

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142987.D
 Acq On : 03 Jul 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 03 11:17:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62161	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	229765	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116751	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	185461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	107728	20.000	ng	0.00
86) Perylene-d12	15.545	264	131364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	287239	76.934	ng	0.00
7) Phenol-d6	6.510	99	335649	76.199	ng	0.00
23) Nitrobenzene-d5	7.440	82	352226	84.085	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	93379	77.722	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	759551	85.464	ng	-0.01
79) Terphenyl-d14	12.992	244	598225	76.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	53465	35.803	ng	99
3) Pyridine	3.399	79	134024	35.799	ng	98
4) n-Nitrosodimethylamine	3.346	42	70336	36.332	ng	97
6) Aniline	6.540	93	218104	37.212	ng	97
8) 2-Chlorophenol	6.663	128	156373	38.827	ng	96
9) Benzaldehyde	6.428	77	108361	41.465	ng	98
10) Phenol	6.522	94	185049	37.793	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	132714	37.924	ng	97
12) 1,3-Dichlorobenzene	6.816	146	174345	38.707	ng	100
13) 1,4-Dichlorobenzene	6.893	146	175396	38.596	ng	99
14) 1,2-Dichlorobenzene	7.045	146	167185	38.787	ng	100
15) Benzyl Alcohol	7.016	79	122618	38.506	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	199779	35.533	ng	85
17) 2-Methylphenol	7.128	107	117070	38.358	ng	99
18) Hexachloroethane	7.387	117	61470	38.672	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	97286	37.974	ng	99
20) 3+4-Methylphenols	7.287	107	149761	39.355	ng	94
22) Acetophenone	7.287	105	199714	39.417	ng	100
24) Nitrobenzene	7.457	77	146546	38.653	ng	99
25) Isophorone	7.698	82	255453	38.016	ng	100
26) 2-Nitrophenol	7.775	139	83211	40.290	ng	100
27) 2,4-Dimethylphenol	7.810	122	132297	36.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	165636	38.772	ng	99
29) 2,4-Dichlorophenol	8.022	162	126088	38.871	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	138995	38.968	ng	99
31) Naphthalene	8.181	128	441104	39.221	ng	100
32) Benzoic acid	7.922	122	59400	32.577	ng	98
33) 4-Chloroaniline	8.228	127	177185	38.745	ng	99
34) Hexachlorobutadiene	8.292	225	87828	40.255	ng	99
35) Caprolactam	8.604	113	32839	38.365	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	124017	38.469	ng	98
37) 2-Methylnaphthalene	8.875	142	268912	38.568	ng	100
38) 1-Methylnaphthalene	8.969	142	280877	38.914	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	138759	40.279	ng	99
41) Hexachlorocyclopentadiene	9.022	237	62479	31.960	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	88434	39.395	ng	99

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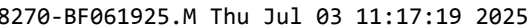
Instrument :
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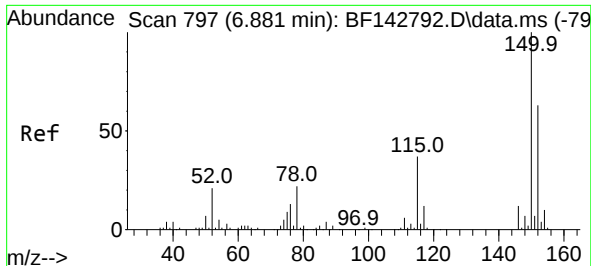
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	94408	39.952	ng	98
46) 1,1'-Biphenyl	9.339	154	365699	39.652	ng	100
47) 2-Chloronaphthalene	9.363	162	273280	39.486	ng	100
48) 2-Nitroaniline	9.457	65	75404	38.861	ng	99
49) Acenaphthylene	9.781	152	443510	38.927	ng	100
50) Dimethylphthalate	9.634	163	298300	39.472	ng	100
51) 2,6-Dinitrotoluene	9.704	165	64947	39.133	ng	95
52) Acenaphthene	9.951	154	257543	37.049	ng	99
53) 3-Nitroaniline	9.869	138	70835	38.765	ng	98
54) 2,4-Dinitrophenol	9.986	184	30559	36.773	ng	96
55) Dibenzofuran	10.122	168	381239	38.246	ng	99
56) 4-Nitrophenol	10.039	139	52736	42.156	ng	98
57) 2,4-Dinitrotoluene	10.110	165	85245	38.668	ng	94
58) Fluorene	10.469	166	307774	39.535	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72431	38.026	ng	95
60) Diethylphthalate	10.334	149	293374	39.592	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	146416	39.414	ng	99
62) 4-Nitroaniline	10.486	138	63187	37.809	ng	98
63) Azobenzene	10.616	77	250925	37.889	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	43324	38.620	ng	97
66) n-Nitrosodiphenylamine	10.575	169	257976	40.136	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	85828	40.663	ng	96
68) Hexachlorobenzene	11.016	284	91556	39.037	ng	98
69) Atrazine	11.098	200	70039	42.197	ng	100
70) Pentachlorophenol	11.216	266	41380	35.407	ng	99
71) Phenanthrene	11.433	178	391835	39.002	ng	100
72) Anthracene	11.480	178	406285	39.432	ng	100
73) Carbazole	11.639	167	340680	38.315	ng	100
74) Di-n-butylphthalate	11.963	149	386639	41.741	ng	99
75) Fluoranthene	12.622	202	357341	37.478	ng	99
77) Benzidine	12.745	184	196289	48.497	ng	99
78) Pyrene	12.851	202	400958	39.708	ng	99
80) Butylbenzylphthalate	13.463	149	132794	45.336	ng	96
81) Benzo(a)anthracene	14.039	228	293122	40.334	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	100692	42.716	ng	98
83) Chrysene	14.080	228	248524	38.324	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	198476	47.096	ng	99
85) Di-n-octyl phthalate	14.633	149	366137	46.074	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	370993	37.078	ng	98
88) Benzo(b)fluoranthene	15.110	252	305182	40.149	ng	99
89) Benzo(k)fluoranthene	15.133	252	266707	37.503	ng	100
90) Benzo(a)pyrene	15.486	252	286573	39.025	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	300677	36.984	ng	98
92) Benzo(g,h,i)perylene	17.521	276	289923	35.763	ng	98

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

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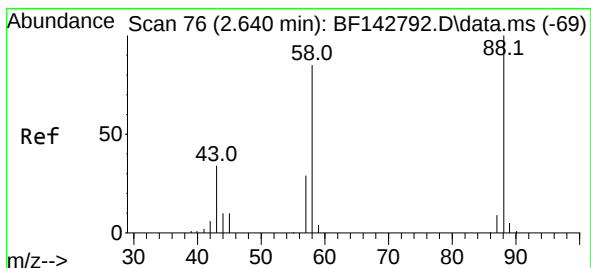
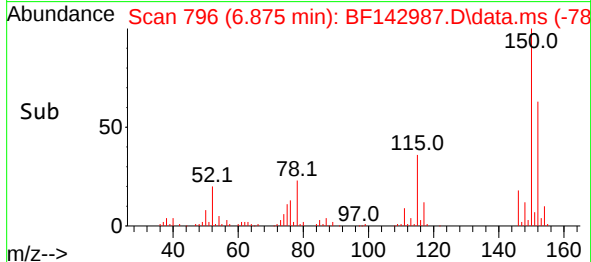
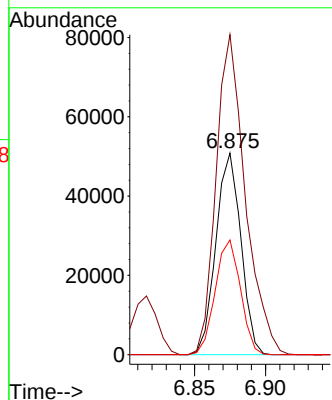
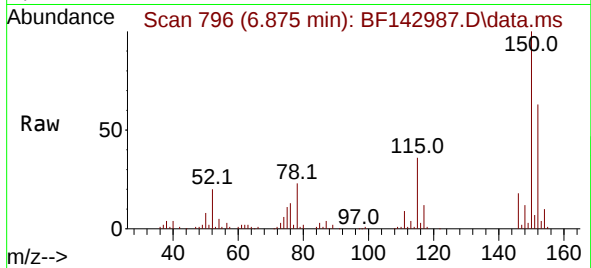




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

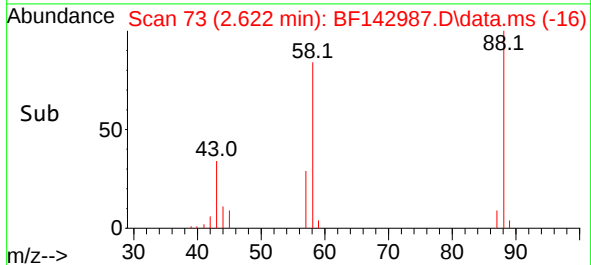
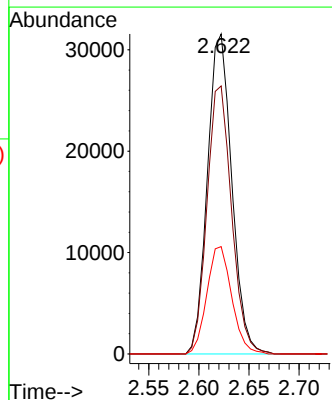
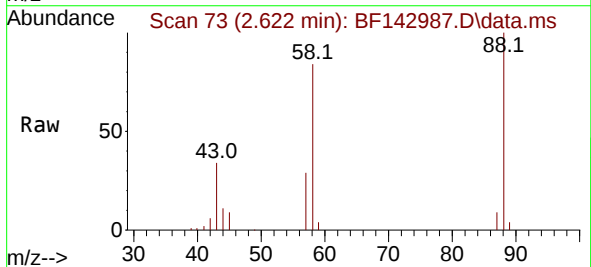
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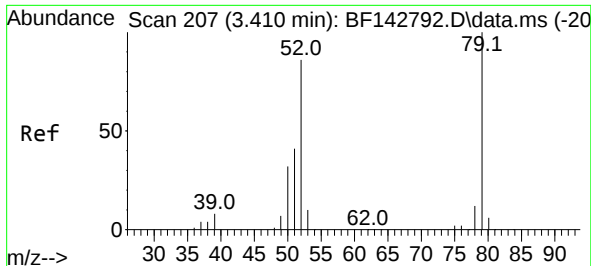
Tgt Ion:152 Resp: 62161
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.2 190.8
 115 56.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.803 ng
 RT: 2.622 min Scan# 73
 Delta R.T. -0.017 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Tgt Ion: 88 Resp: 53465
 Ion Ratio Lower Upper
 88 100
 58 84.6 69.1 103.7
 43 34.3 27.4 41.2

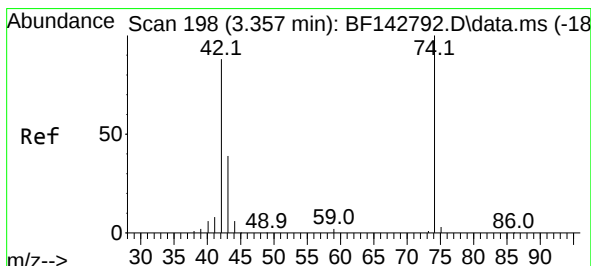
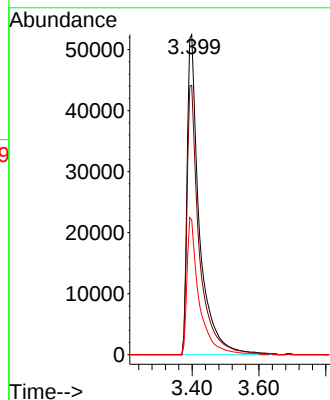
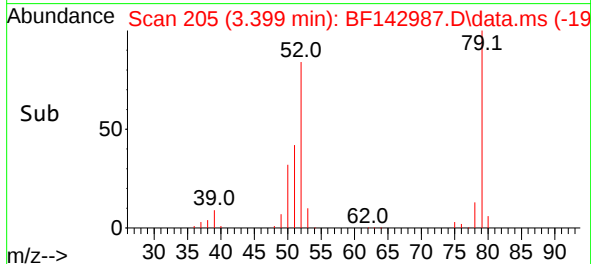
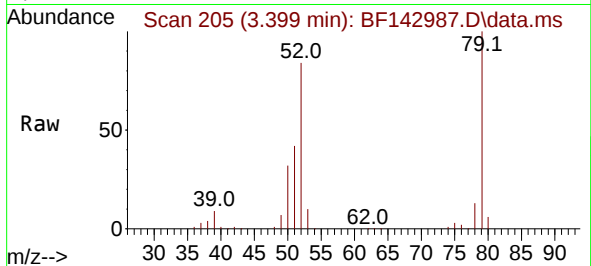




#3
Pyridine
Concen: 35.799 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

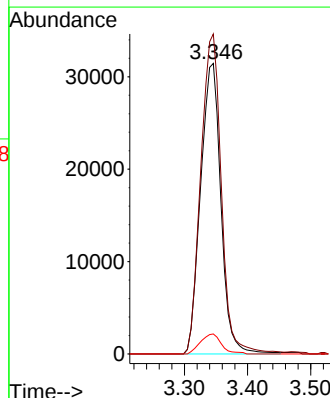
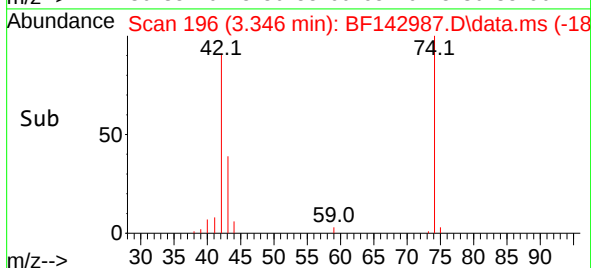
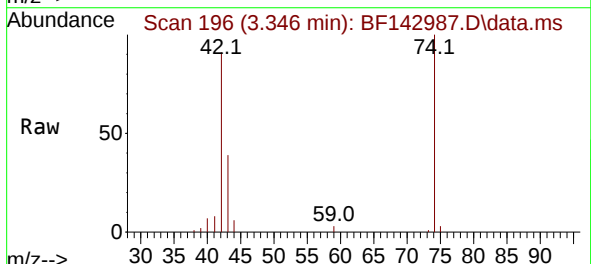
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SSTDCCC040

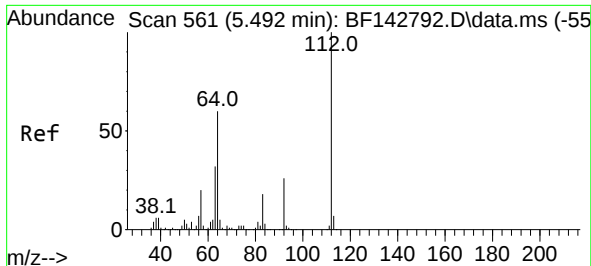
Tgt Ion: 79 Resp: 134024
Ion Ratio Lower Upper
79 100
52 84.2 69.2 103.8
51 42.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 36.332 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 42 Resp: 70336
Ion Ratio Lower Upper
42 100
74 110.2 90.9 136.3
44 6.9 5.8 8.6

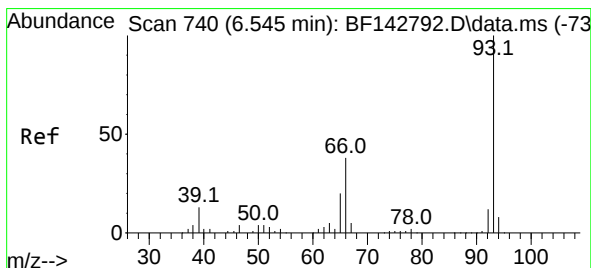
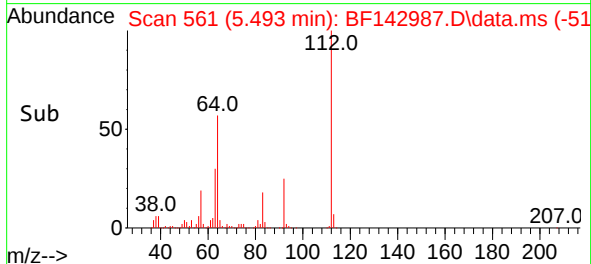
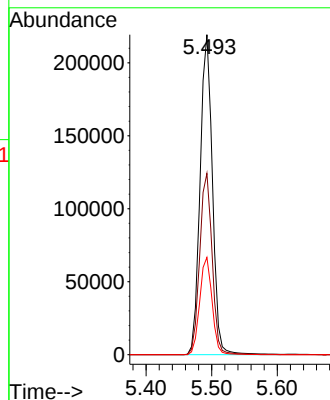
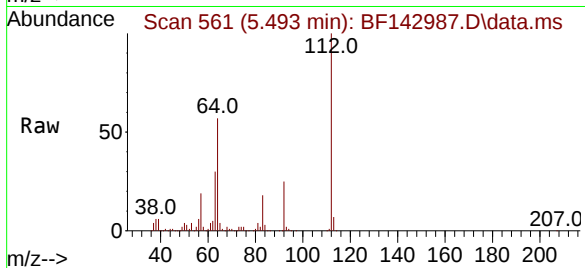




#5
2-Fluorophenol
Concen: 76.934 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

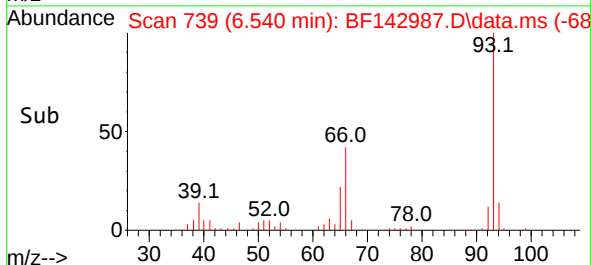
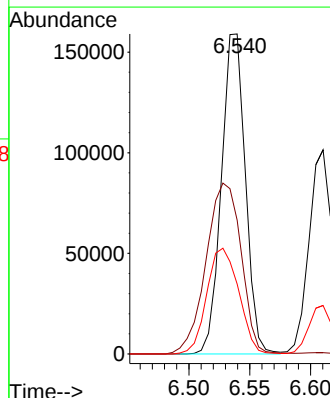
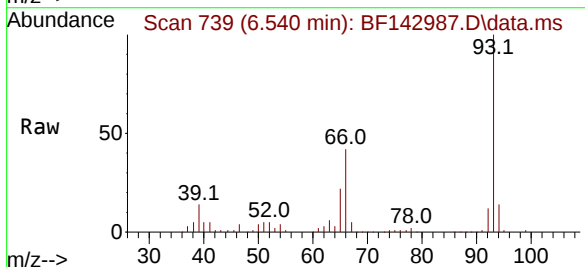
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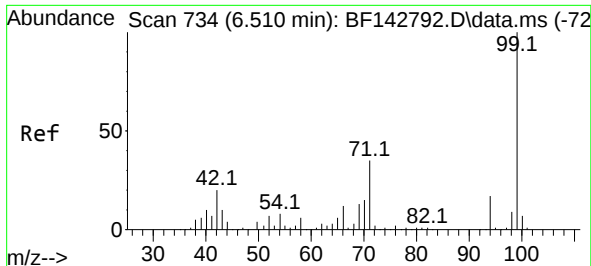
Tgt Ion:112 Resp: 287239
Ion Ratio Lower Upper
112 100
64 56.7 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 37.212 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 93 Resp: 218104
Ion Ratio Lower Upper
93 100
66 41.8 31.8 47.6
65 21.9 16.2 24.2

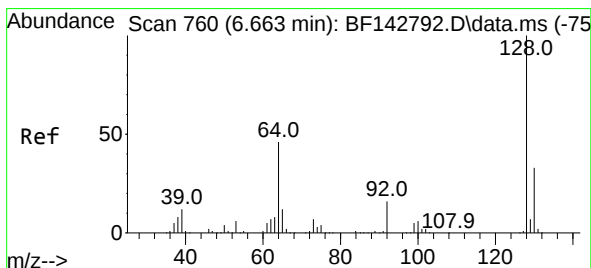
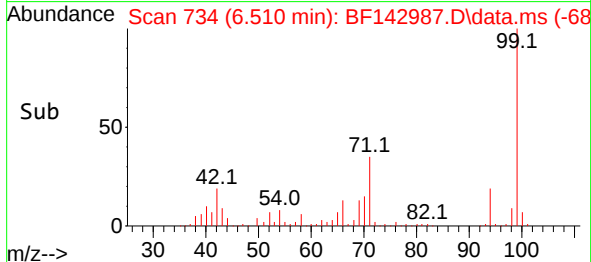
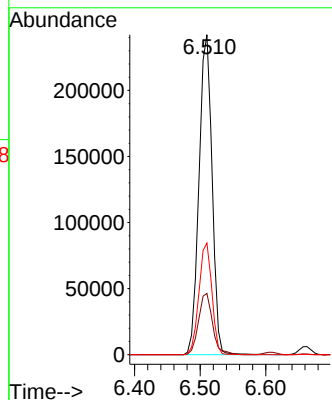
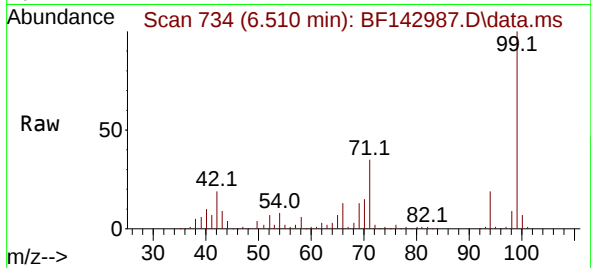




#7
Phenol-d6
Concen: 76.199 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

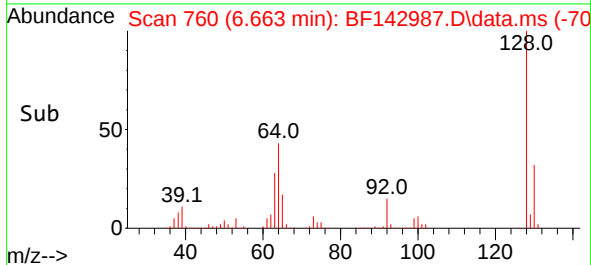
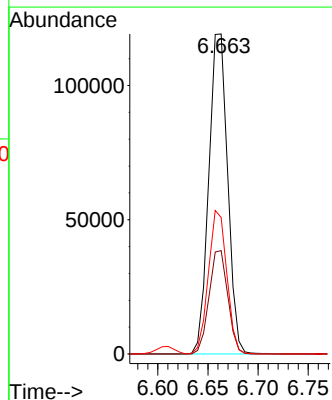
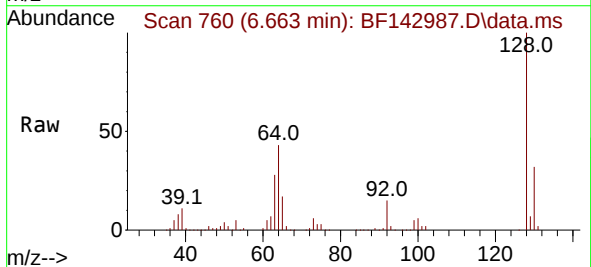
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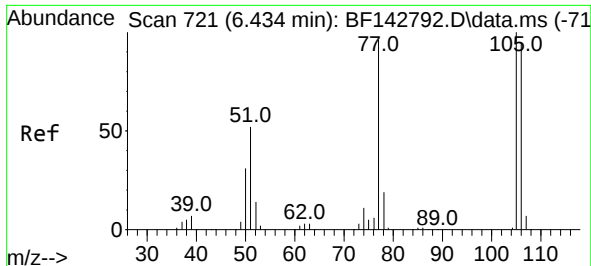
Tgt Ion: 99 Resp: 335649
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 34.9 27.8 41.8



#8
2-Chlorophenol
Concen: 38.827 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:128 Resp: 156373
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 42.6 26.5 66.5

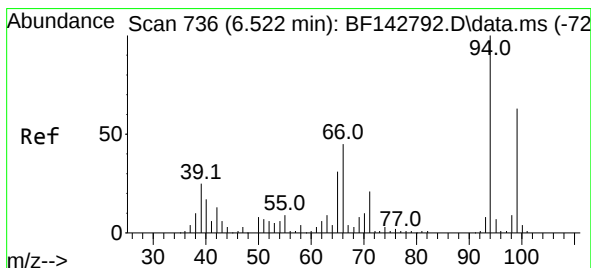
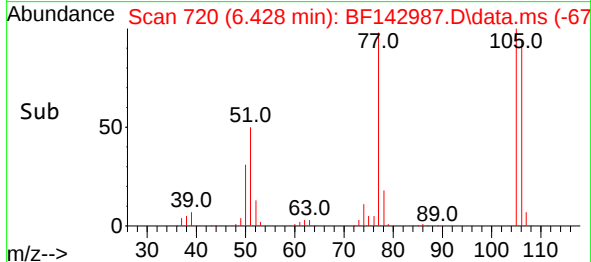
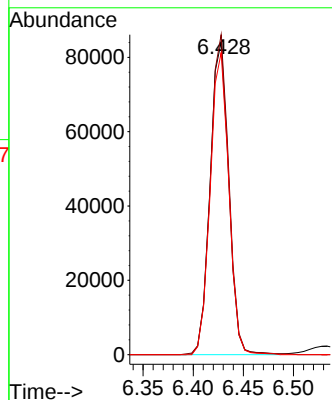
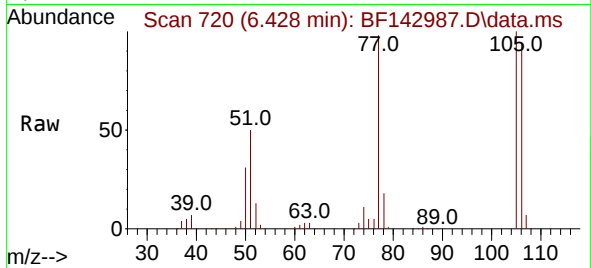




#9
Benzaldehyde
Concen: 41.465 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

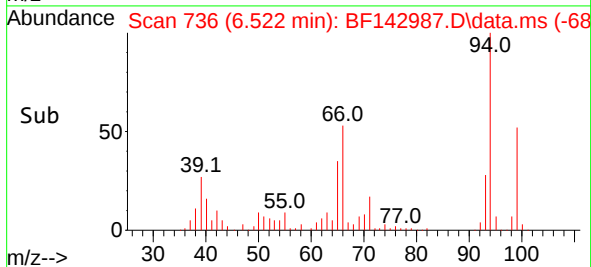
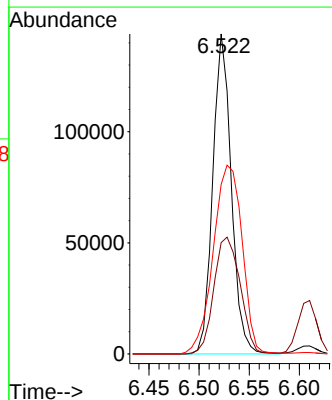
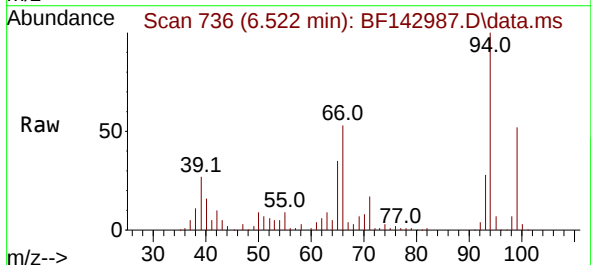
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 108361
Ion Ratio Lower Upper
77 100
105 102.3 83.8 123.8
106 96.6 78.7 118.7



#10
Phenol
Concen: 37.793 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 94 Resp: 185049
Ion Ratio Lower Upper
94 100
65 34.8 11.3 51.3
66 53.0 24.9 64.9

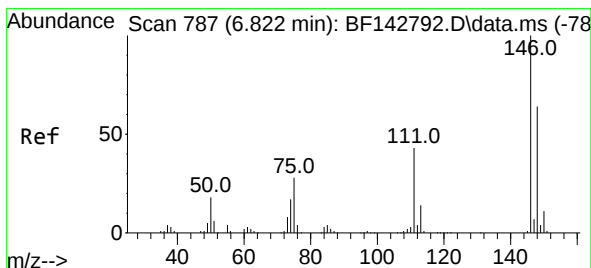
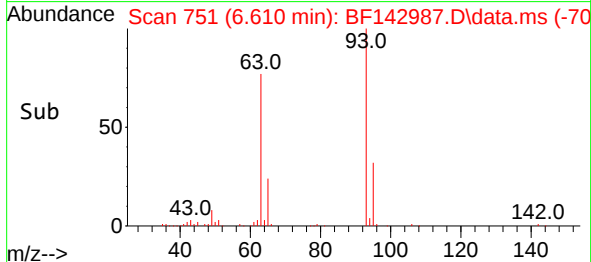
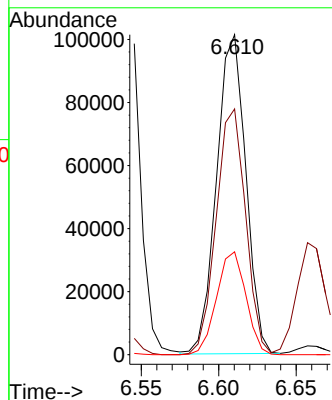
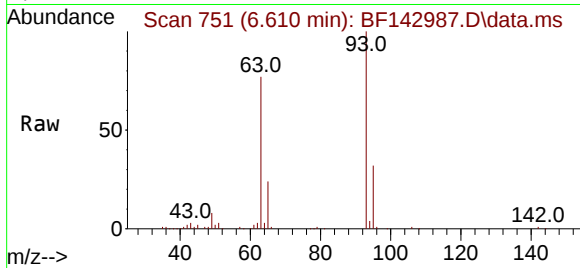




#11
bis(2-Chloroethyl)ether
Concen: 37.924 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

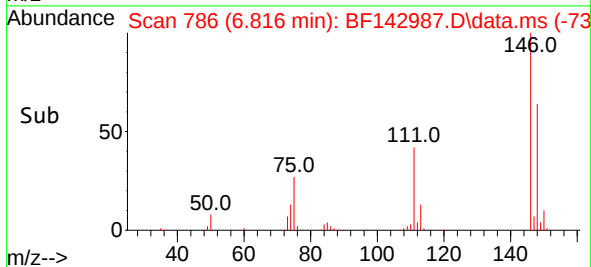
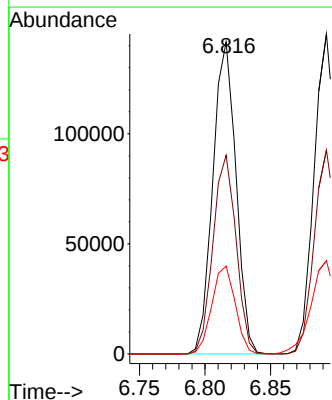
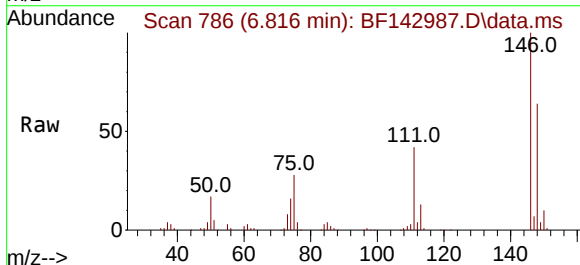
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

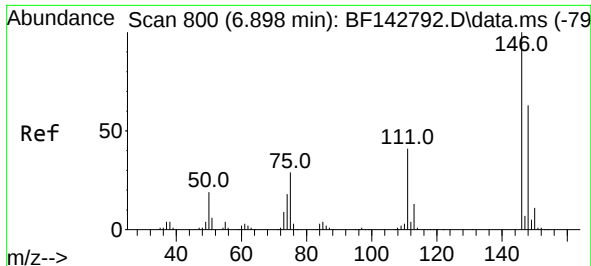
Tgt Ion: 93 Resp: 132714
Ion Ratio Lower Upper
93 100
63 76.8 60.3 100.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.707 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:146 Resp: 174345
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 28.2 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 38.596 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

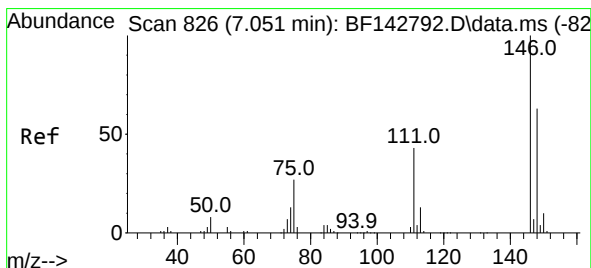
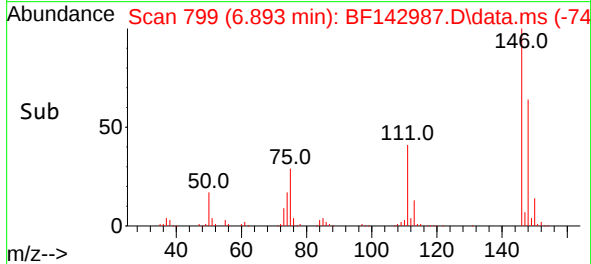
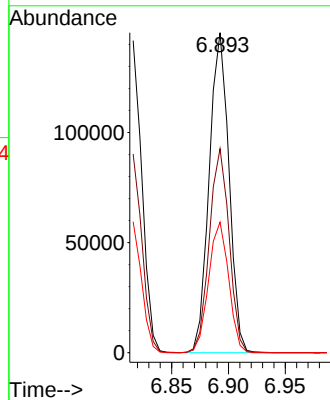
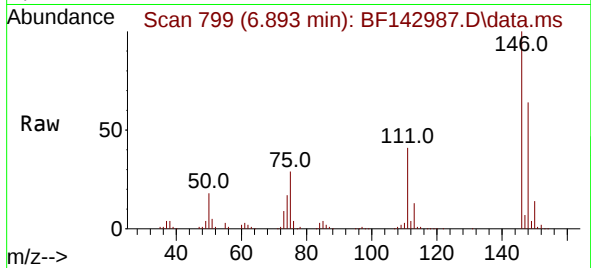
Tgt Ion:146 Resp: 175396

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 40.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 38.787 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

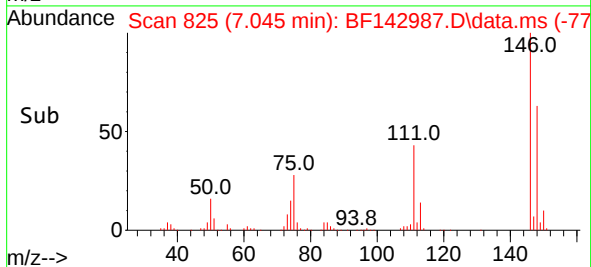
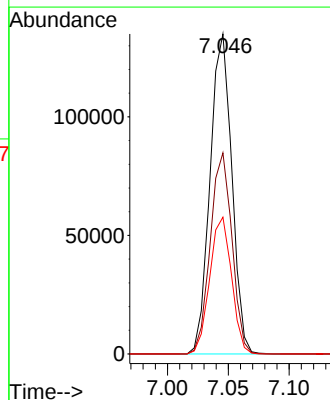
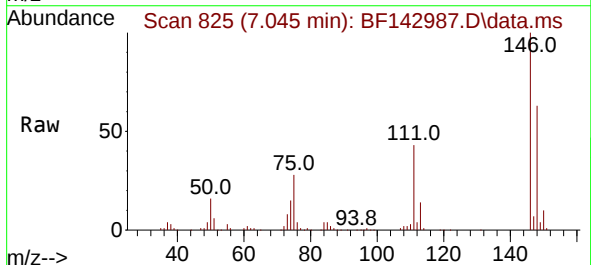
Tgt Ion:146 Resp: 167185

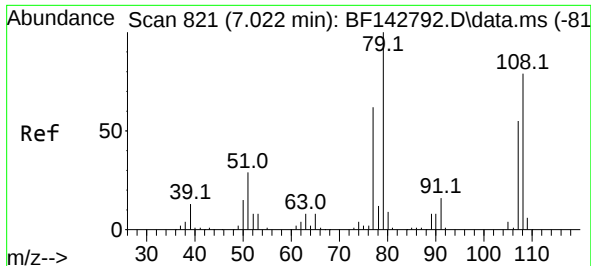
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 42.8 34.1 51.1

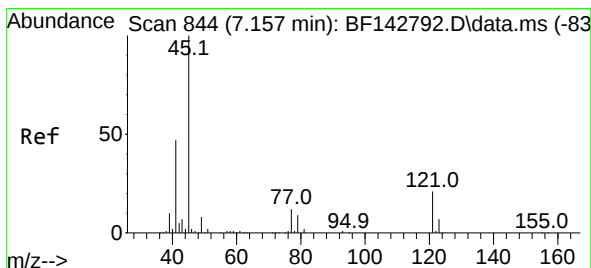
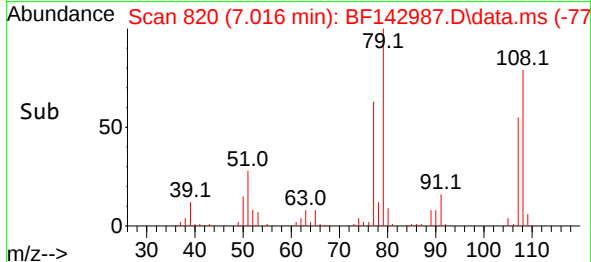
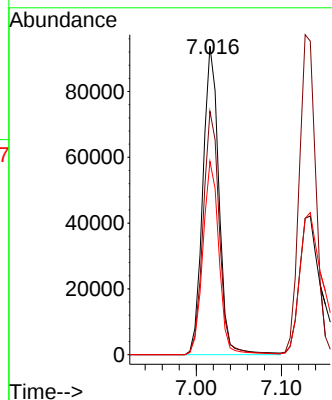
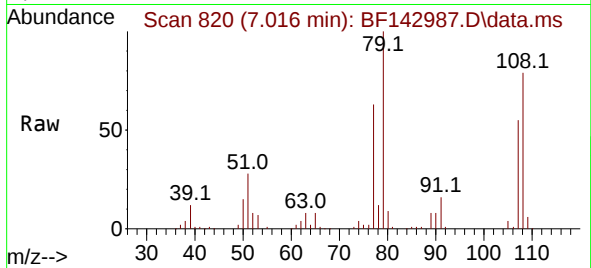




#15
Benzyl Alcohol
Concen: 38.506 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

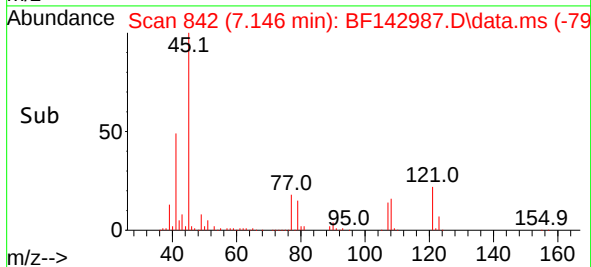
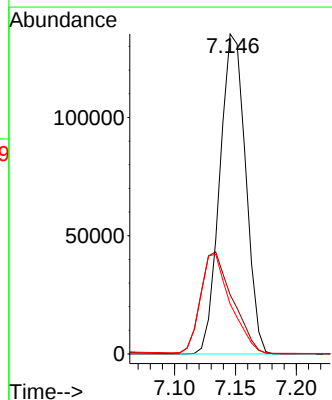
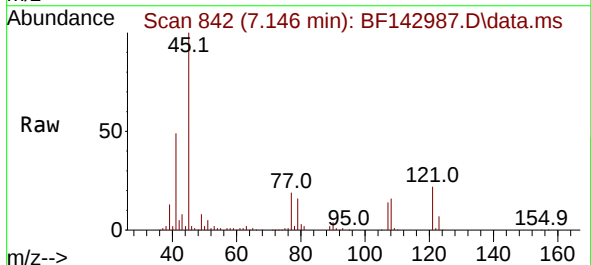
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

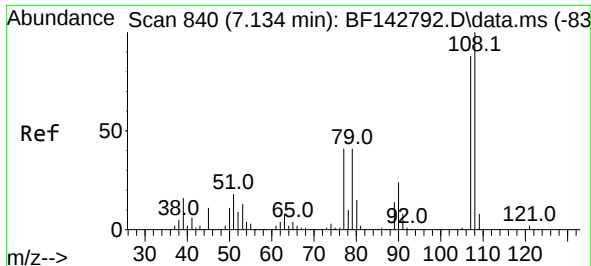
Tgt Ion: 79 Resp: 122618
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 62.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.533 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 45 Resp: 199779
Ion Ratio Lower Upper
45 100
77 18.5 0.0 32.8
79 15.6 0.0 29.8



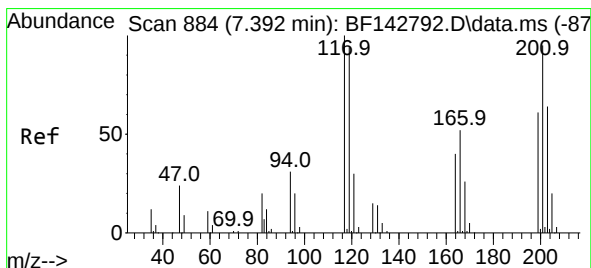
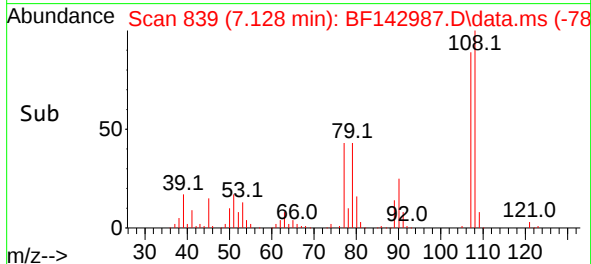
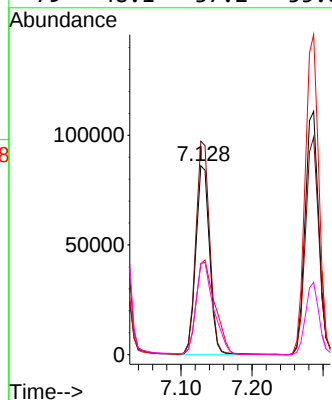
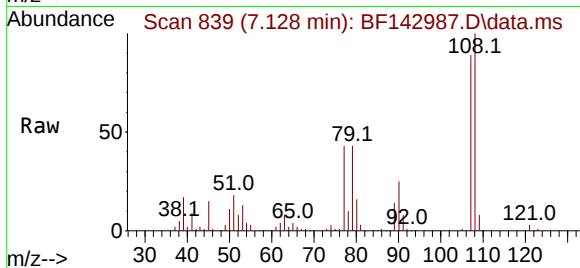


#17
2-Methylphenol
Concen: 38.358 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 117070

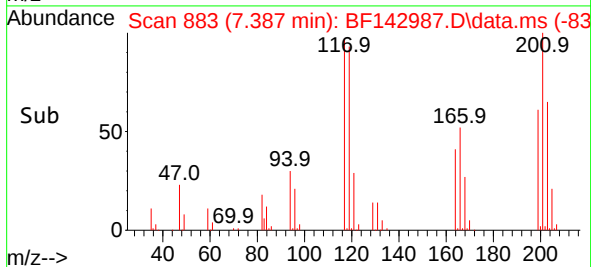
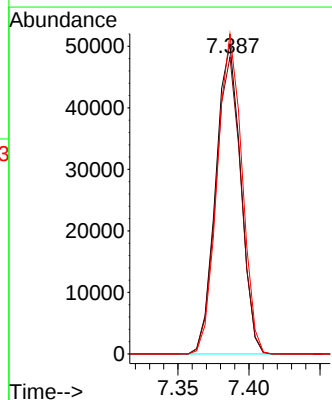
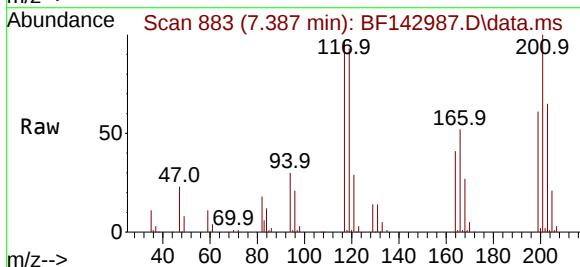
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	48.2	37.3	55.9
79	48.1	37.2	55.8



#18
Hexachloroethane
Concen: 38.672 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:117 Resp: 61470

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	103.2	75.9	113.9

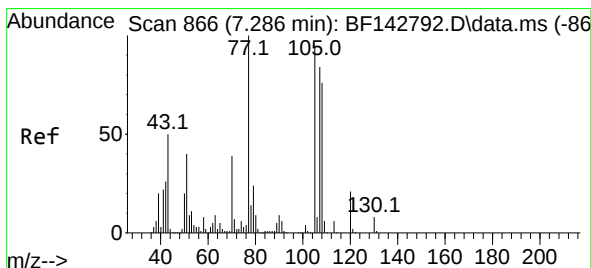
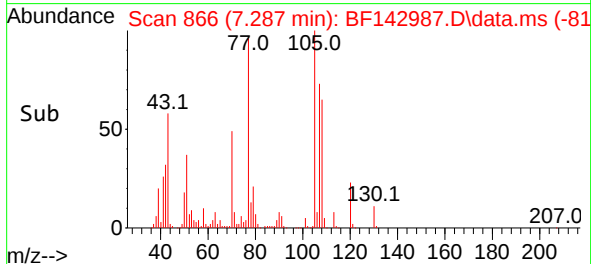
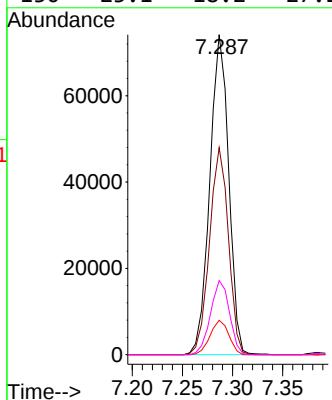
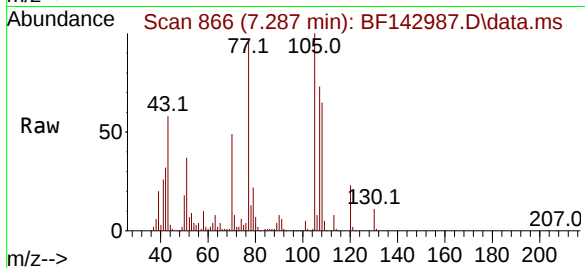




#19
n-Nitroso-di-n-propylamine
Concen: 37.974 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

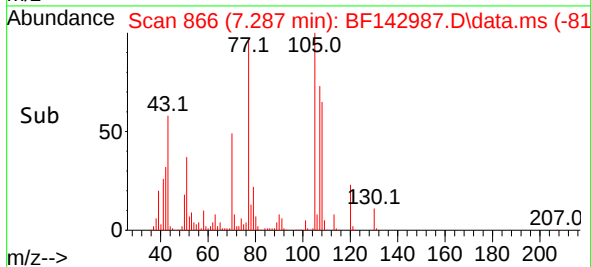
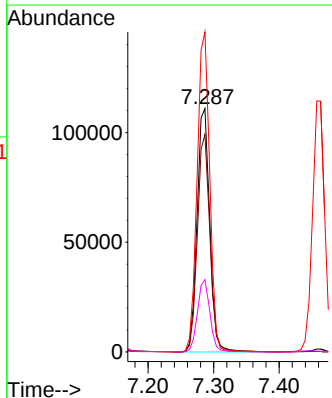
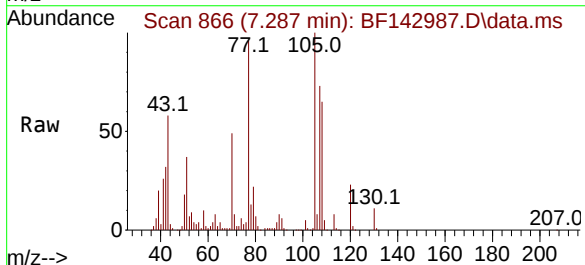
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

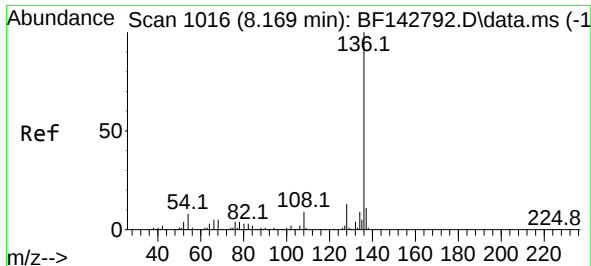
Tgt Ion:	70	Resp:	97286
Ion Ratio	Lower	Upper	
70	100		
42	64.7	52.1	78.1
101	10.8	8.2	12.2
130	23.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.355 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:	107	Resp:	149761
Ion Ratio	Lower	Upper	
107	100		
108	89.4	70.0	110.0
77	131.5	98.5	138.5
79	29.7	8.8	48.8

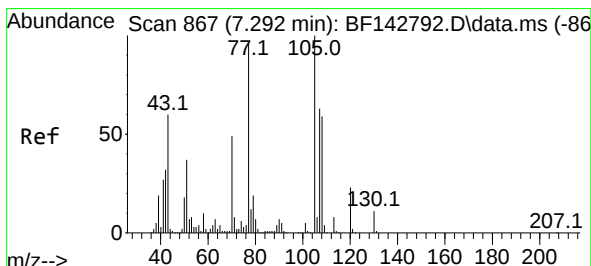
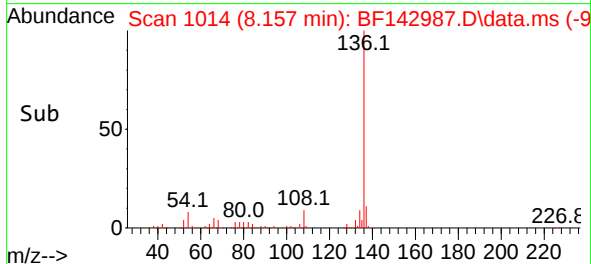
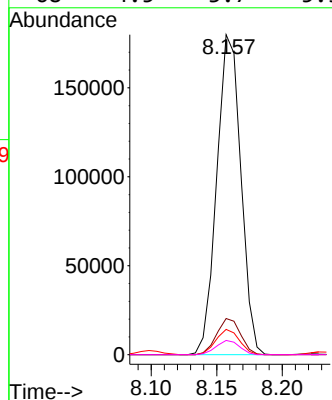
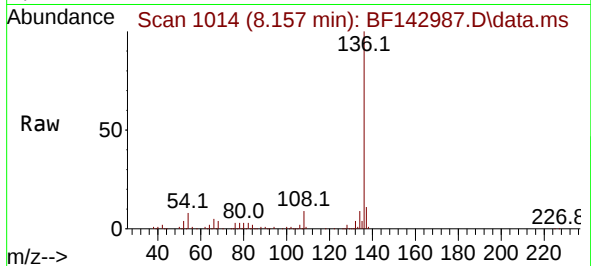




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

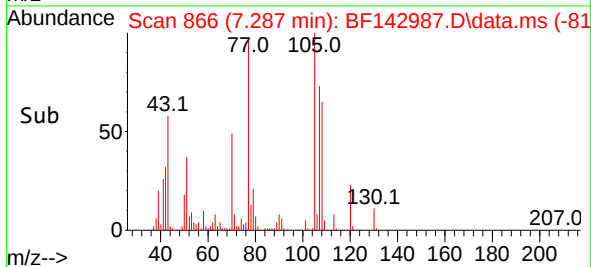
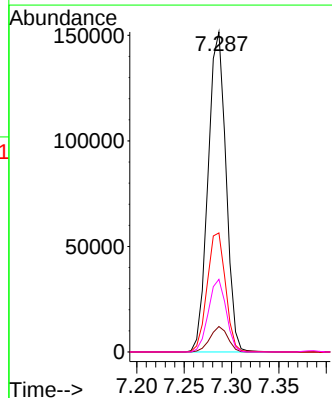
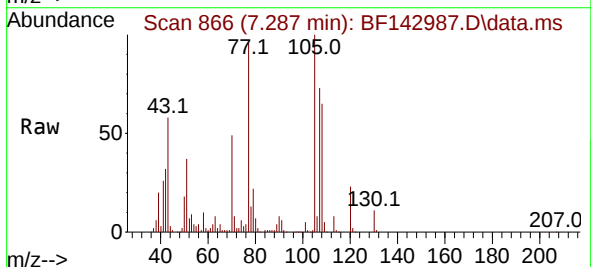
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

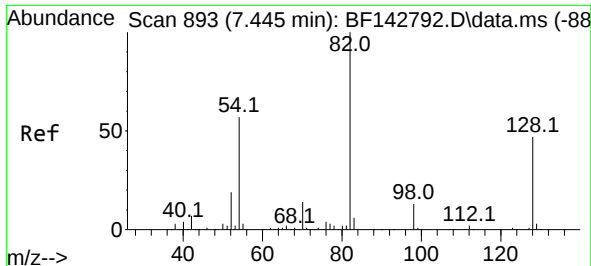
Tgt Ion:136 Resp: 229765
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.9 6.3 9.5
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 39.417 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:105 Resp: 199714
Ion Ratio Lower Upper
105 100
71 8.0 6.5 9.7
51 37.2 29.8 44.8
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 84.085 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

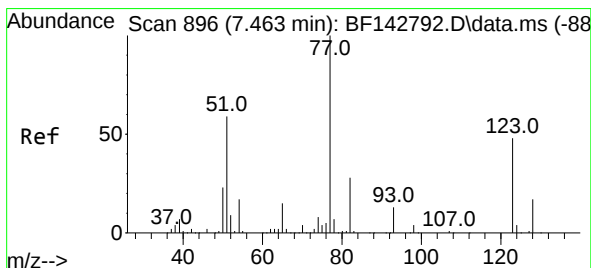
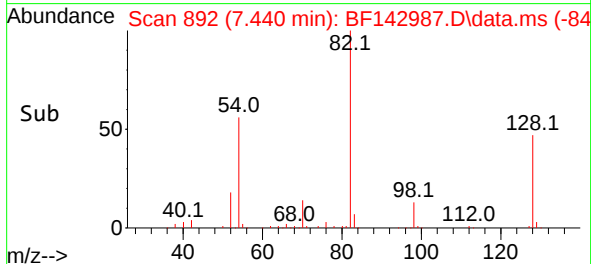
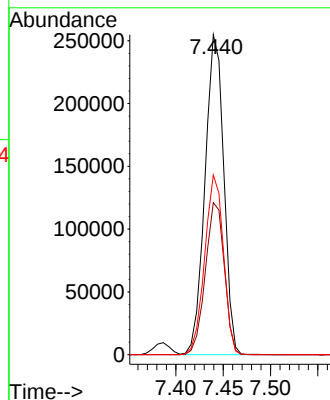
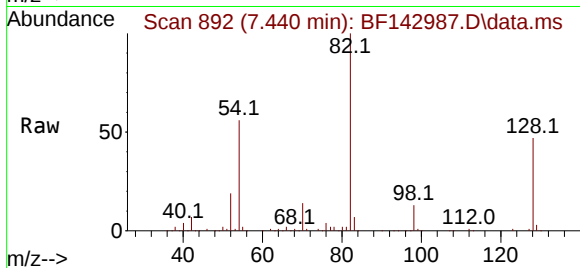
Tgt Ion: 82 Resp: 352226

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 56.2 45.7 68.5



#24

Nitrobenzene

Concen: 38.653 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

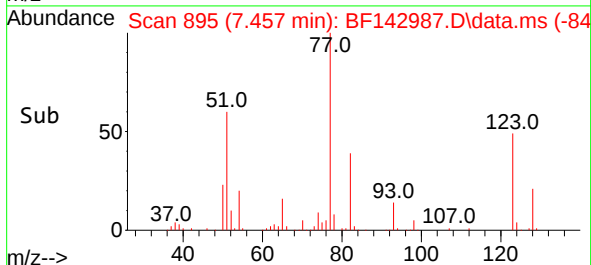
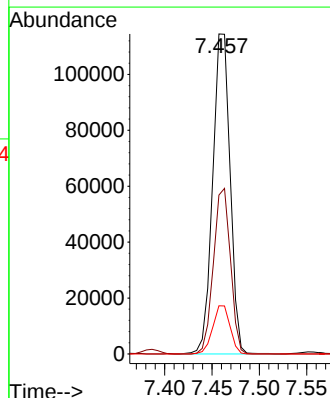
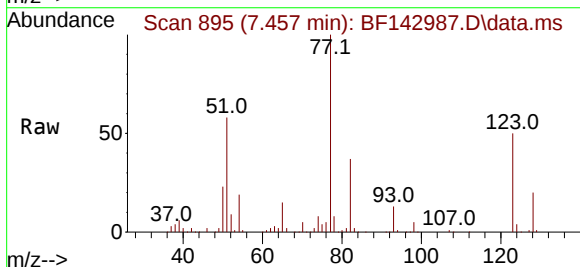
Tgt Ion: 77 Resp: 146546

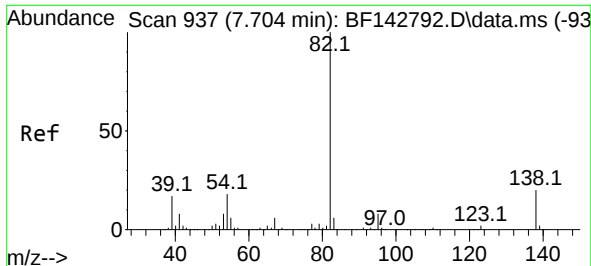
Ion Ratio Lower Upper

77 100

123 49.7 39.2 58.8

65 15.0 11.6 17.4

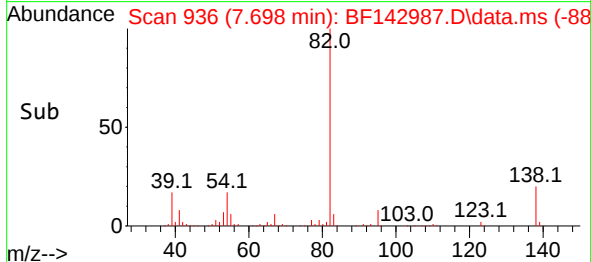
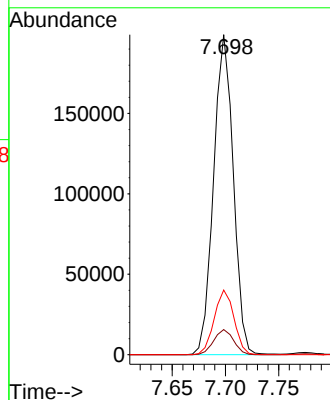
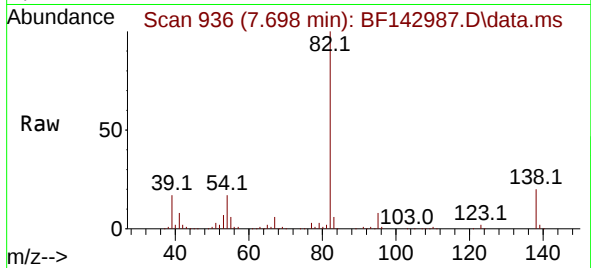




#25
Isophorone
Concen: 38.016 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

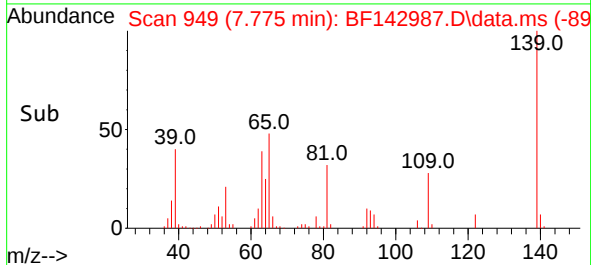
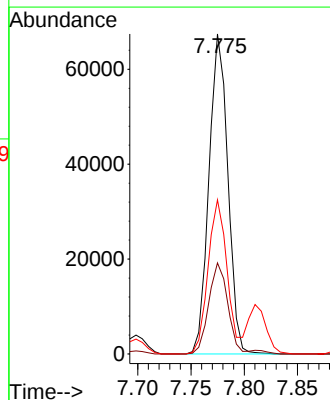
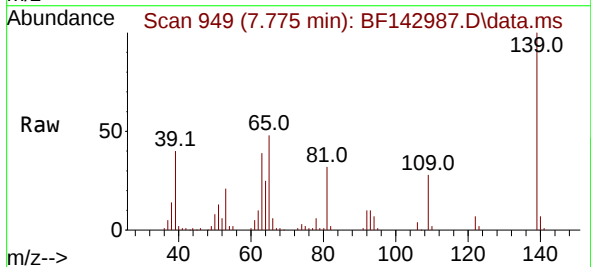
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

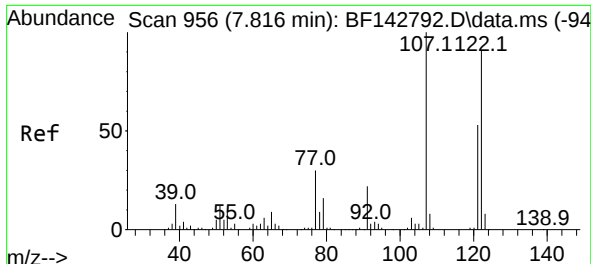
Tgt Ion: 82 Resp: 255453
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 40.290 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 139 Resp: 83211
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 48.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 36.981 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

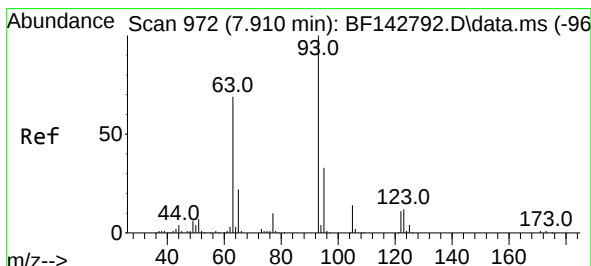
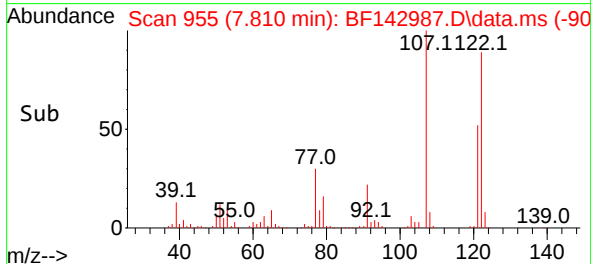
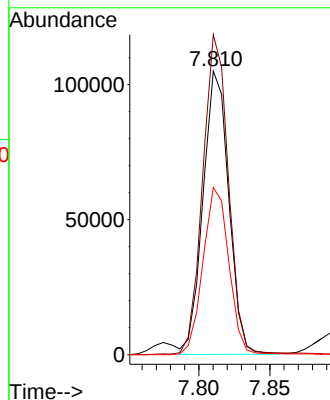
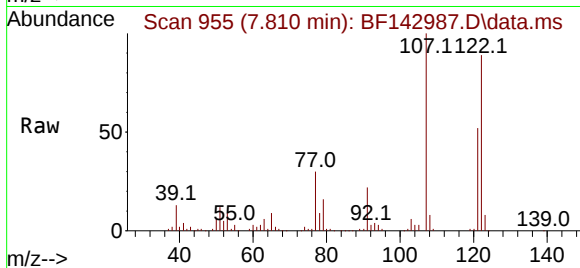
Tgt Ion:122 Resp: 132297

Ion Ratio Lower Upper

122 100

107 112.8 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.772 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

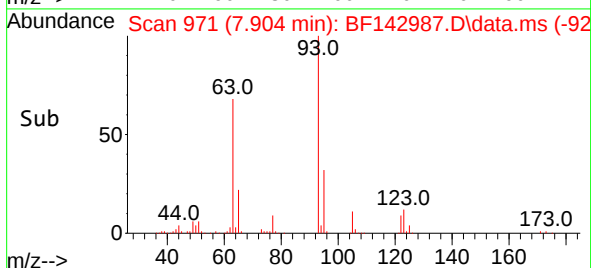
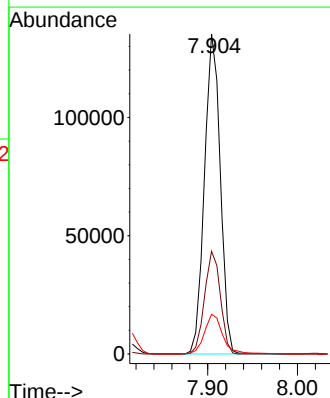
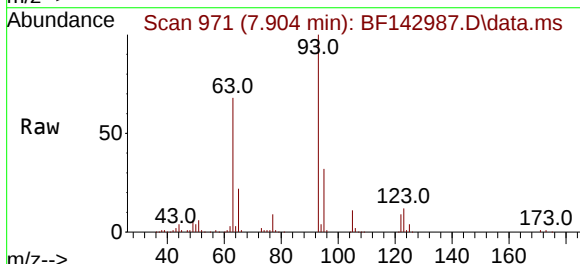
Tgt Ion: 93 Resp: 165636

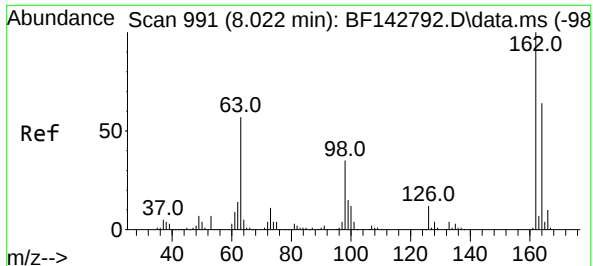
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.871 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

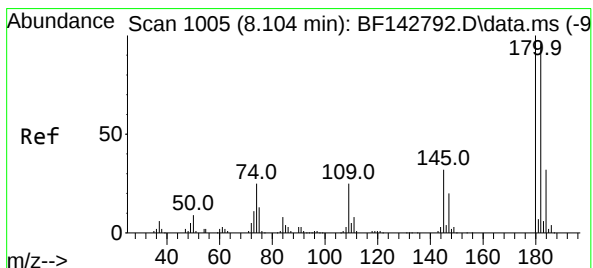
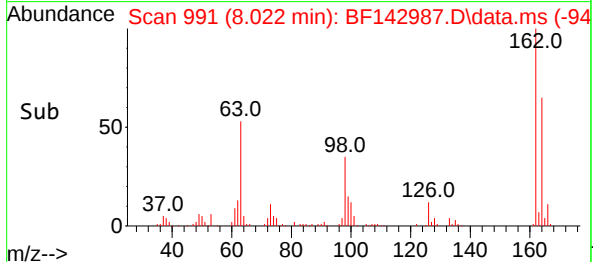
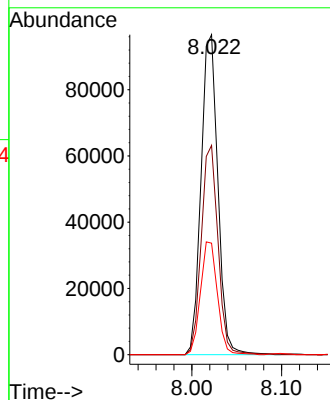
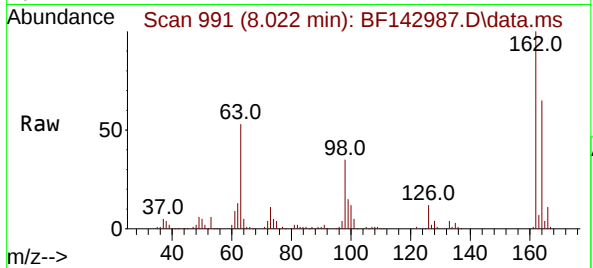
Tgt Ion:162 Resp: 126088

Ion Ratio Lower Upper

162 100

164 65.4 44.0 84.0

98 34.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 38.968 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

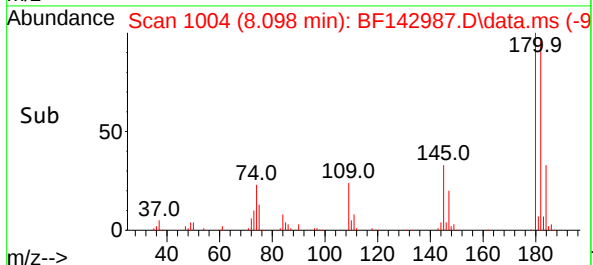
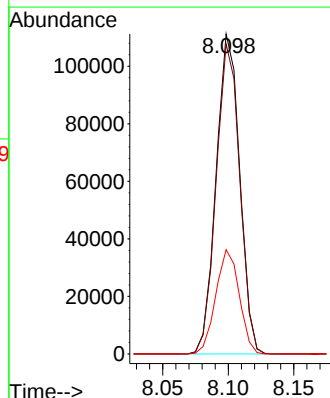
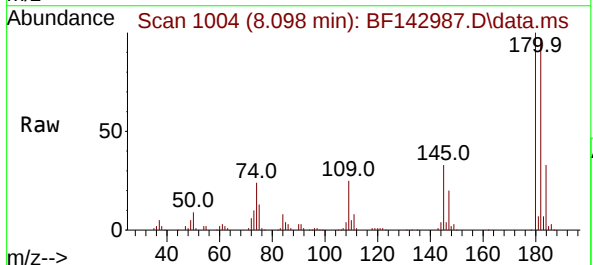
Tgt Ion:180 Resp: 138995

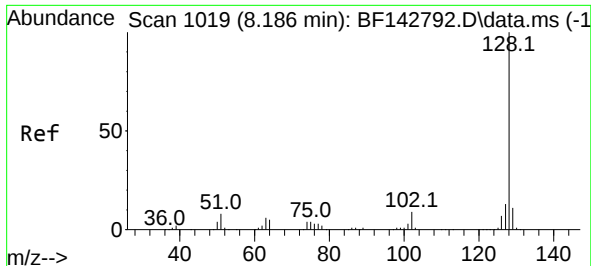
Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

145 32.6 25.8 38.8

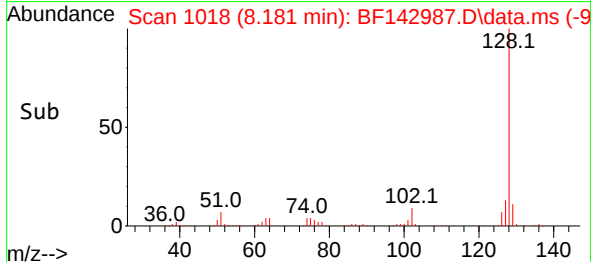
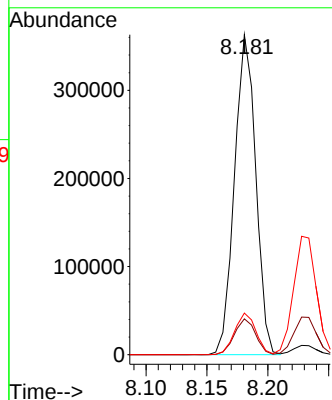
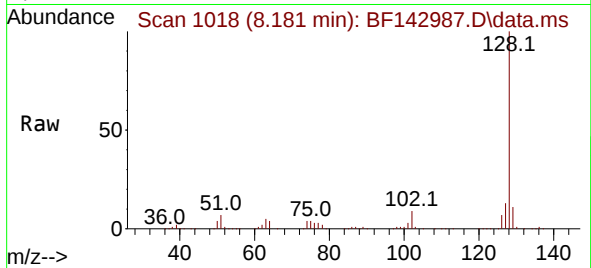




#31
Naphthalene
Concen: 39.221 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

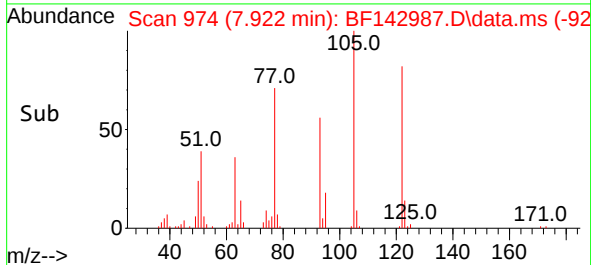
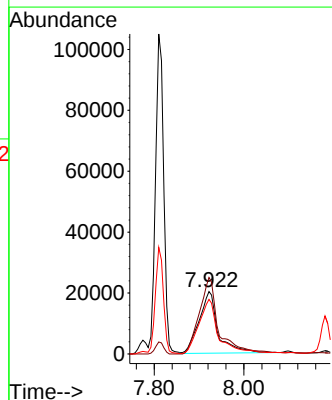
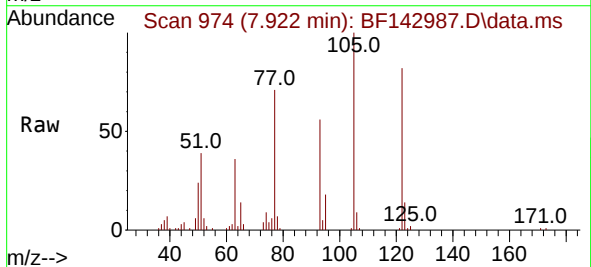
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

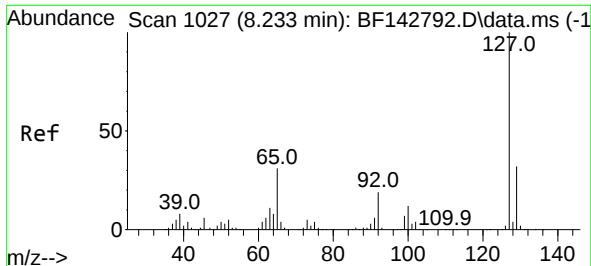
Tgt Ion:128 Resp: 441104
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 32.577 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:122 Resp: 59400
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 87.3 70.2 110.2



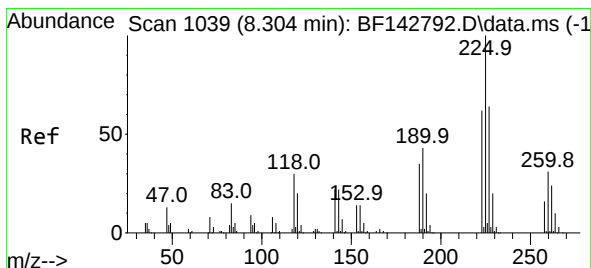
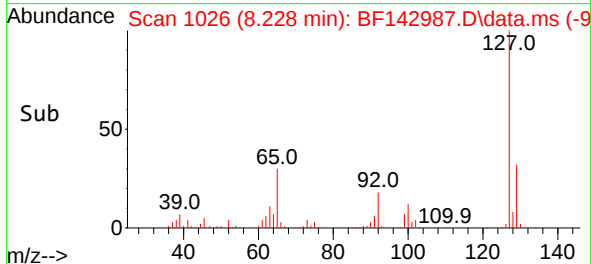
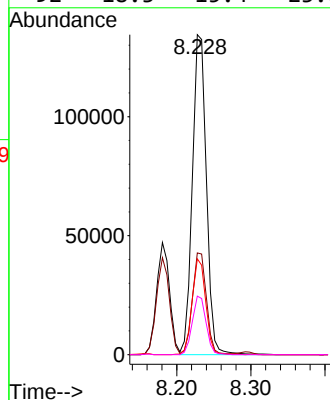
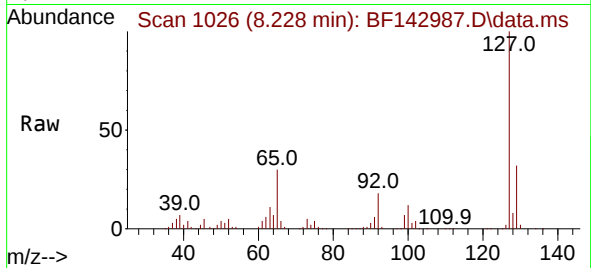


#33
4-Chloroaniline
Concen: 38.745 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 177185

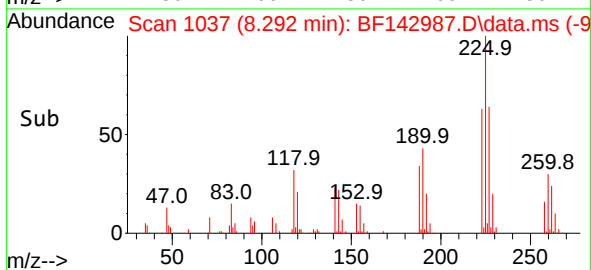
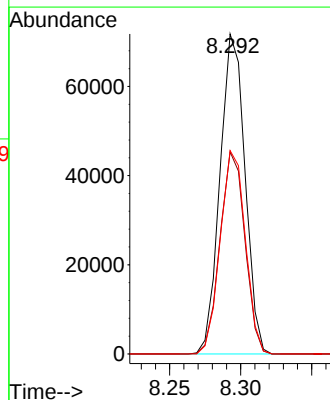
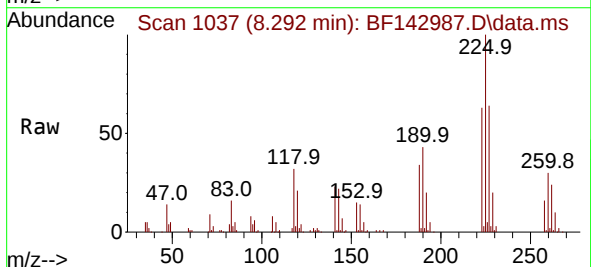
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.0	24.6	36.8
92	18.3	15.4	23.0

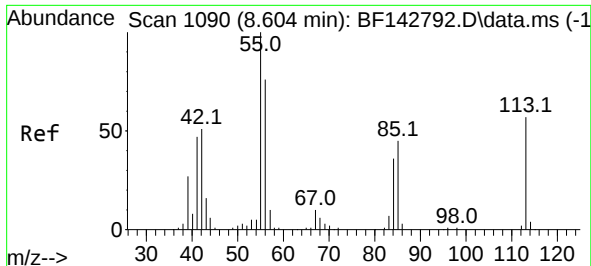


#34
Hexachlorobutadiene
Concen: 40.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:225 Resp: 87828

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.5	51.4	77.0

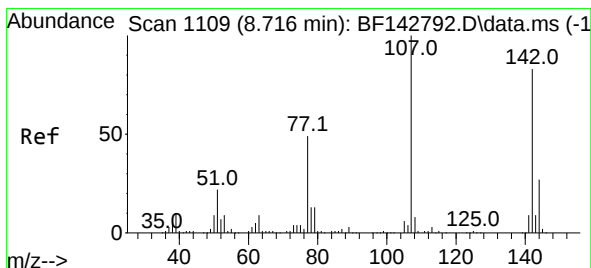
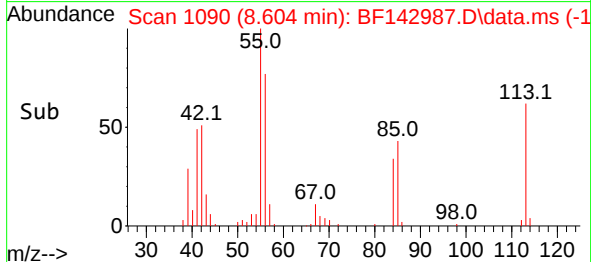
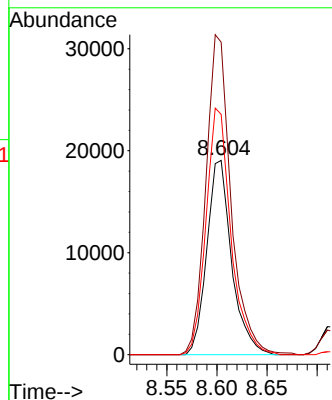
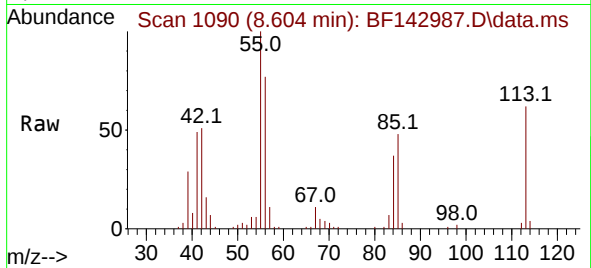




#35
 Caprolactam
 Concen: 38.365 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

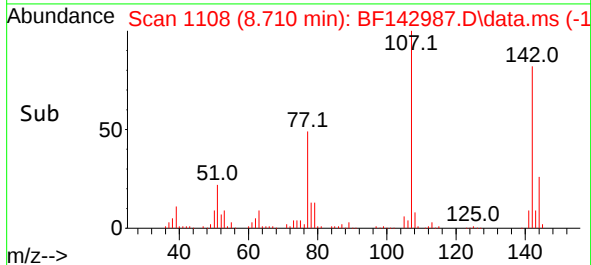
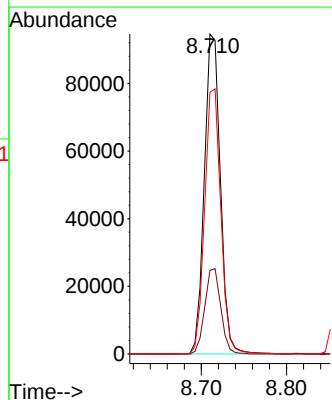
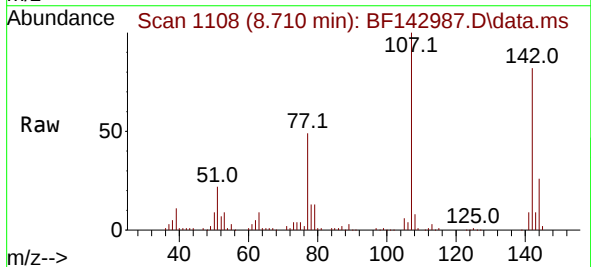
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

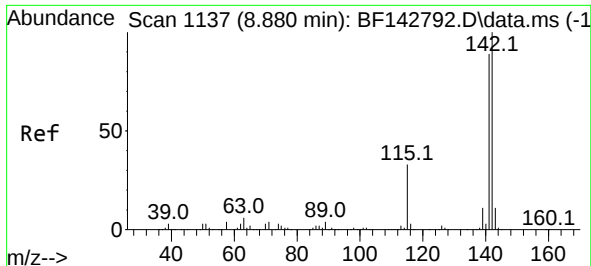
Tgt Ion:113 Resp: 32839
 Ion Ratio Lower Upper
 113 100
 55 160.8 154.4 194.4
 56 123.7 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.469 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Tgt Ion:107 Resp: 124017
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.3 31.9
 142 81.8 66.6 100.0





#37

2-Methylnaphthalene

Concen: 38.568 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

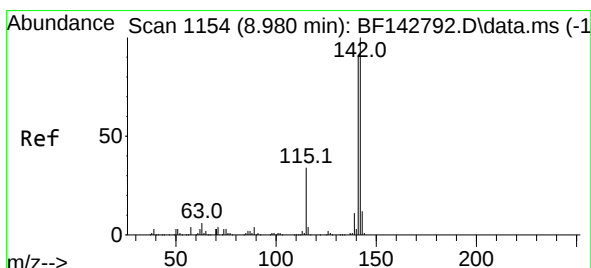
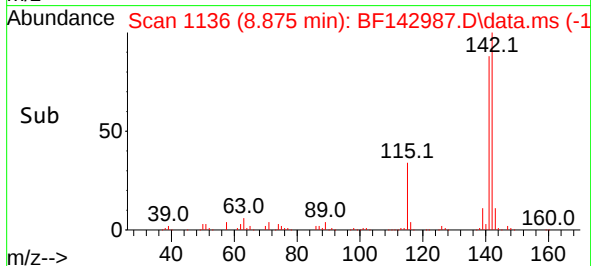
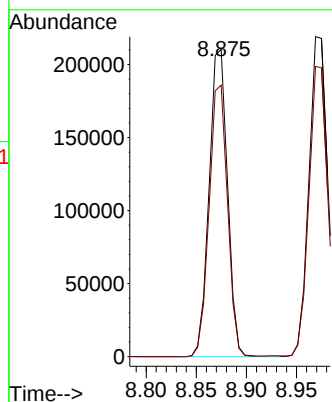
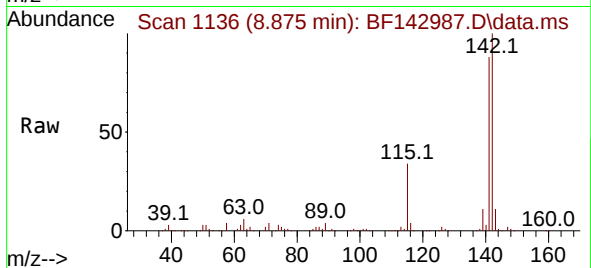
SSTDCCC040

Tgt Ion:142 Resp: 268912

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 38.914 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142987.D

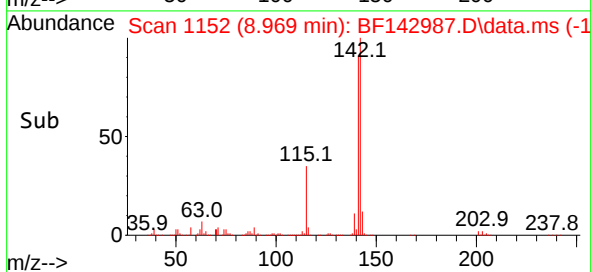
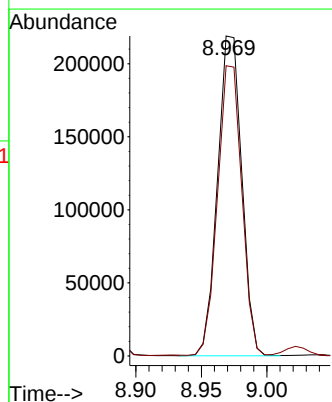
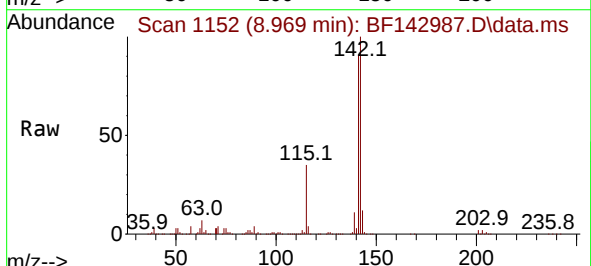
Acq: 03 Jul 2025 09:55

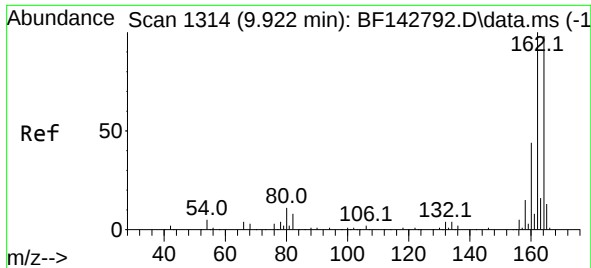
Tgt Ion:142 Resp: 280877

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

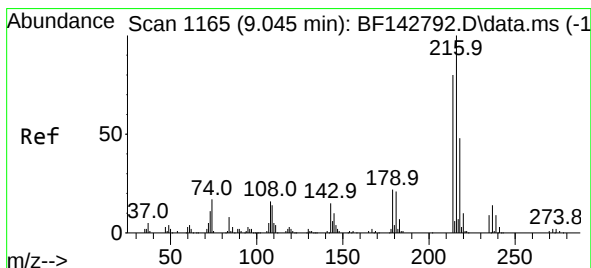
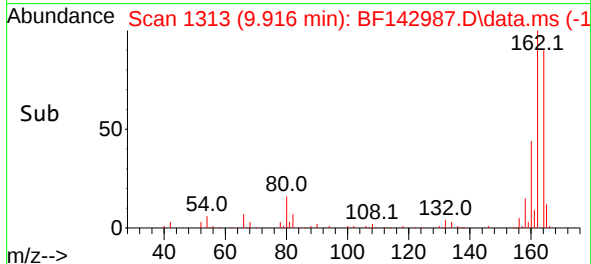
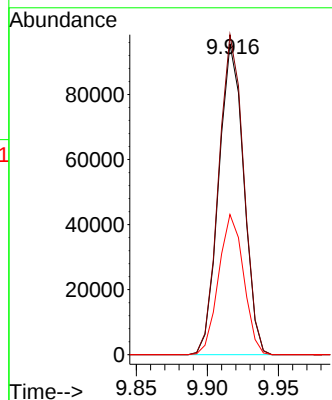
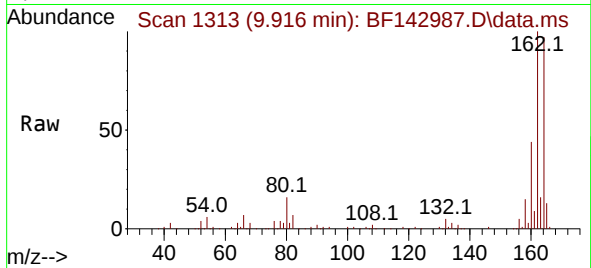




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

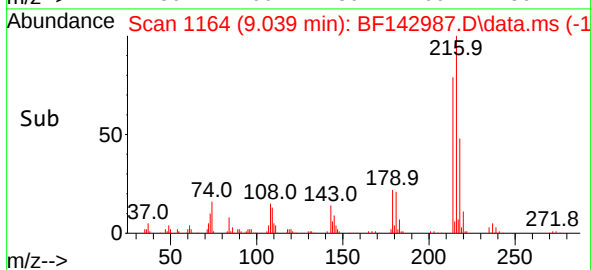
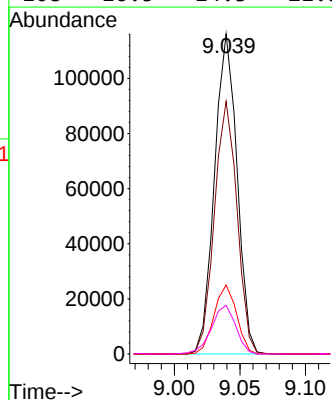
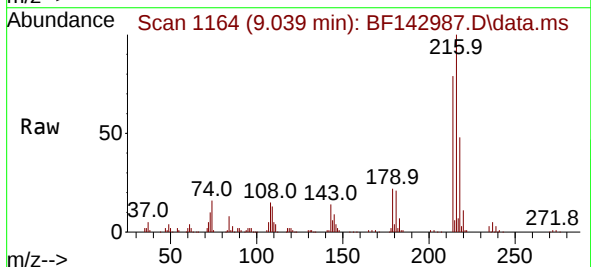
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

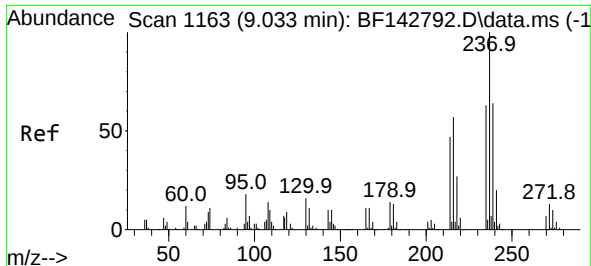
Tgt Ion:164 Resp: 116751
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.8
160 45.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.279 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:216 Resp: 138759
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.6 17.6 26.4
108 16.5 14.3 21.5

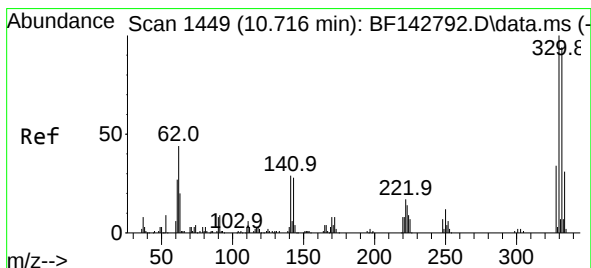
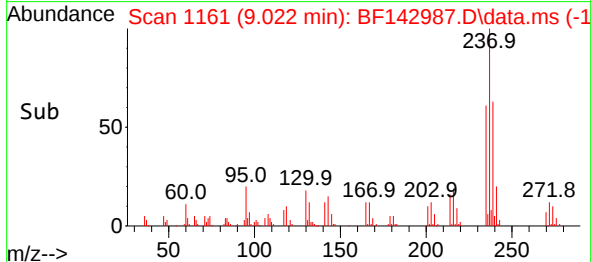
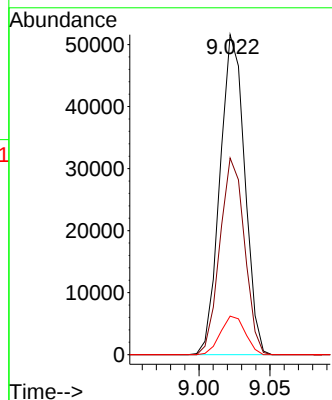
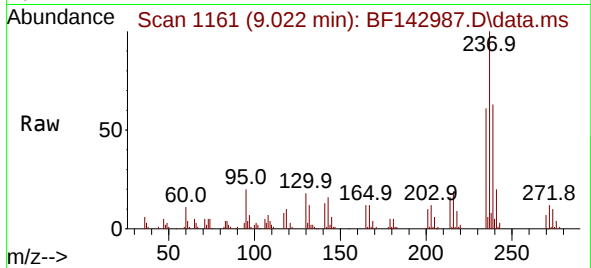




#41
Hexachlorocyclopentadiene
Concen: 31.960 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

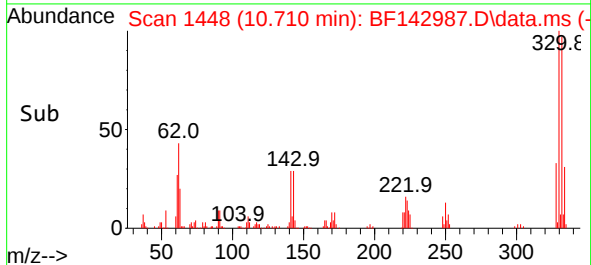
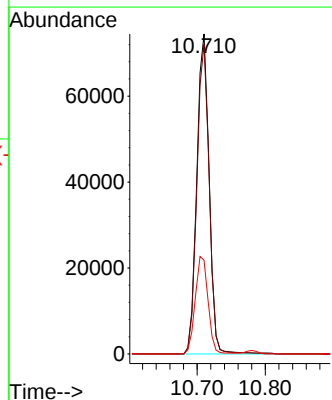
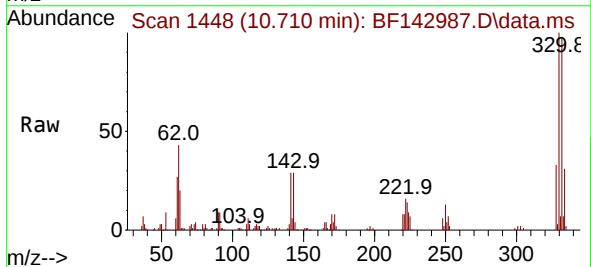
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

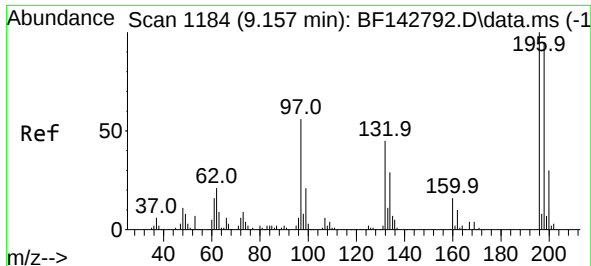
Tgt Ion:237 Resp: 62479
Ion Ratio Lower Upper
237 100
235 61.5 43.4 83.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 77.722 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:330 Resp: 93379
Ion Ratio Lower Upper
330 100
332 96.3 75.0 112.6
141 31.6 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 39.395 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

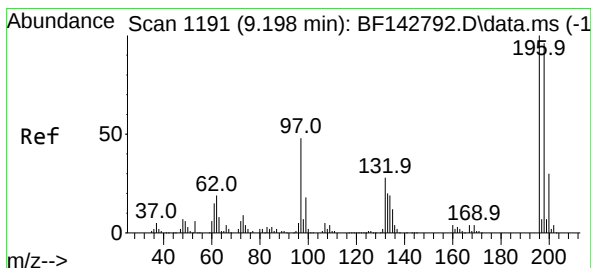
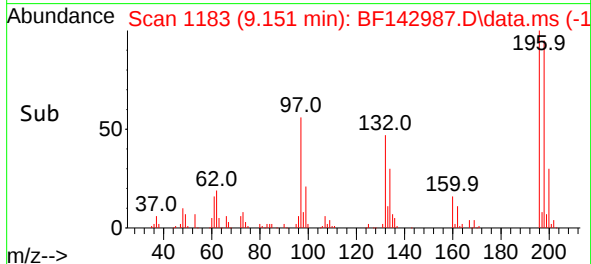
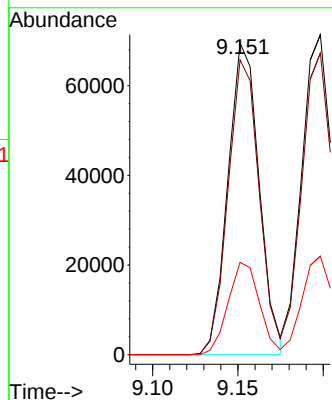
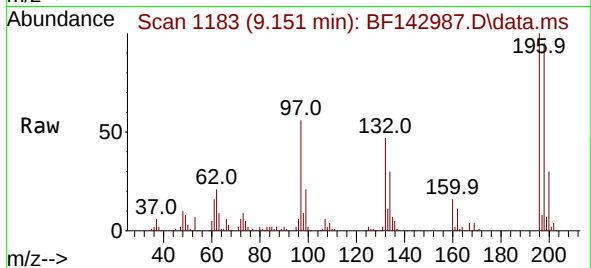
Tgt Ion:196 Resp: 88434

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

200 29.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 39.952 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Tgt Ion:196 Resp: 94408

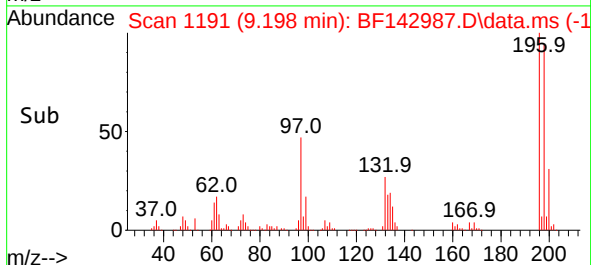
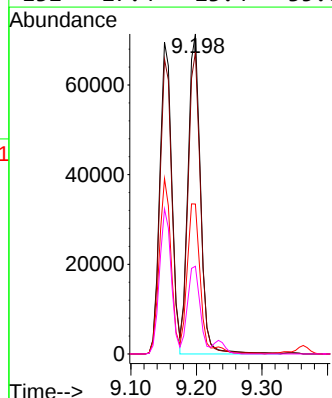
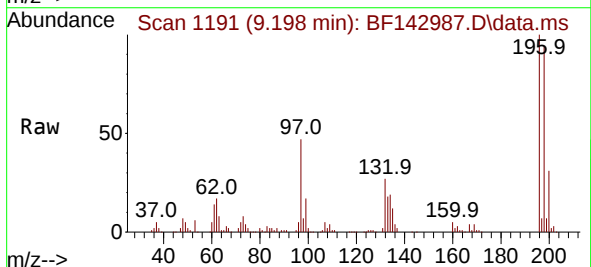
Ion Ratio Lower Upper

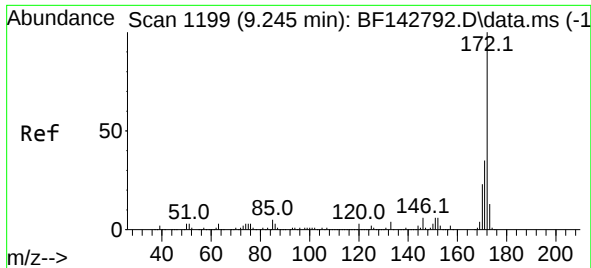
196 100

198 94.2 76.6 115.0

97 46.9 38.2 57.2

132 27.4 23.4 35.0

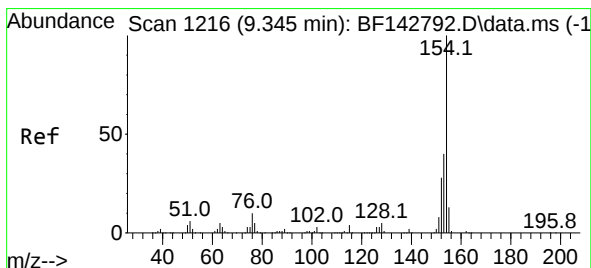
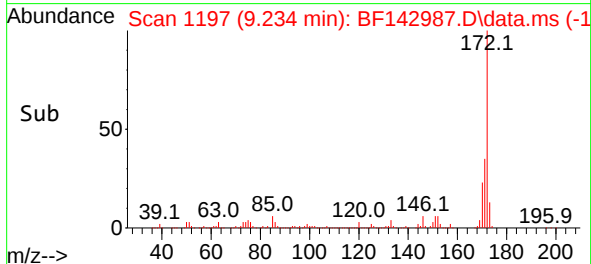
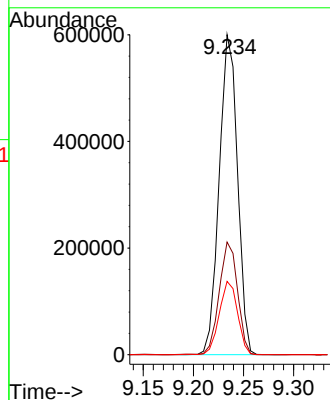
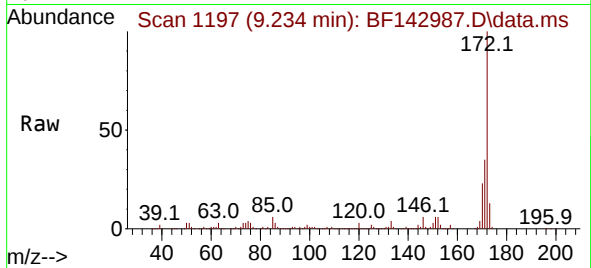




#45
2-Fluorobiphenyl
Concen: 85.464 ng
RT: 9.234 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

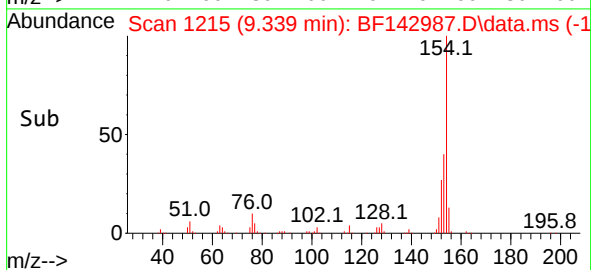
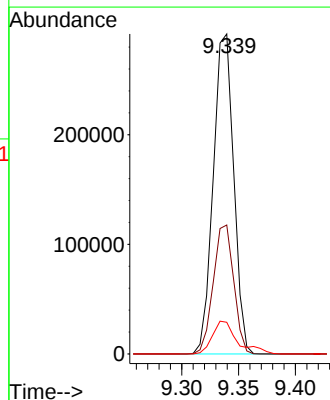
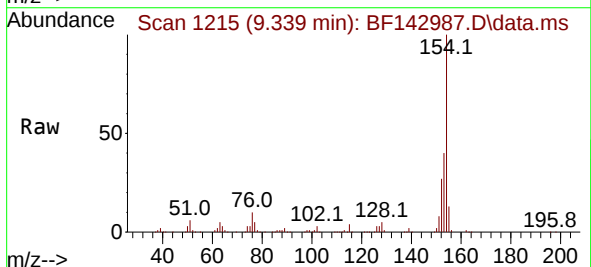
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

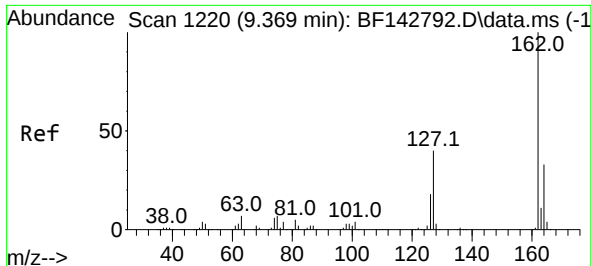
Tgt Ion:172 Resp: 759551
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 39.652 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:154 Resp: 365699
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 9.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 39.486 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

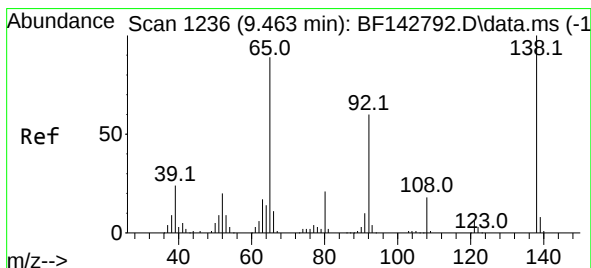
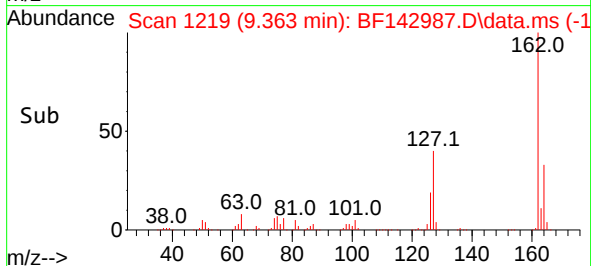
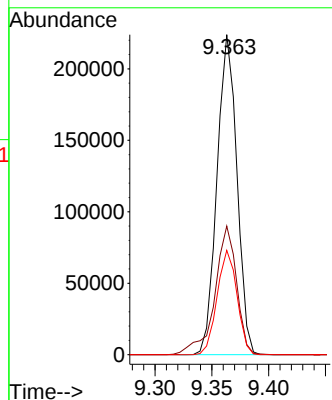
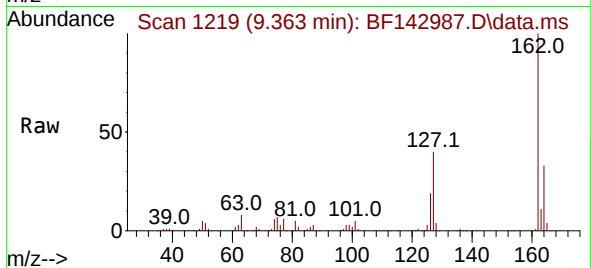
Tgt Ion:162 Resp: 273280

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 38.861 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

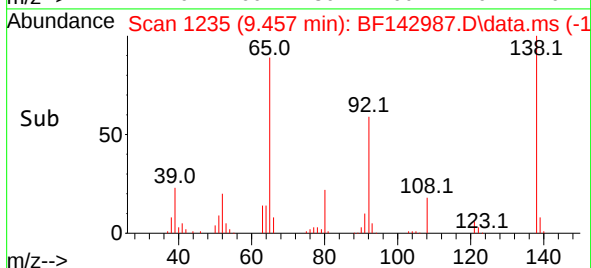
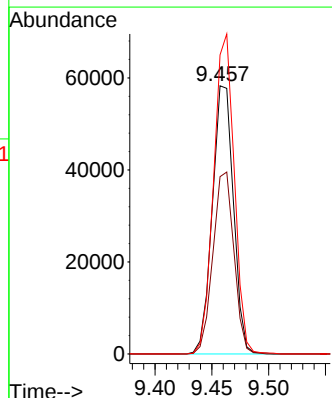
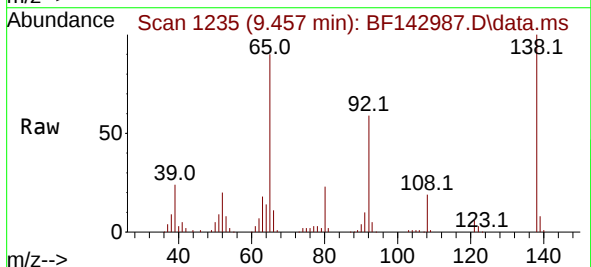
Tgt Ion: 65 Resp: 75404

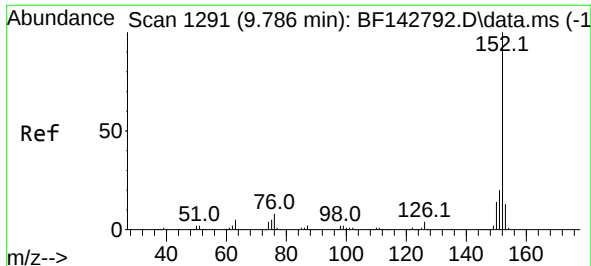
Ion Ratio Lower Upper

65 100

92 66.1 53.8 80.6

138 111.5 89.6 134.4





#49

Acenaphthylene

Concen: 38.927 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

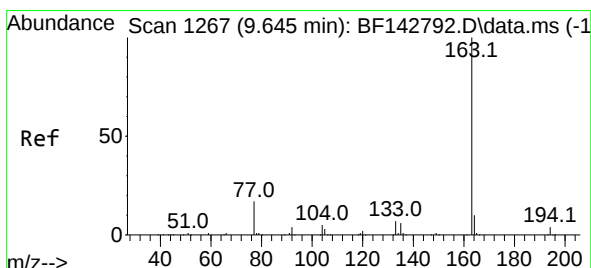
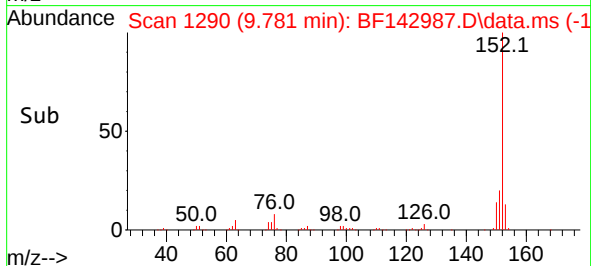
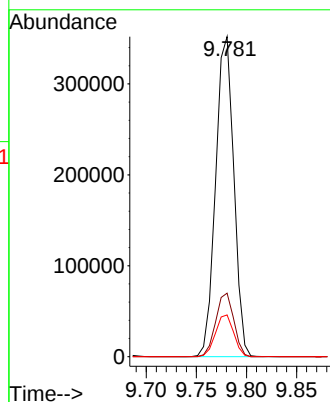
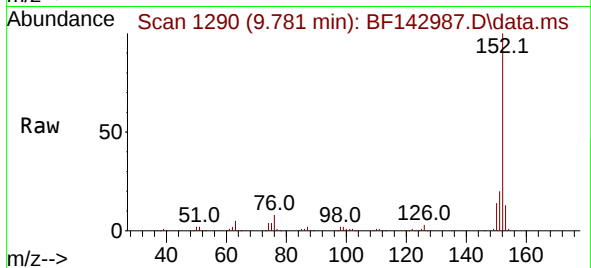
Tgt Ion:152 Resp: 443510

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 39.472 ng

RT: 9.634 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

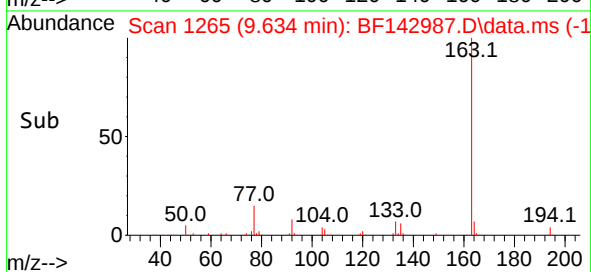
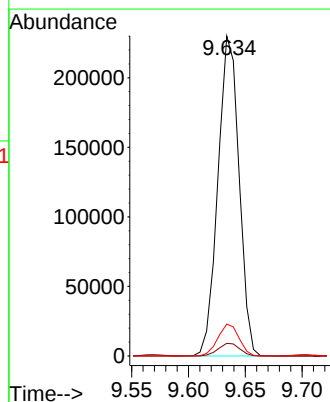
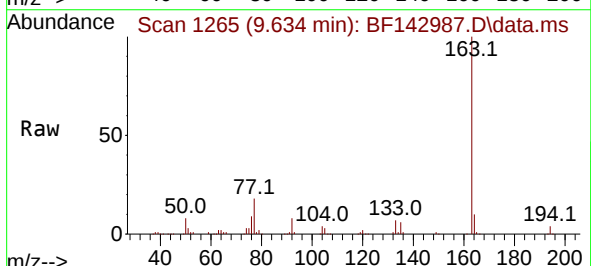
Tgt Ion:163 Resp: 298300

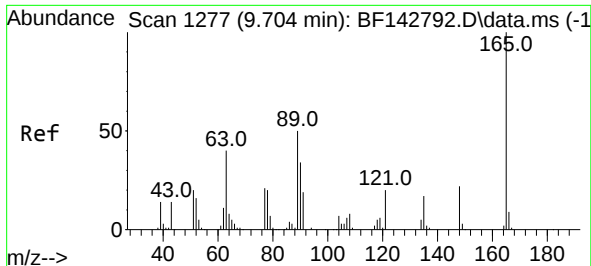
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.133 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

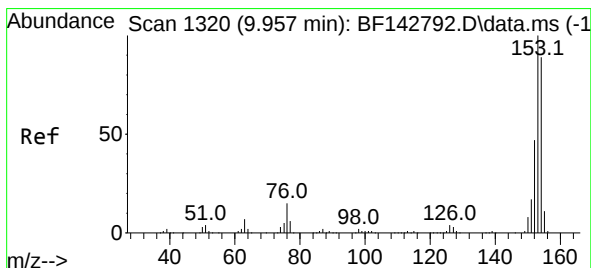
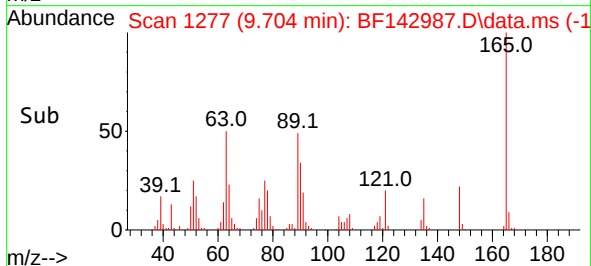
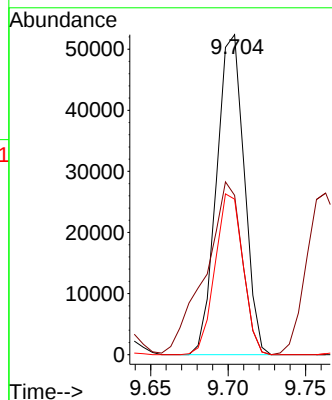
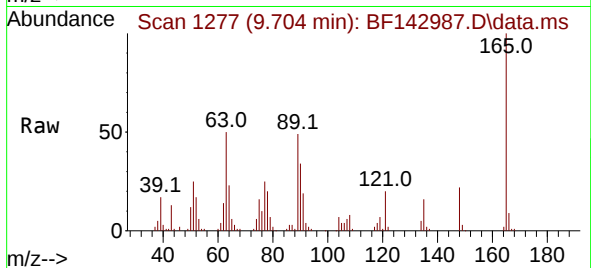
Tgt Ion:165 Resp: 64947

Ion Ratio Lower Upper

165 100

63 49.8 44.2 66.4

89 48.6 39.8 59.8



#52

Acenaphthene

Concen: 37.049 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

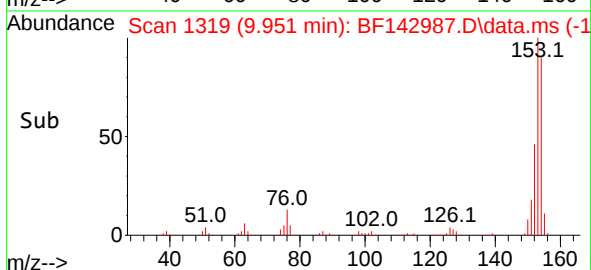
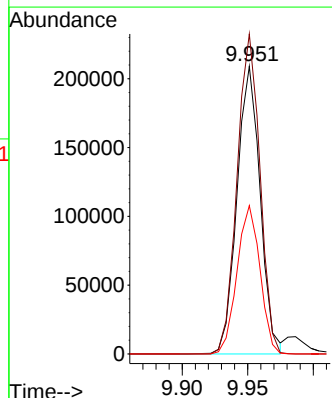
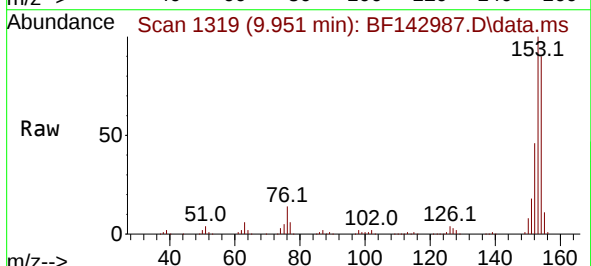
Tgt Ion:154 Resp: 257543

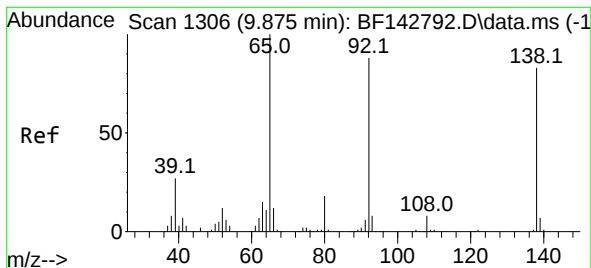
Ion Ratio Lower Upper

154 100

153 111.2 90.0 135.0

152 51.6 41.9 62.9





#53

3-Nitroaniline

Concen: 38.765 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

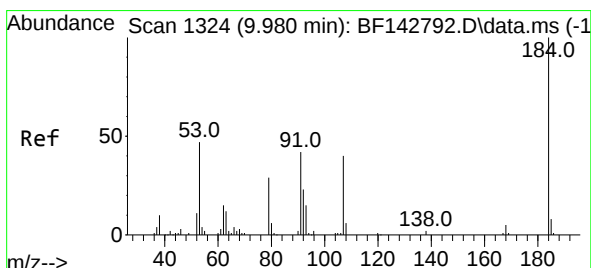
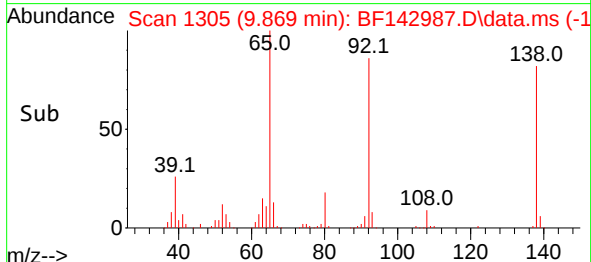
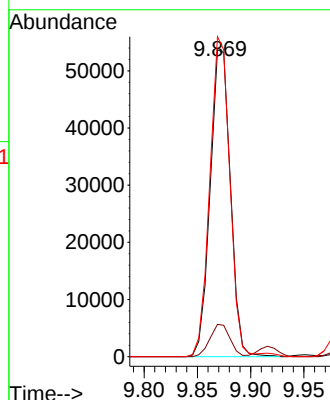
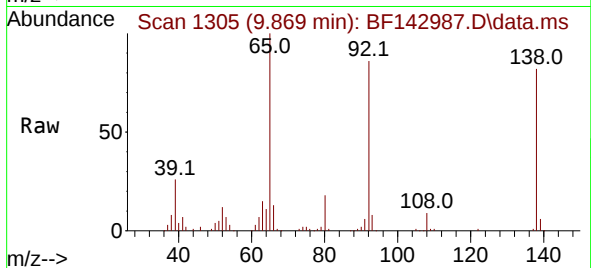
Tgt Ion:138 Resp: 70835

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

92 104.3 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 36.773 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

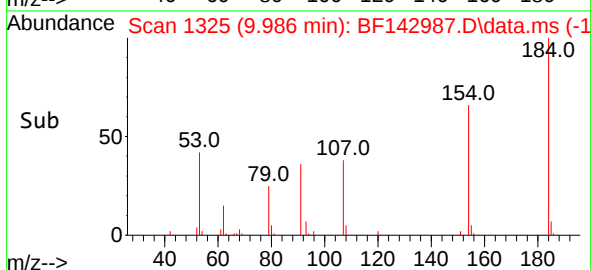
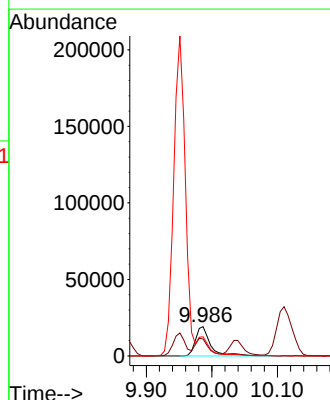
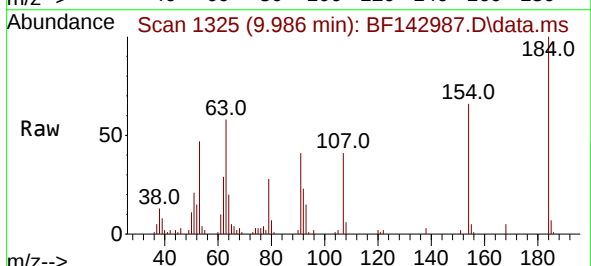
Tgt Ion:184 Resp: 30559

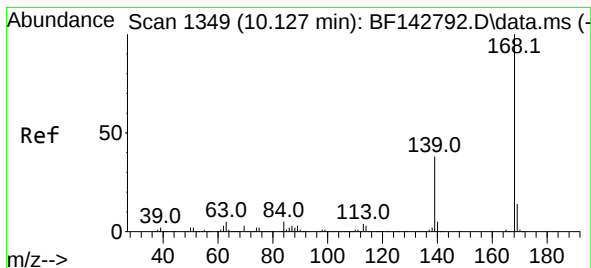
Ion Ratio Lower Upper

184 100

63 58.2 50.6 75.8

154 65.6 51.8 77.8





#55

Dibenzenofuran

Concen: 38.246 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

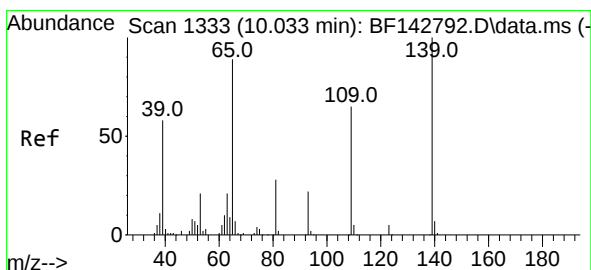
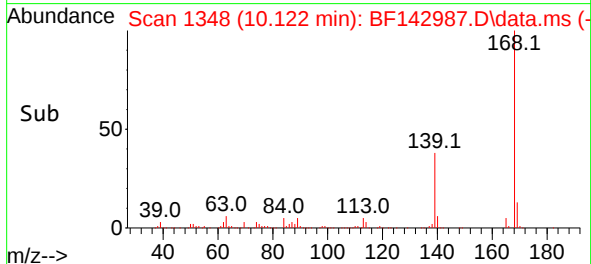
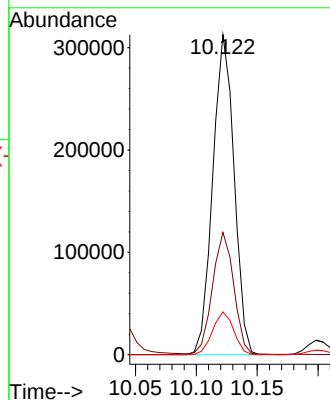
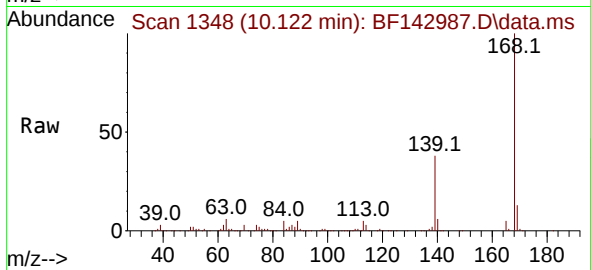
Tgt Ion:168 Resp: 381239

Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 42.156 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

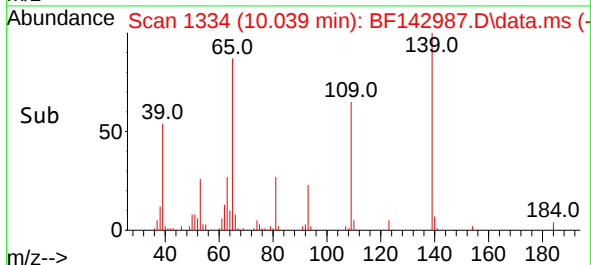
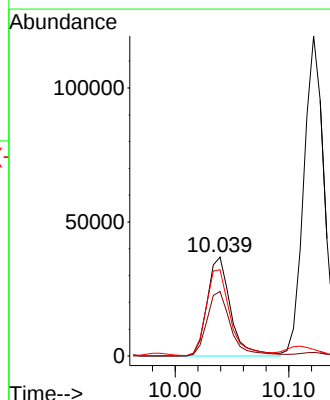
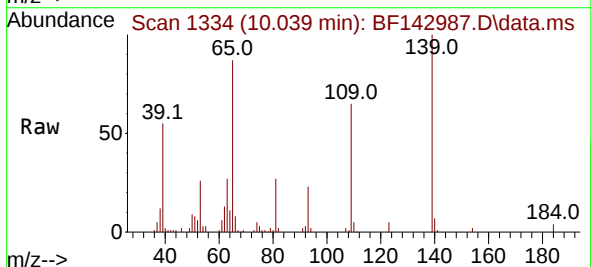
Tgt Ion:139 Resp: 52736

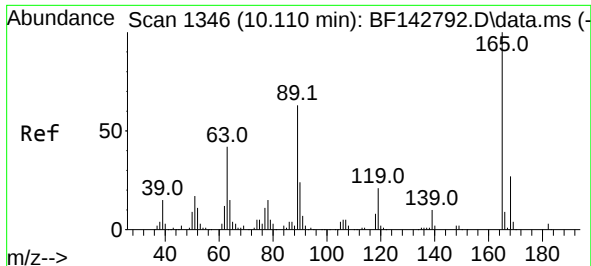
Ion Ratio Lower Upper

139 100

109 65.2 44.7 84.7

65 87.2 69.8 109.8

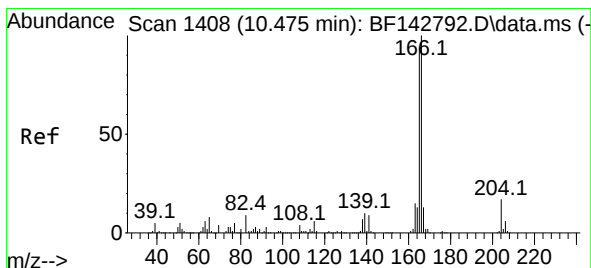
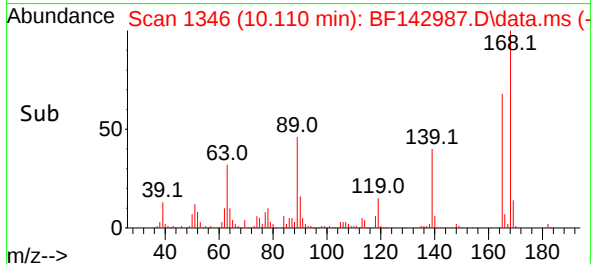
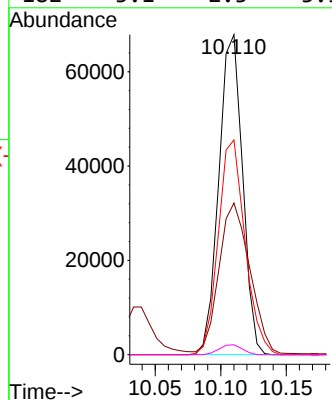
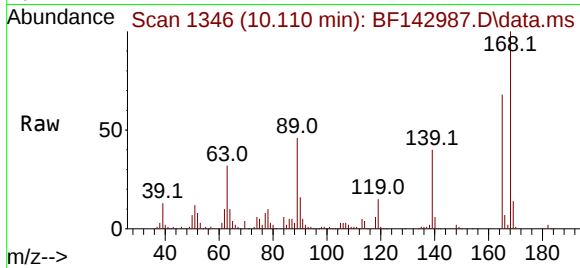




#57
2,4-Dinitrotoluene
Concen: 38.668 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

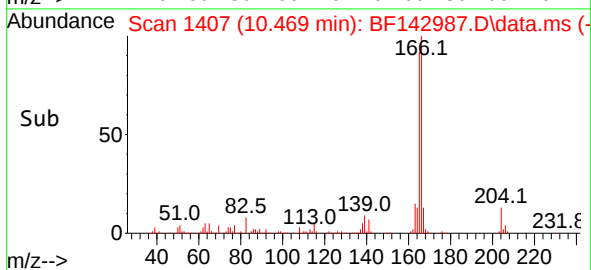
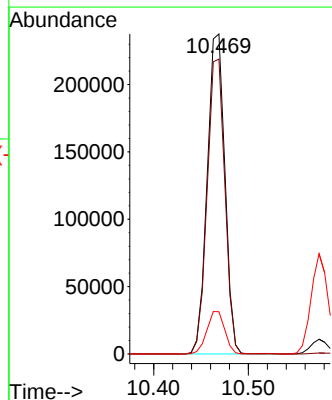
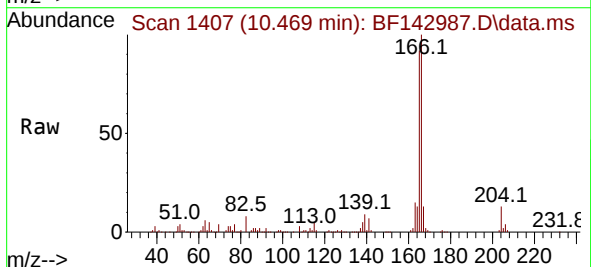
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 85245
Ion Ratio Lower Upper
165 100
63 47.4 33.9 50.9
89 67.1 50.6 75.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 39.535 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:166 Resp: 307774
Ion Ratio Lower Upper
166 100
165 92.2 75.2 112.8
167 13.2 10.6 15.8

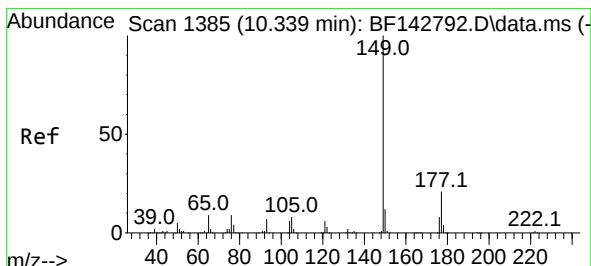
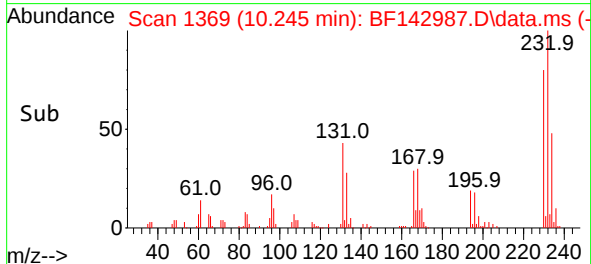
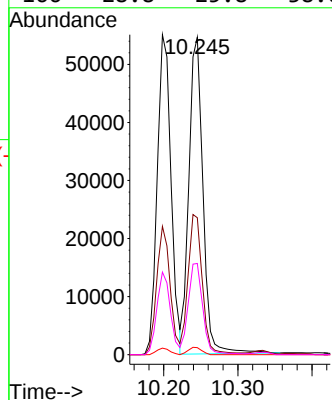
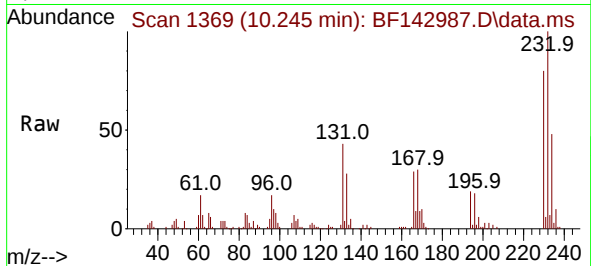




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.026 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

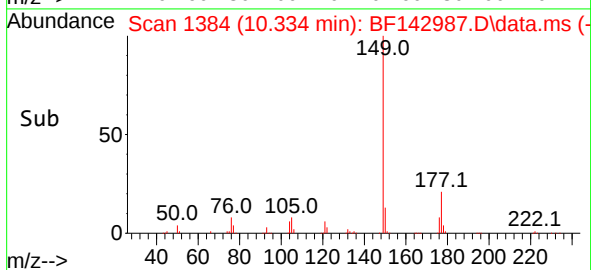
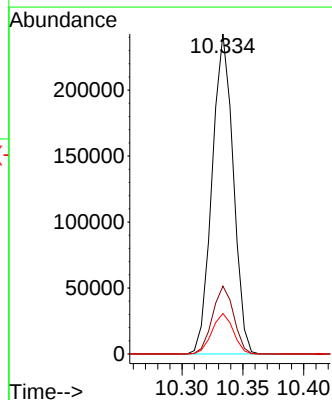
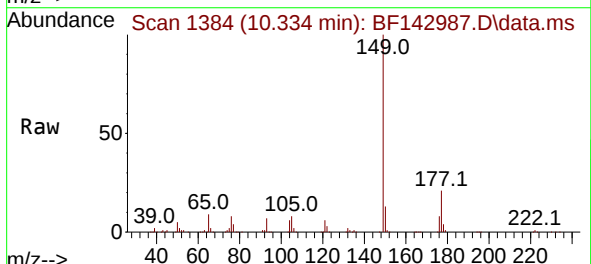
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

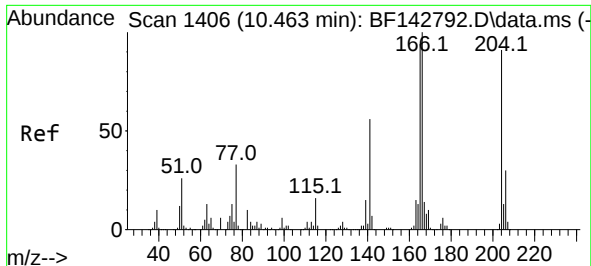
Tgt Ion:232 Resp: 72431
Ion Ratio Lower Upper
232 100
131 44.3 37.6 56.4
130 2.2 1.7 2.5
166 28.8 25.8 38.6



#60
Diethylphthalate
Concen: 39.592 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:149 Resp: 293374
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.7 9.8 14.6

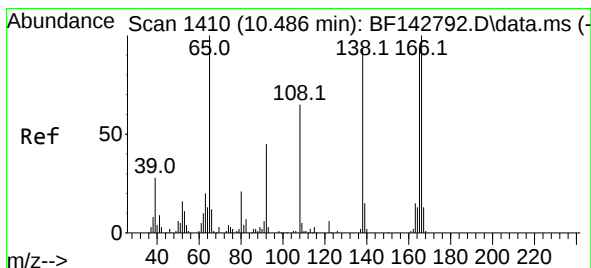
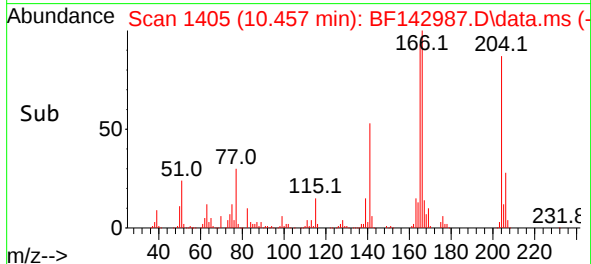
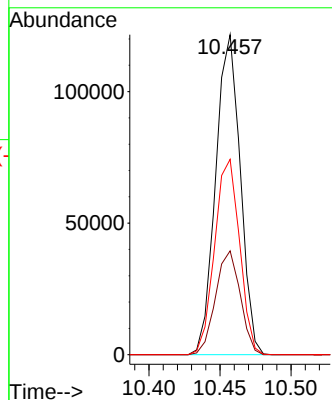
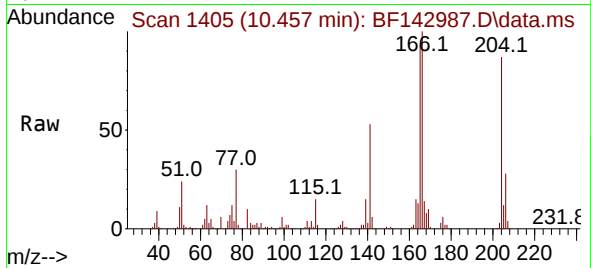




#61
4-Chlorophenyl-phenylether
Concen: 39.414 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

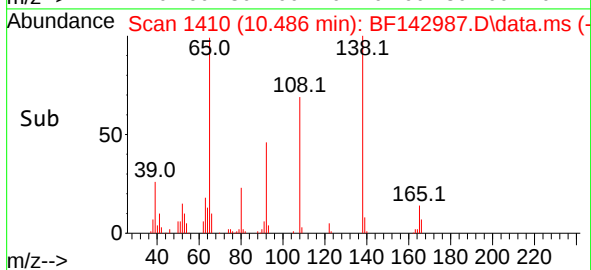
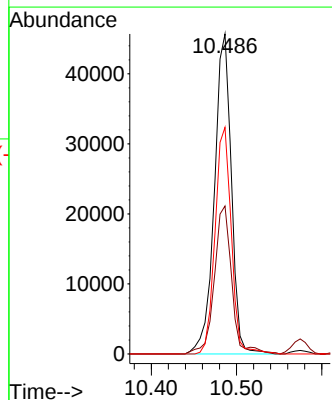
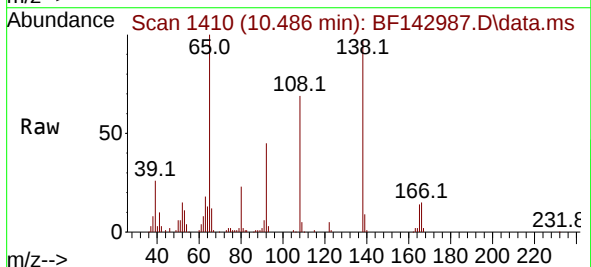
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

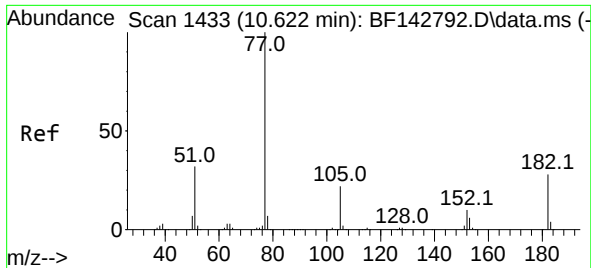
Tgt Ion:204 Resp: 146416
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 61.1 49.1 73.7



#62
4-Nitroaniline
Concen: 37.809 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:138 Resp: 63187
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 70.8 50.2 90.2

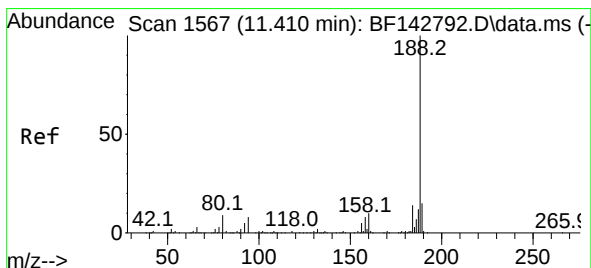
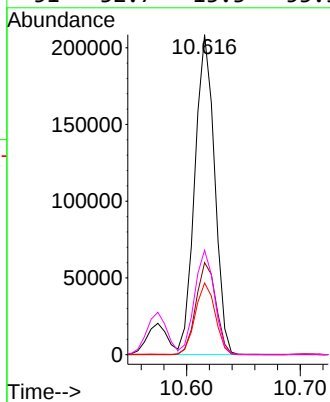
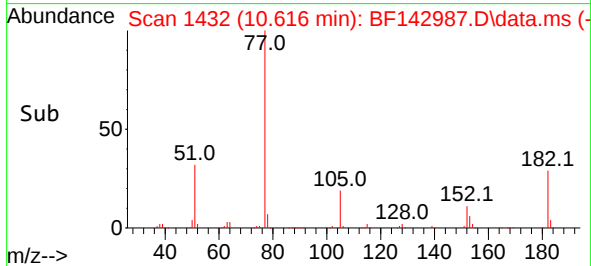
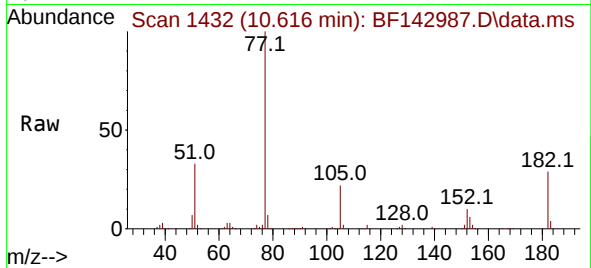




#63
Azobenzene
Concen: 37.889 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

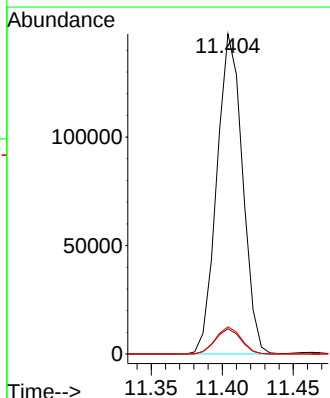
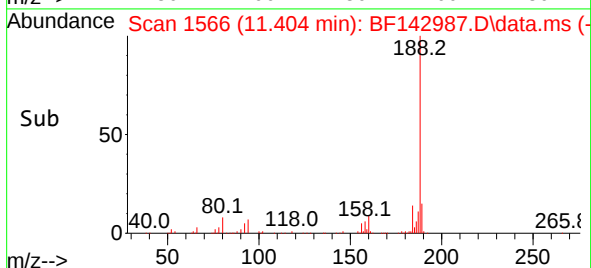
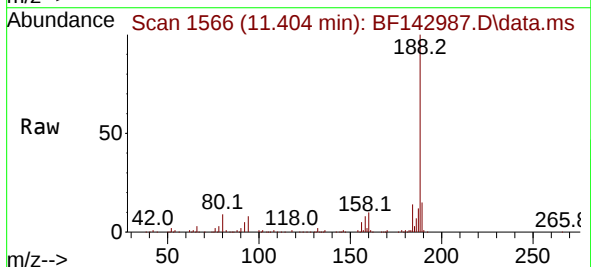
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

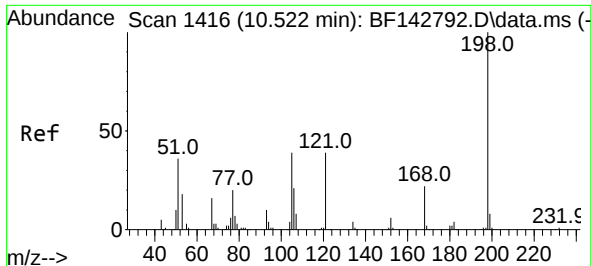
Tgt Ion: 77	Resp: 250925
Ion Ratio	Lower Upper
77 100	
182 28.8	7.7 47.7
105 22.4	1.9 41.9
51 32.7	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt	Ion:188	Resp:	185461
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.5	6.9	10.3

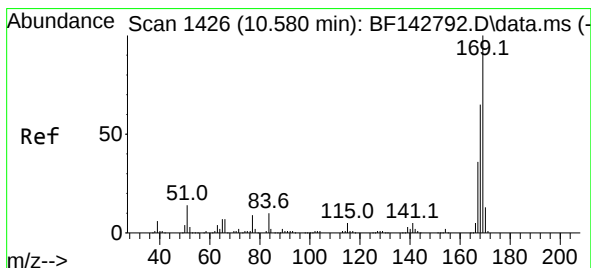
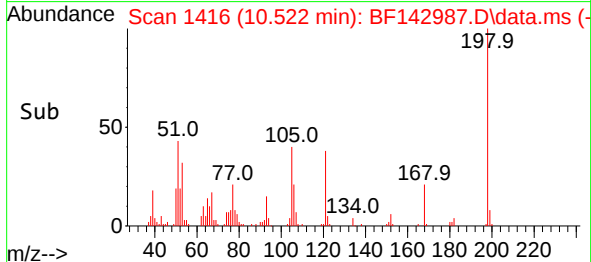
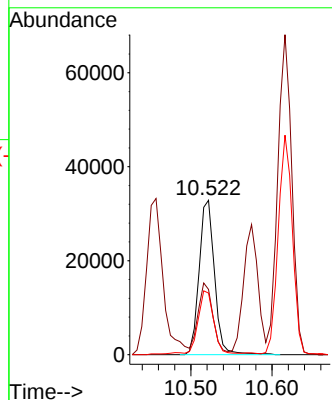
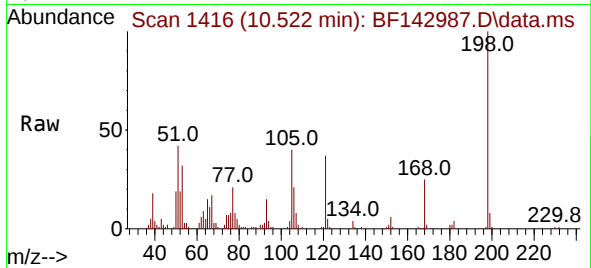




#65
4,6-Dinitro-2-methylphenol
Concen: 38.620 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

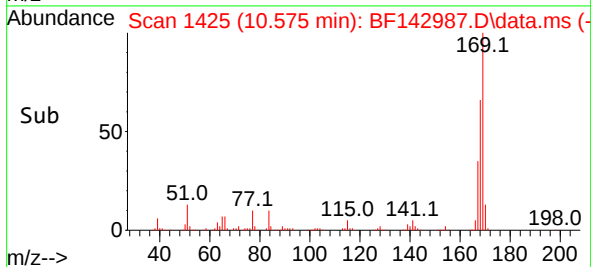
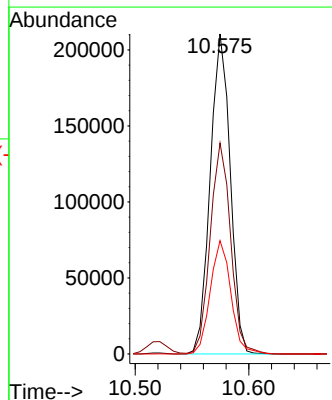
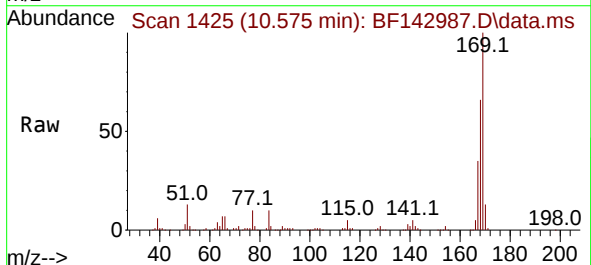
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

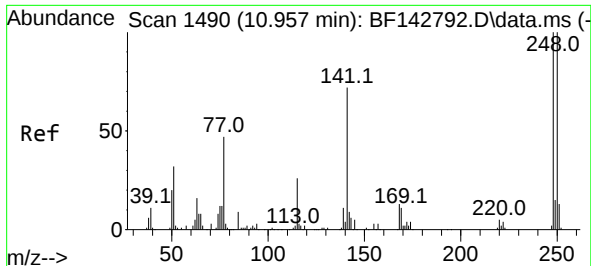
Tgt Ion:198 Resp: 43324
Ion Ratio Lower Upper
198 100
51 42.3 25.4 65.4
105 39.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.136 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:169 Resp: 257976
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.4 28.5 42.7

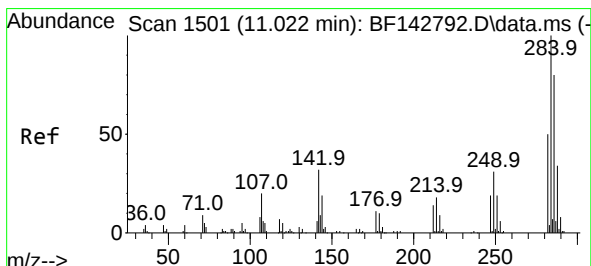
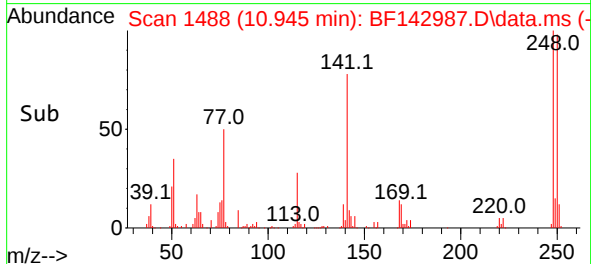
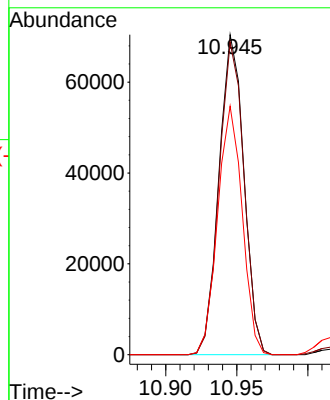
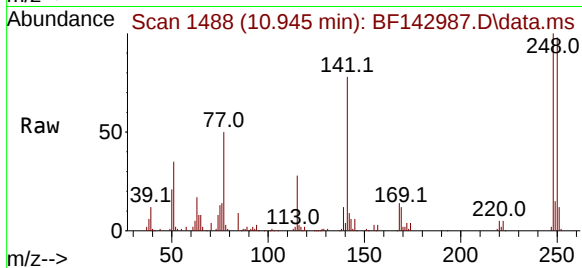




#67
4-Bromophenyl-phenylether
Concen: 40.663 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

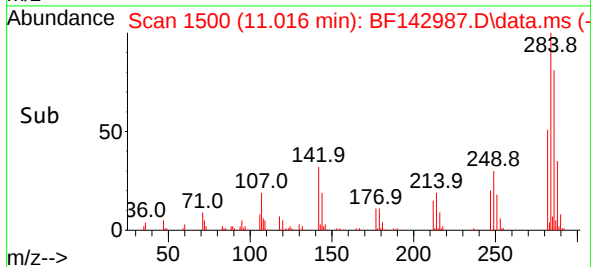
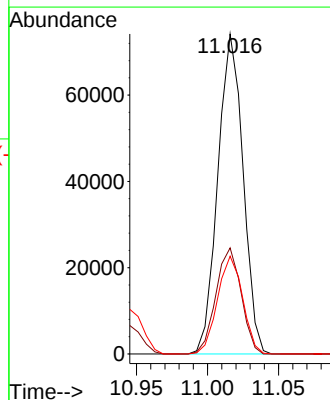
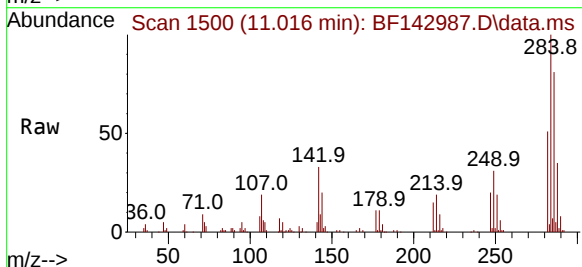
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

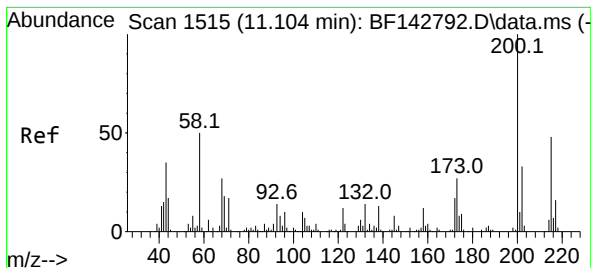
Tgt Ion:248 Resp: 85828
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 77.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 39.037 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:284 Resp: 91556
Ion Ratio Lower Upper
284 100
142 33.2 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 42.197 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

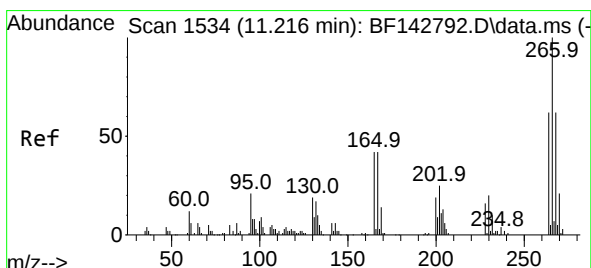
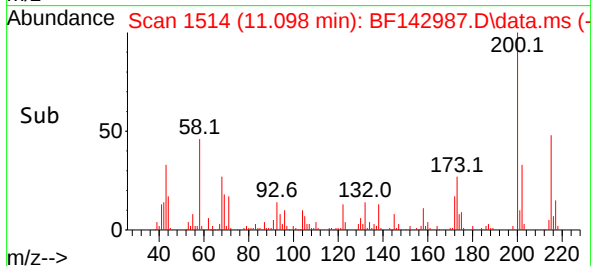
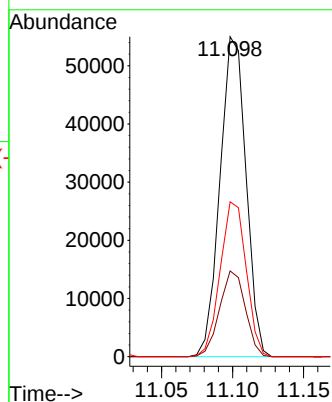
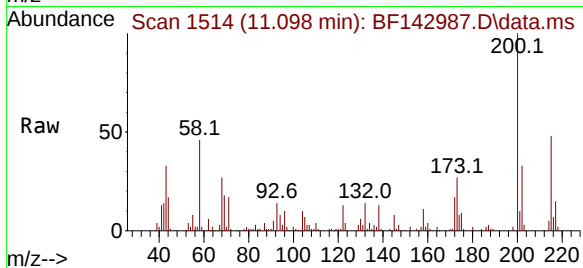
Tgt Ion:200 Resp: 70039

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 35.407 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

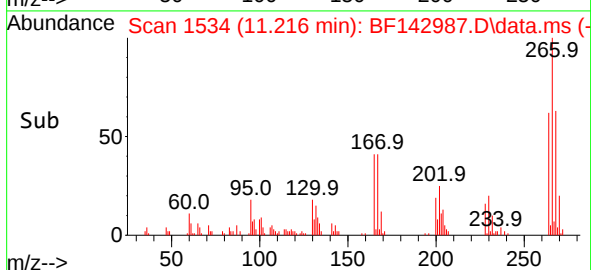
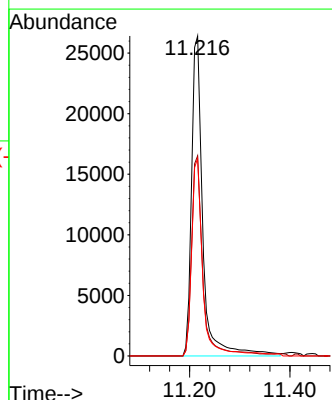
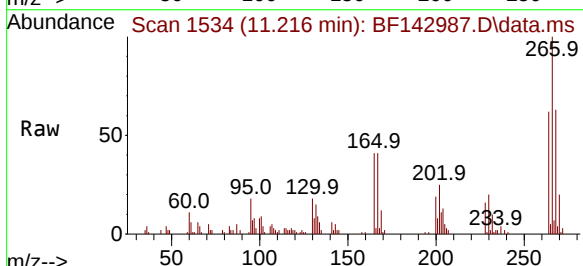
Tgt Ion:266 Resp: 41380

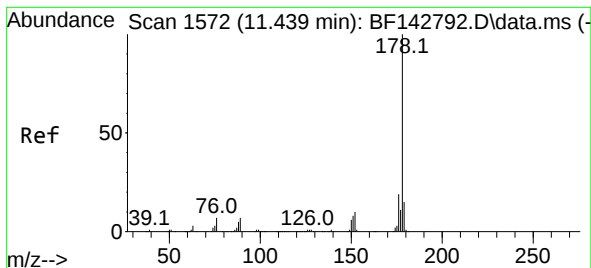
Ion Ratio Lower Upper

266 100

268 62.6 49.8 74.8

264 61.8 49.9 74.9





#71

Phenanthrene

Concen: 39.002 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

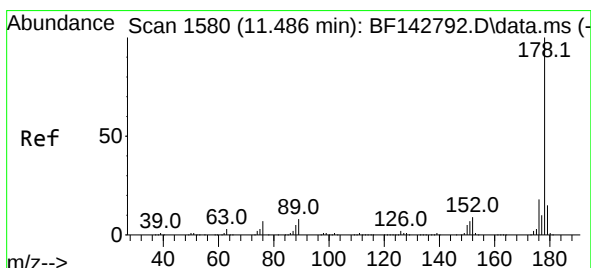
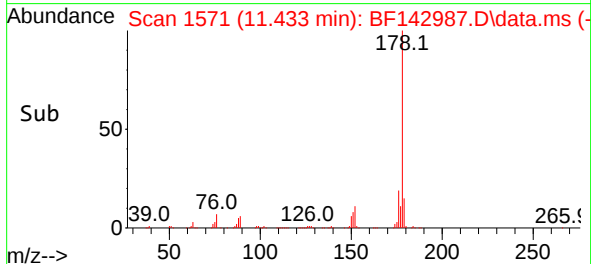
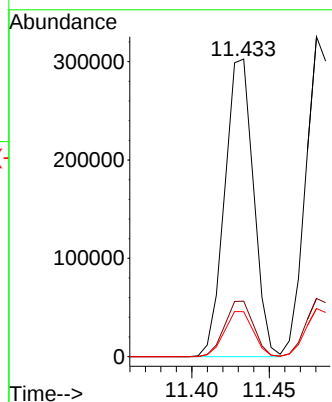
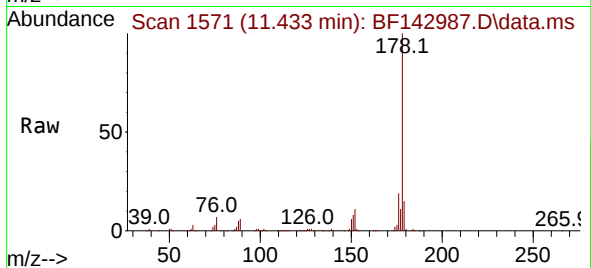
Tgt Ion:178 Resp: 391835

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.1 12.0 18.0



#72

Anthracene

Concen: 39.432 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

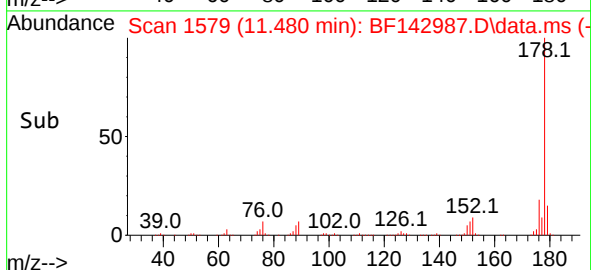
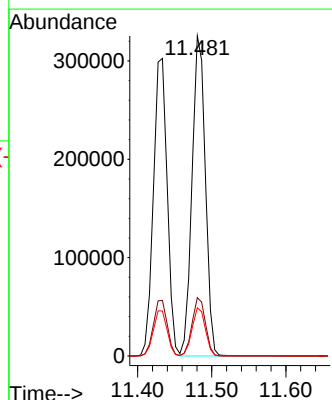
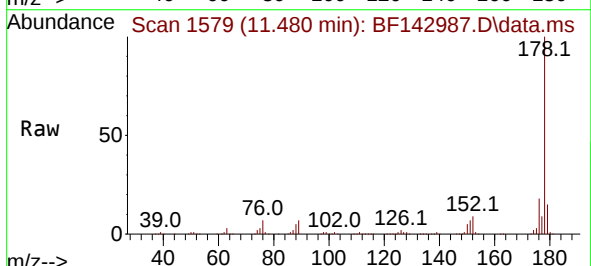
Tgt Ion:178 Resp: 406285

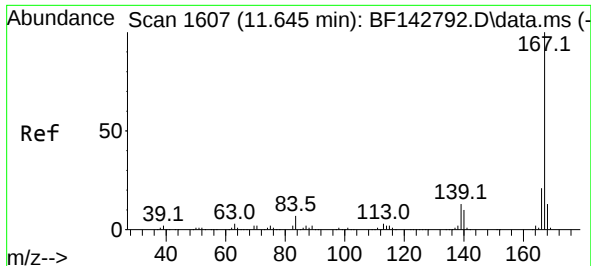
Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

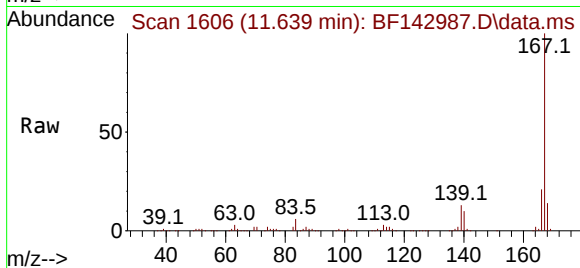
179 15.0 12.4 18.6



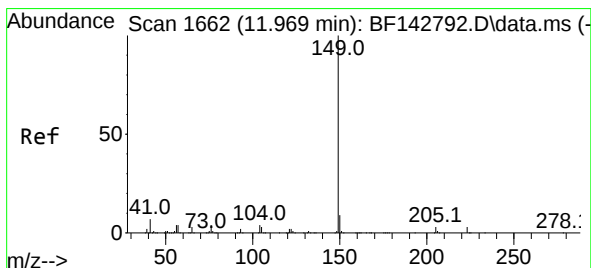
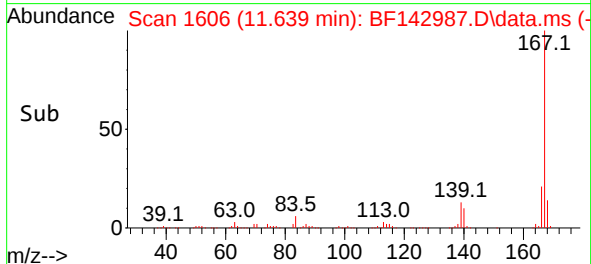
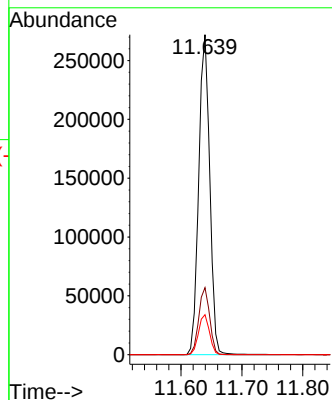


#73
 Carbazole
 Concen: 38.315 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

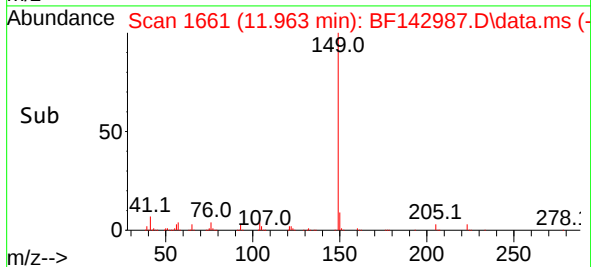
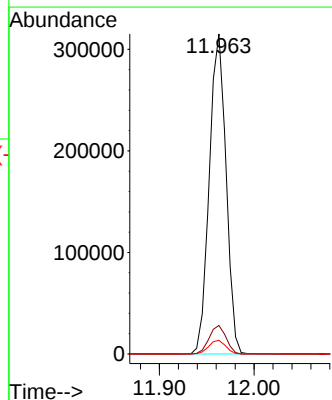
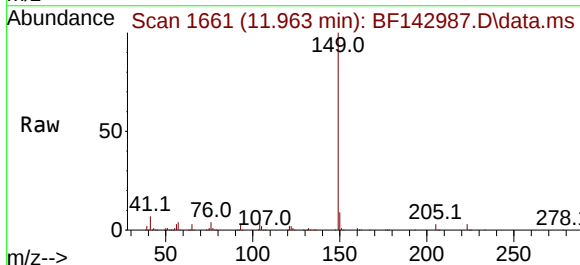


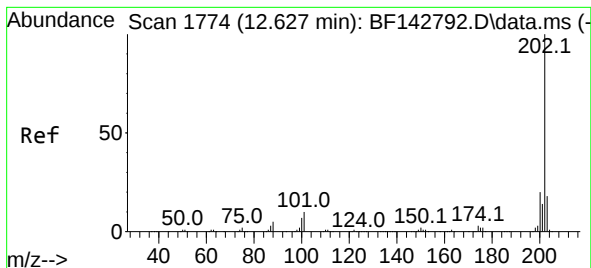
Tgt Ion:167 Resp: 340680
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.741 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Tgt Ion:149 Resp: 386639
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 37.478 ng

RT: 12.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

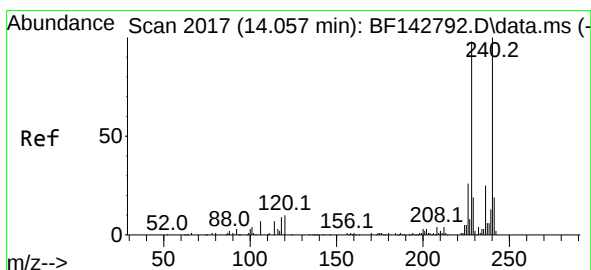
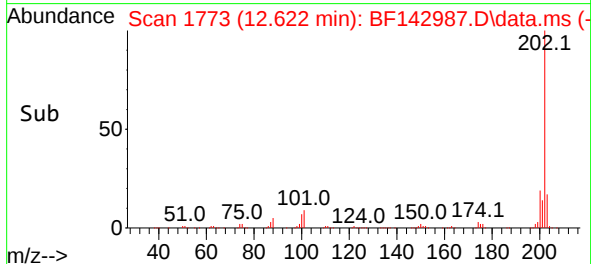
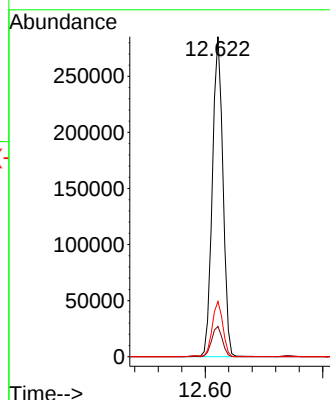
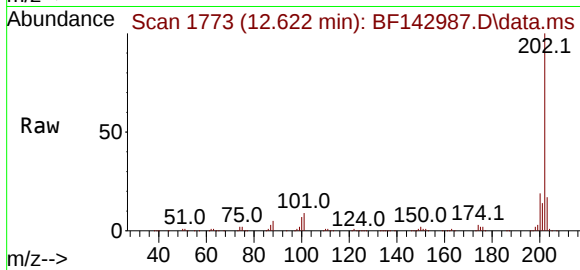
Tgt Ion:202 Resp: 357341

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

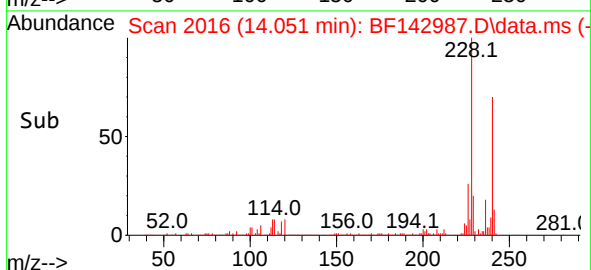
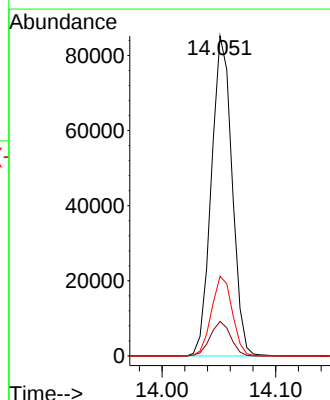
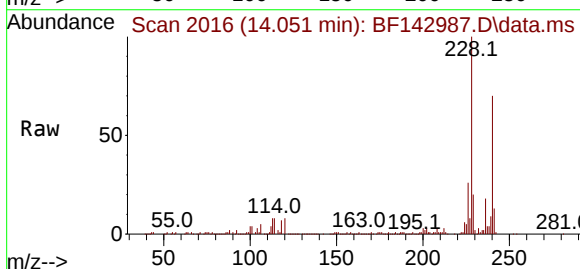
Tgt Ion:240 Resp: 107728

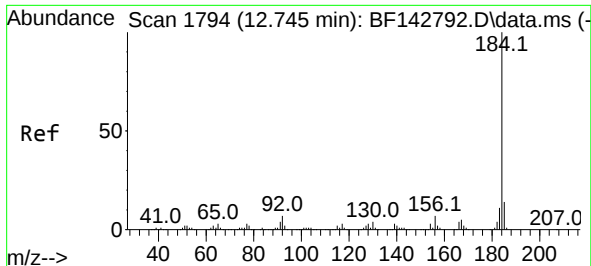
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

236 24.9 19.8 29.8

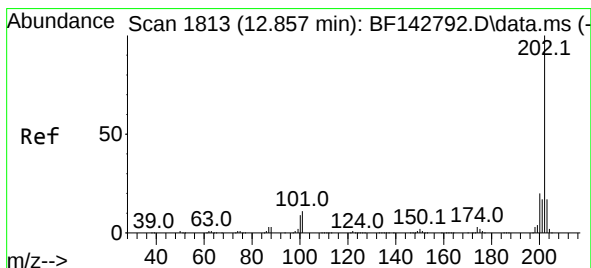
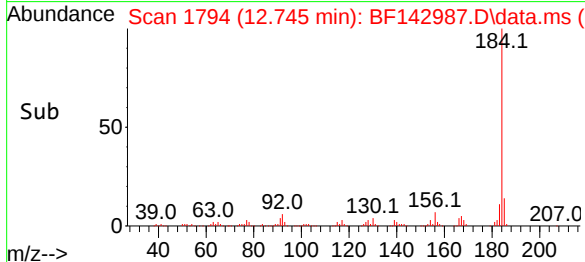
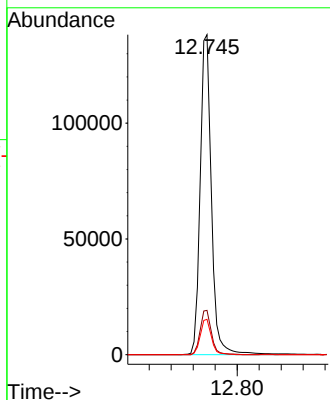
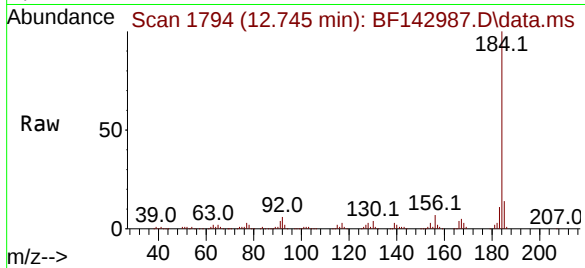




#77
Benzidine
Concen: 48.497 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

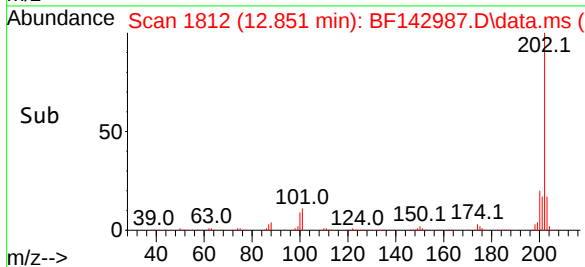
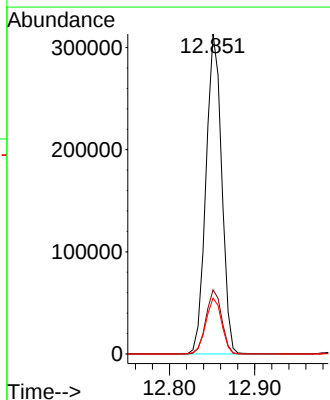
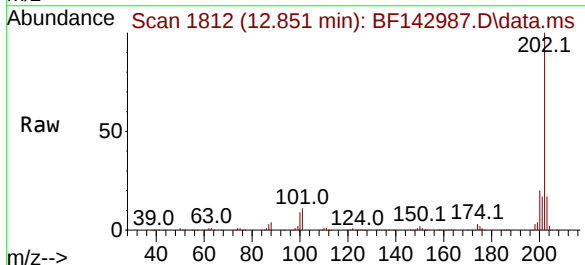
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

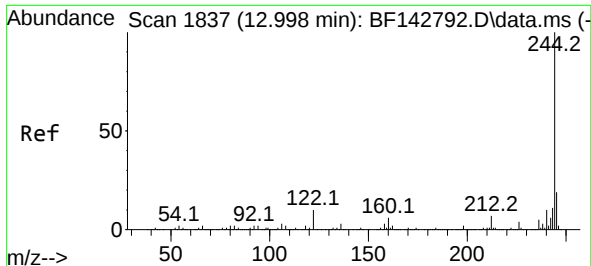
Tgt Ion:184 Resp: 196289
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 39.708 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:202 Resp: 400958
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.5 13.8 20.6

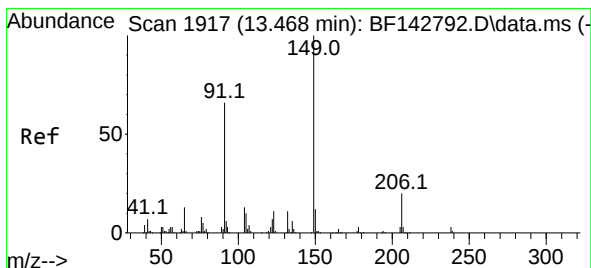
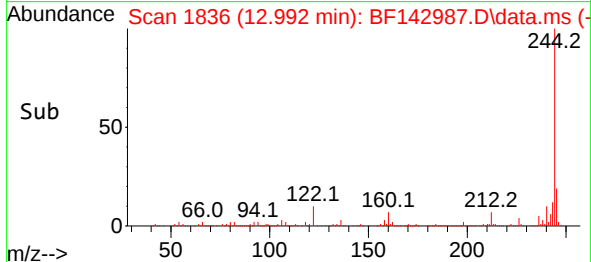
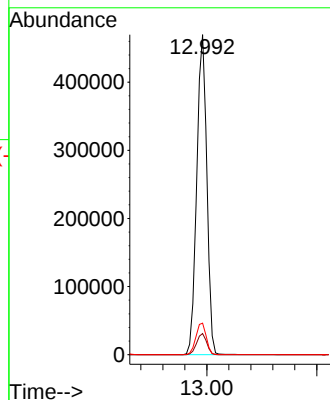
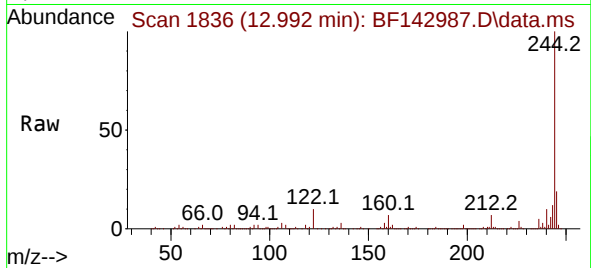




#79
 Terphenyl-d14
 Concen: 76.727 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

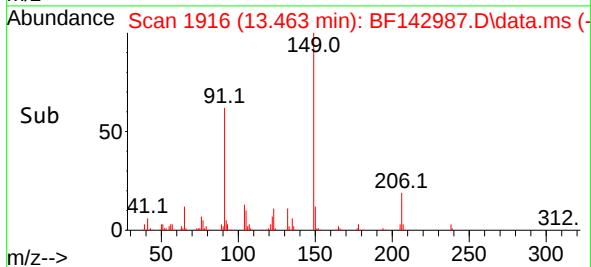
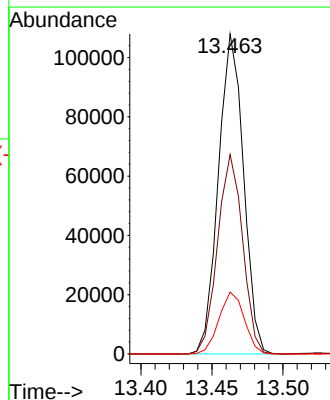
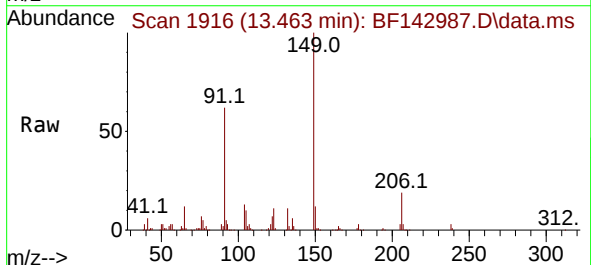
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

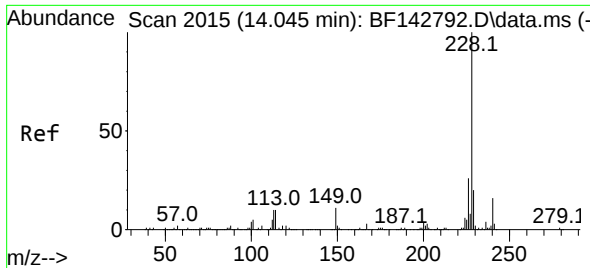
Tgt Ion:244 Resp: 598225
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 45.336 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Tgt Ion:149 Resp: 132794
 Ion Ratio Lower Upper
 149 100
 91 62.3 52.9 79.3
 206 19.3 16.3 24.5

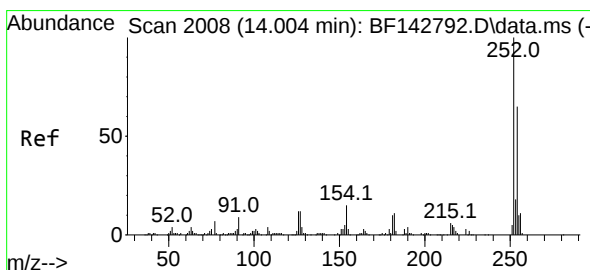
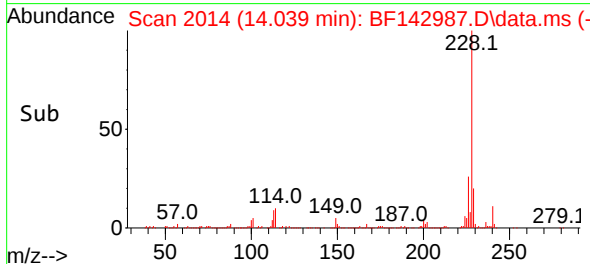
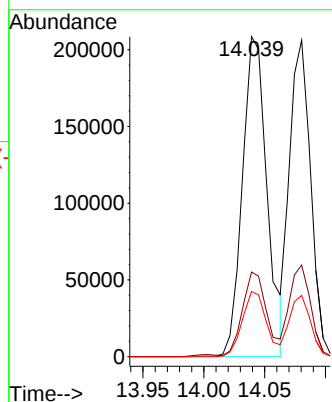
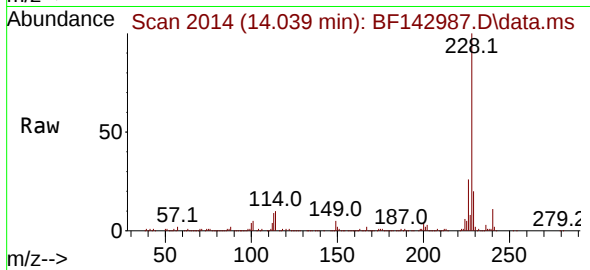




#81
Benzo(a)anthracene
Concen: 40.334 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

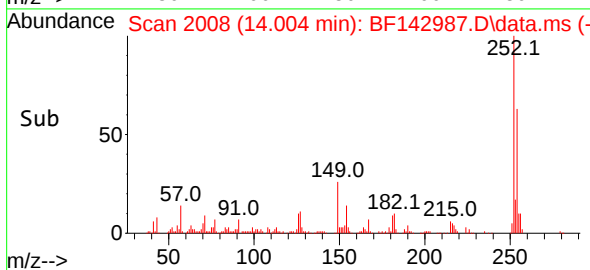
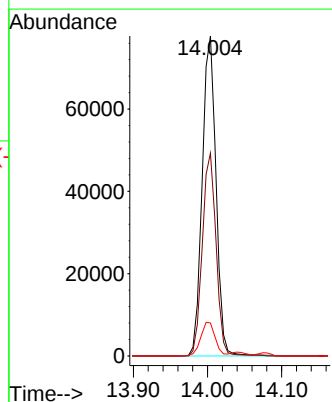
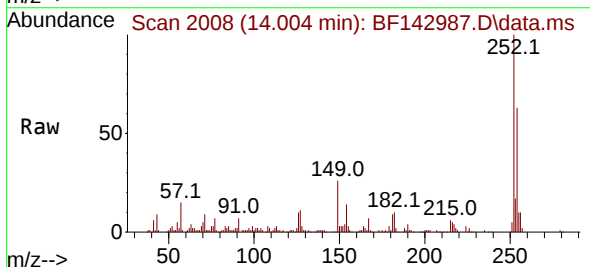
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

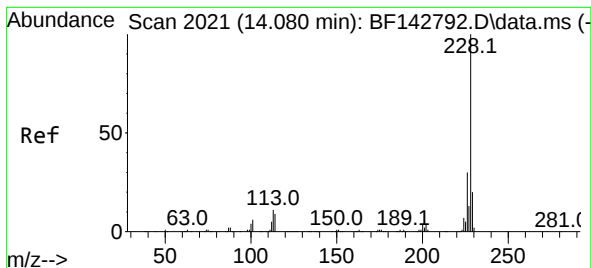
Tgt Ion:228 Resp: 293122
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 20.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.716 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:252 Resp: 100692
Ion Ratio Lower Upper
252 100
254 63.4 51.7 77.5
126 10.3 9.4 14.2





#83

Chrysene

Concen: 38.324 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

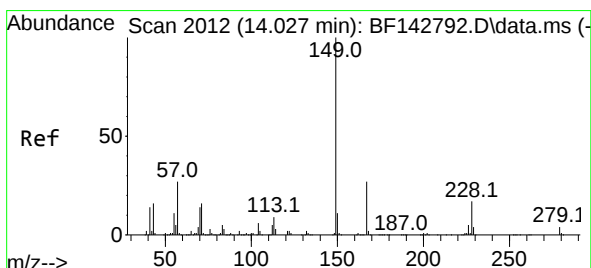
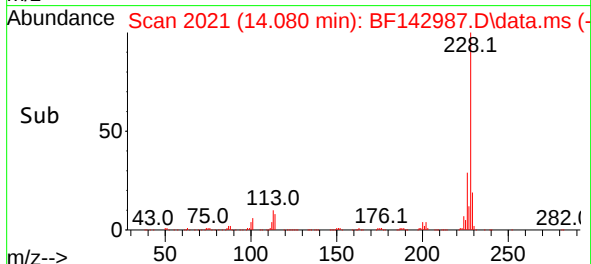
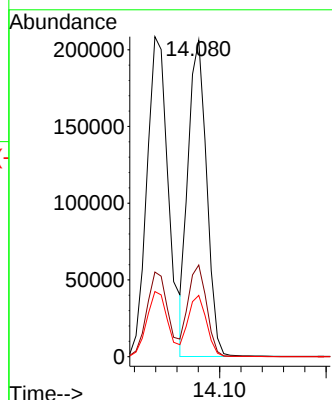
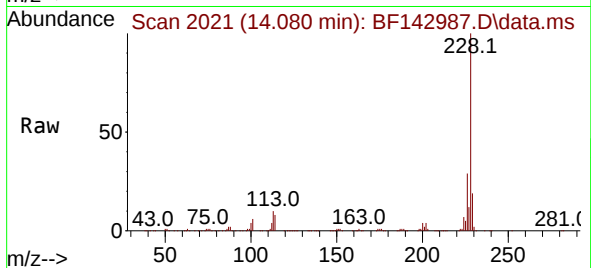
Tgt Ion:228 Resp: 248524

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.096 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

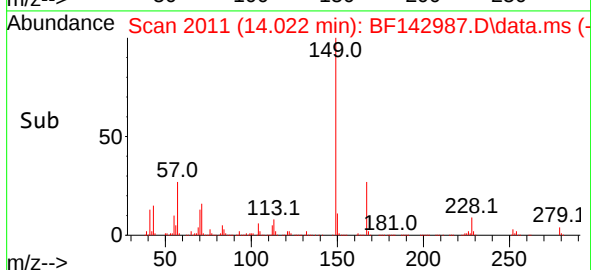
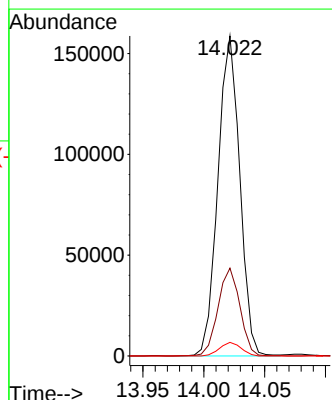
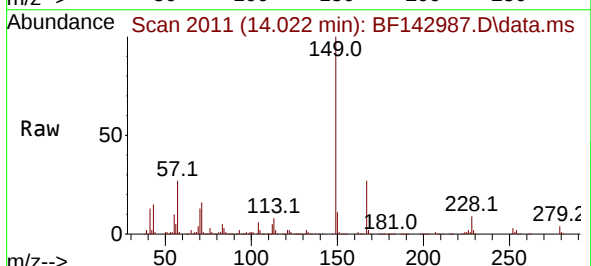
Tgt Ion:149 Resp: 198476

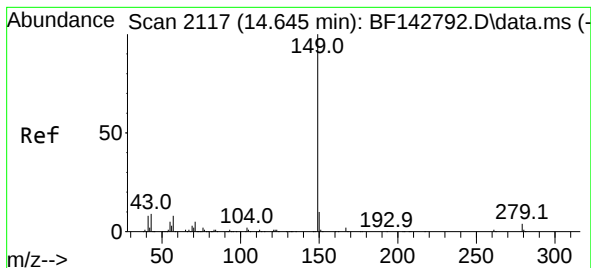
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.074 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

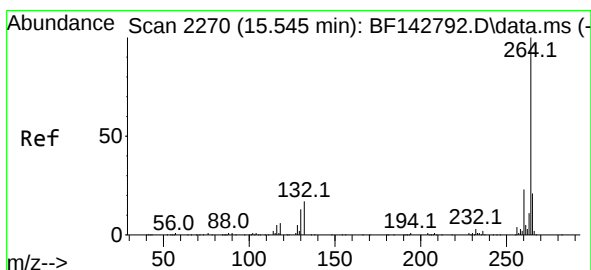
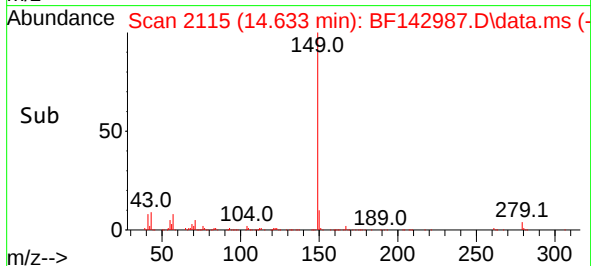
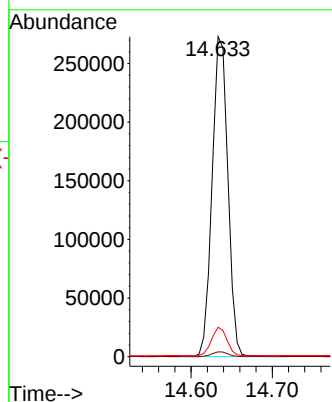
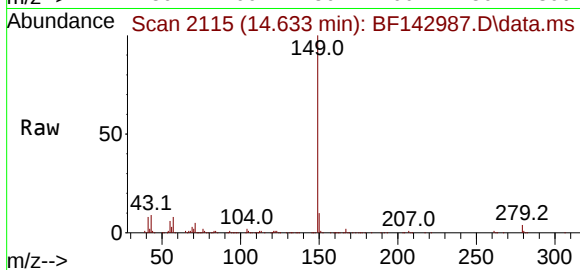
Tgt Ion:149 Resp: 366137

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

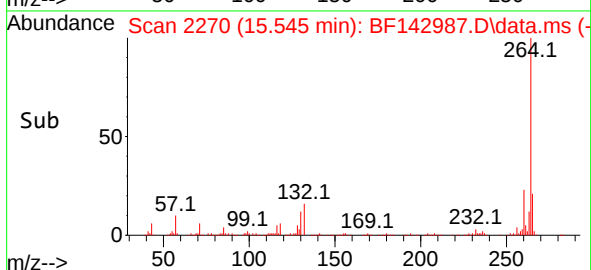
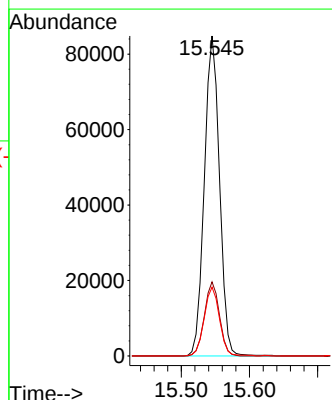
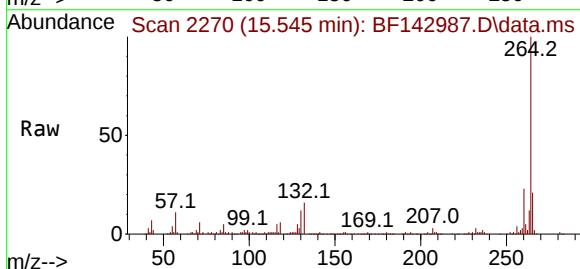
Tgt Ion:264 Resp: 131364

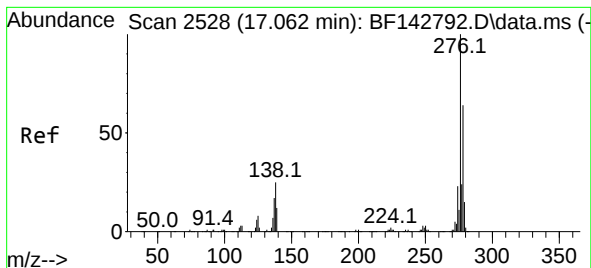
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.078 ng

RT: 17.068 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

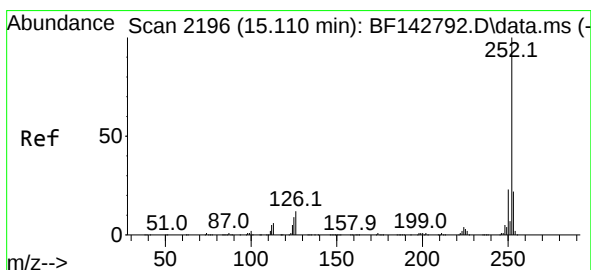
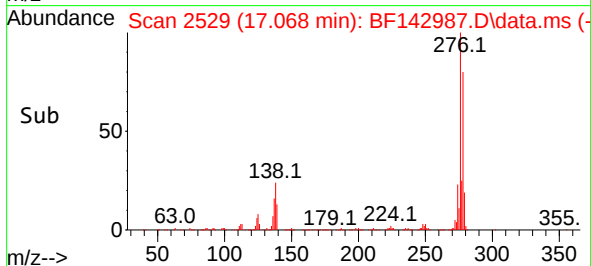
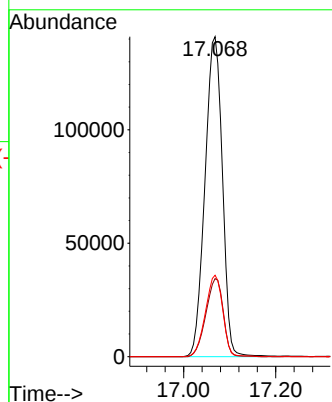
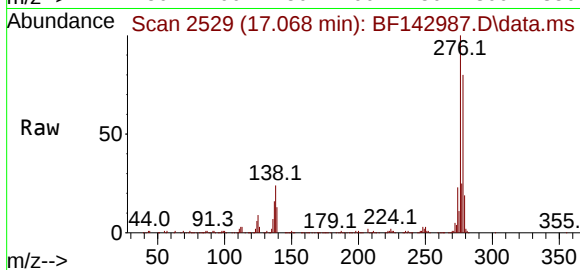
Tgt Ion:276 Resp: 370993

Ion Ratio Lower Upper

276 100

138 24.3 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 40.149 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

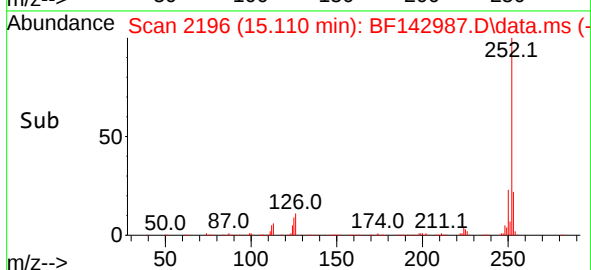
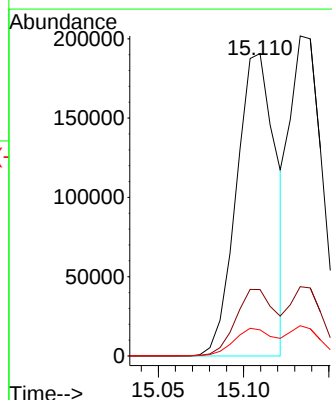
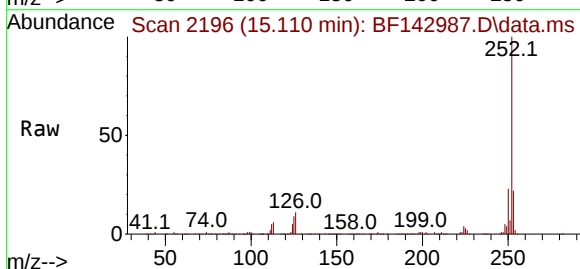
Tgt Ion:252 Resp: 305182

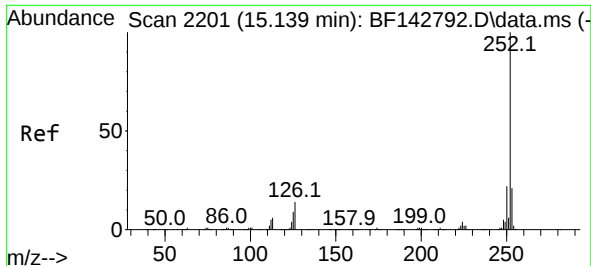
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.503 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

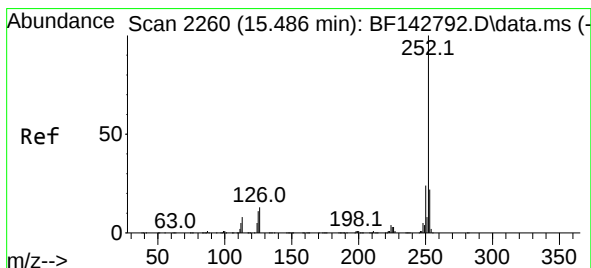
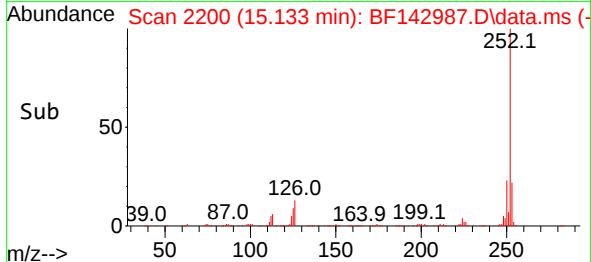
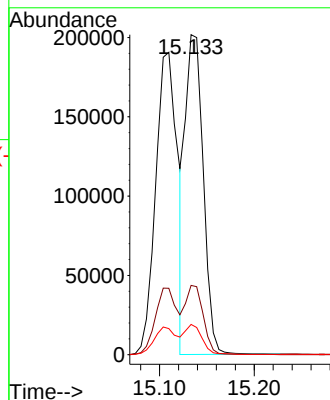
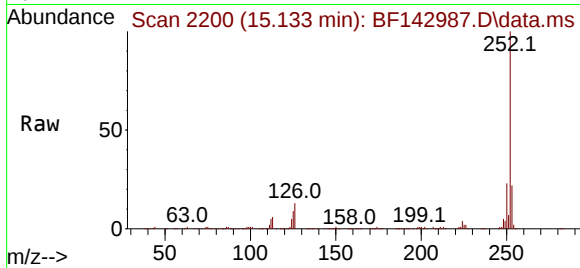
Tgt Ion:252 Resp: 266707

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.025 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

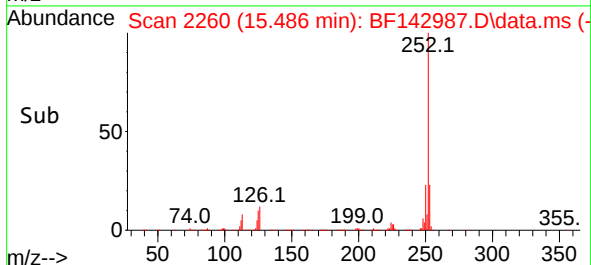
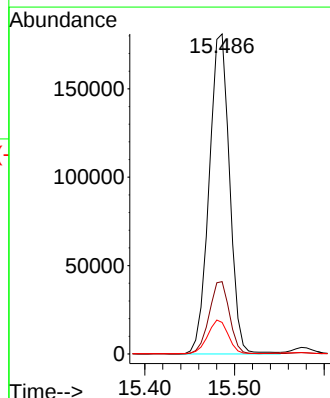
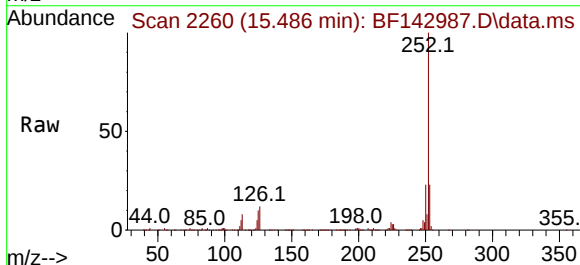
Tgt Ion:252 Resp: 286573

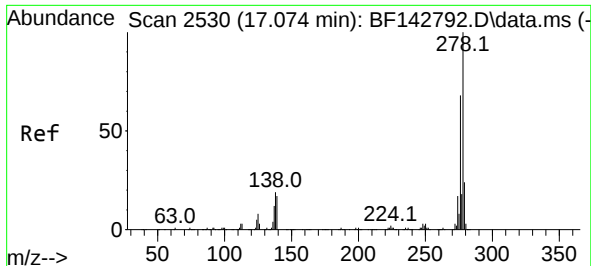
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 36.984 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

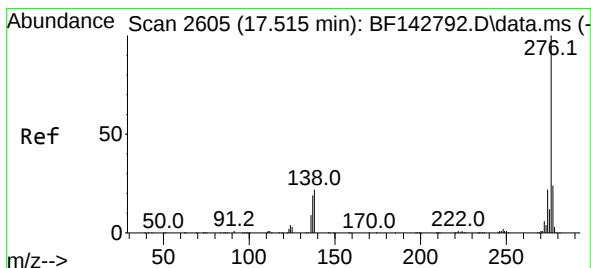
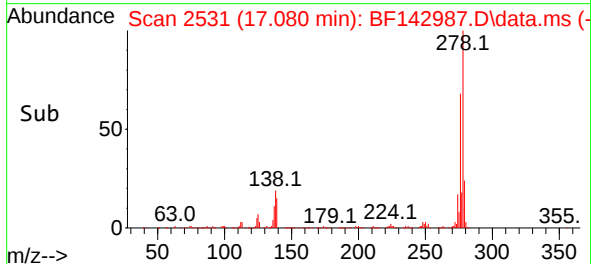
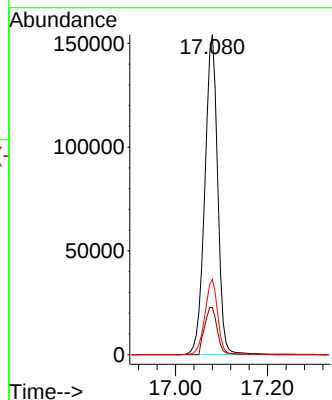
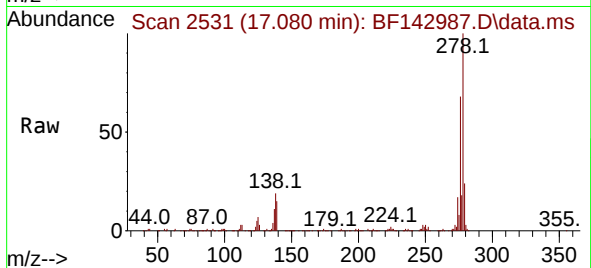
Tgt Ion:278 Resp: 300677

Ion Ratio Lower Upper

278 100

139 14.7 13.5 20.3

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 35.763 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Tgt Ion:276 Resp: 289923

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.0 17.6 26.4

