

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142031.D
 Acq On : 21 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1619-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Mar 21 16:15:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142722	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	549166	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	296676	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	462025	20.000	ng	0.00
76) Chrysene-d12	14.039	240	293121	20.000	ng	0.00
86) Perylene-d12	15.509	264	346783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	645432	75.475	ng	0.00
7) Phenol-d6	6.498	99	878141	80.652	ng	0.00
23) Nitrobenzene-d5	7.434	82	565757	57.976	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	245925	65.341	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1130639	57.958	ng	-0.01
79) Terphenyl-d14	12.980	244	997860	50.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	163669	45.678	ng	97
3) Pyridine	3.475	79	361056	41.080	ng	97
4) n-Nitrosodimethylamine	3.422	42	179073	42.741	ng	98
6) Aniline	6.534	93	348198	32.418	ng	98
8) 2-Chlorophenol	6.657	128	423398	44.642	ng	99
9) Benzaldehyde	6.422	77	107231	17.609	ng	99
10) Phenol	6.516	94	497926	43.470	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	370618	43.090	ng	97
12) 1,3-Dichlorobenzene	6.816	146	460053	44.930	ng	99
13) 1,4-Dichlorobenzene	6.892	146	469814	45.349	ng	99
14) 1,2-Dichlorobenzene	7.045	146	447030	45.811	ng	99
15) Benzyl Alcohol	7.010	79	369633	41.993	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	415555	40.020	ng	98
17) 2-Methylphenol	7.122	107	333070	44.168	ng	98
18) Hexachloroethane	7.386	117	172699	44.454	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	275813	39.423	ng	99
20) 3+4-Methylphenols	7.275	107	414714	42.935	ng	# 86
22) Acetophenone	7.281	105	623794	47.432	ng	97
24) Nitrobenzene	7.457	77	426540	43.968	ng	97
25) Isophorone	7.692	82	770436	44.664	ng	100
26) 2-Nitrophenol	7.769	139	225002	47.256	ng	99
27) 2,4-Dimethylphenol	7.804	122	353172	53.869	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	463972	42.884	ng	99
29) 2,4-Dichlorophenol	8.010	162	357862	43.976	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	401990	44.825	ng	99
31) Naphthalene	8.181	128	1217470	43.158	ng	100
32) Benzoic acid	7.875	122	83555	14.498	ng	97
33) 4-Chloroaniline	8.222	127	221621	22.255	ng	99
34) Hexachlorobutadiene	8.292	225	275770	47.153	ng	98
35) Caprolactam	8.586	113	96963m	39.083	ng	
36) 4-Chloro-3-methylphenol	8.704	107	374829	41.292	ng	98
37) 2-Methylnaphthalene	8.869	142	778103	41.266	ng	99
38) 1-Methylnaphthalene	8.969	142	765733	42.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	467337	51.739	ng	99
41) Hexachlorocyclopentadiene	9.022	237	554563	156.878	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	266551	45.154	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142031.D
 Acq On : 21 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1619-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Mar 21 16:15:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	276036	46.170	ng	98
46) 1,1'-Biphenyl	9.333	154	1129914	50.125	ng	100
47) 2-Chloronaphthalene	9.357	162	767593	45.686	ng	99
48) 2-Nitroaniline	9.451	65	216289	44.460	ng	99
49) Acenaphthylene	9.775	152	1181483	47.386	ng	100
50) Dimethylphthalate	9.633	163	910616	43.831	ng	100
51) 2,6-Dinitrotoluene	9.692	165	196340	45.390	ng	95
52) Acenaphthene	9.945	154	824657	47.065	ng	100
53) 3-Nitroaniline	9.863	138	124863	28.457	ng	96
54) 2,4-Dinitrophenol	9.969	184	135711	57.254	ng	# 48
55) Dibenzofuran	10.116	168	1080780	43.168	ng	99
56) 4-Nitrophenol	10.022	139	278553	84.181	ng	97
57) 2,4-Dinitrotoluene	10.098	165	259399	45.913	ng	98
58) Fluorene	10.463	166	845984	43.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	227965	41.902	ng	99
60) Diethylphthalate	10.333	149	872987	42.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	446132	44.321	ng	97
62) 4-Nitroaniline	10.475	138	167740	39.267	ng	99
63) Azobenzene	10.610	77	829379	43.063	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	110052	39.956	ng	96
66) n-Nitrosodiphenylamine	10.569	169	713529	47.723	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	277127	47.760	ng	99
68) Hexachlorobenzene	11.010	284	311628	48.967	ng	94
69) Atrazine	11.098	200	268417	58.562	ng	99
70) Pentachlorophenol	11.198	266	318410	81.205	ng	100
71) Phenanthrene	11.422	178	1350559	54.119	ng	99
72) Anthracene	11.474	178	1205664	48.156	ng	100
73) Carbazole	11.627	167	966906	44.781	ng	100
74) Di-n-butylphthalate	11.957	149	1242662	43.374	ng	99
75) Fluoranthene	12.610	202	1358516	51.319	ng	100
77) Benzidine	12.727	184	244105	59.689	ng	99
78) Pyrene	12.839	202	1309840	51.659	ng	99
80) Butylbenzylphthalate	13.457	149	416759	41.994	ng	97
81) Benzo(a)anthracene	14.027	228	1012789	52.654	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	179128	32.226	ng	98
83) Chrysene	14.063	228	894586	51.308	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	574599	41.993	ng	100
85) Di-n-octyl phthalate	14.627	149	955796	50.202	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1097223	48.911	ng	97
88) Benzo(b)fluoranthene	15.080	252	1086548	45.717	ng	99
89) Benzo(k)fluoranthene	15.110	252	961182	47.258	ng	99
90) Benzo(a)pyrene	15.451	252	996975	53.610	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	852575	46.063	ng	98
92) Benzo(g,h,i)perylene	17.451	276	841679	46.017	ng	98

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

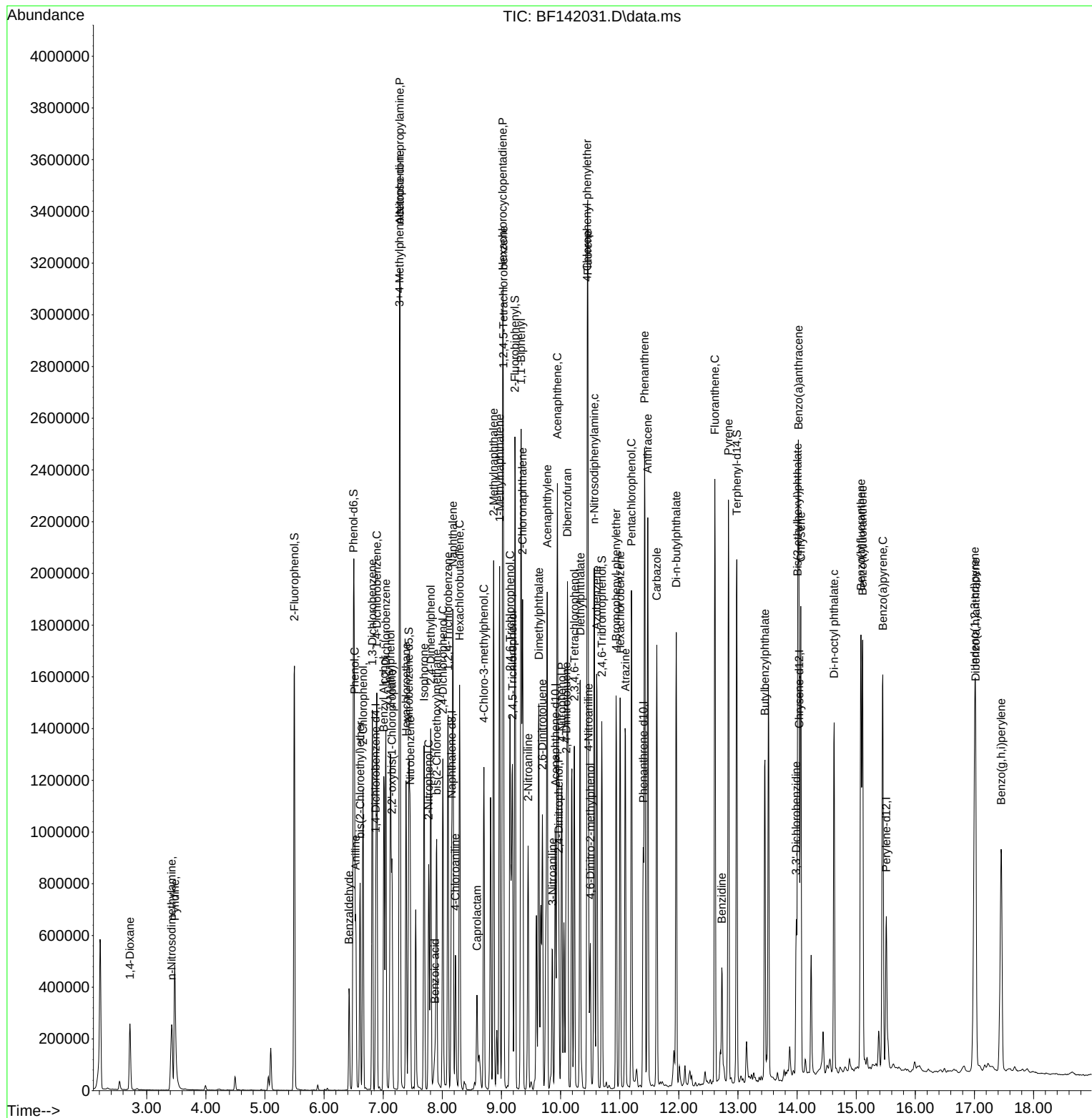
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142031.D
Acq On : 21 Mar 2025 15:51
Operator : RC/JU
Sample : Q1619-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

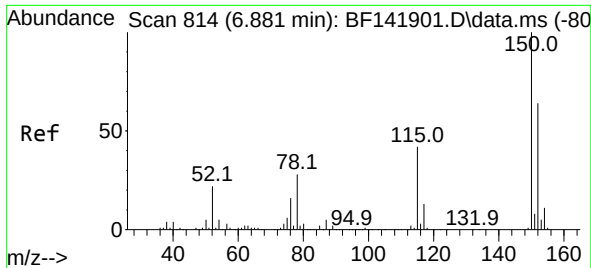
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: Mar 21 16:15:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

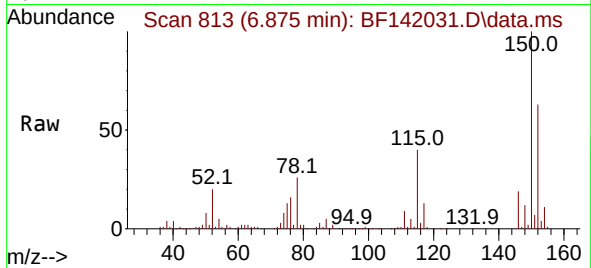
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

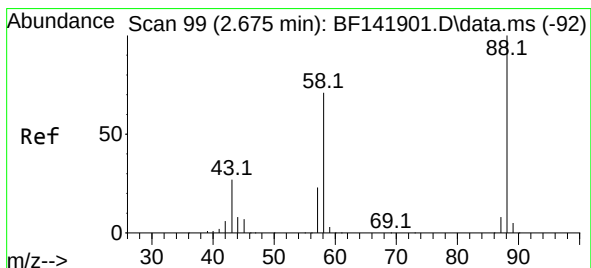
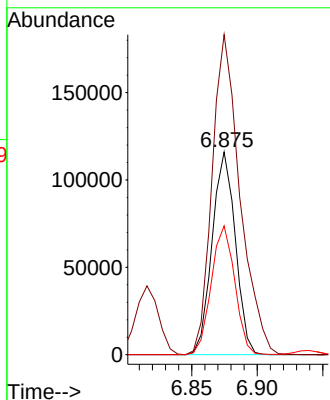
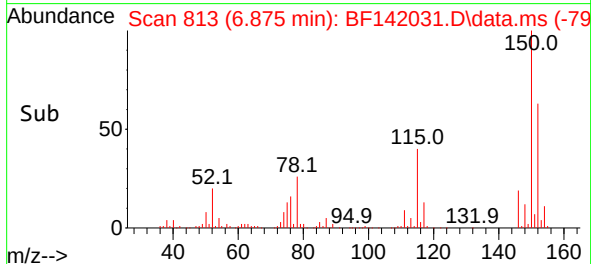
Instrument :
BNA_F
ClientSampleId :
TP-3MS



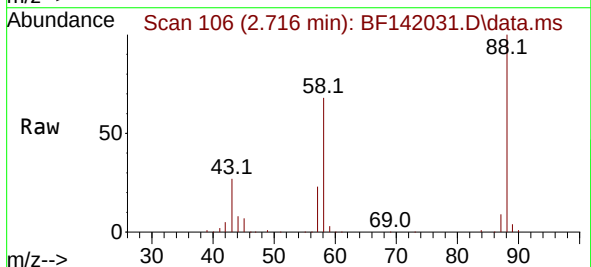
Tgt Ion:152 Resp: 14272
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.2
115 63.6 51.9 77.9

Manual Integrations
APPROVED

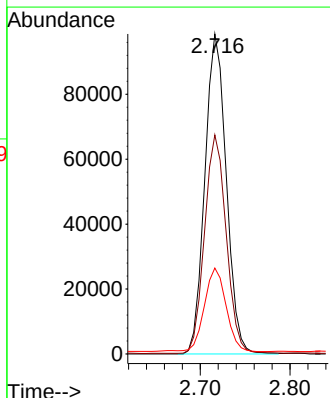
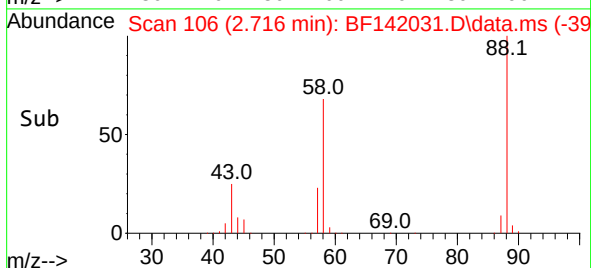
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

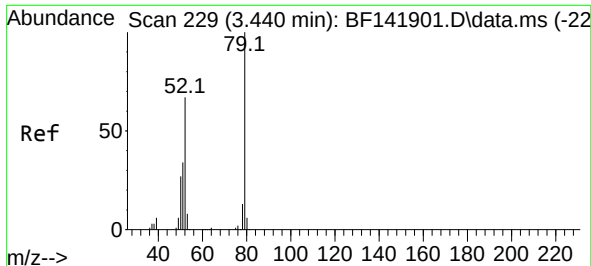


#2
1,4-Dioxane
Concen: 45.678 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.041 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



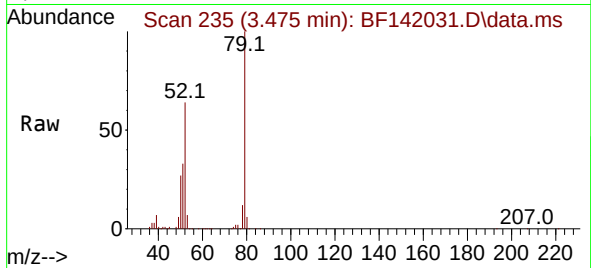
Tgt Ion: 88 Resp: 163669
Ion Ratio Lower Upper
88 100
58 68.7 57.4 86.2
43 26.5 21.5 32.3





#3
Pyridine
Concen: 41.080 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

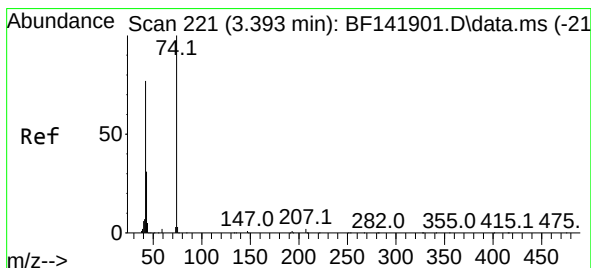
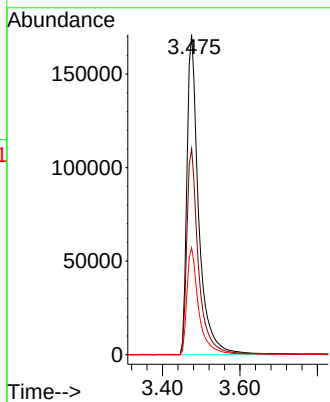
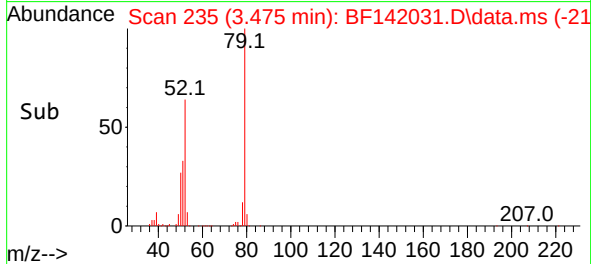
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 361050
Ion Ratio Lower Upper
79 100
52 64.3 53.3 79.9
51 33.4 27.6 41.4

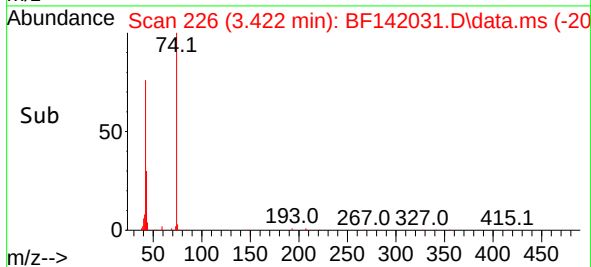
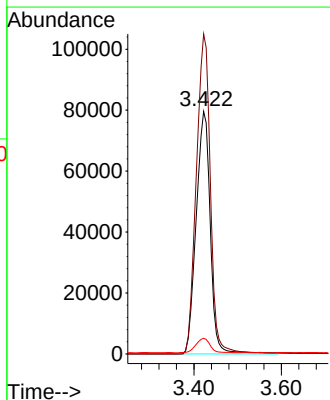
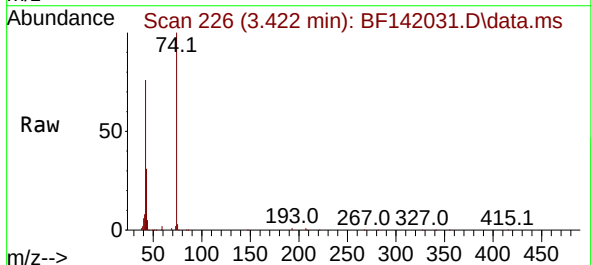
Manual Integrations
APPROVED

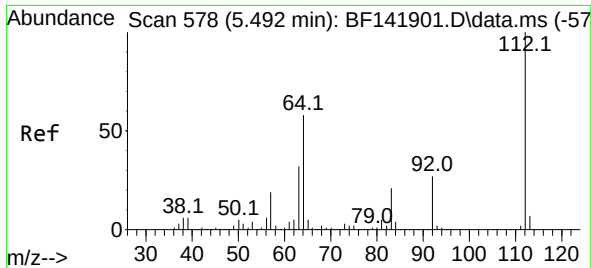
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#4
n-Nitrosodimethylamine
Concen: 42.741 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.029 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 42 Resp: 179073
Ion Ratio Lower Upper
42 100
74 131.9 103.4 155.0
44 6.5 5.0 7.4





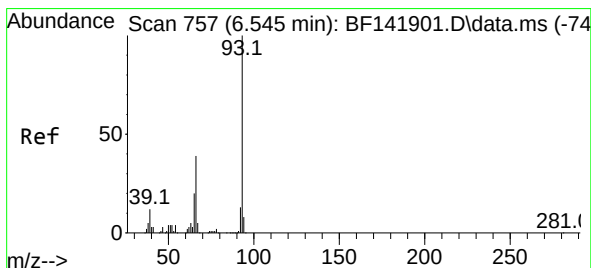
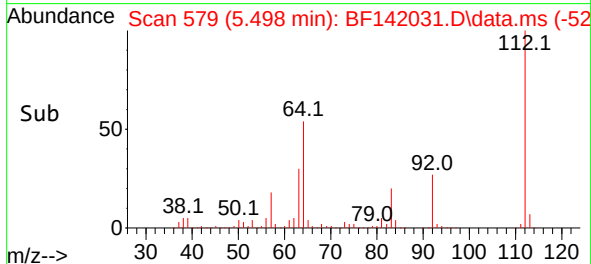
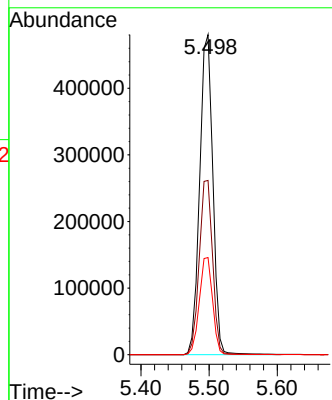
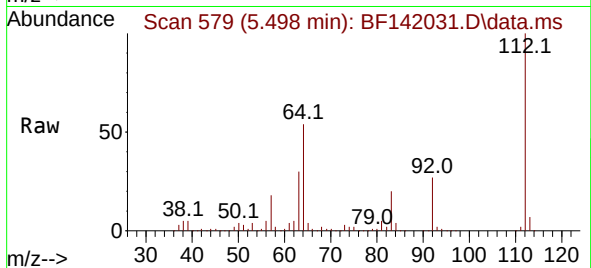
#5
2-Fluorophenol
Concen: 75.475 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:112 Resp: 64543
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.4 25.4 38.2

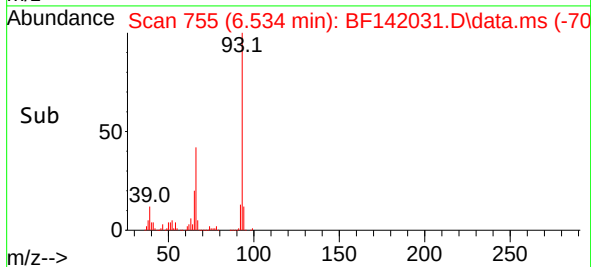
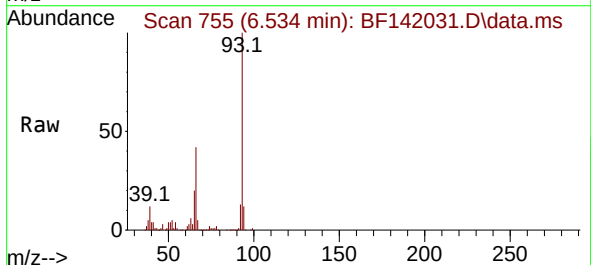
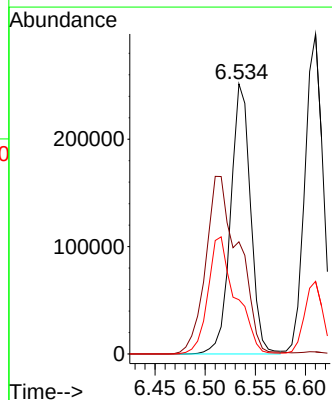
Manual Integrations
APPROVED

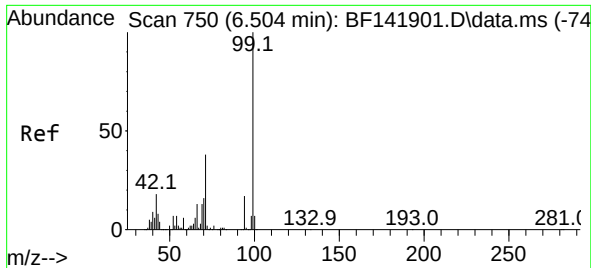
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#6
Aniline
Concen: 32.418 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 93 Resp: 348198
Ion Ratio Lower Upper
93 100
66 41.6 31.9 47.9
65 20.1 15.8 23.6





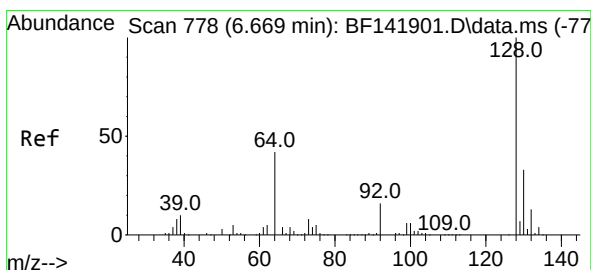
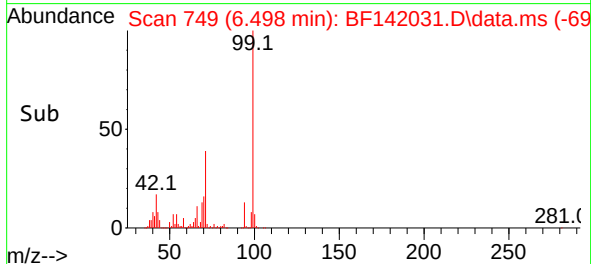
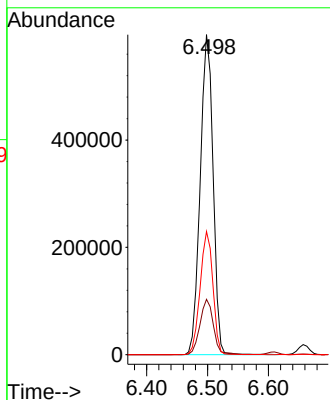
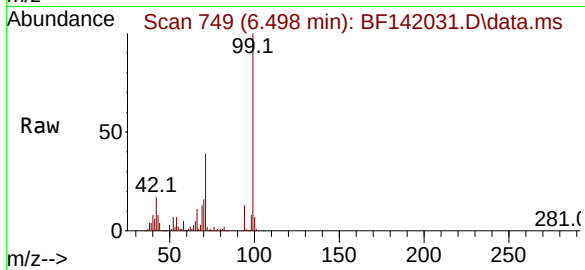
#7
Phenol-d6
Concen: 80.652 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 99 Resp: 87814
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.5 30.8 46.2

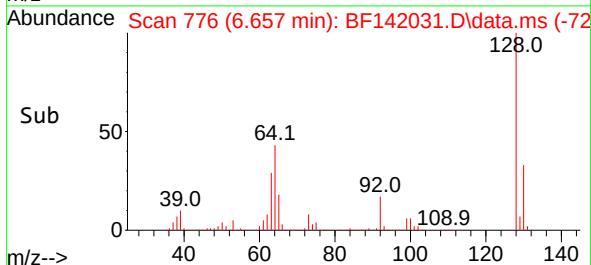
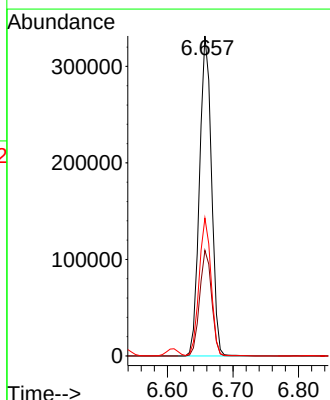
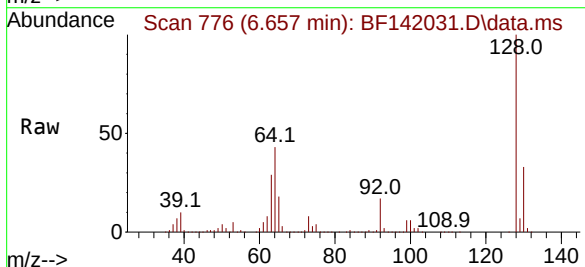
Manual Integrations
APPROVED

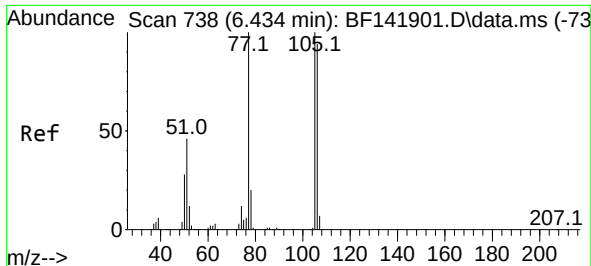
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#8
2-Chlorophenol
Concen: 44.642 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

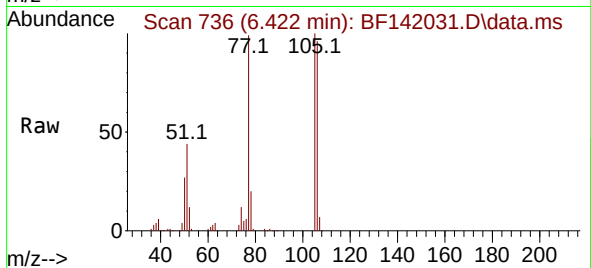
Tgt Ion:128 Resp: 423398
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.1 24.4 64.4





#9
Benzaldehyde
Concen: 17.609 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

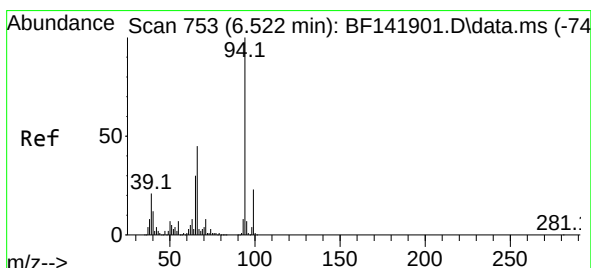
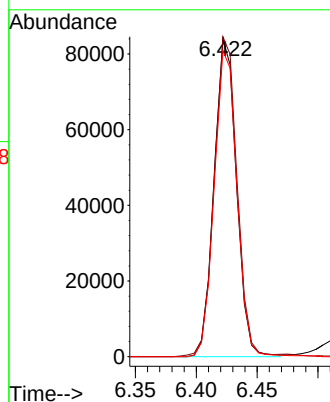
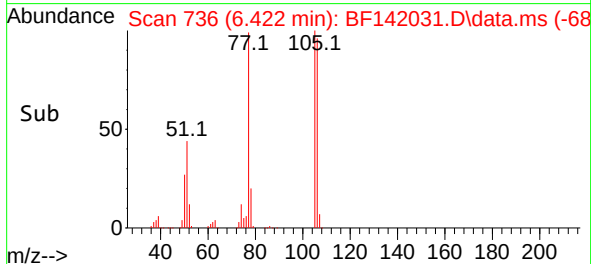
Instrument :
BNA_F
ClientSampleId :
TP-3MS



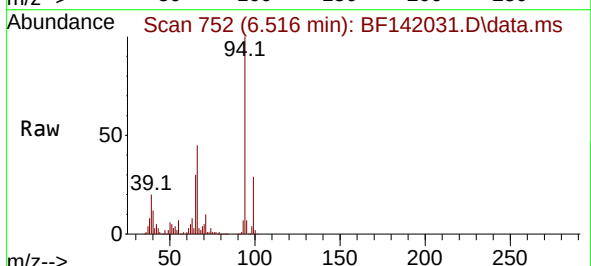
Tgt Ion: 77 Resp: 10723
Ion Ratio Lower Upper
77 100
105 100.8 80.0 120.0
106 96.4 74.5 114.5

Manual Integrations
APPROVED

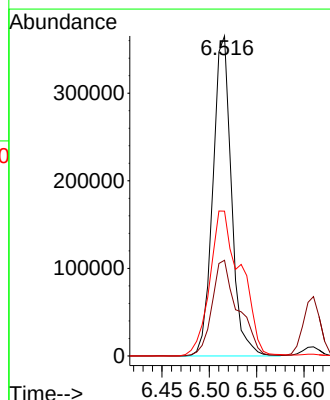
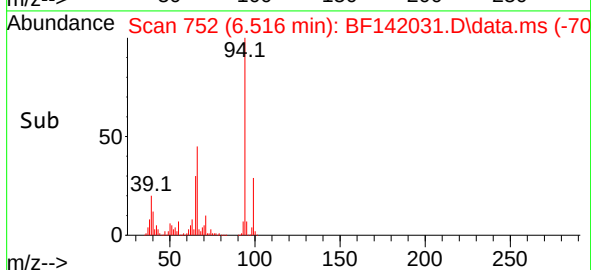
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

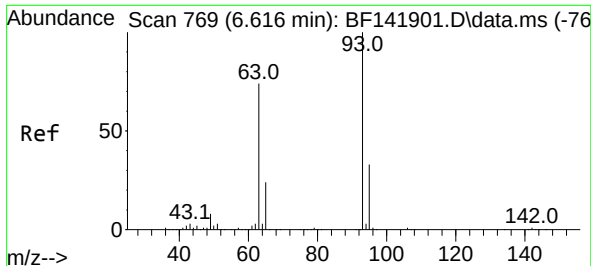


#10
Phenol
Concen: 43.470 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



Tgt Ion: 94 Resp: 497926
Ion Ratio Lower Upper
94 100
65 29.9 10.5 50.5
66 45.2 25.8 65.8





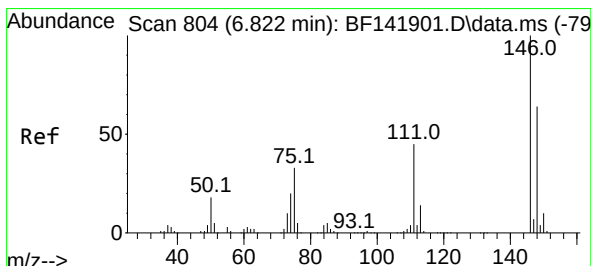
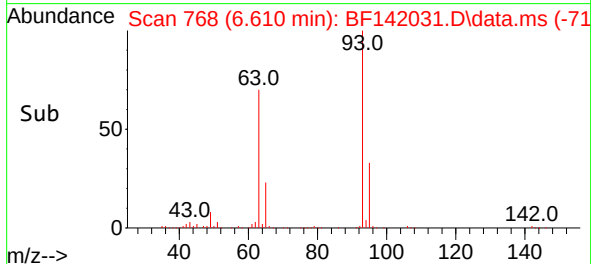
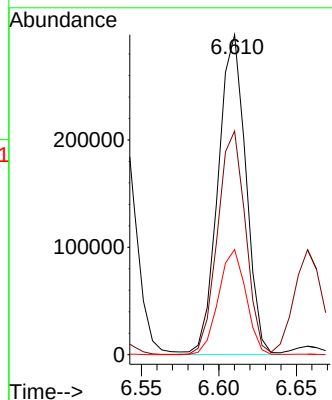
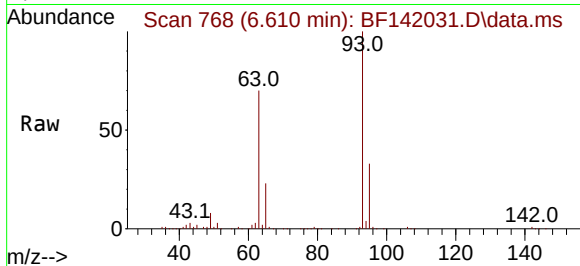
#11
bis(2-Chloroethyl)ether
Concen: 43.090 ng
RT: 6.610 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 93 Resp: 370618
Ion Ratio Lower Upper
93 100
63 69.9 53.0 93.0
95 32.8 12.9 52.9

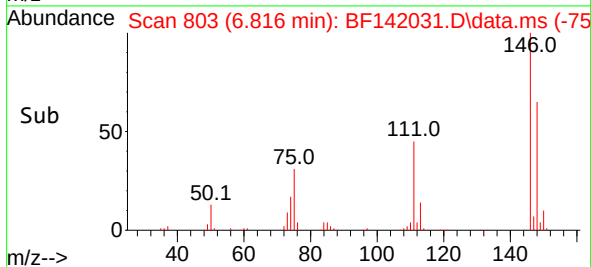
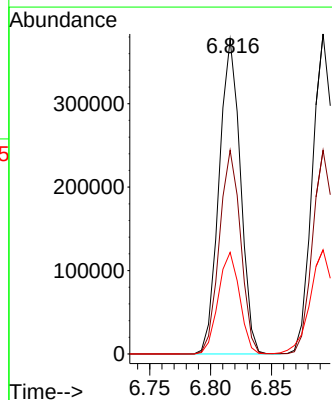
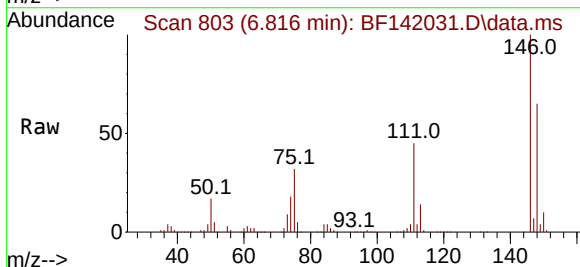
Manual Integrations
APPROVED

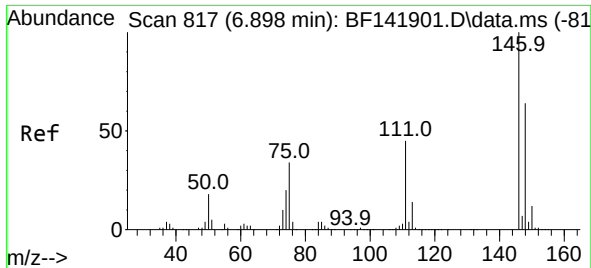
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#12
1,3-Dichlorobenzene
Concen: 44.930 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:146 Resp: 460053
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 32.3 26.6 40.0





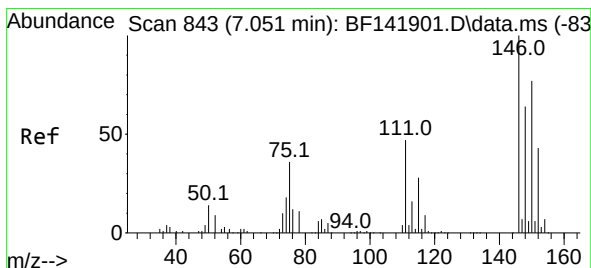
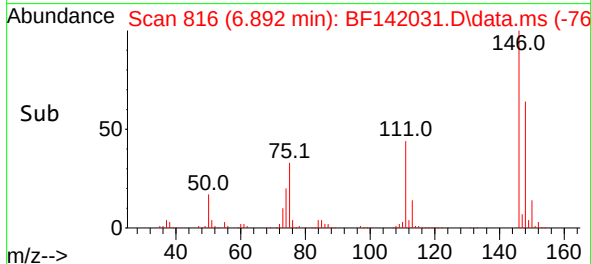
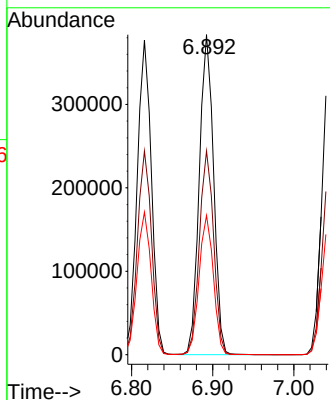
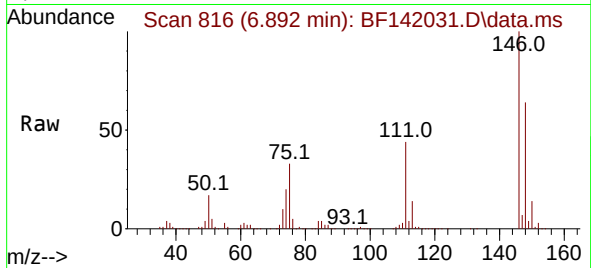
#13
1,4-Dichlorobenzene
Concen: 45.349 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:146 Resp: 469814
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.5 35.7 53.5

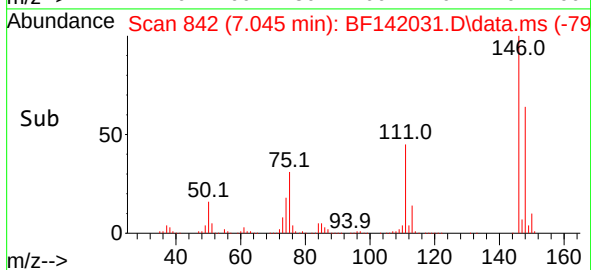
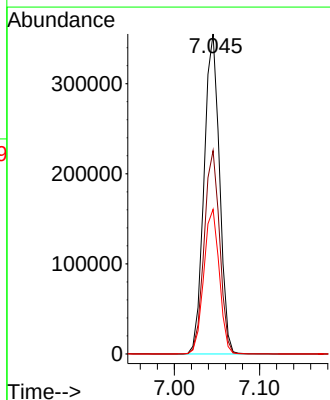
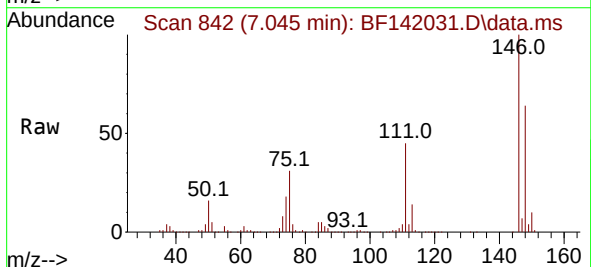
Manual Integrations
APPROVED

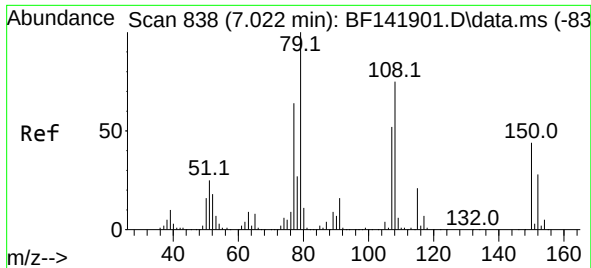
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#14
1,2-Dichlorobenzene
Concen: 45.811 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

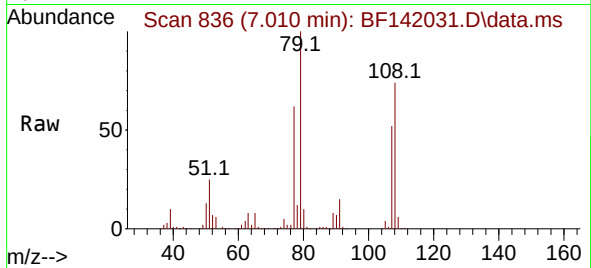
Tgt Ion:146 Resp: 447030
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 45.2 38.0 57.0





#15
Benzyl Alcohol
Concen: 41.993 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

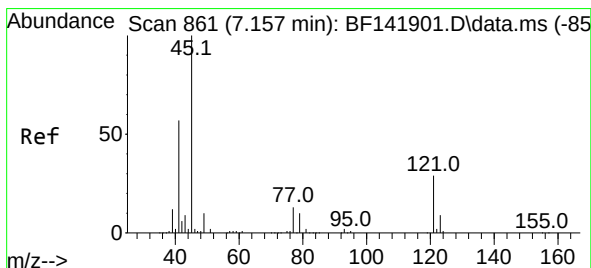
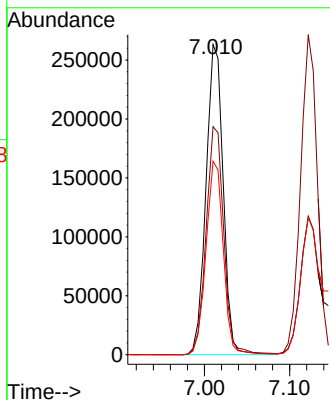
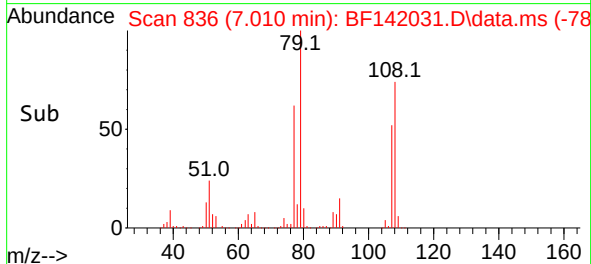
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 36963
Ion Ratio Lower Upper
79 100
108 73.6 59.7 89.5
77 62.4 51.0 76.6

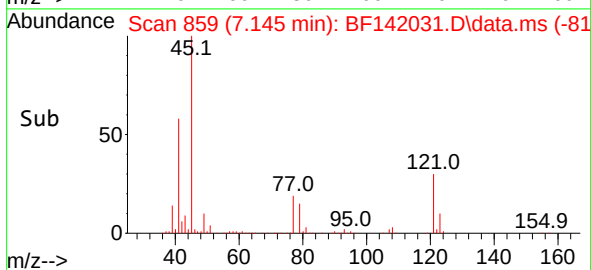
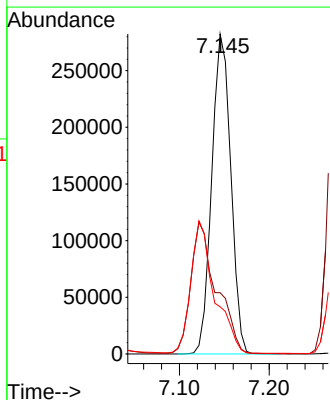
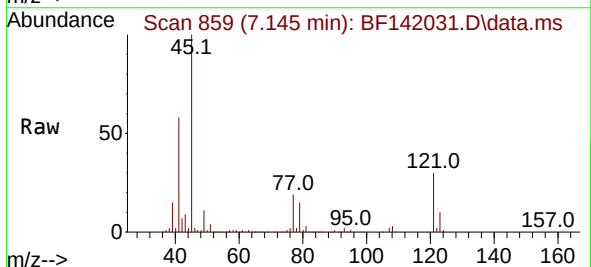
Manual Integrations
APPROVED

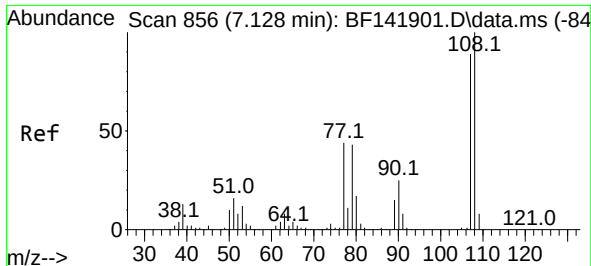
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.020 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

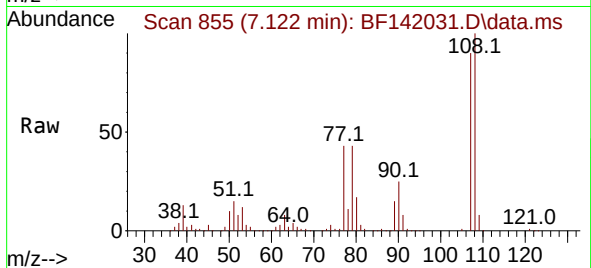
Tgt Ion: 45 Resp: 415555
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.8
79 14.7 0.0 34.2





#17
2-Methylphenol
Concen: 44.168 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

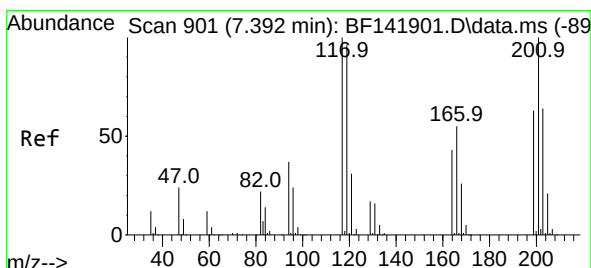
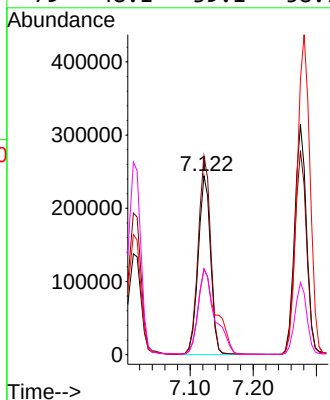
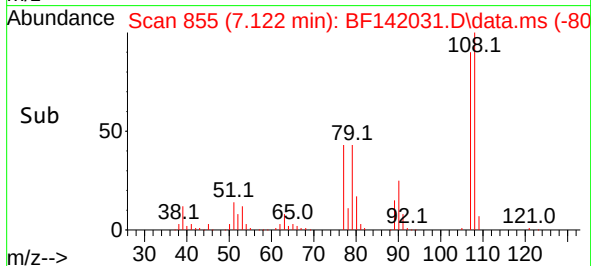
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 333070
Ion Ratio Lower Upper
107 100
108 111.1 90.2 135.2
77 47.6 39.6 59.4
79 48.1 39.1 58.7

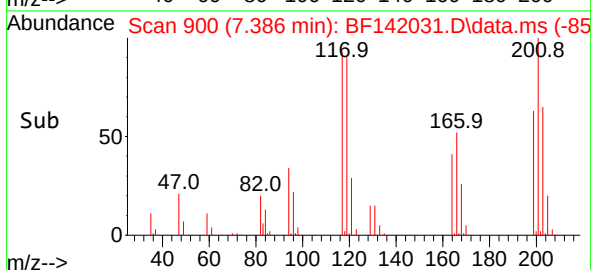
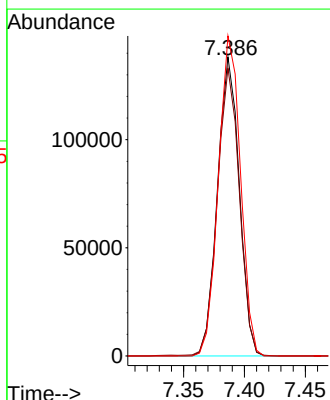
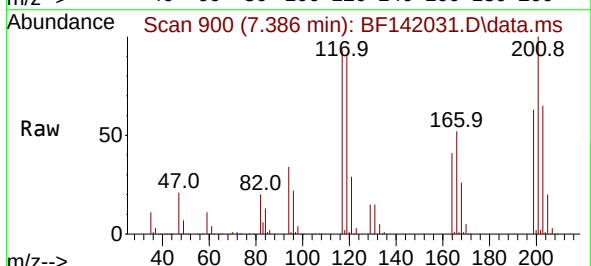
Manual Integrations
APPROVED

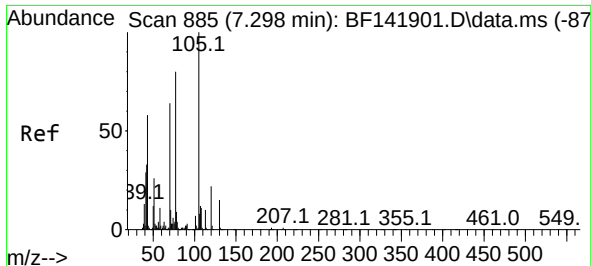
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#18
Hexachloroethane
Concen: 44.454 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

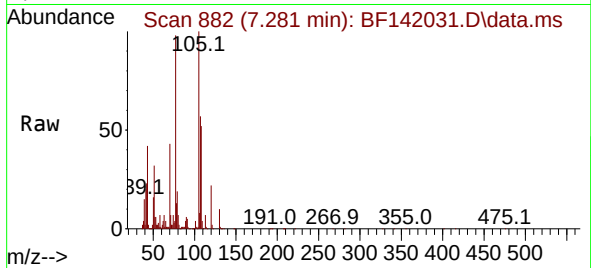
Tgt Ion:117 Resp: 172699
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 107.1 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.423 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

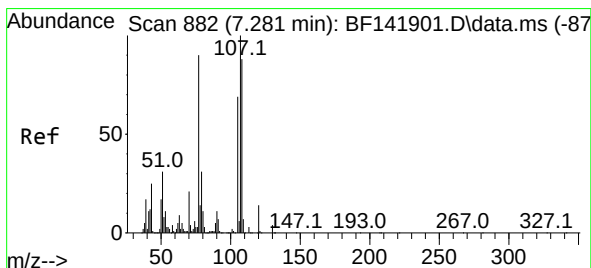
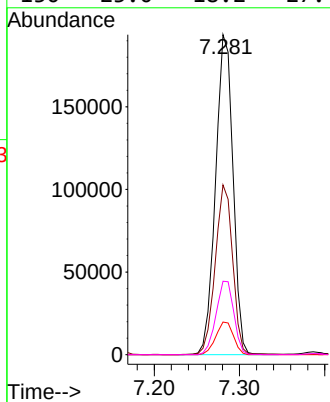
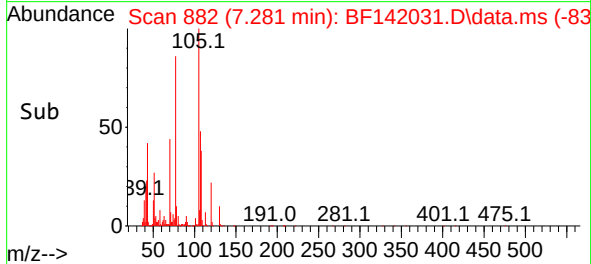
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 70 Resp: 27581
Ion Ratio Lower Upper
70 100
42 53.0 41.4 62.0
101 10.2 8.2 12.2
130 23.0 18.2 27.4

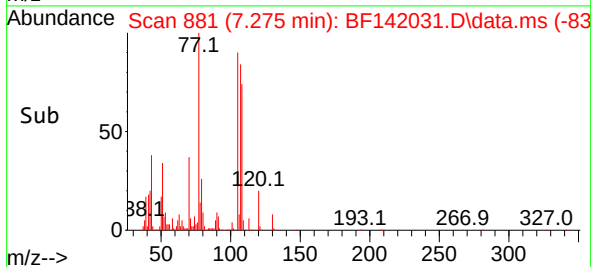
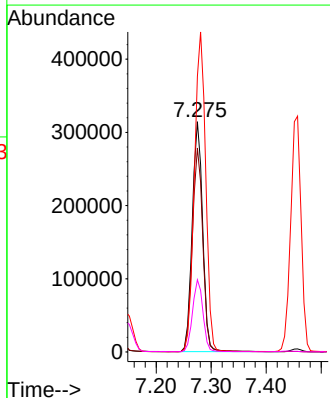
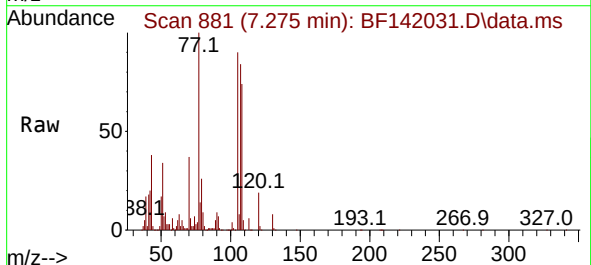
Manual Integrations
APPROVED

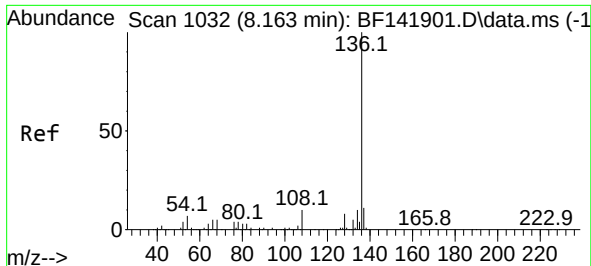
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#20
3+4-Methylphenols
Concen: 42.935 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:107 Resp: 414714
Ion Ratio Lower Upper
107 100
108 88.6 68.4 108.4
77 119.6 69.7 109.7#
79 31.3 11.4 51.4





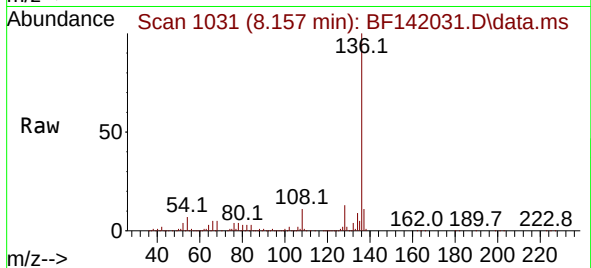
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

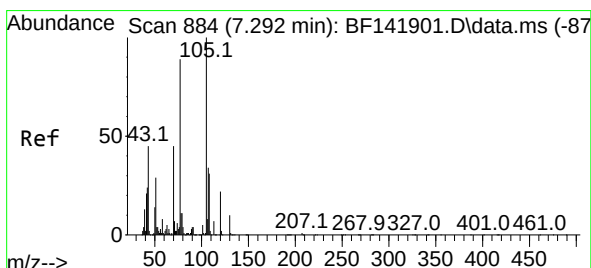
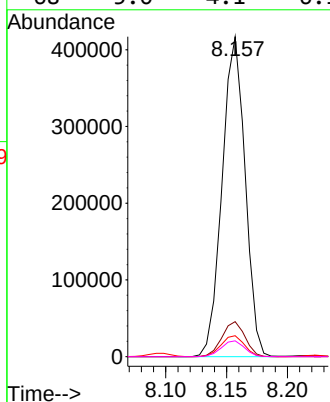
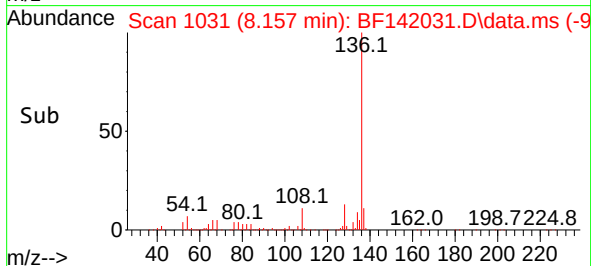


Tgt Ion:136 Resp: 549160
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.8 8.8
68 5.0 4.1 6.1

Manual Integrations

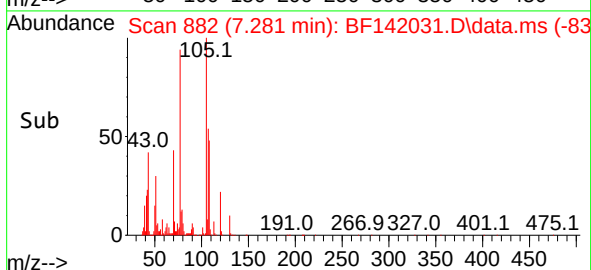
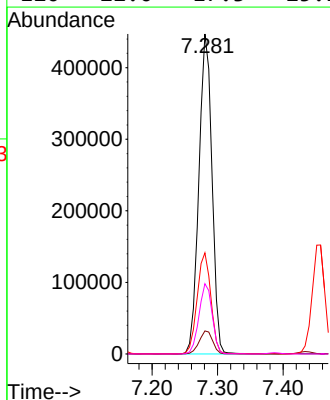
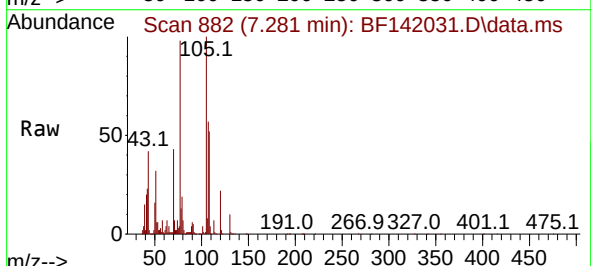
APPROVED

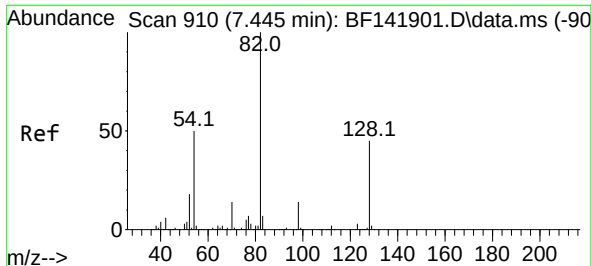
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#22
Acetophenone
Concen: 47.432 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:105 Resp: 623794
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.8
51 31.6 23.4 35.0
120 22.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 57.976 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

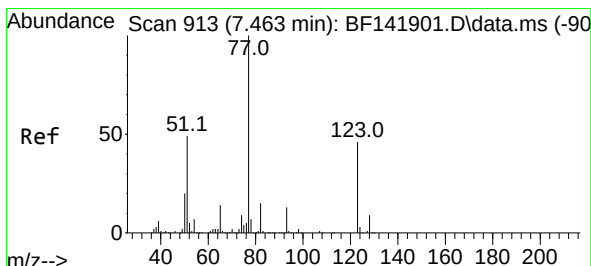
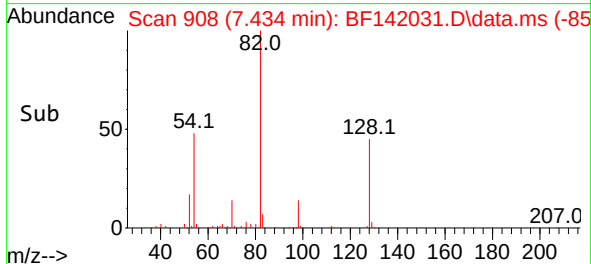
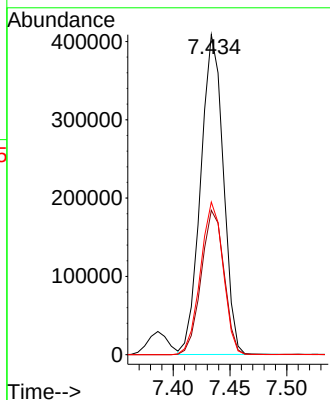
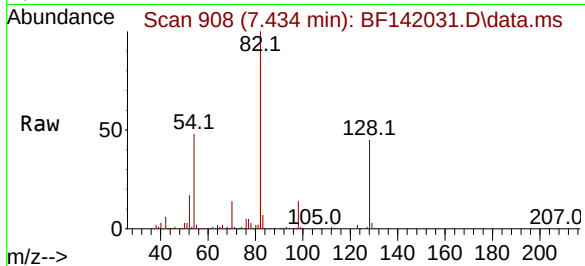
ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 56575
Ion Ratio Lower Upper
82 100
128 45.1 36.0 54.0
54 47.7 39.6 59.4

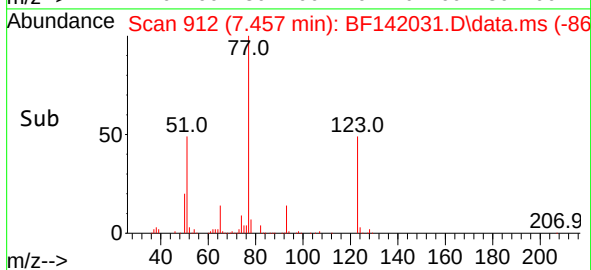
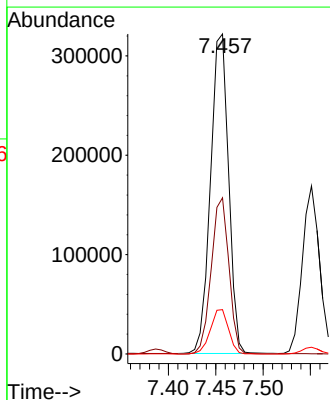
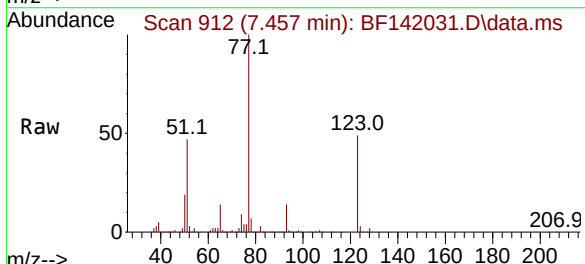
Manual Integrations
APPROVED

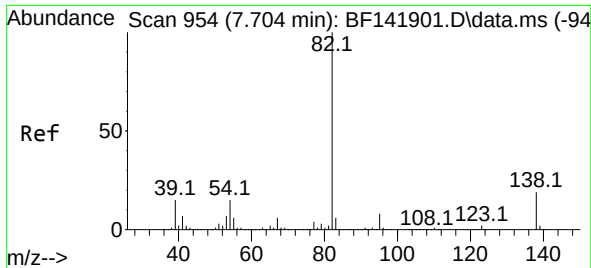
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#24
Nitrobenzene
Concen: 43.968 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion: 77 Resp: 426540
Ion Ratio Lower Upper
77 100
123 48.8 37.0 55.4
65 13.9 11.3 16.9





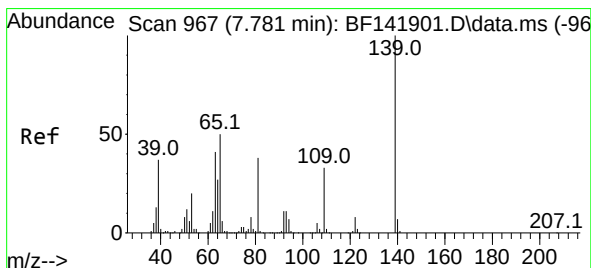
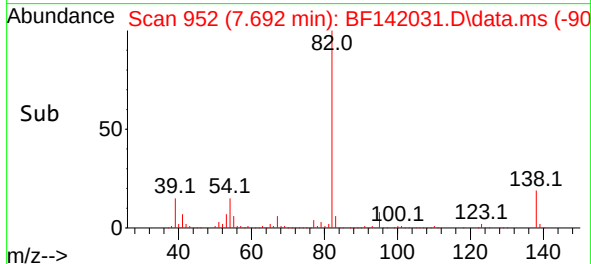
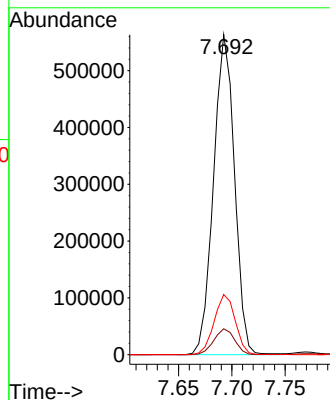
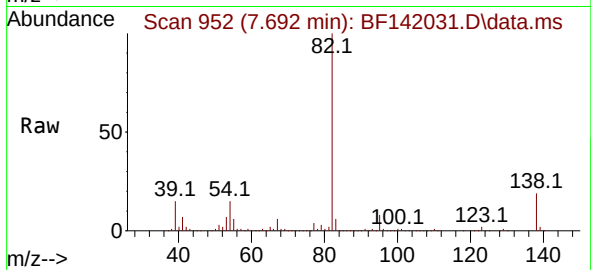
#25
Isophorone
Concen: 44.664 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 82 Resp: 770430
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.8 14.9 22.3

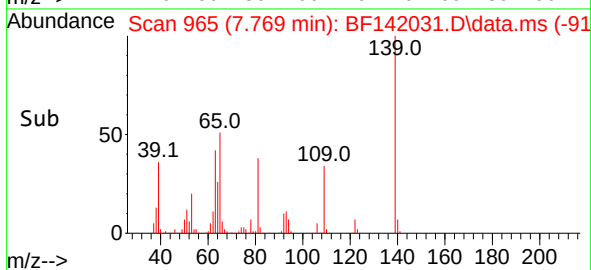
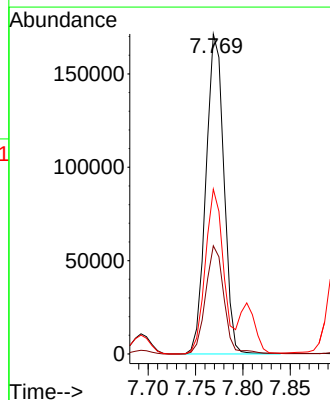
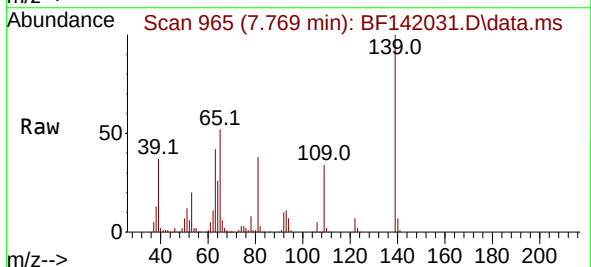
Manual Integrations
APPROVED

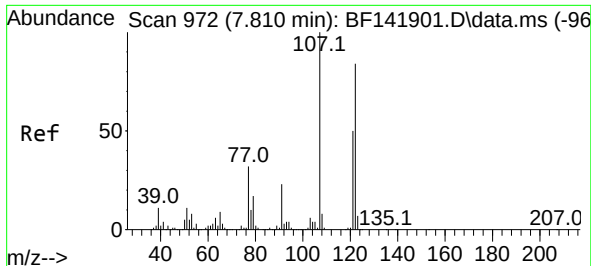
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#26
2-Nitrophenol
Concen: 47.256 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:139 Resp: 225002
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 51.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 53.869 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142031.D

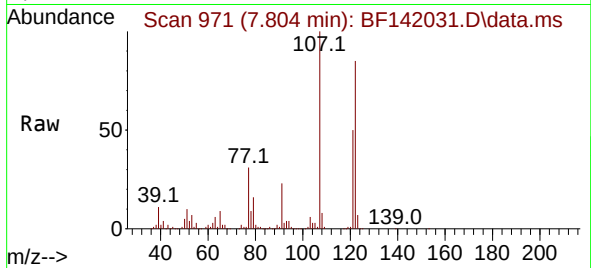
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS



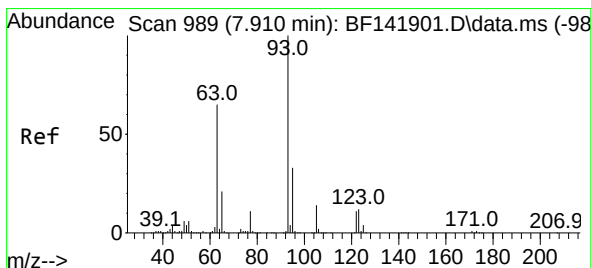
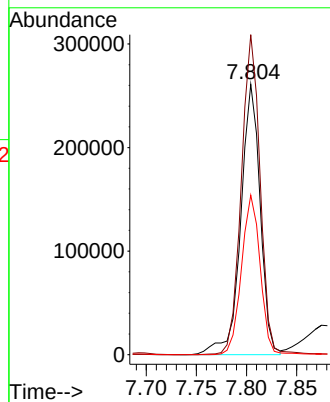
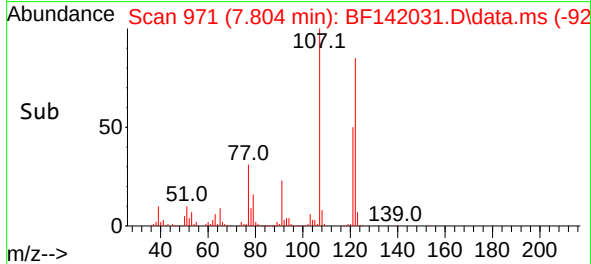
Tgt Ion:	122	Resp:	353172
Ion	Ratio	Lower	Upper
122	100		
107	118.3	94.8	142.2
121	59.0	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.884 ng

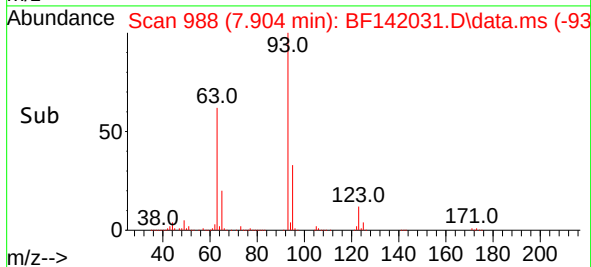
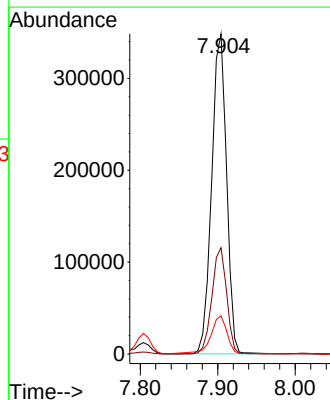
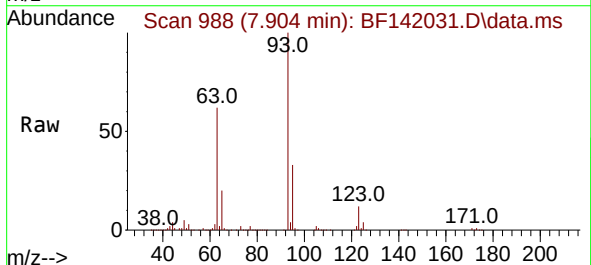
RT: 7.904 min Scan# 988

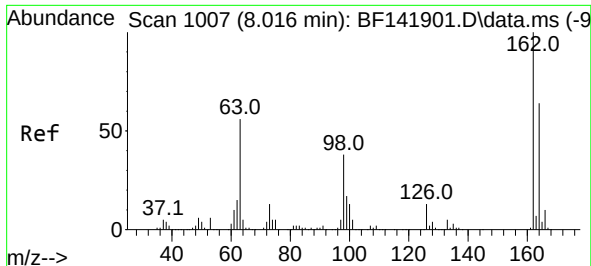
Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Tgt Ion:	93	Resp:	463972
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	11.9	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 43.976 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:162 Resp: 357862

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

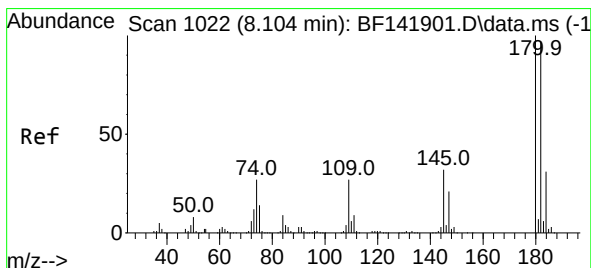
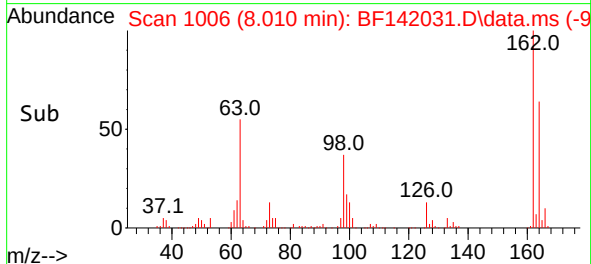
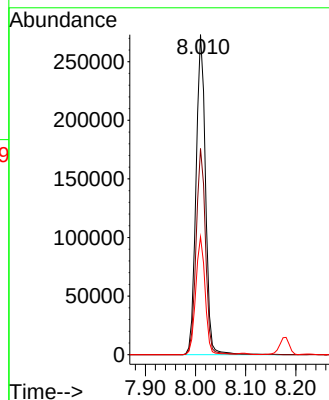
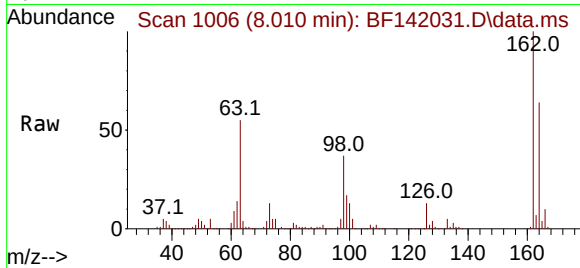
98 36.8 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.825 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

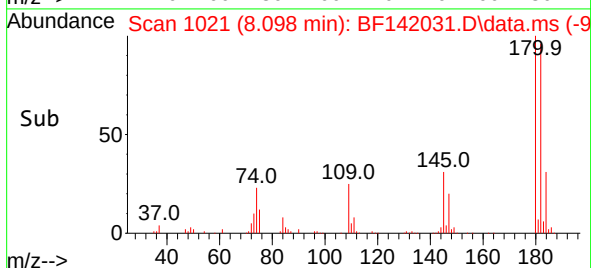
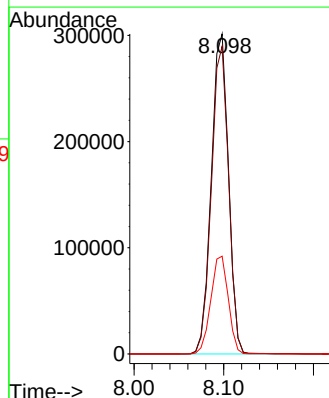
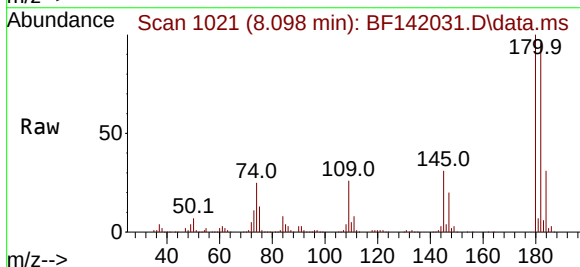
Tgt Ion:180 Resp: 401990

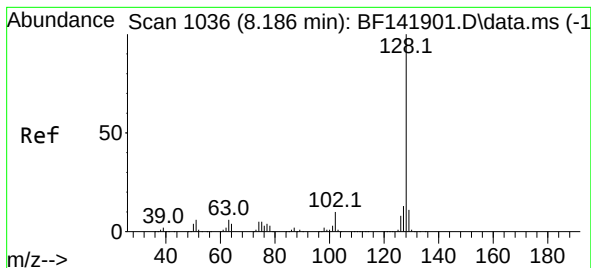
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

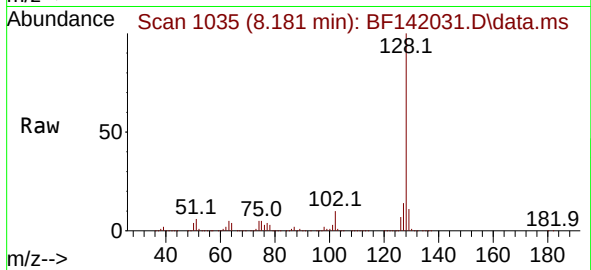
145 30.5 25.8 38.6





#31
Naphthalene
Concen: 43.158 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

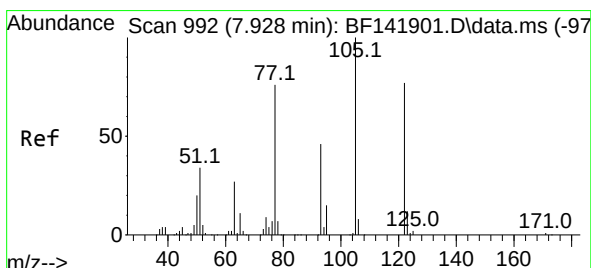
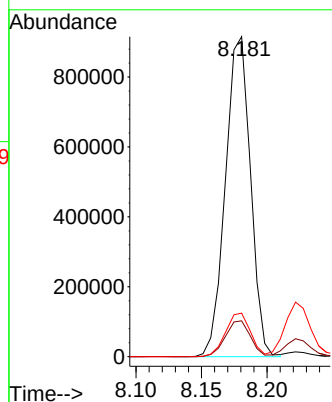
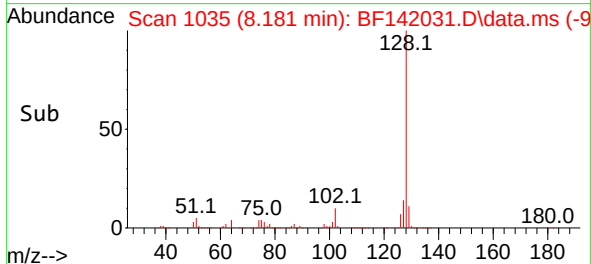
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:128 Resp: 1217470
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

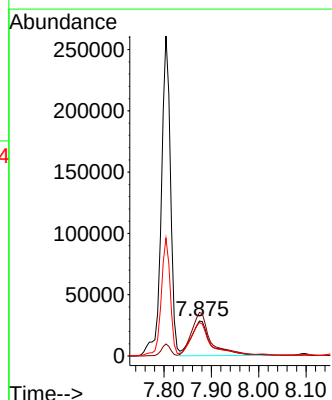
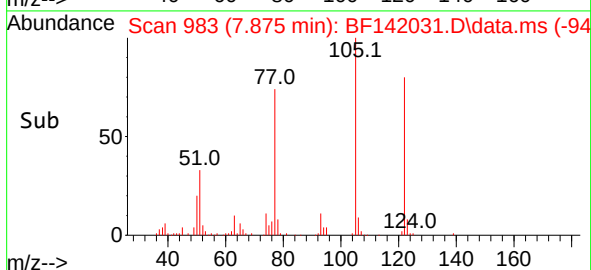
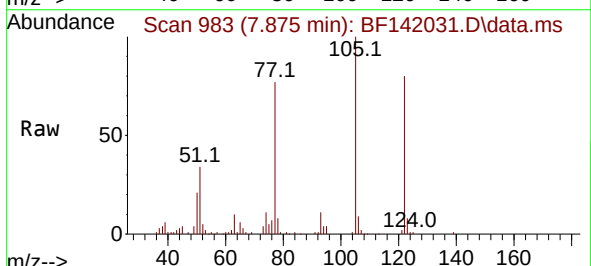
Manual Integrations
APPROVED

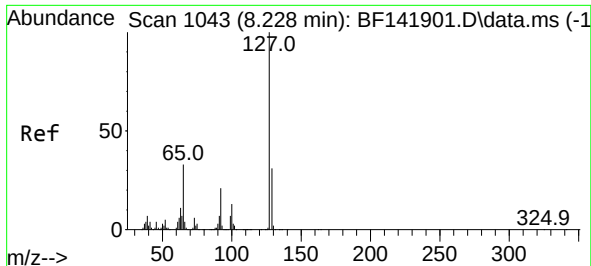
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#32
Benzoic acid
Concen: 14.498 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:122 Resp: 83555
Ion Ratio Lower Upper
122 100
105 124.8 107.9 147.9
77 96.0 79.0 119.0





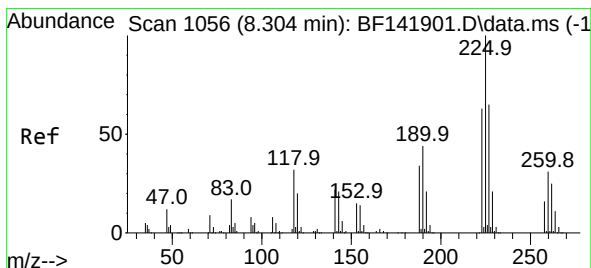
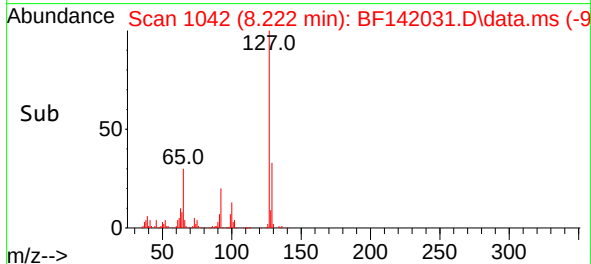
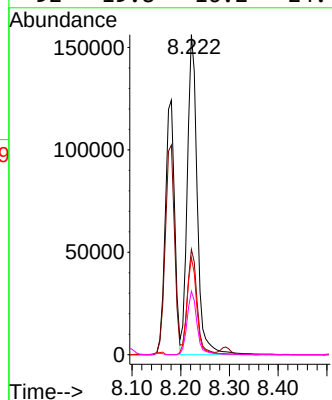
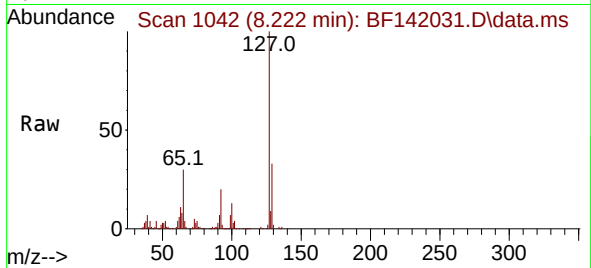
#33
4-Chloroaniline
Concen: 22.255 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:	127	Resp:	22162
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.2	39.4
65	30.3	25.4	38.2
92	19.8	16.2	24.4

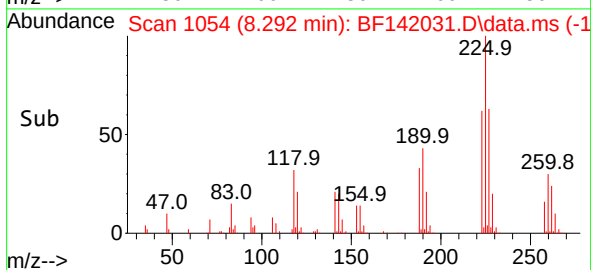
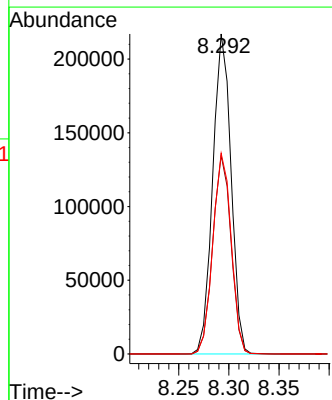
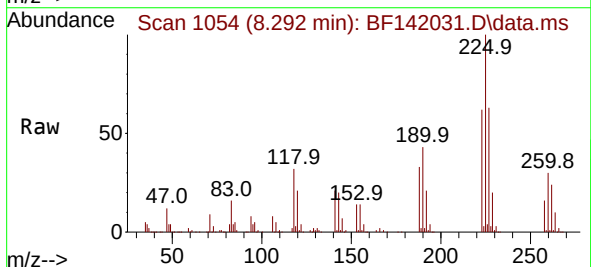
Manual Integrations
APPROVED

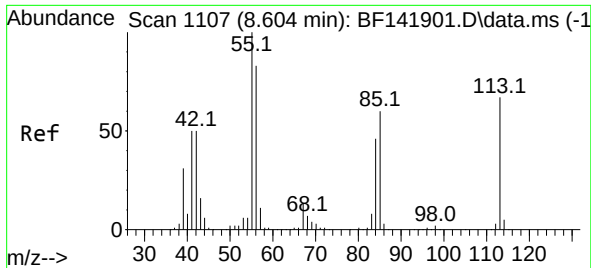
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#34
Hexachlorobutadiene
Concen: 47.153 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:	225	Resp:	275770
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.6	75.8
227	62.7	52.2	78.2





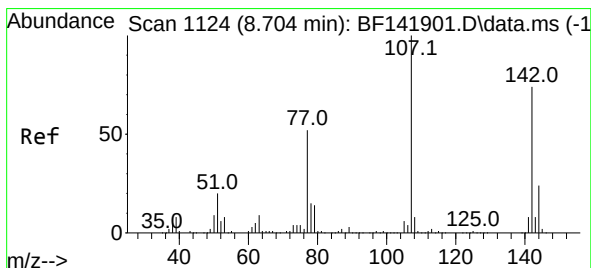
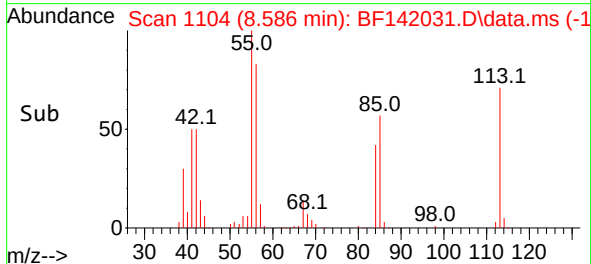
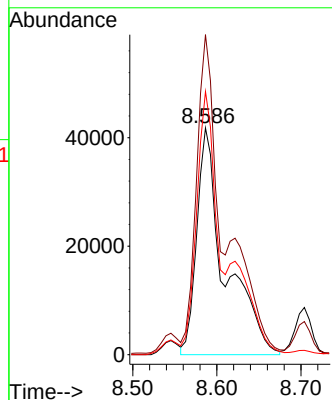
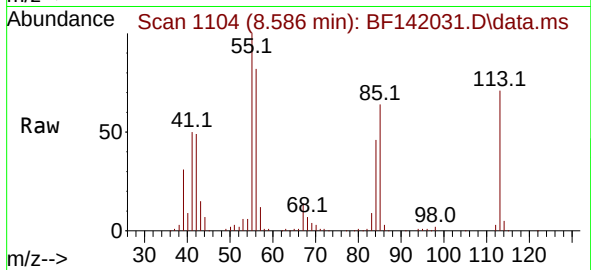
#35
Caprolactam
Concen: 39.083 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:113 Resp: 9696
Ion Ratio Lower Upper
113 100
55 141.2 129.6 169.6
56 116.2 104.0 144.0

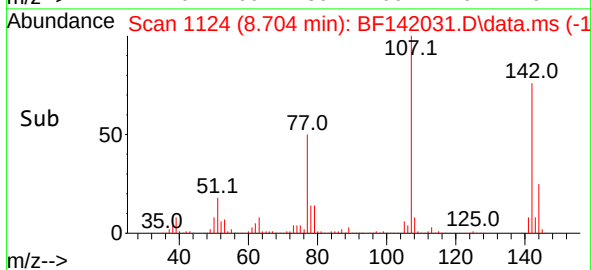
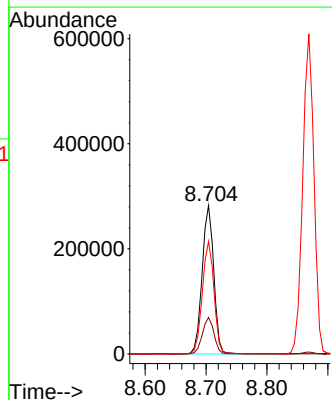
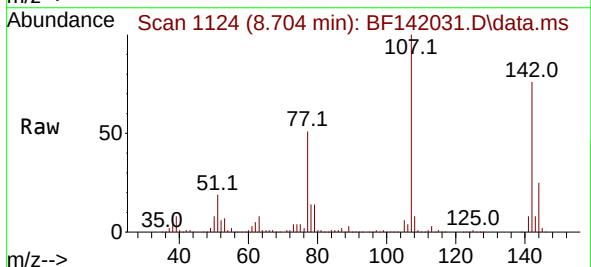
Manual Integrations
APPROVED

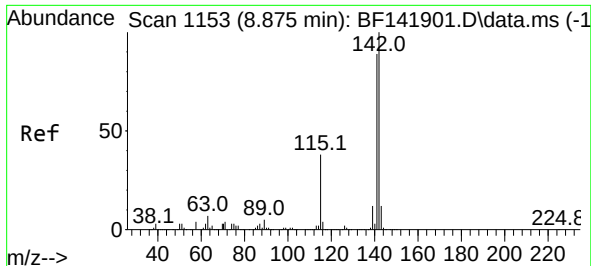
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#36
4-Chloro-3-methylphenol
Concen: 41.292 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:107 Resp: 374829
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 75.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.266 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:142 Resp: 77810

Ion Ratio Lower Upper

142 100

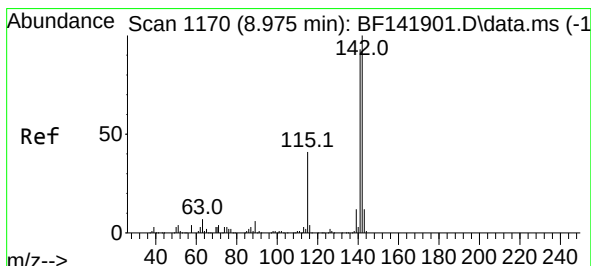
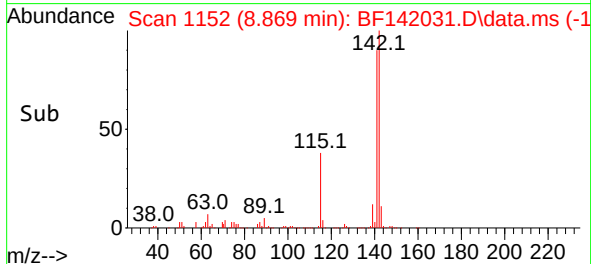
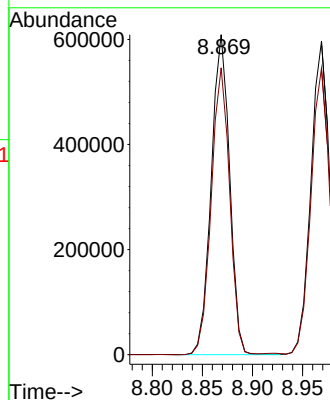
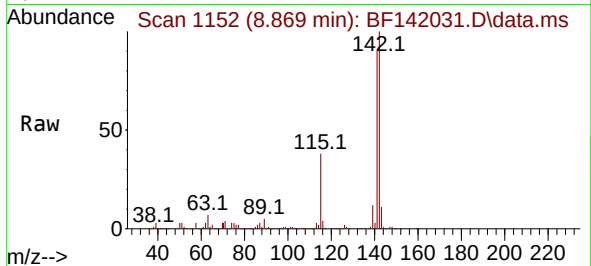
141 89.7 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#38

1-Methylnaphthalene

Concen: 42.084 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142031.D

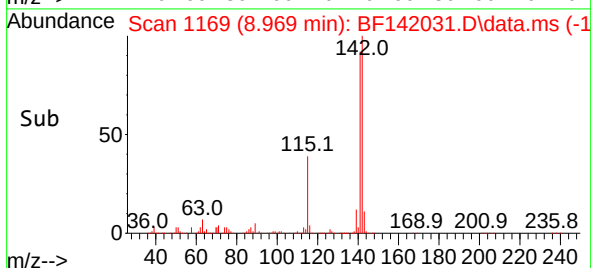
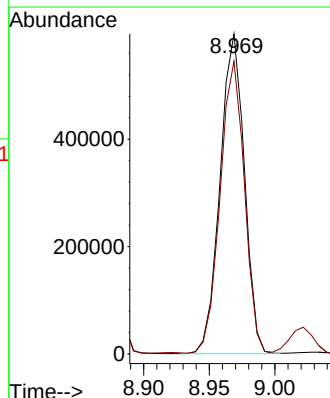
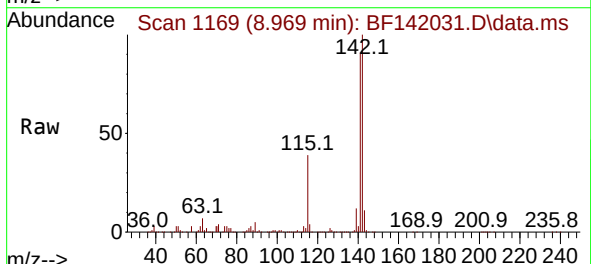
Acq: 21 Mar 2025 15:51

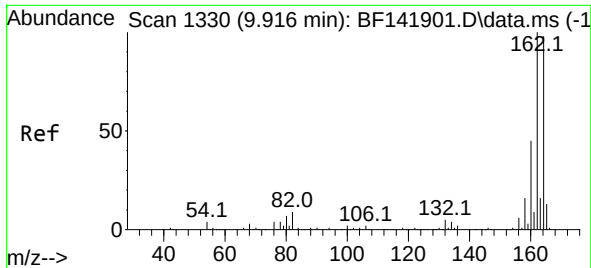
Tgt Ion:142 Resp: 765733

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4





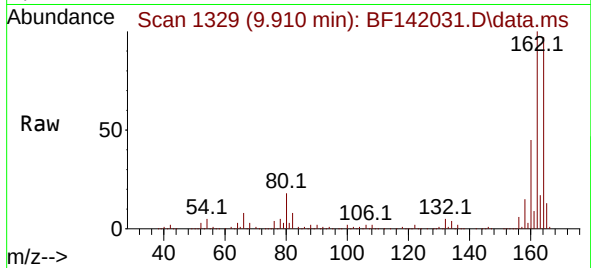
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

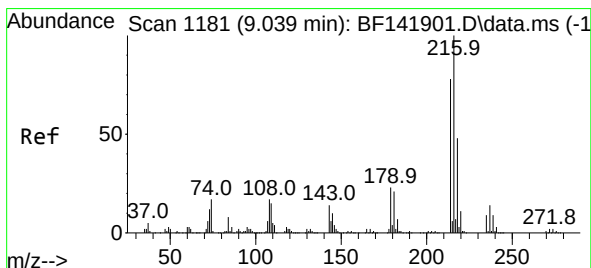
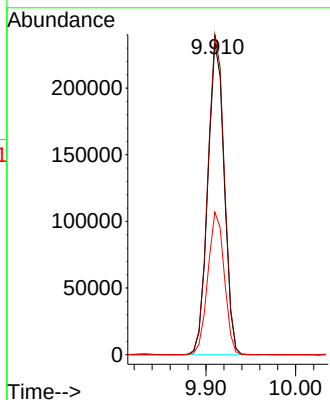
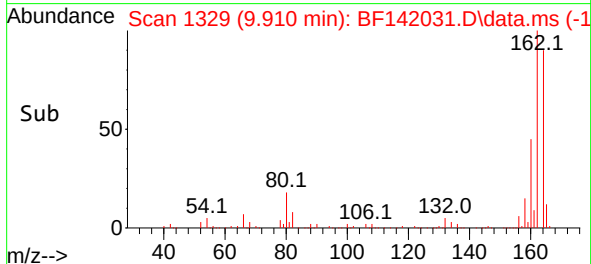


Tgt Ion:164 Resp: 296670
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.7 36.7 55.1

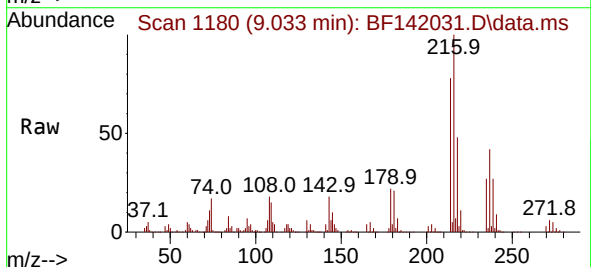
Manual Integrations

APPROVED

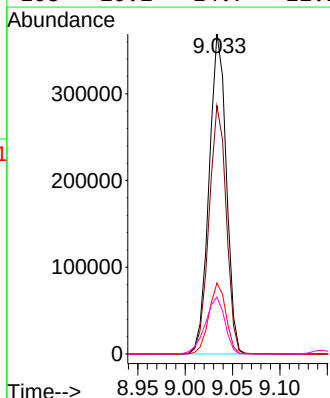
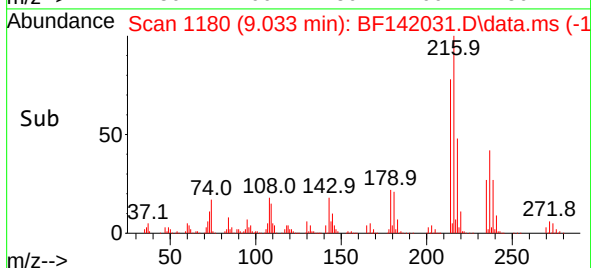
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

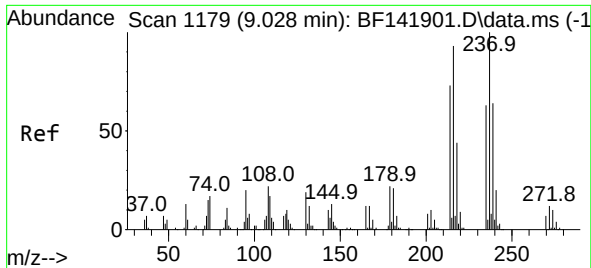


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.739 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



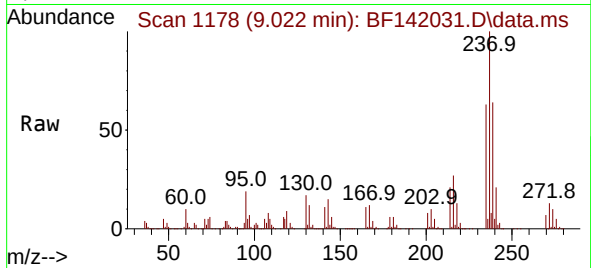
Tgt Ion:216 Resp: 467337
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 21.9 18.1 27.1
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 156.878 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

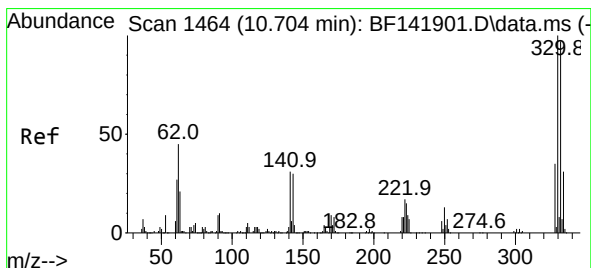
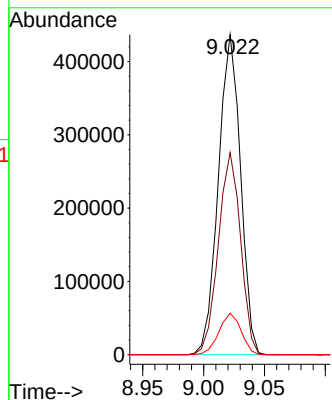
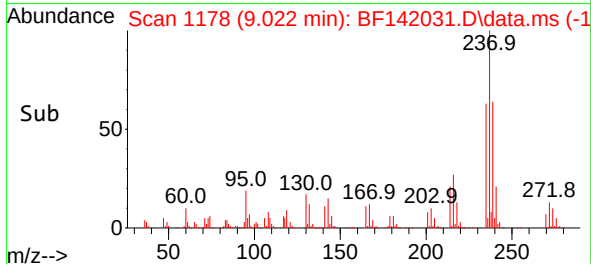
Instrument :
BNA_F
ClientSampleId :
TP-3MS



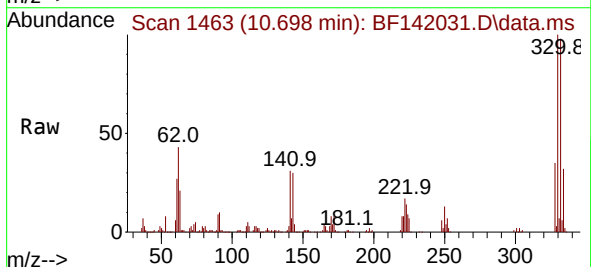
Tgt Ion:237 Resp: 55456
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.0 0.0 32.0

Manual Integrations
APPROVED

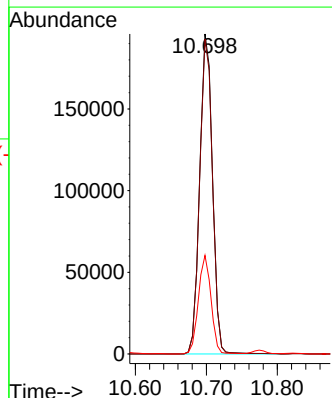
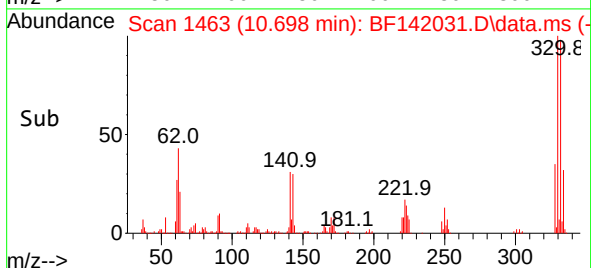
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

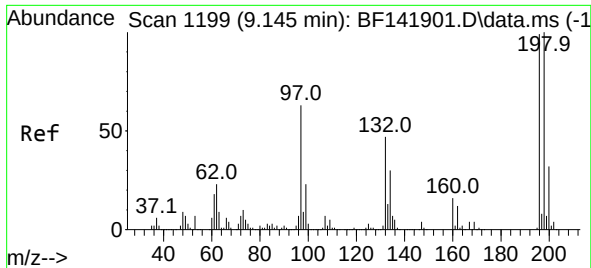


#42
2,4,6-Tribromophenol
Concen: 65.341 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



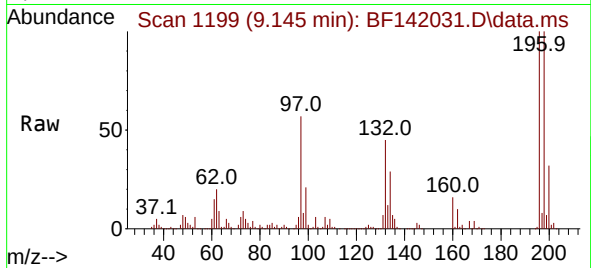
Tgt Ion:330 Resp: 245925
Ion Ratio Lower Upper
330 100
332 98.6 77.6 116.4
141 30.5 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 45.154 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

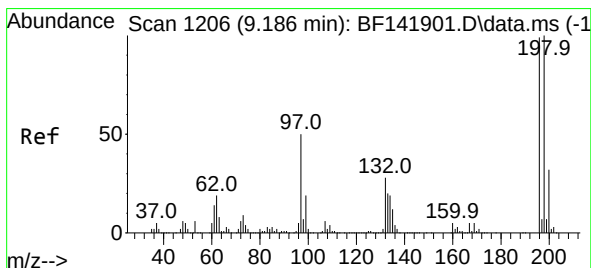
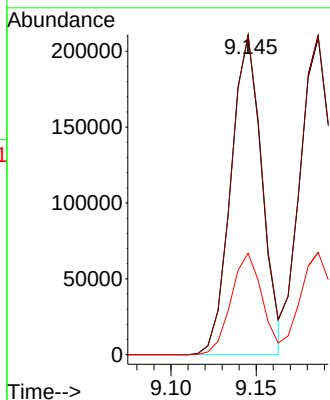
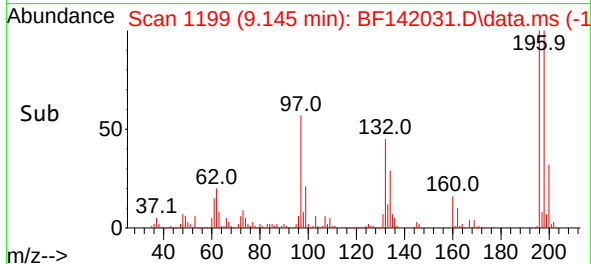
Instrument :
BNA_F
ClientSampleId :
TP-3MS



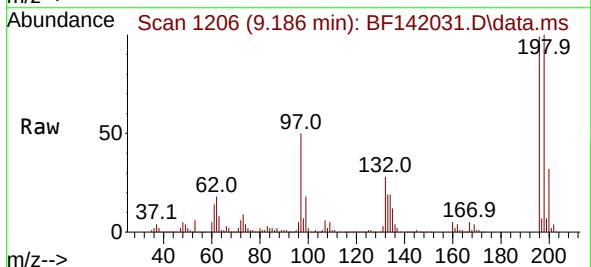
Tgt Ion:196 Resp: 26655
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 31.8 25.8 38.6

Manual Integrations
APPROVED

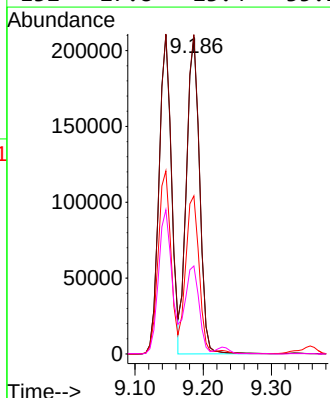
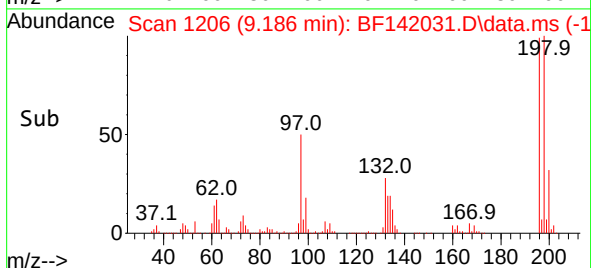
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

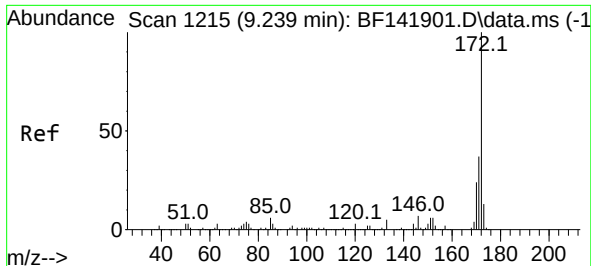


#44
2,4,5-Trichlorophenol
Concen: 46.170 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



Tgt Ion:196 Resp: 276036
Ion Ratio Lower Upper
196 100
198 100.7 80.7 121.1
97 49.9 42.1 63.1
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 57.958 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:172 Resp: 1130639

Ion Ratio Lower Upper

172 100

171 35.2 29.3 43.9

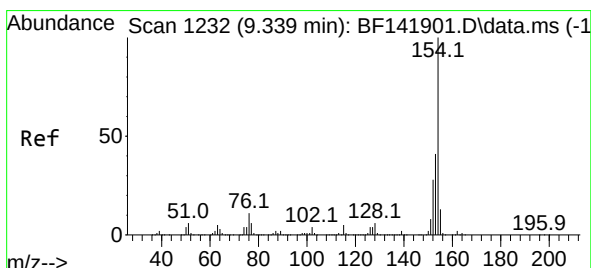
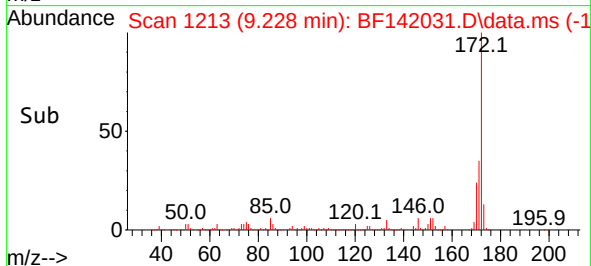
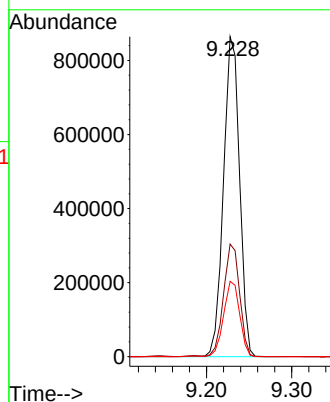
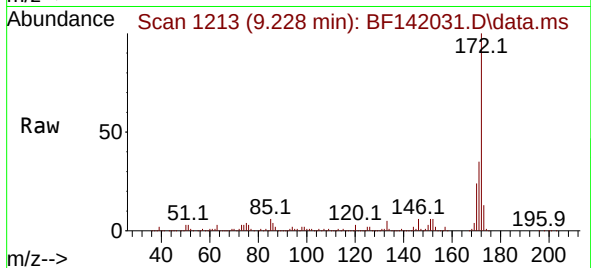
170 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#46

1,1'-Biphenyl

Concen: 50.125 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

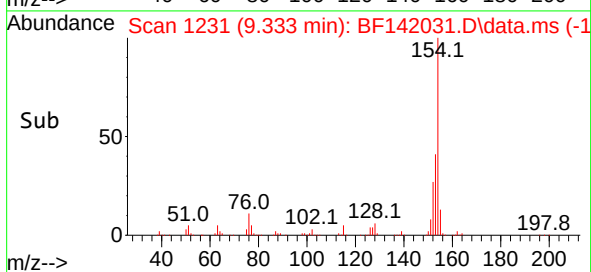
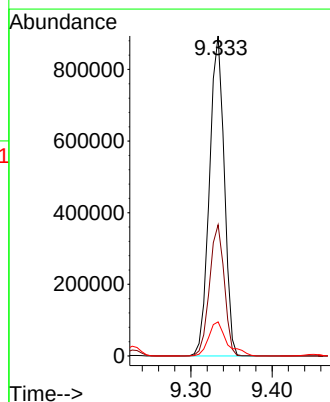
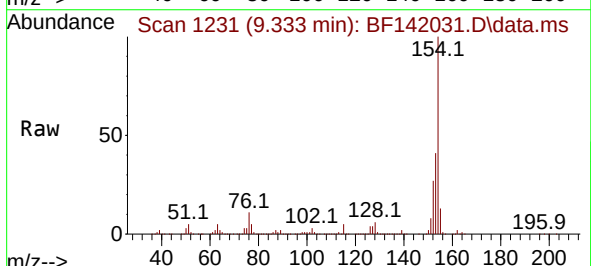
Tgt Ion:154 Resp: 1129914

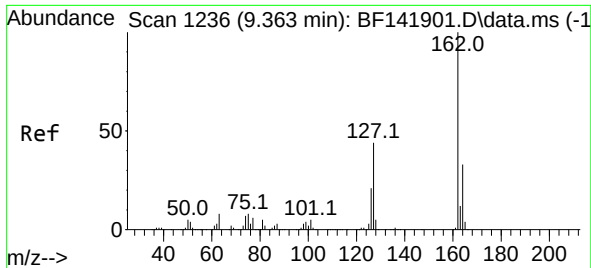
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

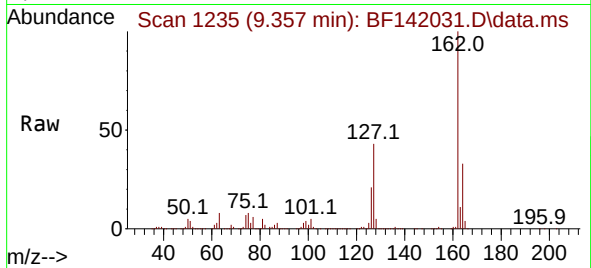
76 10.6 0.0 31.3





#47
2-Chloronaphthalene
Concen: 45.686 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

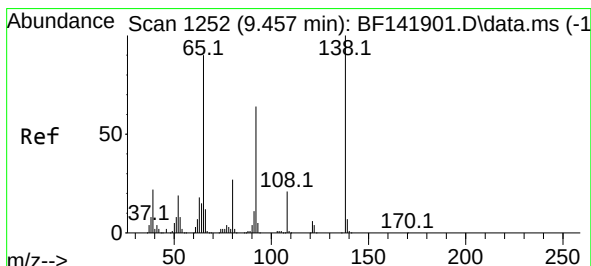
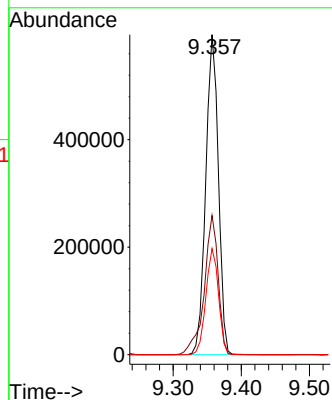
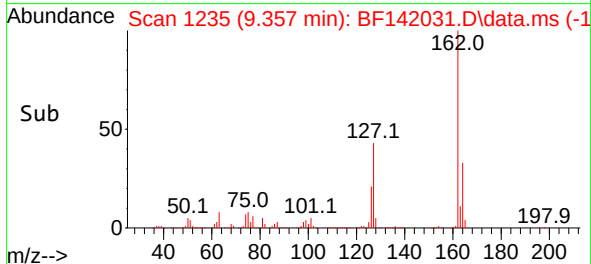
Instrument :
BNA_F
ClientSampleId :
TP-3MS



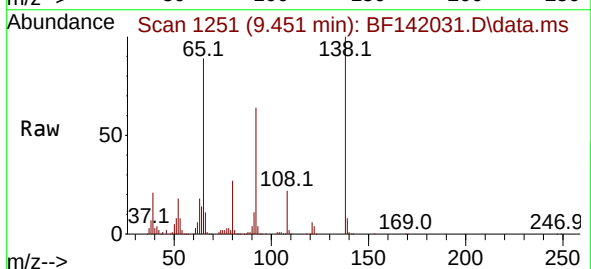
Tgt Ion:162 Resp: 76759
Ion Ratio Lower Upper
162 100
127 43.5 35.5 53.3
164 33.1 26.6 40.0

Manual Integrations
APPROVED

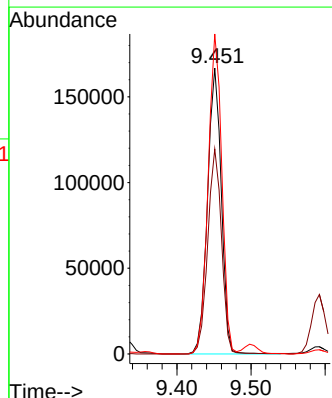
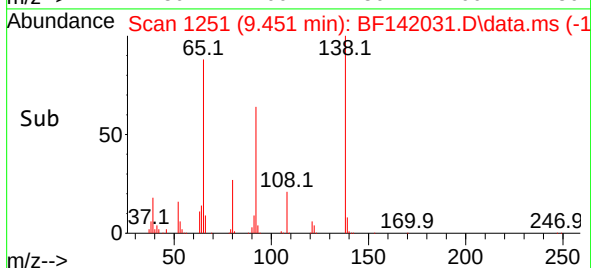
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

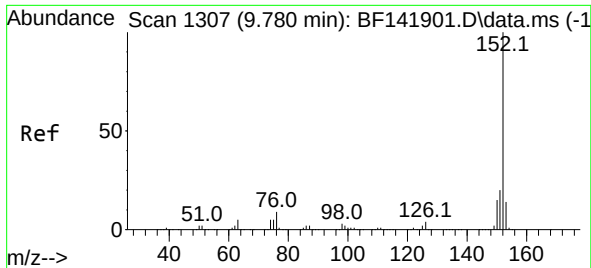


#48
2-Nitroaniline
Concen: 44.460 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



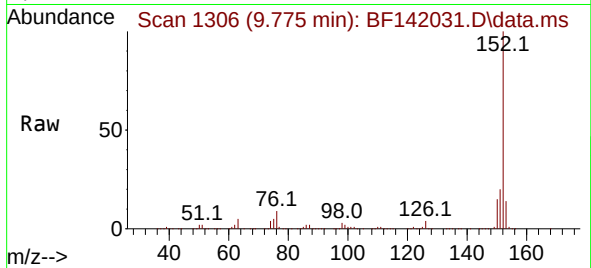
Tgt Ion: 65 Resp: 216289
Ion Ratio Lower Upper
65 100
92 71.7 56.6 84.8
138 111.9 88.6 133.0





#49
Acenaphthylene
Concen: 47.386 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

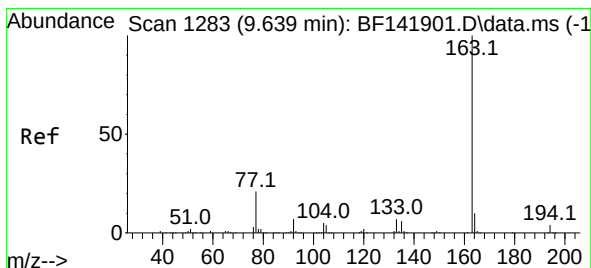
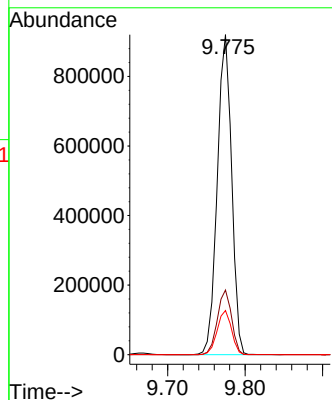
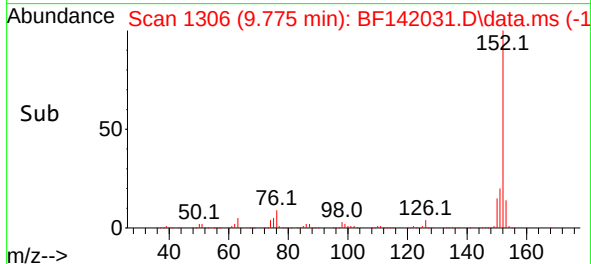
Instrument :
BNA_F
ClientSampleId :
TP-3MS



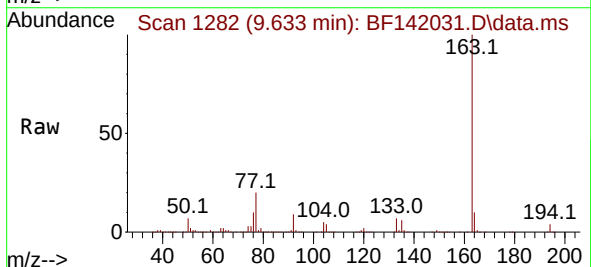
Tgt Ion:152 Resp: 118148
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.8 11.1 16.7

Manual Integrations
APPROVED

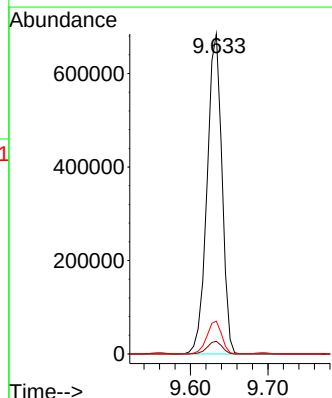
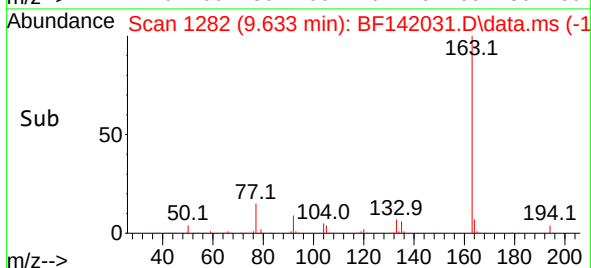
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

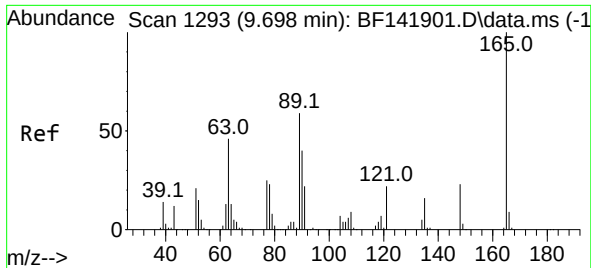


#50
Dimethylphthalate
Concen: 43.831 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



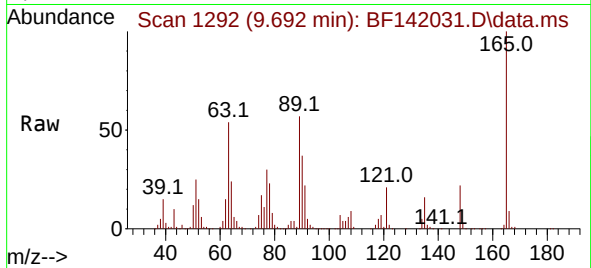
Tgt Ion:163 Resp: 910616
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.390 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

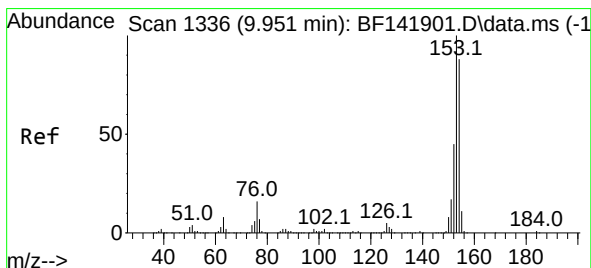
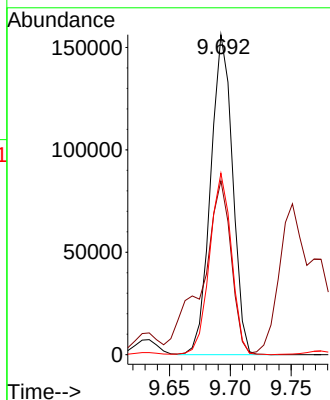
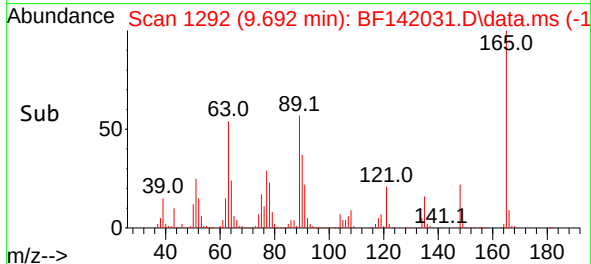
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:165 Resp: 196340
Ion Ratio Lower Upper
165 100
63 54.4 47.0 70.4
89 56.7 47.4 71.2

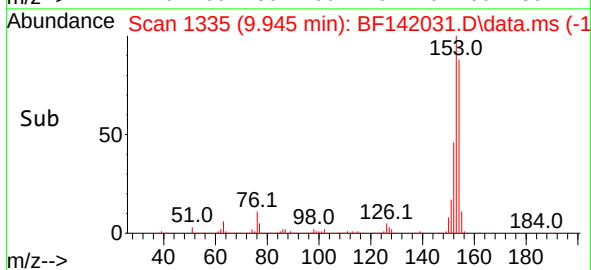
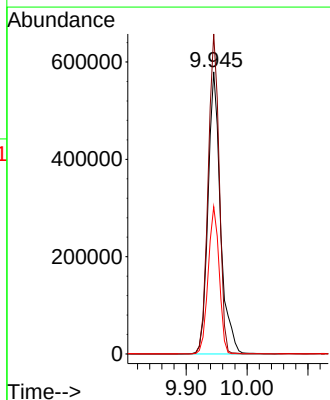
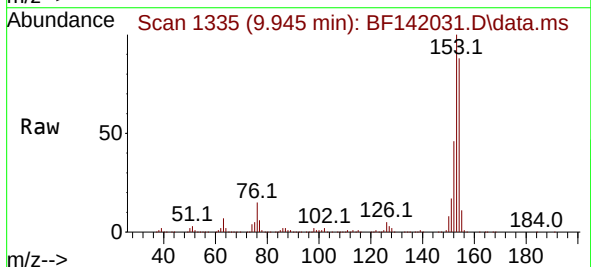
Manual Integrations
APPROVED

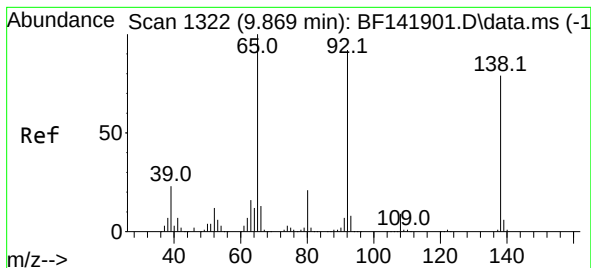
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#52
Acenaphthene
Concen: 47.065 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:154 Resp: 824657
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 52.2 41.1 61.7





#53

3-Nitroaniline

Concen: 28.457 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:138 Resp: 12486

Ion Ratio Lower Upper

138 100

108 11.0 9.3 13.9

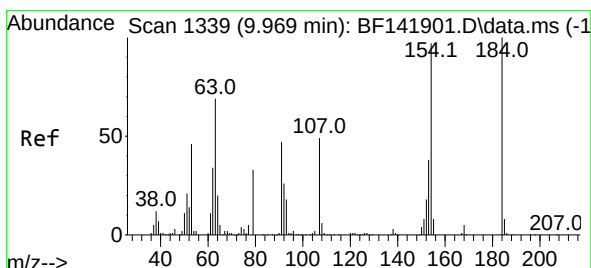
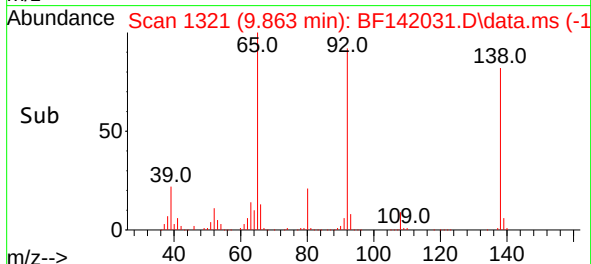
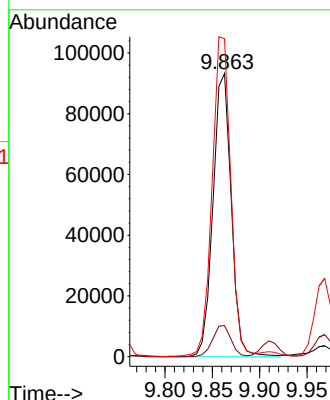
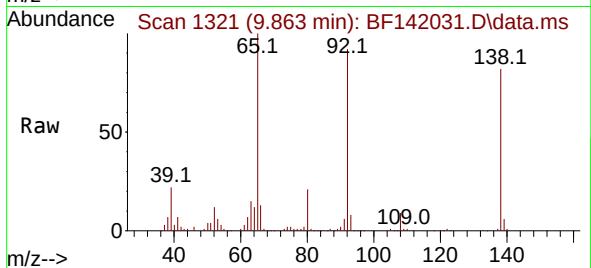
92 112.3 93.5 140.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#54

2,4-Dinitrophenol

Concen: 57.254 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

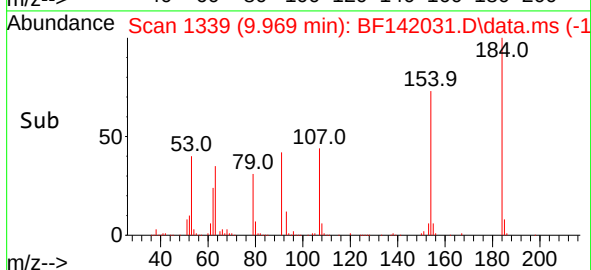
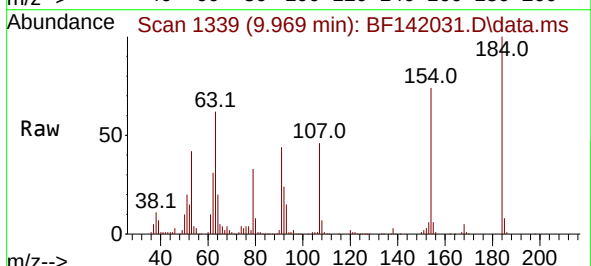
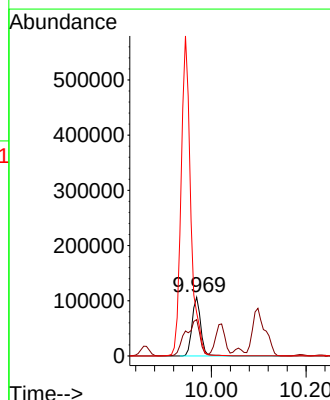
Tgt Ion:184 Resp: 135711

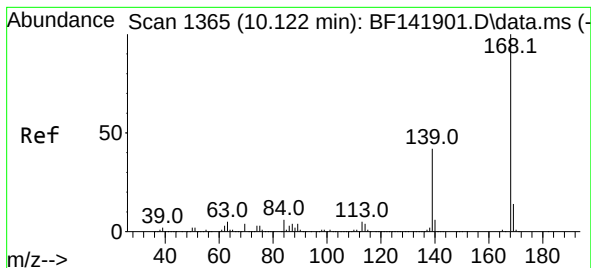
Ion Ratio Lower Upper

184 100

63 61.9 60.2 90.4

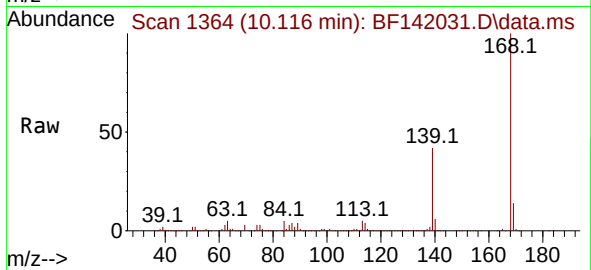
154 73.6 132.9 199.3#





#55
Dibenzenofuran
Concen: 43.168 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

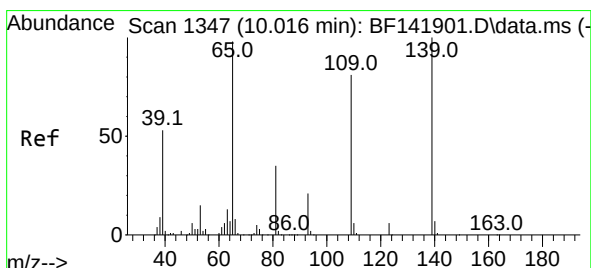
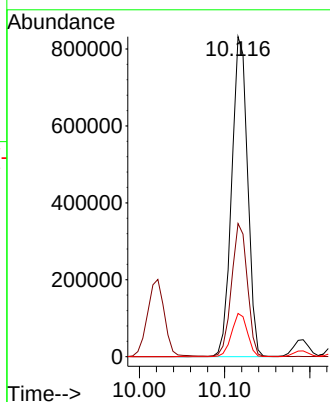
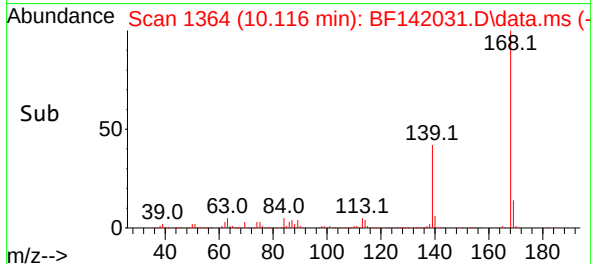
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 1080780
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.5 11.0 16.4

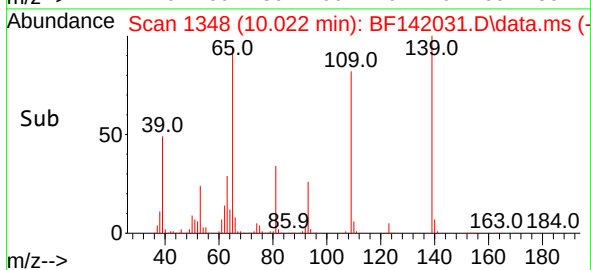
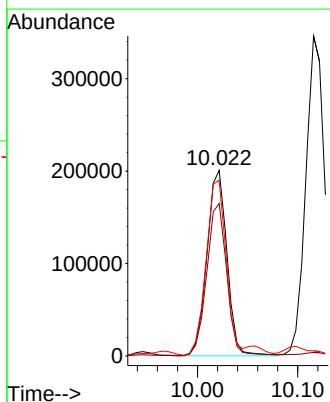
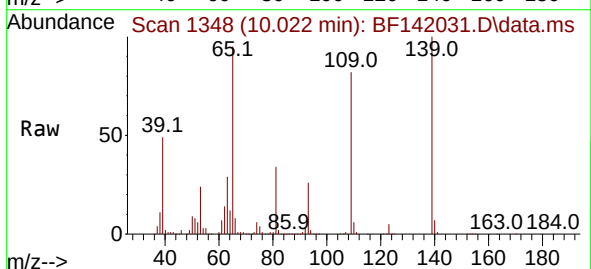
Manual Integrations
APPROVED

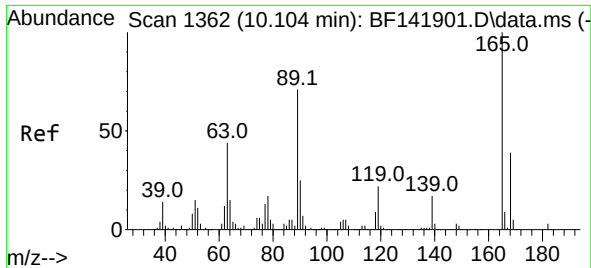
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#56
4-Nitrophenol
Concen: 84.181 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:139 Resp: 278553
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 94.6 79.4 119.4





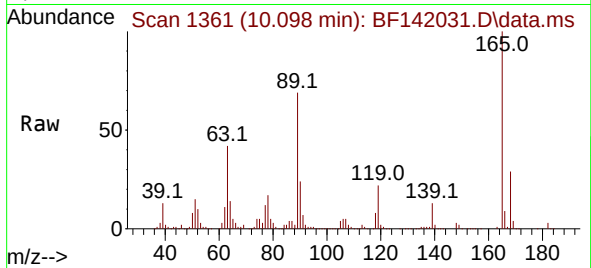
#57
2,4-Dinitrotoluene
Concen: 45.913 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

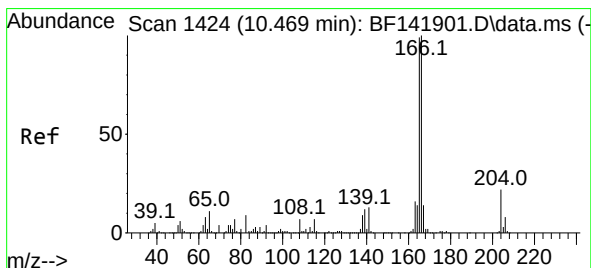
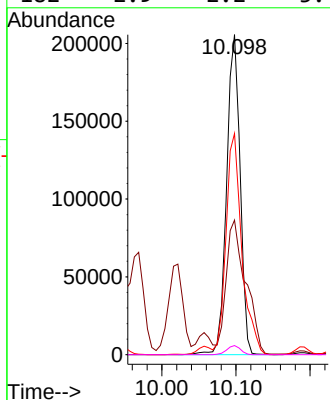
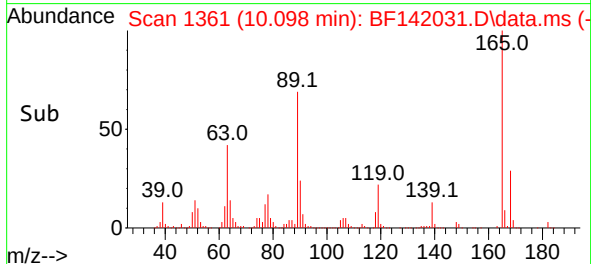


Tgt Ion:165 Resp: 259399
Ion Ratio Lower Upper
165 100
63 42.0 35.4 53.2
89 69.1 56.6 84.8
182 2.9 2.2 3.4

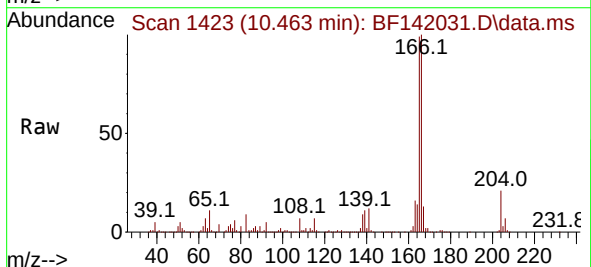
Manual Integrations

APPROVED

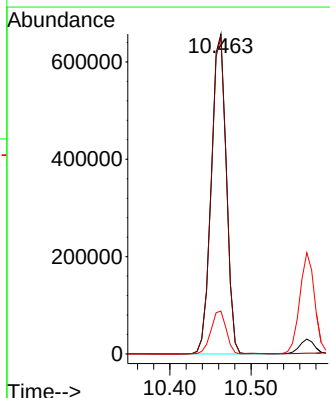
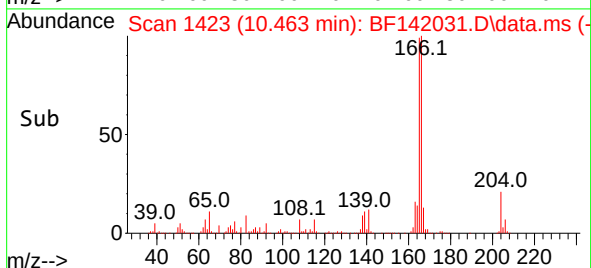
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

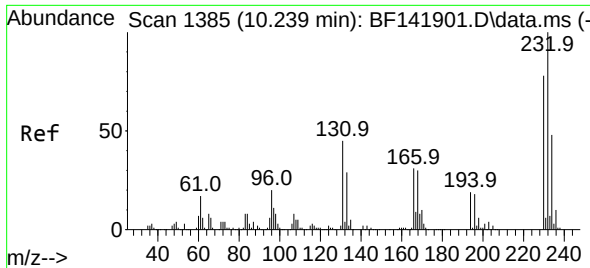


#58
Fluorene
Concen: 43.817 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



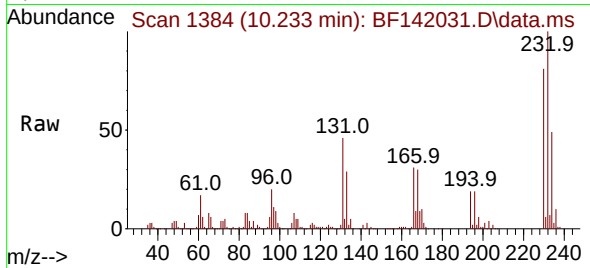
Tgt Ion:166 Resp: 845984
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.902 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

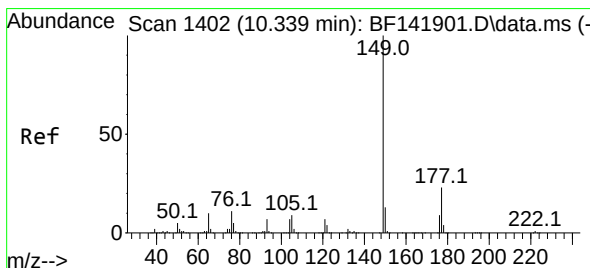
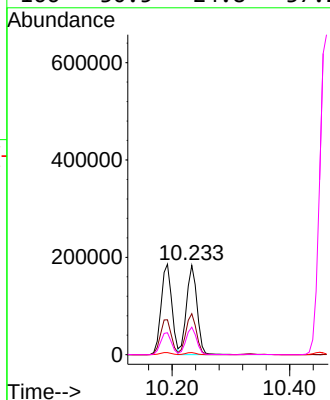
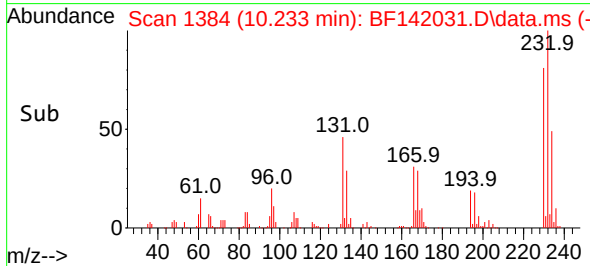
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:232 Resp: 227968
Ion Ratio Lower Upper
232 100
131 46.1 37.3 55.9
130 2.4 1.9 2.9
166 30.5 24.8 37.2

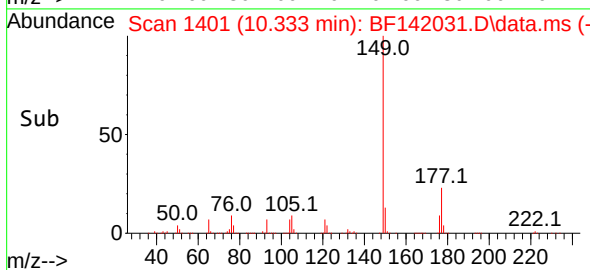
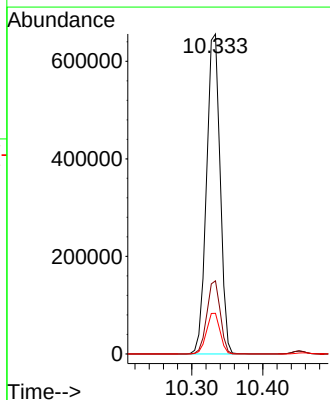
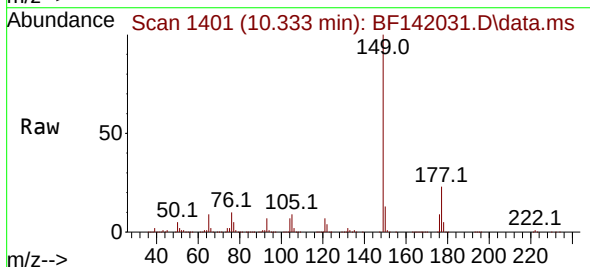
Manual Integrations
APPROVED

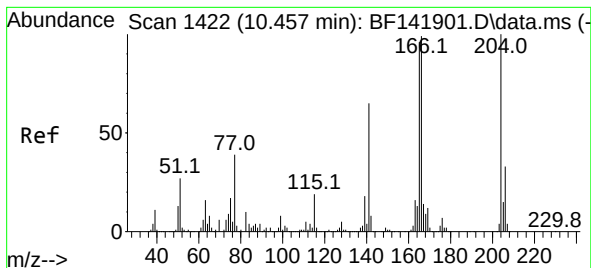
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#60
Diethylphthalate
Concen: 42.141 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

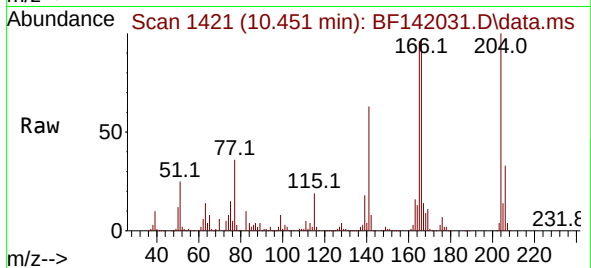
Tgt Ion:149 Resp: 872987
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.321 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

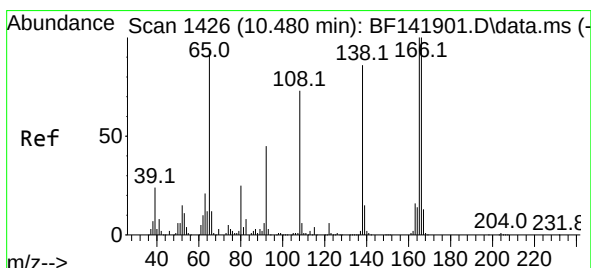
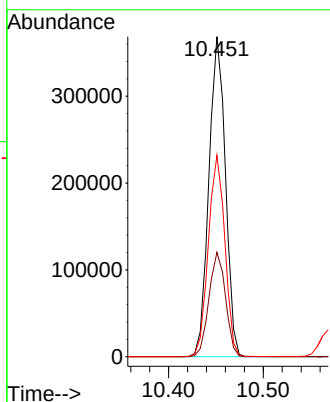
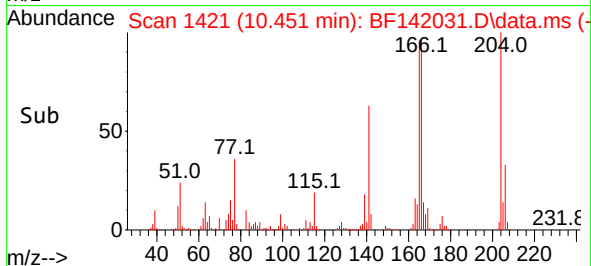
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:204 Resp: 446132
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 62.9 52.4 78.6

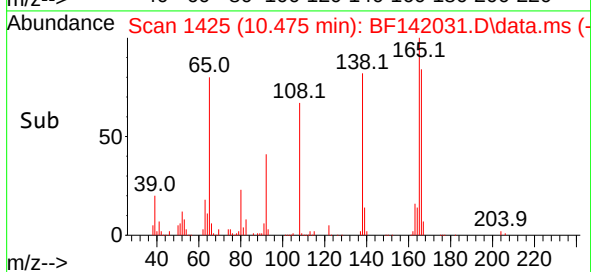
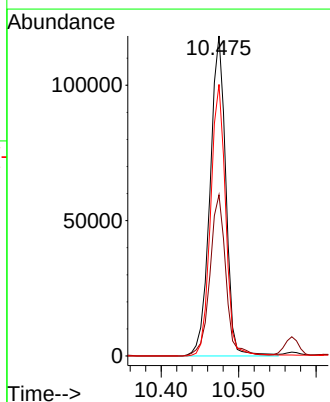
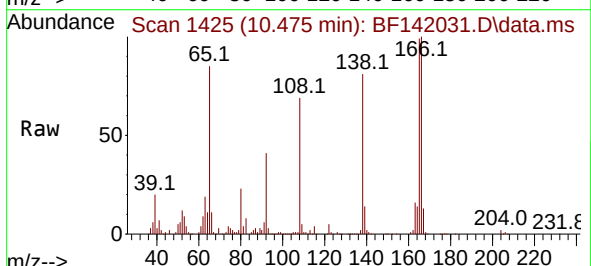
Manual Integrations
APPROVED

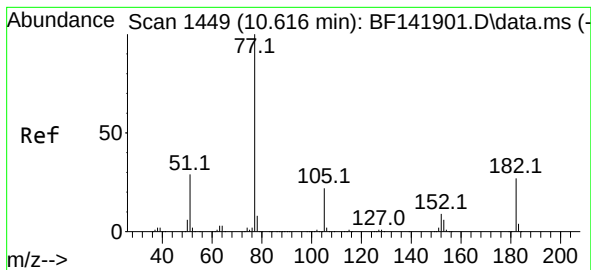
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#62
4-Nitroaniline
Concen: 39.267 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

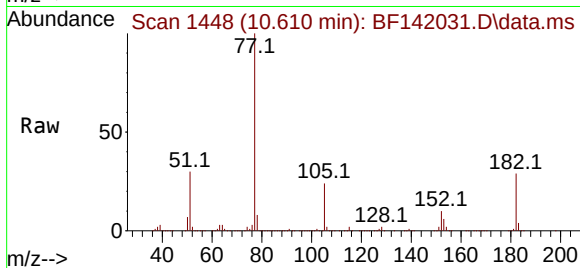
Tgt Ion:138 Resp: 167740
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 84.9 65.0 105.0





#63
Azobenzene
Concen: 43.063 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

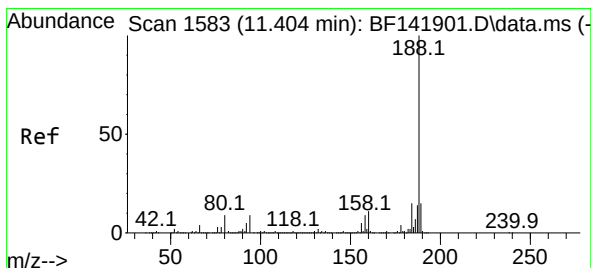
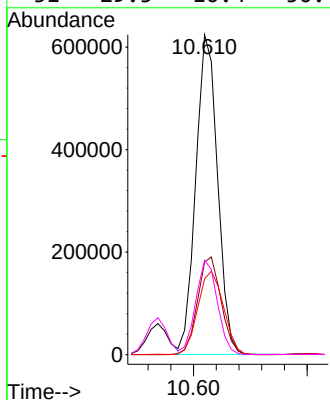
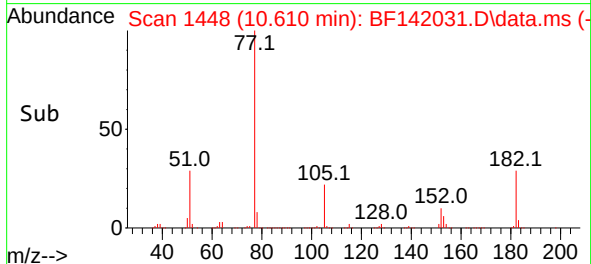
Instrument :
BNA_F
ClientSampleId :
TP-3MS



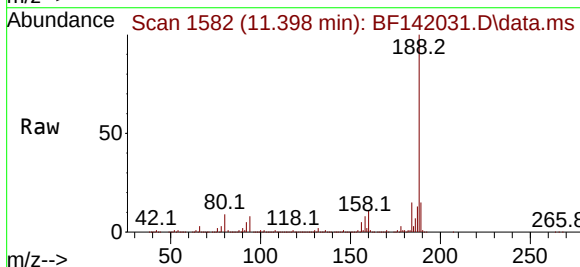
Tgt Ion: 77 Resp: 829379
Ion Ratio Lower Upper
77 100
182 28.9 6.6 46.6
105 23.7 1.3 41.3
51 29.5 10.4 50.4

Manual Integrations
APPROVED

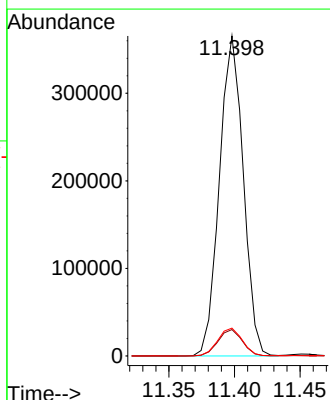
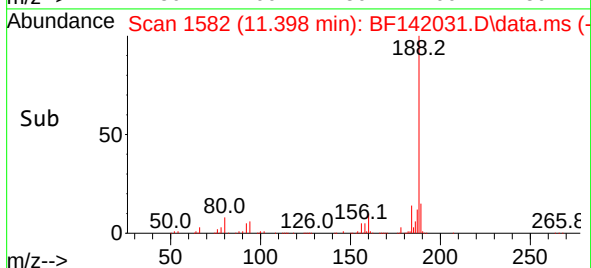
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

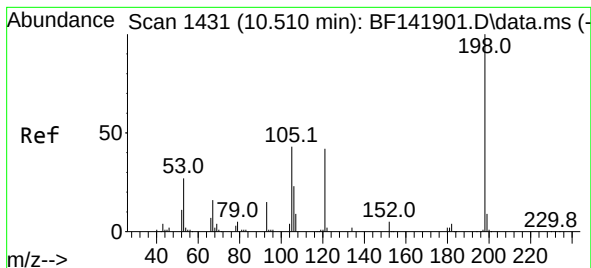


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



Tgt Ion:188 Resp: 462025
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.6 11.4





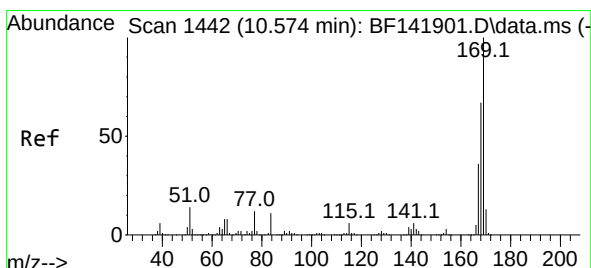
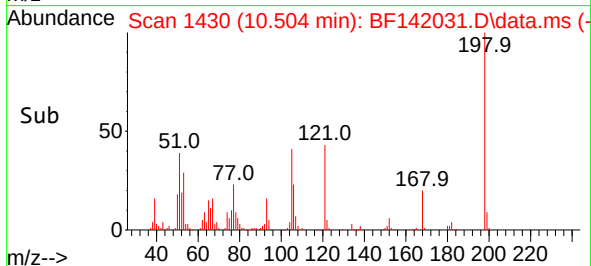
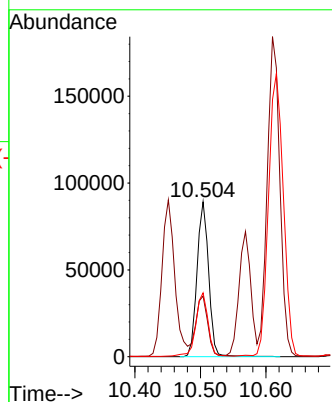
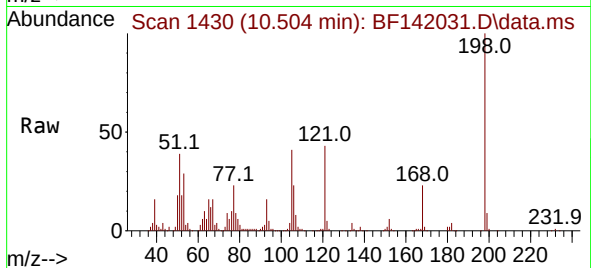
#65
4,6-Dinitro-2-methylphenol
Concen: 39.956 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 110052
Ion Ratio Lower Upper
198 100
51 39.2 22.3 62.3
105 41.2 23.0 63.0

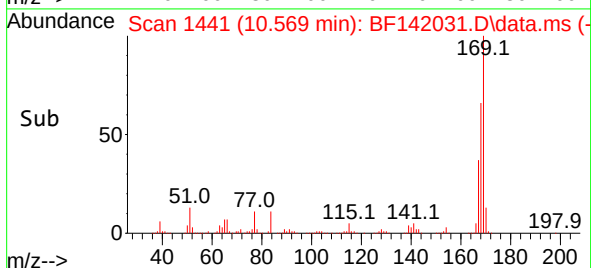
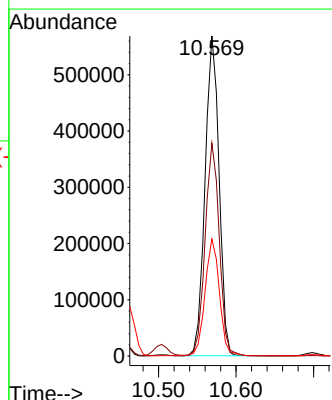
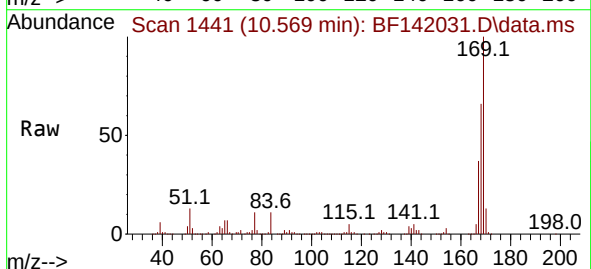
Manual Integrations
APPROVED

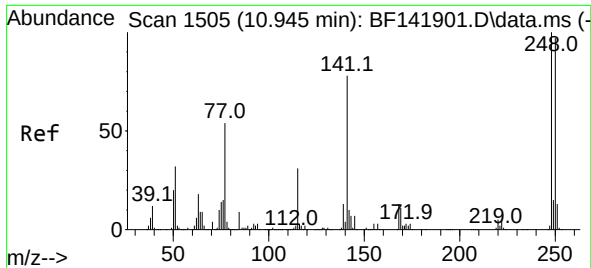
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#66
n-Nitrosodiphenylamine
Concen: 47.723 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:169 Resp: 713529
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.760 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

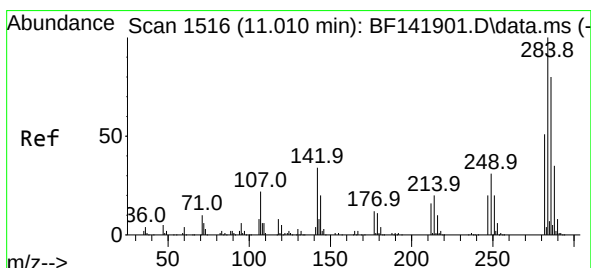
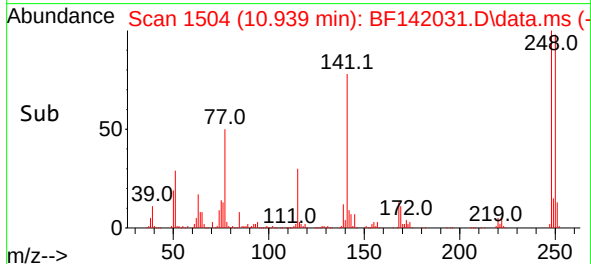
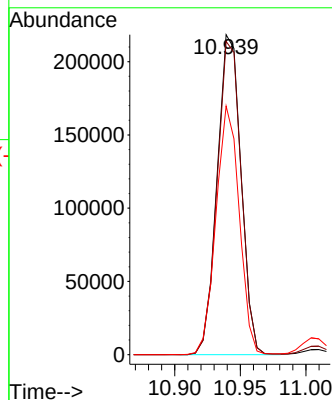
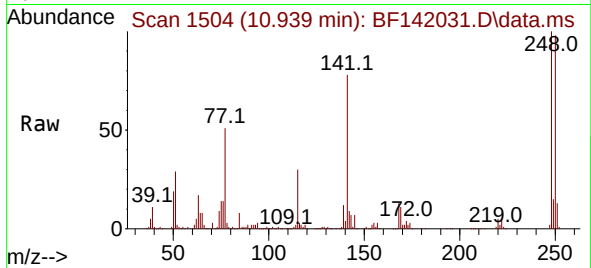
TP-3MS

Tgt Ion:248 Resp: 27712
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 77.7 62.6 93.8

Manual Integrations

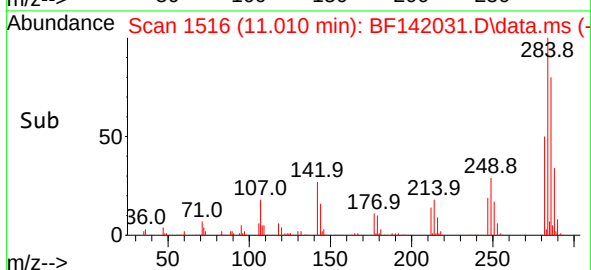
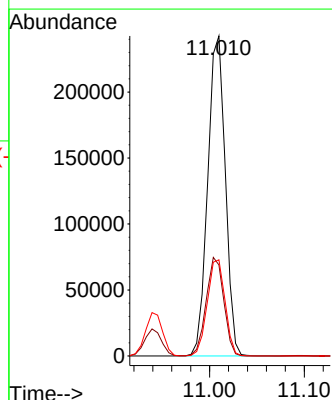
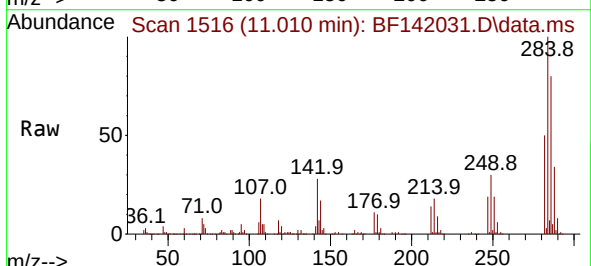
APPROVED

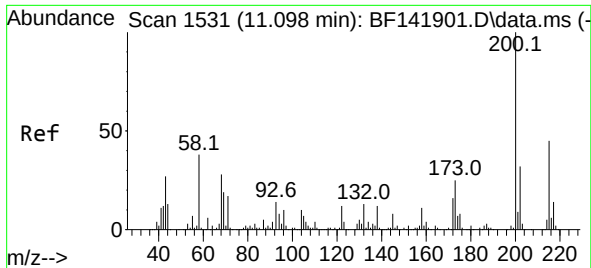
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#68
Hexachlorobenzene
Concen: 48.967 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

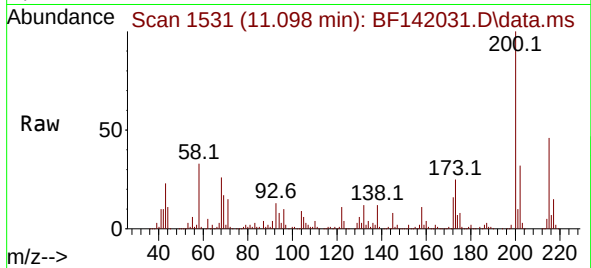
Tgt Ion:284 Resp: 311628
Ion Ratio Lower Upper
284 100
142 28.5 27.0 40.6
249 30.0 25.2 37.8





#69
 Atrazine
 Concen: 58.562 ng
 RT: 11.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

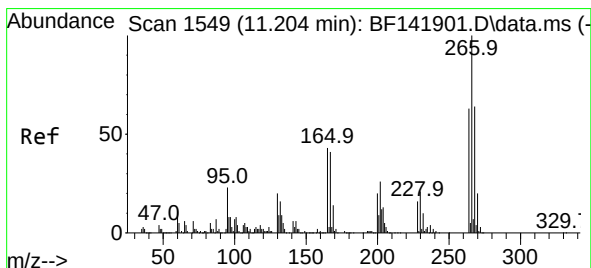
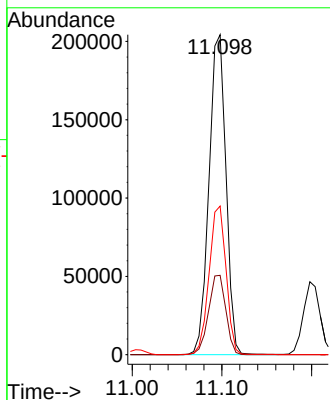
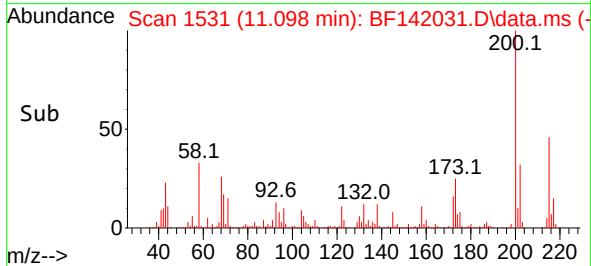
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



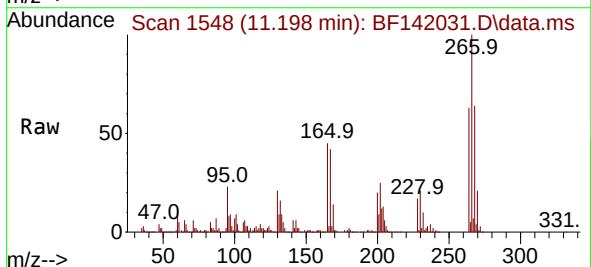
Tgt Ion:200 Resp: 26841
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.7 44.7
 215 46.5 25.4 65.4

Manual Integrations
 APPROVED

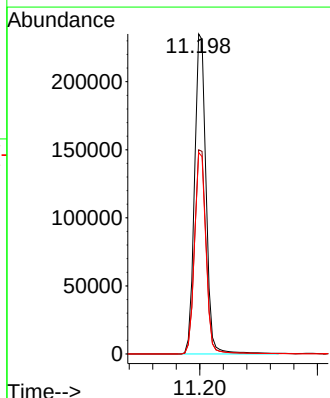
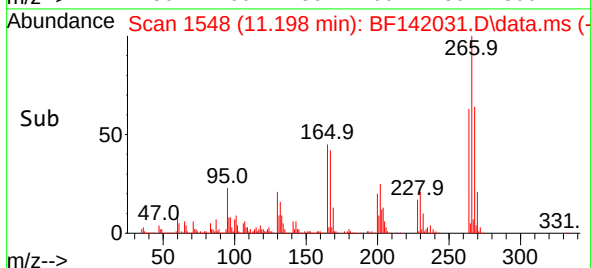
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

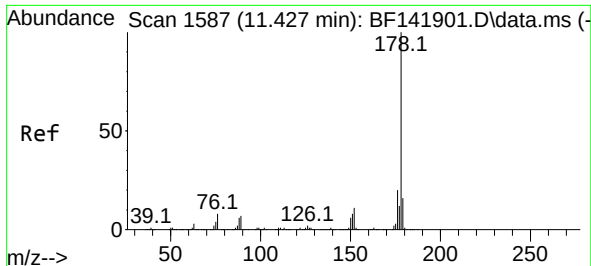


#70
 Pentachlorophenol
 Concen: 81.205 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51



Tgt Ion:266 Resp: 318410
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.6
 264 63.0 50.2 75.2





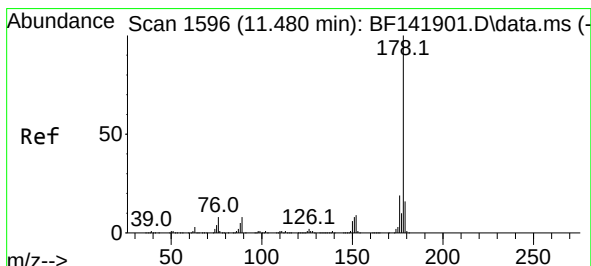
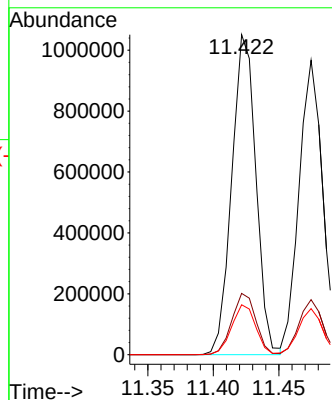
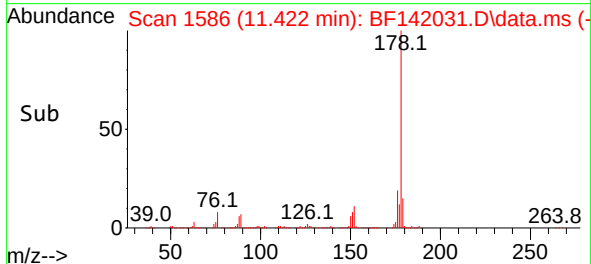
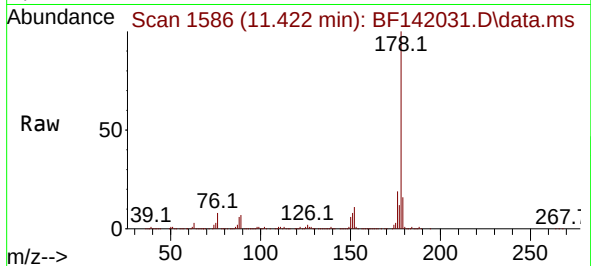
#71
Phenanthrene
Concen: 54.119 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:178 Resp: 1350559
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.6 12.6 19.0

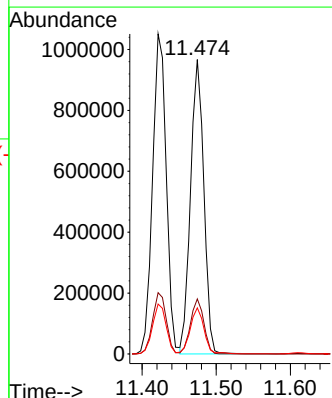
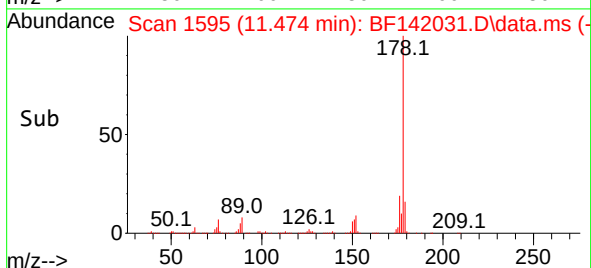
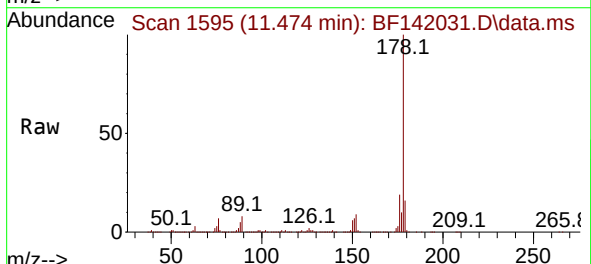
Manual Integrations
APPROVED

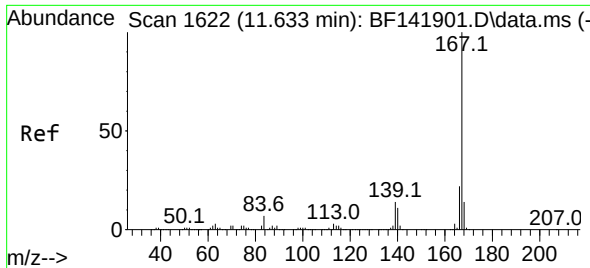
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#72
Anthracene
Concen: 48.156 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

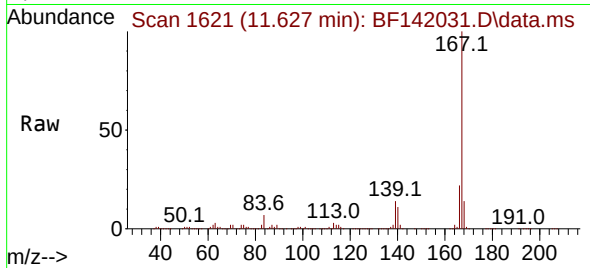
Tgt Ion:178 Resp: 1205664
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 44.781 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

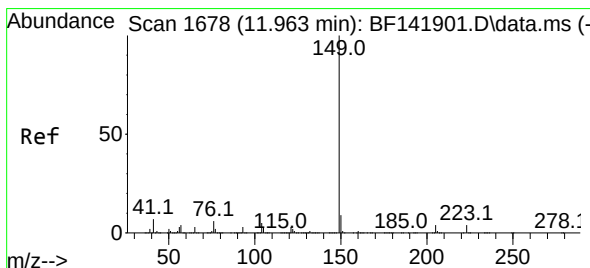
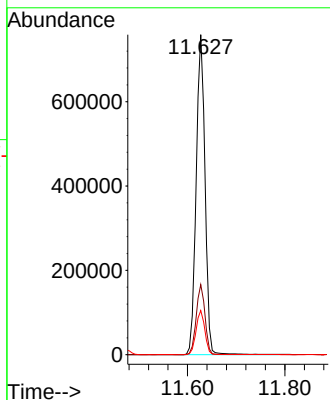
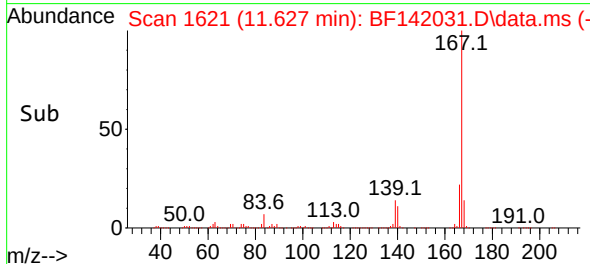
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



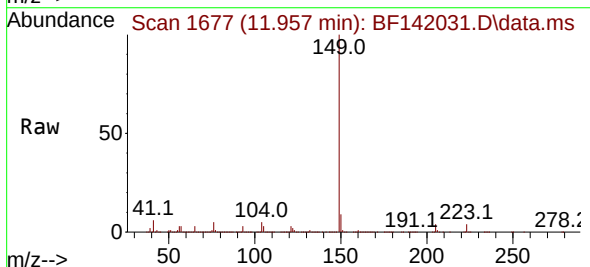
Tgt Ion:167 Resp: 966900
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.8 11.0 16.6

Manual Integrations
 APPROVED

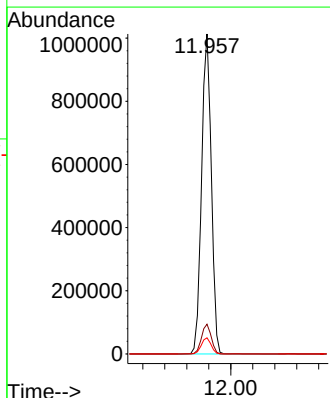
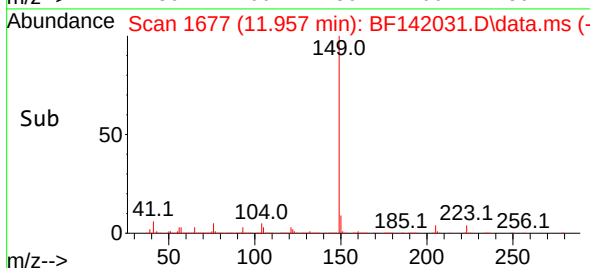
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

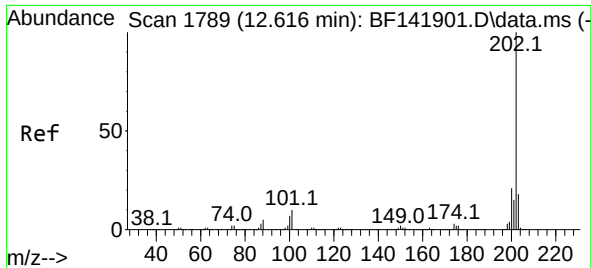


#74
 Di-n-butylphthalate
 Concen: 43.374 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51



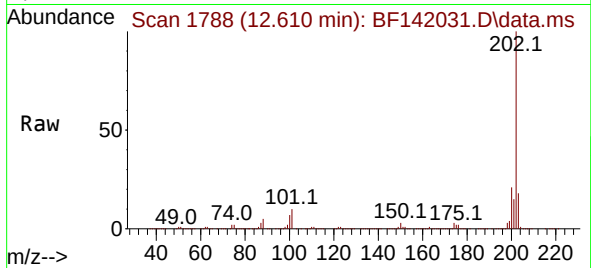
Tgt Ion:149 Resp: 1242662
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 51.319 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

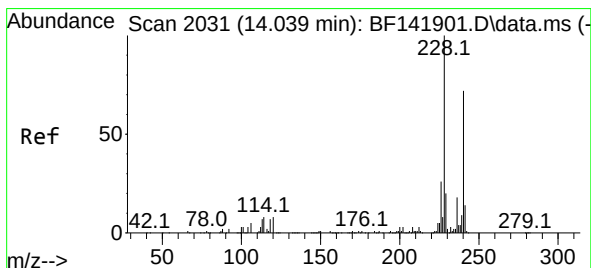
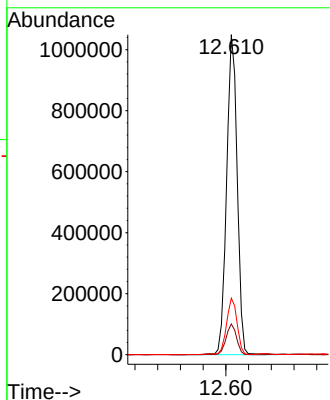
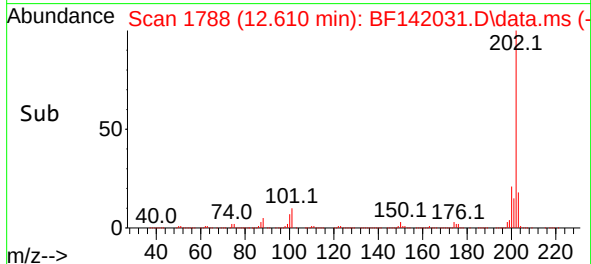
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:202 Resp: 1358510
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.7 0.0 37.8

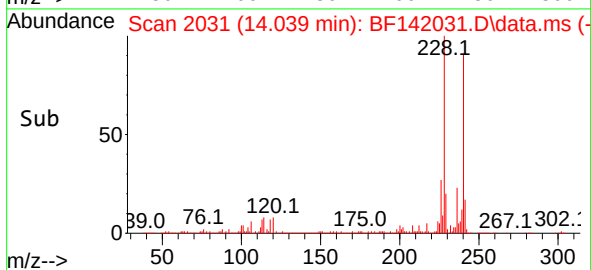
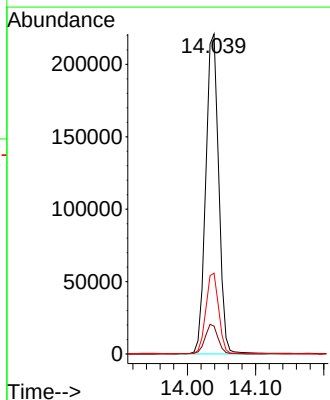
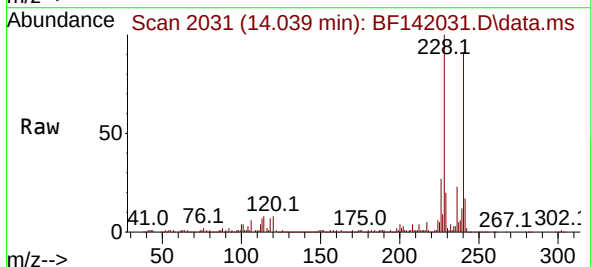
Manual Integrations
APPROVED

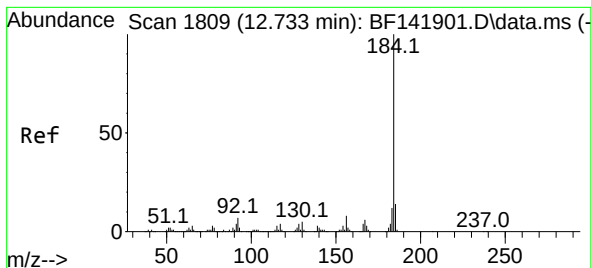
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:240 Resp: 293121
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 59.689 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:184 Resp: 24410

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

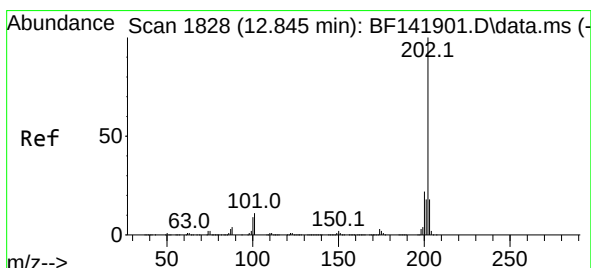
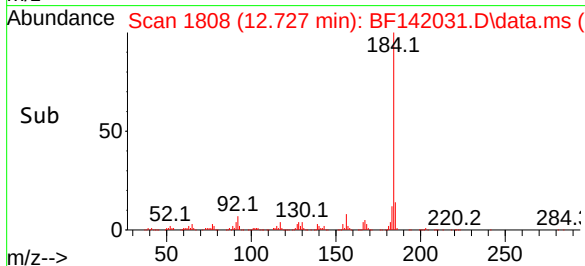
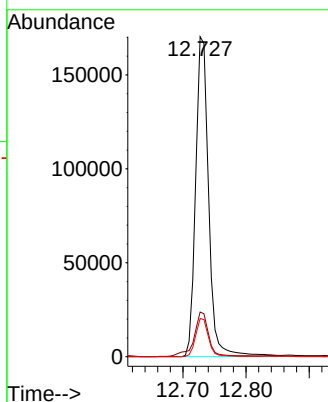
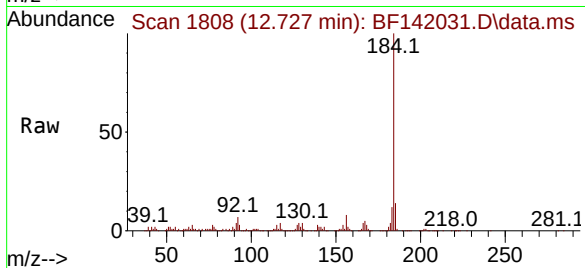
183 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#78

Pyrene

Concen: 51.659 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

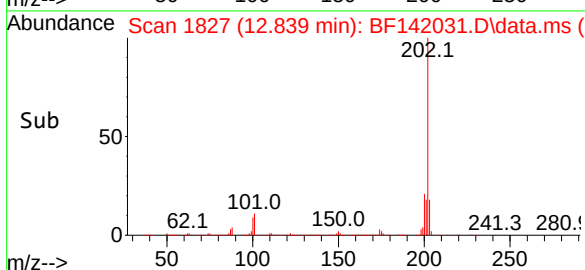
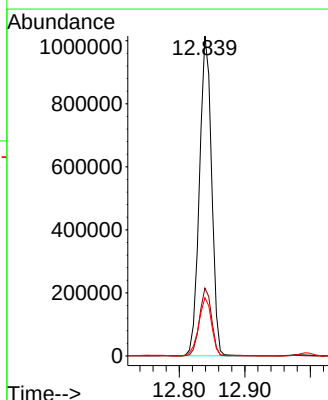
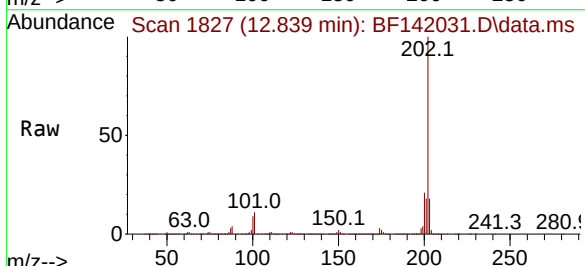
Tgt Ion:202 Resp: 1309840

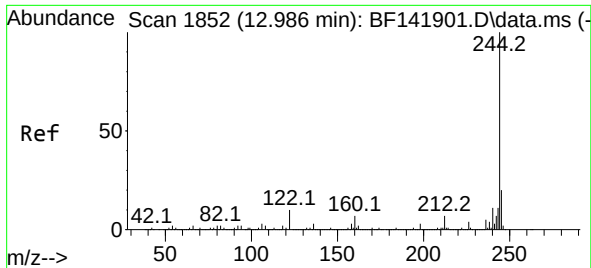
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

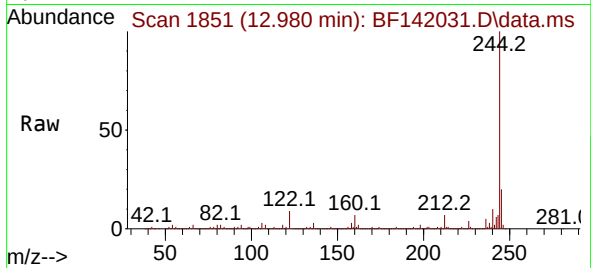
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 50.330 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

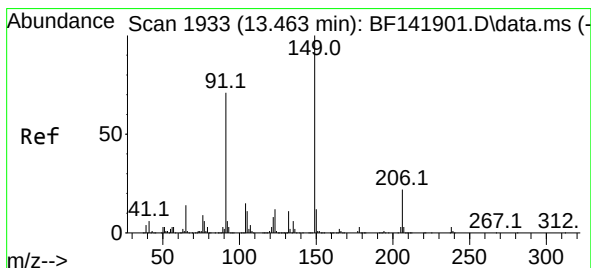
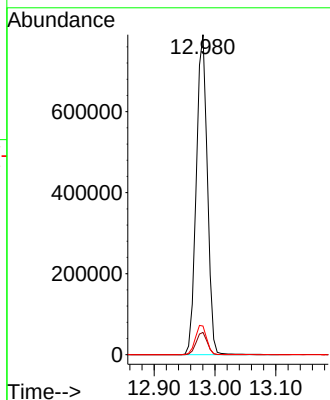
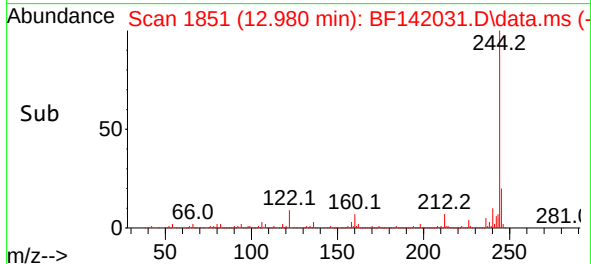
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



Tgt Ion:244 Resp: 997860
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.0 7.7 11.5

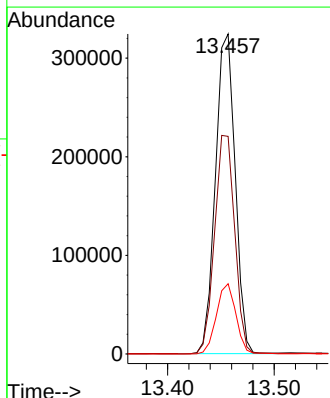
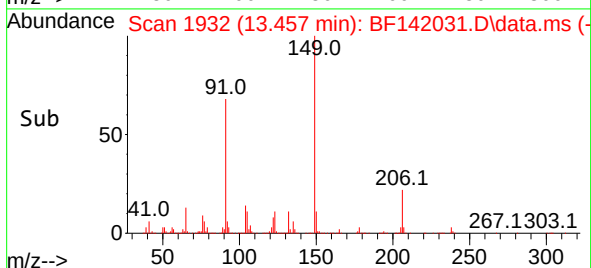
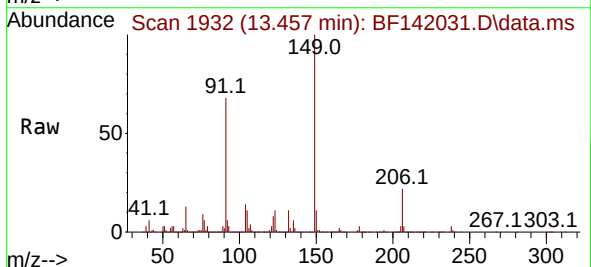
Manual Integrations
 APPROVED

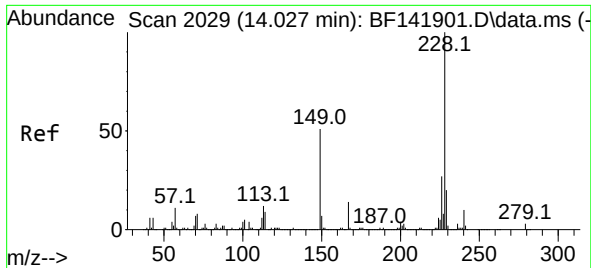
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025



#80
 Butylbenzylphthalate
 Concen: 41.994 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142031.D
 Acq: 21 Mar 2025 15:51

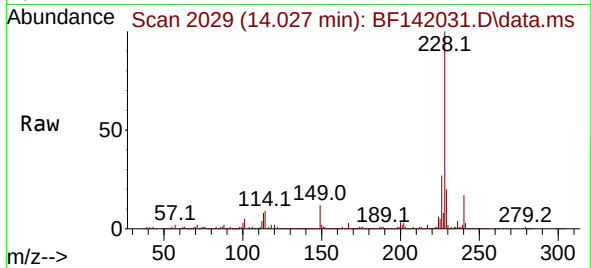
Tgt Ion:149 Resp: 416759
 Ion Ratio Lower Upper
 149 100
 91 68.0 56.5 84.7
 206 22.0 17.3 25.9





#81
Benzo(a)anthracene
Concen: 52.654 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

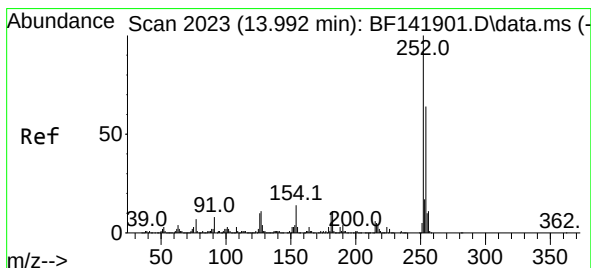
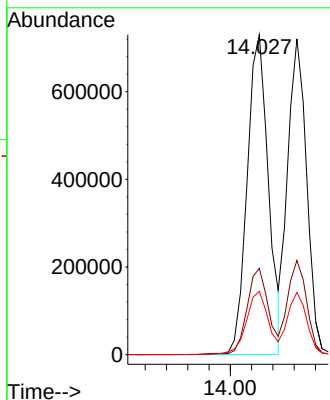
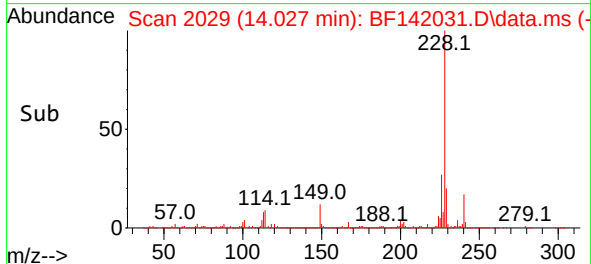
Instrument :
BNA_F
ClientSampleId :
TP-3MS



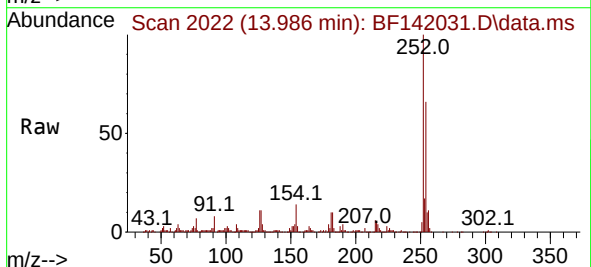
Tgt Ion:228 Resp: 1012789
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 16.0 24.0

Manual Integrations
APPROVED

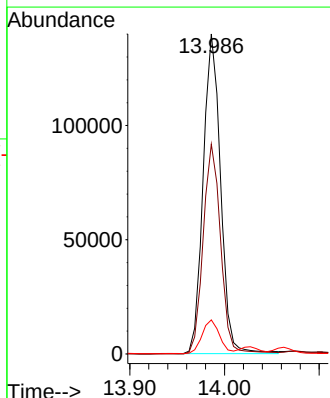
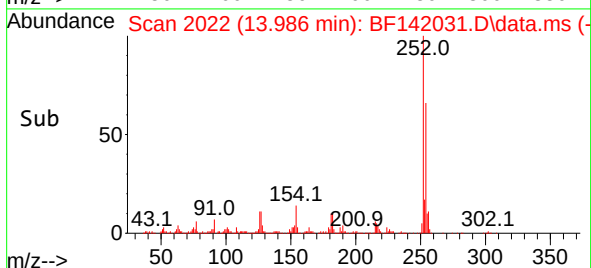
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

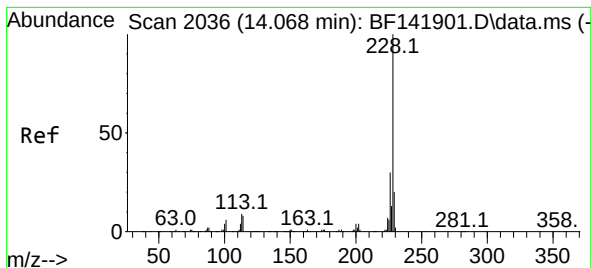


#82
3,3'-Dichlorobenzidine
Concen: 32.226 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51



Tgt Ion:252 Resp: 179128
Ion Ratio Lower Upper
252 100
254 65.5 51.0 76.6
126 10.7 8.4 12.6





#83

Chrysene

Concen: 51.308 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

TP-3MS

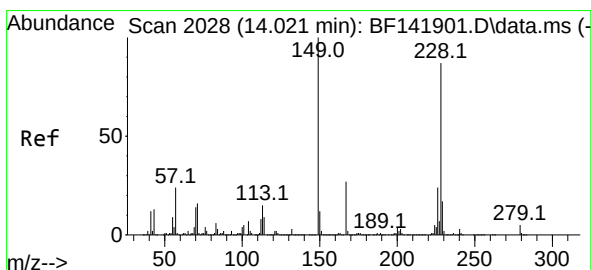
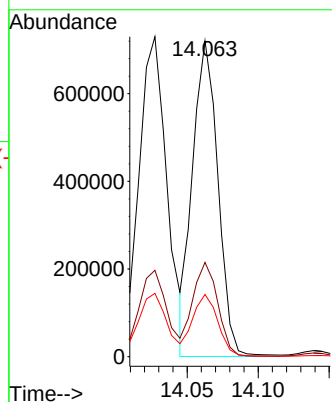
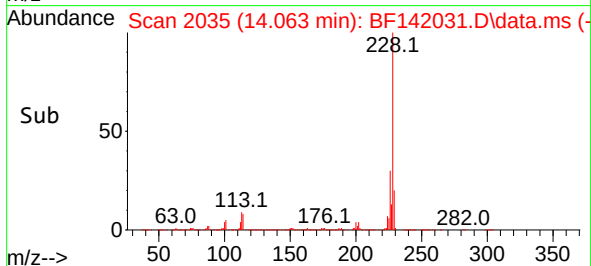
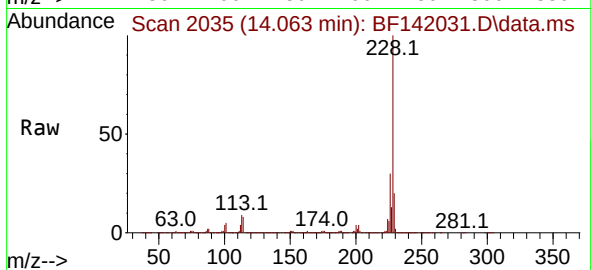
Tgt Ion:228 Resp: 894580

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.993 ng

RT: 14.010 min Scan# 2026

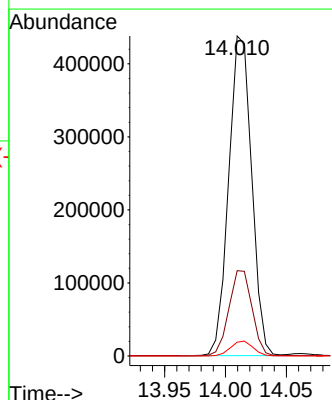
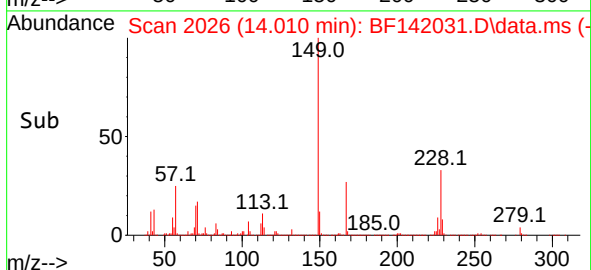
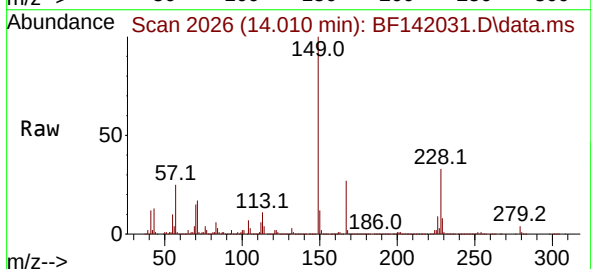
Delta R.T. -0.012 min

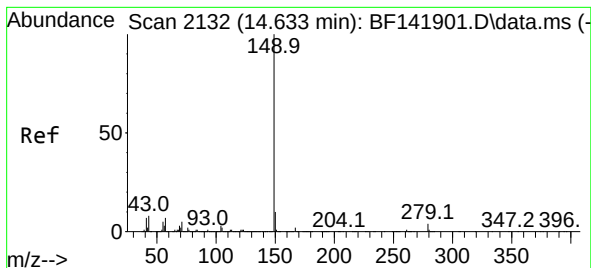
Lab File: BF142031.D

Acq: 21 Mar 2025 15:51

Tgt Ion:149 Resp: 574599

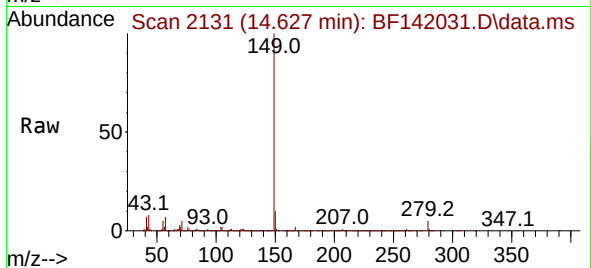
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.3	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 50.202 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

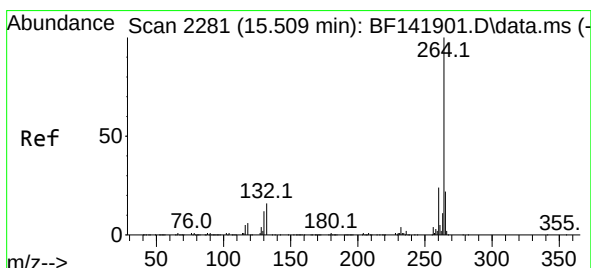
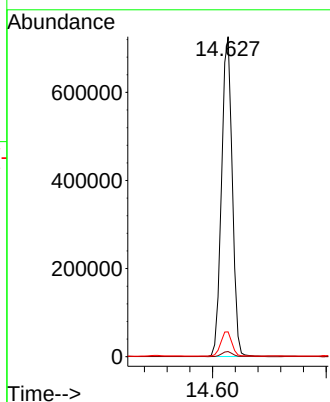
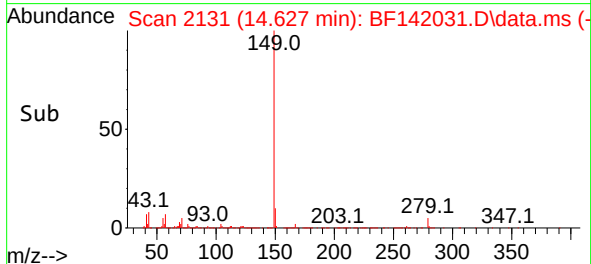
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:149 Resp: 955790
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.9 10.3

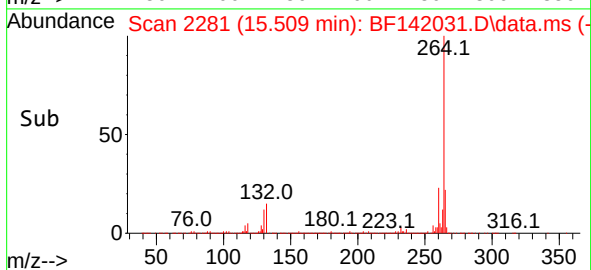
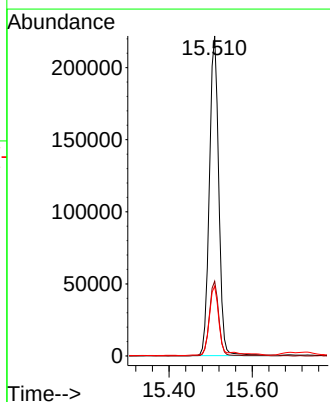
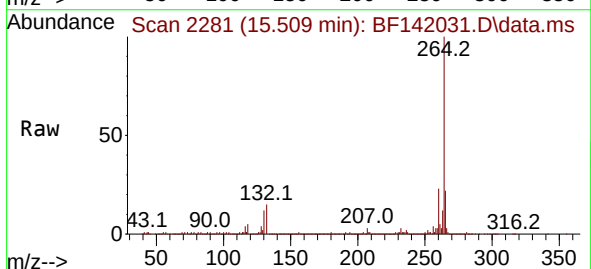
Manual Integrations
APPROVED

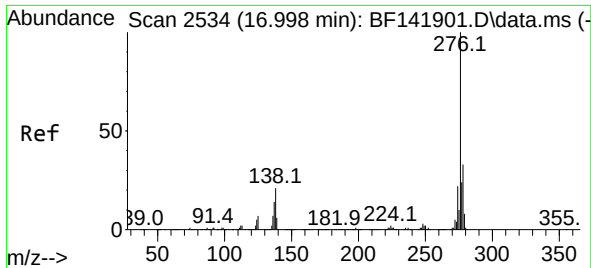
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

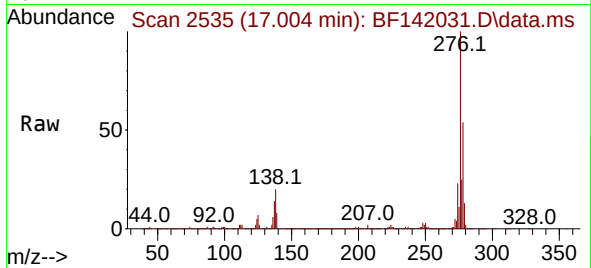
Tgt Ion:264 Resp: 346783
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.911 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

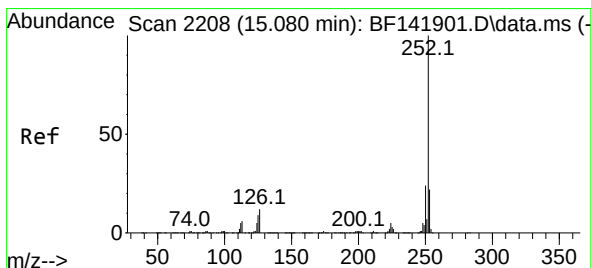
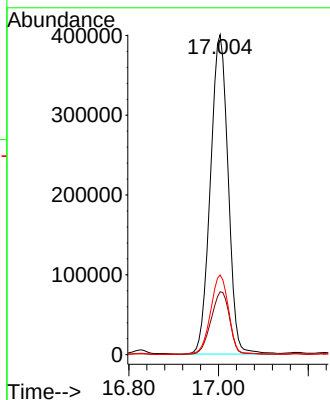
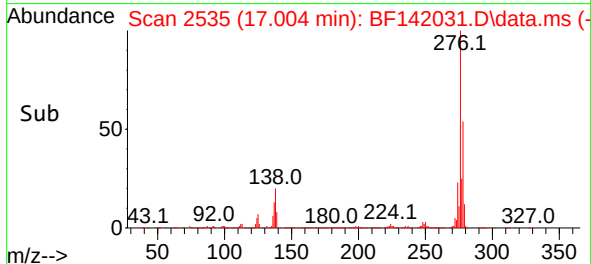
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:276 Resp: 109722
Ion Ratio Lower Upper
276 100
138 20.6 18.4 27.6
277 25.1 20.3 30.5

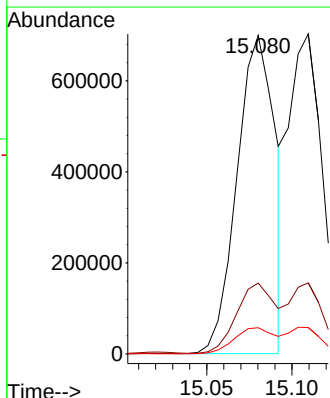
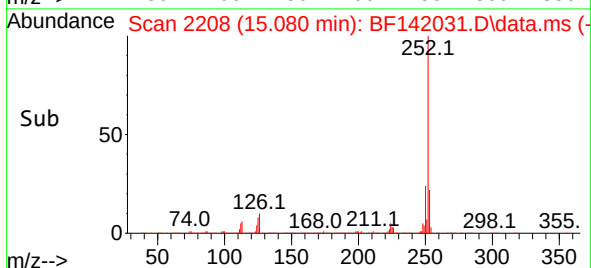
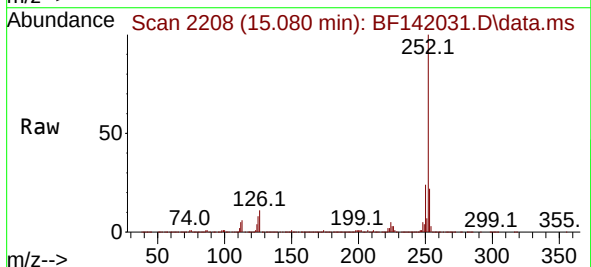
Manual Integrations
APPROVED

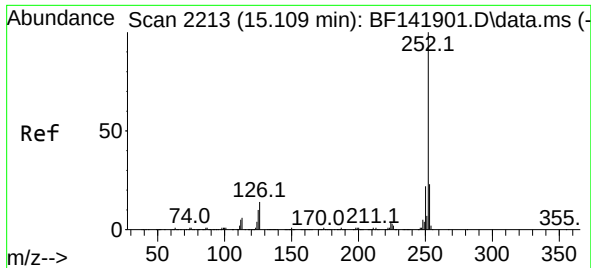
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#88
Benzo(b)fluoranthene
Concen: 45.717 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

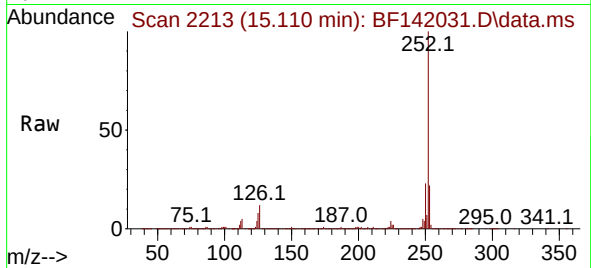
Tgt Ion:252 Resp: 1086548
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 47.258 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

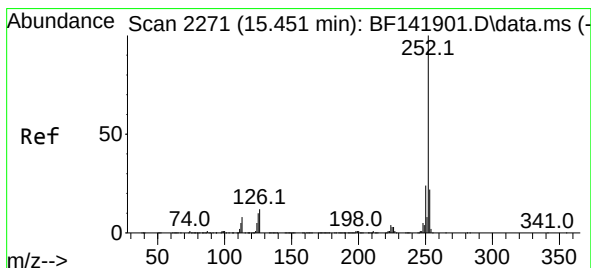
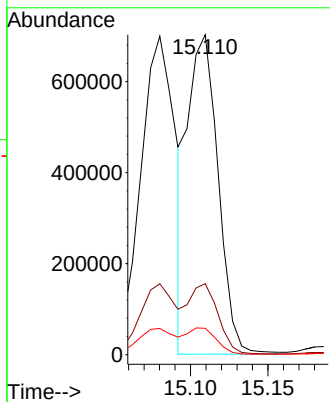
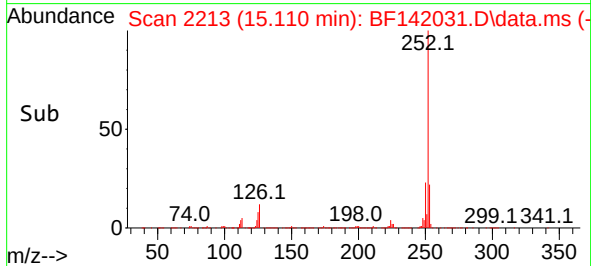
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:252 Resp: 96118
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.2 7.2 10.8

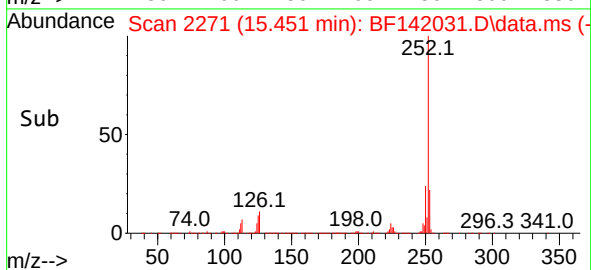
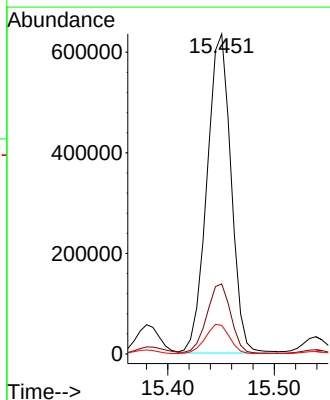
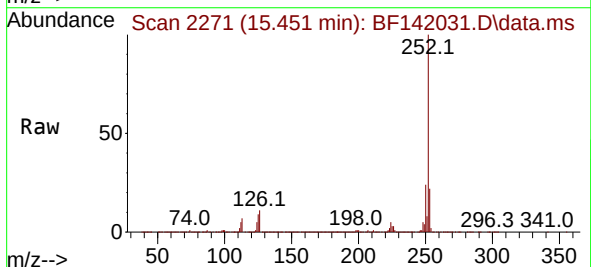
Manual Integrations
APPROVED

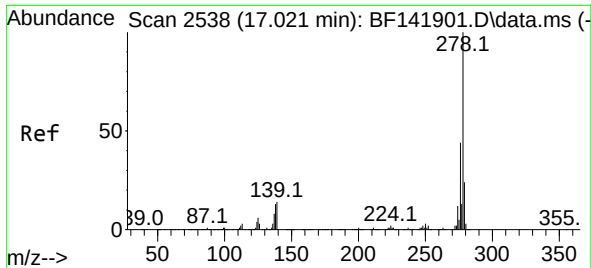
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#90
Benzo(a)pyrene
Concen: 53.610 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

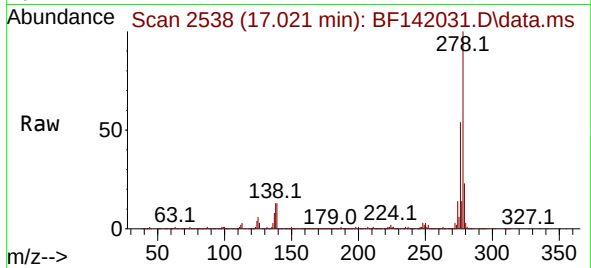
Tgt Ion:252 Resp: 996975
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 46.063 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

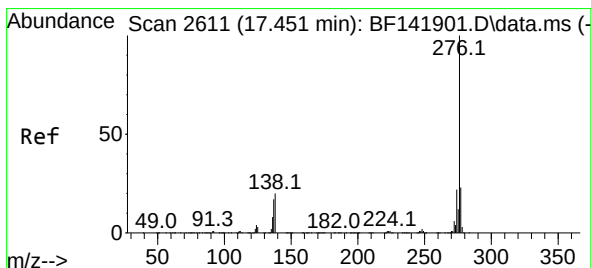
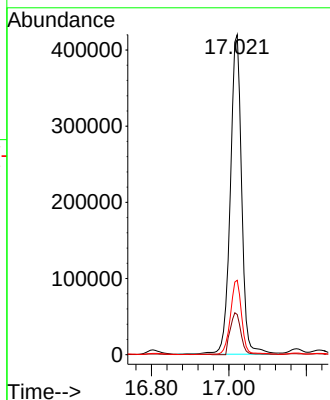
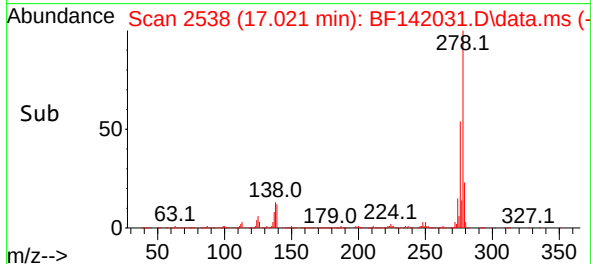
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:278 Resp: 852579
Ion Ratio Lower Upper
278 100
139 12.6 11.4 17.2
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#92
Benzo(g,h,i)perylene
Concen: 46.017 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF142031.D
Acq: 21 Mar 2025 15:51

Tgt Ion:276 Resp: 841679
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 18.9 15.8 23.8

