

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142129.D
 Acq On : 27 Mar 2025 17:16
 Operator : RC/JU
 Sample : Q1645-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 27 17:50:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	162222	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	648492	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	361930	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	576240	20.000	ng	0.00
76) Chrysene-d12	14.039	240	326035	20.000	ng	0.00
86) Perylene-d12	15.510	264	340715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1153651	118.689	ng	0.00
7) Phenol-d6	6.504	99	1447514	116.965	ng	0.00
23) Nitrobenzene-d5	7.434	82	961680	83.454	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	587579	127.969	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2020750	84.911	ng	0.00
79) Terphenyl-d14	12.980	244	1865053	84.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	181865	44.655	ng	99
3) Pyridine	3.499	79	495682	49.618	ng	97
4) n-Nitrosodimethylamine	3.452	42	225856	47.428	ng	96
6) Aniline	6.534	93	381661	31.262	ng	# 84
8) 2-Chlorophenol	6.657	128	573573	53.206	ng	97
9) Benzaldehyde	6.422	77	363521	52.521	ng	99
10) Phenol	6.522	94	652275	50.100	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	504531	51.608	ng	97
12) 1,3-Dichlorobenzene	6.810	146	603486	51.853	ng	98
13) 1,4-Dichlorobenzene	6.887	146	607262	51.570	ng	100
14) 1,2-Dichlorobenzene	7.040	146	592711	53.439	ng	98
15) Benzyl Alcohol	7.016	79	502737	50.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	538164	45.597	ng	92
17) 2-Methylphenol	7.128	107	448321	52.305	ng	97
18) Hexachloroethane	7.381	117	231249	52.369	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	375356	47.202	ng	99
20) 3+4-Methylphenols	7.281	107	550044	50.101	ng	# 80
22) Acetophenone	7.281	105	752451	48.452	ng	95
24) Nitrobenzene	7.457	77	571704	49.906	ng	97
25) Isophorone	7.698	82	1062969	52.184	ng	98
26) 2-Nitrophenol	7.769	139	320683	57.036	ng	99
27) 2,4-Dimethylphenol	7.804	122	506064	65.367	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	647635	50.692	ng	99
29) 2,4-Dichlorophenol	8.010	162	503897	52.437	ng	99
30) 1,2,4-Trichlorobenzene	8.093	180	558403	52.729	ng	99
31) Naphthalene	8.175	128	1626408	48.823	ng	100
32) Benzoic acid	7.893	122	26636m	3.914	ng	
33) 4-Chloroaniline	8.222	127	177194	15.068	ng	97
34) Hexachlorobutadiene	8.293	225	376143	54.464	ng	100
35) Caprolactam	8.610	113	112171m	38.287	ng	
36) 4-Chloro-3-methylphenol	8.704	107	538089	50.197	ng	99
37) 2-Methylnaphthalene	8.869	142	1011693	45.436	ng	99
38) 1-Methylnaphthalene	8.969	142	1045551	48.661	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	588595	53.415	ng	97
41) Hexachlorocyclopentadiene	9.022	237	753113	174.634	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	378670	52.582	ng	100

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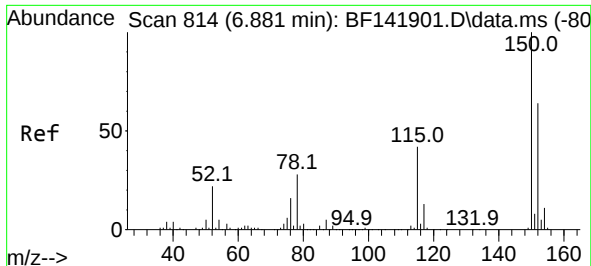
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	396259	54.328	ng	98
46) 1,1'-Biphenyl	9.334	154	1409943	51.271	ng	99
47) 2-Chloronaphthalene	9.357	162	1071639	52.283	ng	99
48) 2-Nitroaniline	9.451	65	303191	51.087	ng	98
49) Acenaphthylene	9.775	152	1649533	54.231	ng	99
50) Dimethylphthalate	9.634	163	1299095	51.256	ng	100
51) 2,6-Dinitrotoluene	9.698	165	275703	52.245	ng	94
52) Acenaphthene	9.945	154	1072537	50.176	ng	100
53) 3-Nitroaniline	9.863	138	152024	28.400	ng	95
54) 2,4-Dinitrophenol	9.969	184	117675	42.596	ng	# 52
55) Dibenzofuran	10.116	168	1490788	48.809	ng	99
56) 4-Nitrophenol	10.028	139	377218	93.445	ng	97
57) 2,4-Dinitrotoluene	10.104	165	382385	55.479	ng	99
58) Fluorene	10.463	166	1166359	49.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	301915	45.489	ng	97
60) Diethylphthalate	10.334	149	1248905	49.418	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	627983	51.139	ng	98
62) 4-Nitroaniline	10.481	138	262986	50.464	ng	98
63) Azobenzene	10.610	77	1175735	50.040	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	131978	38.419	ng	94
66) n-Nitrosodiphenylamine	10.575	169	1020279	54.714	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	404239	55.858	ng	99
68) Hexachlorobenzene	11.010	284	461911	58.195	ng	94
69) Atrazine	11.098	200	338257	59.172	ng	98
70) Pentachlorophenol	11.204	266	304387	62.242	ng	100
71) Phenanthrene	11.422	178	1612537	51.809	ng	99
72) Anthracene	11.475	178	1630595	52.219	ng	100
73) Carbazole	11.628	167	1326668	49.264	ng	99
74) Di-n-butylphthalate	11.957	149	1711680	47.902	ng	100
75) Fluoranthene	12.610	202	1470247	44.531	ng	99
77) Benzidine	12.733	184	311134	68.399	ng	98
78) Pyrene	12.839	202	1421167	50.392	ng	100
80) Butylbenzylphthalate	13.457	149	543895	49.273	ng	97
81) Benzo(a)anthracene	14.027	228	1115577	52.143	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	96301	15.576	ng	99
83) Chrysene	14.063	228	1017036	52.442	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	748331	49.169	ng	99
85) Di-n-octyl phthalate	14.627	149	1228894	58.031	ng	97
87) Indeno(1,2,3-cd)pyrene	17.010	276	1273840	57.796	ng	98
88) Benzo(b)fluoranthene	15.080	252	1035171	44.331	ng	99
89) Benzo(k)fluoranthene	15.110	252	1060006	53.045	ng	99
90) Benzo(a)pyrene	15.451	252	1013722	55.481	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1048657	57.666	ng	98
92) Benzo(g,h,i)perylene	17.462	276	972490	54.116	ng	97

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

Manual Integrations

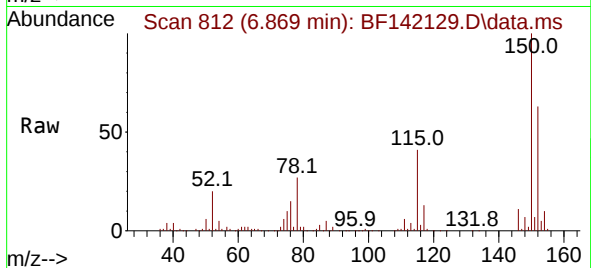
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

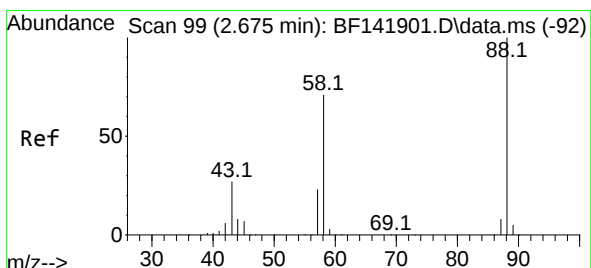
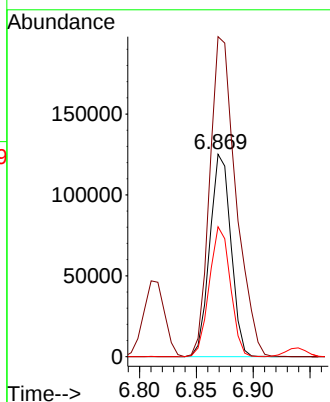
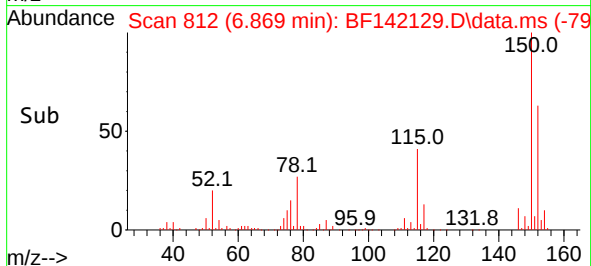
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 16222
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.2
115 64.2 51.9 77.9

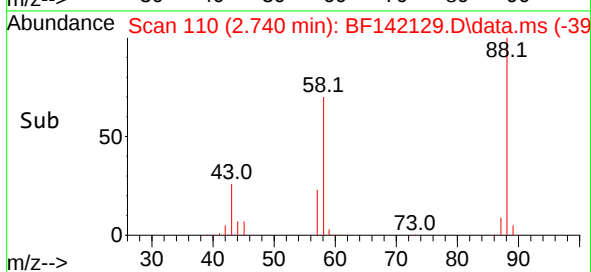
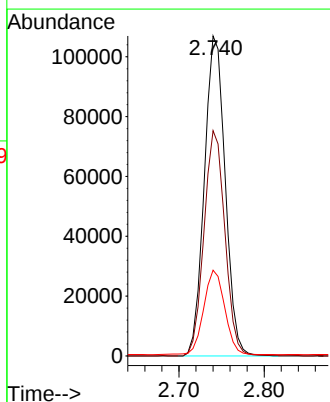
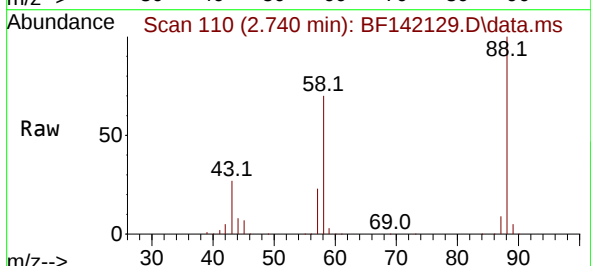
Manual Integrations
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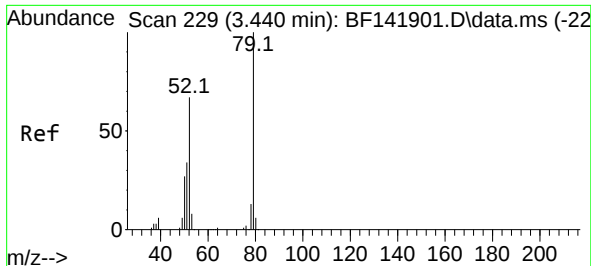
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#2
1,4-Dioxane
Concen: 44.655 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.065 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

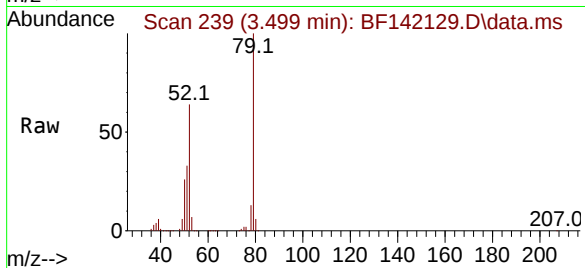
Tgt Ion: 88 Resp: 181865
Ion Ratio Lower Upper
88 100
58 70.5 57.4 86.2
43 26.7 21.5 32.3





#3
Pyridine
Concen: 49.618 ng
RT: 3.499 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

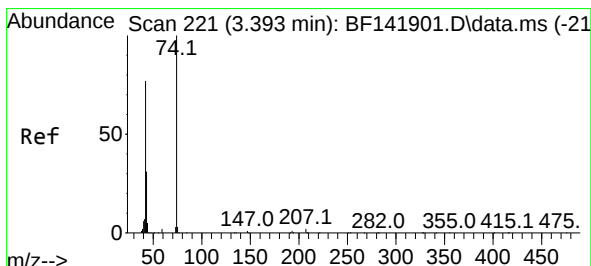
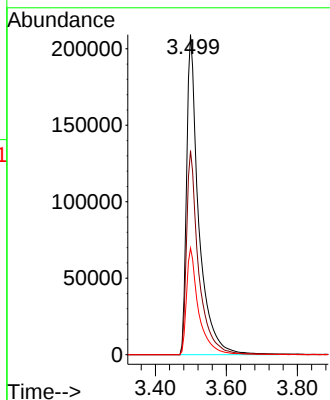
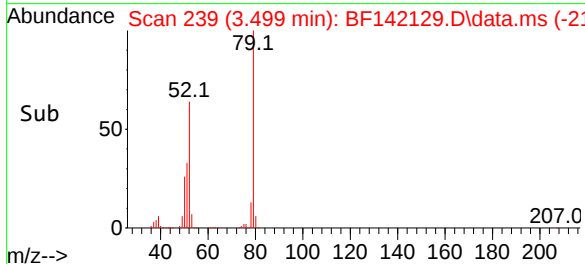
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



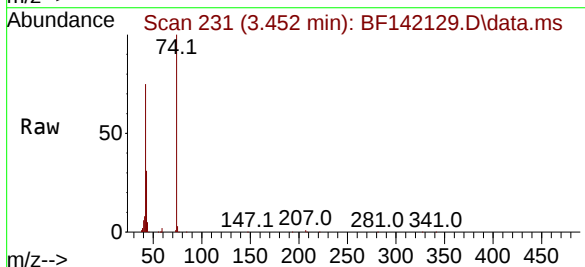
Tgt Ion: 79 Resp: 49568
Ion Ratio Lower Upper
79 100
52 63.8 53.3 79.9
51 33.3 27.6 41.4

Manual Integrations
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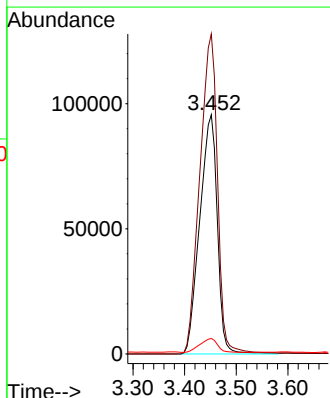
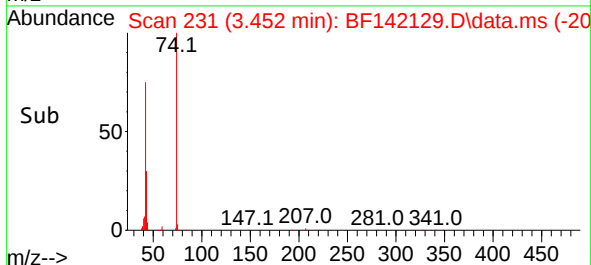
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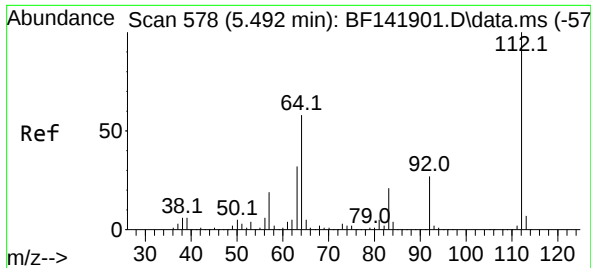


#4
n-Nitrosodimethylamine
Concen: 47.428 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.059 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



Tgt Ion: 42 Resp: 225856
Ion Ratio Lower Upper
42 100
74 133.7 103.4 155.0
44 6.5 5.0 7.4





#5
2-Fluorophenol
Concen: 118.689 ng
RT: 5.499 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

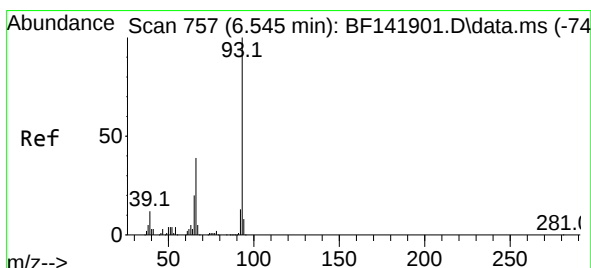
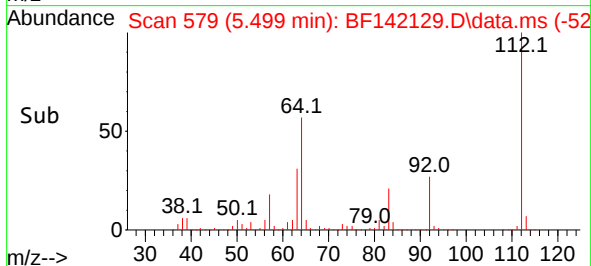
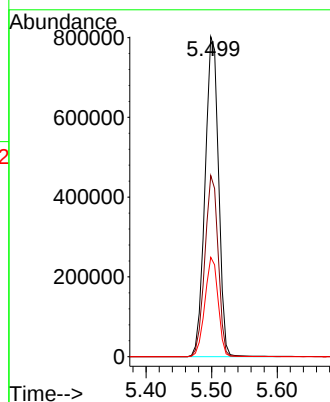
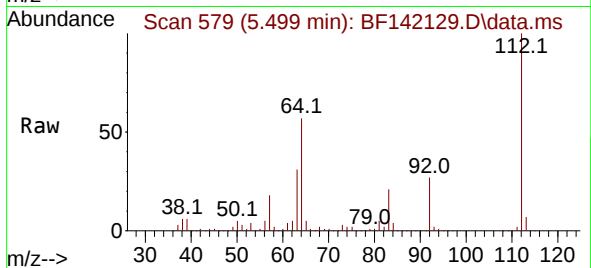
TP-4MSD

Tgt Ion:112 Resp: 115365
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 31.0 25.4 38.2

Manual Integrations

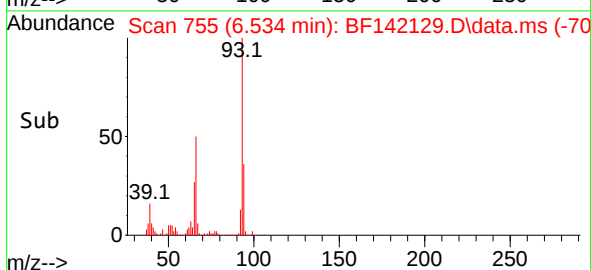
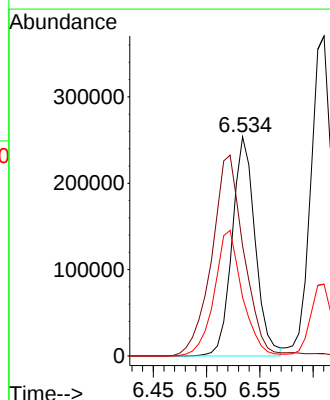
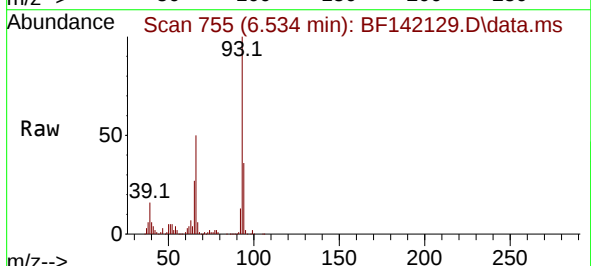
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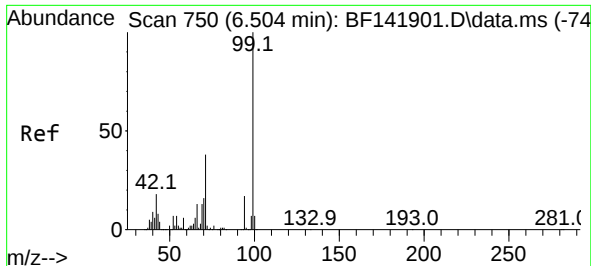
Reviewed By :Anahy Claudio 03/28/2025
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#6
Aniline
Concen: 31.262 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

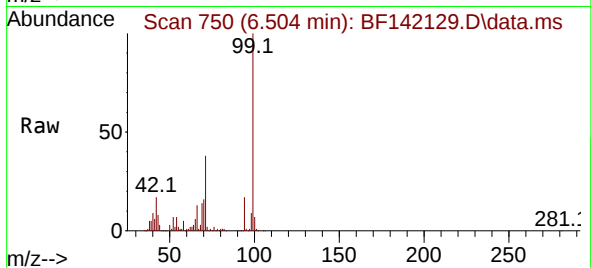
Tgt Ion: 93 Resp: 381661
Ion Ratio Lower Upper
93 100
66 50.1 31.9 47.9#
65 26.7 15.8 23.6#





#7
Phenol-d6
Concen: 116.965 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

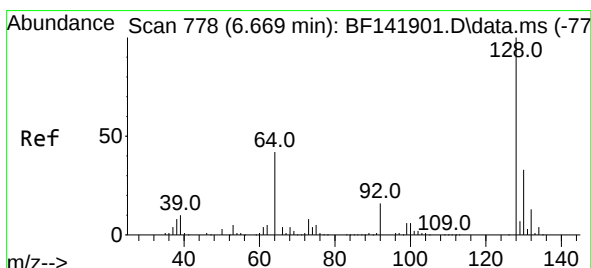
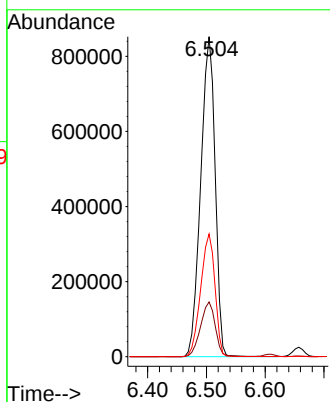
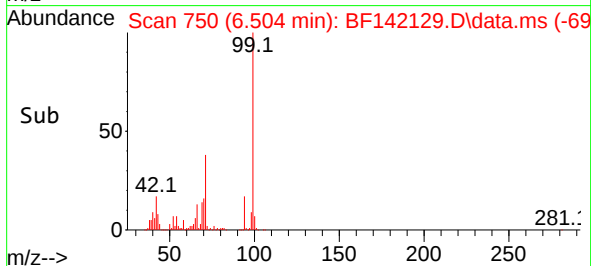
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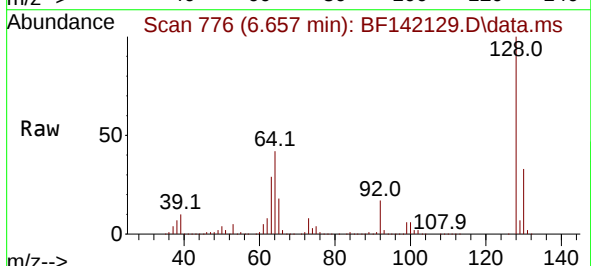
Tgt Ion: 99 Resp: 1447514
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.3 30.8 46.2

Manual Integrations
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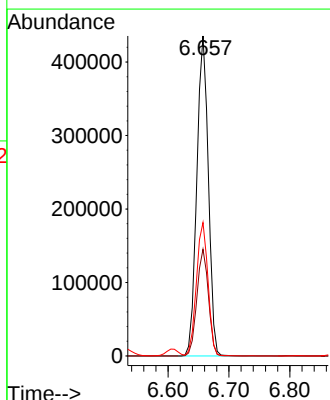
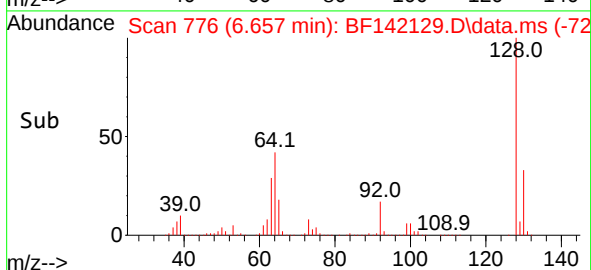
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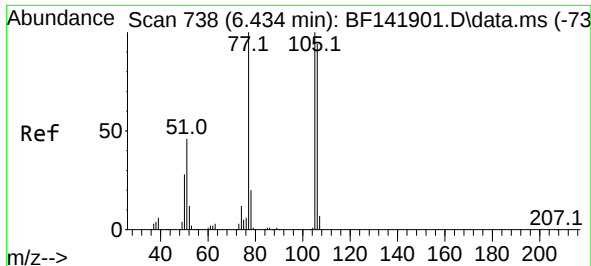


#8
2-Chlorophenol
Concen: 53.206 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



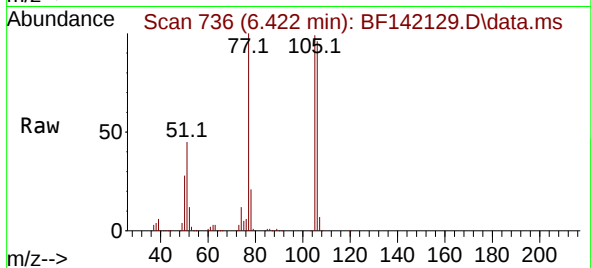
Tgt Ion:128 Resp: 573573
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 41.7 24.4 64.4





#9
Benzaldehyde
Concen: 52.521 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

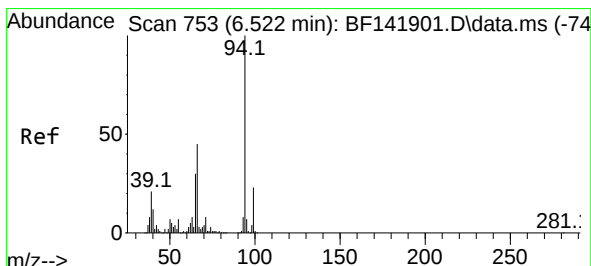
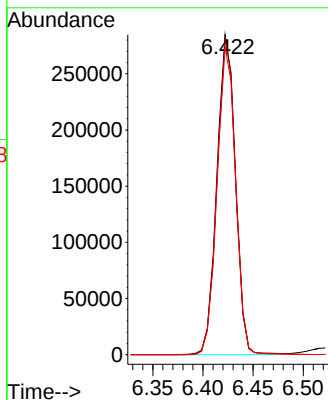
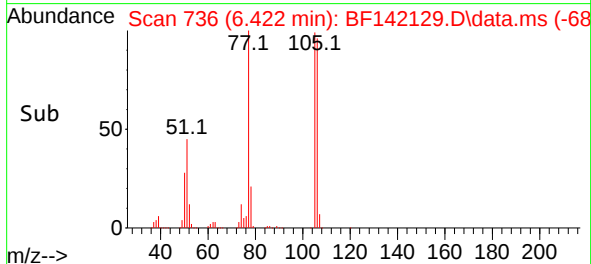
Instrument :
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Tgt Ion: 77 Resp: 36352
Ion Ratio Lower Upper
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105 98.8 80.0 120.0
106 96.1 74.5 114.5

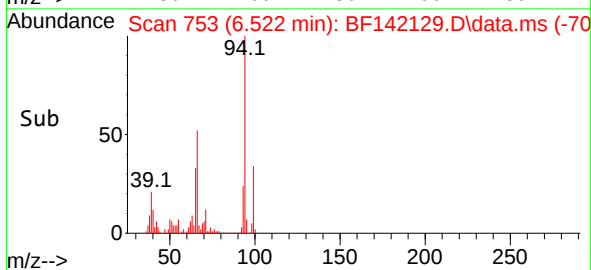
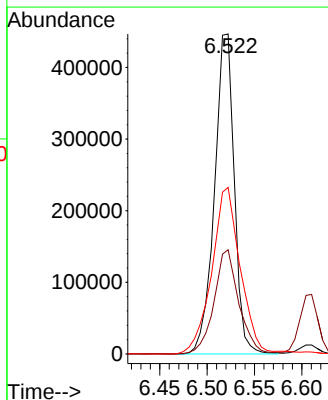
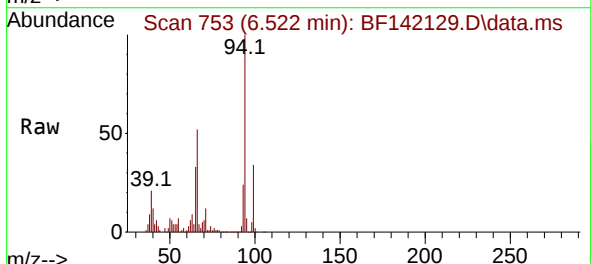
Manual Integrations
APPROVED

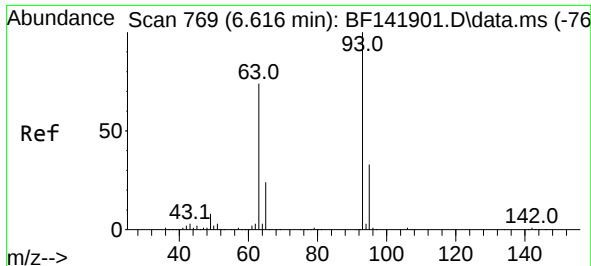
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#10
Phenol
Concen: 50.100 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion: 94 Resp: 652275
Ion Ratio Lower Upper
94 100
65 32.6 10.5 50.5
66 52.1 25.8 65.8





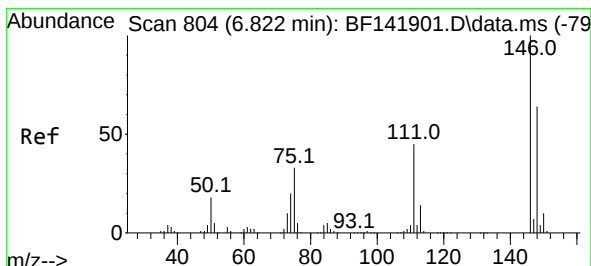
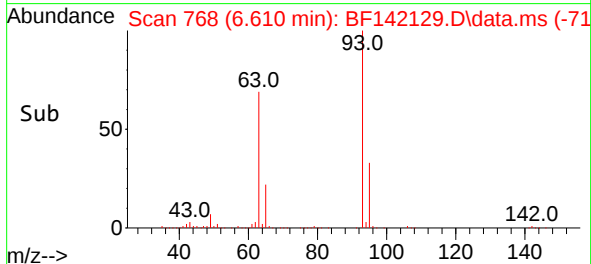
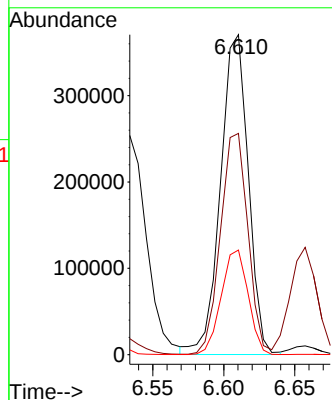
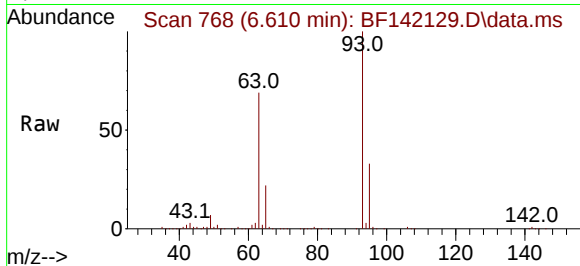
#11
bis(2-Chloroethyl)ether
Concen: 51.608 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 93 Resp: 50453
Ion Ratio Lower Upper
93 100
63 69.2 53.0 93.0
95 32.7 12.9 52.9

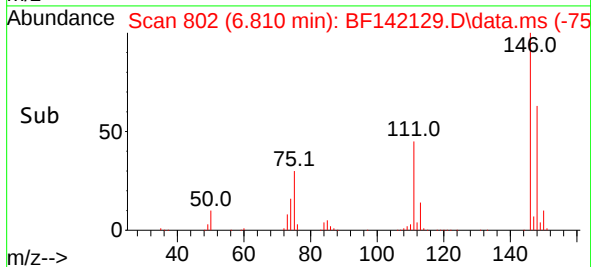
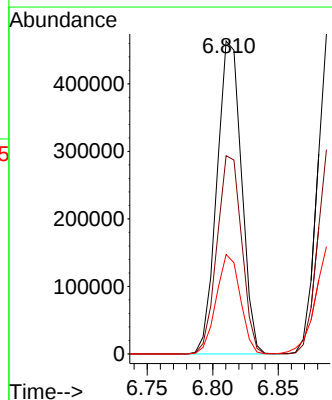
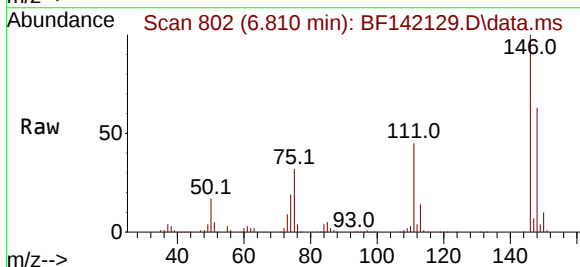
Manual Integrations
APPROVED

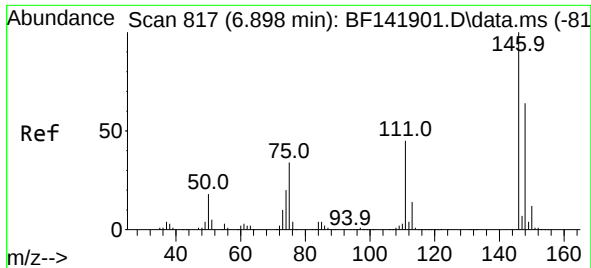
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#12
1,3-Dichlorobenzene
Concen: 51.853 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

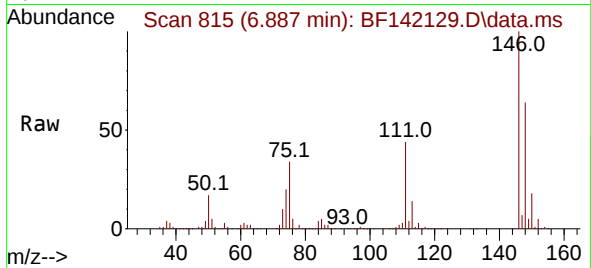
Tgt Ion:146 Resp: 603486
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 31.8 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 51.570 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

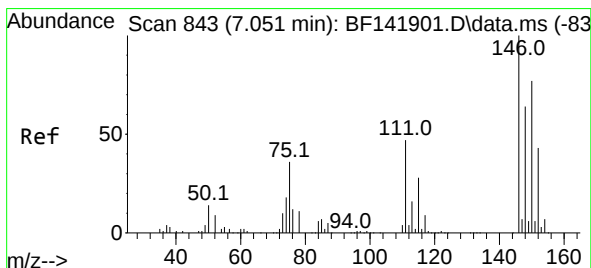
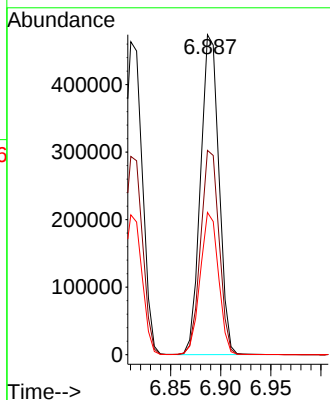
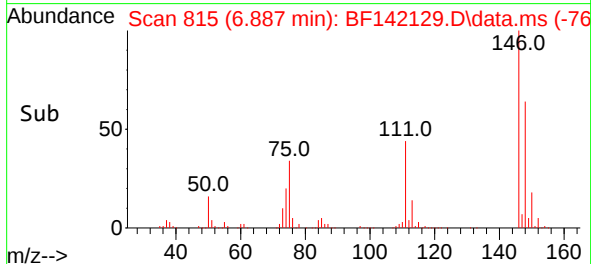
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



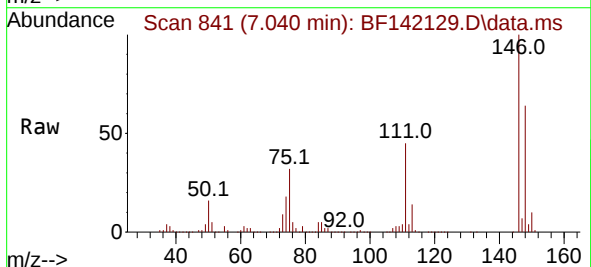
Tgt Ion:146 Resp: 607262
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.5 35.7 53.5

Manual Integrations
APPROVED

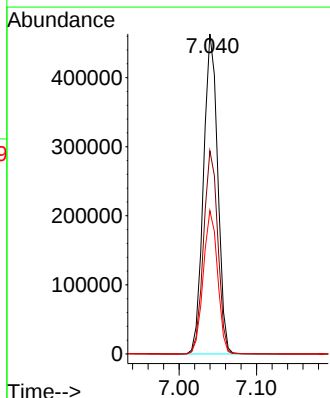
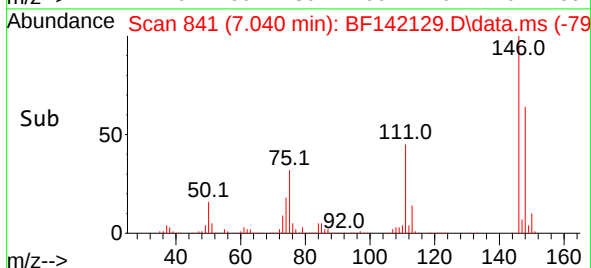
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

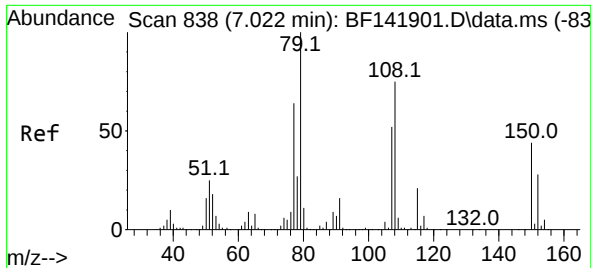


#14
1,2-Dichlorobenzene
Concen: 53.439 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



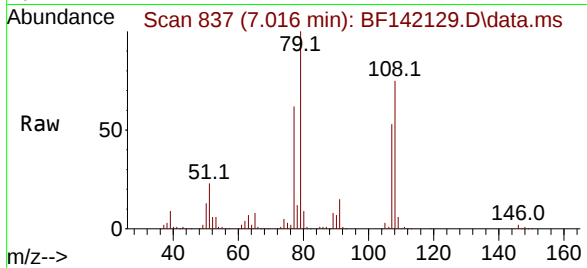
Tgt Ion:146 Resp: 592711
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 44.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 50.249 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

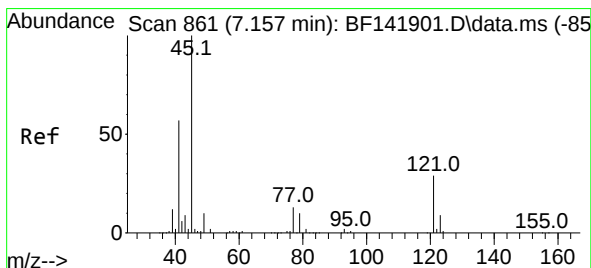
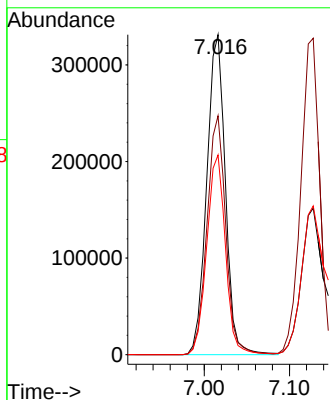
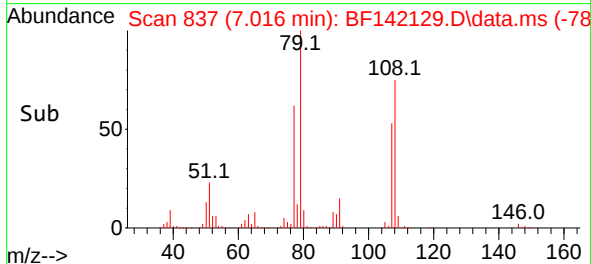
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 79 Resp: 50273
Ion Ratio Lower Upper
79 100
108 74.7 59.7 89.5
77 62.4 51.0 76.6

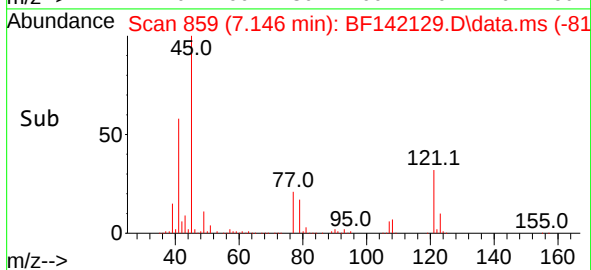
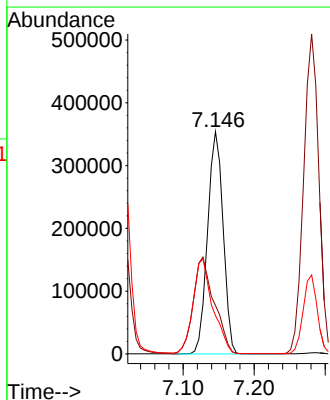
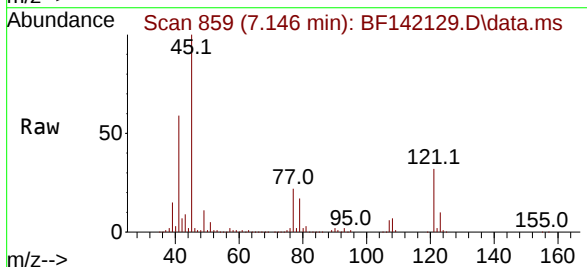
Manual Integrations
APPROVED

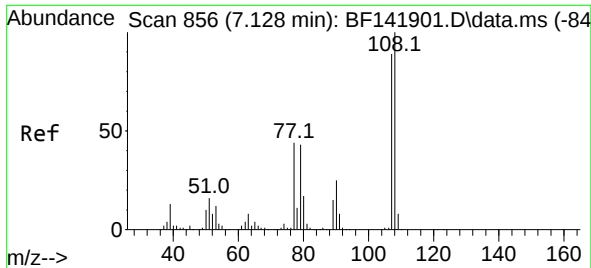
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.597 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

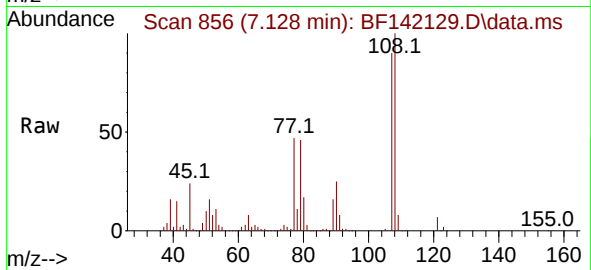
Tgt Ion: 45 Resp: 538164
Ion Ratio Lower Upper
45 100
77 21.8 0.0 37.8
79 17.2 0.0 34.2





#17
2-Methylphenol
Concen: 52.305 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

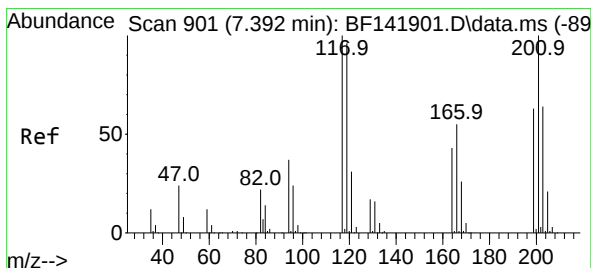
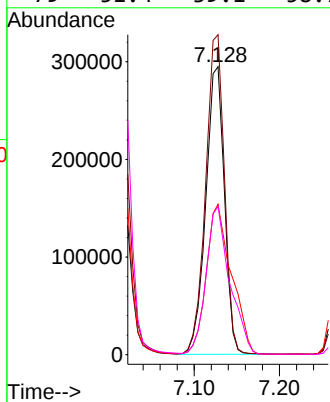
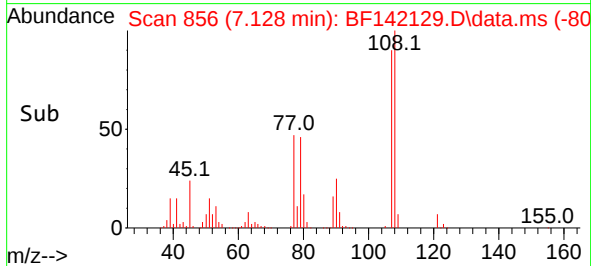
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:107 Resp: 44832
Ion Ratio Lower Upper
107 100
108 111.1 90.2 135.2
77 52.2 39.6 59.4
79 51.4 39.1 58.7

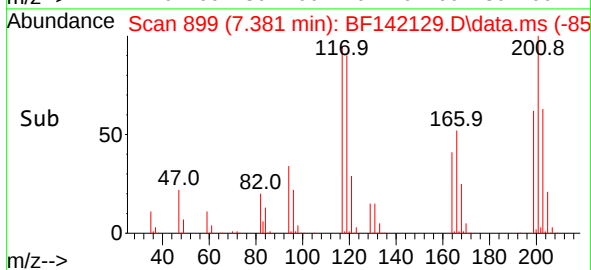
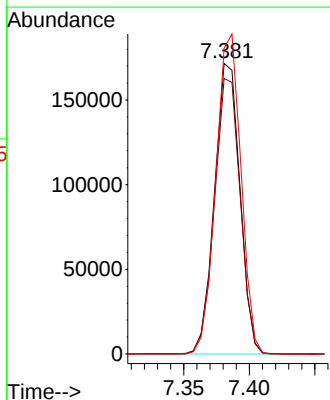
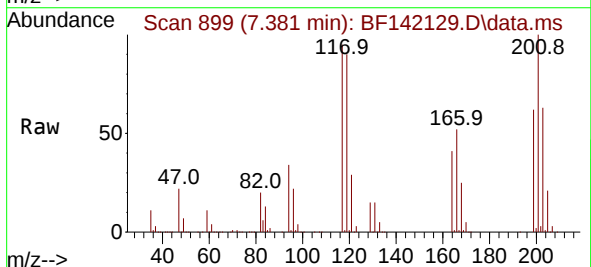
Manual Integrations
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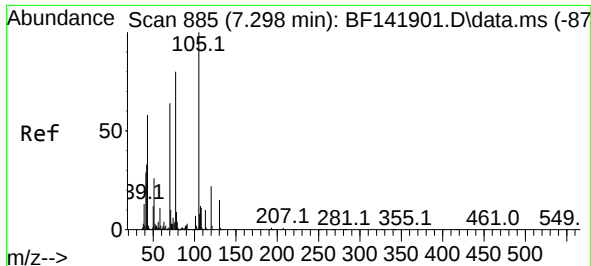
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#18
Hexachloroethane
Concen: 52.369 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:117 Resp: 231249
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
201 105.2 79.9 119.9





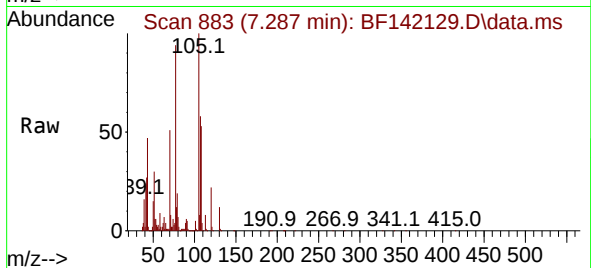
#19
n-Nitroso-di-n-propylamine
Concen: 47.202 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

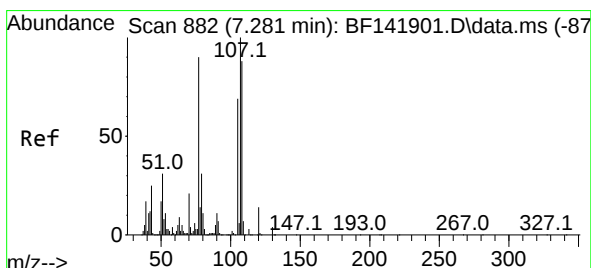
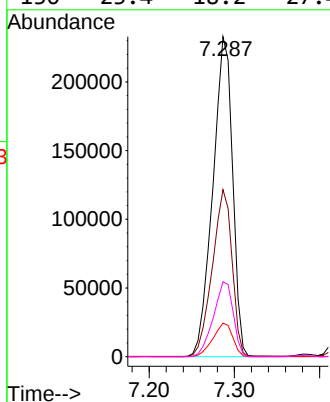
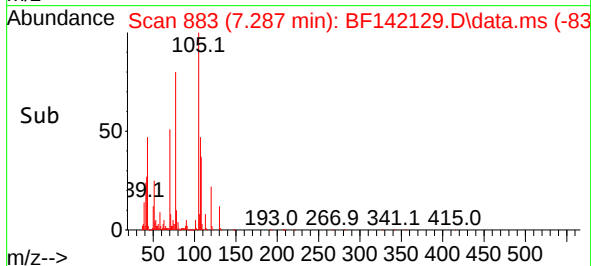


Tgt Ion: 70 Resp: 375350
Ion Ratio Lower Upper
70 100
42 52.2 41.4 62.0
101 10.5 8.2 12.2
130 23.4 18.2 27.4

Manual Integrations

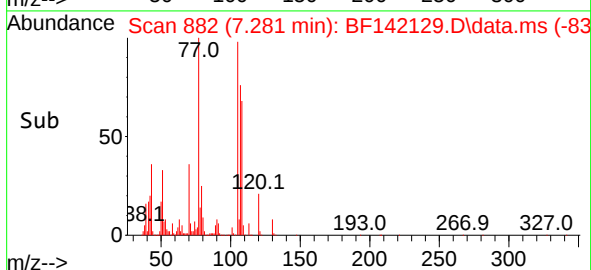
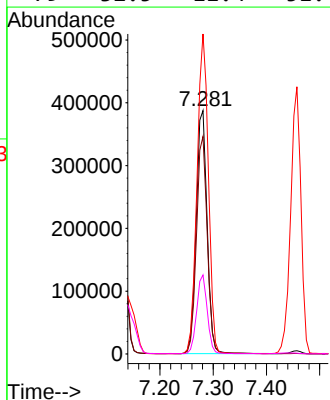
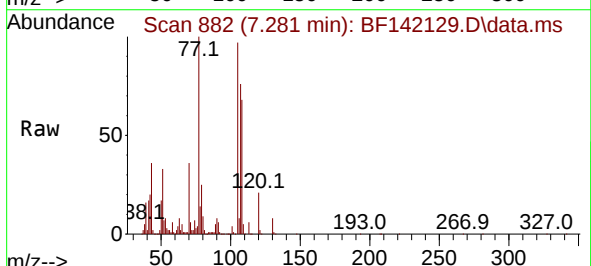
APPROVED

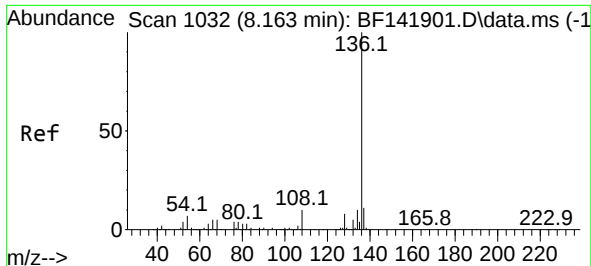
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#20
3+4-Methylphenols
Concen: 50.101 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:107 Resp: 550044
Ion Ratio Lower Upper
107 100
108 89.4 68.4 108.4
77 131.5 69.7 109.7#
79 32.5 11.4 51.4





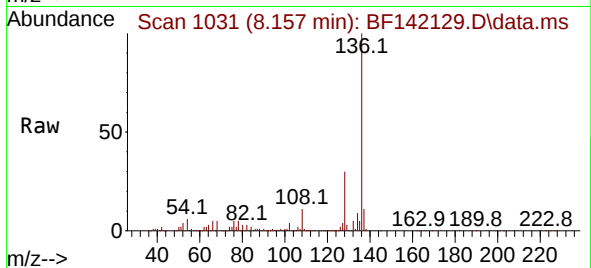
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

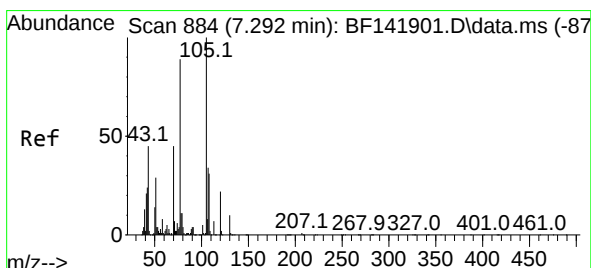
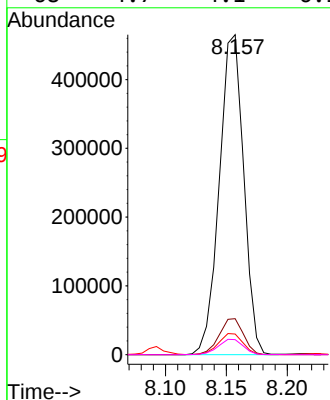
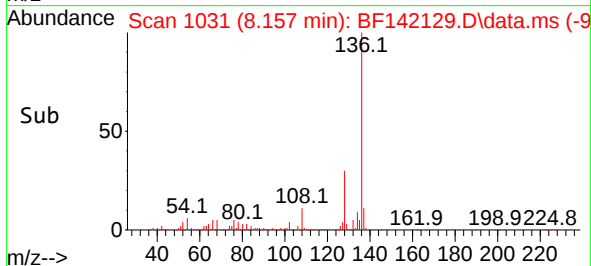


Tgt Ion:136 Resp: 648492
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.4 5.8 8.8
68 4.7 4.1 6.1

Manual Integrations

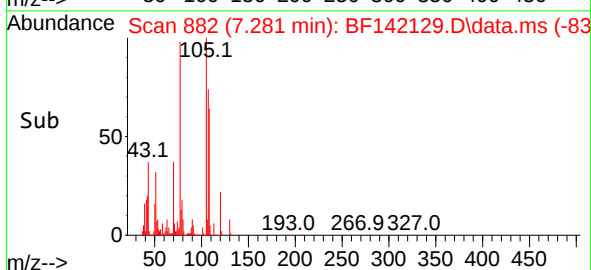
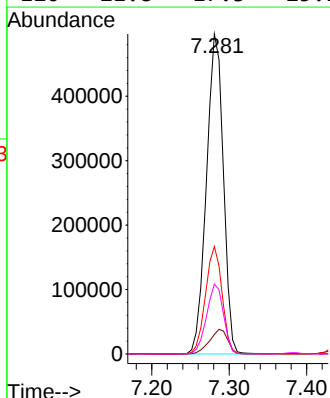
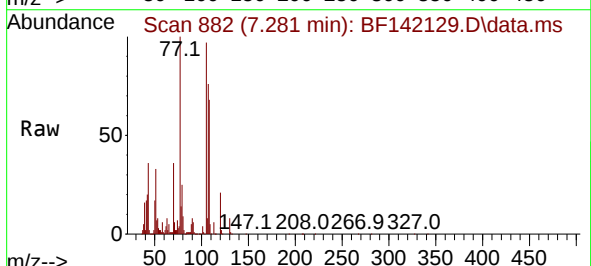
APPROVED

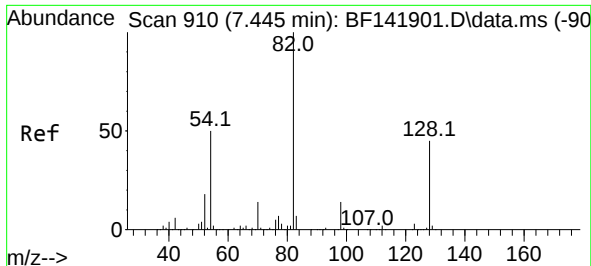
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#22
Acetophenone
Concen: 48.452 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:105 Resp: 752451
Ion Ratio Lower Upper
105 100
71 6.1 5.8 8.8
51 33.6 23.4 35.0
120 21.8 17.3 25.9





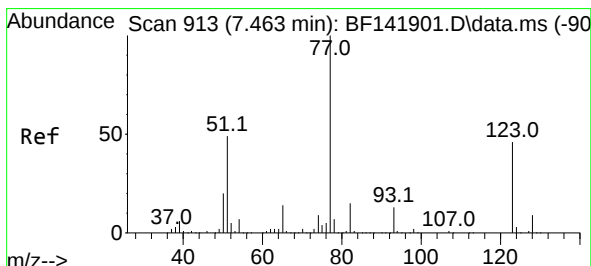
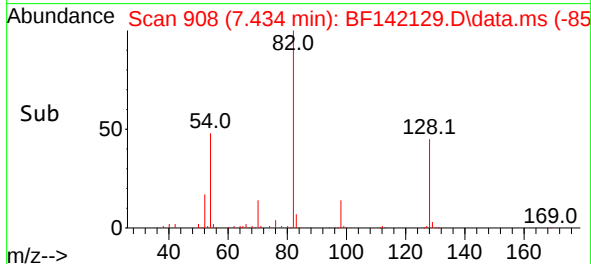
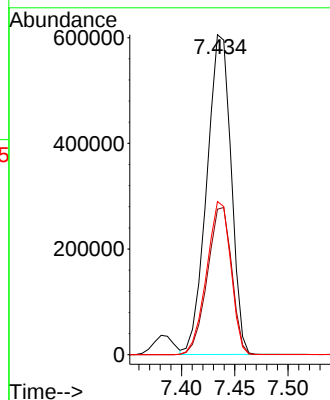
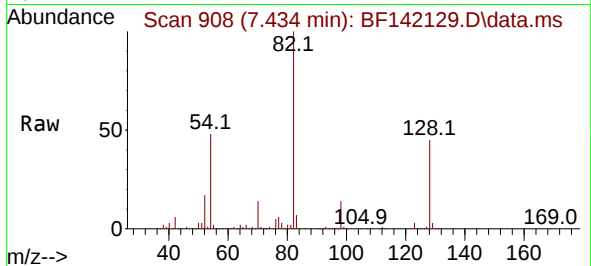
#23
Nitrobenzene-d5
Concen: 83.454 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 82 Resp: 961680
Ion Ratio Lower Upper
82 100
128 45.5 36.0 54.0
54 47.9 39.6 59.4

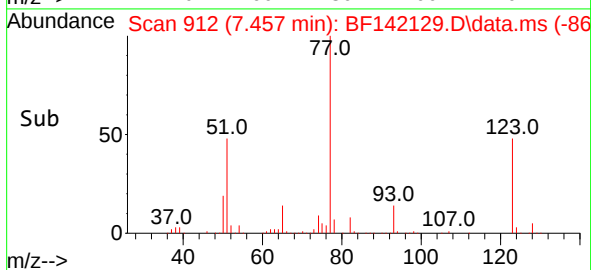
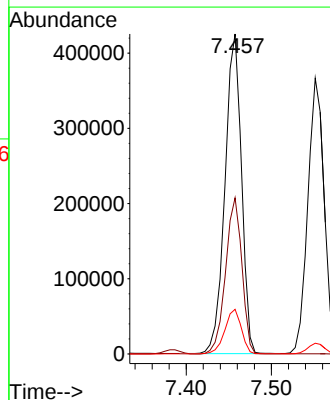
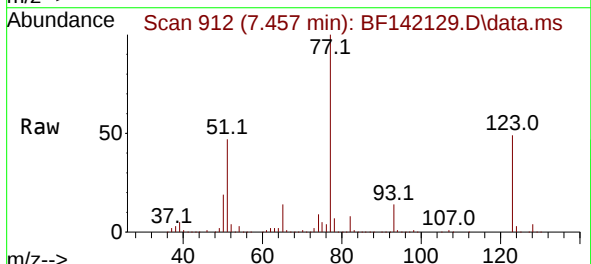
Manual Integrations
APPROVED

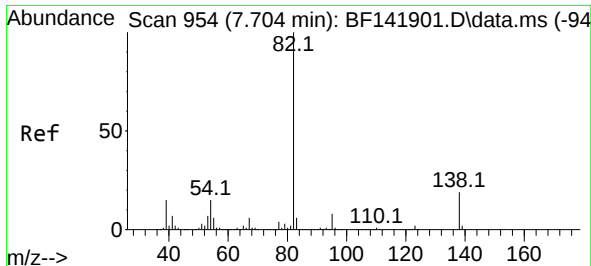
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#24
Nitrobenzene
Concen: 49.906 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion: 77 Resp: 571704
Ion Ratio Lower Upper
77 100
123 48.8 37.0 55.4
65 14.0 11.3 16.9





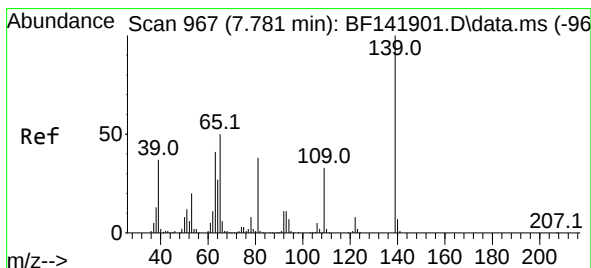
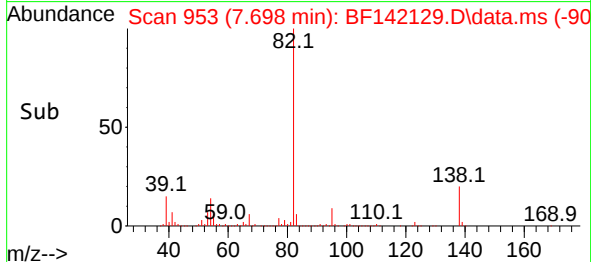
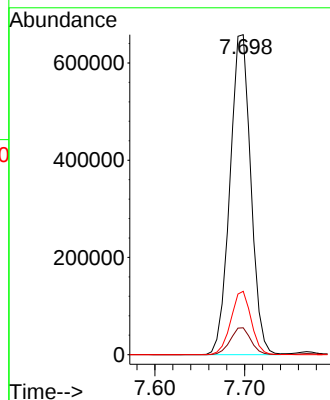
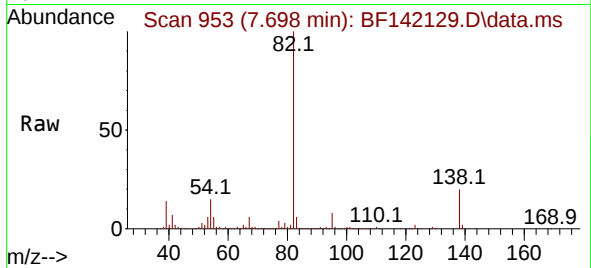
#25
Isophorone
Concen: 52.184 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 82 Resp: 106296
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 19.8 14.9 22.3

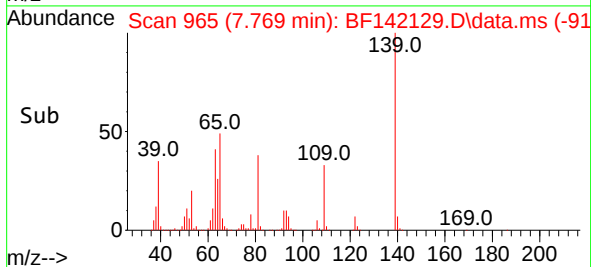
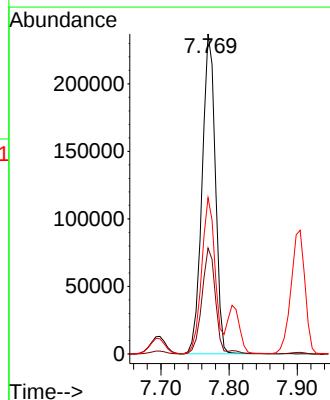
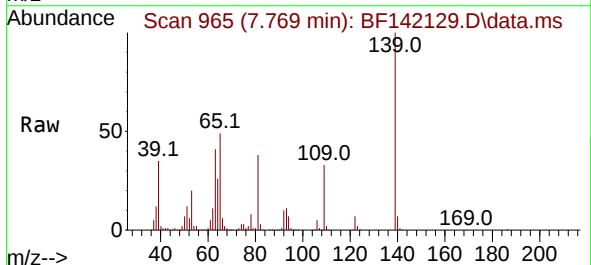
Manual Integrations
APPROVED

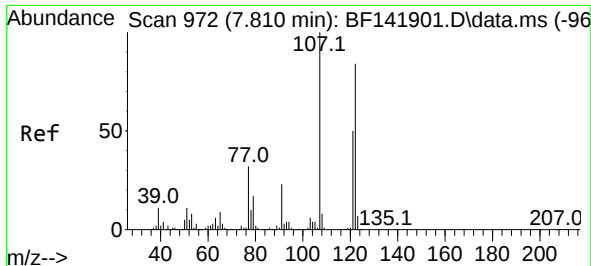
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#26
2-Nitrophenol
Concen: 57.036 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

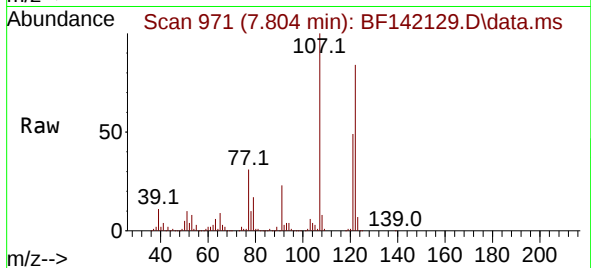
Tgt Ion:139 Resp: 320683
Ion Ratio Lower Upper
139 100
109 33.1 26.5 39.7
65 48.8 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 65.367 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

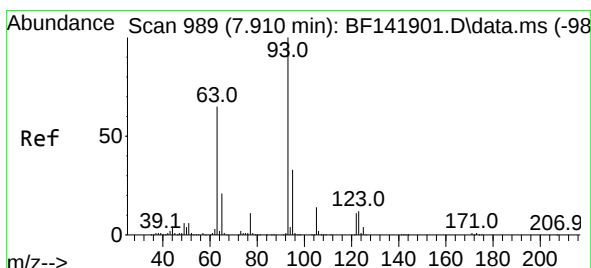
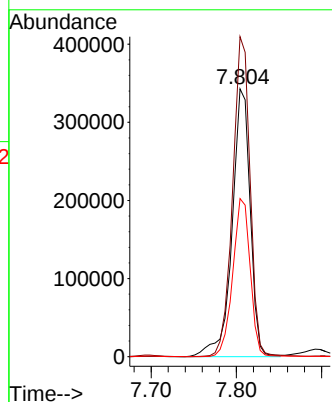
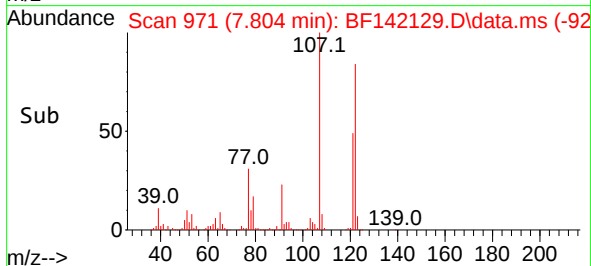
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:122 Resp: 506064
Ion Ratio Lower Upper
122 100
107 119.5 94.8 142.2
121 59.0 47.8 71.6

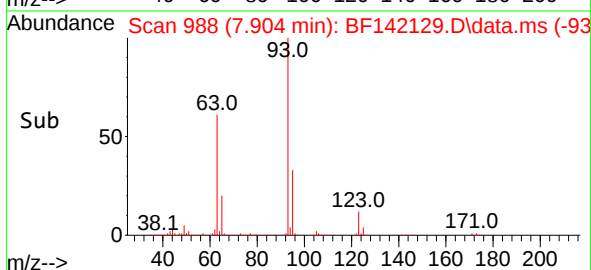
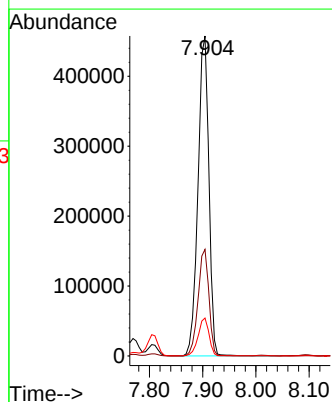
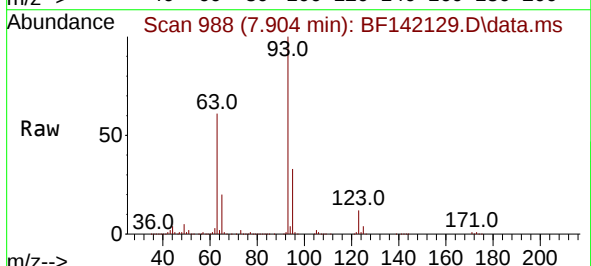
Manual Integrations
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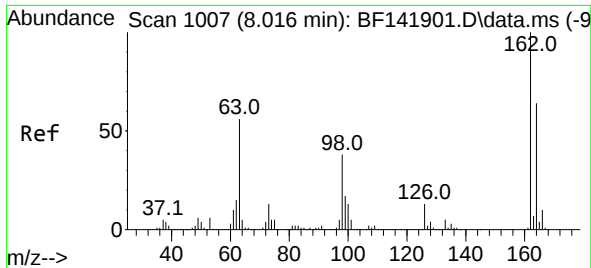
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#28
bis(2-Chloroethoxy)methane
Concen: 50.692 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion: 93 Resp: 647635
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 52.437 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

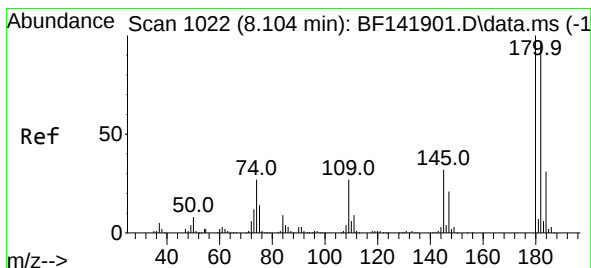
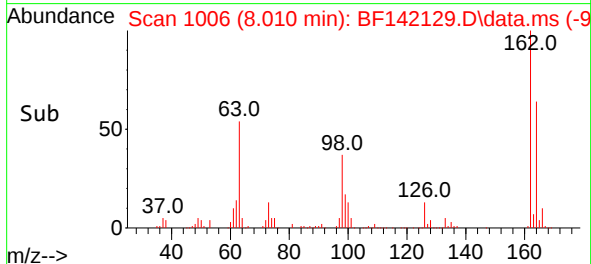
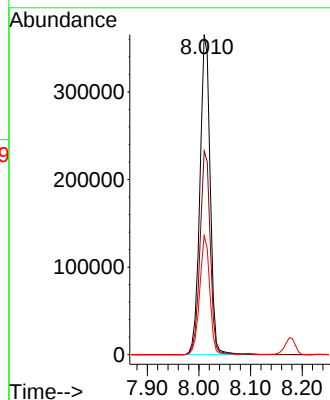
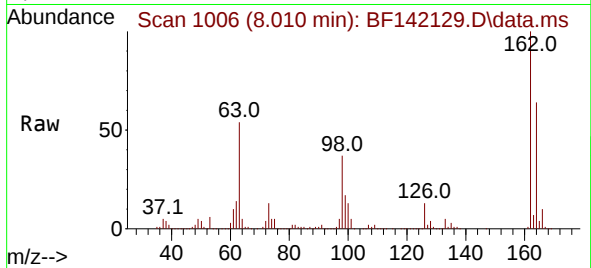
TP-4MSD

Tgt Ion:162 Resp: 50389
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.8 83.8
 98 37.2 18.1 58.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.729 ng

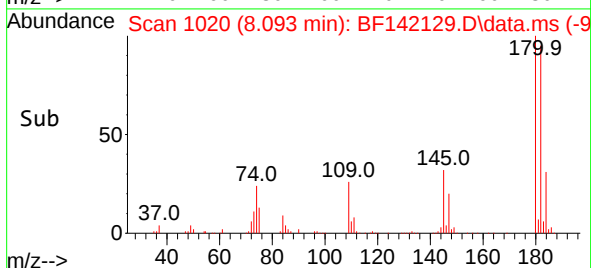
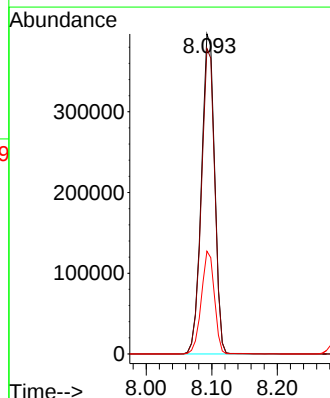
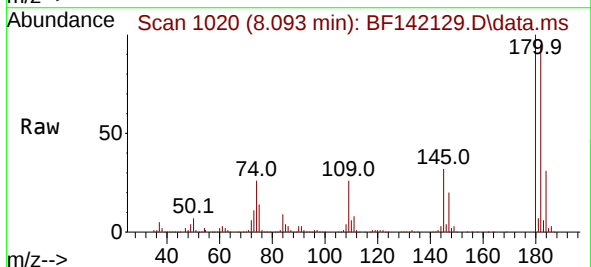
RT: 8.093 min Scan# 1020

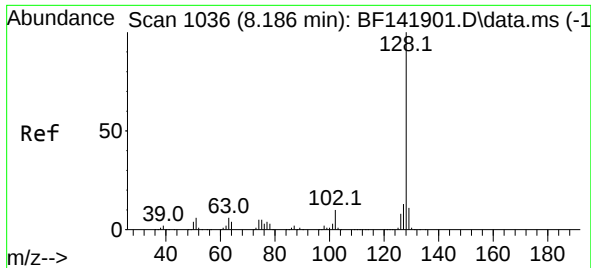
Delta R.T. -0.012 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

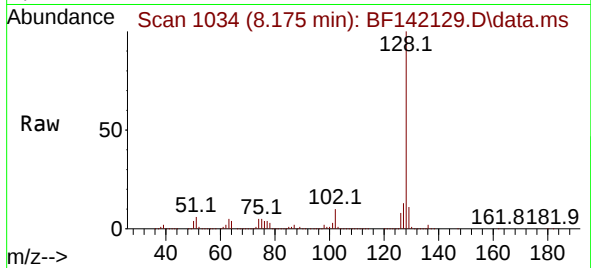
Tgt Ion:180 Resp: 558403
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.5 116.3
 145 32.1 25.8 38.6





#31
Naphthalene
Concen: 48.823 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

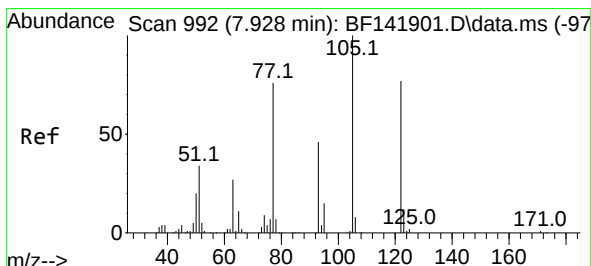
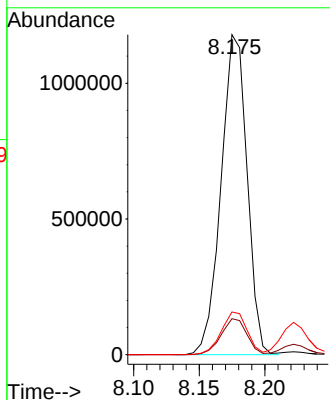
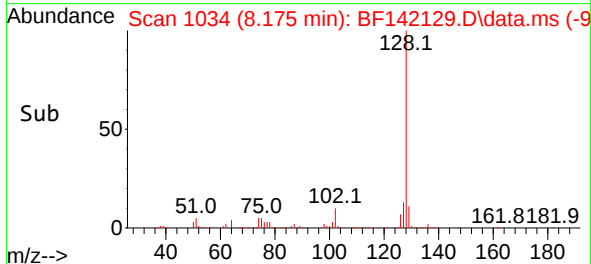
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:128 Resp: 1626408
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2

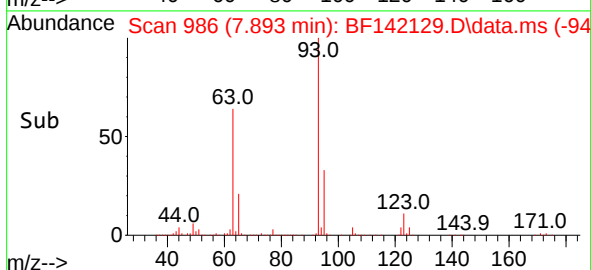
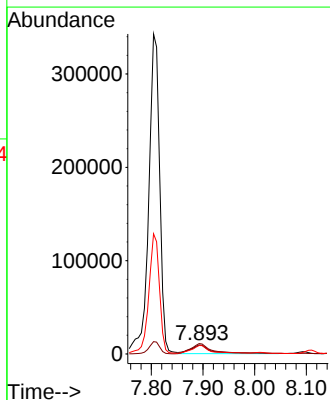
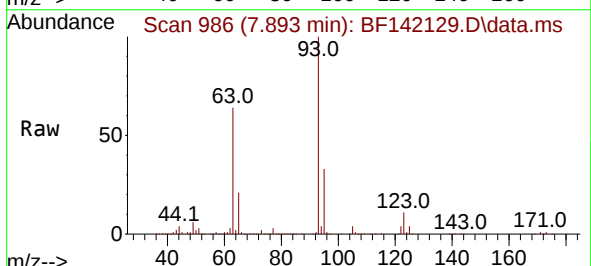
Manual Integrations
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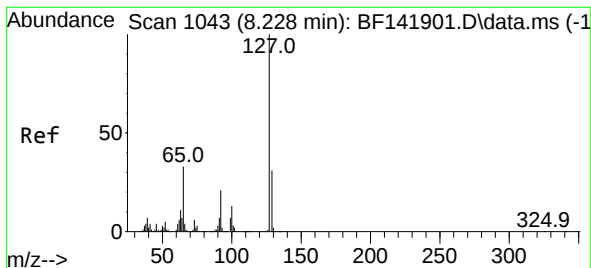
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#32
Benzoic acid
Concen: 3.914 ng m
RT: 7.893 min Scan# 986
Delta R.T. -0.035 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:122 Resp: 26636
Ion Ratio Lower Upper
122 100
105 114.9 107.9 147.9
77 94.3 79.0 119.0





#33
4-Chloroaniline
Concen: 15.068 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

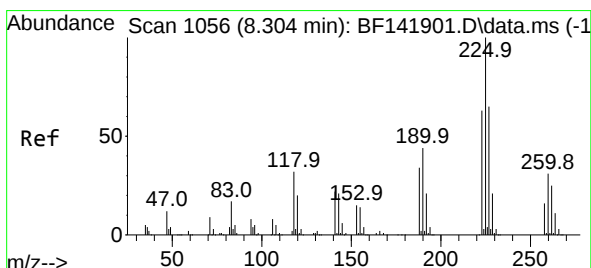
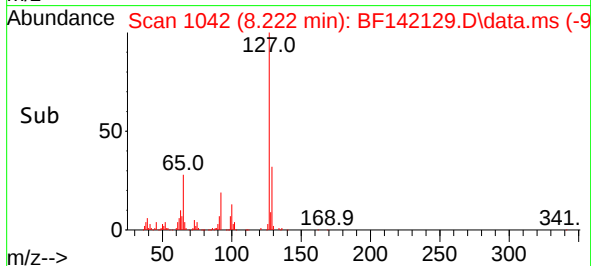
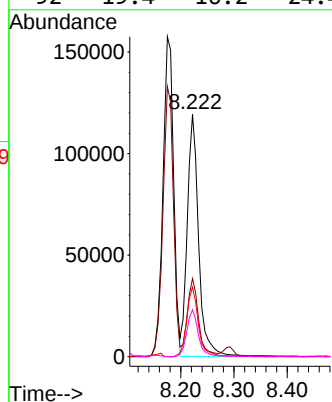
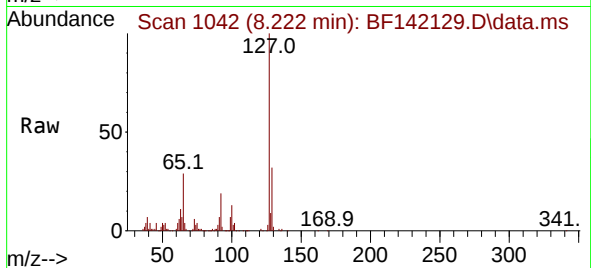
TP-4MSD

Tgt Ion:127 Resp: 177194
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 28.8 25.4 38.2
92 19.4 16.2 24.4

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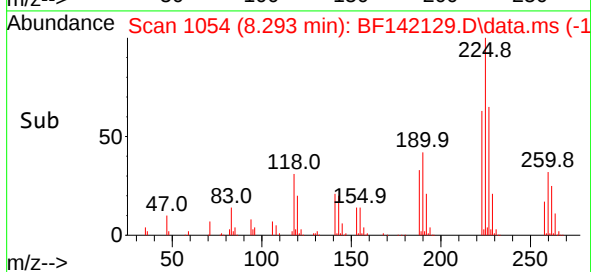
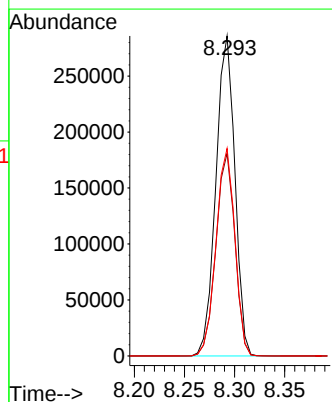
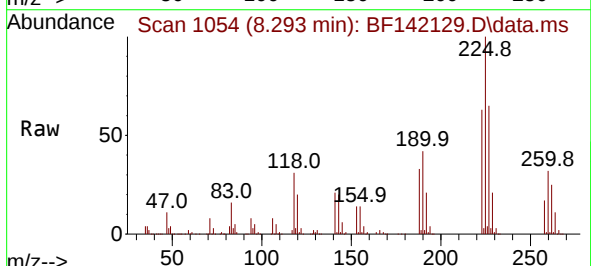
APPROVED

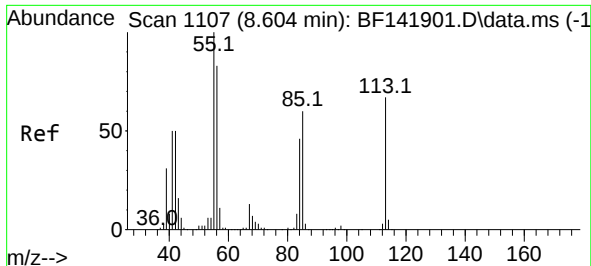
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#34
Hexachlorobutadiene
Concen: 54.464 ng
RT: 8.293 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

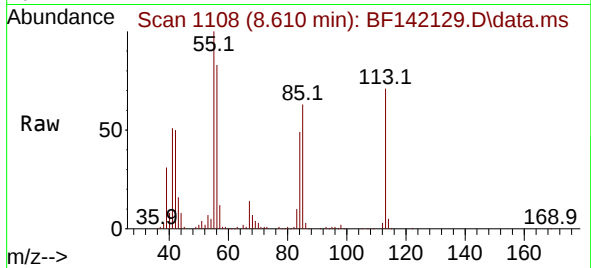
Tgt Ion:225 Resp: 376143
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 64.9 52.2 78.2





#35
Caprolactam
Concen: 38.287 ng m
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

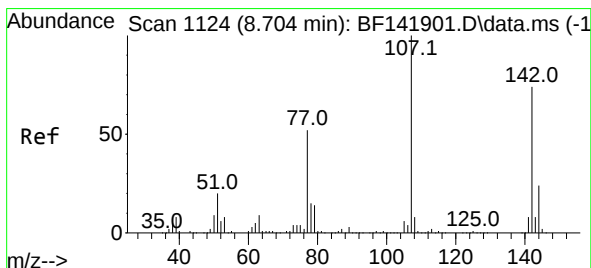
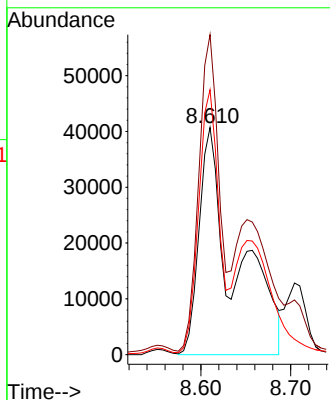
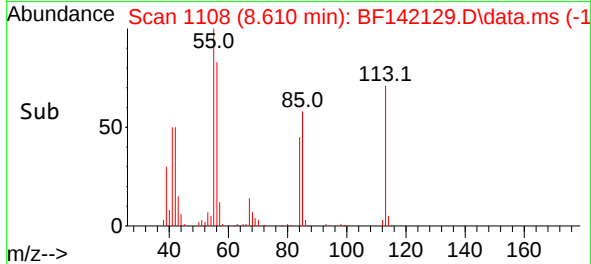
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:113 Resp: 11217
Ion Ratio Lower Upper
113 100
55 140.9 129.6 169.6
56 116.7 104.0 144.0

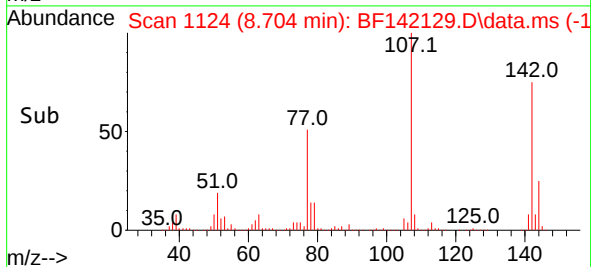
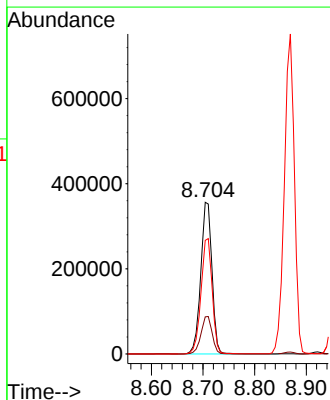
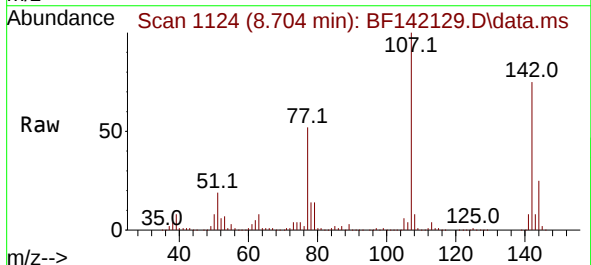
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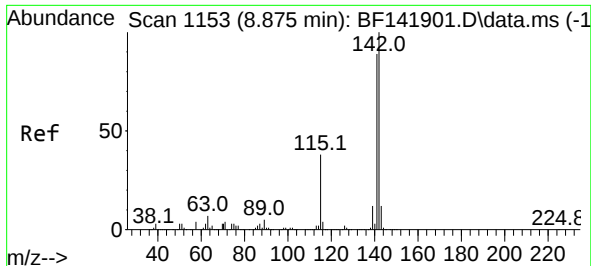
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#36
4-Chloro-3-methylphenol
Concen: 50.197 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:107 Resp: 538089
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 74.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.436 ng

RT: 8.869 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:142 Resp: 101169

Ion Ratio Lower Upper

142 100

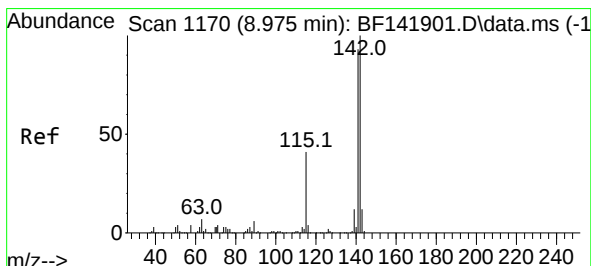
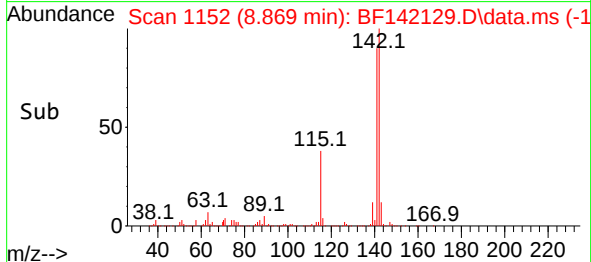
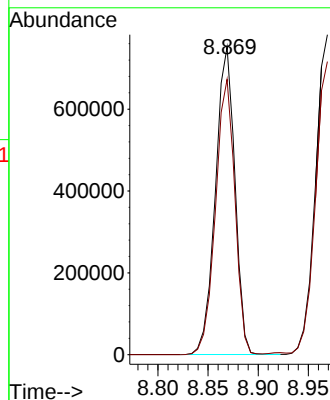
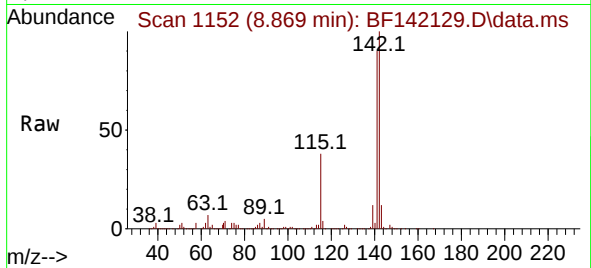
141 89.5 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#38

1-Methylnaphthalene

Concen: 48.661 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142129.D

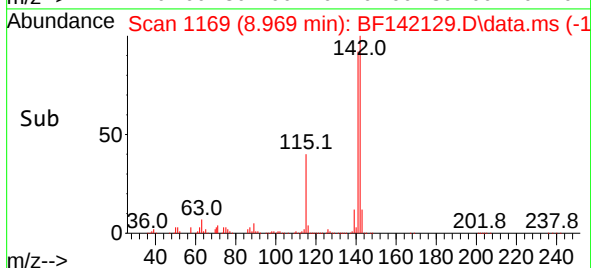
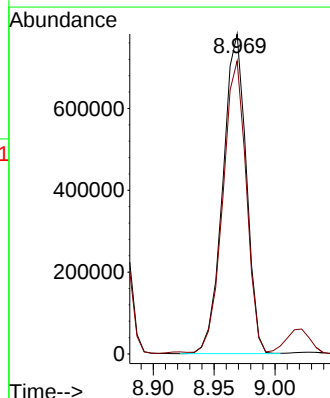
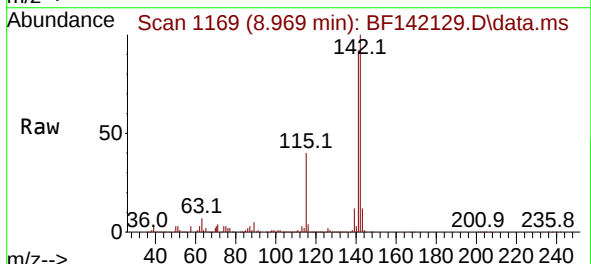
Acq: 27 Mar 2025 17:16

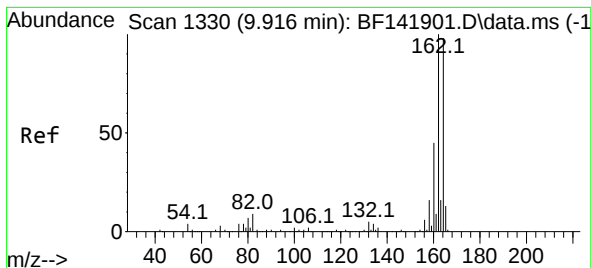
Tgt Ion:142 Resp: 1045551

Ion Ratio Lower Upper

142 100

141 91.6 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: BF142129.D

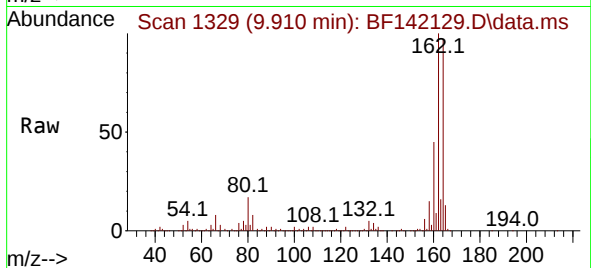
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



Tgt Ion:164 Resp: 361930

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

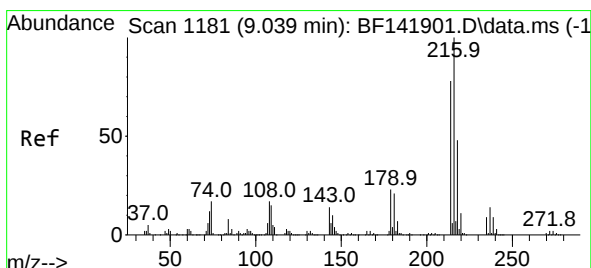
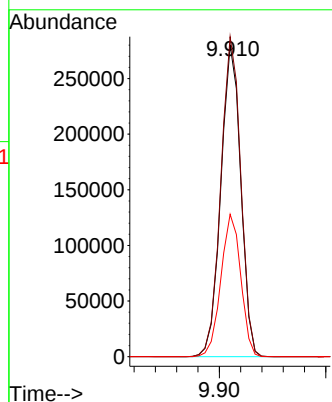
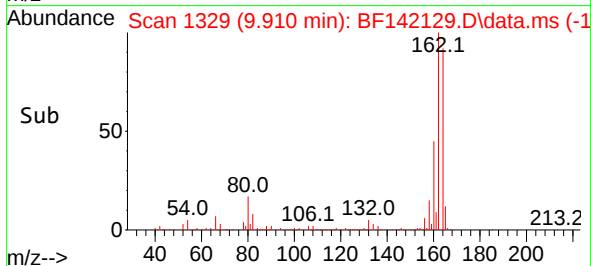
160 45.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.415 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Tgt Ion:216 Resp: 588595

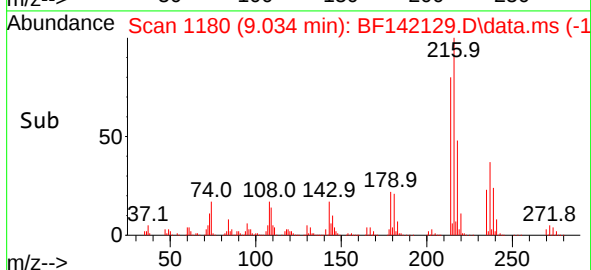
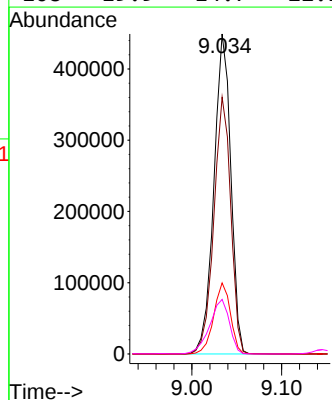
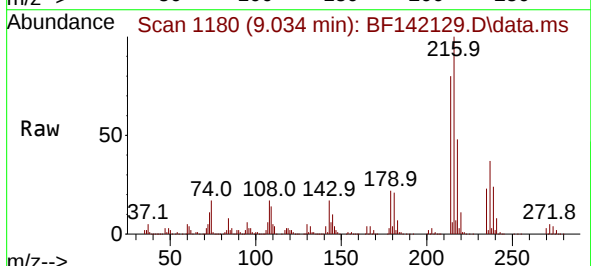
Ion Ratio Lower Upper

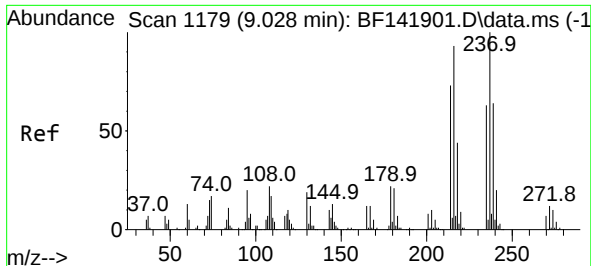
216 100

214 80.0 61.9 92.9

179 21.9 18.1 27.1

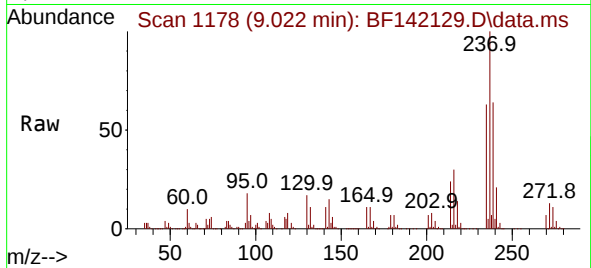
108 19.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 174.634 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

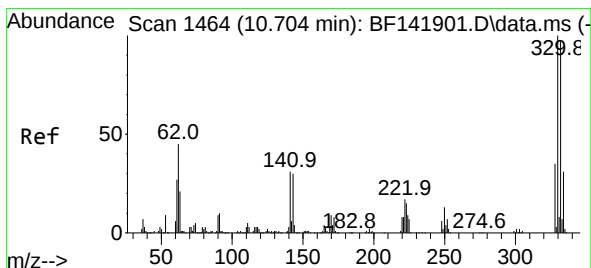
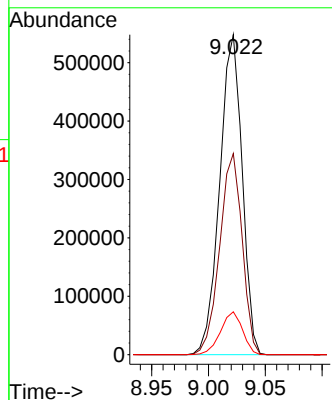
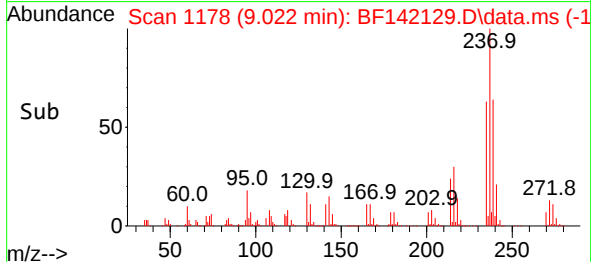
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:237 Resp: 75311
Ion Ratio Lower Upper
237 100
235 62.8 43.1 83.1
272 13.4 0.0 32.0

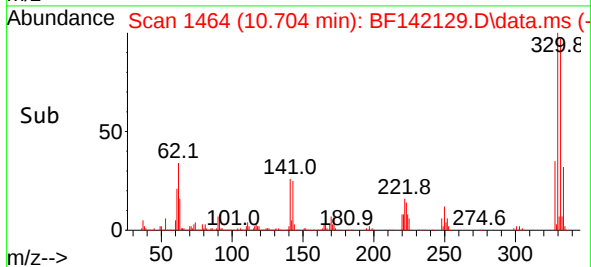
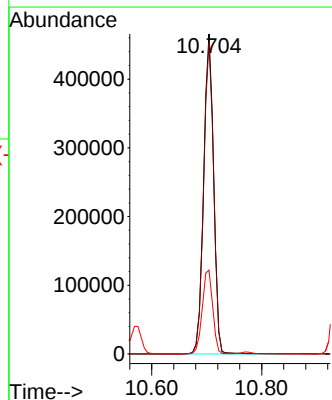
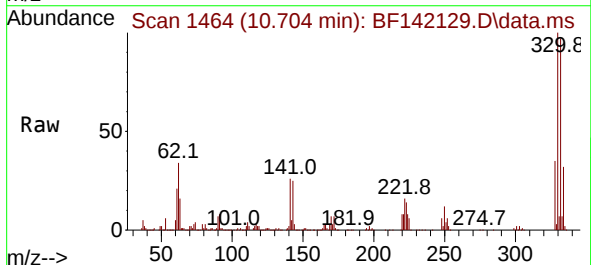
Manual Integrations
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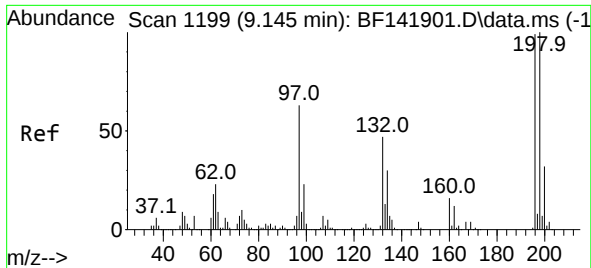
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#42
2,4,6-Tribromophenol
Concen: 127.969 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

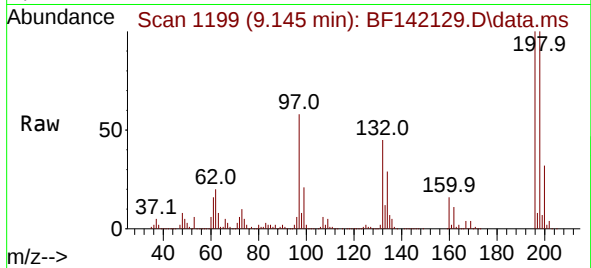
Tgt Ion:330 Resp: 587579
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 27.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 52.582 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

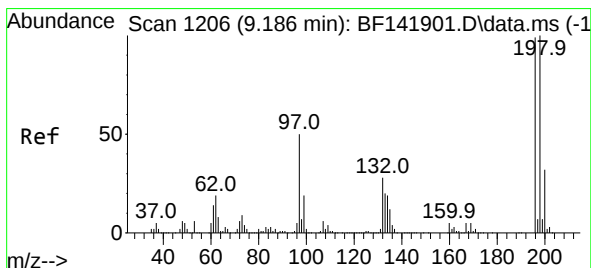
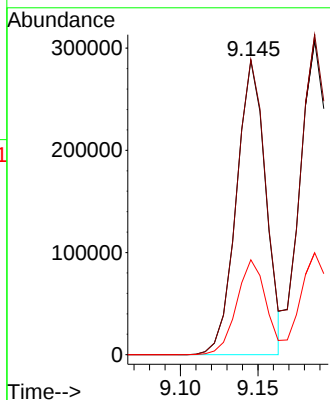
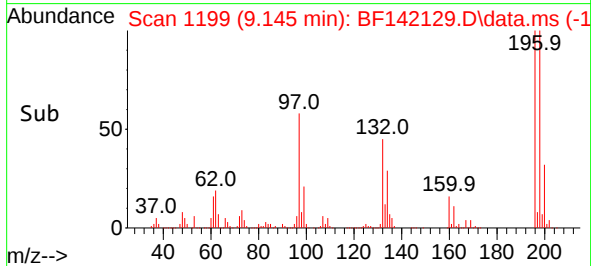
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



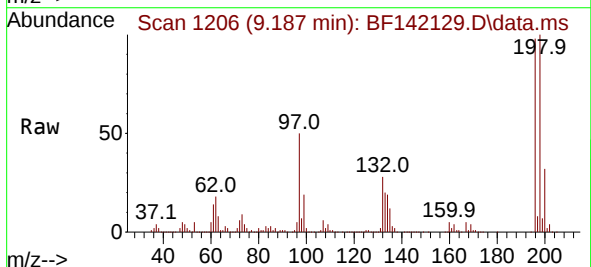
Tgt Ion:196 Resp: 378670
Ion Ratio Lower Upper
196 100
198 100.4 80.6 121.0
200 32.3 25.8 38.6

Manual Integrations
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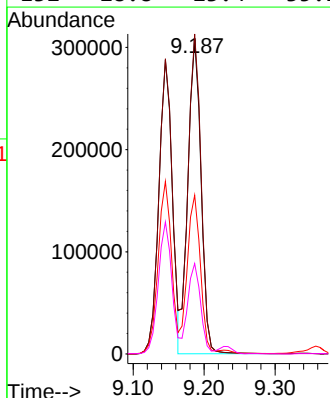
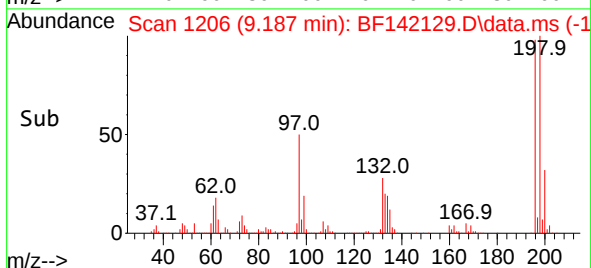
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

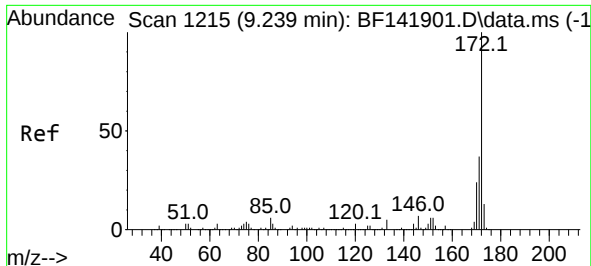


#44
2,4,5-Trichlorophenol
Concen: 54.328 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



Tgt Ion:196 Resp: 396259
Ion Ratio Lower Upper
196 100
198 101.9 80.7 121.1
97 50.5 42.1 63.1
132 28.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 84.911 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142129.D

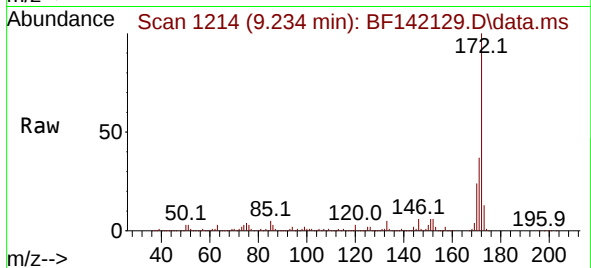
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



Tgt Ion:172 Resp: 2020750

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

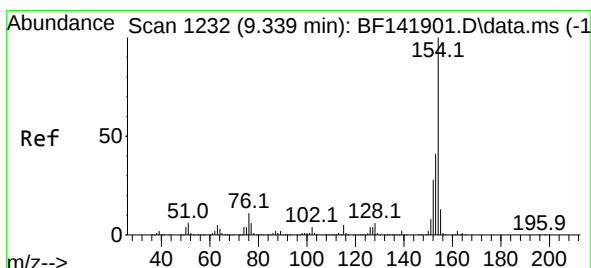
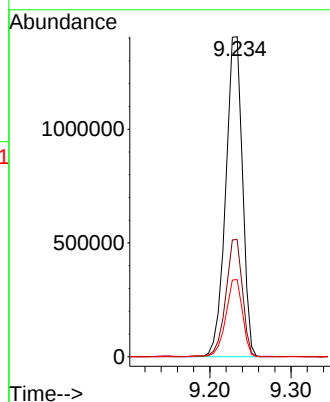
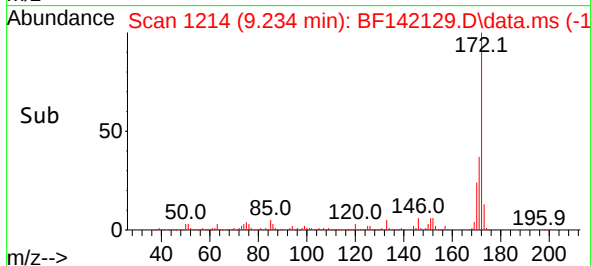
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#46

1,1'-Biphenyl

Concen: 51.271 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

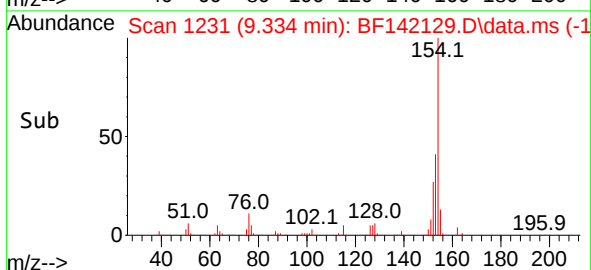
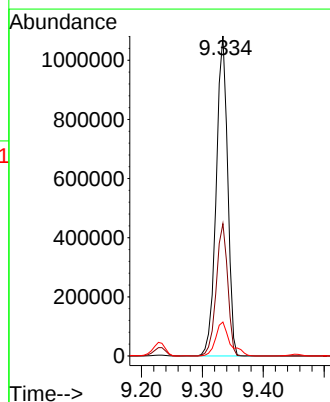
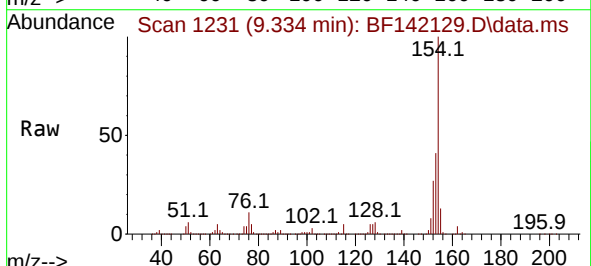
Tgt Ion:154 Resp: 1409943

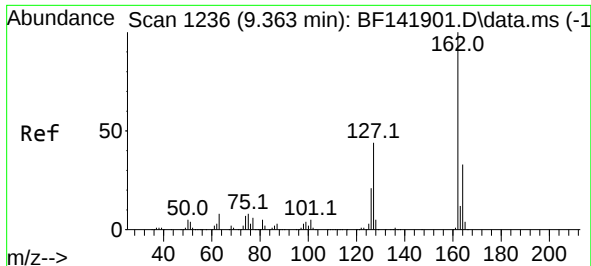
Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

76 10.6 0.0 31.3





#47

2-Chloronaphthalene

Concen: 52.283 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:162 Resp: 1071639

Ion Ratio Lower Upper

162 100

127 43.5 35.5 53.3

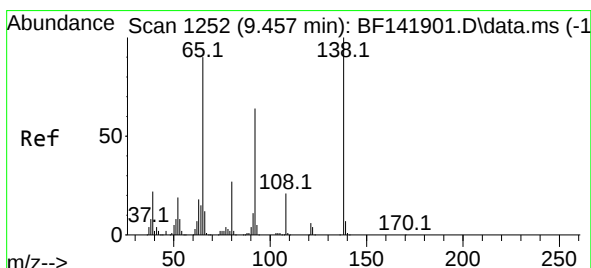
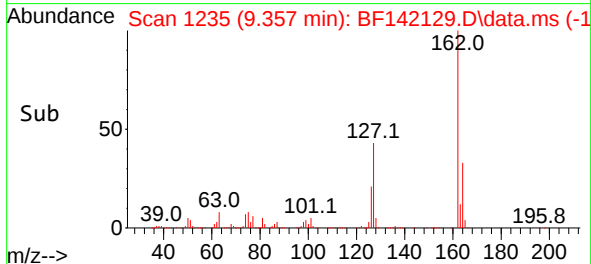
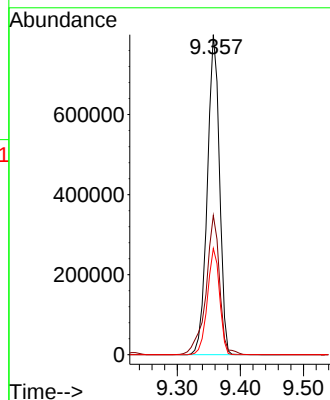
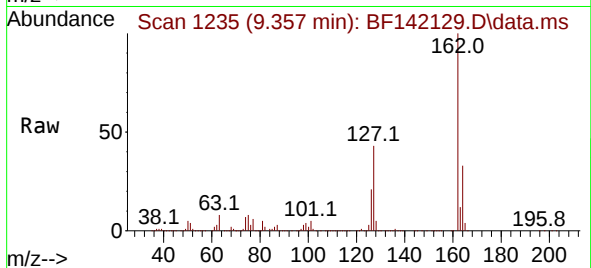
164 33.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#48

2-Nitroaniline

Concen: 51.087 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

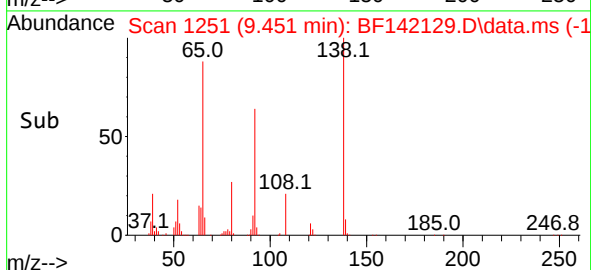
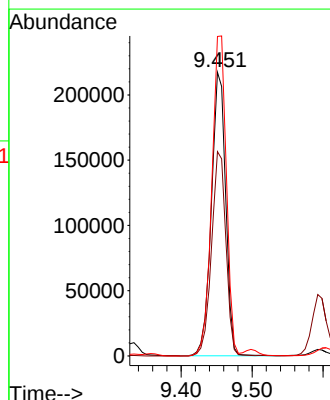
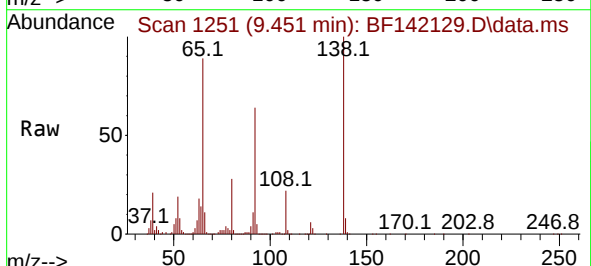
Tgt Ion: 65 Resp: 303191

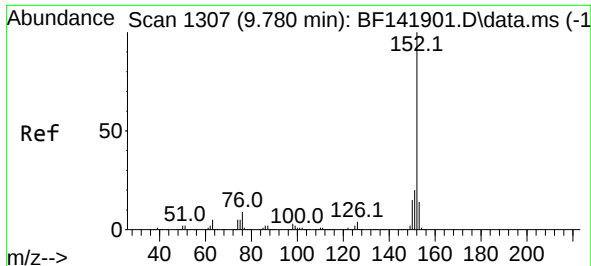
Ion Ratio Lower Upper

65 100

92 72.0 56.6 84.8

138 112.6 88.6 133.0





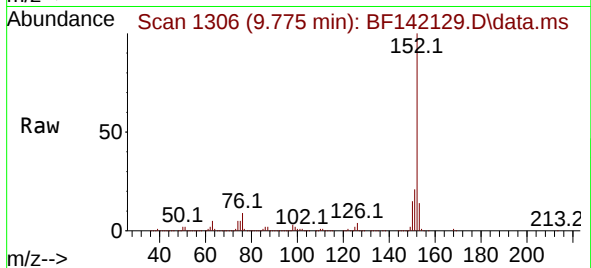
#49
Acenaphthylene
Concen: 54.231 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

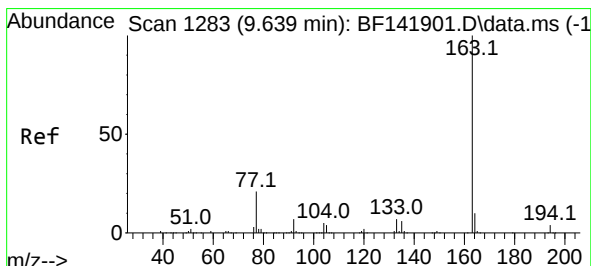
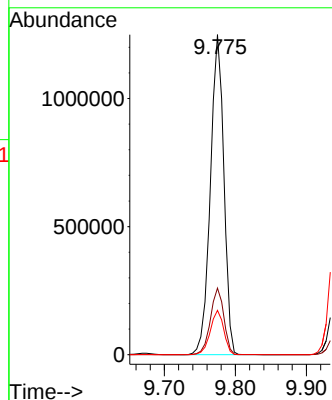
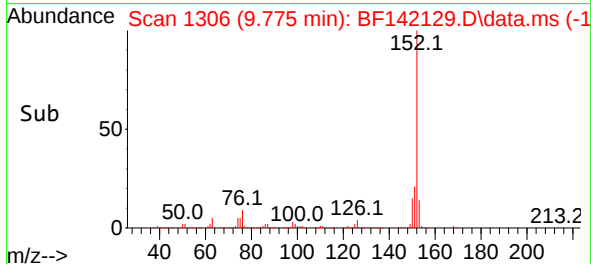


Tgt Ion:152 Resp: 164953
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.8 11.1 16.7

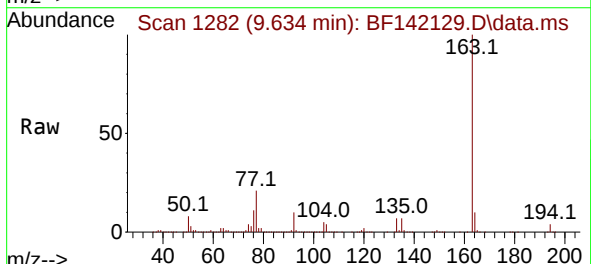
Manual Integrations

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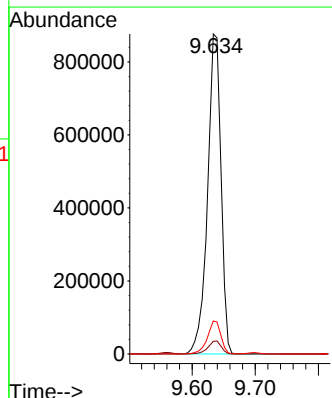
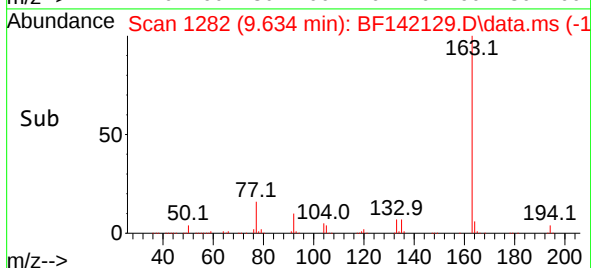
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

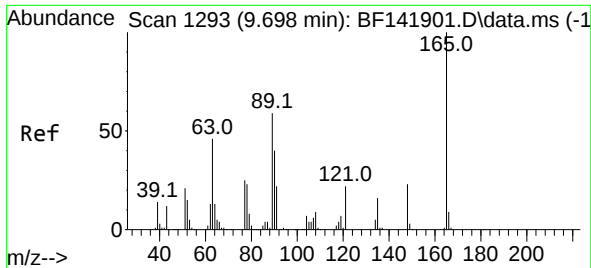


#50
Dimethylphthalate
Concen: 51.256 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



Tgt Ion:163 Resp: 1299095
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4





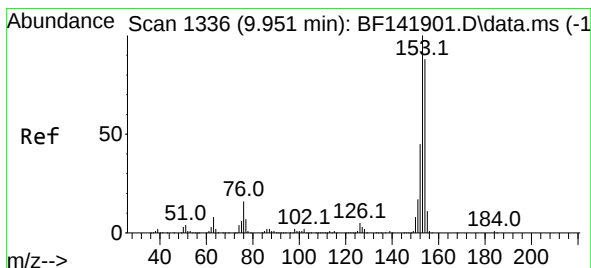
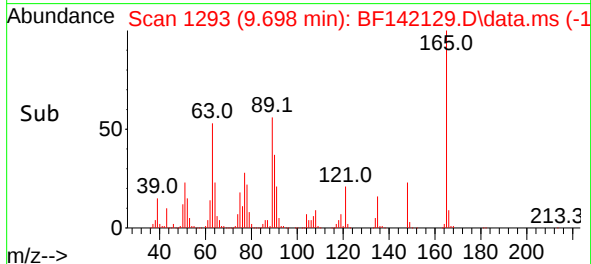
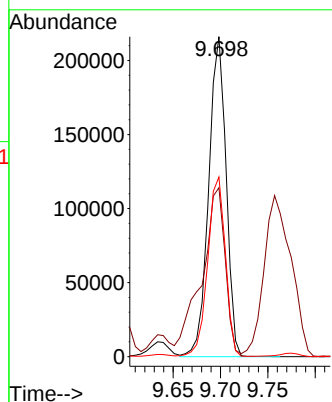
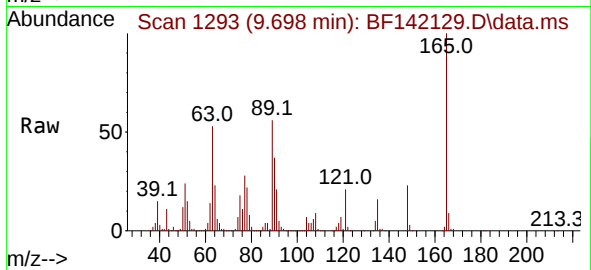
#51
2,6-Dinitrotoluene
Concen: 52.245 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:165 Resp: 27570
Ion Ratio Lower Upper
165 100
63 52.8 47.0 70.4
89 56.1 47.4 71.2

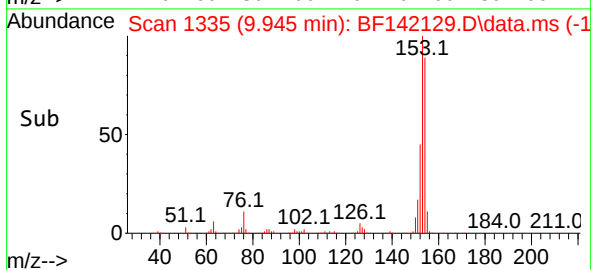
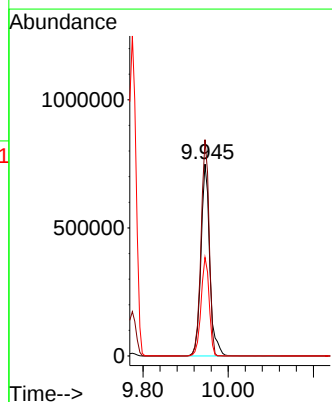
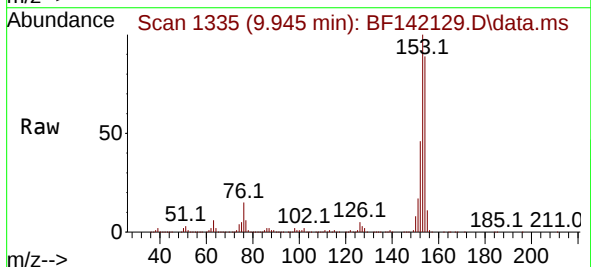
Manual Integrations
APPROVED

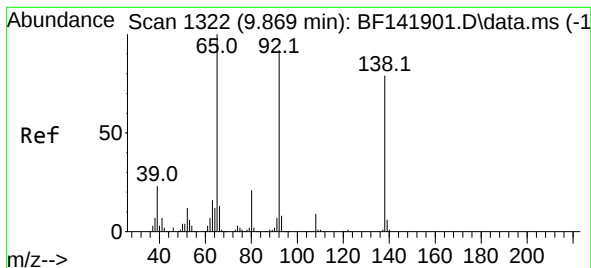
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#52
Acenaphthene
Concen: 50.176 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:154 Resp: 1072537
Ion Ratio Lower Upper
154 100
153 112.7 90.7 136.1
152 51.4 41.1 61.7





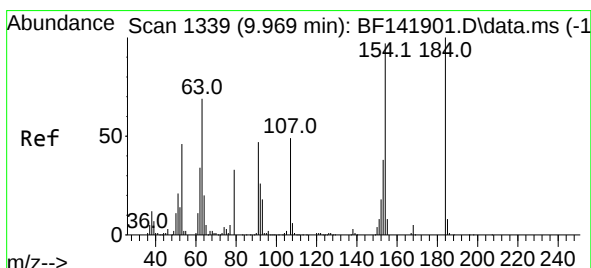
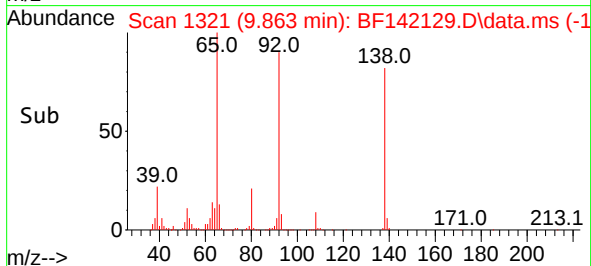
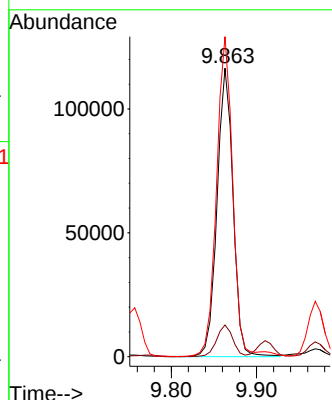
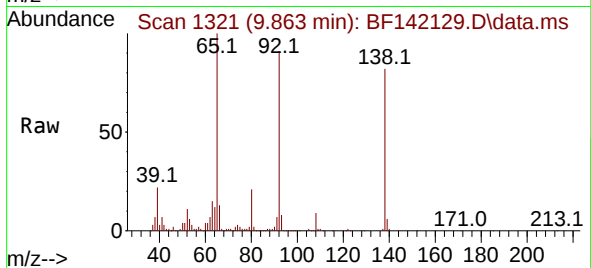
#53
3-Nitroaniline
Concen: 28.400 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:138 Resp: 152024
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 110.9 93.5 140.3

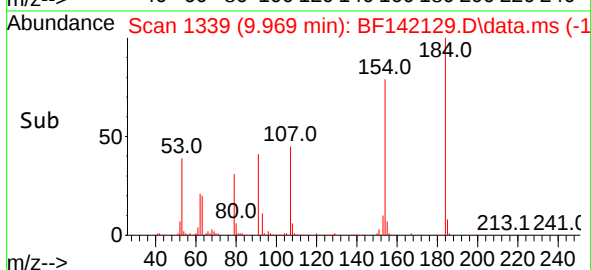
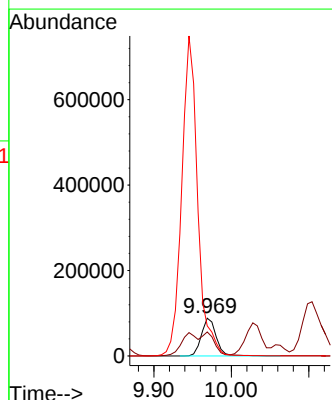
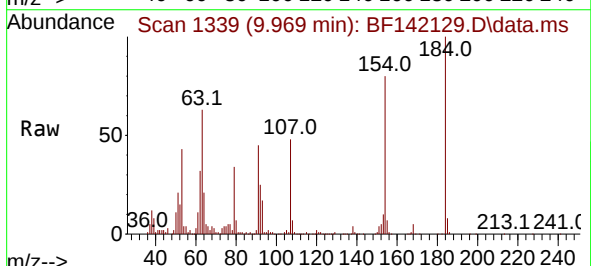
Manual Integrations
APPROVED

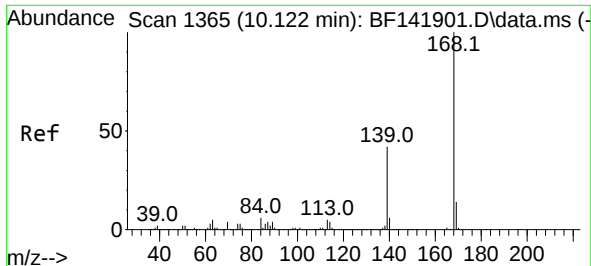
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#54
2,4-Dinitrophenol
Concen: 42.596 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

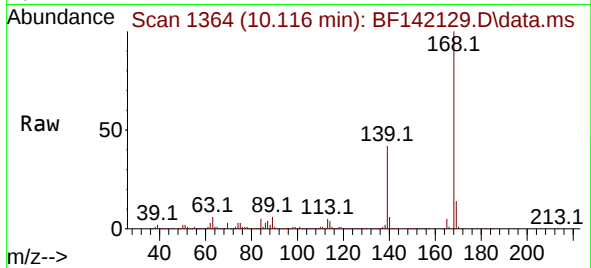
Tgt Ion:184 Resp: 117675
Ion Ratio Lower Upper
184 100
63 63.5 60.2 90.4
154 79.6 132.9 199.3#





#55
Dibenzenofuran
Concen: 48.809 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

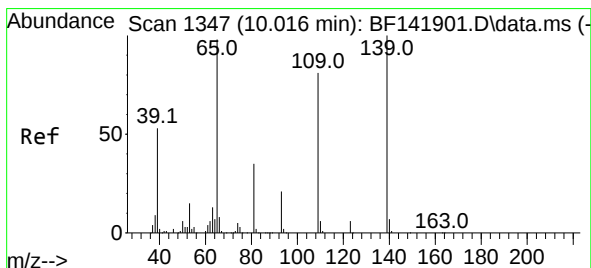
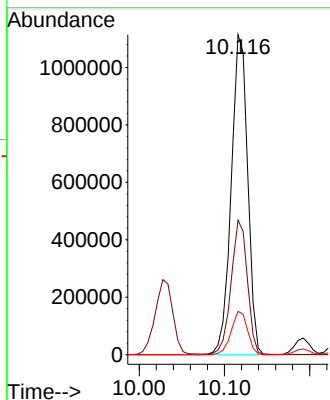
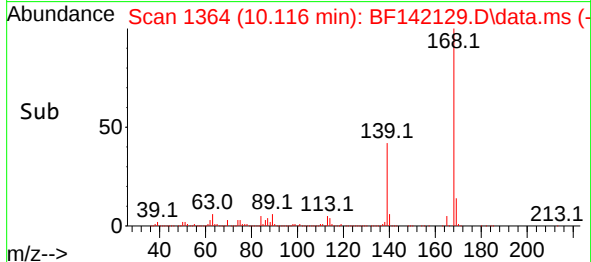
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:168 Resp: 1490788
Ion Ratio Lower Upper
168 100
139 42.0 33.9 50.9
169 13.6 11.0 16.4

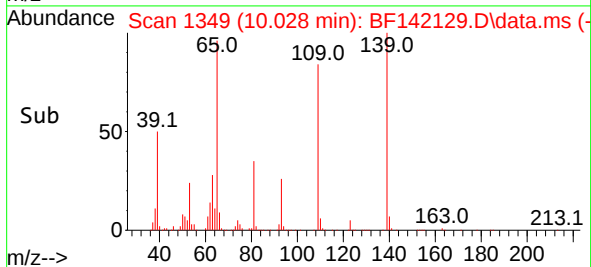
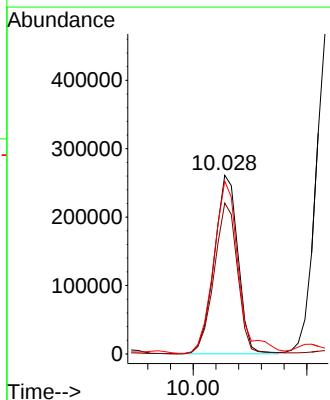
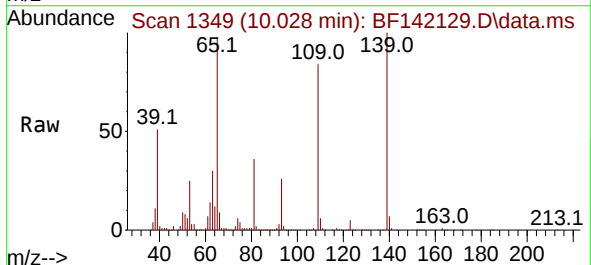
Manual Integrations
APPROVED

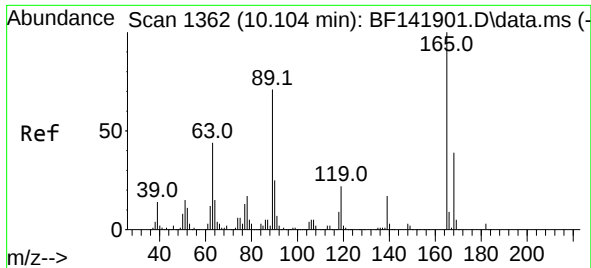
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#56
4-Nitrophenol
Concen: 93.445 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

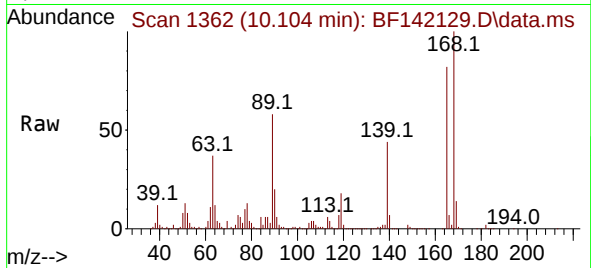
Tgt Ion:139 Resp: 377218
Ion Ratio Lower Upper
139 100
109 84.5 61.6 101.6
65 96.7 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 55.479 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

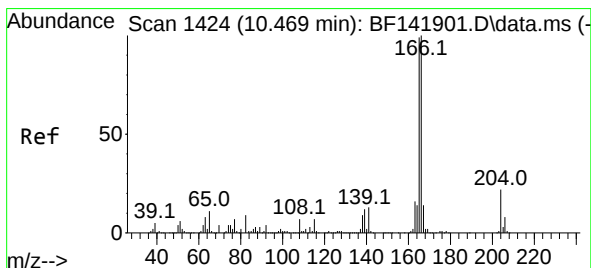
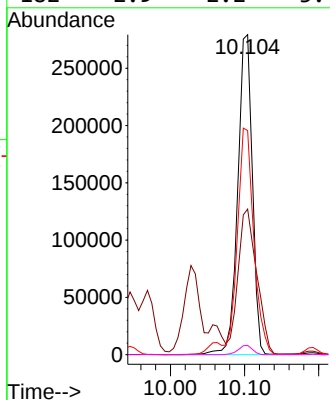
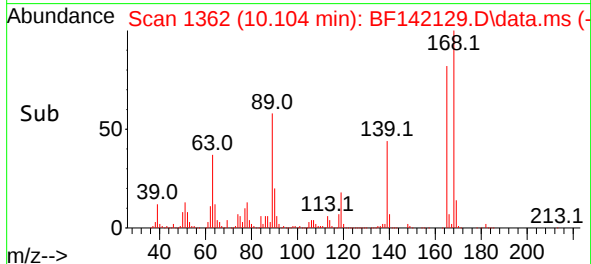
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:165 Resp: 38238
Ion Ratio Lower Upper
165 100
63 45.5 35.4 53.2
89 70.1 56.6 84.8
182 2.9 2.2 3.4

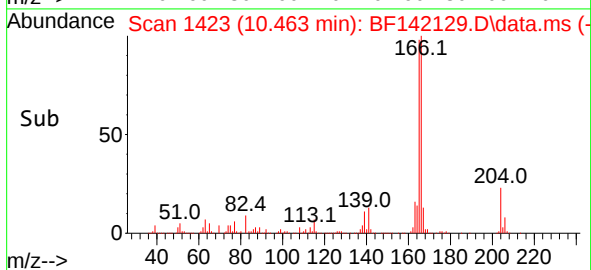
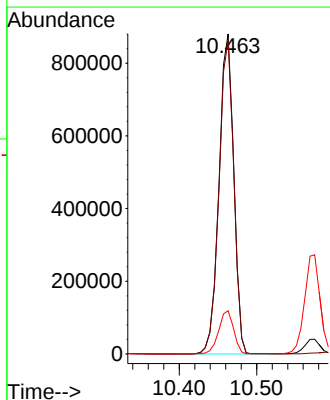
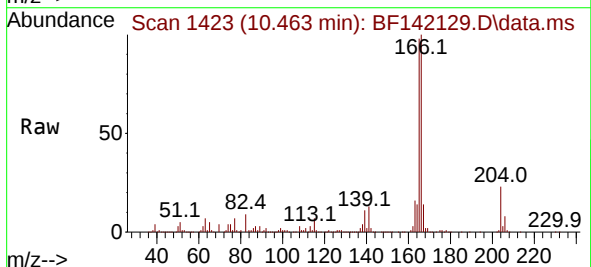
Manual Integrations
APPROVED

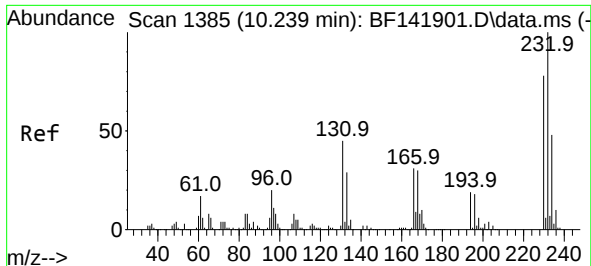
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#58
Fluorene
Concen: 49.519 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

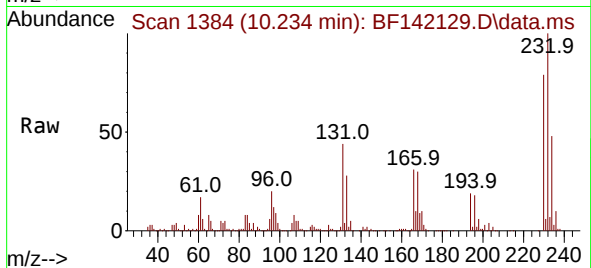
Tgt Ion:166 Resp: 1166359
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.489 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

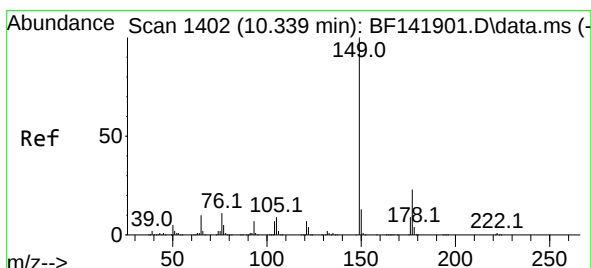
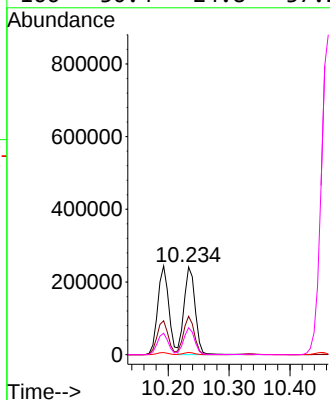
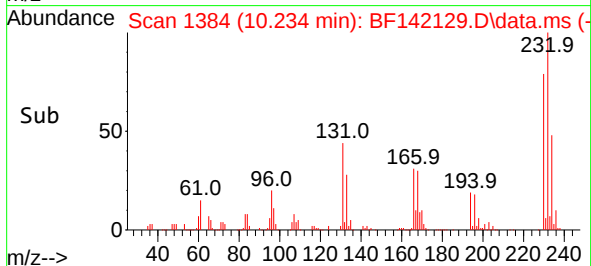
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:232 Resp: 301915
Ion Ratio Lower Upper
232 100
131 43.8 37.3 55.9
130 2.5 1.9 2.9
166 30.4 24.8 37.2

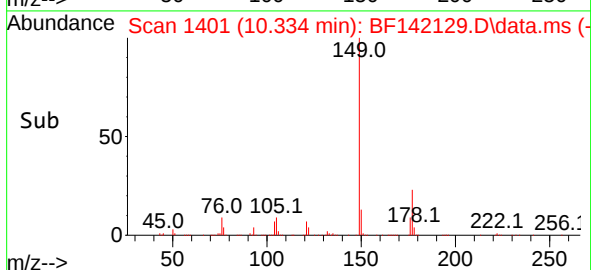
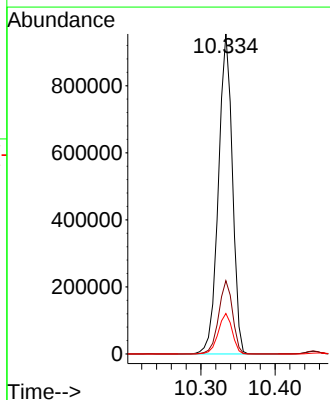
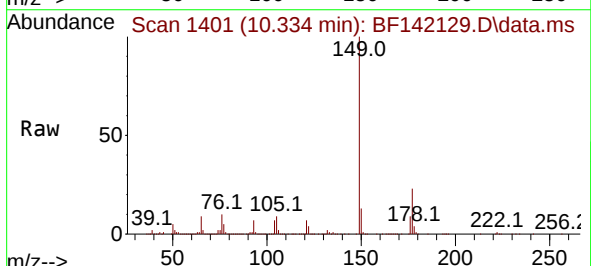
Manual Integrations
APPROVED

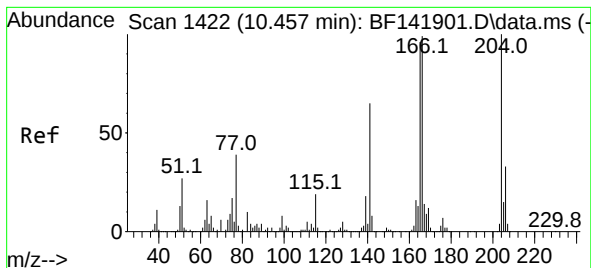
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#60
Diethylphthalate
Concen: 49.418 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

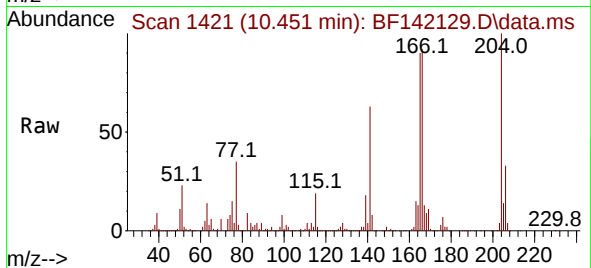
Tgt Ion:149 Resp: 1248905
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 51.139 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

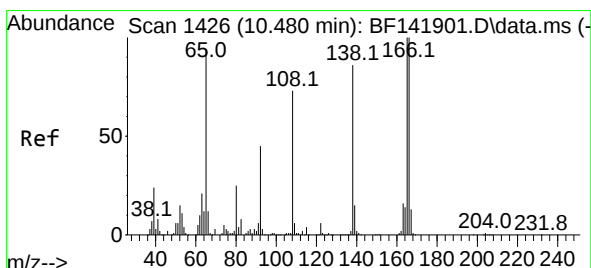
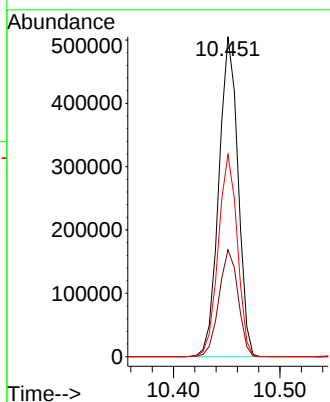
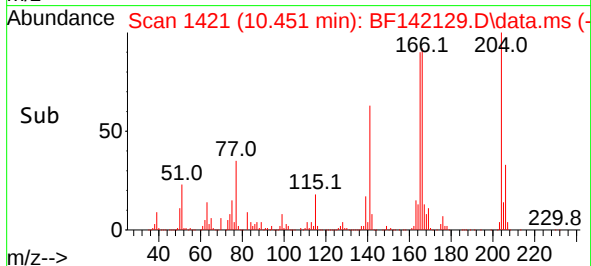
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:204 Resp: 62798
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 63.2 52.4 78.6

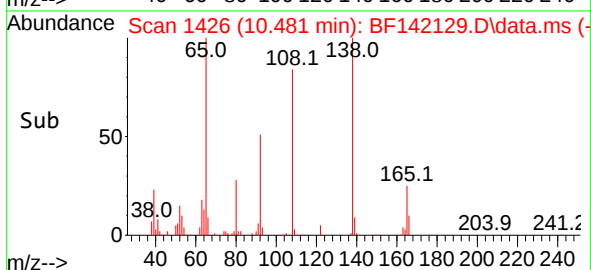
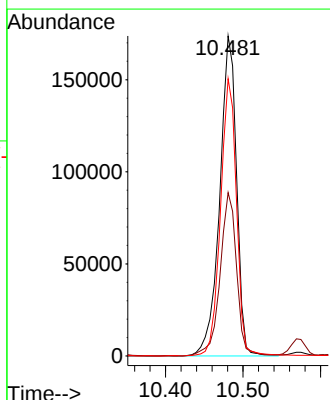
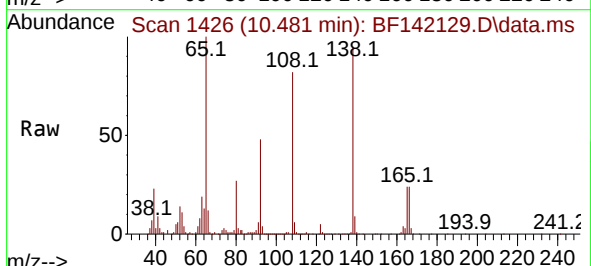
Manual Integrations
APPROVED

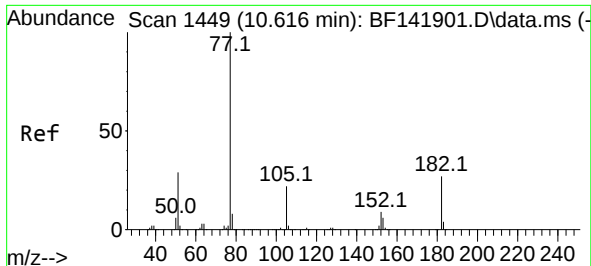
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#62
4-Nitroaniline
Concen: 50.464 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

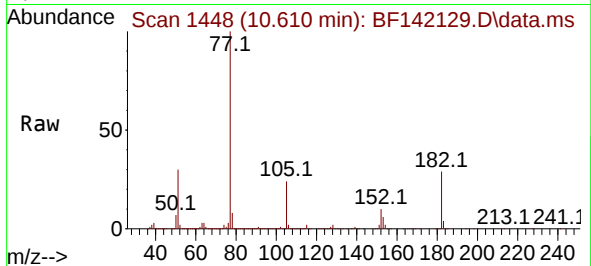
Tgt Ion:138 Resp: 262986
Ion Ratio Lower Upper
138 100
92 51.0 32.6 72.6
108 86.7 65.0 105.0





#63
Azobenzene
Concen: 50.040 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

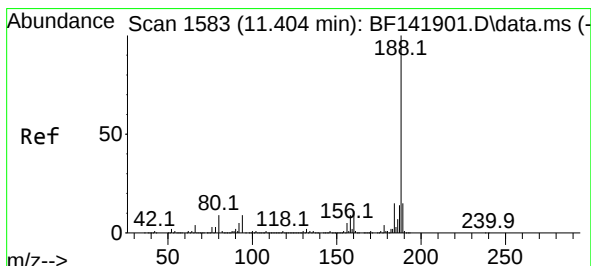
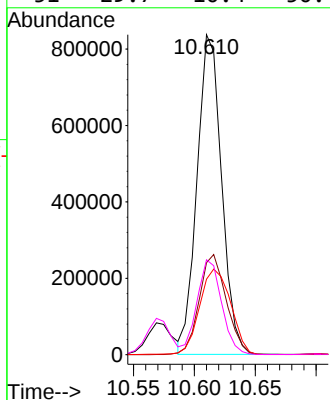
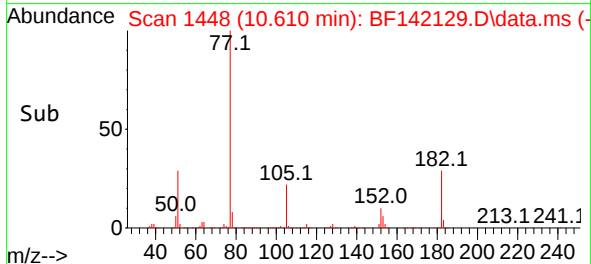
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



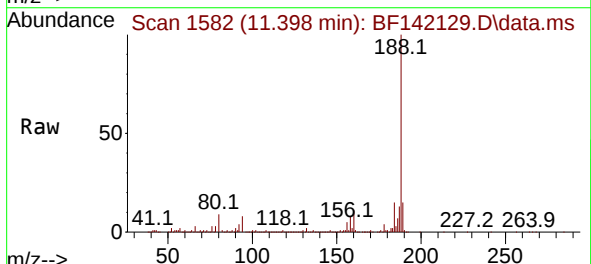
Tgt Ion: 77 Resp: 117573
Ion Ratio Lower Upper
77 100
182 28.8 6.6 46.6
105 23.6 1.3 41.3
51 29.7 10.4 50.4

Manual Integrations
APPROVED

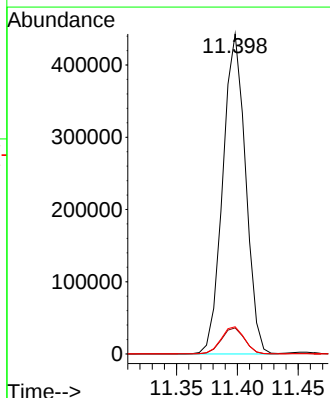
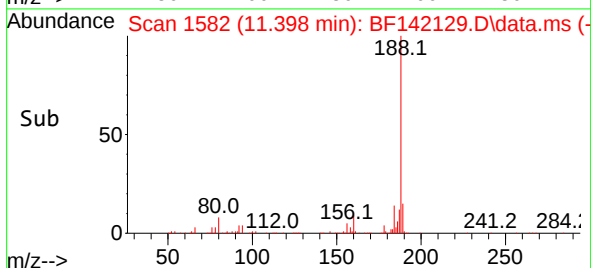
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

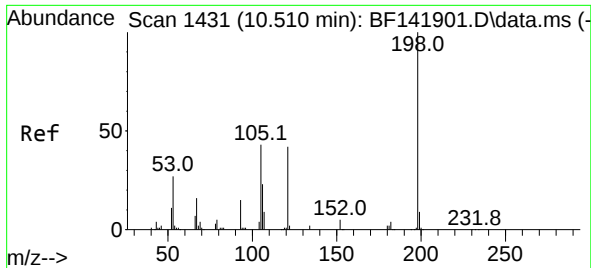


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



Tgt Ion:188 Resp: 576240
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.5 7.6 11.4





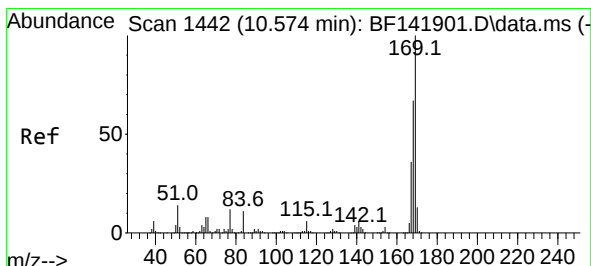
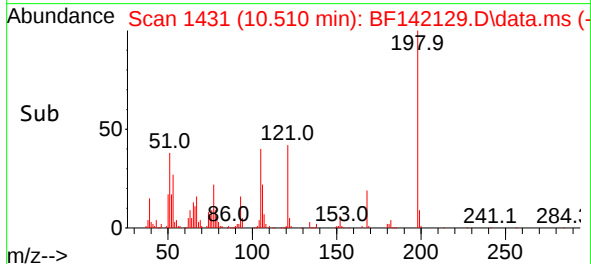
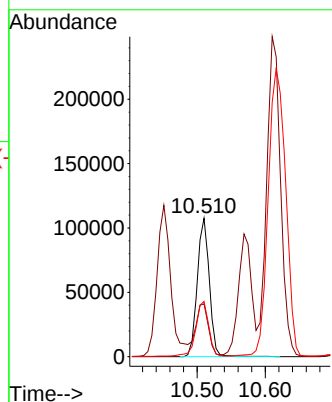
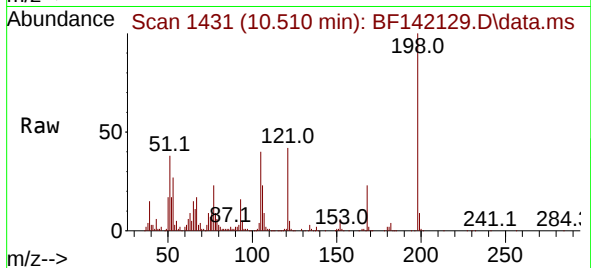
#65
4,6-Dinitro-2-methylphenol
Concen: 38.419 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:198 Resp: 131978
Ion Ratio Lower Upper
198 100
51 38.2 22.3 62.3
105 39.9 23.0 63.0

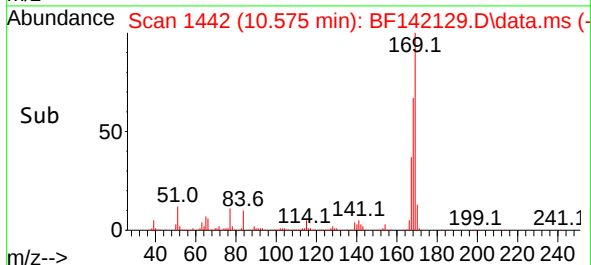
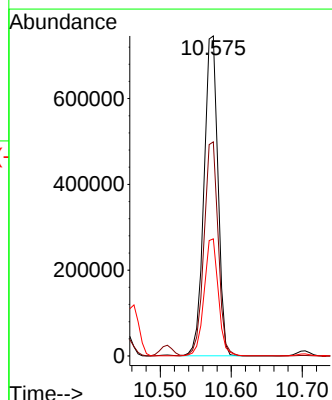
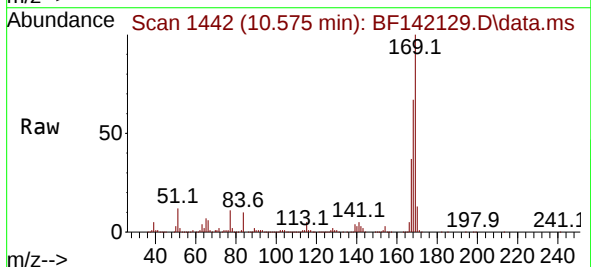
Manual Integrations
APPROVED

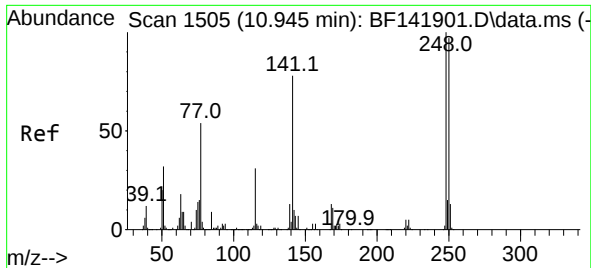
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#66
n-Nitrosodiphenylamine
Concen: 54.714 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

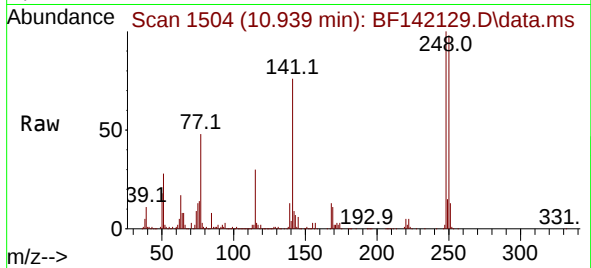
Tgt Ion:169 Resp: 1020279
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 55.858 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

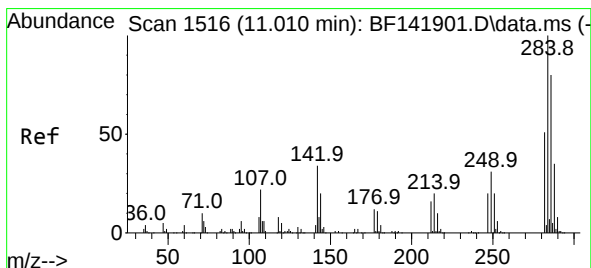
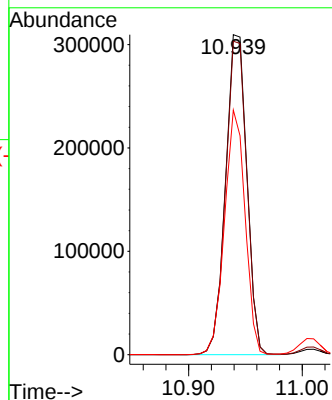
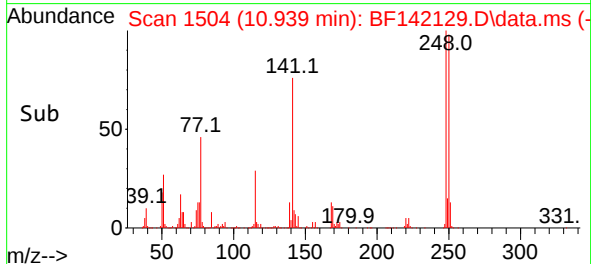
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



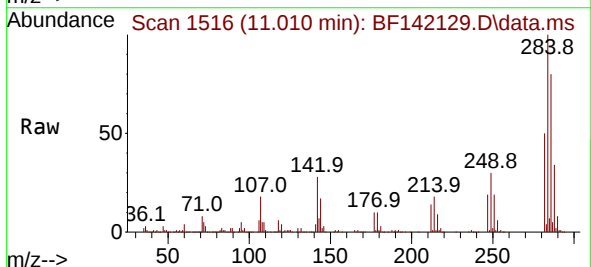
Tgt Ion:248 Resp: 404239
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 76.5 62.6 93.8

Manual Integrations
APPROVED

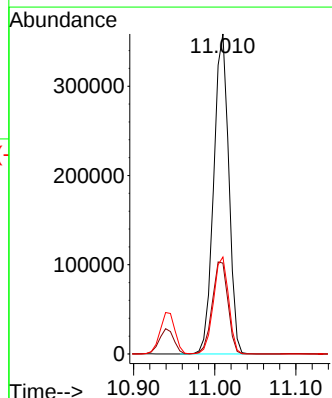
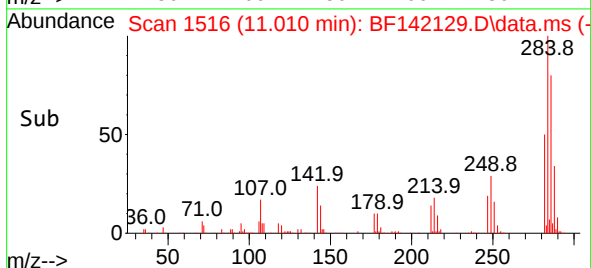
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

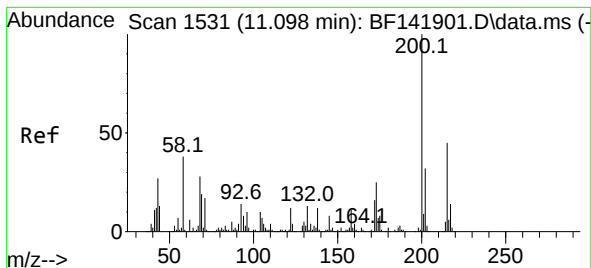


#68
Hexachlorobenzene
Concen: 58.195 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16



Tgt Ion:284 Resp: 461911
Ion Ratio Lower Upper
284 100
142 28.4 27.0 40.6
249 30.3 25.2 37.8





#69

Atrazine

Concen: 59.172 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

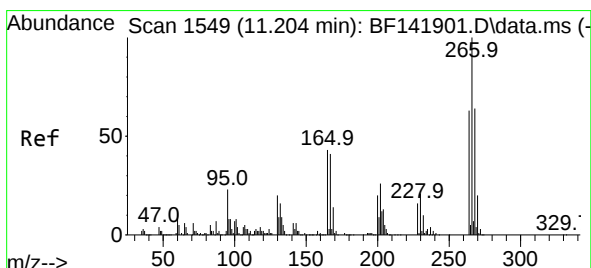
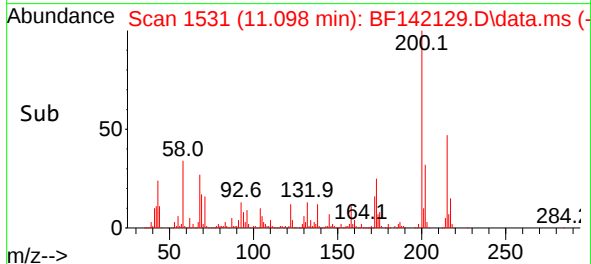
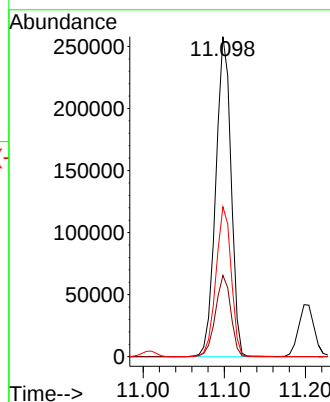
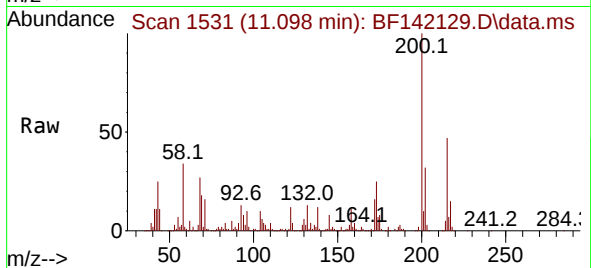
TP-4MSD

Tgt Ion:200 Resp: 33825
 Ion Ratio Lower Upper
 200 100
 173 25.4 4.7 44.7
 215 46.8 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#70

Pentachlorophenol

Concen: 62.242 ng

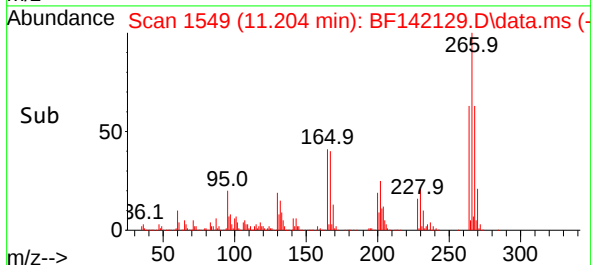
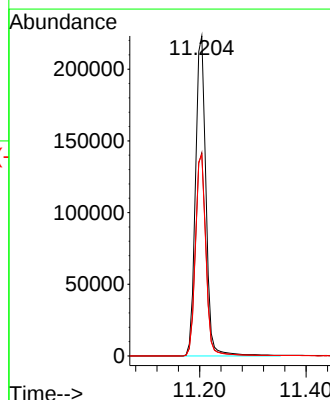
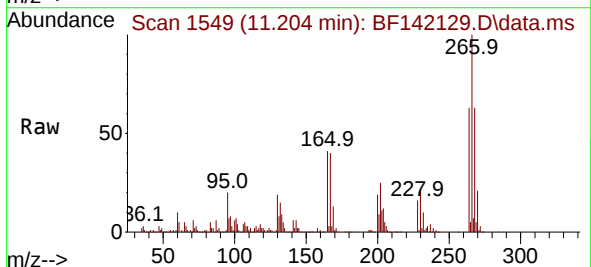
RT: 11.204 min Scan# 1549

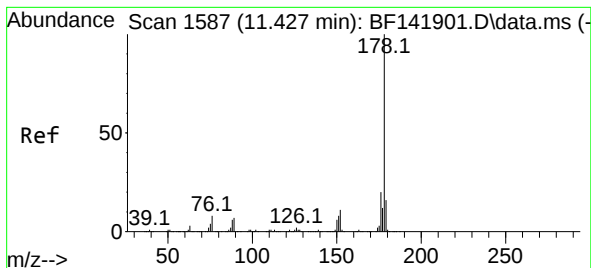
Delta R.T. 0.000 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Tgt Ion:266 Resp: 304387
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 62.9 50.2 75.2





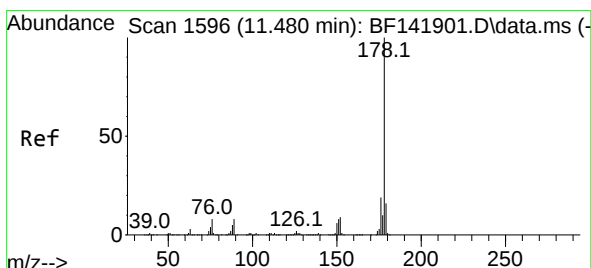
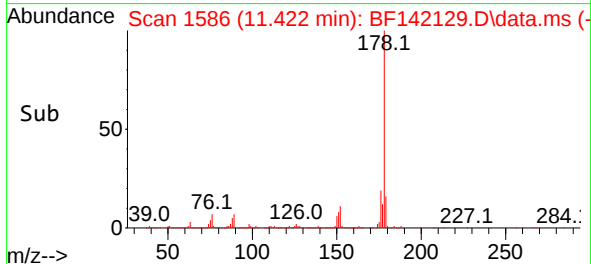
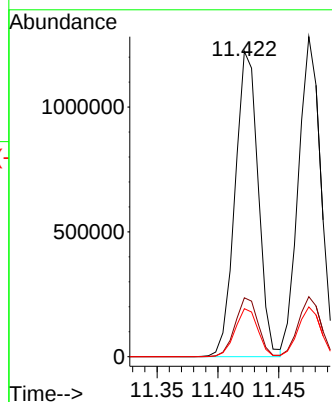
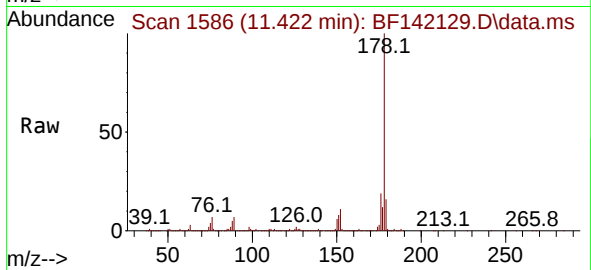
#71
Phenanthrene
Concen: 51.809 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:178 Resp: 161253
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.7 12.6 19.0

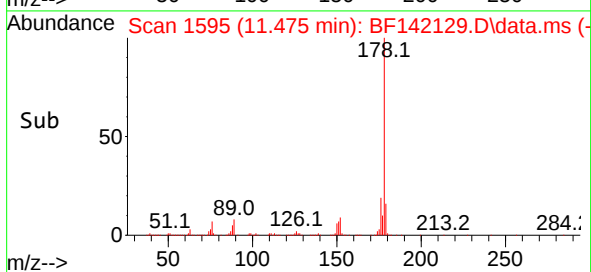
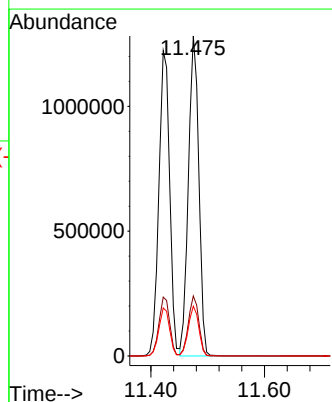
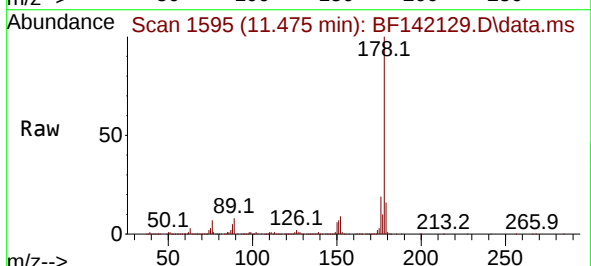
Manual Integrations
APPROVED

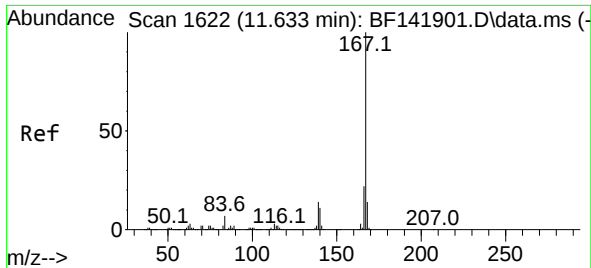
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#72
Anthracene
Concen: 52.219 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

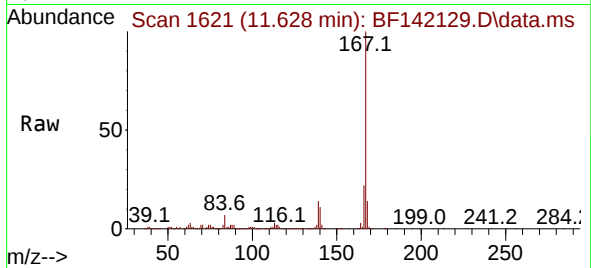
Tgt Ion:178 Resp: 1630595
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 49.264 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142129.D
 Acq: 27 Mar 2025 17:16

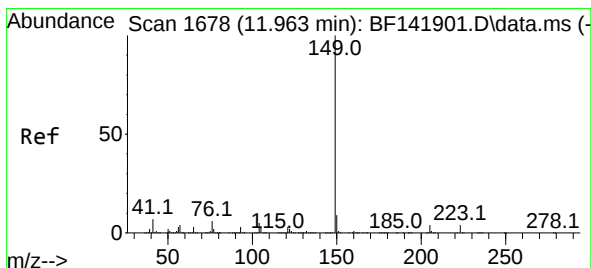
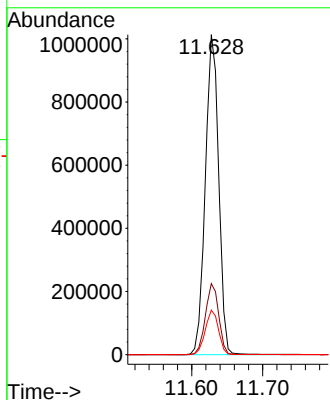
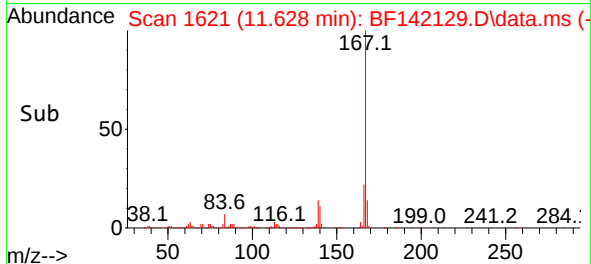
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD



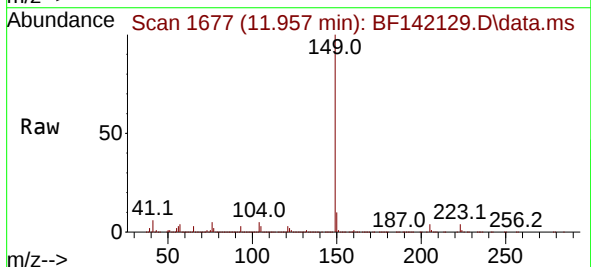
Tgt Ion:167 Resp: 1326668
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.9 11.0 16.6

Manual Integrations
 APPROVED

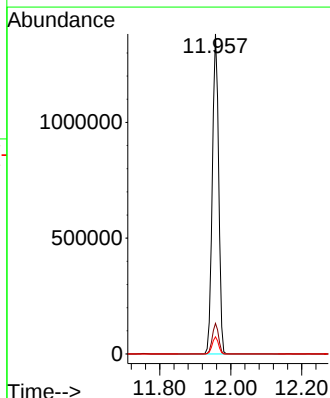
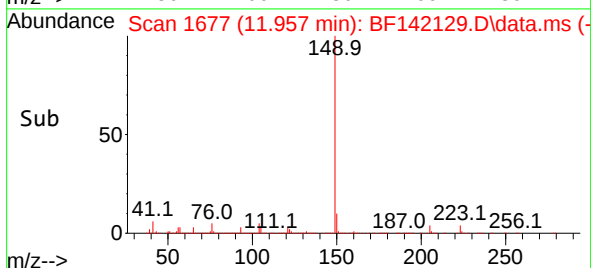
Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

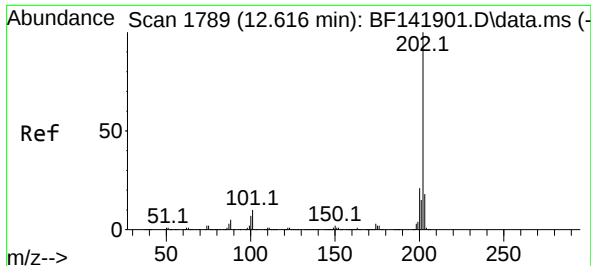


#74
 Di-n-butylphthalate
 Concen: 47.902 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142129.D
 Acq: 27 Mar 2025 17:16



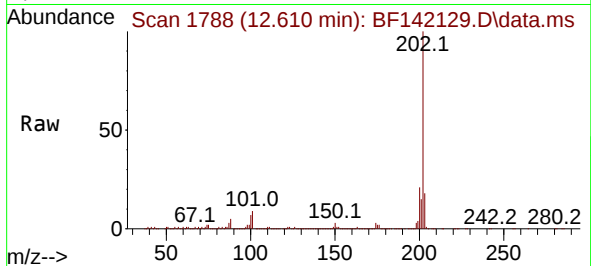
Tgt Ion:149 Resp: 1711680
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 44.531 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

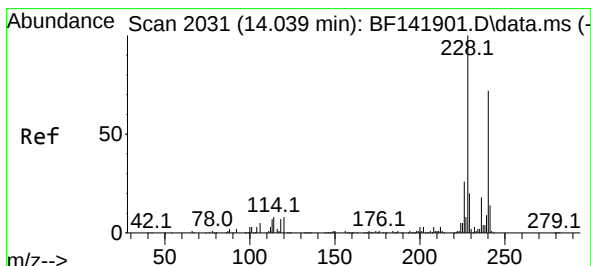
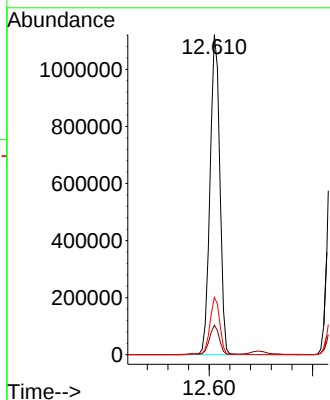
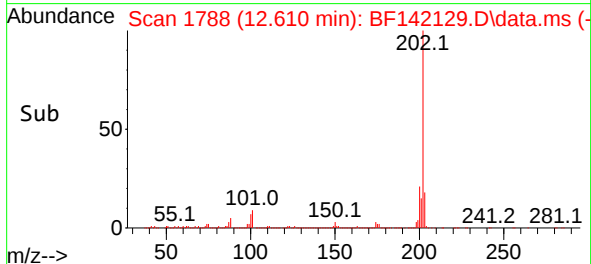
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:202 Resp: 147024
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.9 0.0 37.8

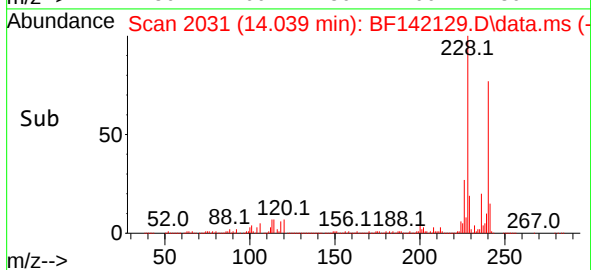
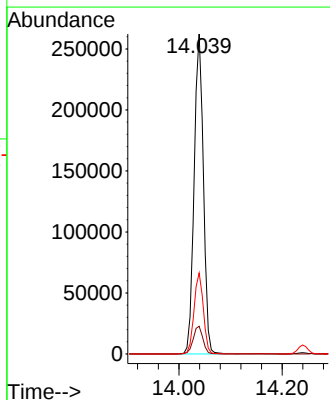
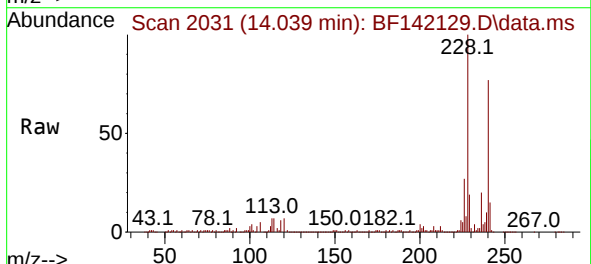
Manual Integrations
APPROVED

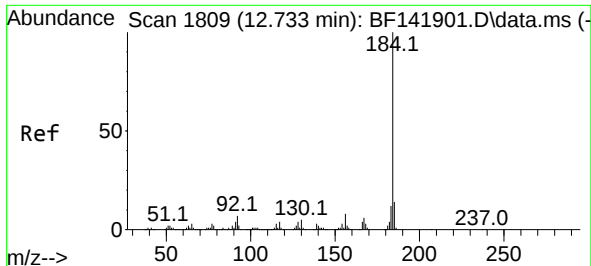
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

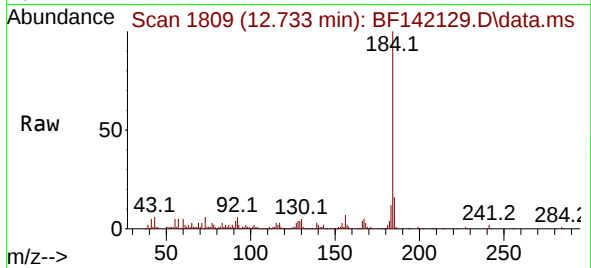
Tgt Ion:240 Resp: 326035
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.3 20.5 30.7





#77
Benzidine
Concen: 68.399 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

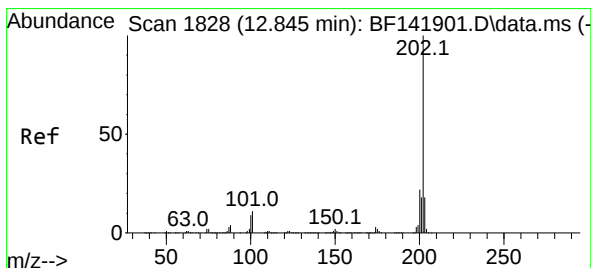
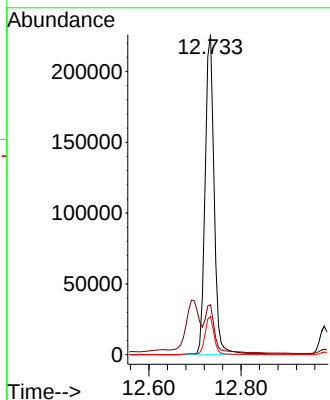
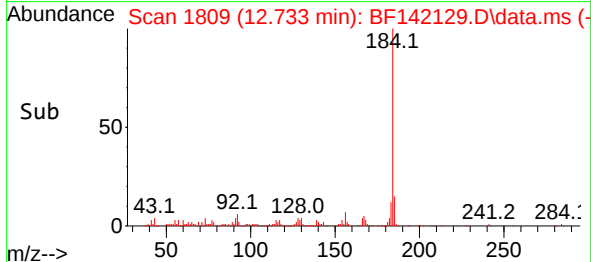
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:184 Resp: 311134
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 11.9 9.7 14.5

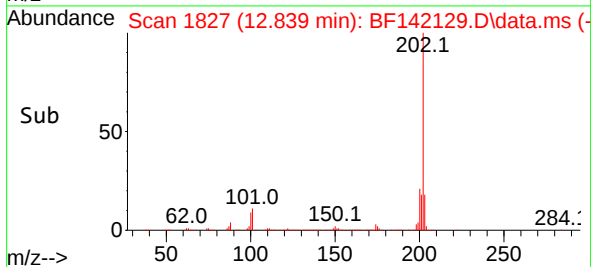
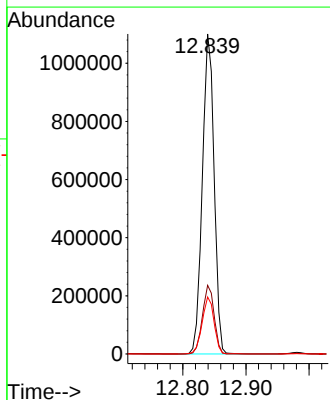
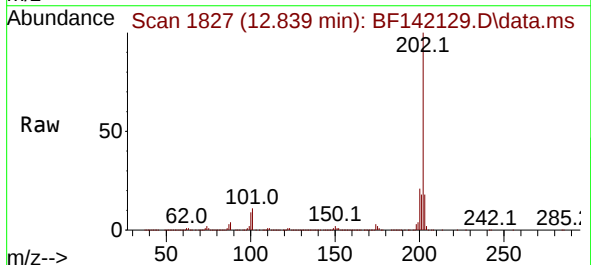
Manual Integrations
APPROVED

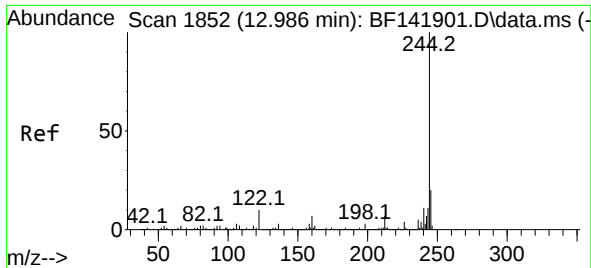
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#78
Pyrene
Concen: 50.392 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

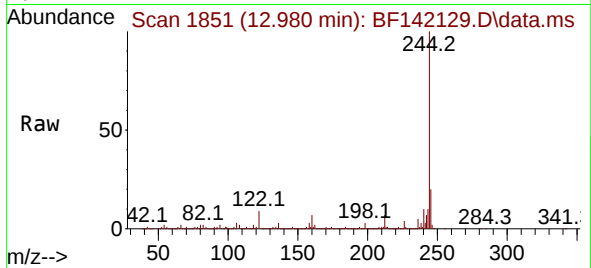
Tgt Ion:202 Resp: 1421167
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.8 14.4 21.6





#79
Terphenyl-d14
Concen: 84.574 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

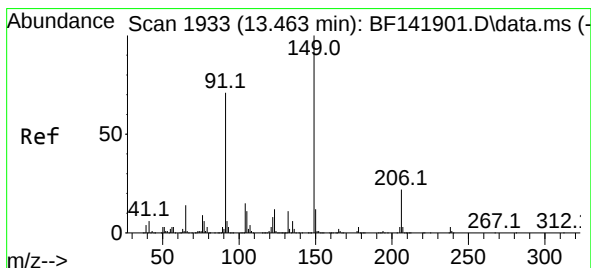
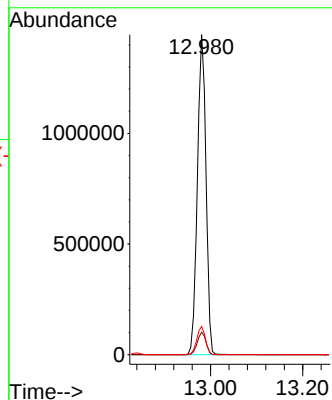
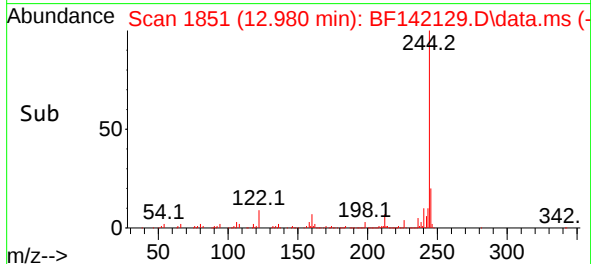
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:244 Resp: 186505
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.8 7.7 11.5

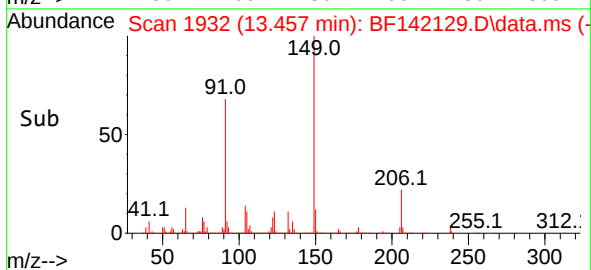
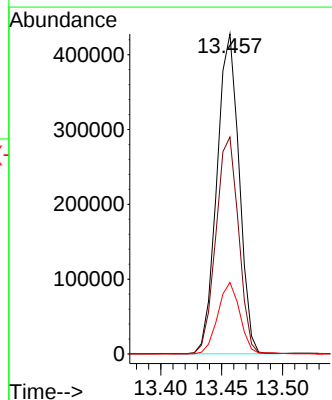
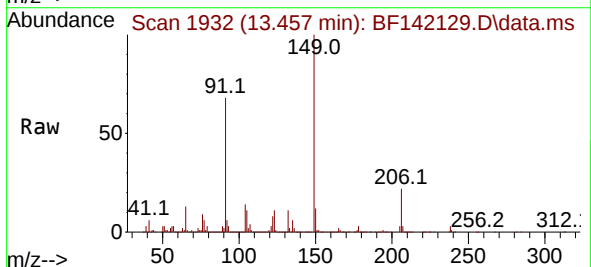
Manual Integrations
APPROVED

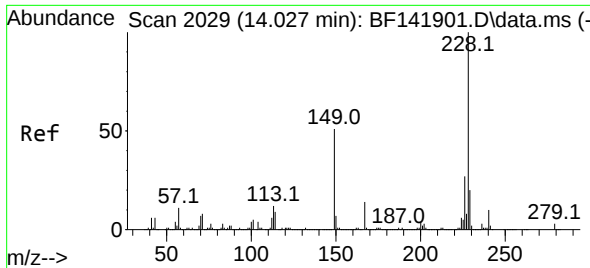
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#80
Butylbenzylphthalate
Concen: 49.273 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

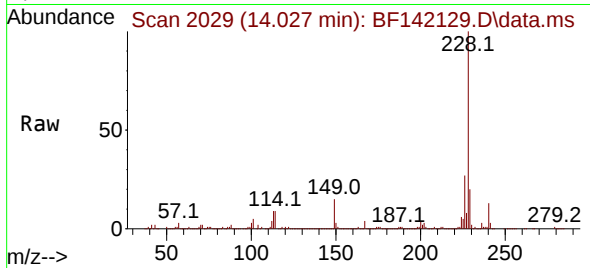
Tgt Ion:149 Resp: 543895
Ion Ratio Lower Upper
149 100
91 67.8 56.5 84.7
206 22.4 17.3 25.9





#81
Benzo(a)anthracene
Concen: 52.143 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

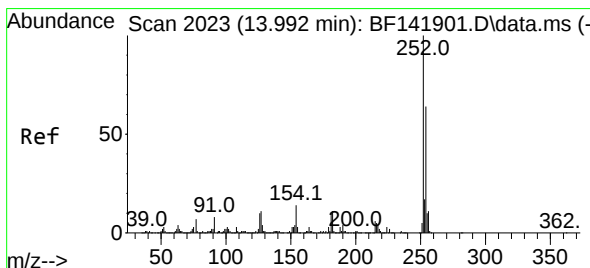
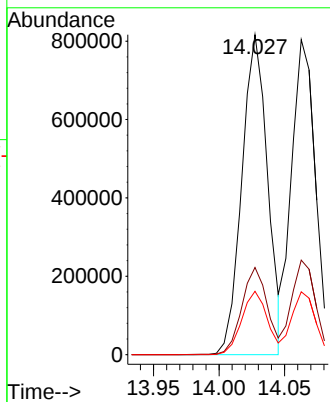
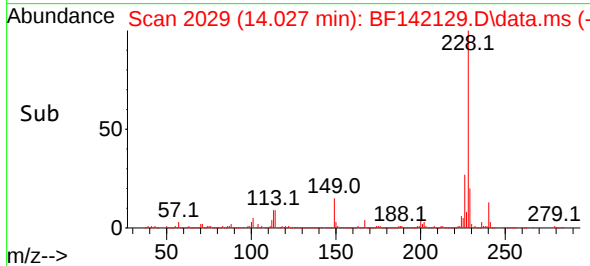
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:228 Resp: 111557
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 16.0 24.0

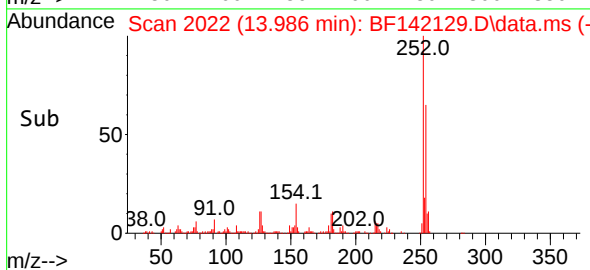
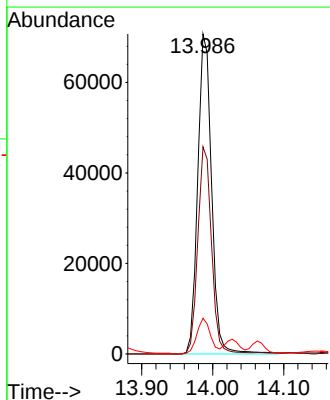
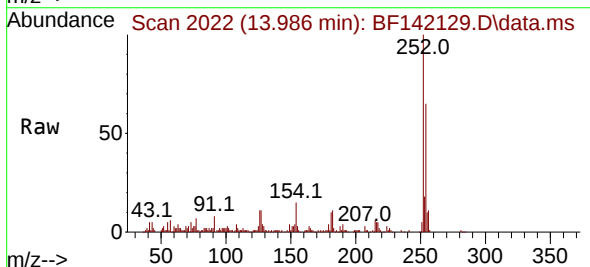
Manual Integrations
APPROVED

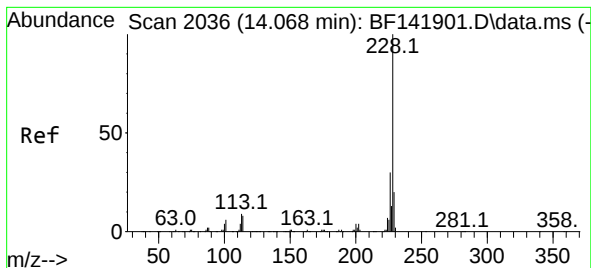
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#82
3,3'-Dichlorobenzidine
Concen: 15.576 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:252 Resp: 96301
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 11.2 8.4 12.6





#83

Chrysene

Concen: 52.442 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:228 Resp: 1017030

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

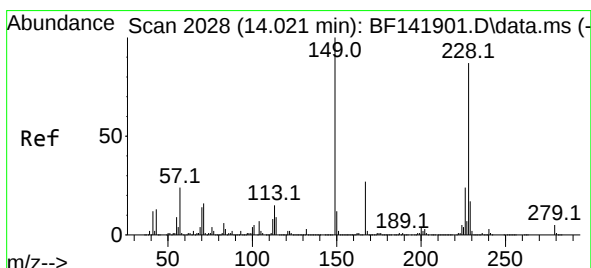
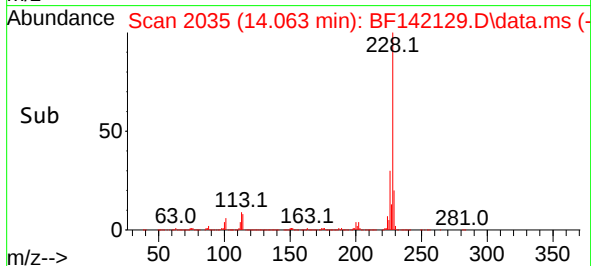
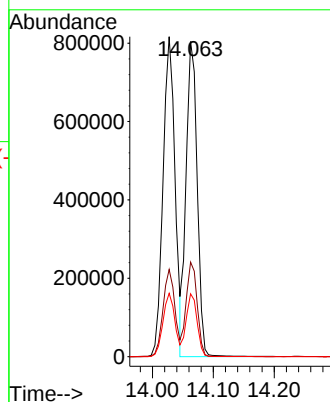
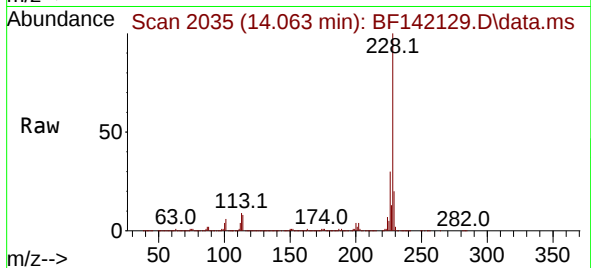
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.169 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

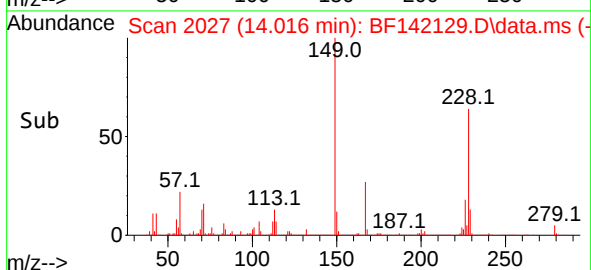
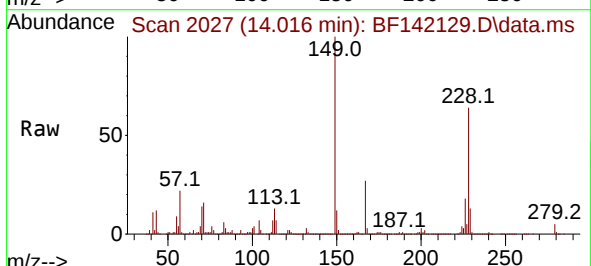
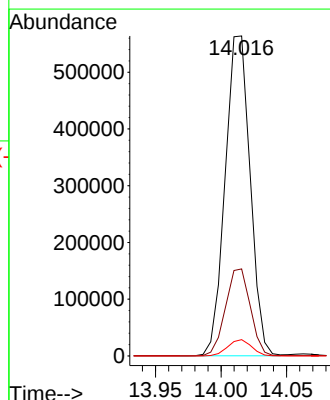
Tgt Ion:149 Resp: 748331

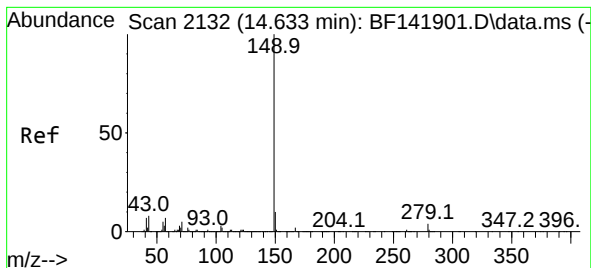
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

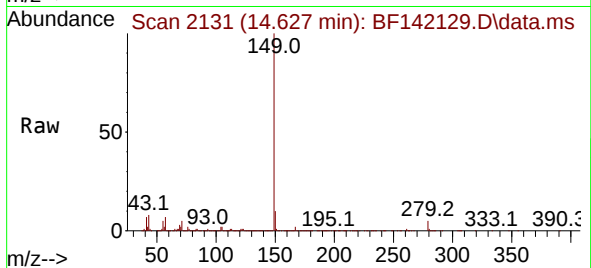
279 5.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 58.031 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

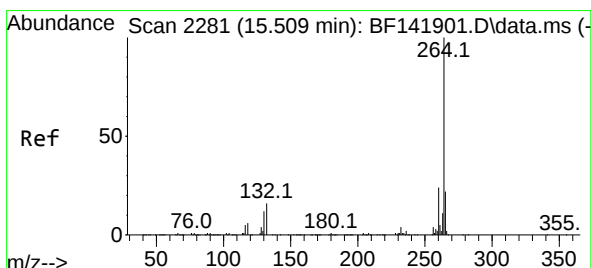
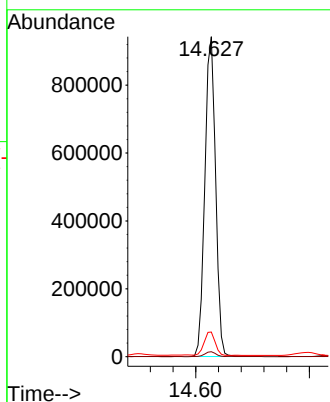
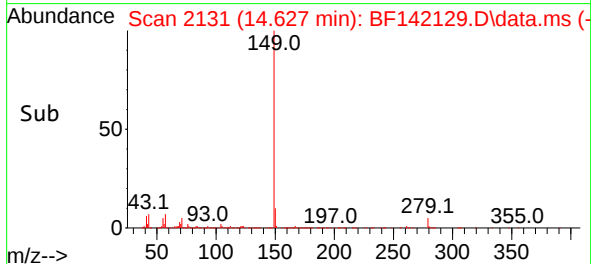
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:149 Resp: 1228894
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.9 10.3

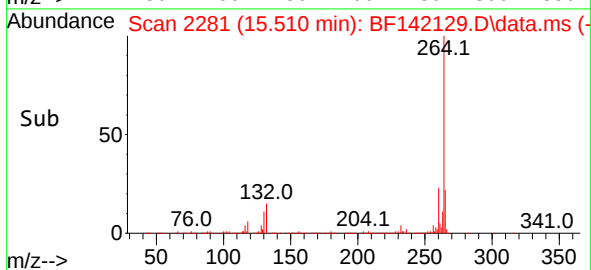
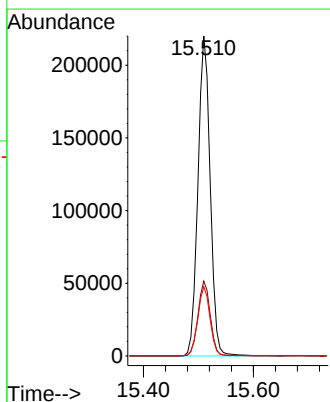
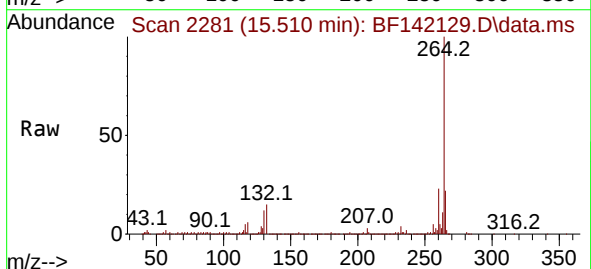
Manual Integrations
APPROVED

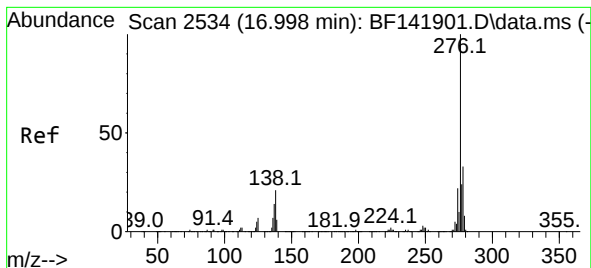
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:264 Resp: 340715
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.796 ng

RT: 17.010 min Scan# 2536

Delta R.T. 0.012 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:276 Resp: 1273840

Ion Ratio Lower Upper

276 100

138 20.7 18.4 27.6

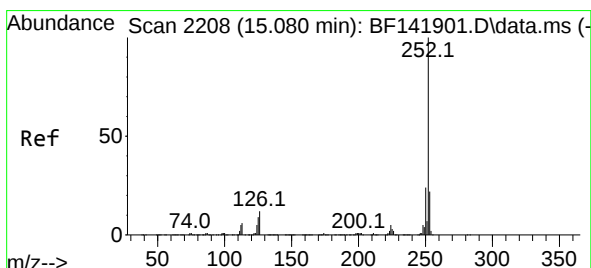
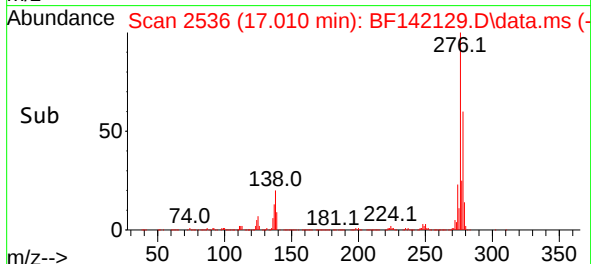
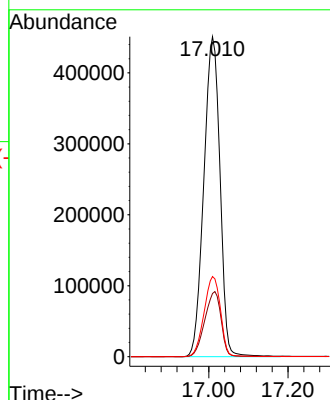
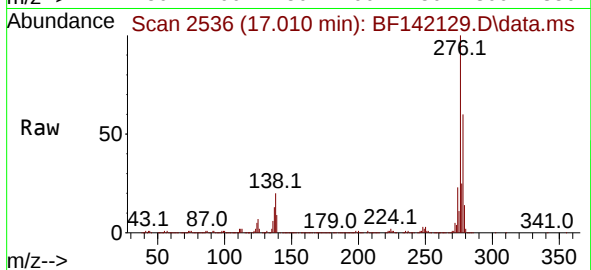
277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/28/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#88

Benzo(b)fluoranthene

Concen: 44.331 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142129.D

Acq: 27 Mar 2025 17:16

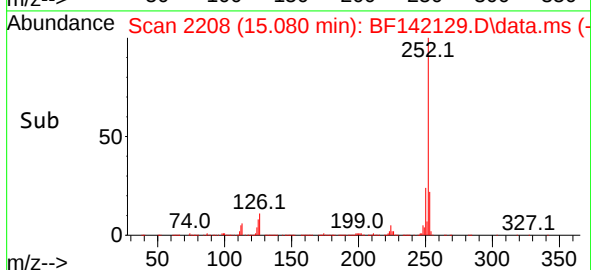
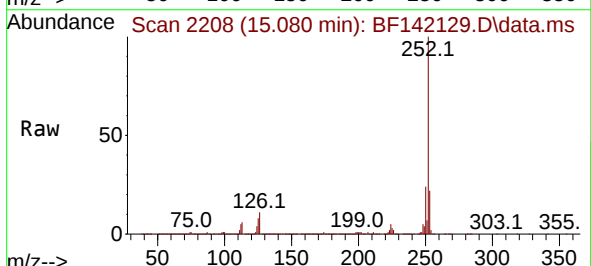
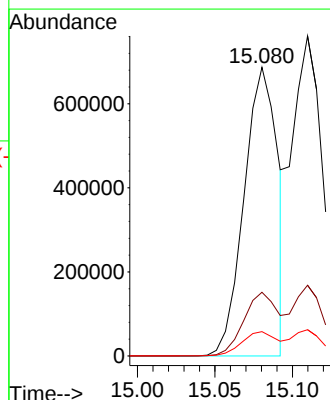
Tgt Ion:252 Resp: 1035171

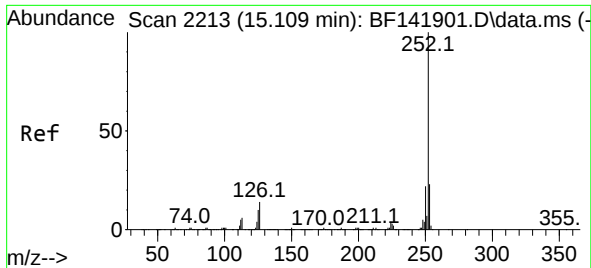
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

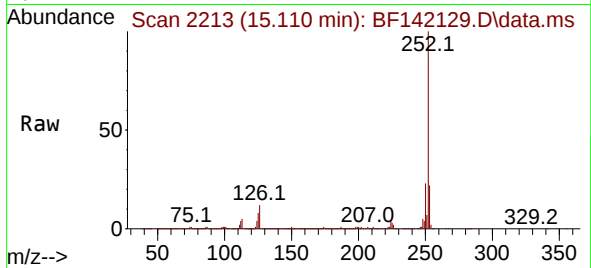
125 8.4 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 53.045 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

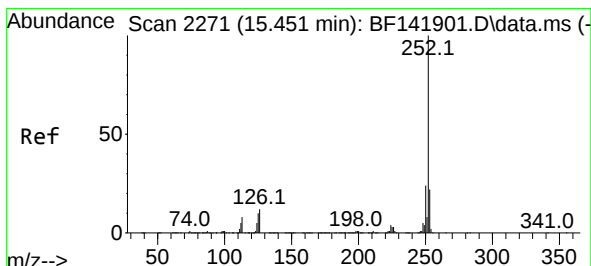
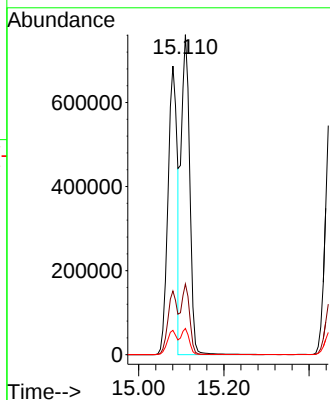
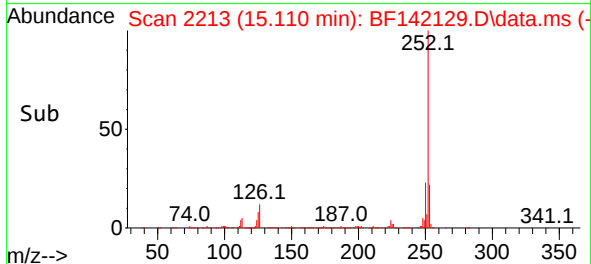
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:252 Resp: 1060000
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.2 7.2 10.8

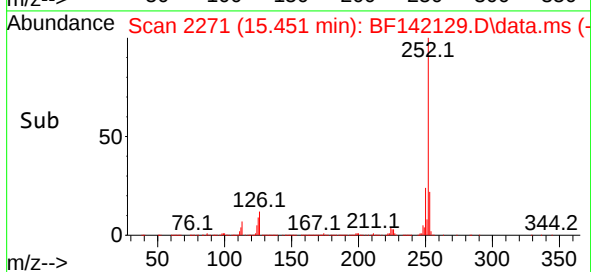
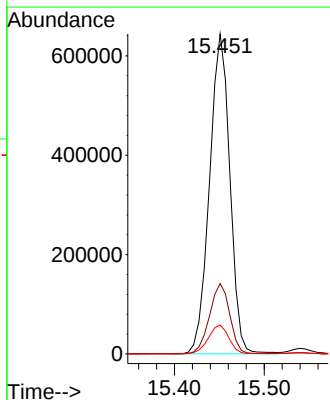
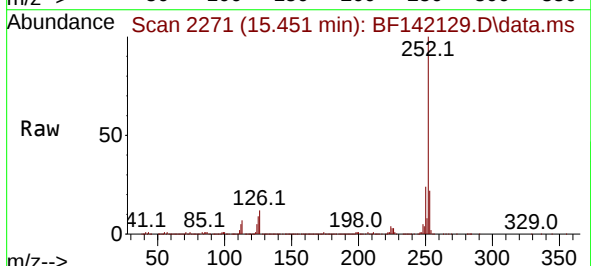
Manual Integrations
APPROVED

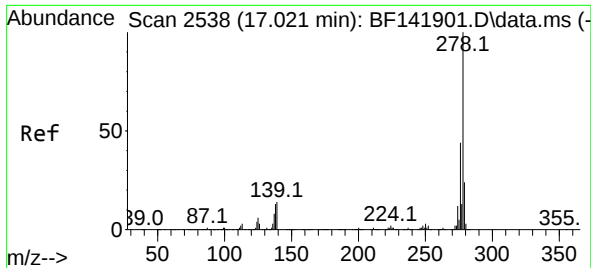
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#90
Benzo(a)pyrene
Concen: 55.481 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

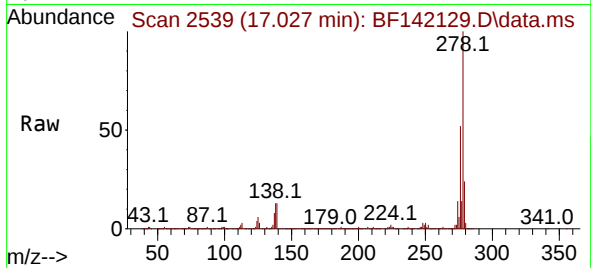
Tgt Ion:252 Resp: 1013722
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 57.666 ng
RT: 17.027 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

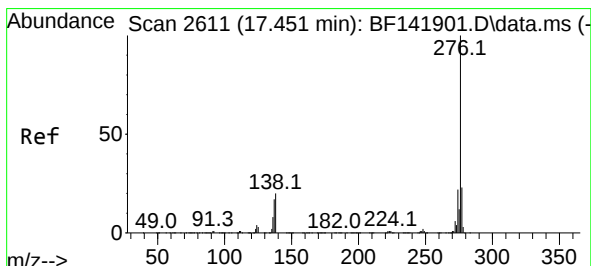
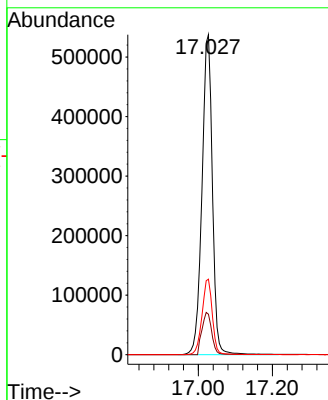
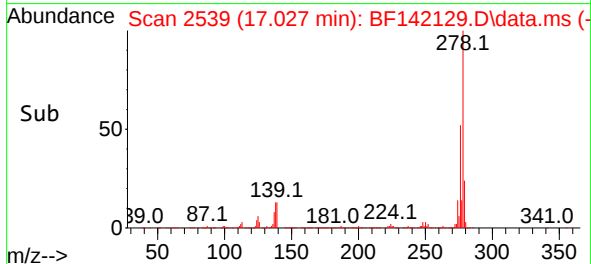
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:278 Resp: 104865
Ion Ratio Lower Upper
278 100
139 12.6 11.4 17.2
279 23.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#92
Benzo(g,h,i)perylene
Concen: 54.116 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF142129.D
Acq: 27 Mar 2025 17:16

Tgt Ion:276 Resp: 972490
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.1 15.8 23.8

