

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142066.D
 Acq On : 24 Mar 2025 20:51
 Operator : RC/JU
 Sample : Q1626-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1MSD

Quant Time: Mar 24 21:17:18 2025
 Quant Method : T:\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	6.875	152	101511	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	357350	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	170553	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	324399	20.000	ng	0.00
76) Chrysene-d12	14.045	240	259606	20.000	ng	0.00
86) Perylene-d12	15.521	264	186036	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	611236	100.494	ng	0.00
7) Phenol-d6	6.504	99	713334	92.113	ng	0.00
23) Nitrobenzene-d5	7.439	82	468631	73.801	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	254913	117.814	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	882773	78.716	ng	-0.01
79) Terphenyl-d14	12.980	244	1326765	75.559	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.687	88	124004	48.658	ng 98
3) Pyridine	3.457	79	308533	49.355	ng 96
4) n-Nitrosodimethylamine	3.399	42	155747	52.266	ng 98
6) Aniline	6.540	93	232738	30.465	ng 99
8) 2-Chlorophenol	6.663	128	338378	50.162	ng 98
9) Benzaldehyde	6.428	77	232425	53.664	ng 99
10) Phenol	6.516	94	389372	47.793	ng 99
11) bis(2-Chloroethyl)ether	6.610	93	314694	51.442	ng 97
12) 1,3-Dichlorobenzene	6.816	146	381044	52.322	ng 99
13) 1,4-Dichlorobenzene	6.892	146	390740	53.028	ng 99
14) 1,2-Dichlorobenzene	7.045	146	362611	52.246	ng 98
15) Benzyl Alcohol	7.016	79	284646	45.466	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	329584	44.626	ng 97
17) 2-Methylphenol	7.128	107	253088	47.187	ng 99
18) Hexachloroethane	7.386	117	129351	46.813	ng 98
19) n-Nitroso-di-n-propyla...	7.287	70	218102	43.831	ng 99
20) 3+4-Methylphenols	7.281	107	315904	45.983	ng # 75
22) Acetophenone	7.281	105	449372	52.511	ng 96
24) Nitrobenzene	7.457	77	332806	52.721	ng 99
25) Isophorone	7.692	82	586929	52.290	ng 99
26) 2-Nitrophenol	7.775	139	139401	44.994	ng 98
27) 2,4-Dimethylphenol	7.810	122	288918	67.723	ng 100
28) bis(2-Chloroethoxy)met...	7.904	93	366384	52.042	ng 100
29) 2,4-Dichlorophenol	8.016	162	261680	49.418	ng 98
30) 1,2,4-Trichlorobenzene	8.098	180	309505	53.038	ng 99
31) Naphthalene	8.181	128	952077	51.866	ng 100
32) Benzoic acid	7.910	122	181182	48.314	ng 98
33) 4-Chloroaniline	8.228	127	129074	19.918	ng 97
34) Hexachlorobutadiene	8.298	225	215919	56.736	ng 99
35) Caprolactam	8.586	113	74290	46.017	ng 91
36) 4-Chloro-3-methylphenol	8.704	107	264380	44.758	ng 98
37) 2-Methylnaphthalene	8.869	142	521830	42.530	ng 100
38) 1-Methylnaphthalene	8.969	142	549960	46.449	ng 100
40) 1,2,4,5-Tetrachloroben...	9.033	216	293444	56.511	ng 98
41) Hexachlorocyclopentadiene	9.022	237	56525	27.815	ng 98
43) 2,4,6-Trichlorophenol	9.145	196	179513	52.898	ng 99

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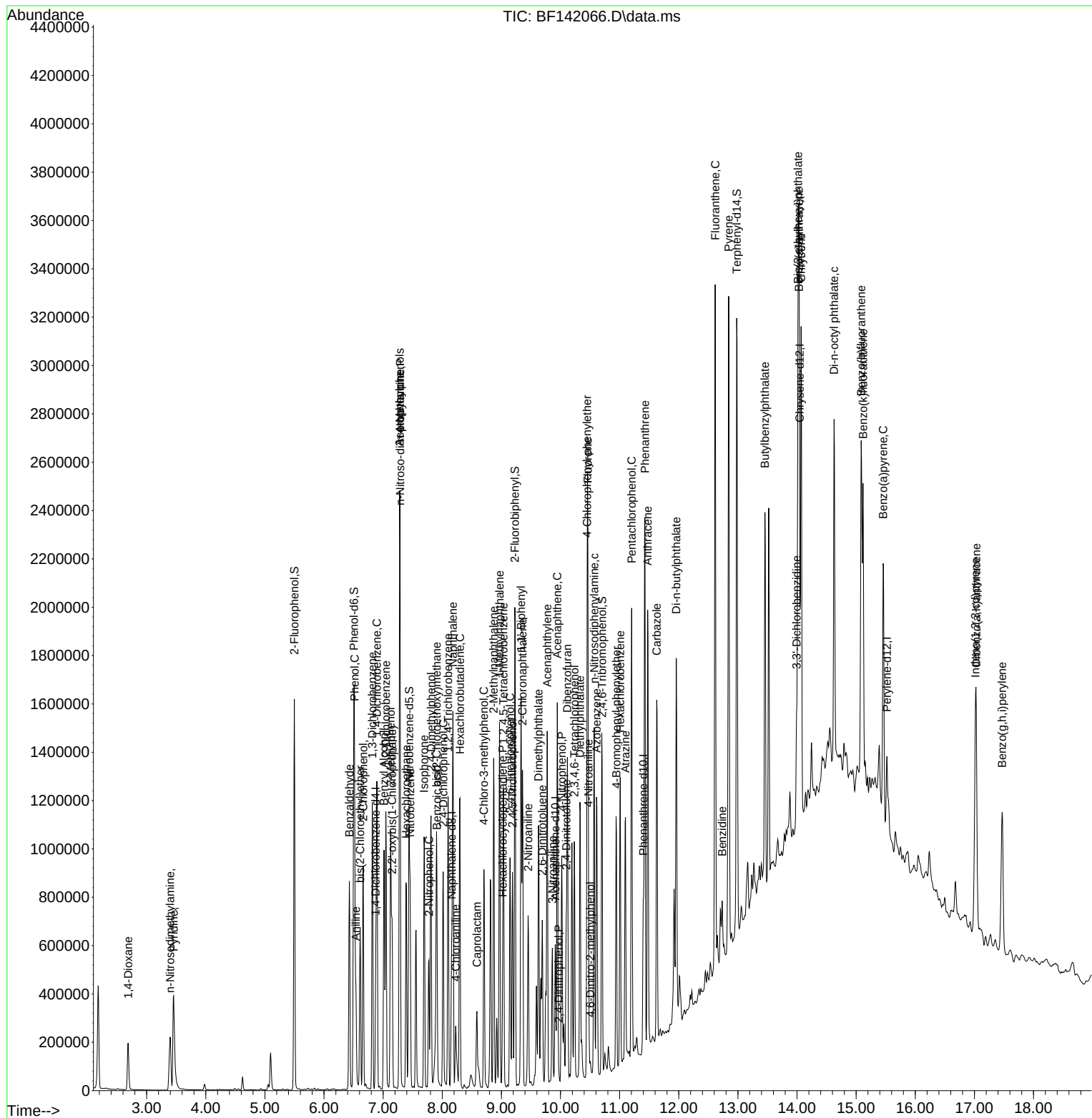
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	186137	54.156	ng	98
46) 1,1'-Biphenyl	9.333	154	702366	54.200	ng	100
47) 2-Chloronaphthalene	9.357	162	522066	54.050	ng	98
48) 2-Nitroaniline	9.451	65	161814	57.860	ng	96
49) Acenaphthylene	9.775	152	861150	60.080	ng	100
50) Dimethylphthalate	9.628	163	626990	52.497	ng	100
51) 2,6-Dinitrotoluene	9.692	165	124716	50.153	ng	93
52) Acenaphthene	9.945	154	493333	48.976	ng	100
53) 3-Nitroaniline	9.863	138	126590	50.185	ng	95
54) 2,4-Dinitrophenol	9.969	184	9054	12.455	ng	88
55) Dibenzofuran	10.116	168	721793	50.149	ng	98
56) 4-Nitrophenol	10.022	139	219882	115.590	ng	97
57) 2,4-Dinitrotoluene	10.098	165	159992	49.260	ng	97
58) Fluorene	10.463	166	618898	55.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	168625	53.915	ng	98
60) Diethylphthalate	10.327	149	610224	51.240	ng	100
61) 4-Chlorophenyl-phenylether	10.451	204	309506	53.486	ng	97
62) 4-Nitroaniline	10.475	138	133560	54.386	ng	95
63) Azobenzene	10.610	77	589377	53.231	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	8502	4.396	ng	84
66) n-Nitrosodiphenylamine	10.569	169	505146	48.120	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	195154	47.901	ng	96
68) Hexachlorobenzene	11.010	284	233096	52.166	ng	95
69) Atrazine	11.098	200	196300	60.997	ng	99
70) Pentachlorophenol	11.204	266	312252	113.420	ng	99
71) Phenanthrene	11.427	178	1208562	68.975	ng	100
72) Anthracene	11.474	178	1020072	58.028	ng	100
73) Carbazole	11.627	167	848014	55.936	ng	100
74) Di-n-butylphthalate	11.957	149	1073533	53.367	ng	99
75) Fluoranthene	12.616	202	1668050	89.745	ng	99
77) Benzidine	12.733	184	134358	37.095	ng	96
78) Pyrene	12.845	202	1645052	73.256	ng	99
80) Butylbenzylphthalate	13.457	149	509128	57.925	ng	100
81) Benzo(a)anthracene	14.033	228	1213230	71.218	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	147694	30.001	ng	99
83) Chrysene	14.068	228	1058697	68.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	731585	60.368	ng	99
85) Di-n-octyl phthalate	14.627	149	1031788	61.190	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	724364	60.191	ng	97
88) Benzo(b)fluoranthene	15.086	252	977504	76.666	ng	98
89) Benzo(k)fluoranthene	15.115	252	675245	61.886	ng	98
90) Benzo(a)pyrene	15.457	252	726873	72.859	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	509353	51.298	ng	99
92) Benzo(g,h,i)perylene	17.468	276	578401	58.947	ng	98

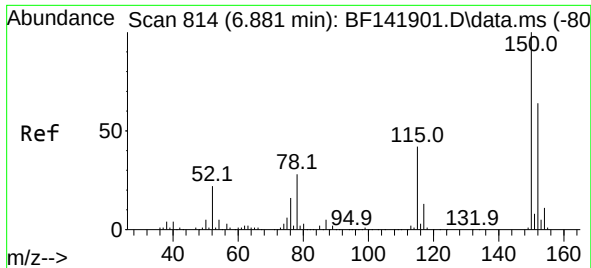
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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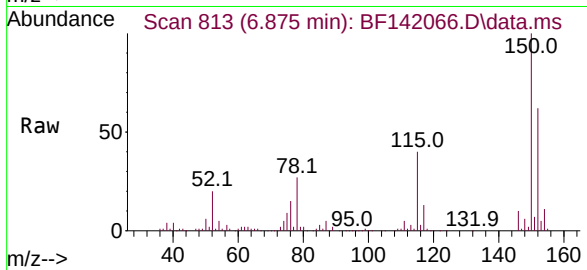
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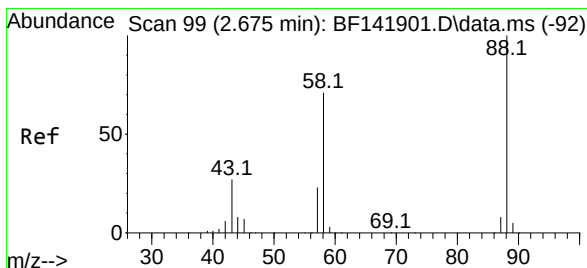
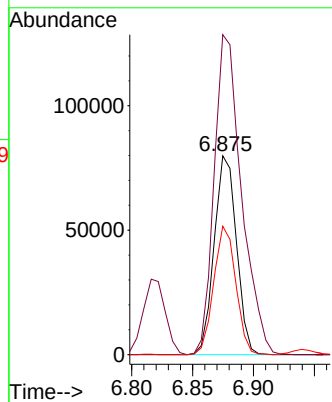
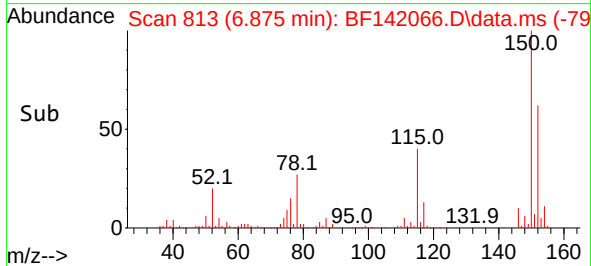


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

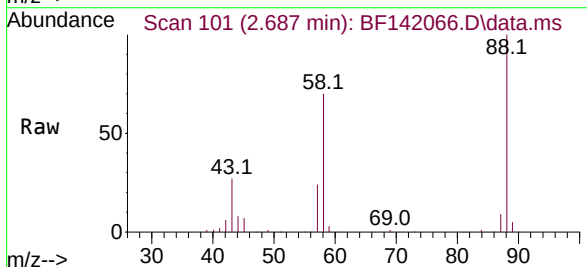
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BNA_F
ClientSampleId :
CO-32-1MSD



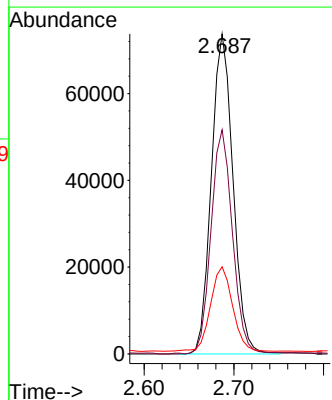
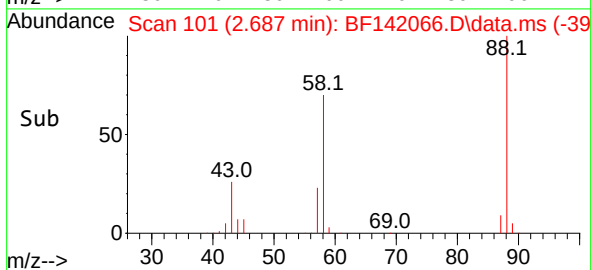
Tgt Ion:152 Resp: 101511
Ion Ratio Lower Upper
152 100
150 160.9 127.4 191.2
115 64.5 51.9 77.9

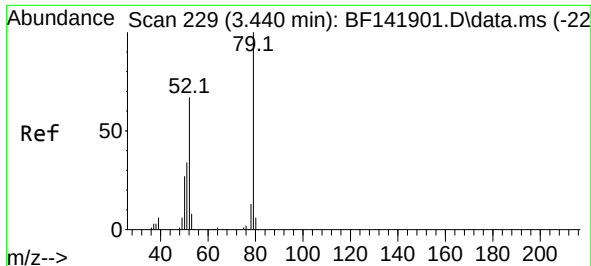


#2
1,4-Dioxane
Concen: 48.658 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51



Tgt Ion: 88 Resp: 124004
Ion Ratio Lower Upper
88 100
58 69.9 57.4 86.2
43 26.8 21.5 32.3

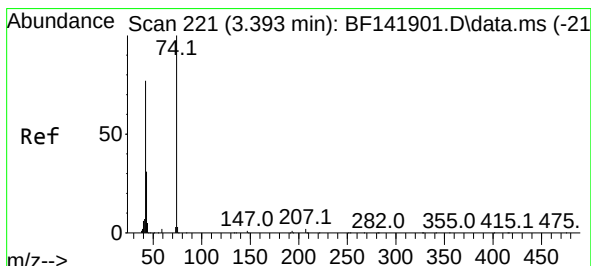
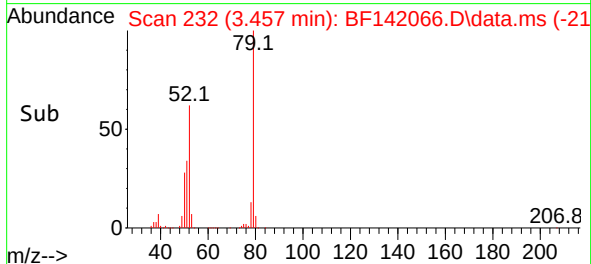
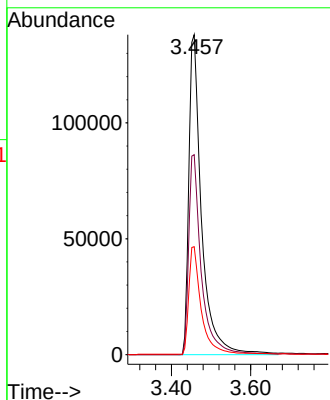
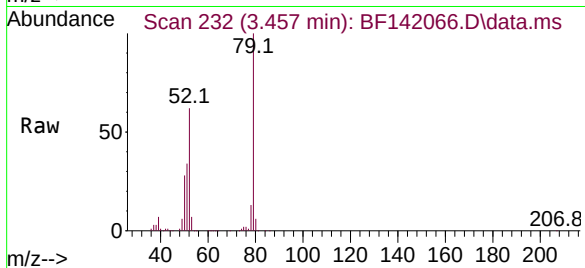




#3
Pyridine
Concen: 49.355 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

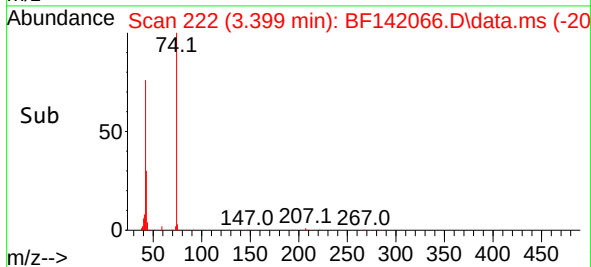
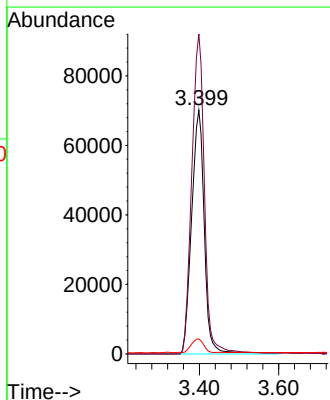
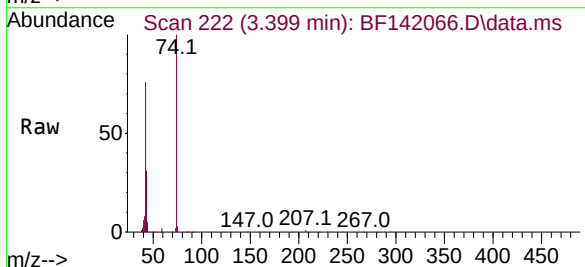
Instrument :
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ClientSampleId :
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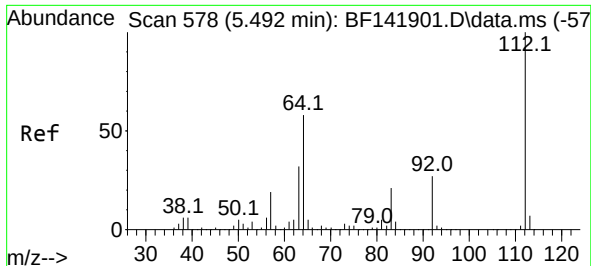
Tgt Ion: 79 Resp: 308533
Ion Ratio Lower Upper
79 100
52 62.5 53.3 79.9
51 33.7 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 52.266 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion: 42 Resp: 155747
Ion Ratio Lower Upper
42 100
74 131.3 103.4 155.0
44 6.1 5.0 7.4

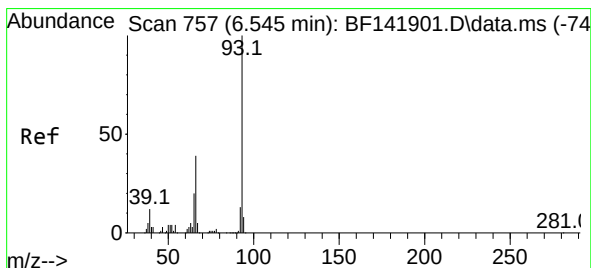
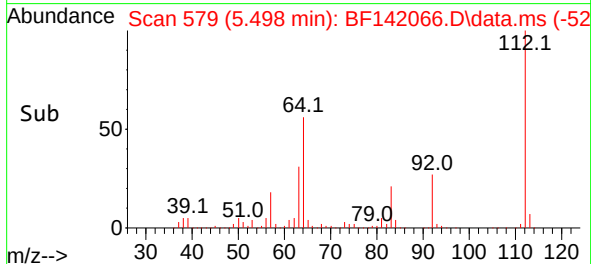
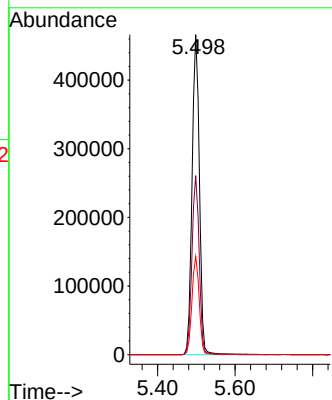
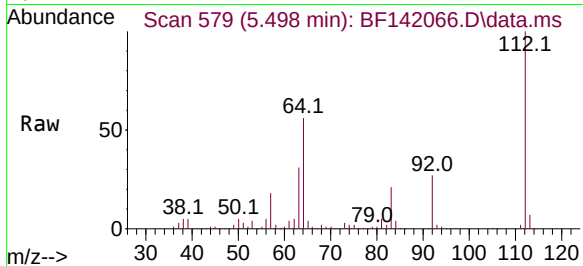




#5
2-Fluorophenol
Concen: 100.494 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

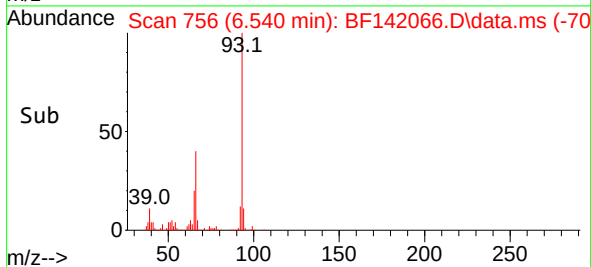
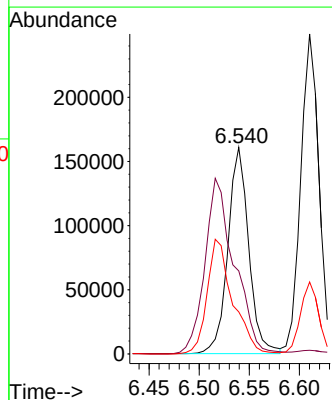
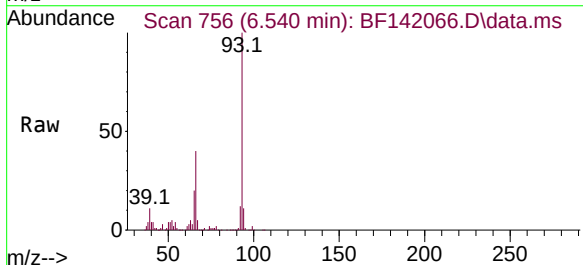
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

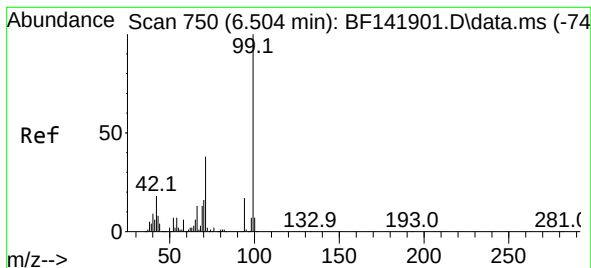
Tgt Ion:112 Resp: 611236
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.7 25.4 38.2



#6
Aniline
Concen: 30.465 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion: 93 Resp: 232738
Ion Ratio Lower Upper
93 100
66 40.2 31.9 47.9
65 20.3 15.8 23.6





#7

Phenol-d6

Concen: 92.113 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

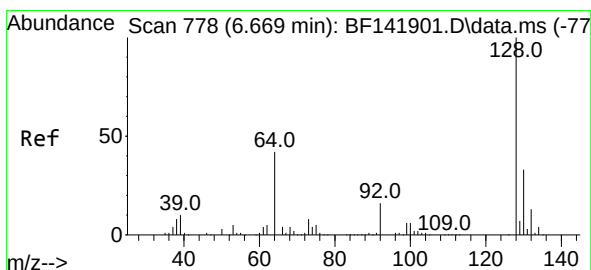
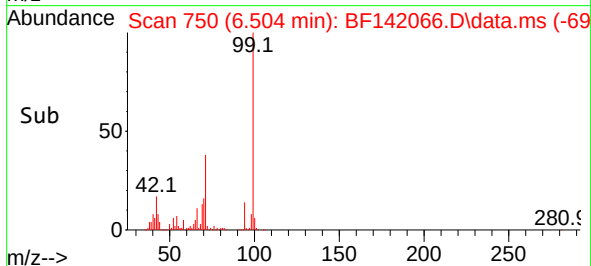
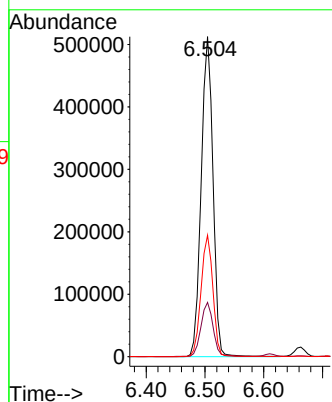
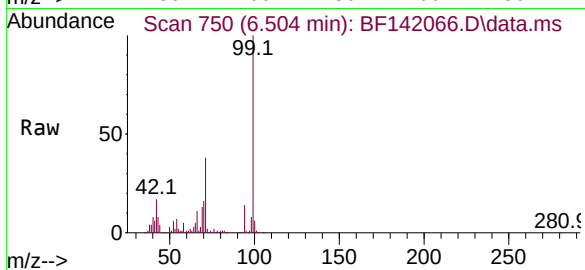
Tgt Ion: 99 Resp: 713334

Ion Ratio Lower Upper

99 100

42 16.9 14.6 21.8

71 37.9 30.8 46.2



#8

2-Chlorophenol

Concen: 50.162 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.006 min

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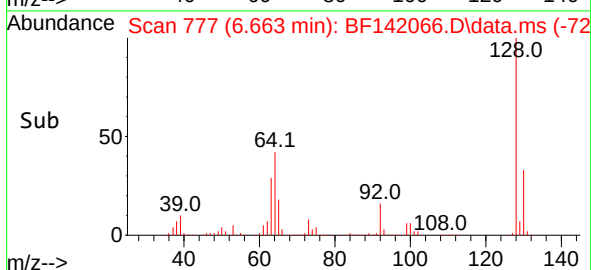
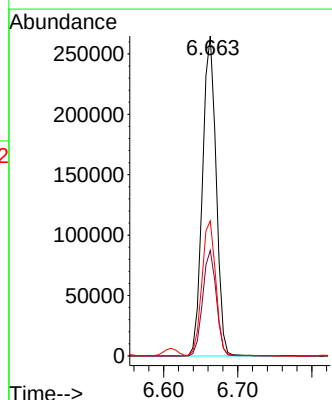
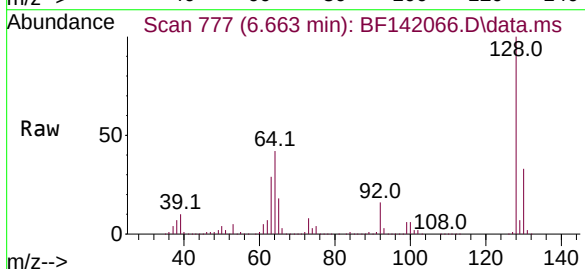
Tgt Ion: 128 Resp: 338378

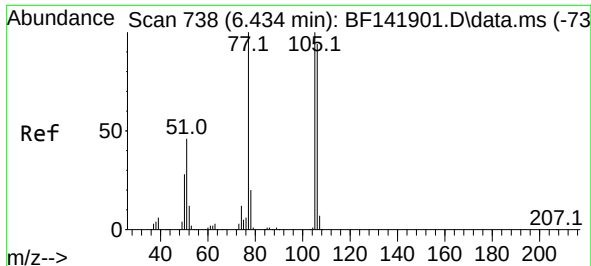
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 42.2 24.4 64.4

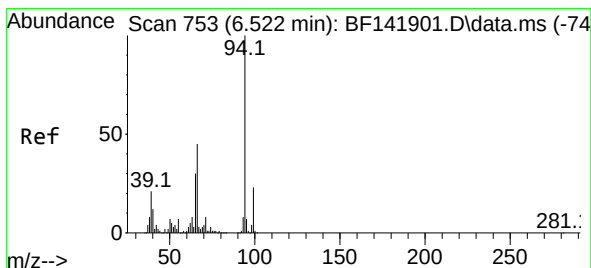
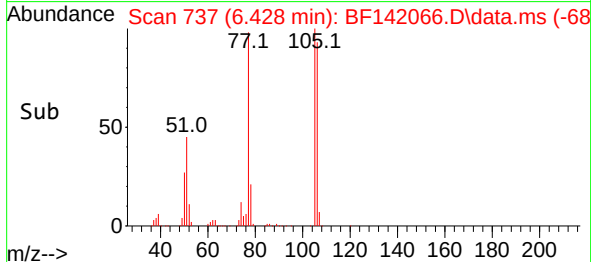
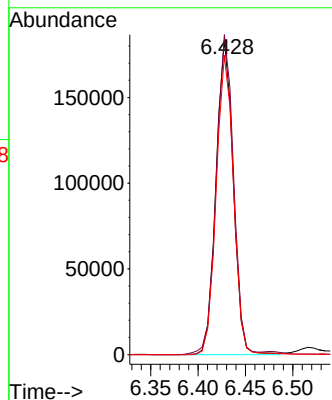
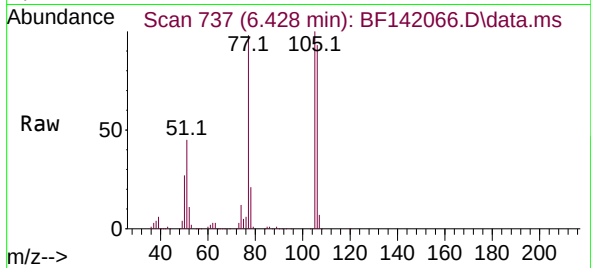




#9
Benzaldehyde
Concen: 53.664 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142066.D
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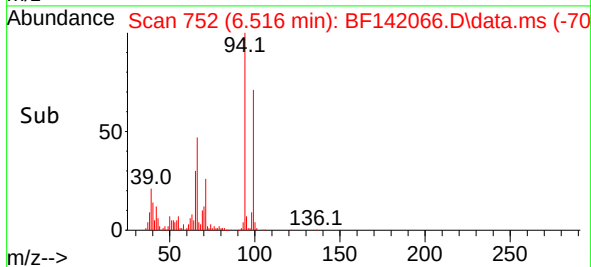
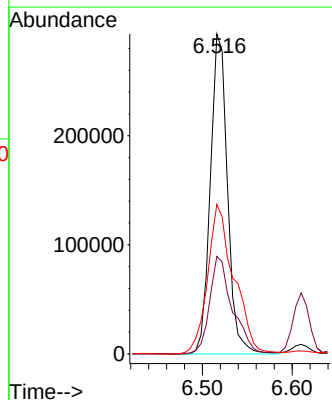
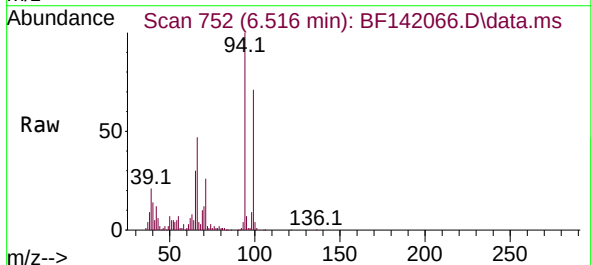
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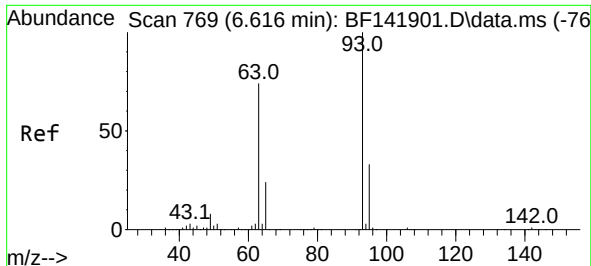
Tgt Ion: 77 Resp: 232425
Ion Ratio Lower Upper
77 100
105 101.8 80.0 120.0
106 95.1 74.5 114.5



#10
Phenol
Concen: 47.793 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 389372
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 46.7 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 51.442 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

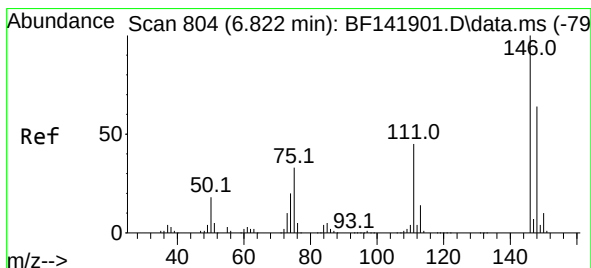
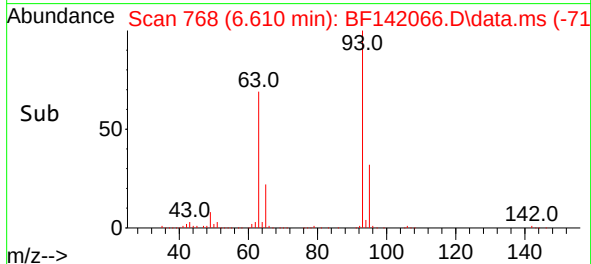
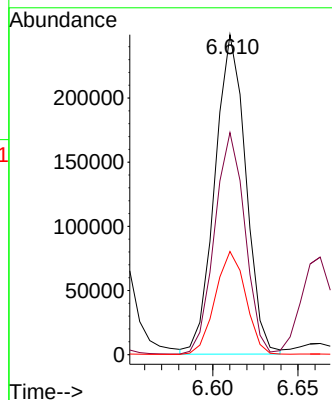
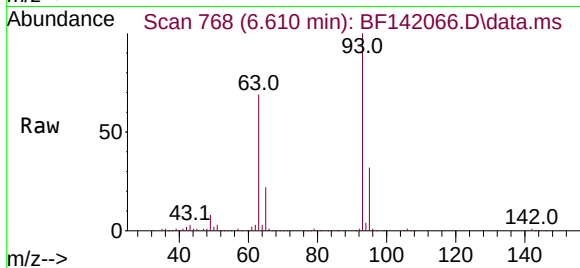
Tgt Ion: 93 Resp: 314694

Ion Ratio Lower Upper

93 100

63 69.4 53.0 93.0

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 52.322 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

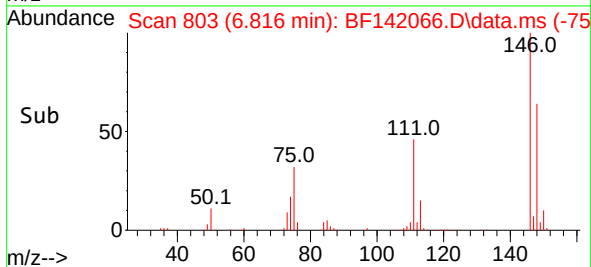
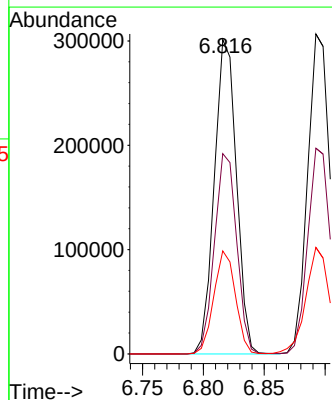
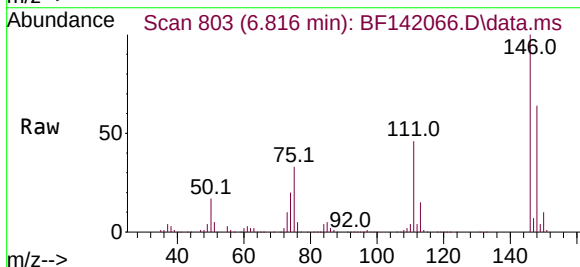
Tgt Ion: 146 Resp: 381044

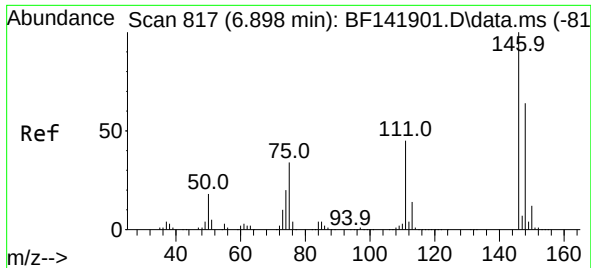
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

75 32.8 26.6 40.0

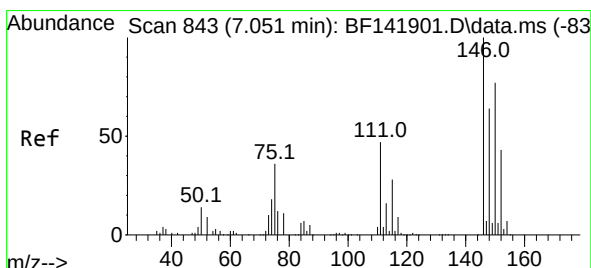
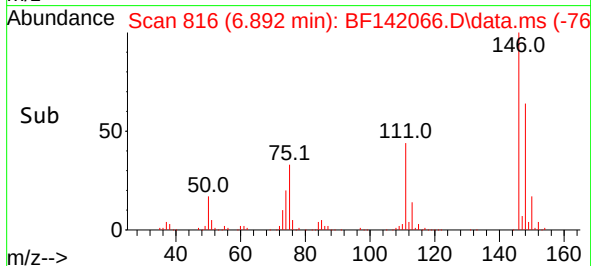
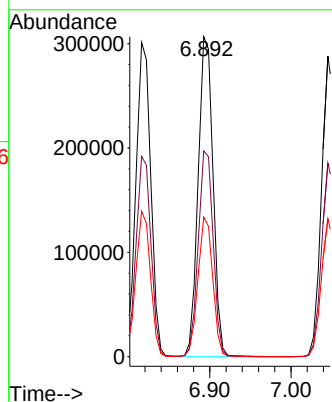
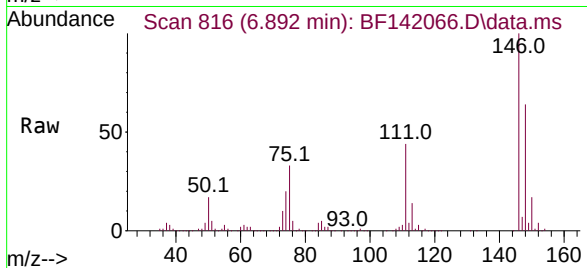




#13
1,4-Dichlorobenzene
Concen: 53.028 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

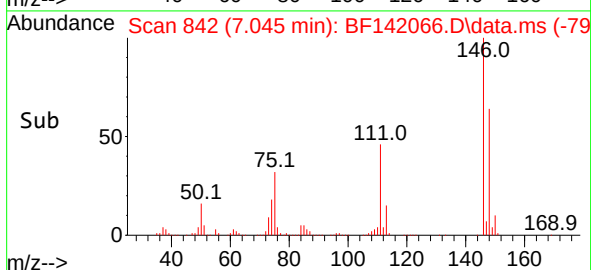
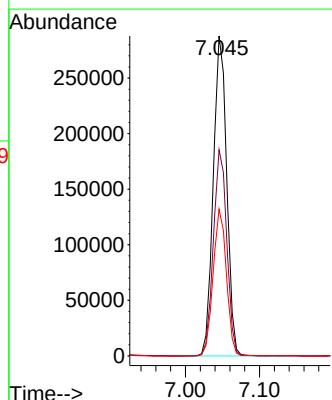
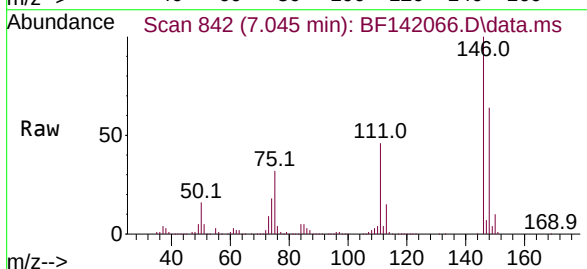
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

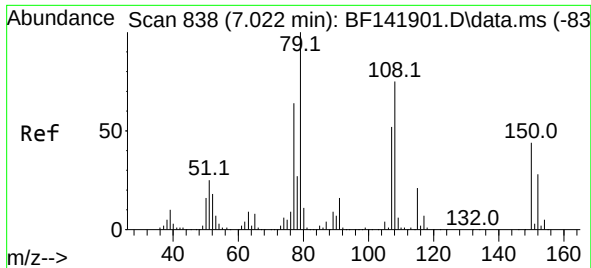
Tgt Ion:146 Resp: 390740
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 43.6 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 52.246 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:146 Resp: 362611
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 45.9 38.0 57.0

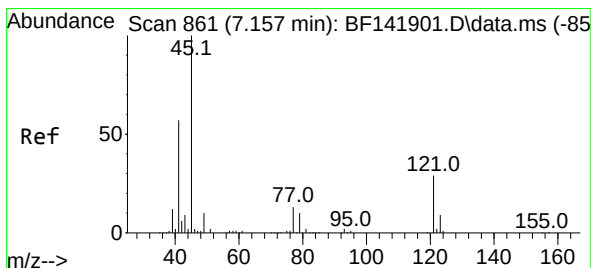
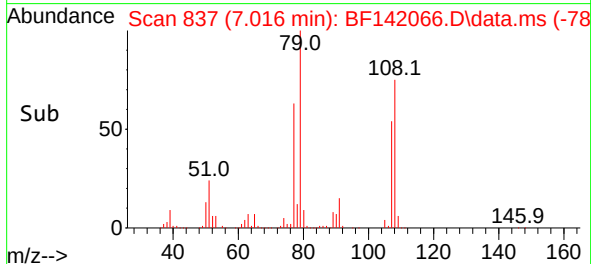
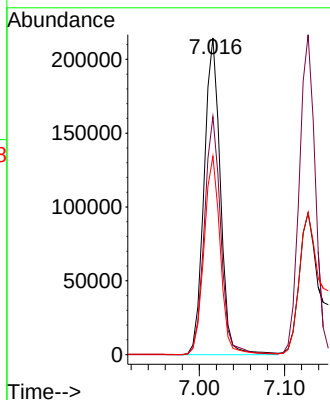
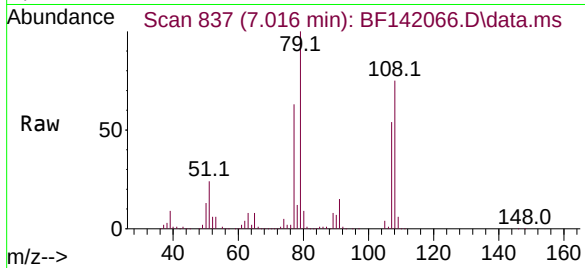




#15
Benzyl Alcohol
Concen: 45.466 ng
RT: 7.016 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

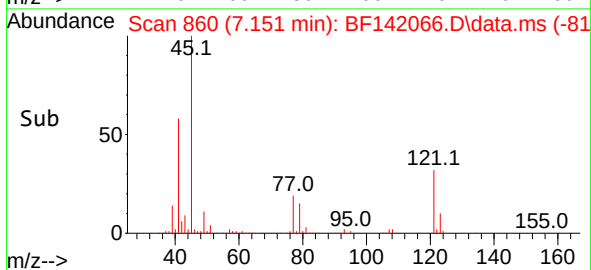
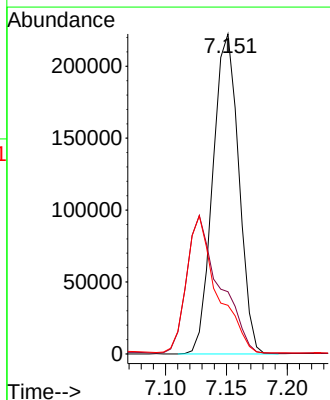
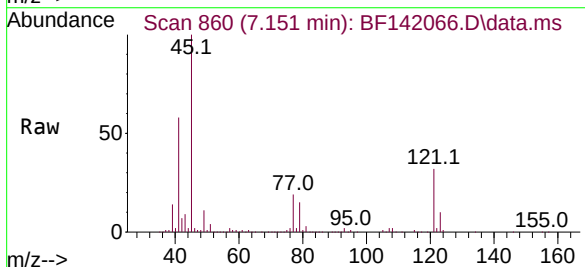
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

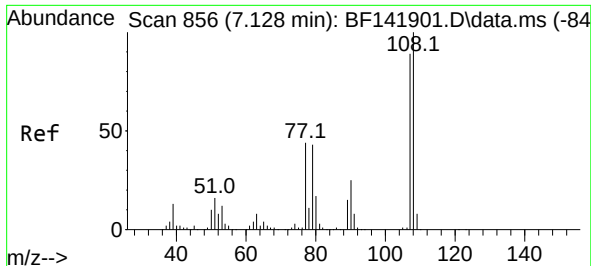
Tgt Ion: 79 Resp: 284646
Ion Ratio Lower Upper
79 100
108 75.1 59.7 89.5
77 62.6 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.626 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

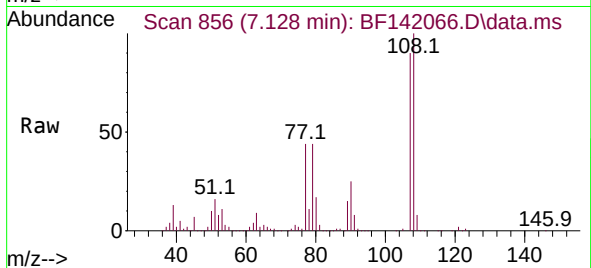
Tgt Ion: 45 Resp: 329584
Ion Ratio Lower Upper
45 100
77 19.4 0.0 37.8
79 15.2 0.0 34.2



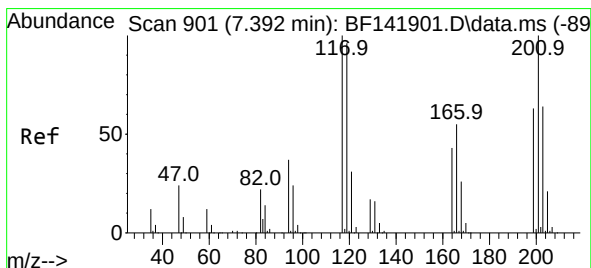
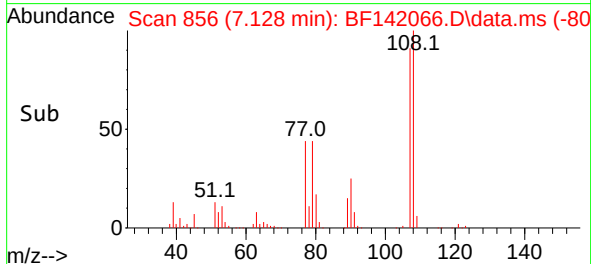
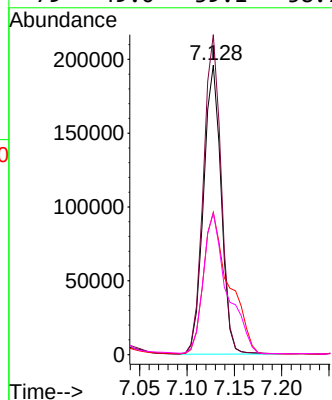


#17
2-Methylphenol
Concen: 47.187 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

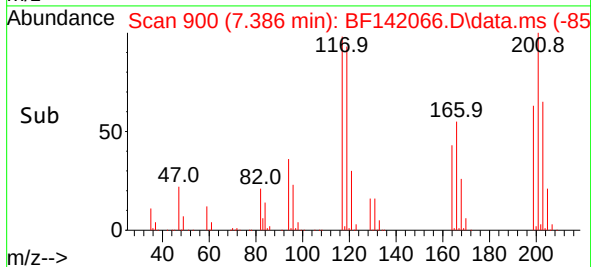
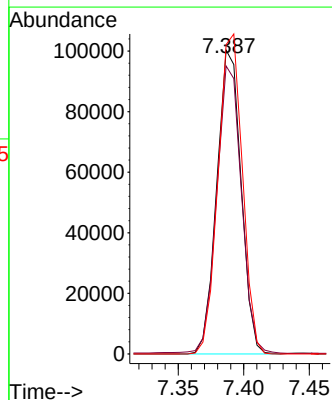
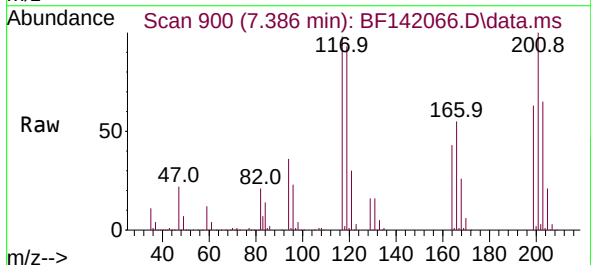


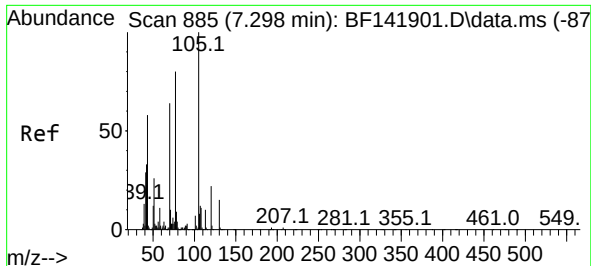
Tgt Ion:	107	Resp:	253088
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.2	135.2
77	49.1	39.6	59.4
79	49.0	39.1	58.7



#18
Hexachloroethane
Concen: 46.813 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:	117	Resp:	129351
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.9	115.3
201	101.8	79.9	119.9



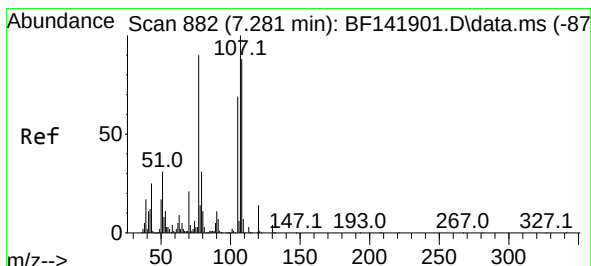
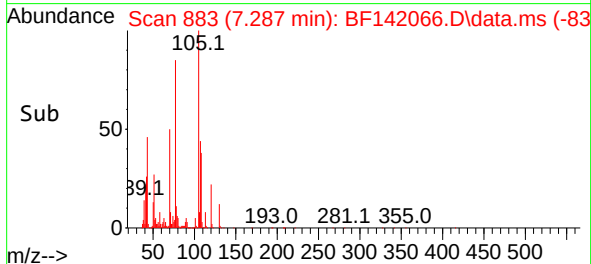
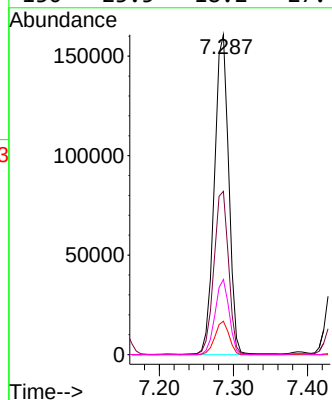
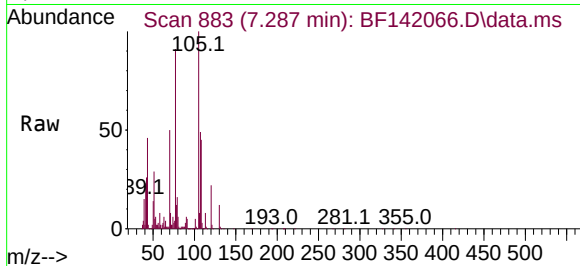


#19
n-Nitroso-di-n-propylamine
Concen: 43.831 ng
RT: 7.287 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Tgt Ion: 70 Resp: 218102

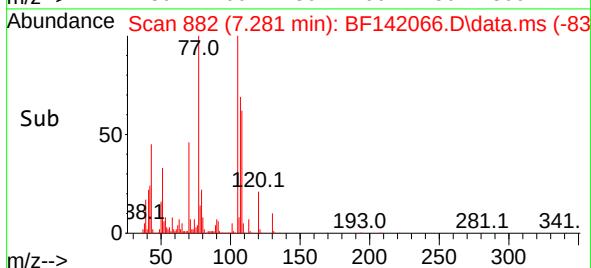
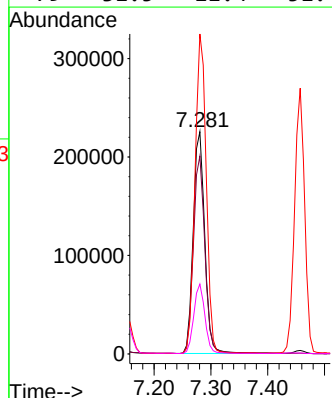
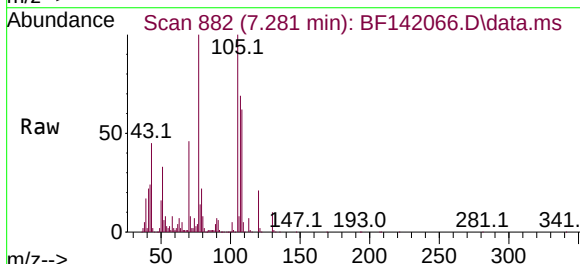
Ion	Ratio	Lower	Upper
70	100		
42	51.0	41.4	62.0
101	10.4	8.2	12.2
130	23.5	18.2	27.4

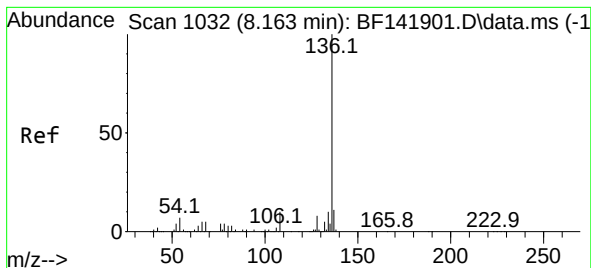


#20
3+4-Methylphenols
Concen: 45.983 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion: 107 Resp: 315904

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.4	108.4
77	144.1	69.7	109.7#
79	31.5	11.4	51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

Tgt Ion:136 Resp: 357350

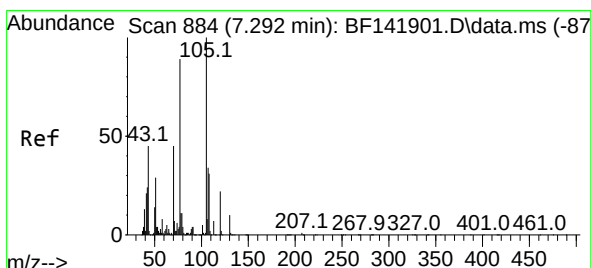
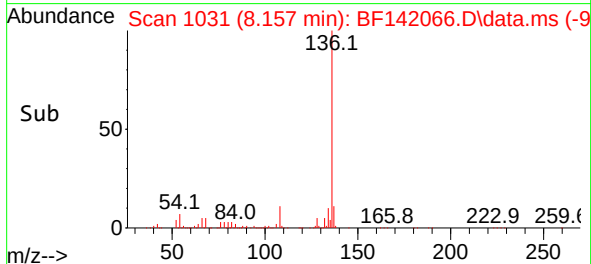
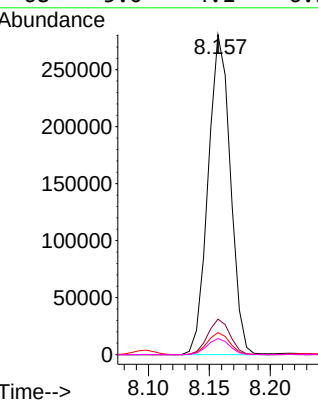
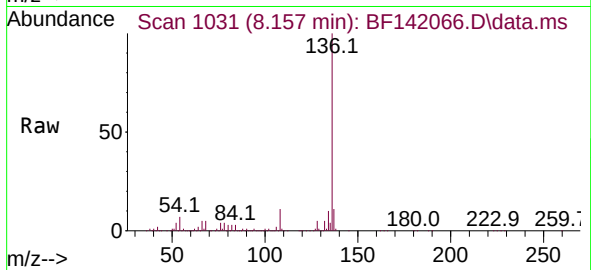
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.9 5.8 8.8

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 52.511 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Tgt Ion:105 Resp: 449372

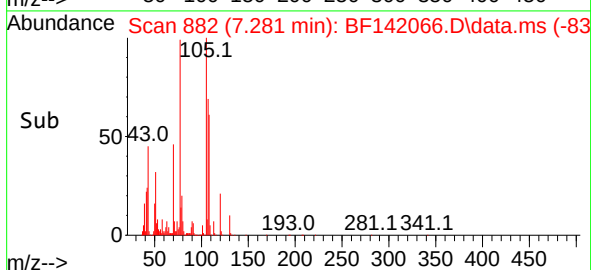
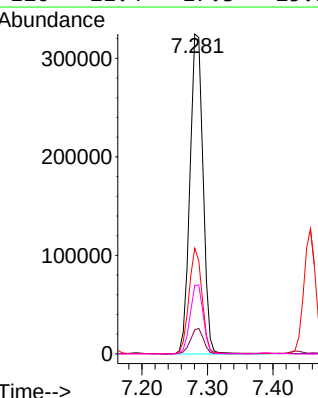
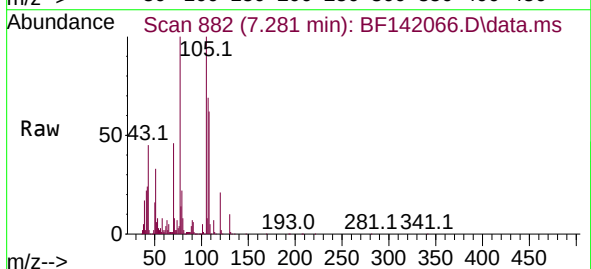
Ion Ratio Lower Upper

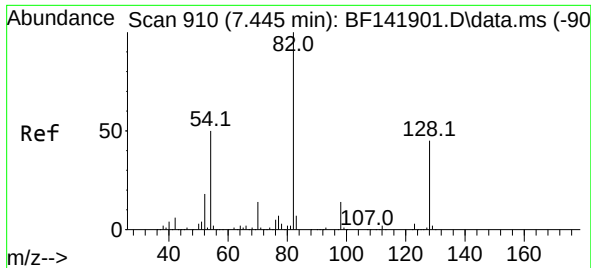
105 100

71 7.5 5.8 8.8

51 33.0 23.4 35.0

120 21.4 17.3 25.9

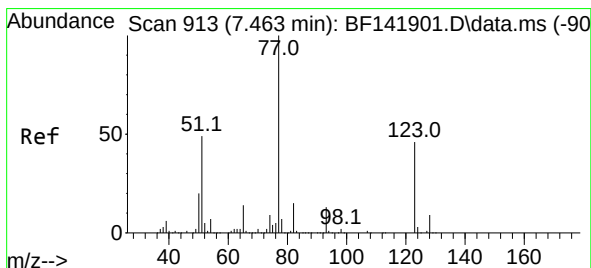
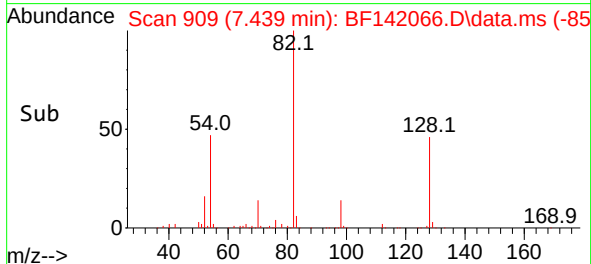
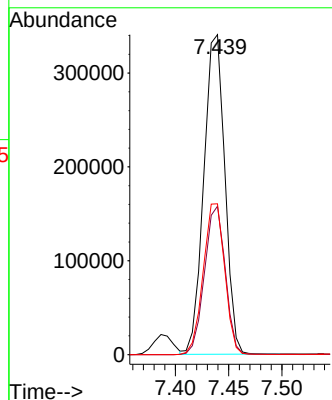
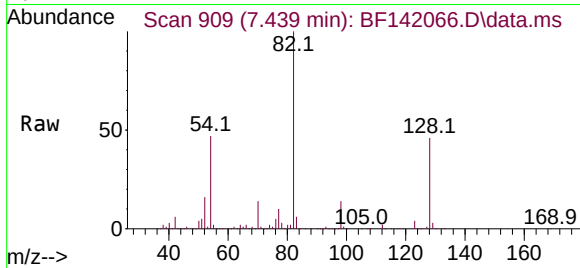




#23
 Nitrobenzene-d5
 Concen: 73.801 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

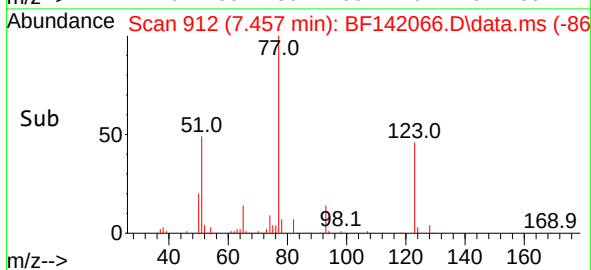
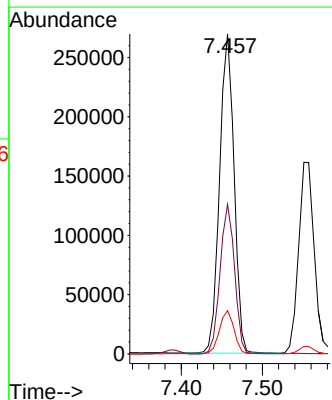
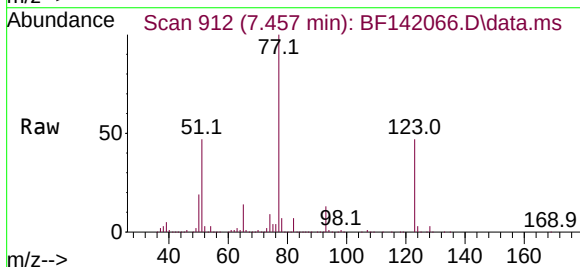
Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1MSD

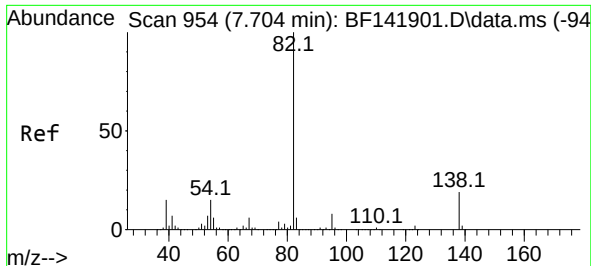
Tgt Ion: 82 Resp: 468631
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.0 54.0
 54 47.1 39.6 59.4



#24
 Nitrobenzene
 Concen: 52.721 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

Tgt Ion: 77 Resp: 332806
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.0 55.4
 65 13.5 11.3 16.9

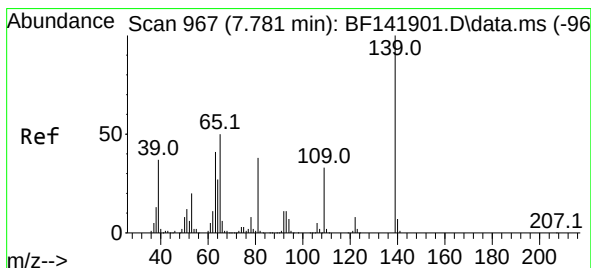
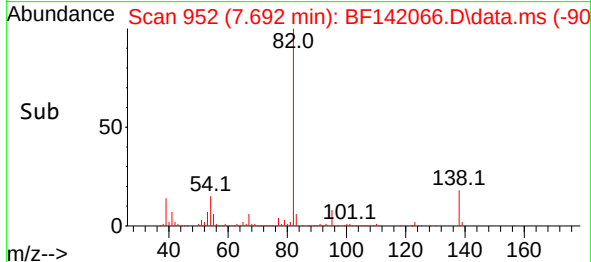
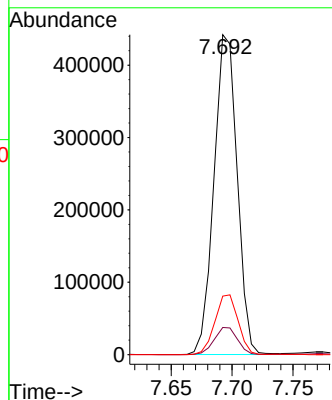
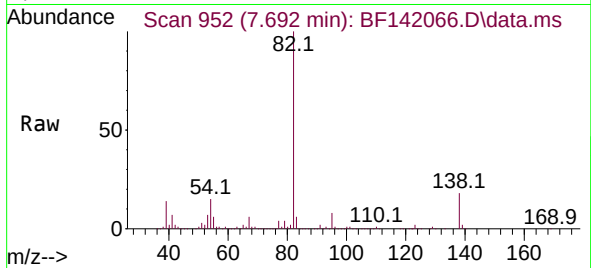




#25
Isophorone
Concen: 52.290 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

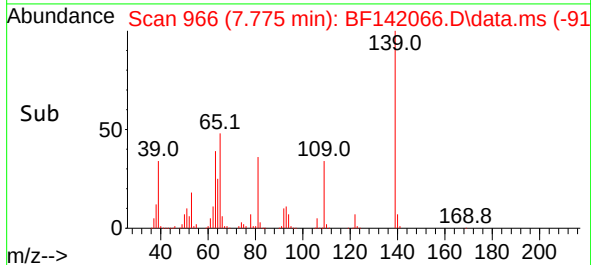
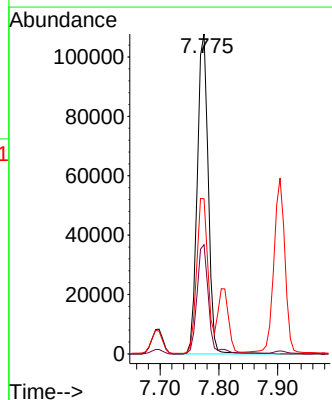
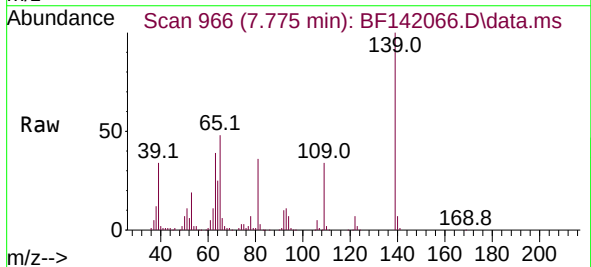
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

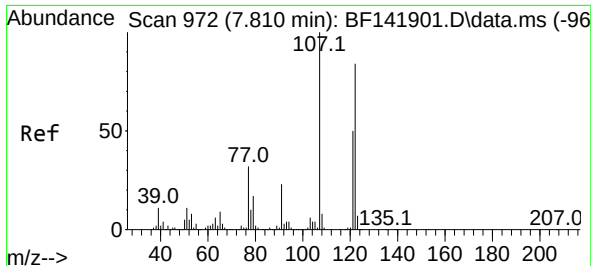
Tgt Ion: 82 Resp: 586929
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 44.994 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:139 Resp: 139401
Ion Ratio Lower Upper
139 100
109 34.1 26.5 39.7
65 48.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 67.723 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142066.D

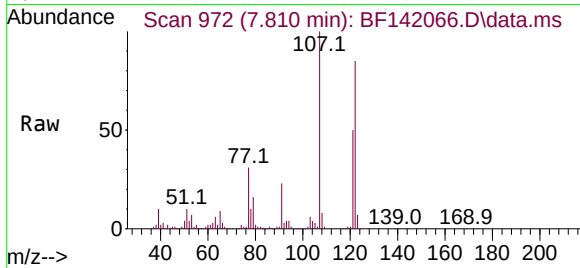
Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD



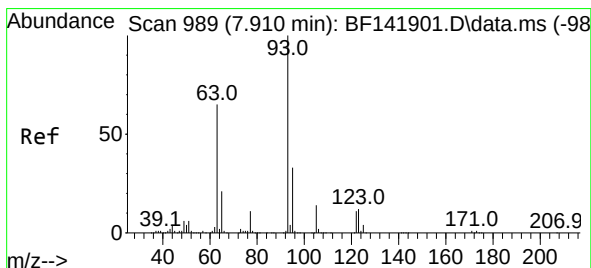
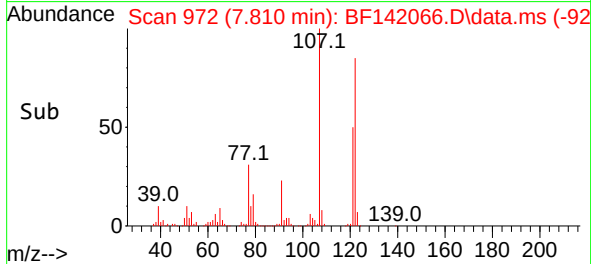
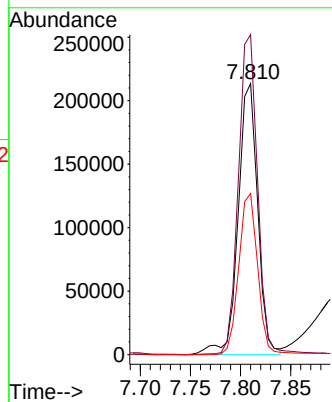
Tgt Ion:122 Resp: 288918

Ion Ratio Lower Upper

122 100

107 118.0 94.8 142.2

121 59.4 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 52.042 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

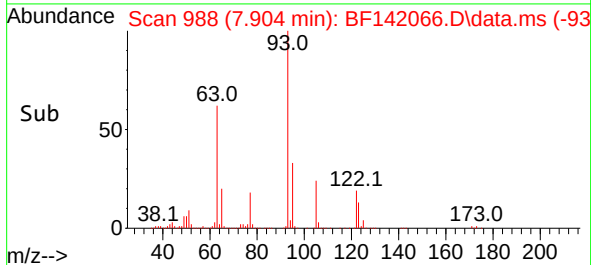
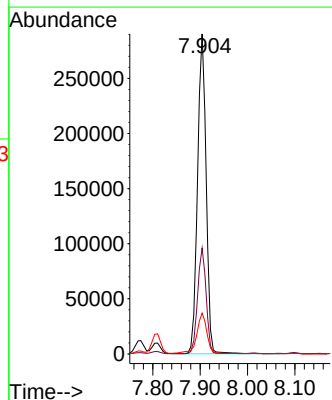
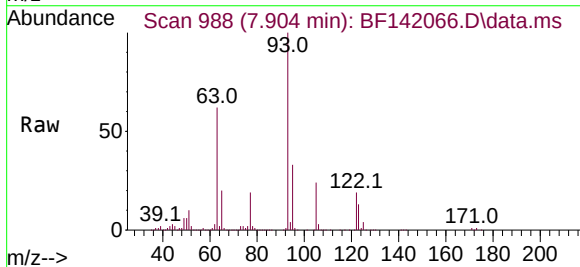
Tgt Ion: 93 Resp: 366384

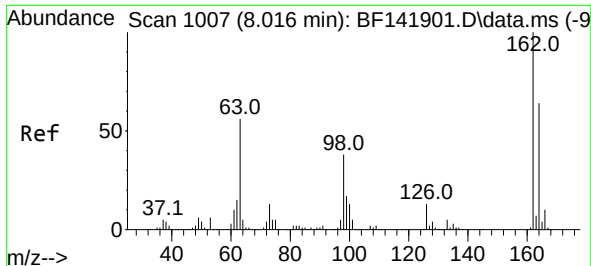
Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.418 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

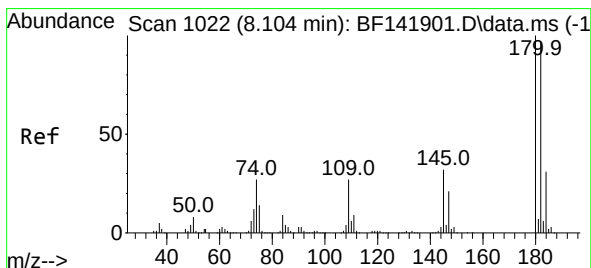
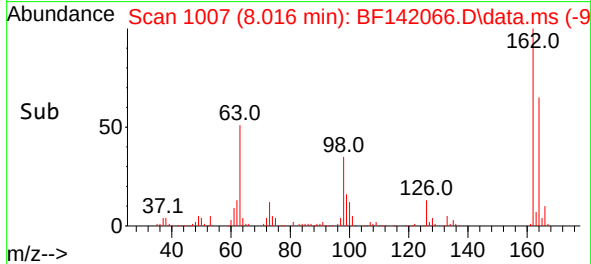
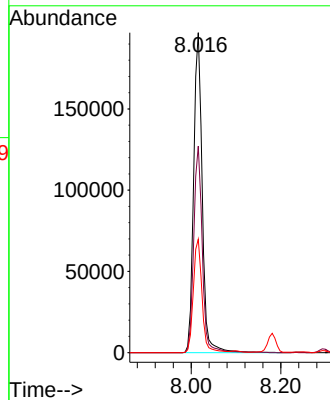
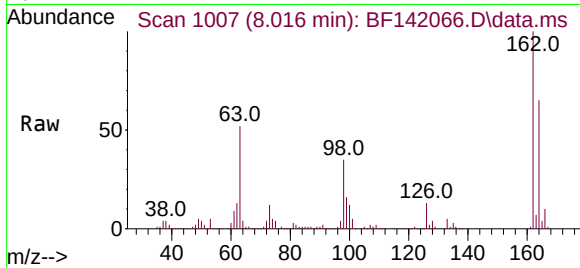
Tgt Ion:162 Resp: 261680

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 35.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 53.038 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

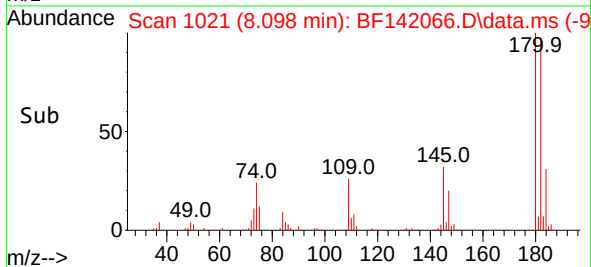
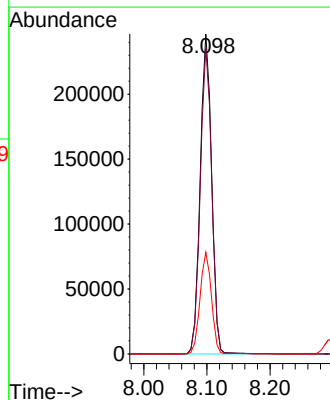
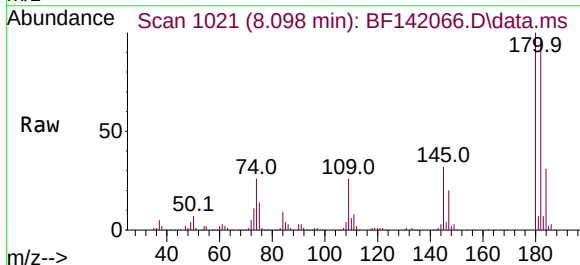
Tgt Ion:180 Resp: 309505

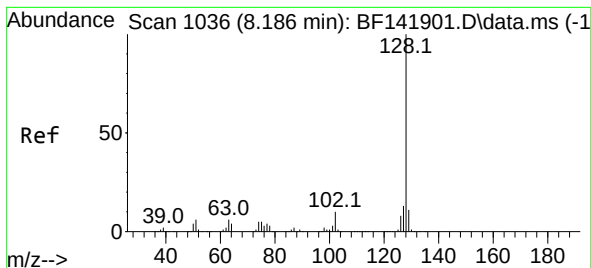
Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

145 31.8 25.8 38.6





#31

Naphthalene

Concen: 51.866 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

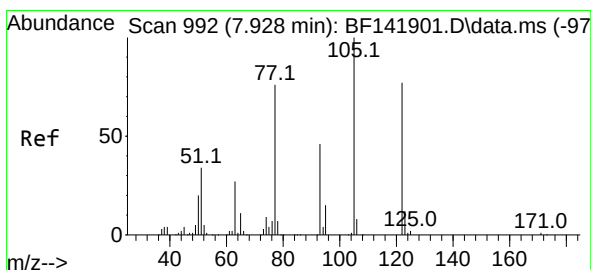
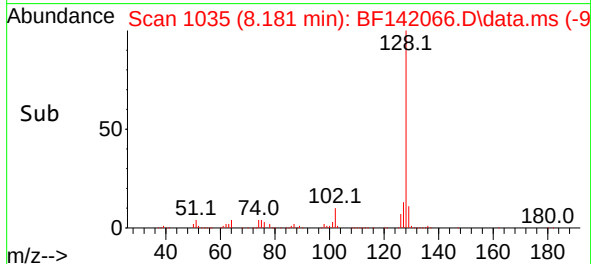
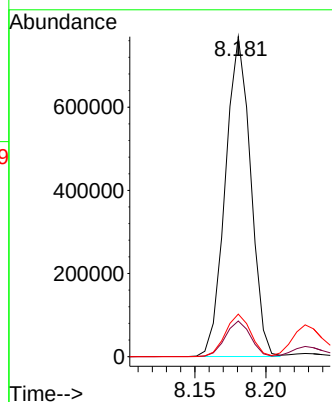
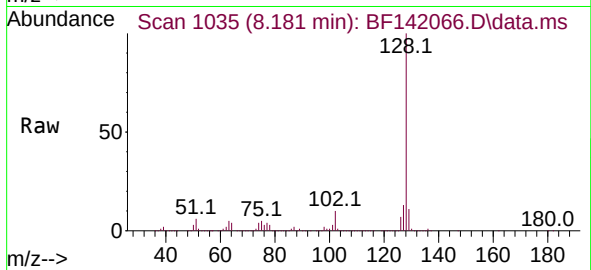
Tgt Ion:128 Resp: 952077

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 48.314 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.018 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

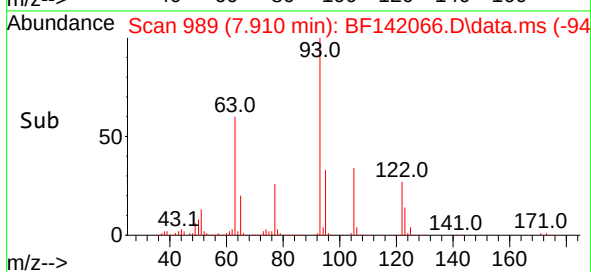
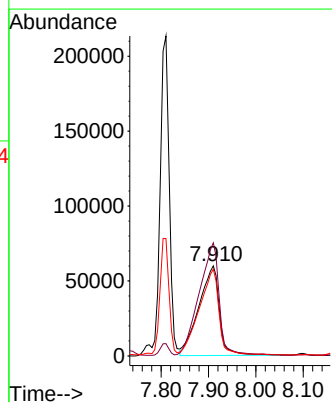
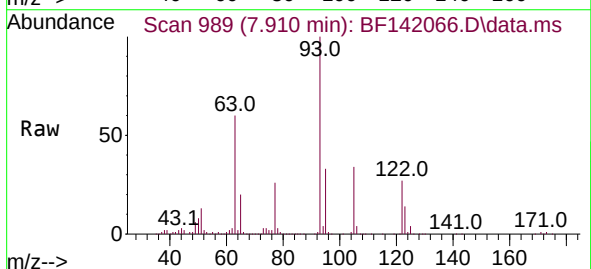
Tgt Ion:122 Resp: 181182

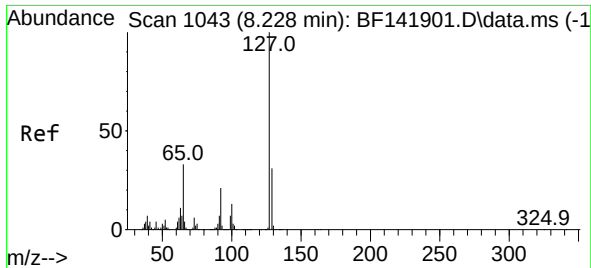
Ion Ratio Lower Upper

122 100

105 125.7 107.9 147.9

77 96.3 79.0 119.0

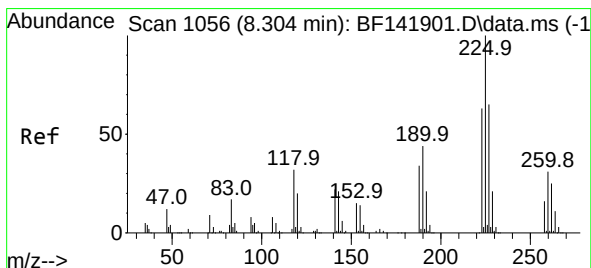
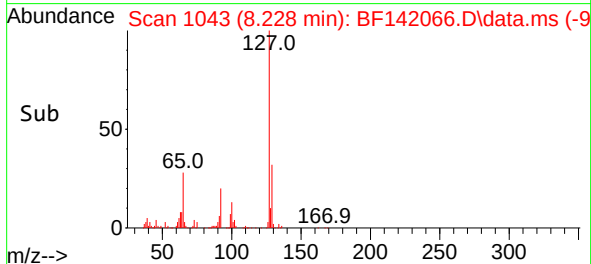
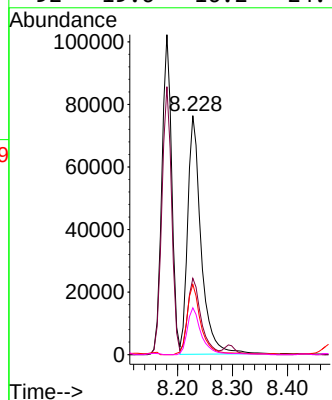
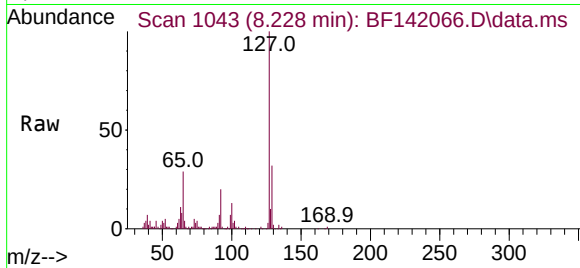




#33
4-Chloroaniline
Concen: 19.918 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

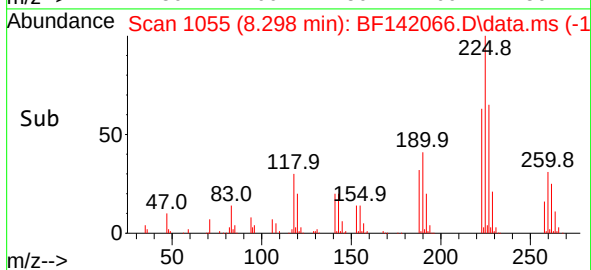
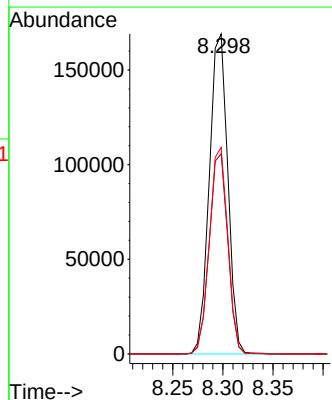
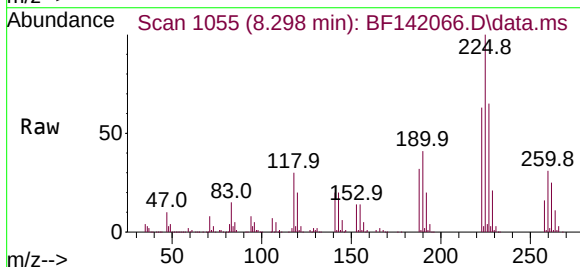
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

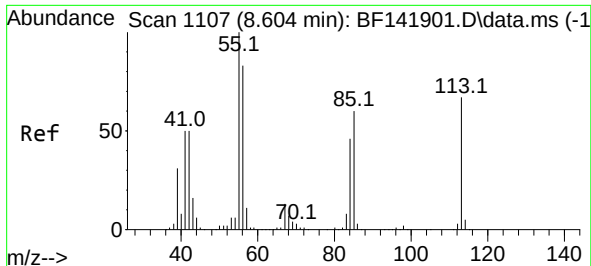
Tgt Ion:	127	Resp:	129074
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	29.4	25.4	38.2
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 56.736 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:	225	Resp:	215919
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	64.5	52.2	78.2

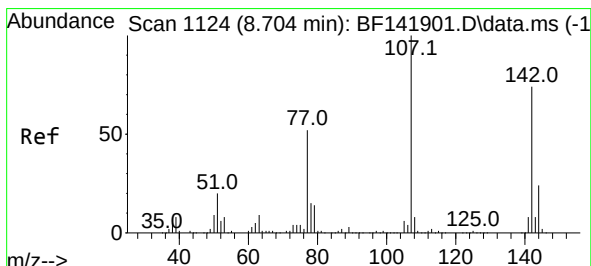
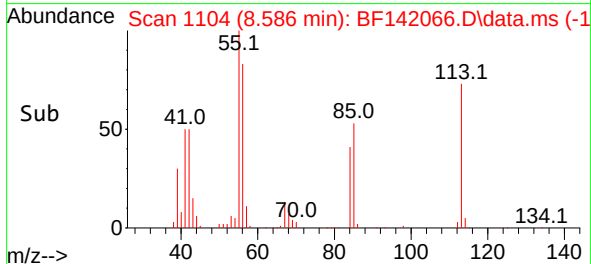
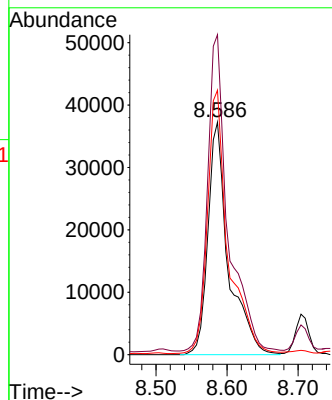
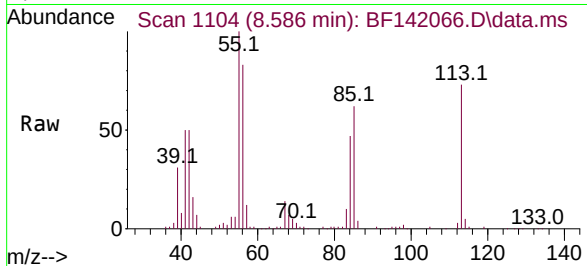




#35
 Caprolactam
 Concen: 46.017 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.018 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

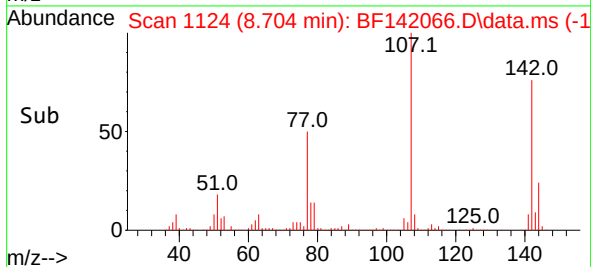
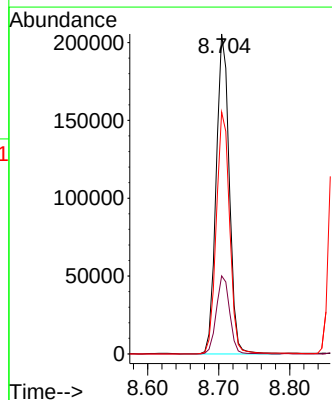
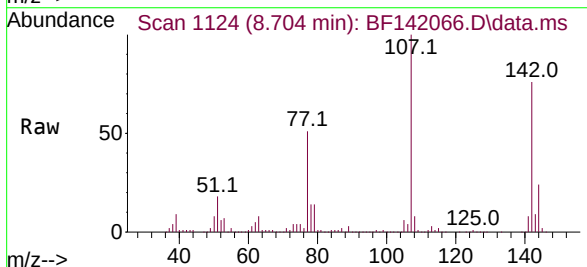
Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1MSD

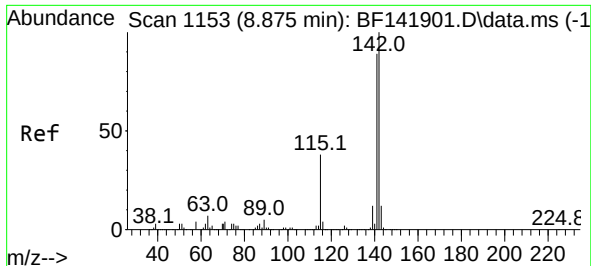
Tgt Ion:113 Resp: 74290
 Ion Ratio Lower Upper
 113 100
 55 137.7 129.6 169.6
 56 113.7 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.758 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

Tgt Ion:107 Resp: 264380
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.6
 142 75.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.530 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

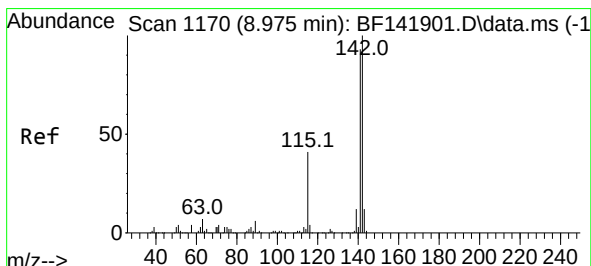
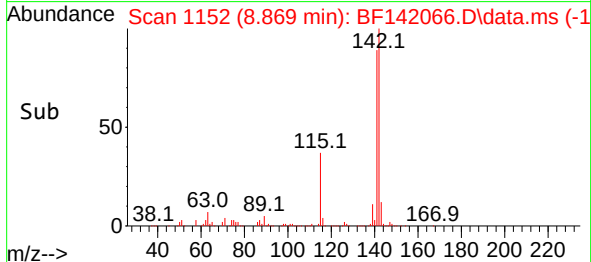
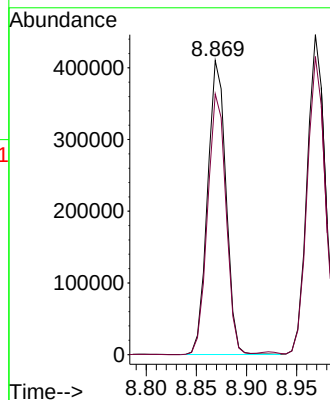
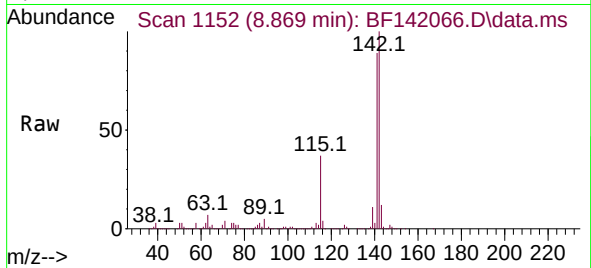
CO-32-1MSD

Tgt Ion:142 Resp: 521830

Ion Ratio Lower Upper

142 100

141 88.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 46.449 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142066.D

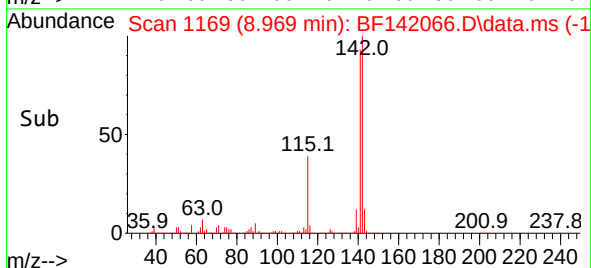
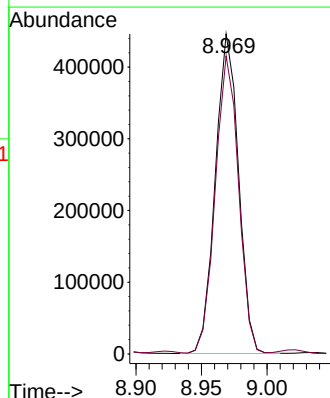
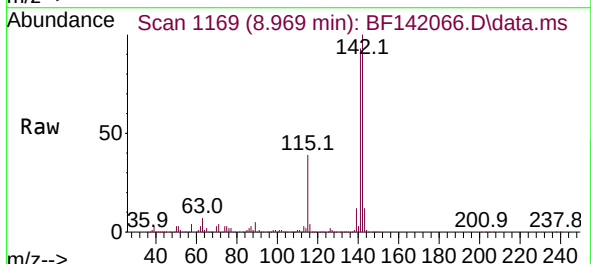
Acq: 24 Mar 2025 20:51

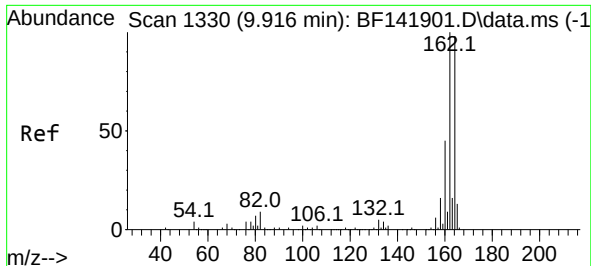
Tgt Ion:142 Resp: 549960

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4

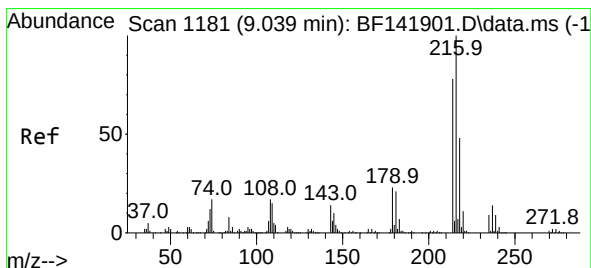
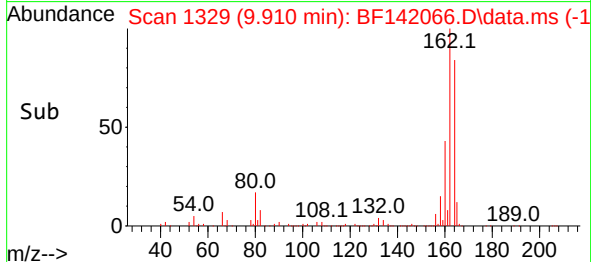
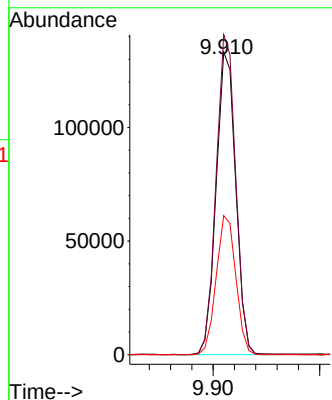
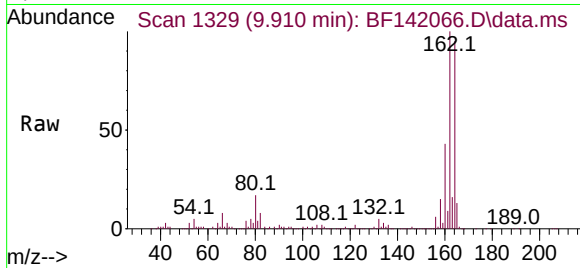




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

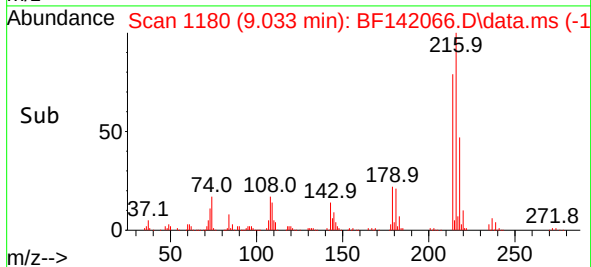
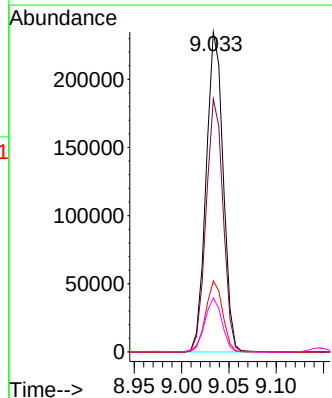
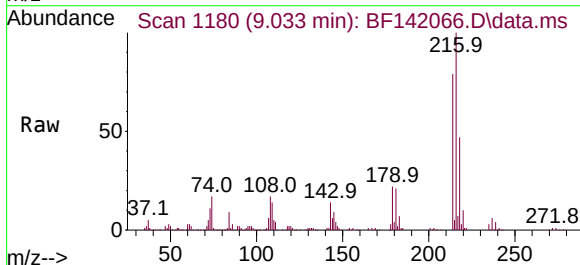
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

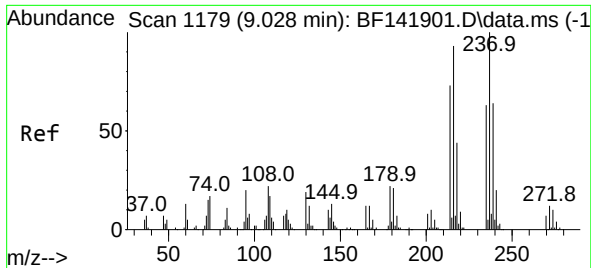
Tgt Ion:164 Resp: 170553
Ion Ratio Lower Upper
164 100
162 105.7 81.8 122.6
160 45.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.511 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:216 Resp: 293444
Ion Ratio Lower Upper
216 100
214 79.1 61.9 92.9
179 22.0 18.1 27.1
108 17.2 14.7 22.1

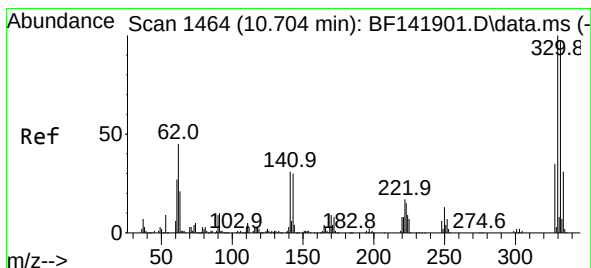
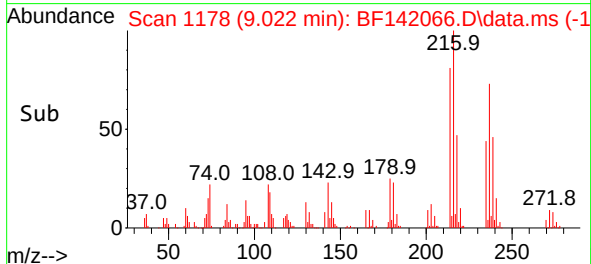
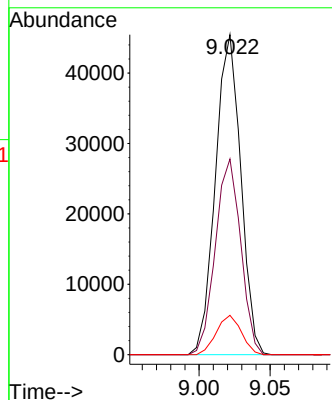
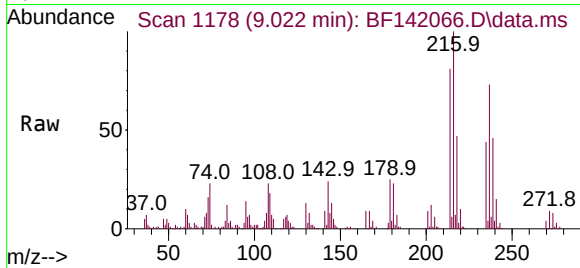




#41
Hexachlorocyclopentadiene
Concen: 27.815 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

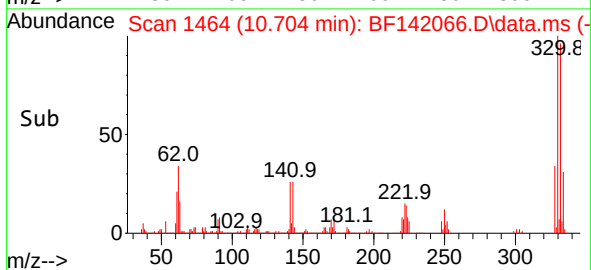
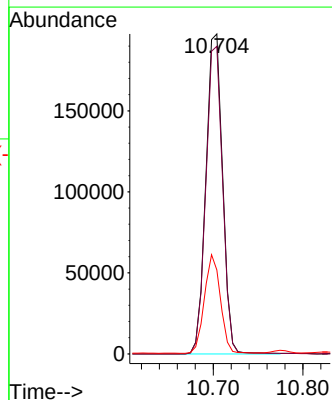
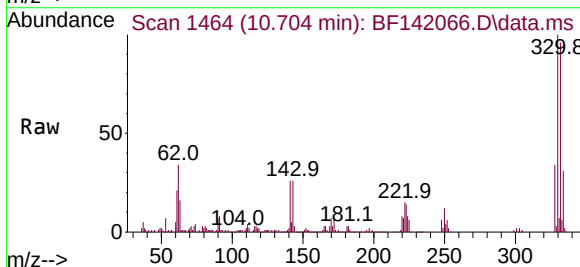
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

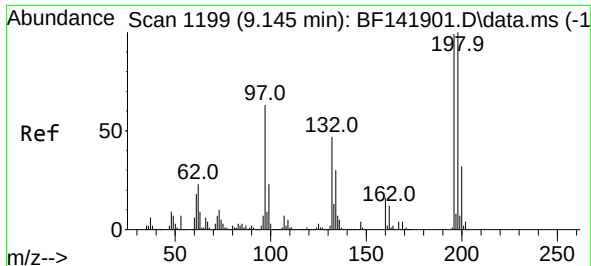
Tgt Ion:237 Resp: 56525
Ion Ratio Lower Upper
237 100
235 61.1 43.1 83.1
272 12.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 117.814 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:330 Resp: 254913
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 29.5 24.7 37.1

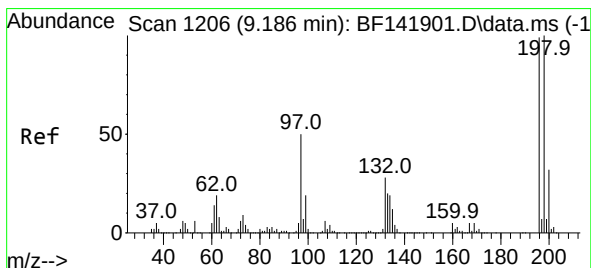
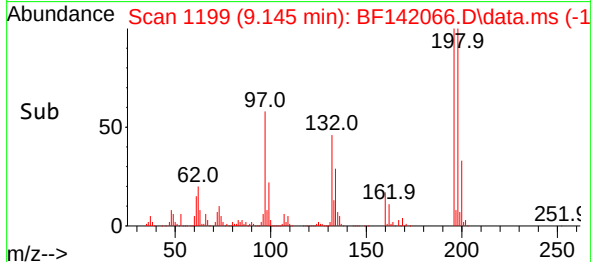
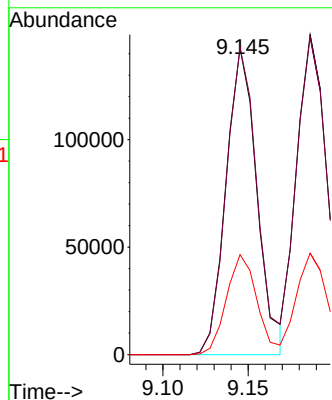
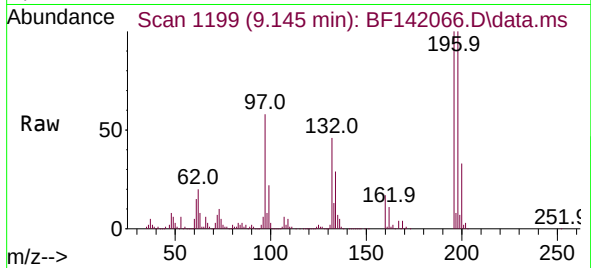




#43
2,4,6-Trichlorophenol
Concen: 52.898 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

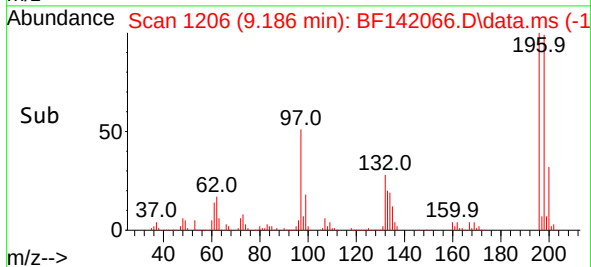
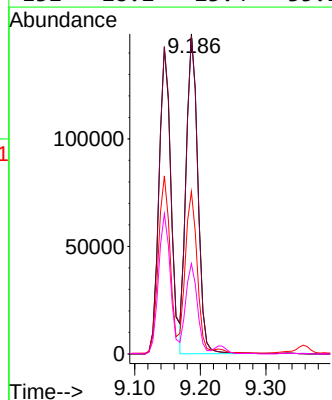
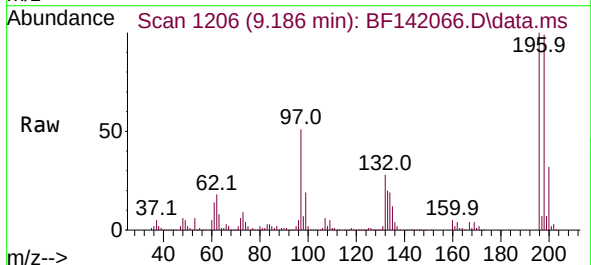
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

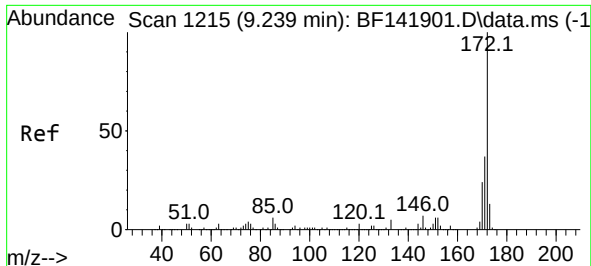
Tgt Ion:196 Resp: 179513
Ion Ratio Lower Upper
196 100
198 100.3 80.6 121.0
200 32.6 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 54.156 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:196 Resp: 186137
Ion Ratio Lower Upper
196 100
198 99.2 80.7 121.1
97 50.7 42.1 63.1
132 28.2 23.4 35.2

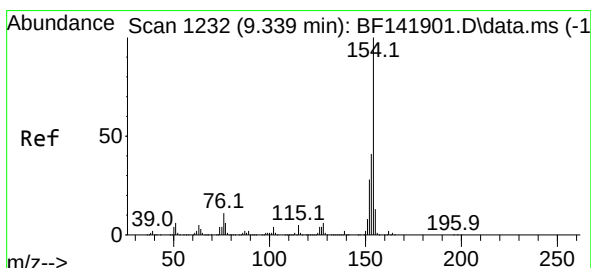
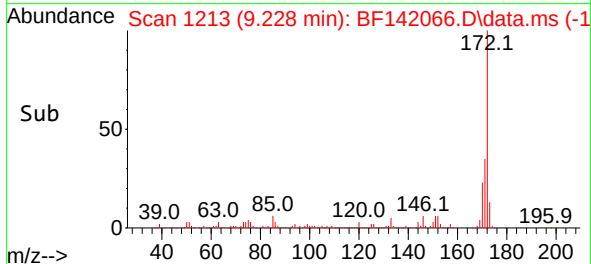
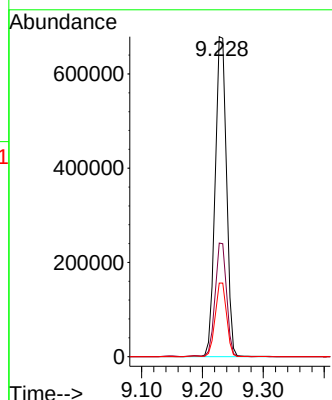
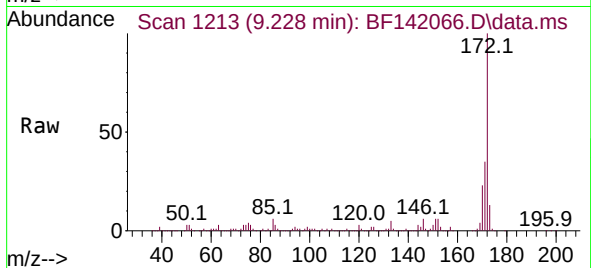




#45
2-Fluorobiphenyl
Concen: 78.716 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

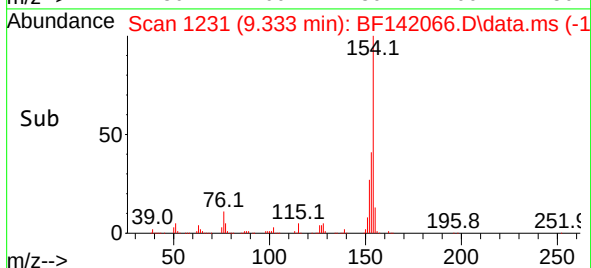
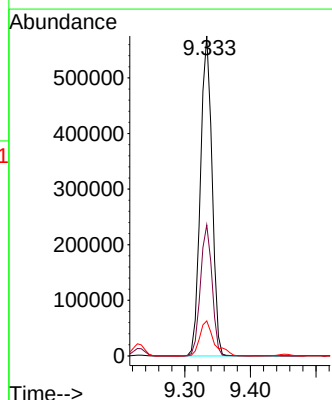
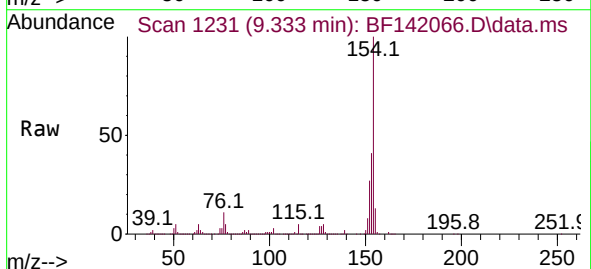
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

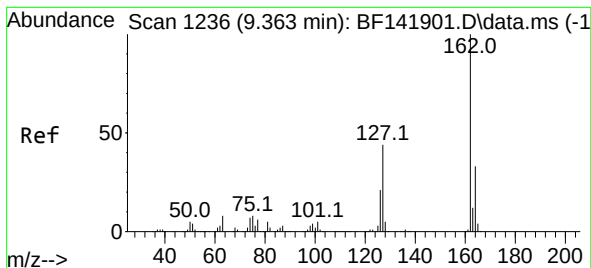
Tgt Ion:172 Resp: 882773
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 54.200 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:154 Resp: 702366
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 10.9 0.0 31.3





#47

2-Chloronaphthalene

Concen: 54.050 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

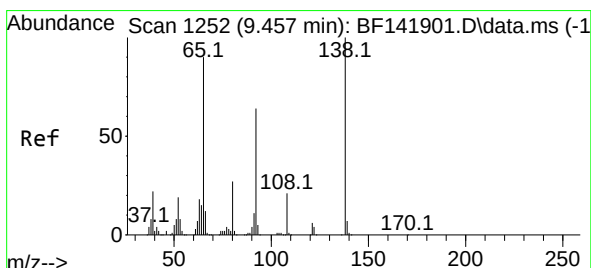
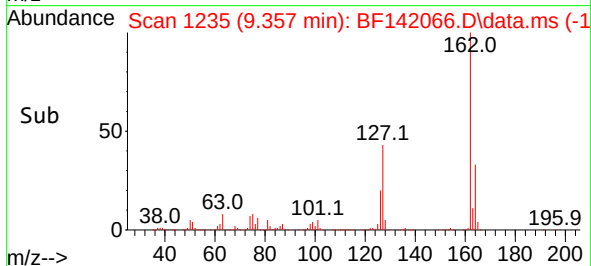
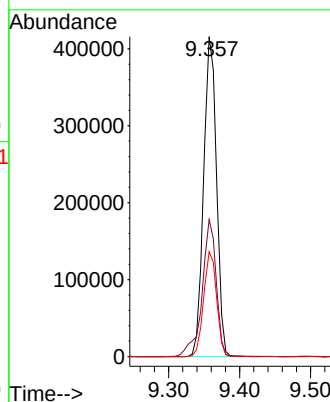
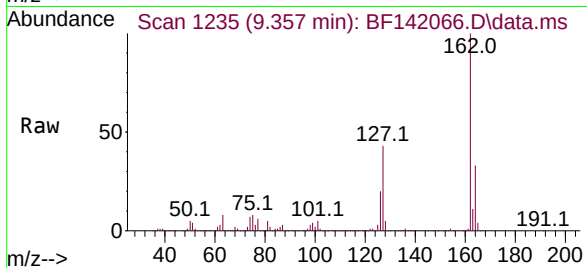
Tgt Ion:162 Resp: 522066

Ion Ratio Lower Upper

162 100

127 42.9 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 57.860 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

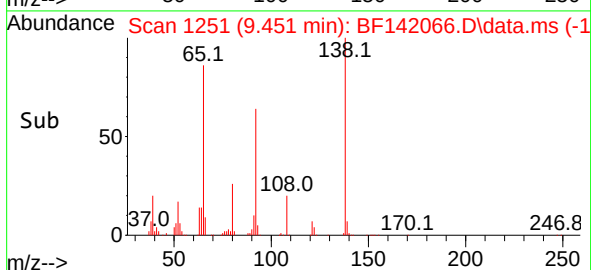
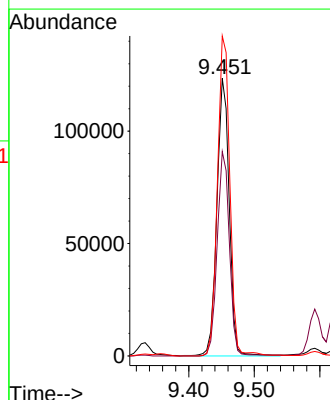
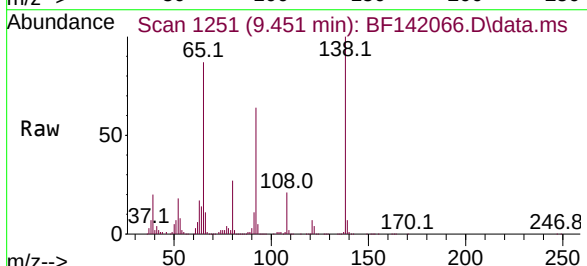
Tgt Ion: 65 Resp: 161814

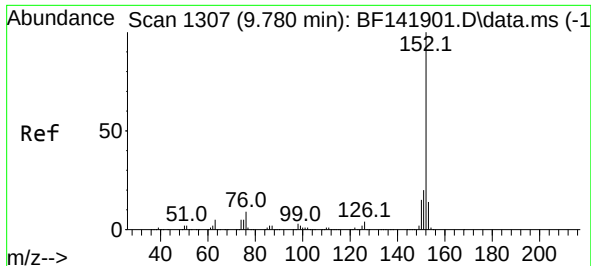
Ion Ratio Lower Upper

65 100

92 73.6 56.6 84.8

138 115.3 88.6 133.0





#49

Acenaphthylene

Concen: 60.080 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

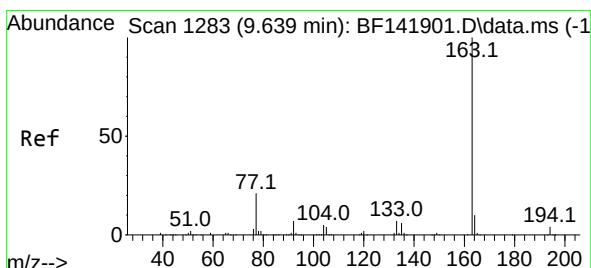
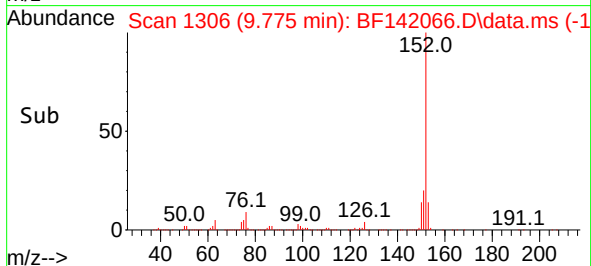
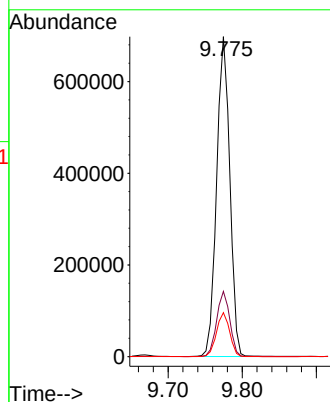
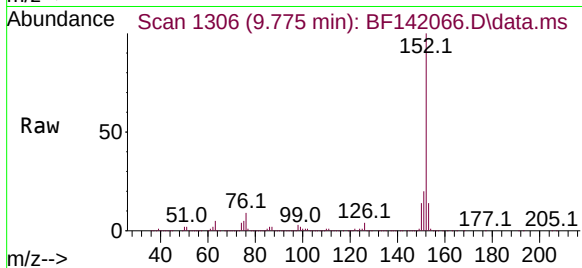
Tgt Ion:152 Resp: 861150

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 52.497 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

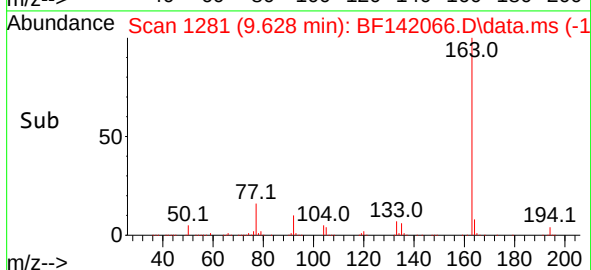
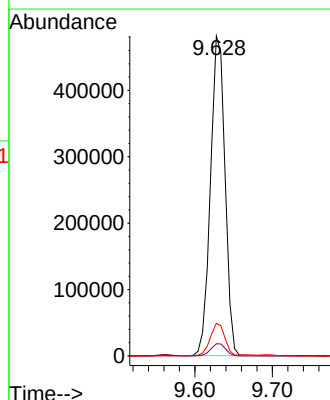
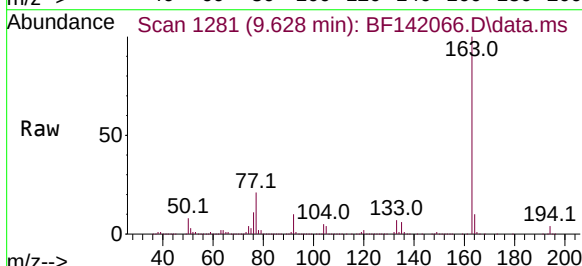
Tgt Ion:163 Resp: 626990

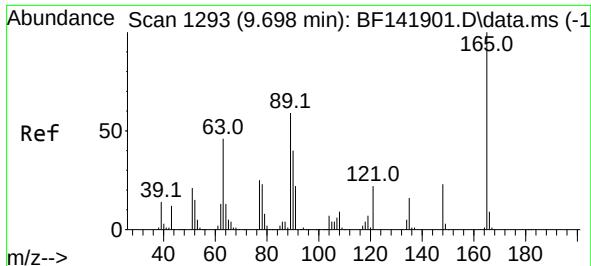
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.153 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

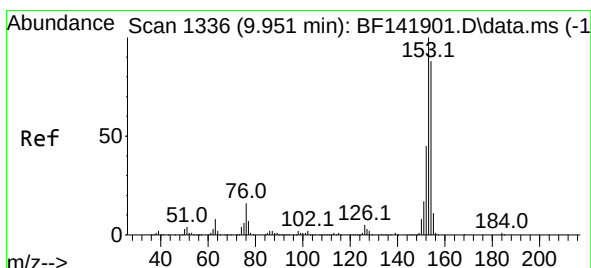
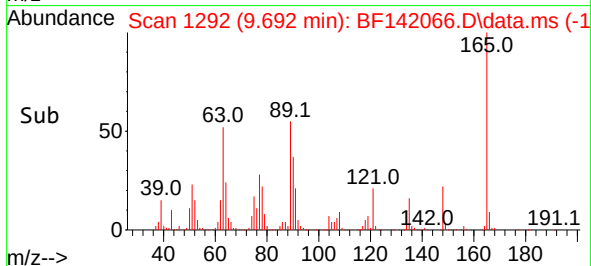
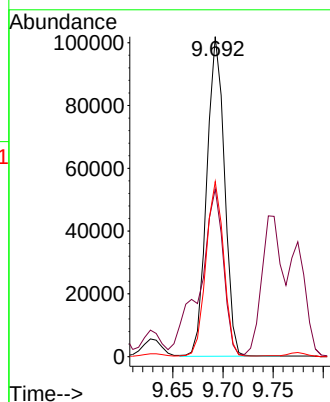
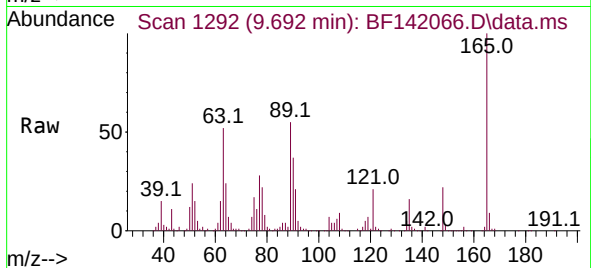
Tgt Ion:165 Resp: 124716

Ion Ratio Lower Upper

165 100

63 52.4 47.0 70.4

89 54.7 47.4 71.2



#52

Acenaphthene

Concen: 48.976 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

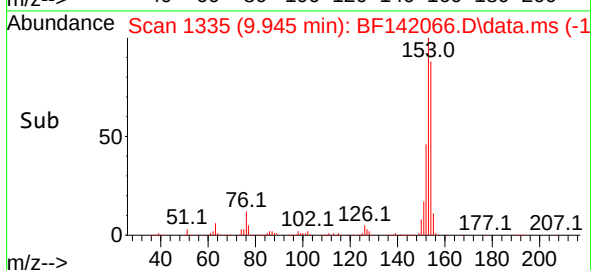
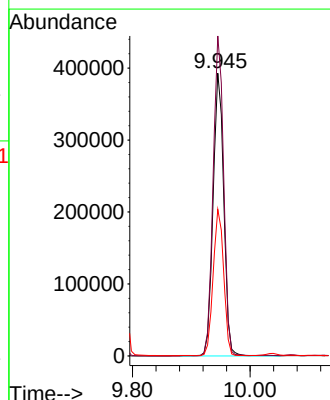
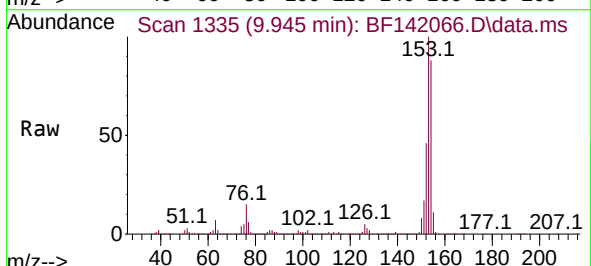
Tgt Ion:154 Resp: 493333

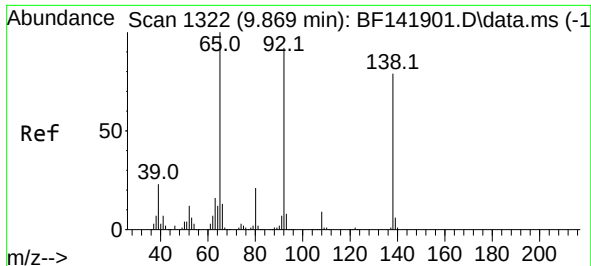
Ion Ratio Lower Upper

154 100

153 113.2 90.7 136.1

152 51.8 41.1 61.7

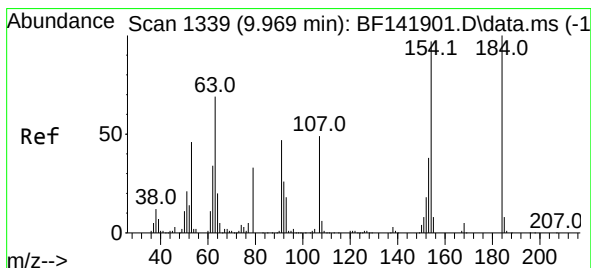
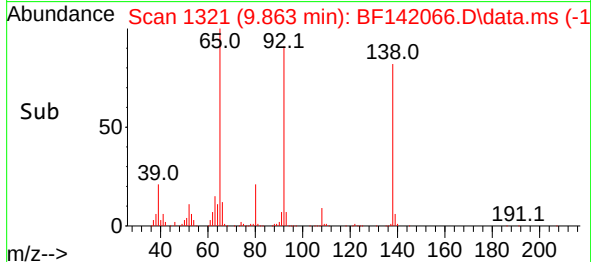
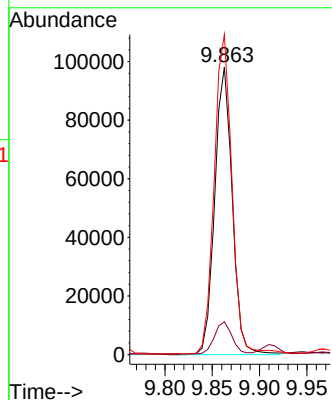
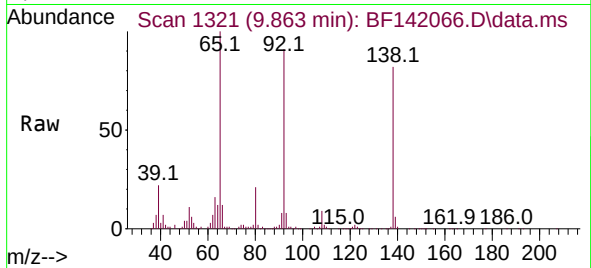




#53
3-Nitroaniline
Concen: 50.185 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

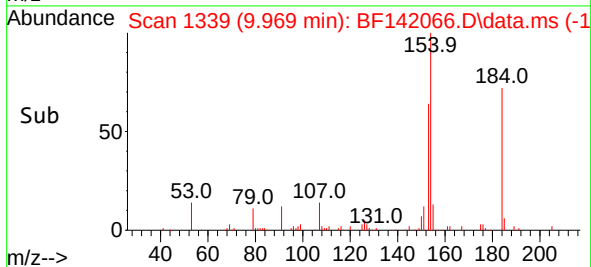
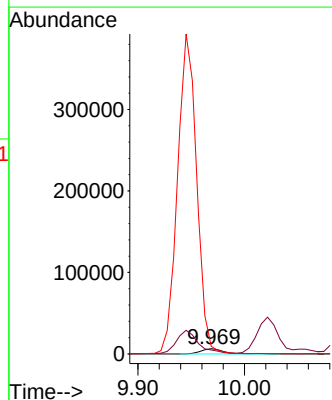
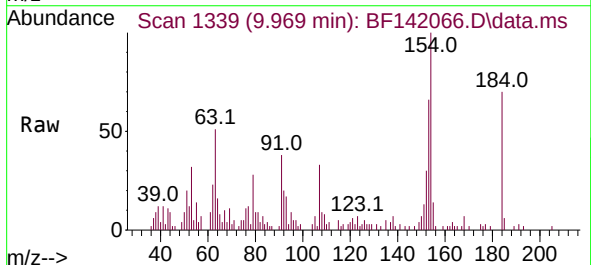
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

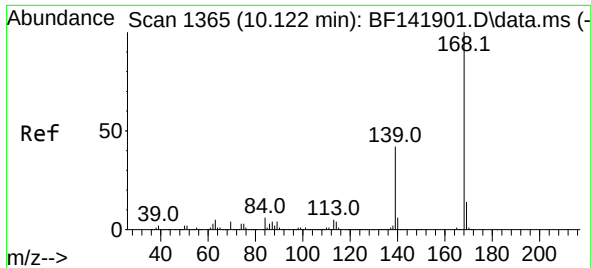
Tgt Ion:138 Resp: 126590
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 111.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 12.455 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:184 Resp: 9054
Ion Ratio Lower Upper
184 100
63 72.8 60.2 90.4
154 143.8 132.9 199.3

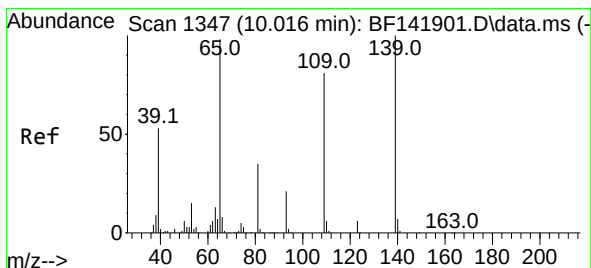
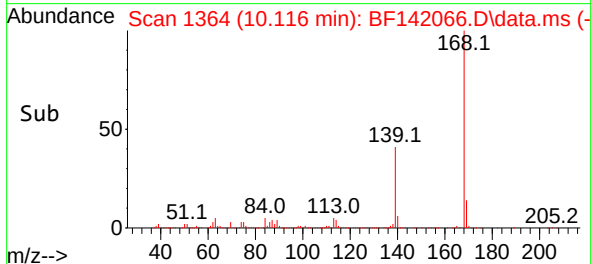
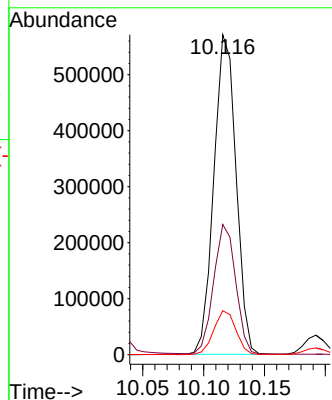
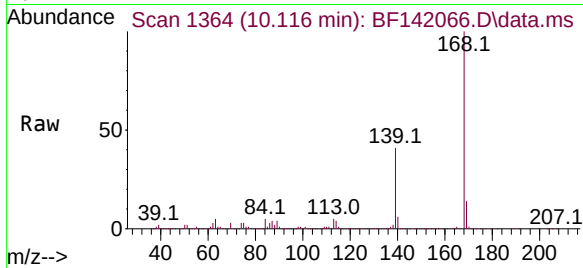




#55
Dibenzenofuran
Concen: 50.149 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

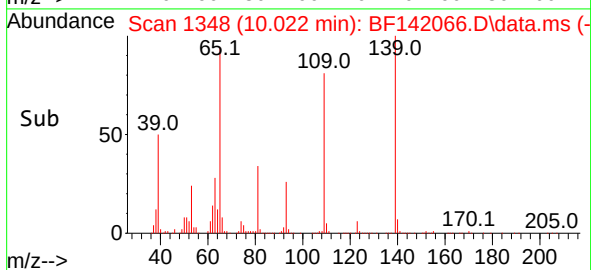
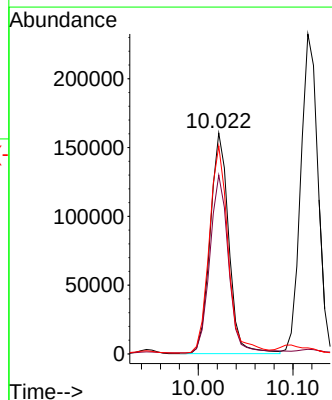
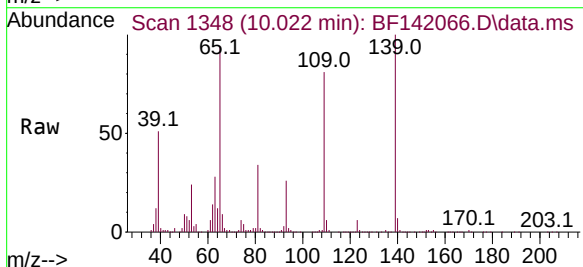
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

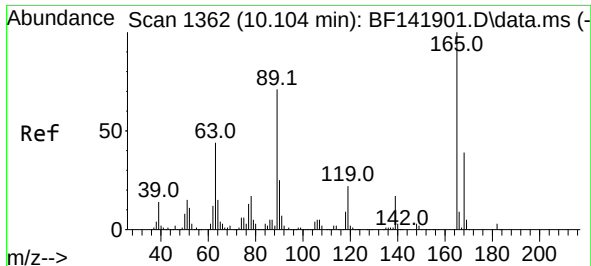
Tgt Ion:168 Resp: 721793
Ion Ratio Lower Upper
168 100
139 40.7 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 115.590 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:139 Resp: 219882
Ion Ratio Lower Upper
139 100
109 80.9 61.6 101.6
65 94.1 79.4 119.4

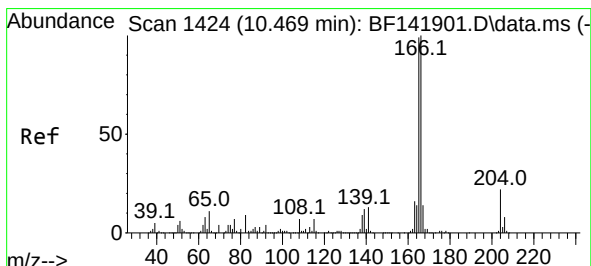
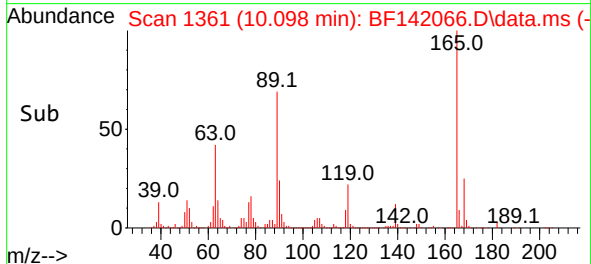
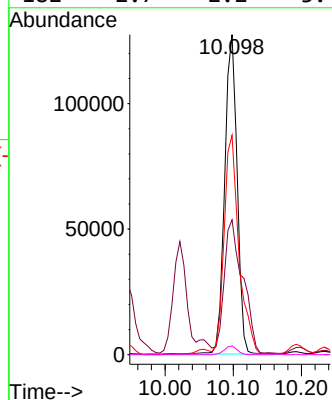
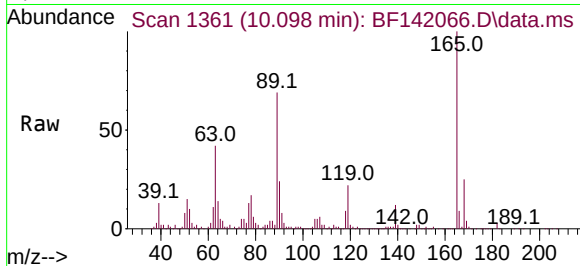




#57
2,4-Dinitrotoluene
Concen: 49.260 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

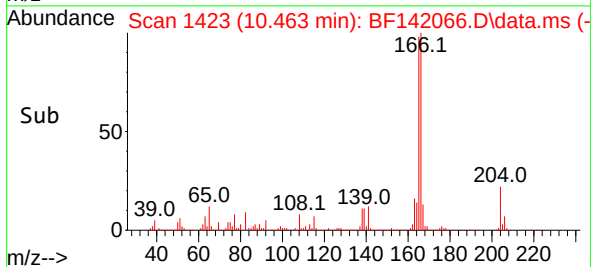
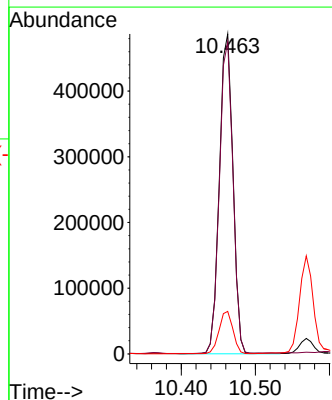
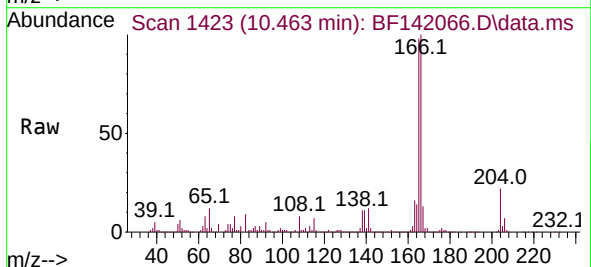
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

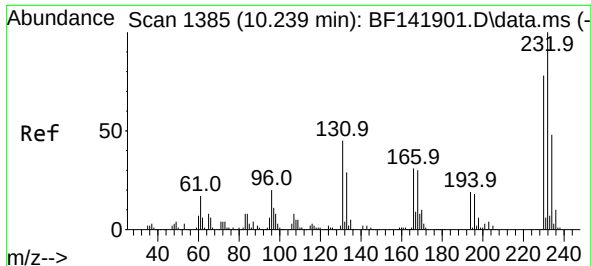
Tgt Ion:165 Resp: 159992
Ion Ratio Lower Upper
165 100
63 42.1 35.4 53.2
89 68.5 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 55.760 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

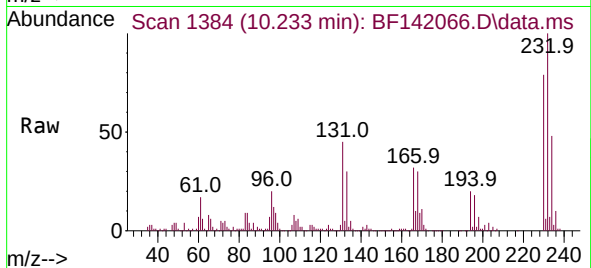
Tgt Ion:166 Resp: 618898
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.3 11.0 16.4



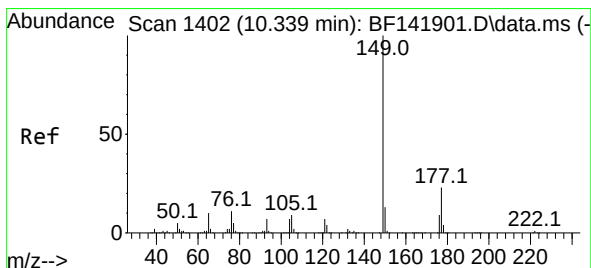
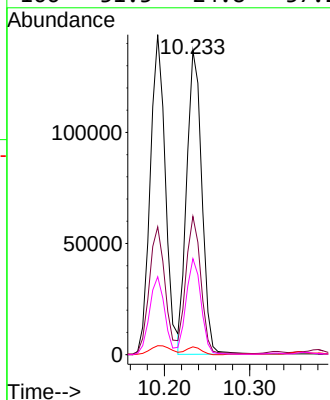
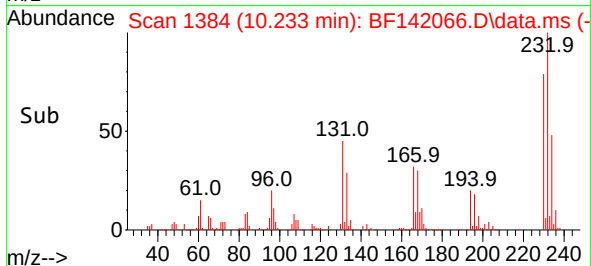


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.915 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

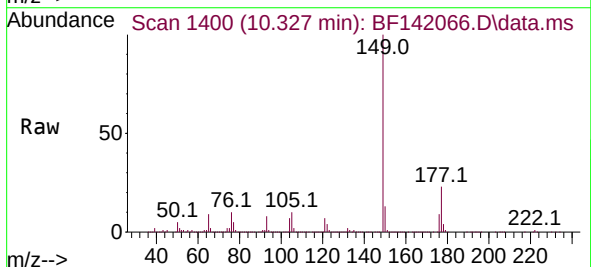
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD



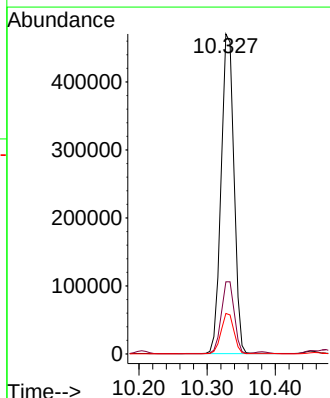
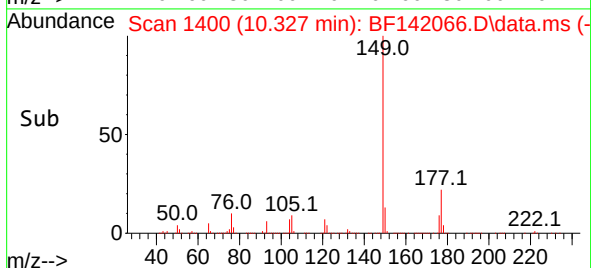
Tgt Ion:232 Resp: 168625
Ion Ratio Lower Upper
232 100
131 44.1 37.3 55.9
130 2.6 1.9 2.9
166 31.3 24.8 37.2

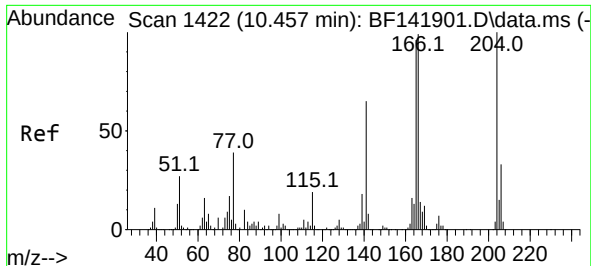


#60
Diethylphthalate
Concen: 51.240 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51



Tgt Ion:149 Resp: 610224
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.6 10.2 15.4

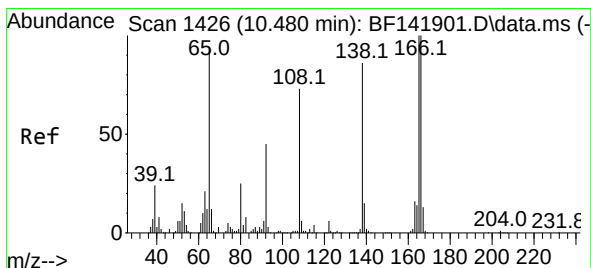
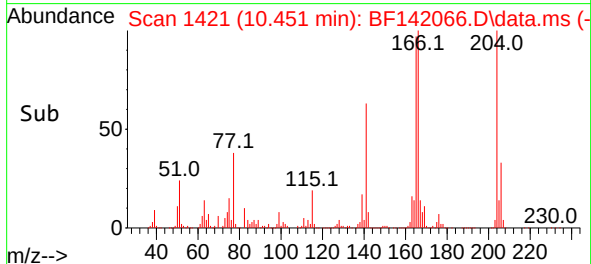
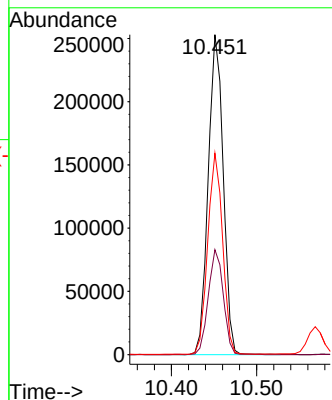
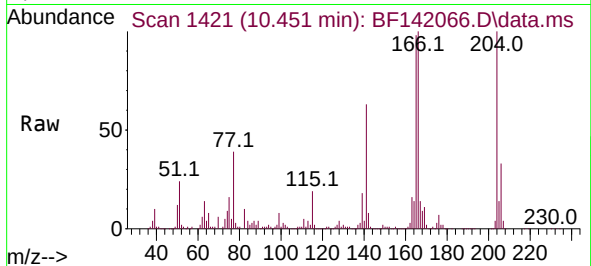




#61
4-Chlorophenyl-phenylether
Concen: 53.486 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

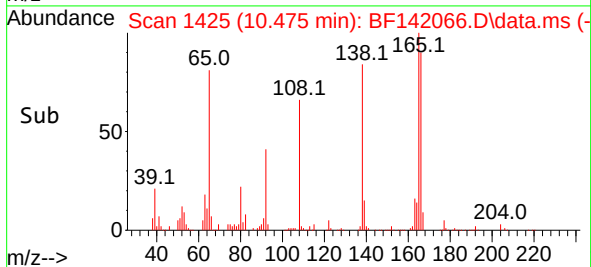
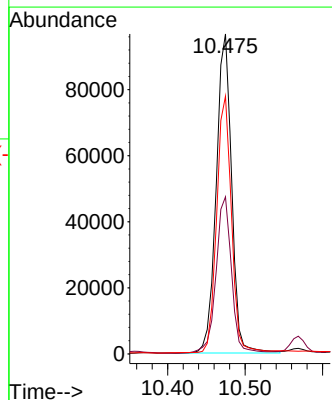
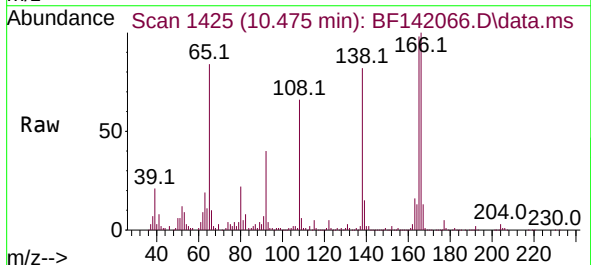
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

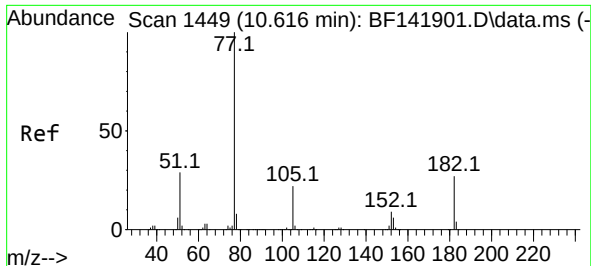
Tgt Ion:204 Resp: 309506
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 62.9 52.4 78.6



#62
4-Nitroaniline
Concen: 54.386 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:138 Resp: 133560
Ion Ratio Lower Upper
138 100
92 49.1 32.6 72.6
108 80.5 65.0 105.0

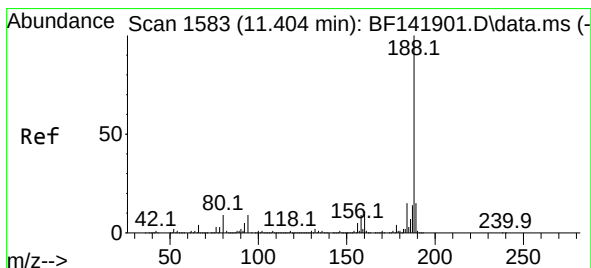
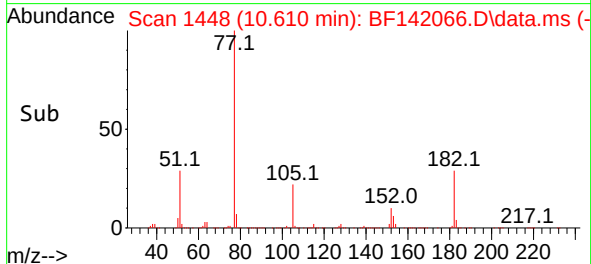
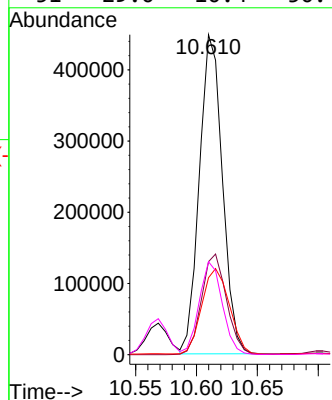
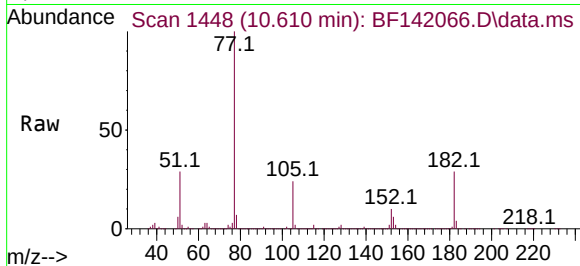




#63
Azobenzene
Concen: 53.231 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

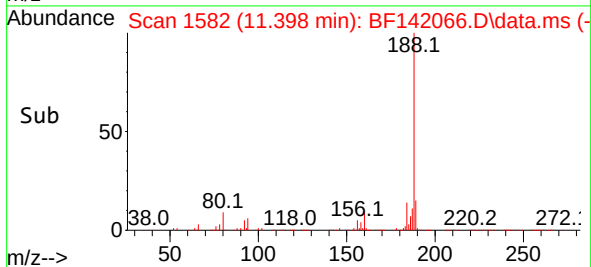
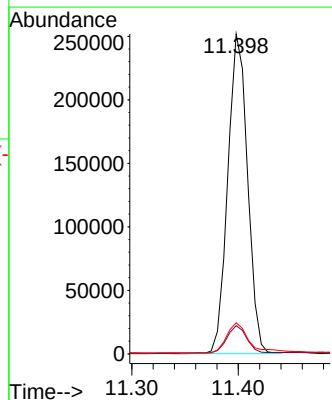
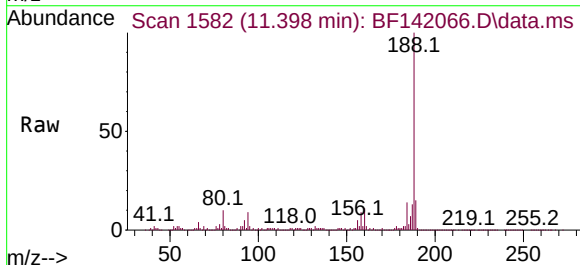
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

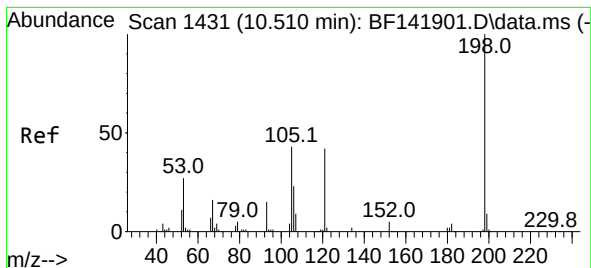
Tgt Ion:	77	Resp:	589377
Ion	Ratio	Lower	Upper
77	100		
182	29.0	6.6	46.6
105	24.0	1.3	41.3
51	29.0	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:	188	Resp:	324399
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.7	7.6	11.4

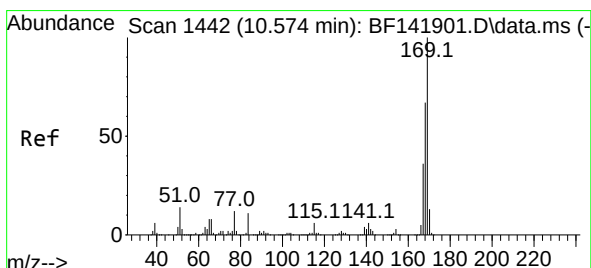
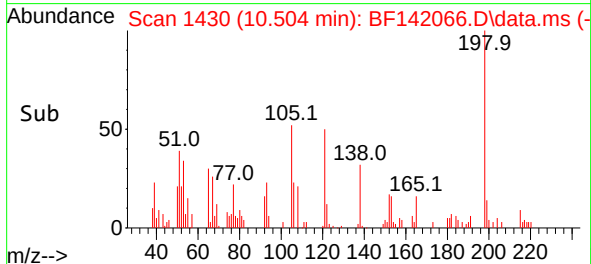
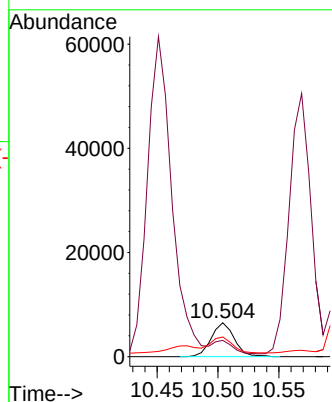
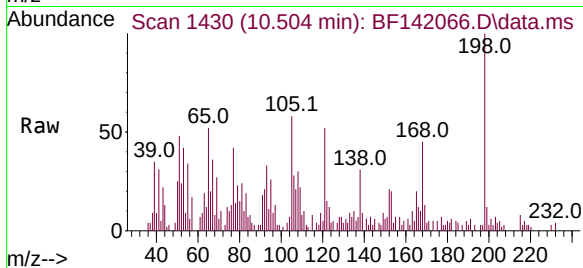




#65
4,6-Dinitro-2-methylphenol
Concen: 4.396 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

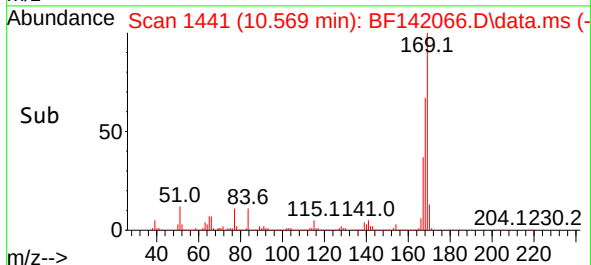
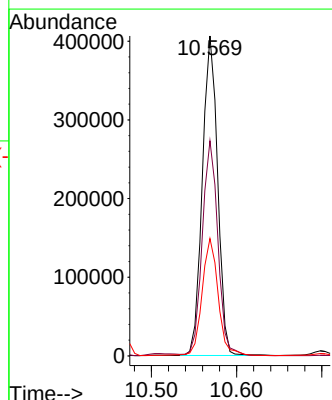
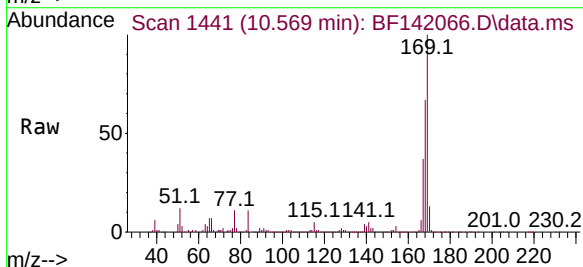
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

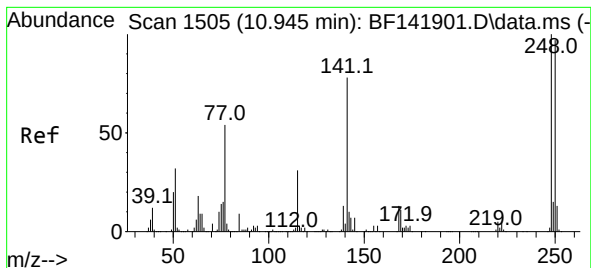
Tgt Ion:198 Resp: 8502
Ion Ratio Lower Upper
198 100
51 48.1 22.3 62.3
105 58.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.120 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:169 Resp: 505146
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.7 29.2 43.8

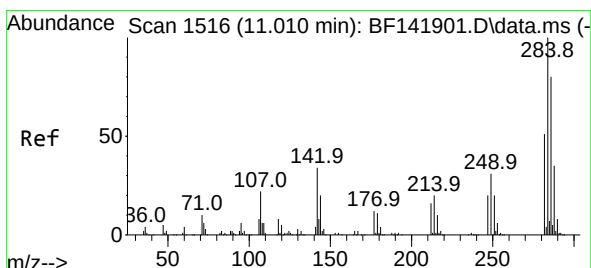
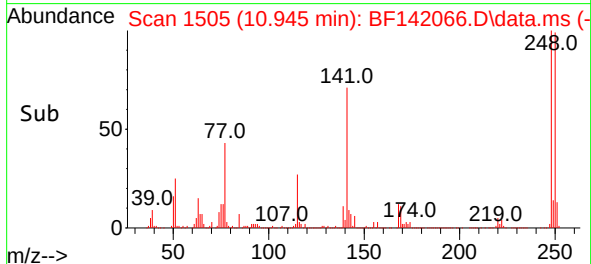
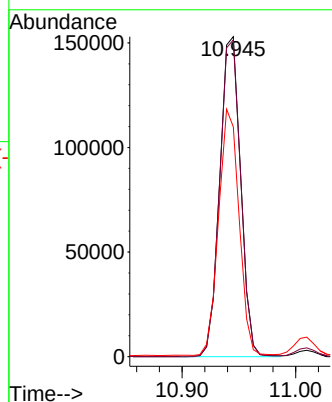
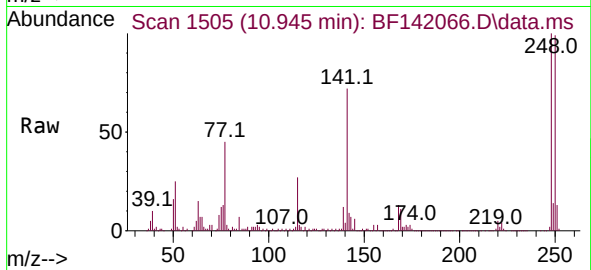




#67
4-Bromophenyl-phenylether
Concen: 47.901 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

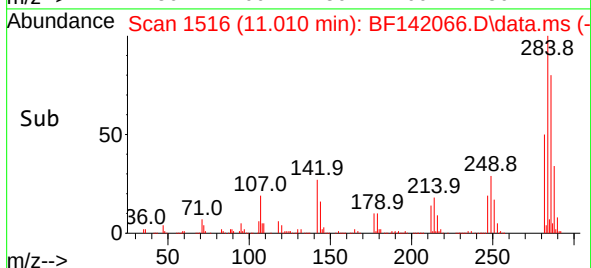
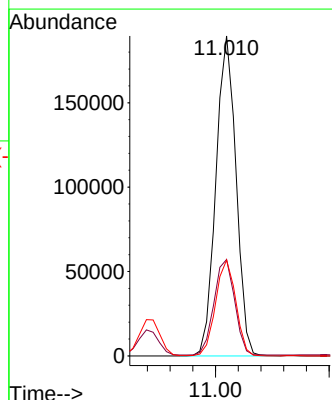
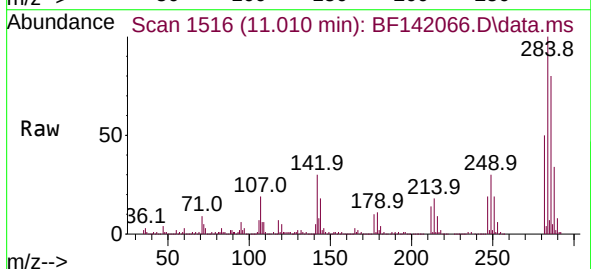
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

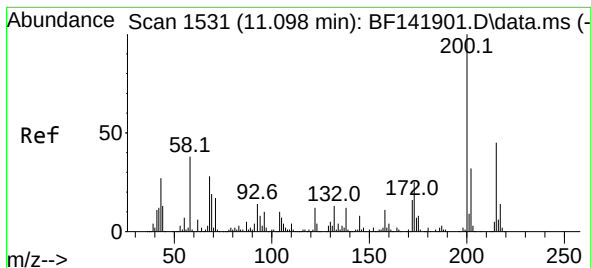
Tgt Ion:248 Resp: 195154
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.8
141 71.8 62.6 93.8



#68
Hexachlorobenzene
Concen: 52.166 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:284 Resp: 233096
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.0 25.2 37.8





#69

Atrazine

Concen: 60.997 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

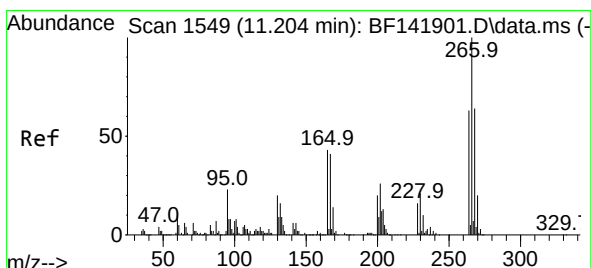
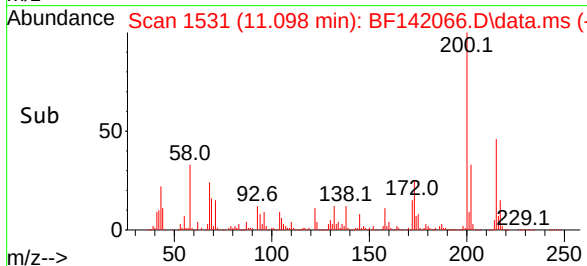
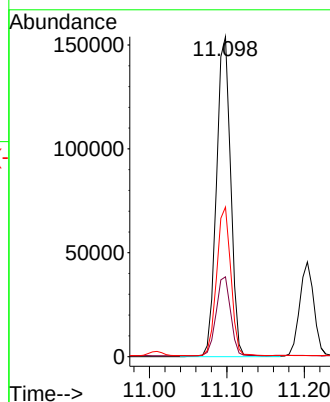
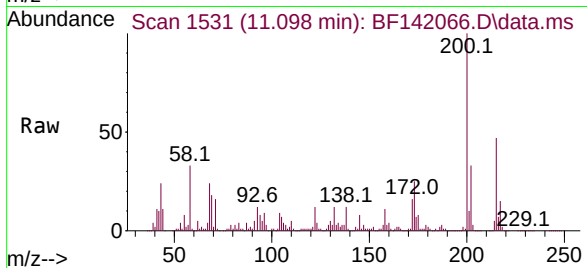
Tgt Ion:200 Resp: 196300

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.7 25.4 65.4



#70

Pentachlorophenol

Concen: 113.420 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

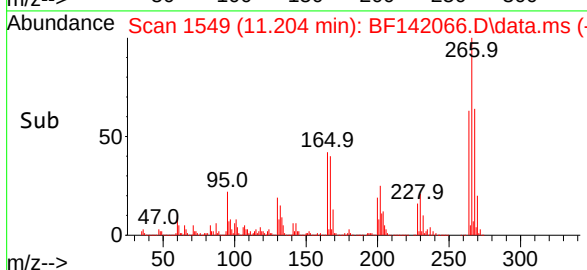
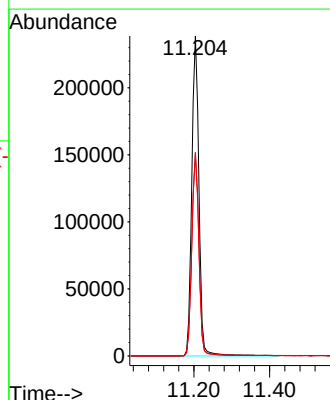
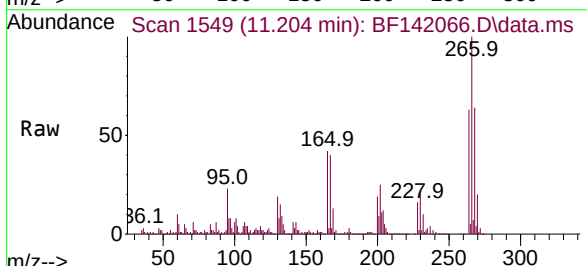
Tgt Ion:266 Resp: 312252

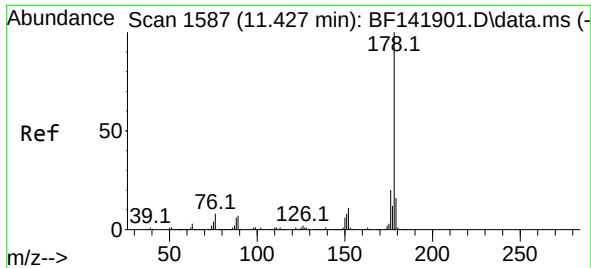
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.5 50.2 75.2

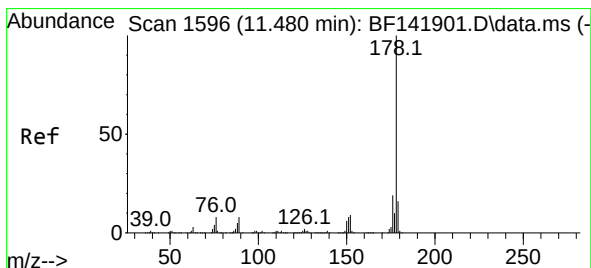
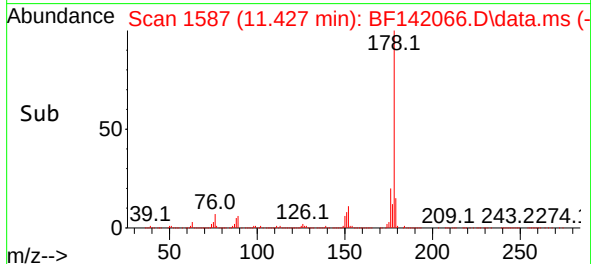
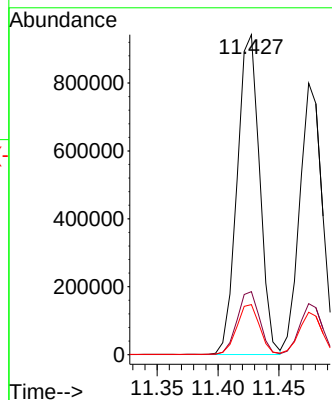
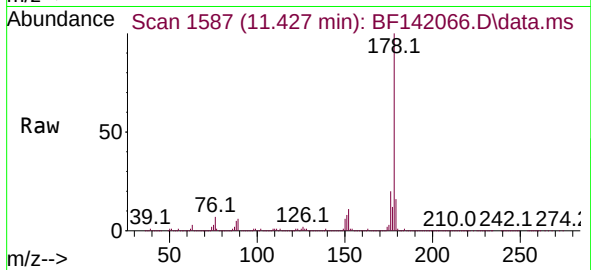




#71
Phenanthrene
Concen: 68.975 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

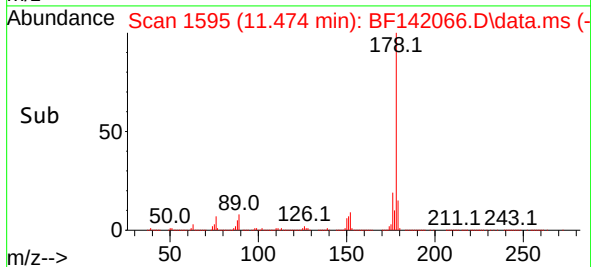
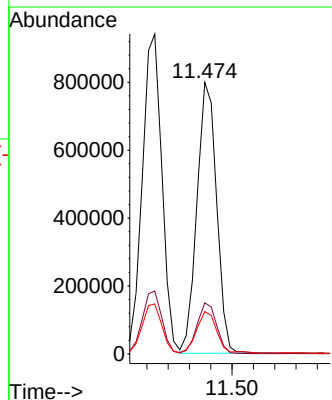
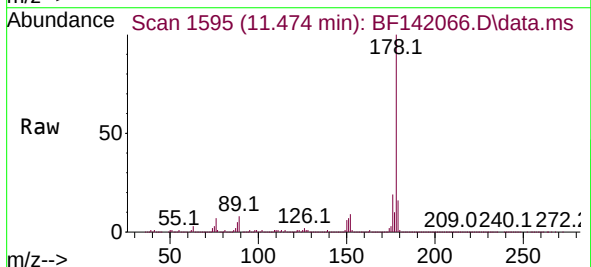
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

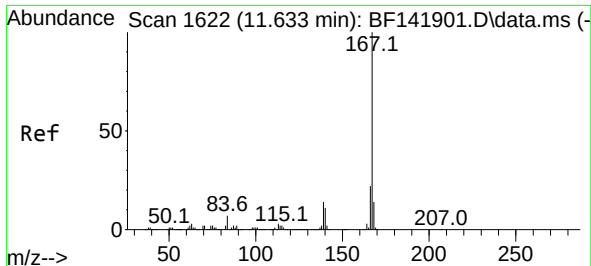
Tgt Ion:178 Resp: 1208562
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 58.028 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:178 Resp: 1020072
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.6 19.0

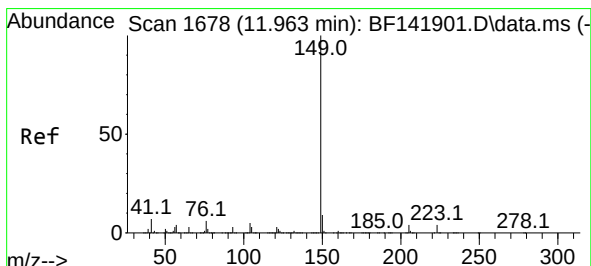
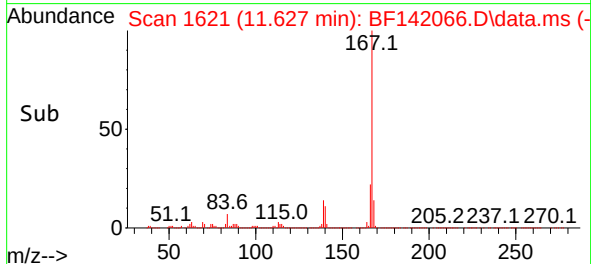
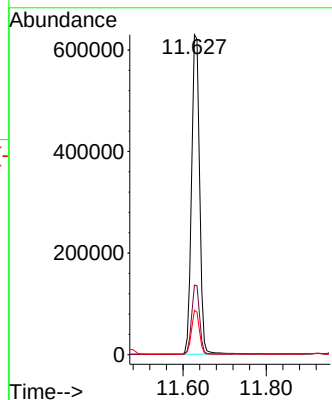
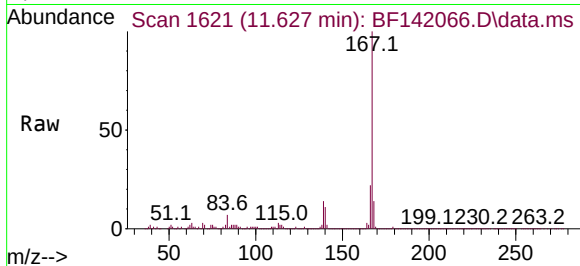




#73
 Carbazole
 Concen: 55.936 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

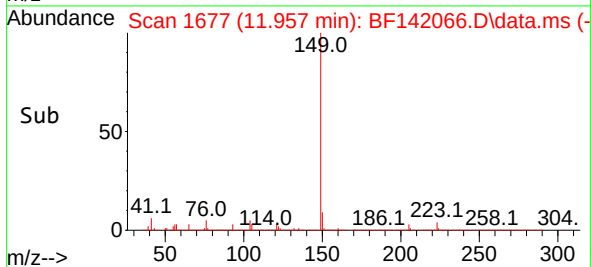
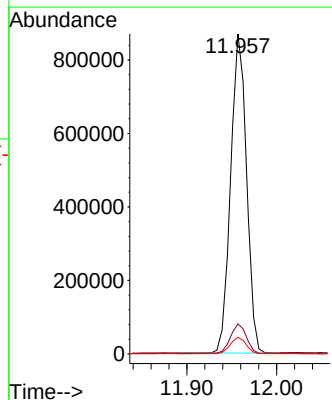
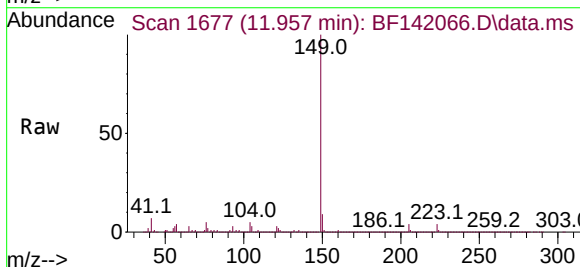
Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1MSD

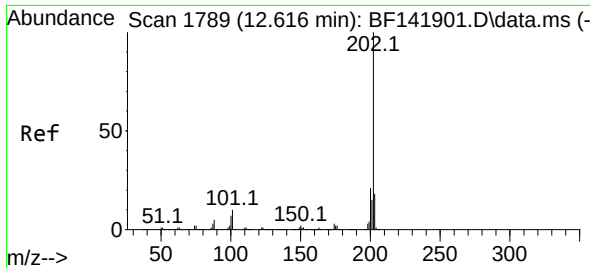
Tgt Ion:167 Resp: 848014
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 53.367 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

Tgt Ion:149 Resp: 1073533
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.2 4.4 6.6

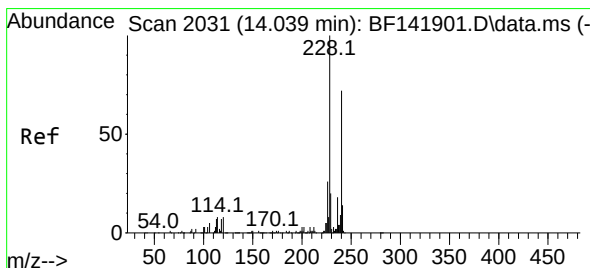
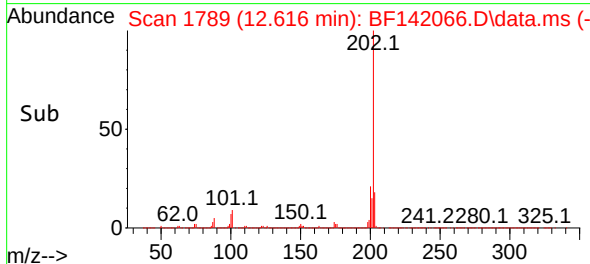
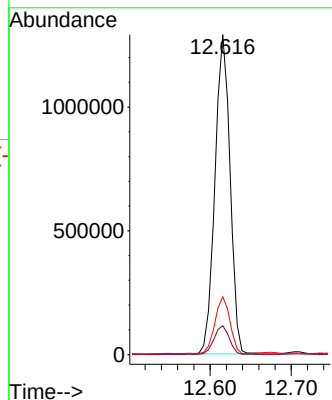
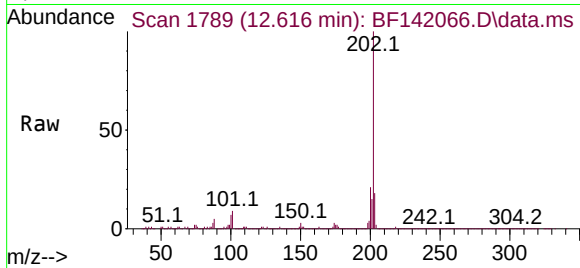




#75
Fluoranthene
Concen: 89.745 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

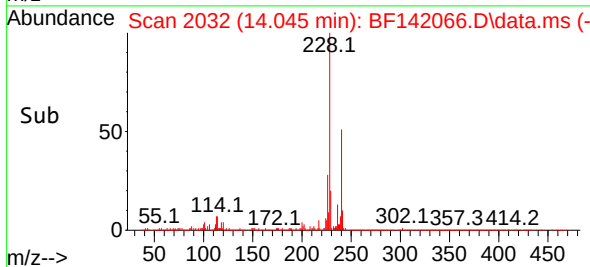
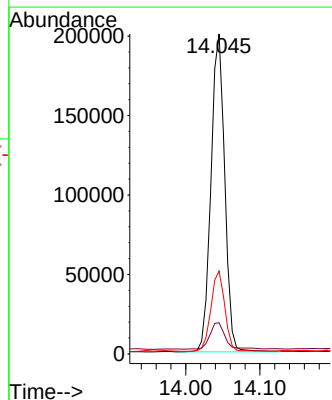
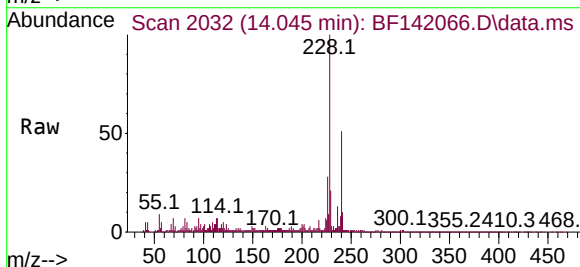
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

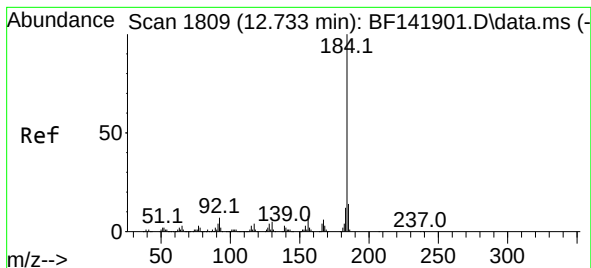
Tgt Ion:202 Resp: 1668050
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.7
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:240 Resp: 259606
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.9 20.5 30.7





#77

Benzidine

Concen: 37.095 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

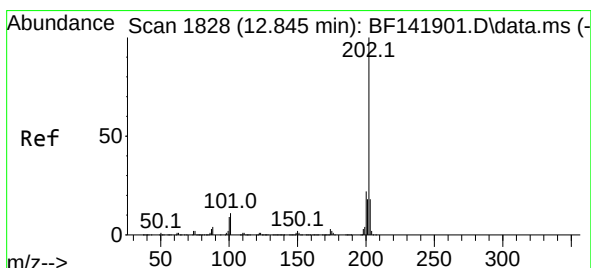
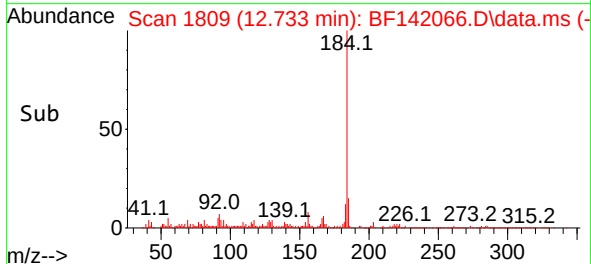
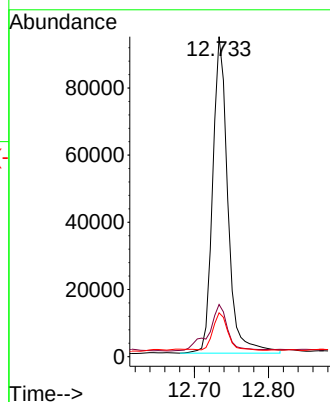
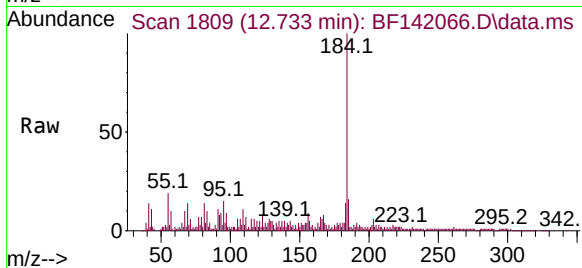
Tgt Ion:184 Resp: 134358

Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

183 13.7 9.7 14.5



#78

Pyrene

Concen: 73.256 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

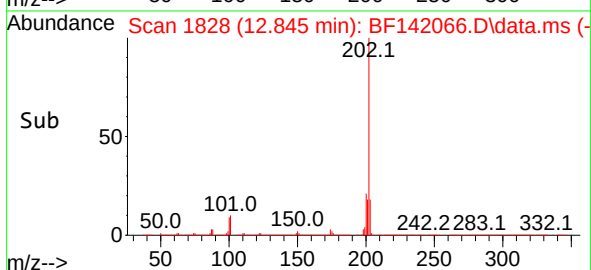
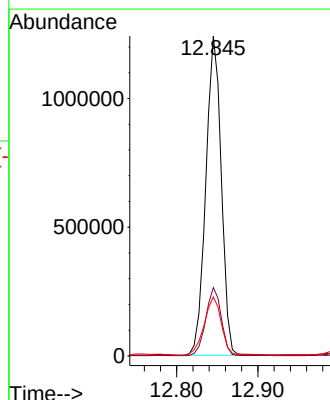
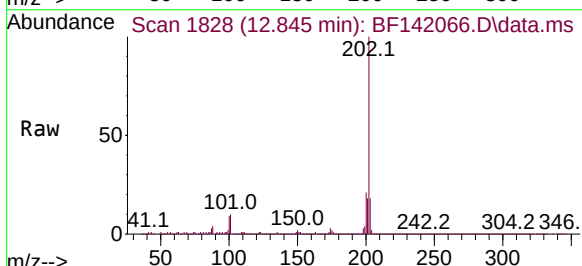
Tgt Ion:202 Resp: 1645052

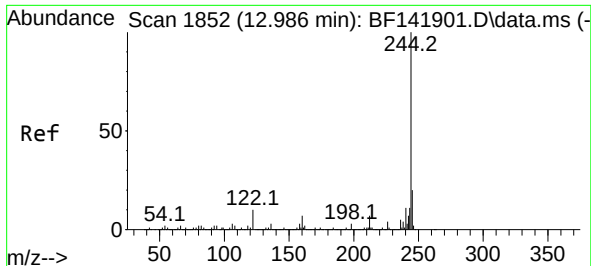
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 18.4 14.4 21.6

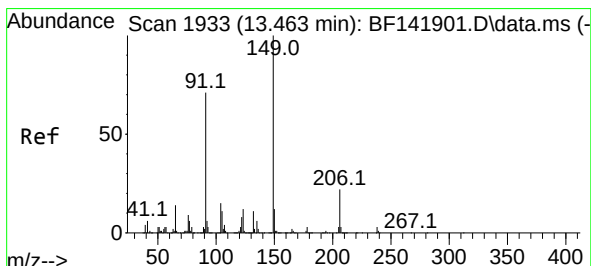
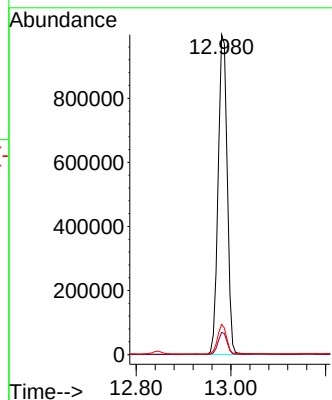
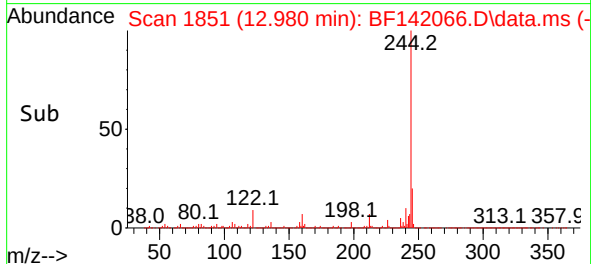
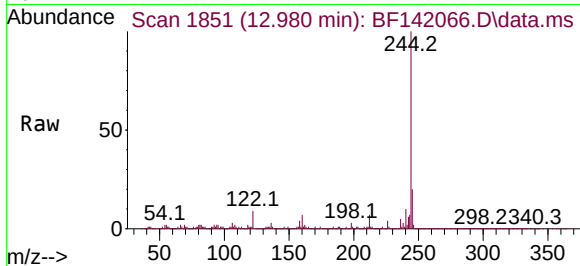




#79
 Terphenyl-d14
 Concen: 75.559 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

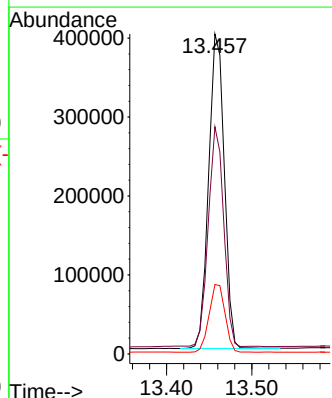
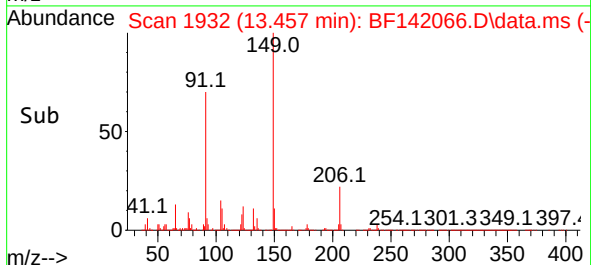
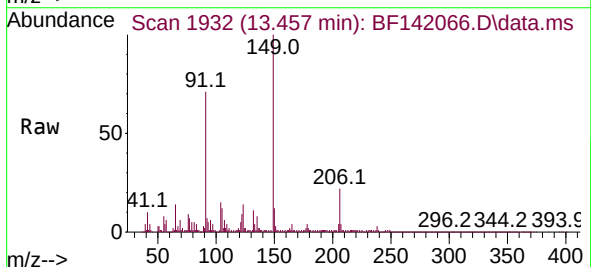
Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1MSD

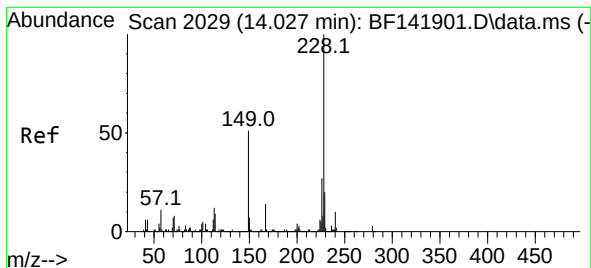
Tgt Ion:244 Resp: 1326765
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 57.925 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142066.D
 Acq: 24 Mar 2025 20:51

Tgt Ion:149 Resp: 509128
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.5 84.7
 206 21.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 71.218 ng

RT: 14.033 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

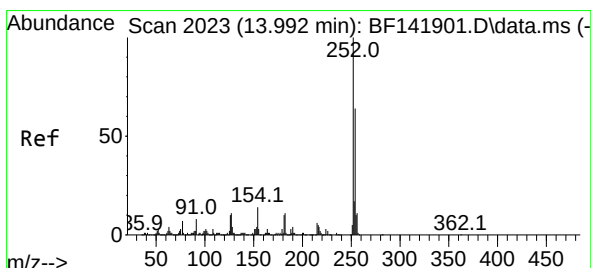
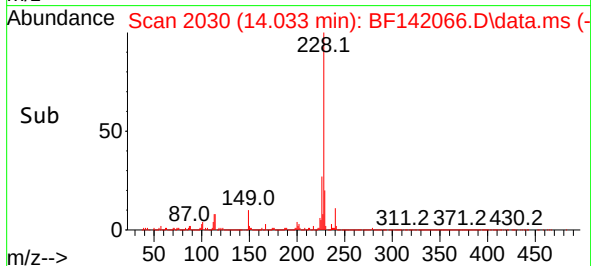
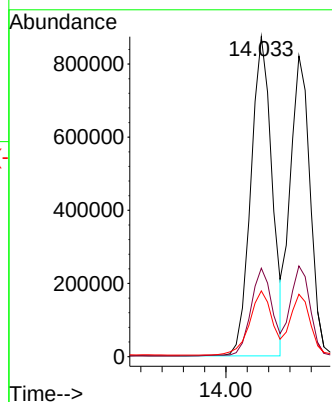
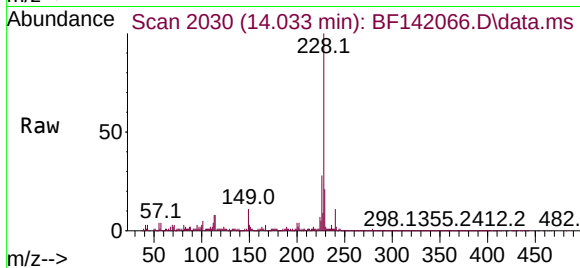
Tgt Ion:228 Resp: 1213230

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.001 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

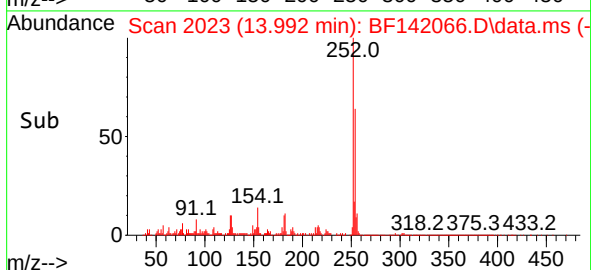
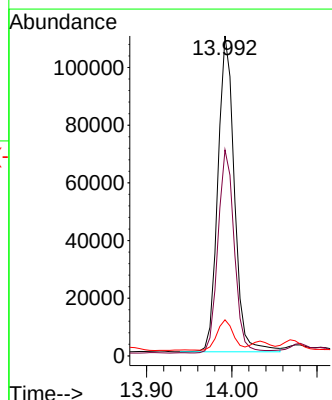
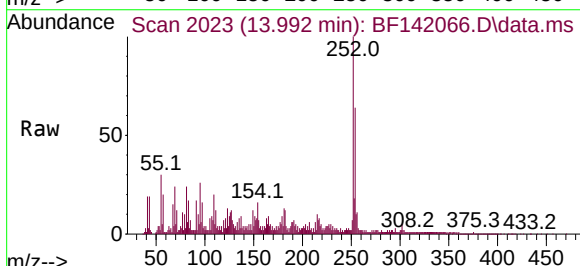
Tgt Ion:252 Resp: 147694

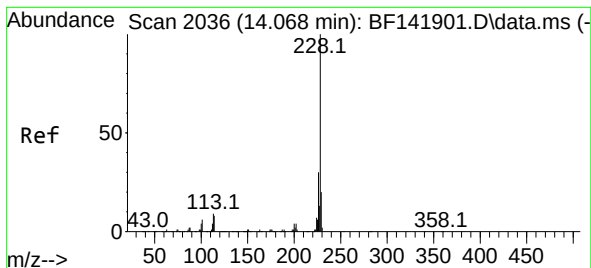
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

126 11.3 8.4 12.6





#83

Chrysene

Concen: 68.559 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

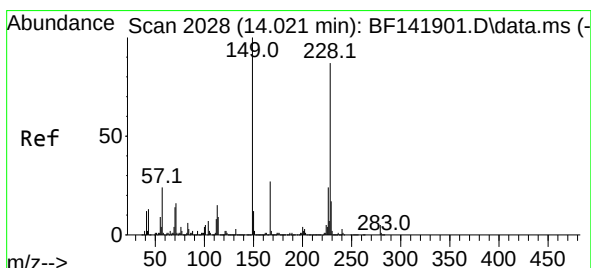
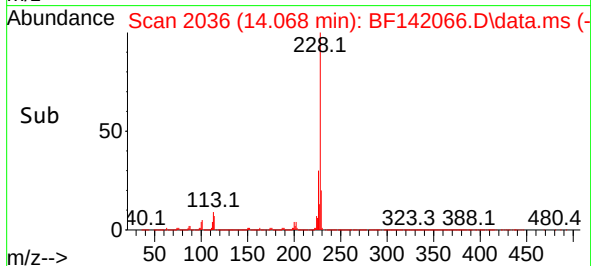
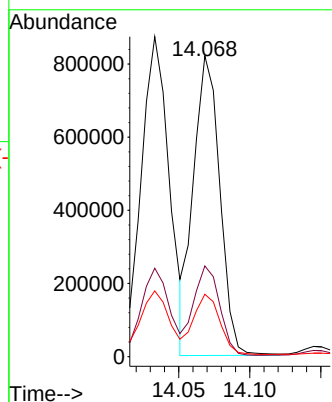
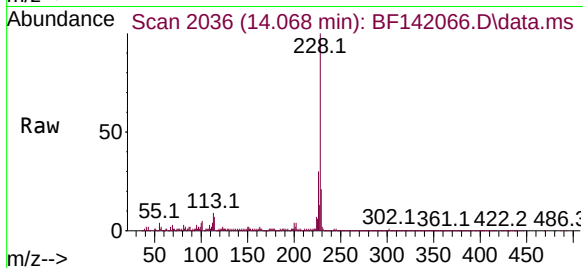
Tgt Ion:228 Resp: 1058697

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.368 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

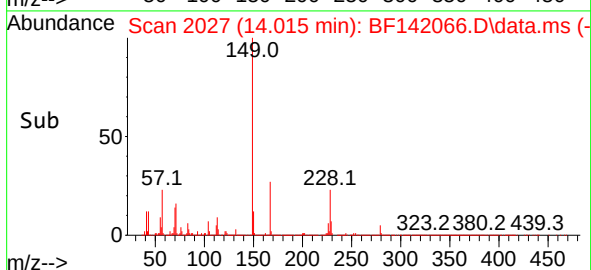
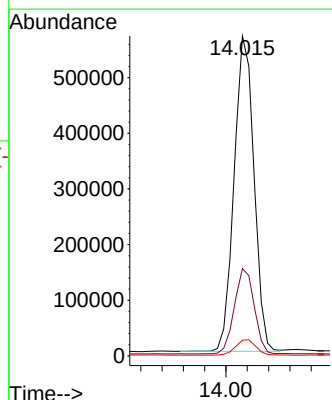
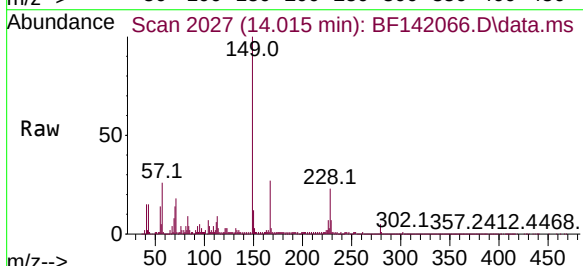
Tgt Ion:149 Resp: 731585

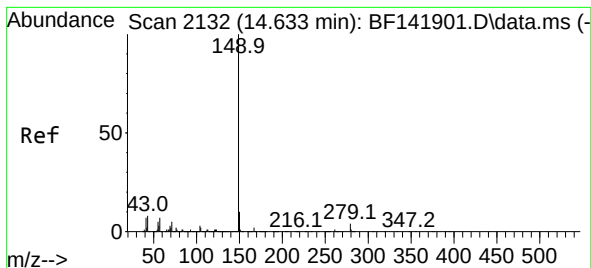
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 61.190 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

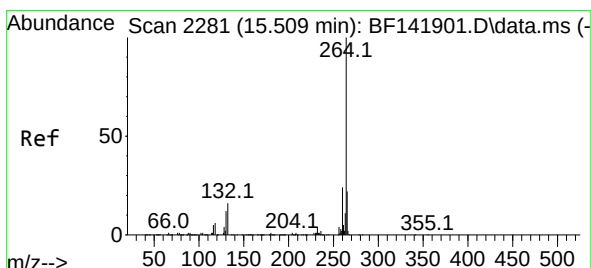
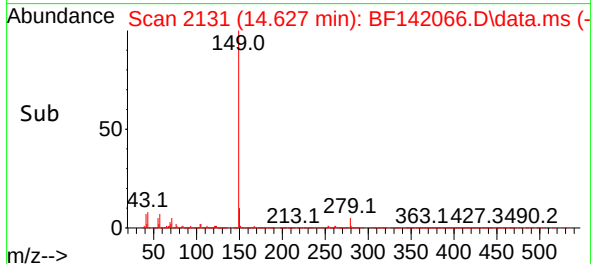
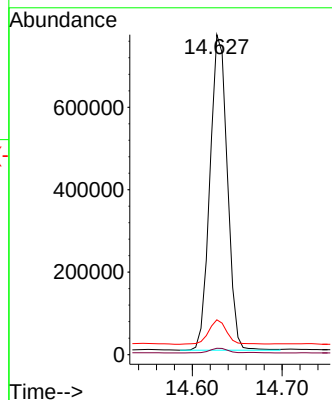
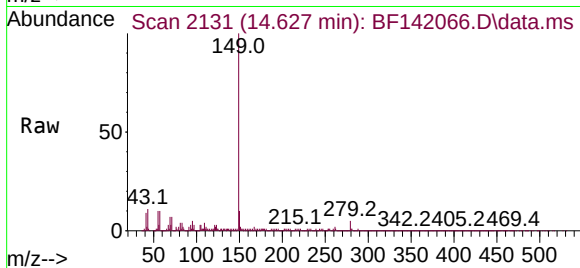
Tgt Ion:149 Resp: 1031788

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

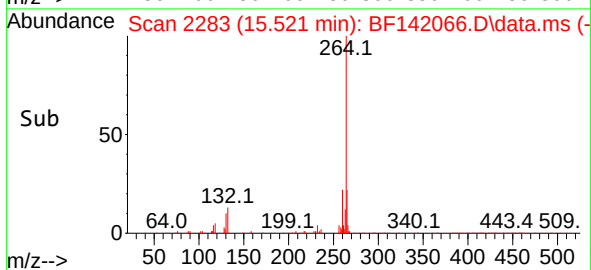
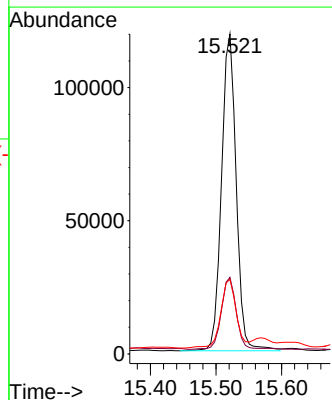
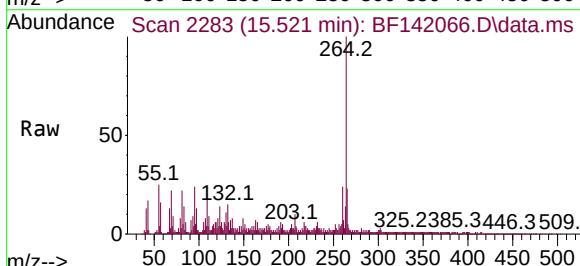
Tgt Ion:264 Resp: 186036

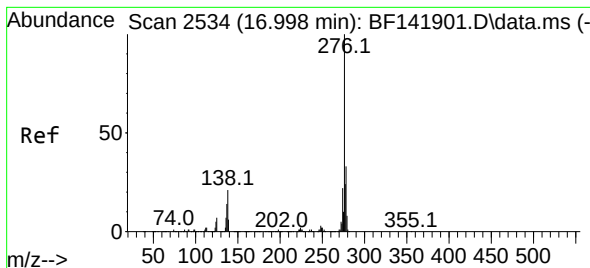
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 23.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.191 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

Instrument :

BNA_F

ClientSampleId :

CO-32-1MSD

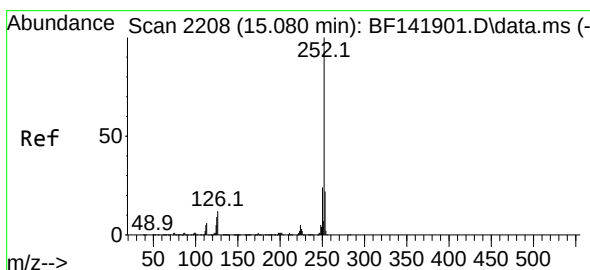
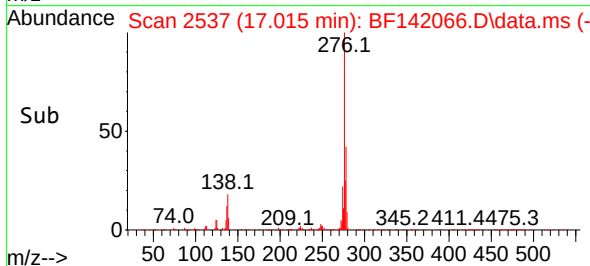
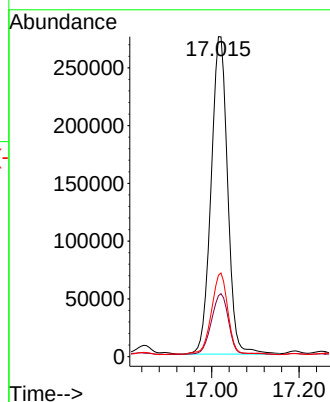
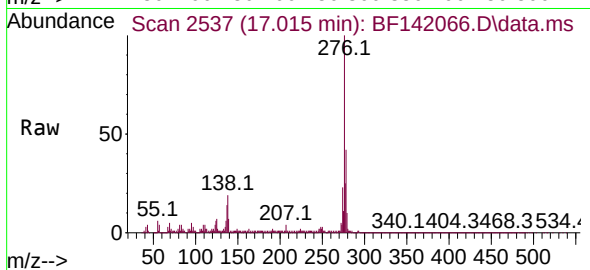
Tgt Ion:276 Resp: 724364

Ion Ratio Lower Upper

276 100

138 20.1 18.4 27.6

277 24.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 76.666 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF142066.D

Acq: 24 Mar 2025 20:51

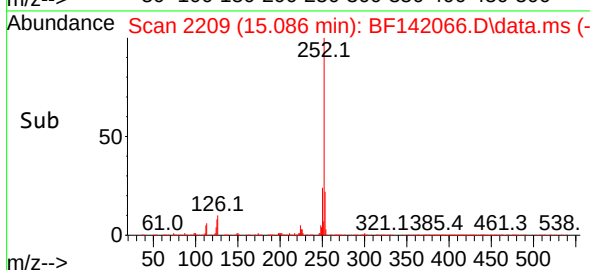
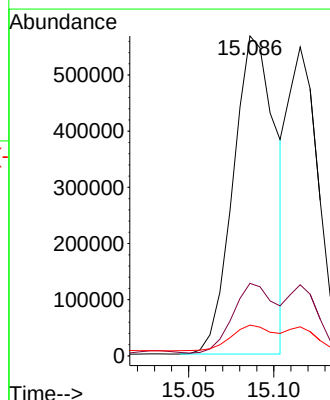
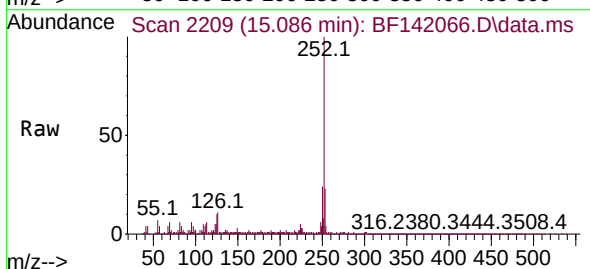
Tgt Ion:252 Resp: 977504

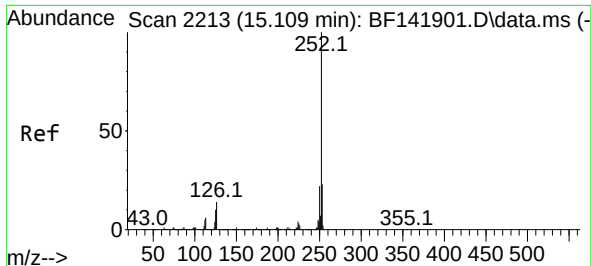
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.6 7.0 10.4

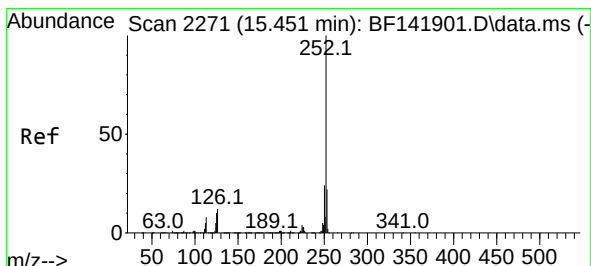
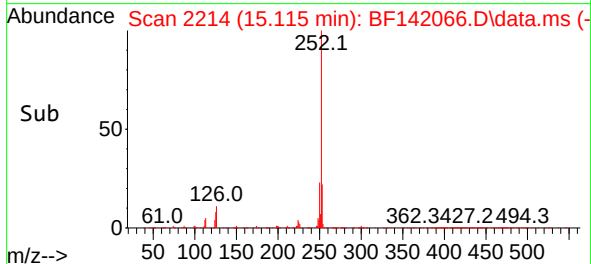
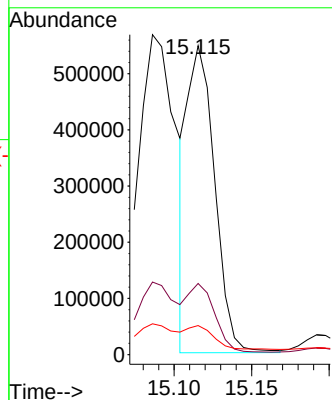
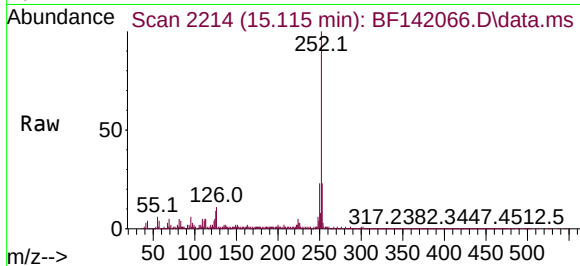




#89
Benzo(k)fluoranthene
Concen: 61.886 ng
RT: 15.115 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

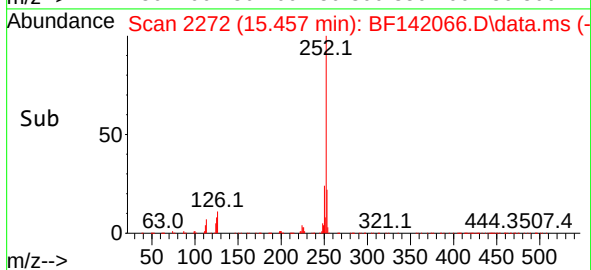
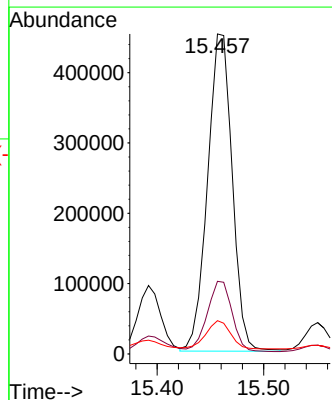
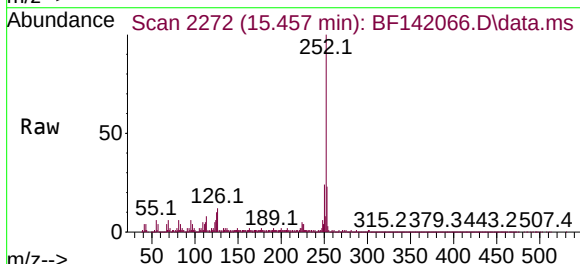
Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

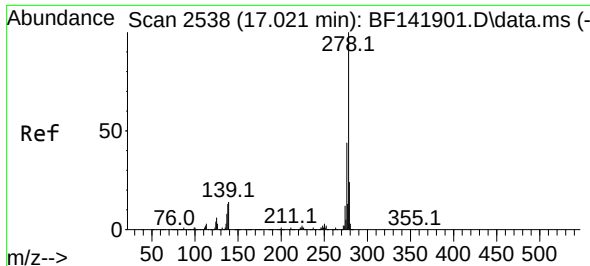
Tgt Ion:252 Resp: 675245
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 72.859 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:252 Resp: 726873
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.4 7.8 11.8

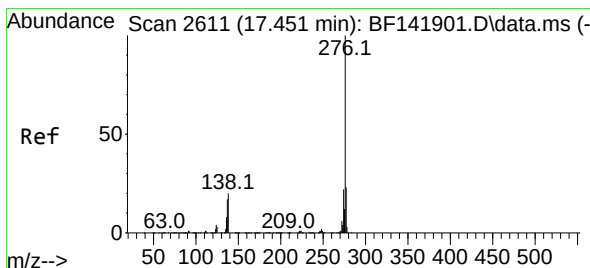
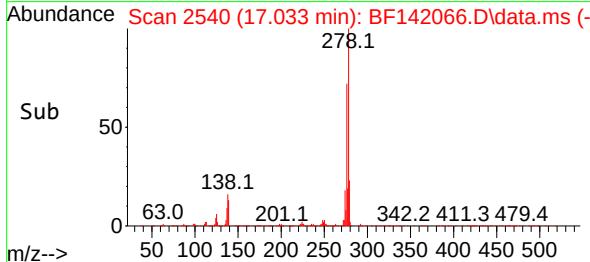
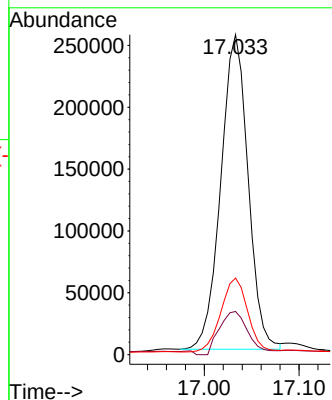
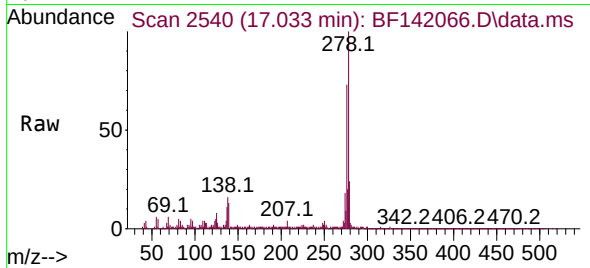




#91
Dibenzo(a,h)anthracene
Concen: 51.298 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Tgt Ion:278 Resp: 509353
Ion Ratio Lower Upper
278 100
139 13.5 11.4 17.2
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 58.947 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF142066.D
Acq: 24 Mar 2025 20:51

Tgt Ion:276 Resp: 578401
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.0 15.8 23.8

