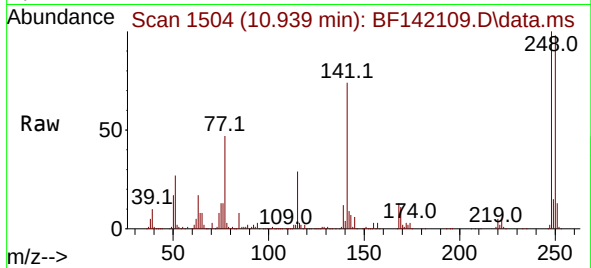
Tgt Ion:169 Resp: 924024
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 50.509 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

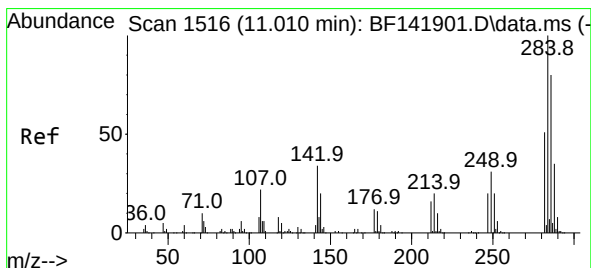
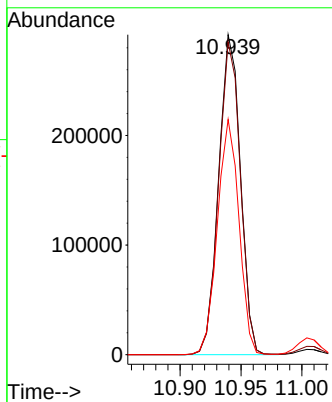
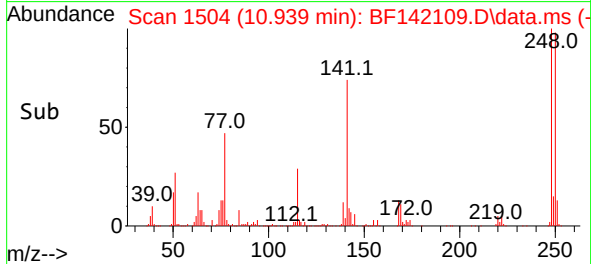
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



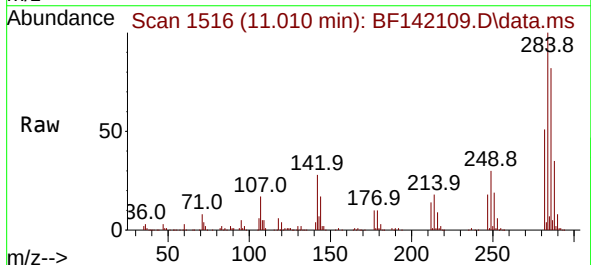
Tgt Ion:248 Resp: 36474
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 73.5 62.6 93.8

Manual Integrations
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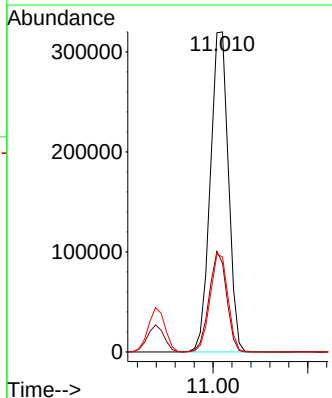
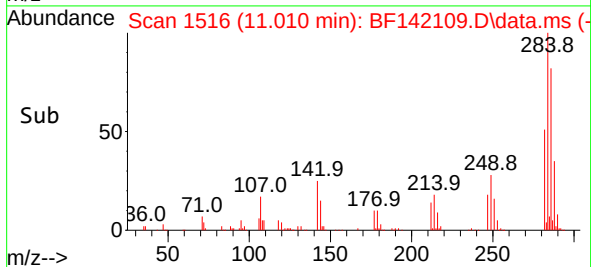
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

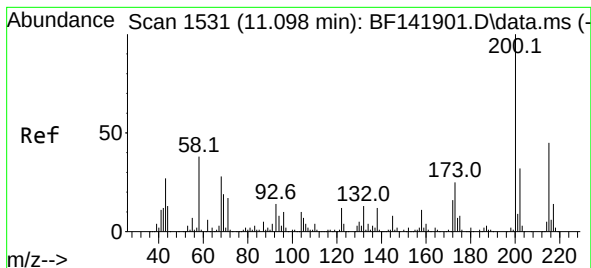


#68
Hexachlorobenzene
Concen: 53.578 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion:284 Resp: 424347
Ion Ratio Lower Upper
284 100
142 27.8 27.0 40.6
249 29.7 25.2 37.8





#69

Atrazine

Concen: 60.092 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

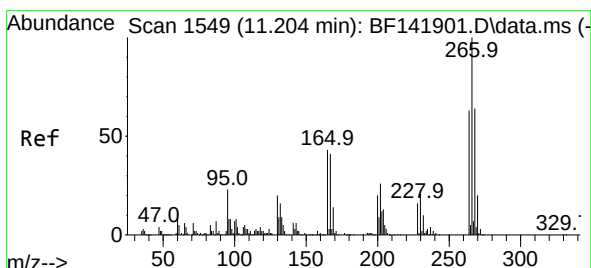
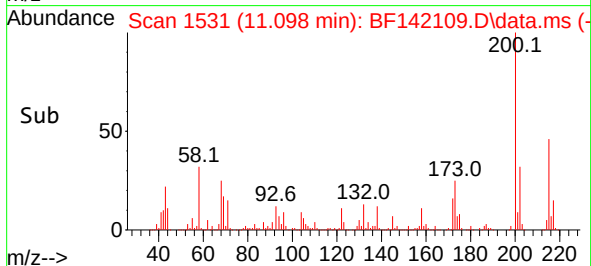
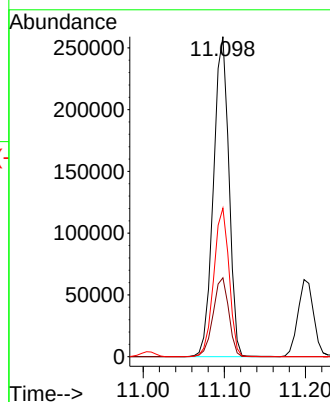
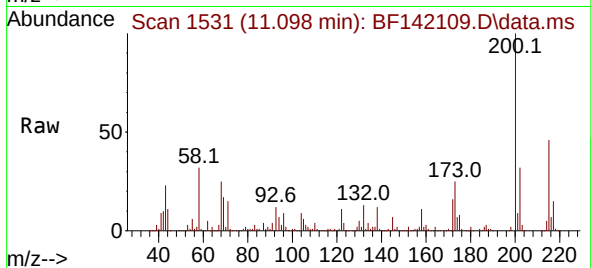
WC-5MSD

Tgt Ion:200 Resp: 34278
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.7 44.7
 215 46.4 25.4 65.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025



#70

Pentachlorophenol

Concen: 92.355 ng

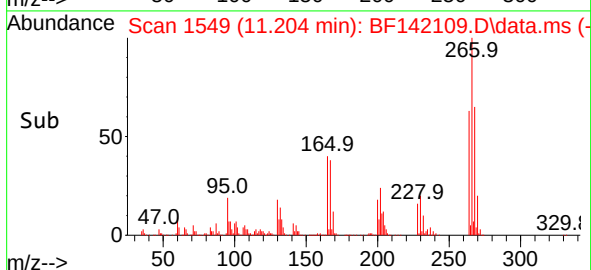
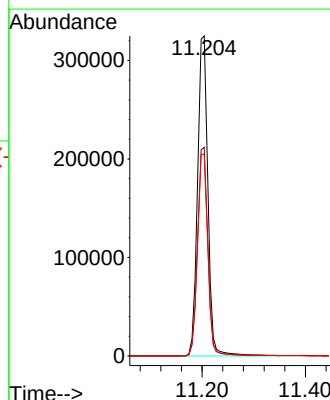
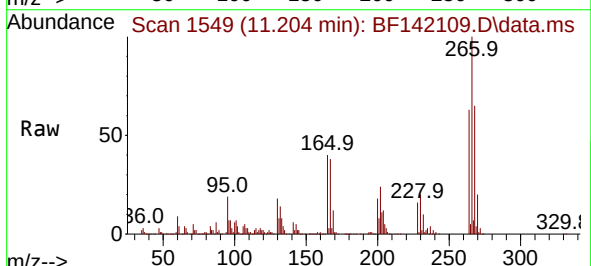
RT: 11.204 min Scan# 1549

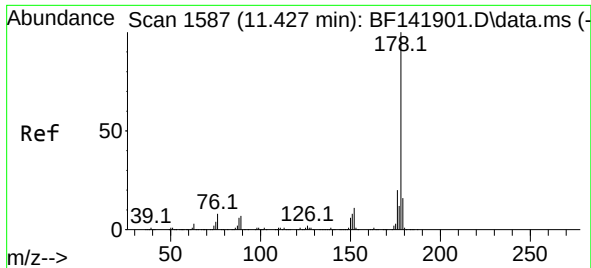
Delta R.T. 0.000 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Tgt Ion:266 Resp: 450681
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.0 76.6
 264 63.1 50.2 75.2





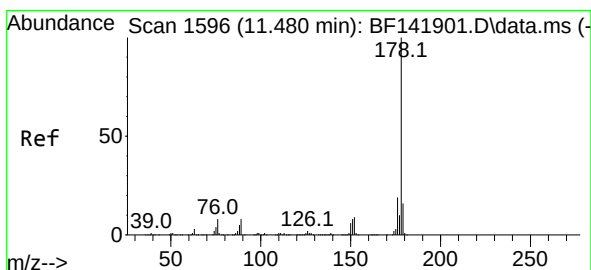
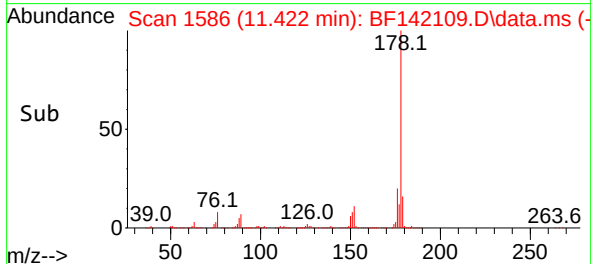
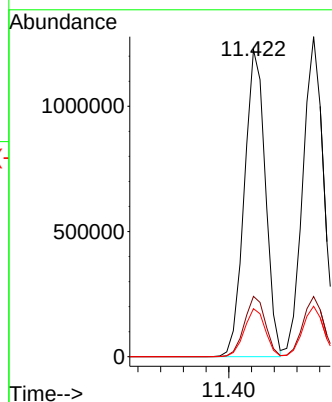
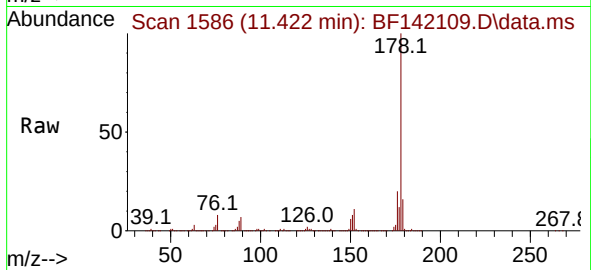
#71
Phenanthrene
Concen: 50.775 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Tgt Ion:178 Resp: 157697
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.6 12.6 19.0

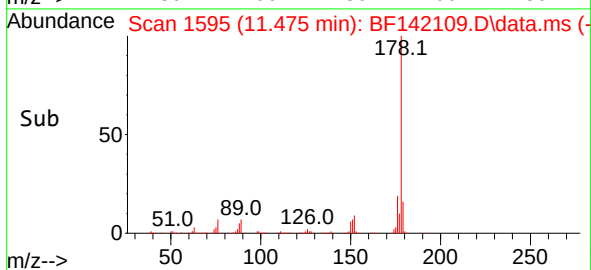
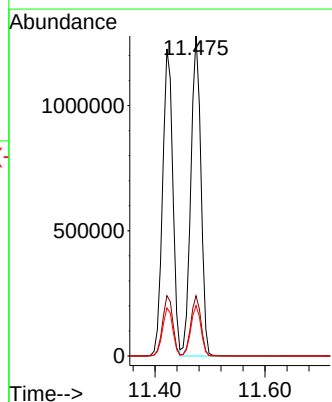
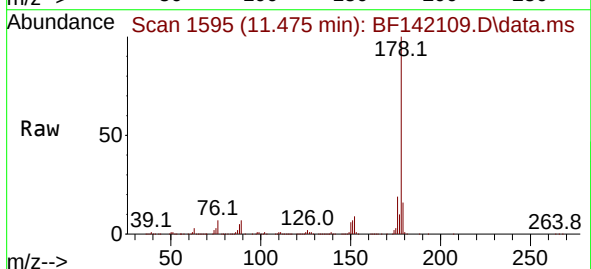
Manual Integrations
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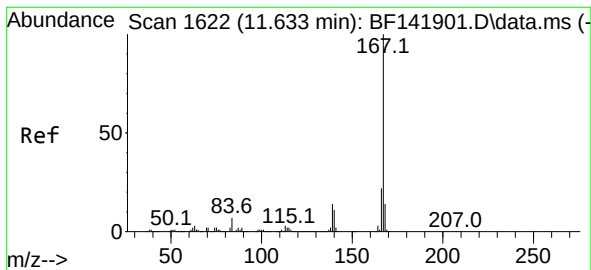
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#72
Anthracene
Concen: 51.990 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:178 Resp: 1619966
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.6 19.0





#73

Carbazole

Concen: 51.537 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:167 Resp: 138490

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

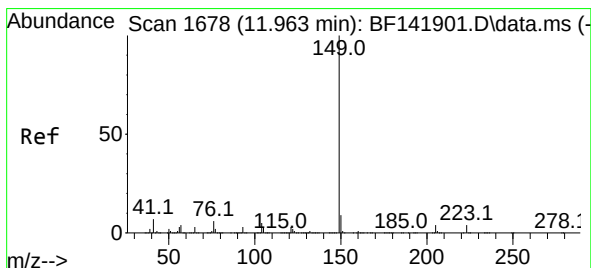
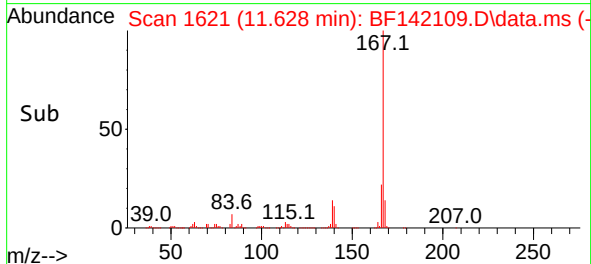
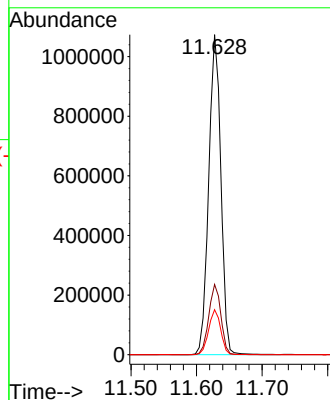
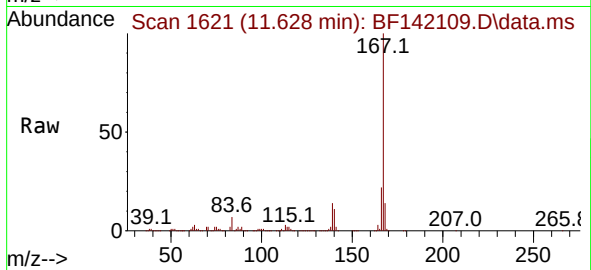
139 14.1 11.0 16.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#74

Di-n-butylphthalate

Concen: 47.485 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

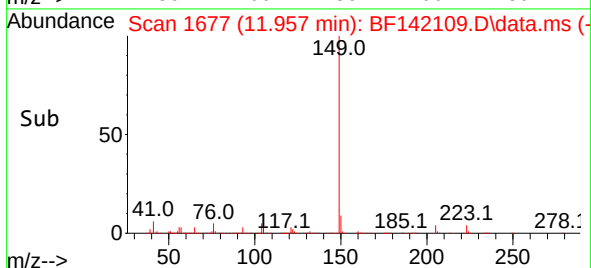
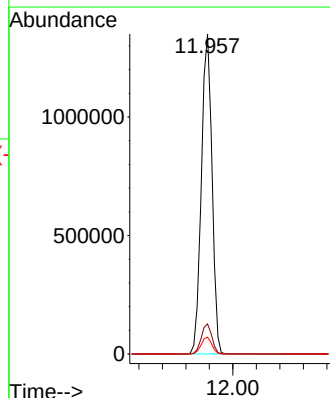
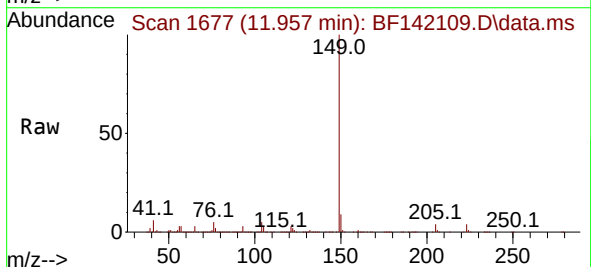
Tgt Ion:149 Resp: 1693130

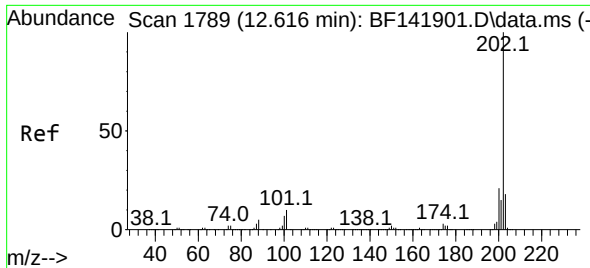
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

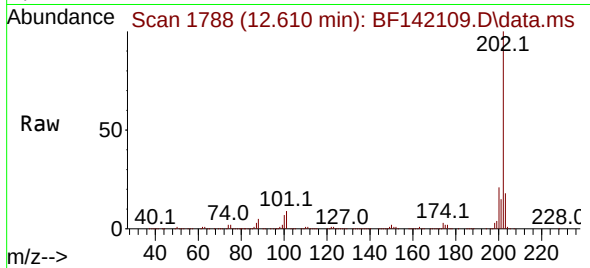
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 49.759 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

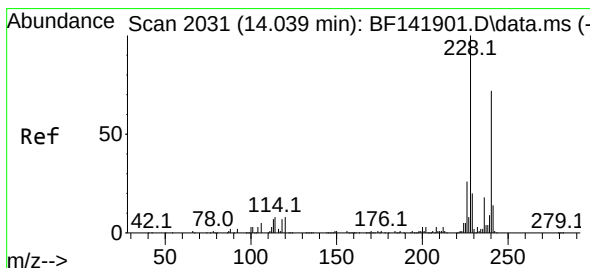
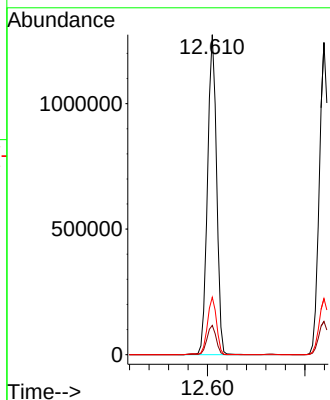
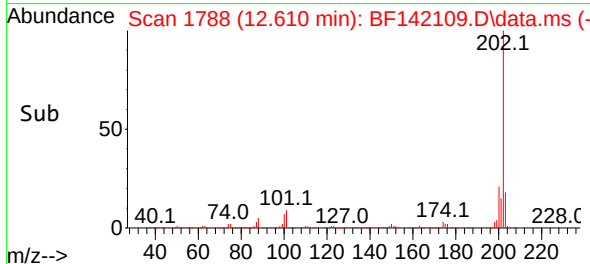
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



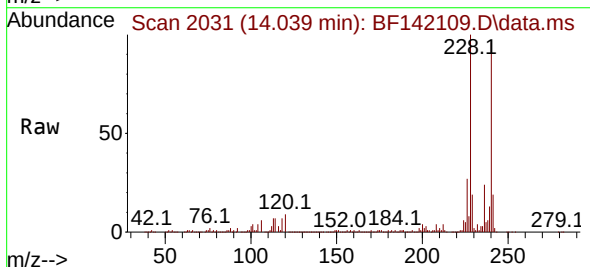
Tgt Ion:202 Resp: 1639300
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 18.0 0.0 37.8

Manual Integrations
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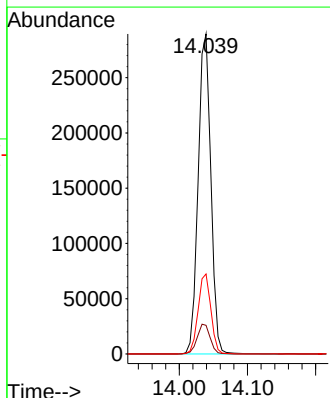
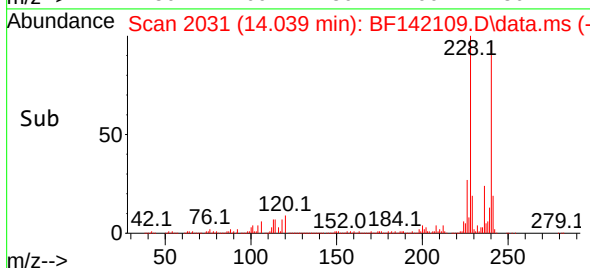
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

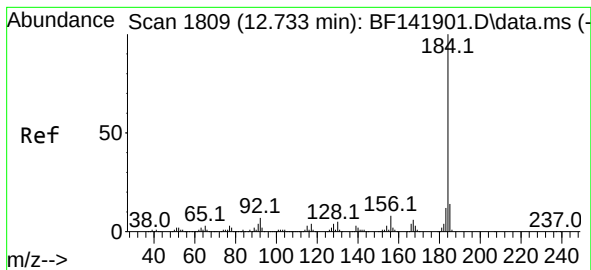


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07



Tgt Ion:240 Resp: 375129
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.0 20.5 30.7





#77

Benzidine

Concen: 94.735 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:184 Resp: 495819

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

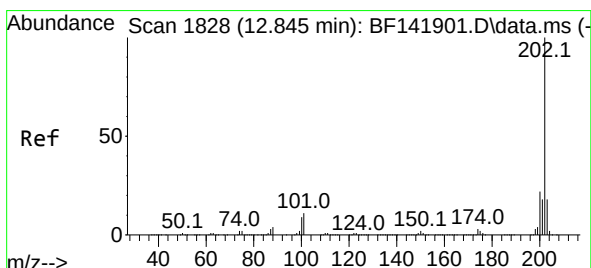
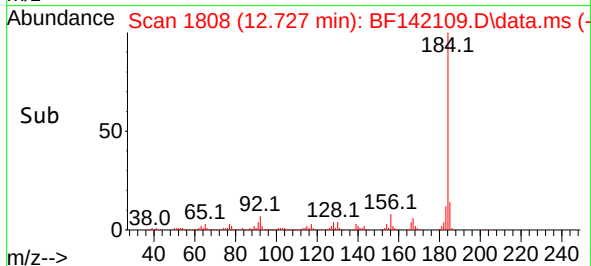
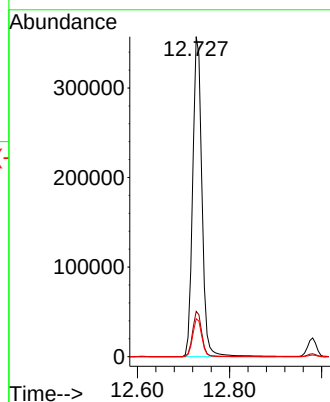
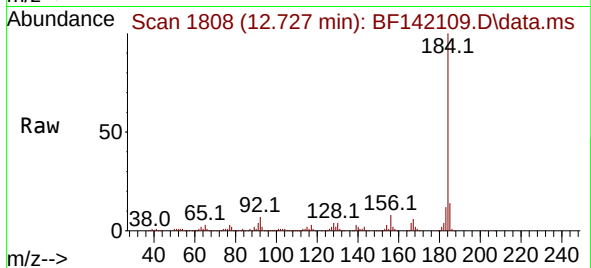
183 11.9 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#78

Pyrene

Concen: 49.881 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

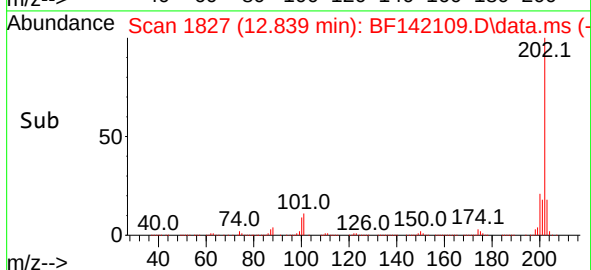
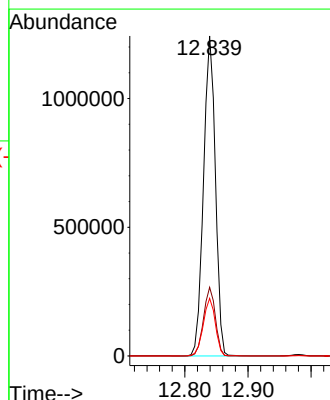
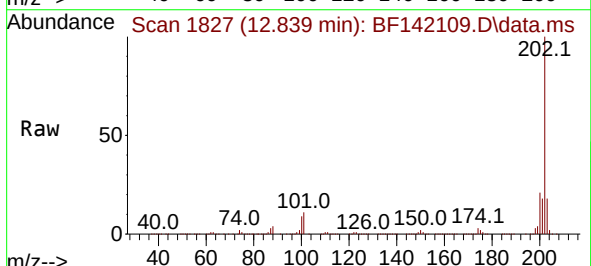
Tgt Ion:202 Resp: 1618593

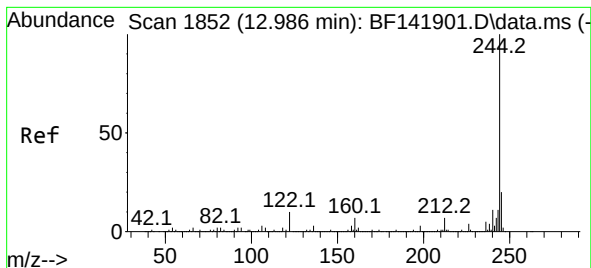
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 74.513 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142109.D

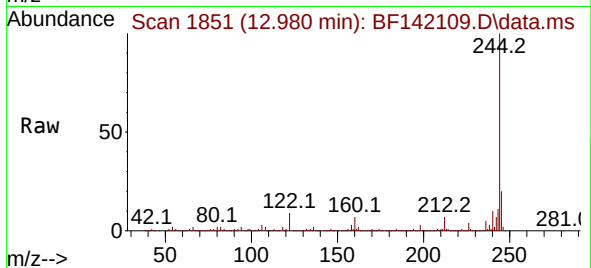
Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD



Tgt Ion:244 Resp: 189061

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

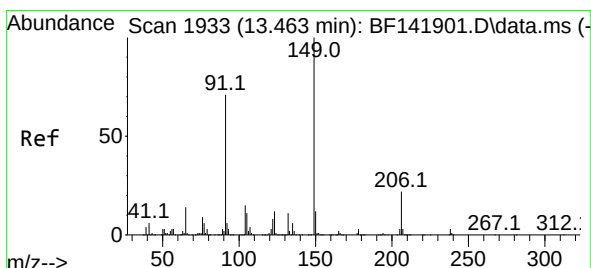
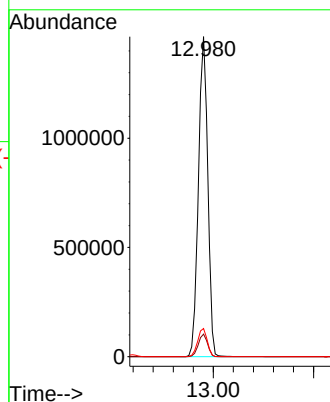
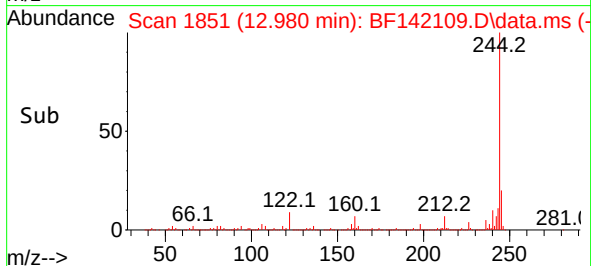
122 8.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#80

Butylbenzylphthalate

Concen: 47.035 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

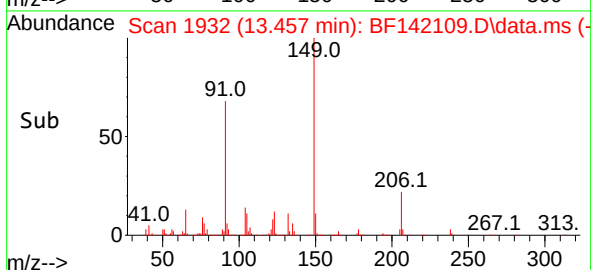
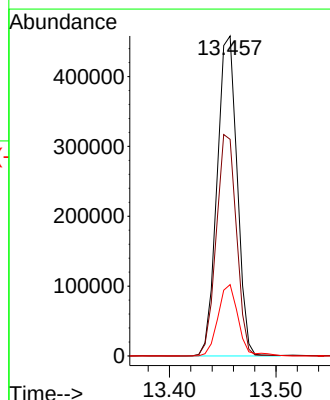
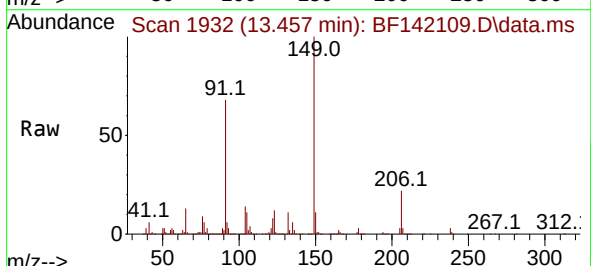
Tgt Ion:149 Resp: 597372

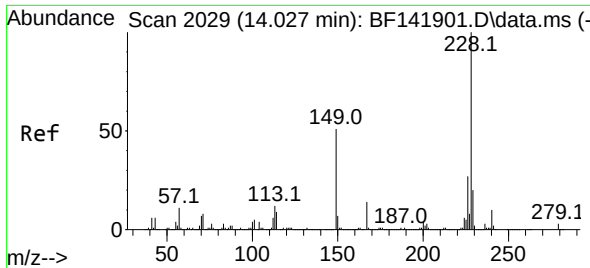
Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

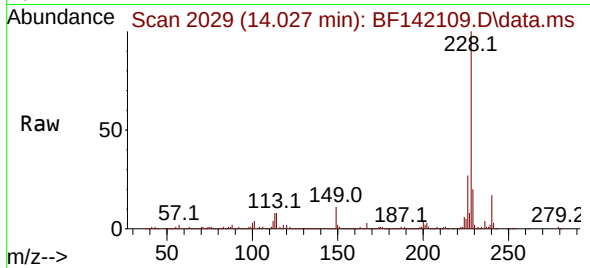
206 22.3 17.3 25.9





#81
Benzo(a)anthracene
Concen: 52.013 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

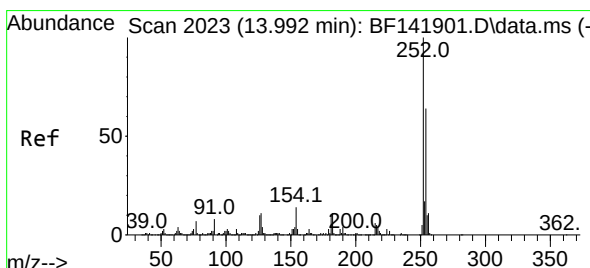
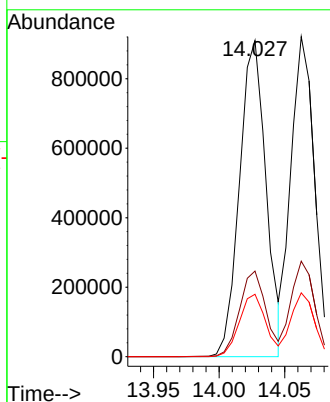
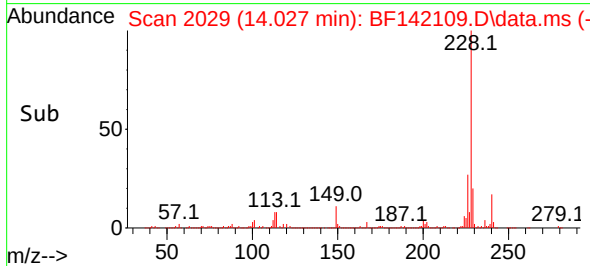
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:228 Resp: 1280354
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0

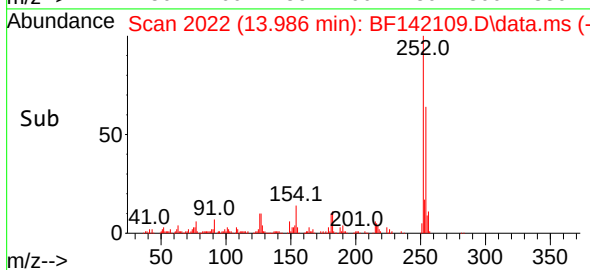
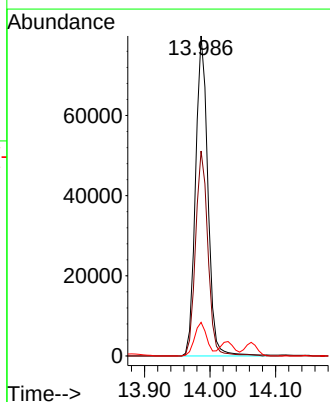
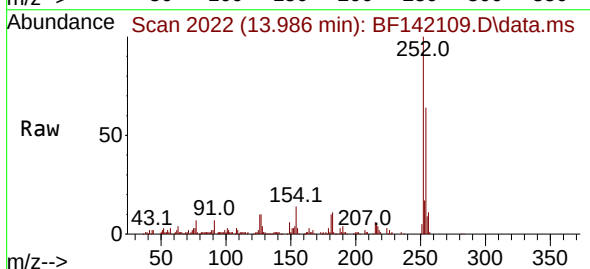
Manual Integrations
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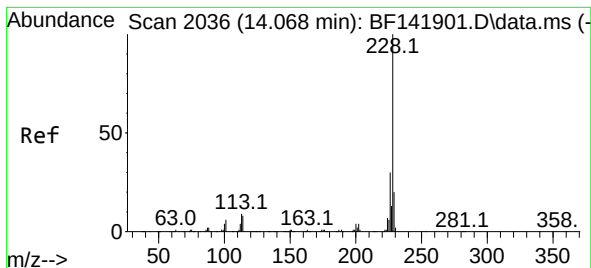
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 14.798 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:252 Resp: 105269
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.6
126 10.5 8.4 12.6





#83

Chrysene

Concen: 51.633 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

Instrument :

BNA_F

ClientSampleId :

WC-5MSD

Tgt Ion:228 Resp: 115212

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

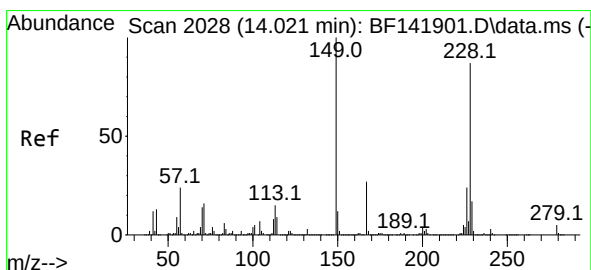
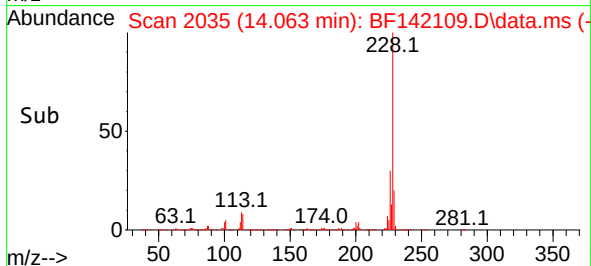
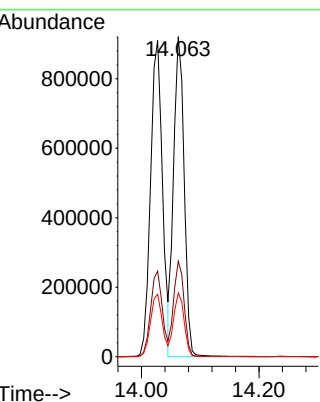
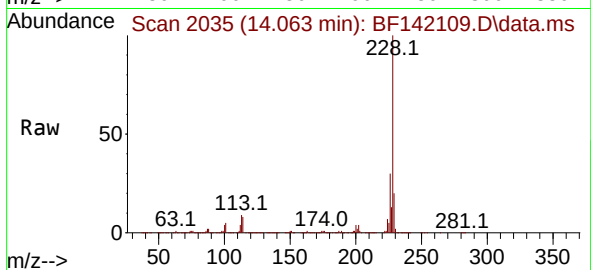
229 19.9 15.7 23.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/27/2025

Supervised By :Jagrut Upadhyay 03/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.220 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142109.D

Acq: 26 Mar 2025 21:07

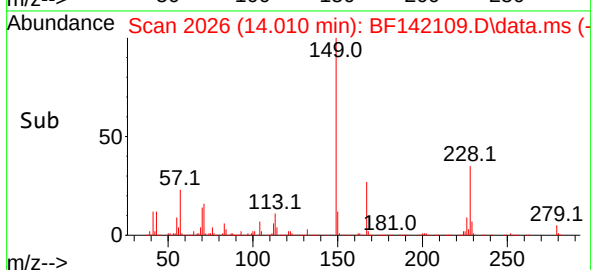
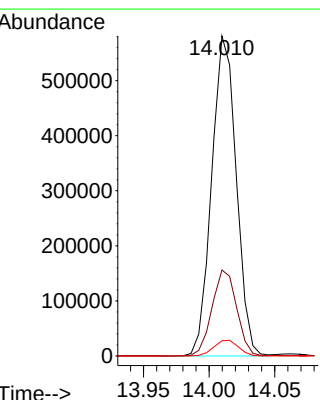
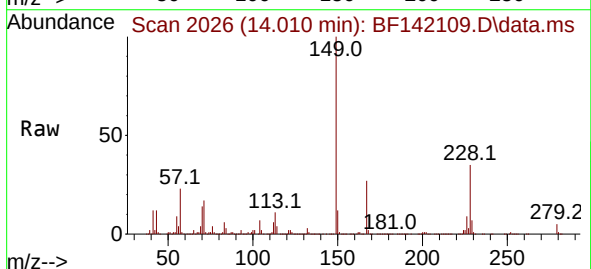
Tgt Ion:149 Resp: 756851

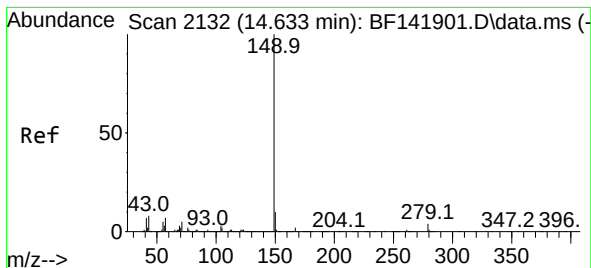
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

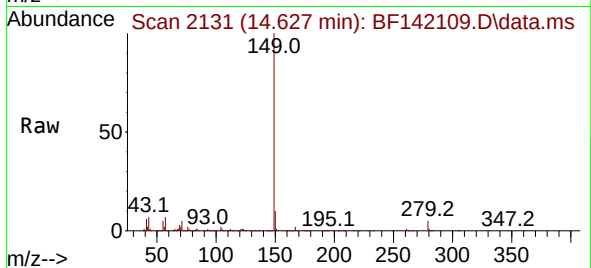
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 43.715 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

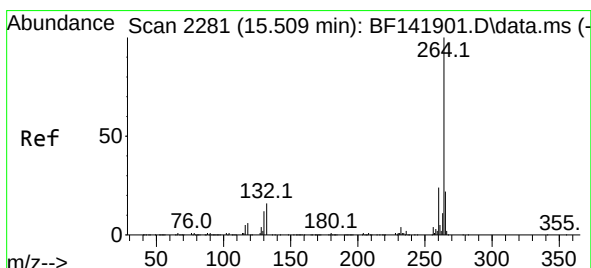
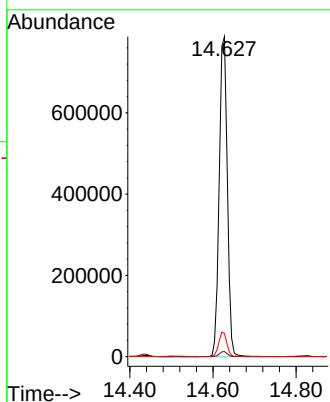
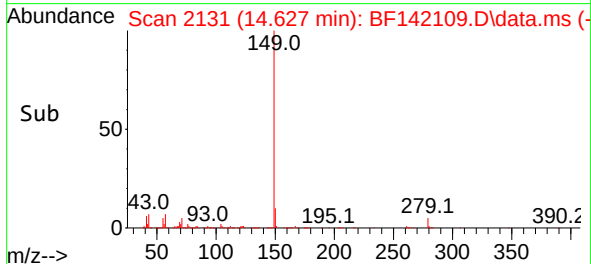
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:149 Resp: 1065129
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.6 6.9 10.3

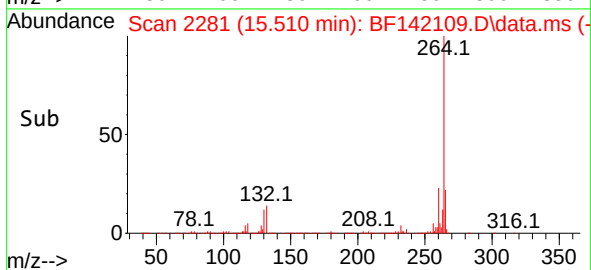
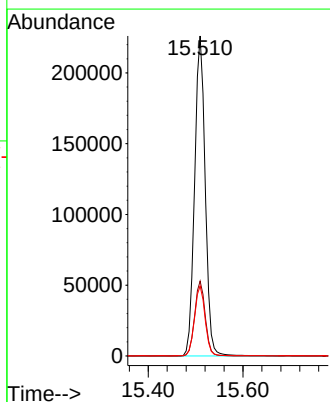
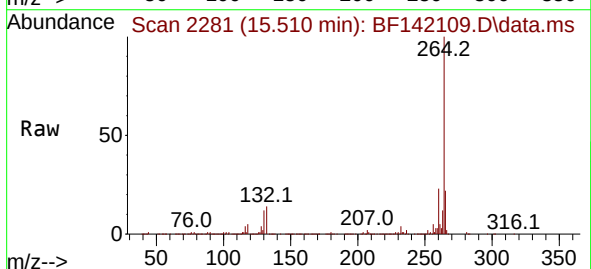
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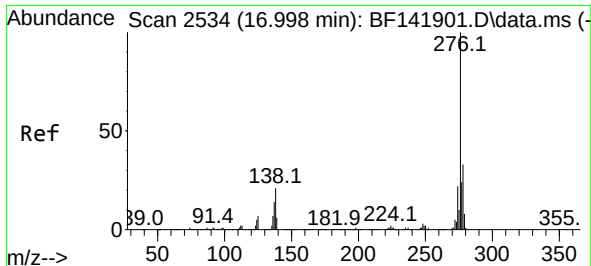
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

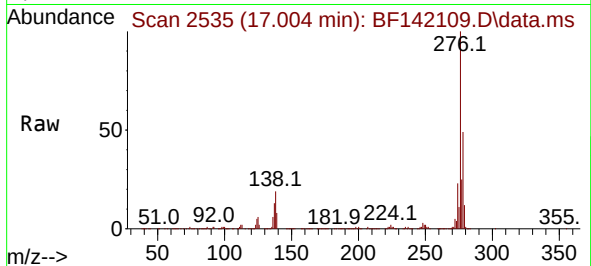
Tgt Ion:264 Resp: 351701
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.590 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

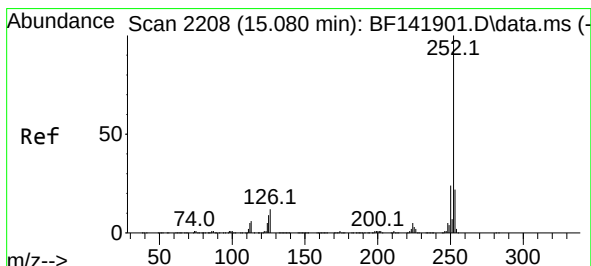
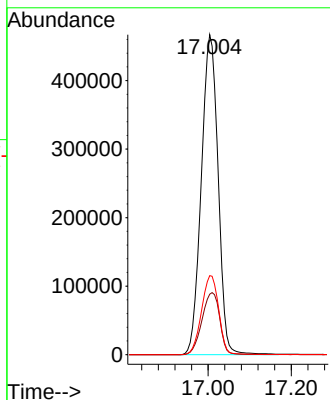
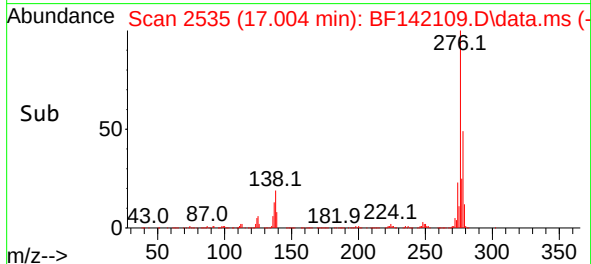
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:276 Resp: 1310224
Ion Ratio Lower Upper
276 100
138 20.5 18.4 27.6
277 25.3 20.3 30.5

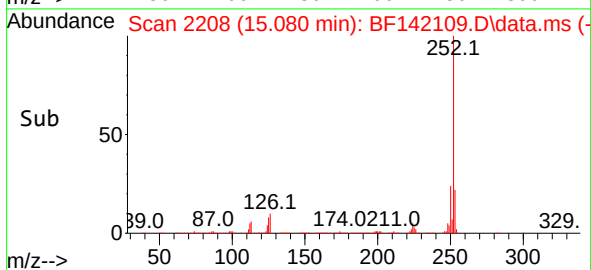
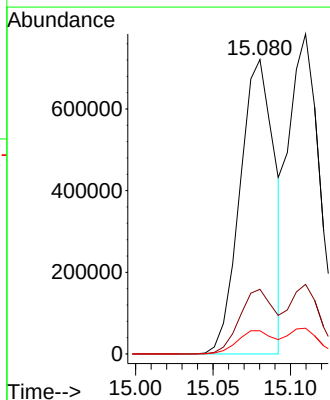
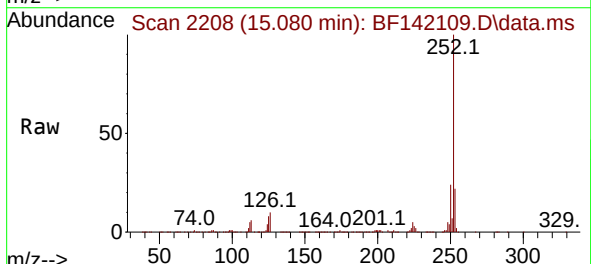
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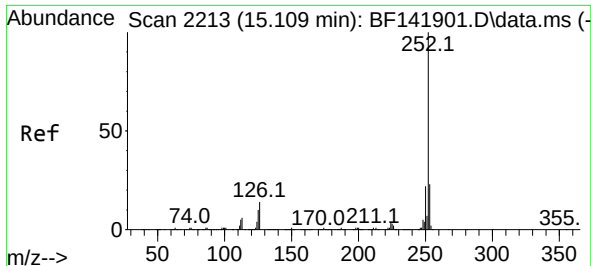
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#88
Benzo(b)fluoranthene
Concen: 46.365 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

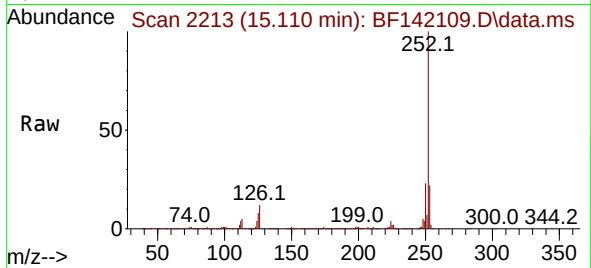
Tgt Ion:252 Resp: 1117596
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.9 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 51.960 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

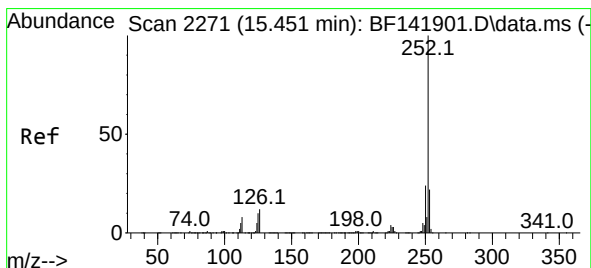
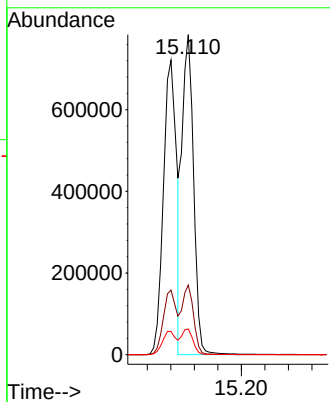
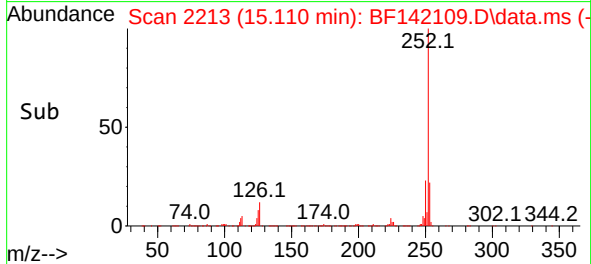
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:252 Resp: 1071810
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.1 7.2 10.8

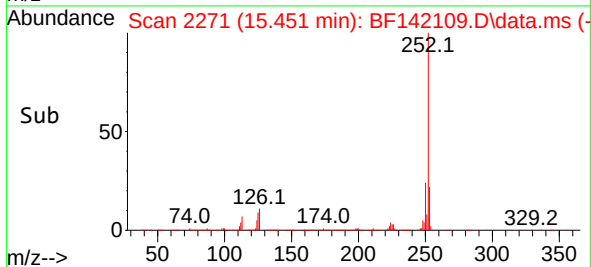
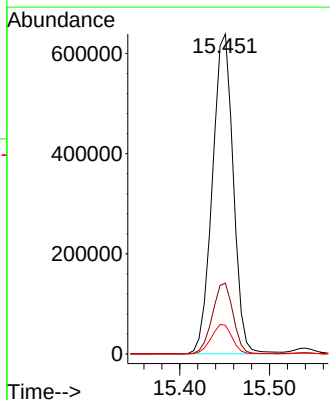
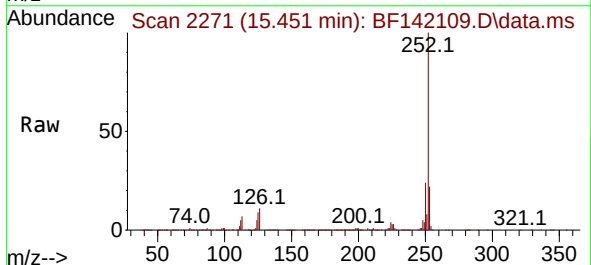
Manual Integrations
APPROVED

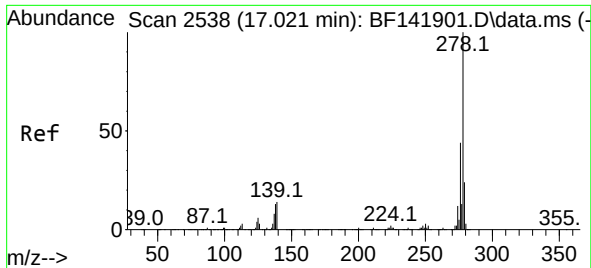
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#90
Benzo(a)pyrene
Concen: 54.695 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

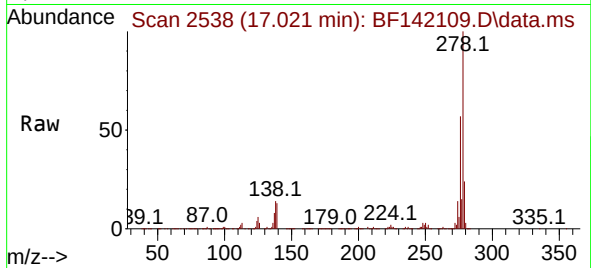
Tgt Ion:252 Resp: 1031576
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.9 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 56.659 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

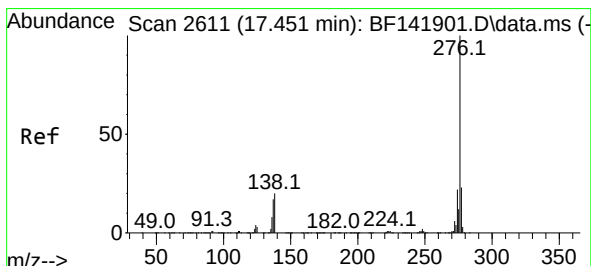
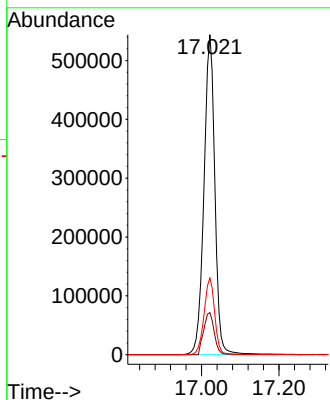
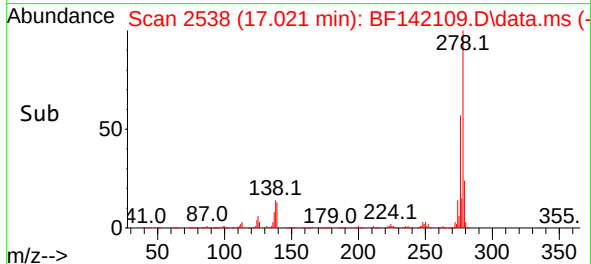
Instrument :
BNA_F
ClientSampleId :
WC-5MSD



Tgt Ion:278 Resp: 106356
Ion Ratio Lower Upper
278 100
139 13.2 11.4 17.2
279 24.0 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025



#92
Benzo(g,h,i)perylene
Concen: 55.657 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142109.D
Acq: 26 Mar 2025 21:07

Tgt Ion:276 Resp: 1032439
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 17.4 15.8 23.8

