

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143048.D
 Acq On : 09 Jul 2025 10:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 09 11:29:32 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	66592	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257344	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135062	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	218580	20.000	ng	0.00
76) Chrysene-d12	14.057	240	110392	20.000	ng	0.00
86) Perylene-d12	15.545	264	146270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	317051	79.269	ng	0.00
7) Phenol-d6	6.510	99	372531	78.945	ng	0.00
23) Nitrobenzene-d5	7.439	82	394718	84.131	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	109001	78.425	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	839846	81.687	ng	-0.01
79) Terphenyl-d14	12.992	244	653929	81.848	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	58700	36.693	ng	98
3) Pyridine	3.393	79	150140	37.436	ng	97
4) n-Nitrosodimethylamine	3.346	42	75767	36.533	ng	95
6) Aniline	6.540	93	243791	38.827	ng	95
8) 2-Chlorophenol	6.663	128	172216	39.915	ng	97
9) Benzaldehyde	6.428	77	122163	43.636	ng	100
10) Phenol	6.522	94	206185	39.308	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	148192	39.529	ng	96
12) 1,3-Dichlorobenzene	6.816	146	189971	39.370	ng	100
13) 1,4-Dichlorobenzene	6.892	146	192448	39.530	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182051	39.426	ng	99
15) Benzyl Alcohol	7.016	79	137398	40.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217844	36.167	ng	79
17) 2-Methylphenol	7.134	107	128959	39.442	ng	96
18) Hexachloroethane	7.387	117	67058	39.381	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	109039	39.730	ng	95
20) 3+4-Methylphenols	7.287	107	164907	40.452	ng	95
22) Acetophenone	7.287	105	223904	39.455	ng	100
24) Nitrobenzene	7.463	77	165163	38.894	ng	98
25) Isophorone	7.698	82	291150	38.685	ng	99
26) 2-Nitrophenol	7.775	139	92518	39.996	ng	100
27) 2,4-Dimethylphenol	7.816	122	153557m	38.323	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	187275	39.139	ng	99
29) 2,4-Dichlorophenol	8.022	162	142368	39.186	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	155501	38.924	ng	99
31) Naphthalene	8.181	128	485090	38.510	ng	99
32) Benzoic acid	7.939	122	70188	34.368	ng	97
33) 4-Chloroaniline	8.234	127	198369	38.729	ng	98
34) Hexachlorobutadiene	8.292	225	96425	39.459	ng	99
35) Caprolactam	8.610	113	37672	39.295	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	141216	39.110	ng	99
37) 2-Methylnaphthalene	8.869	142	307684	39.399	ng	99
38) 1-Methylnaphthalene	8.969	142	313072	38.726	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	154627	38.800	ng	99
41) Hexachlorocyclopentadiene	9.022	237	92207	40.772	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	96292	37.080	ng	99

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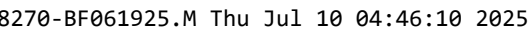
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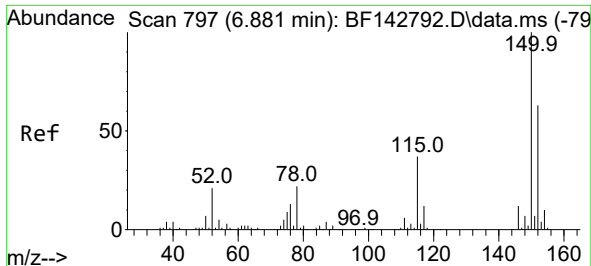
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102349	37.440	ng	100
46) 1,1'-Biphenyl	9.339	154	413921	38.796	ng	99
47) 2-Chloronaphthalene	9.363	162	306289	38.255	ng	99
48) 2-Nitroaniline	9.463	65	85518	38.099	ng	94
49) Acenaphthylene	9.781	152	503177	38.176	ng	100
50) Dimethylphthalate	9.639	163	342506	39.177	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75838	39.500	ng	97
52) Acenaphthene	9.951	154	316605m	39.371	ng	
53) 3-Nitroaniline	9.875	138	78937	37.342	ng	100
54) 2,4-Dinitrophenol	9.986	184	46706	48.583	ng	99
55) Dibenzofuran	10.122	168	440391	38.190	ng	100
56) 4-Nitrophenol	10.045	139	67517	46.654	ng	99
57) 2,4-Dinitrotoluene	10.110	165	101213	39.687	ng	95
58) Fluorene	10.469	166	348917	38.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86032	39.043	ng	92
60) Diethylphthalate	10.333	149	332556	38.796	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167583	38.996	ng	98
62) 4-Nitroaniline	10.492	138	73117	37.820	ng	97
63) Azobenzene	10.616	77	291002	37.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	51710	39.111	ng	97
66) n-Nitrosodiphenylamine	10.575	169	296265	39.109	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100240	40.295	ng	97
68) Hexachlorobenzene	11.016	284	109033	39.445	ng	99
69) Atrazine	11.104	200	78779	40.271	ng	98
70) Pentachlorophenol	11.216	266	79272	57.552	ng	99
71) Phenanthrene	11.433	178	453843	38.330	ng	100
72) Anthracene	11.486	178	465305	38.317	ng	99
73) Carbazole	11.639	167	392132	37.420	ng	100
74) Di-n-butylphthalate	11.963	149	430569	39.441	ng	99
75) Fluoranthene	12.621	202	408276	36.332	ng	100
77) Benzidine	12.745	184	204601	49.331	ng	99
78) Pyrene	12.851	202	454236	43.898	ng	99
80) Butylbenzylphthalate	13.463	149	126277	42.071	ng	97
81) Benzo(a)anthracene	14.045	228	292876	39.327	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	104231	43.151	ng	99
83) Chrysene	14.080	228	260242	39.162	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	194503	45.039	ng	99
85) Di-n-octyl phthalate	14.633	149	379015	46.544	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	424870	38.135	ng	99
88) Benzo(b)fluoranthene	15.110	252	321973	38.041	ng	100
89) Benzo(k)fluoranthene	15.139	252	309552	39.092	ng	99
90) Benzo(a)pyrene	15.486	252	317799	38.867	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	345409	38.156	ng	98
92) Benzo(g,h,i)perylene	17.533	276	339644	37.626	ng	97

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

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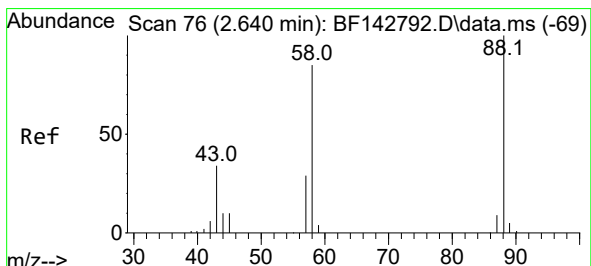
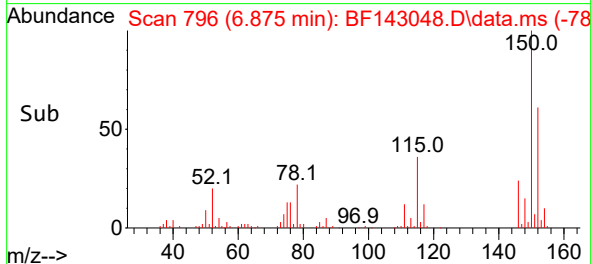
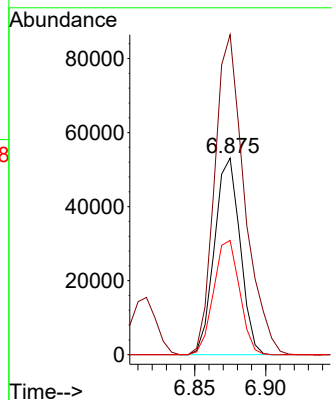
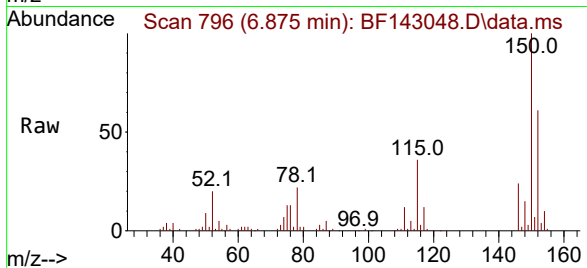




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143048.D
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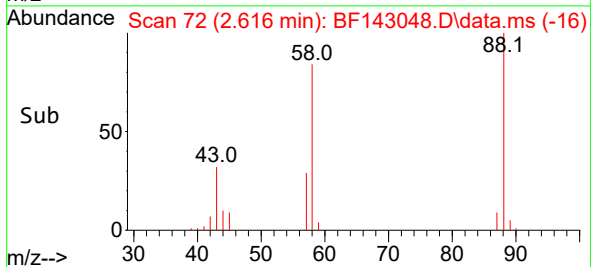
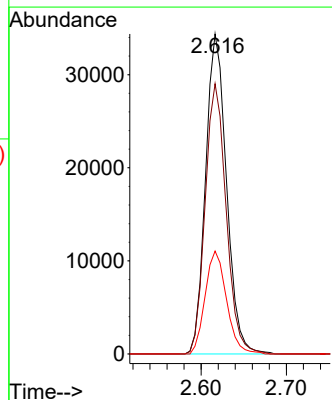
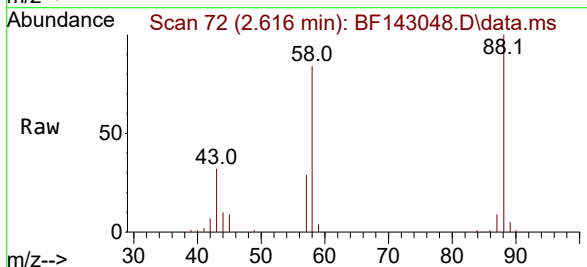
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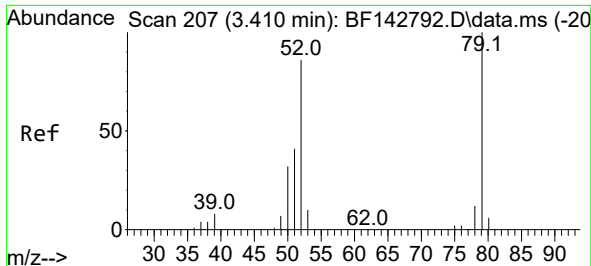
Tgt Ion:152 Resp: 66592
 Ion Ratio Lower Upper
 152 100
 150 162.8 127.2 190.8
 115 58.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 36.693 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.023 min
 Lab File: BF143048.D
 Acq: 09 Jul 2025 10:52

Tgt Ion: 88 Resp: 58700
 Ion Ratio Lower Upper
 88 100
 58 84.6 69.1 103.7
 43 32.8 27.4 41.2

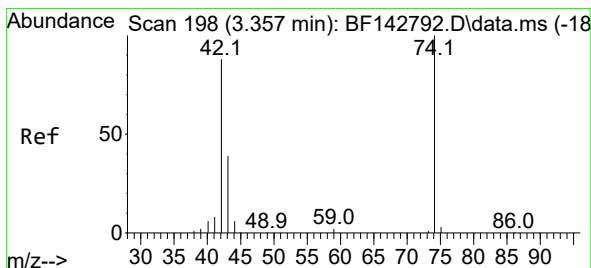
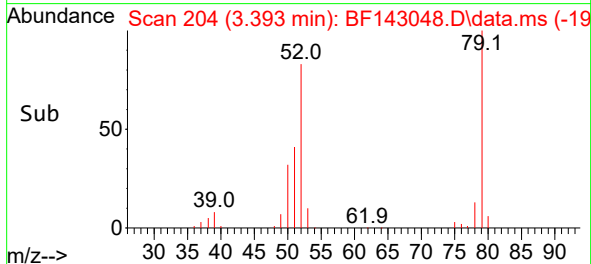
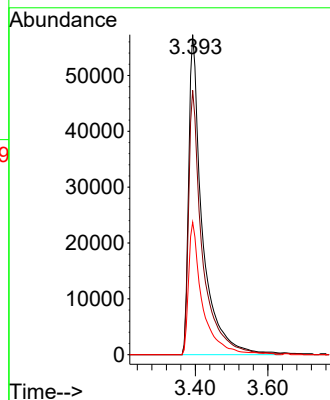
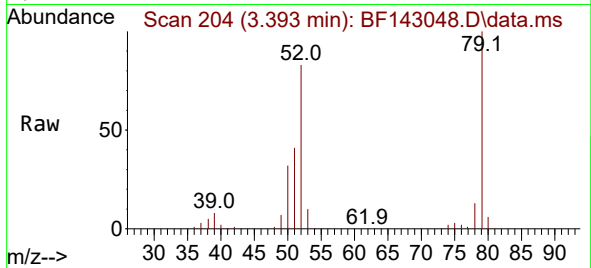




#3
Pyridine
Concen: 37.436 ng
RT: 3.393 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

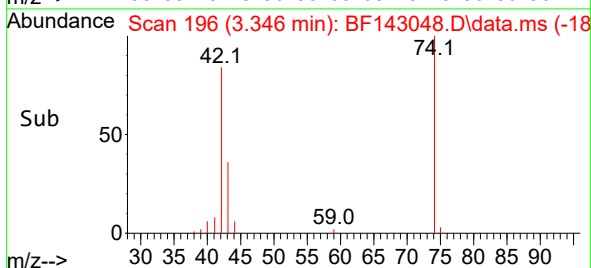
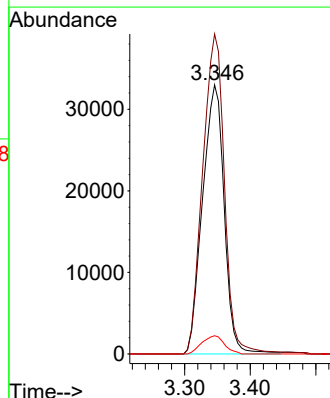
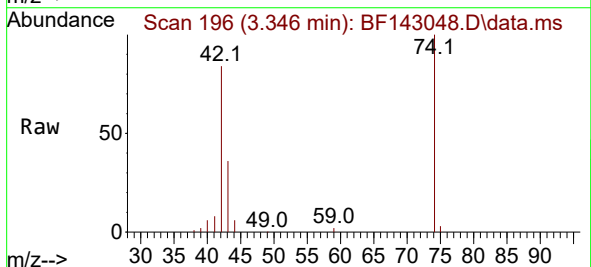
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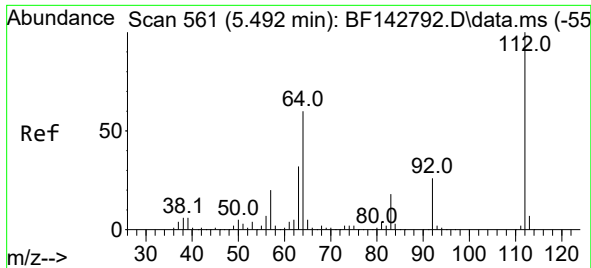
Tgt Ion: 79 Resp: 150140
Ion Ratio Lower Upper
79 100
52 82.6 69.2 103.8
51 41.4 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 36.533 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 42 Resp: 75767
Ion Ratio Lower Upper
42 100
74 118.9 90.9 136.3
44 6.8 5.8 8.6

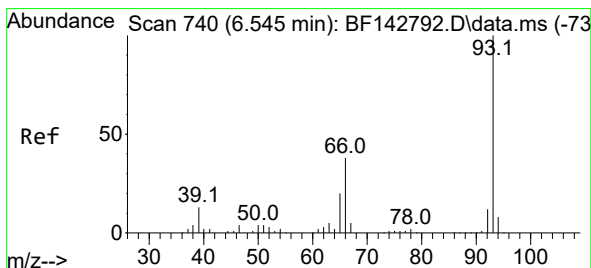
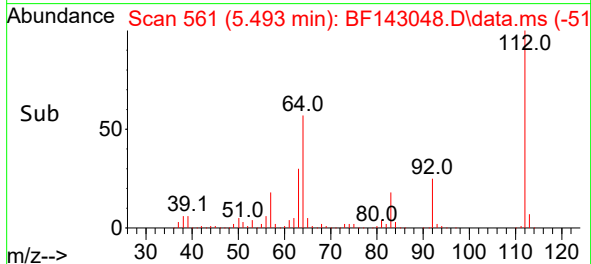
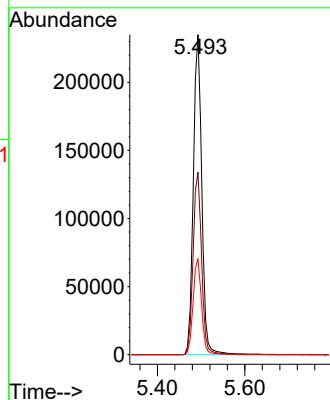
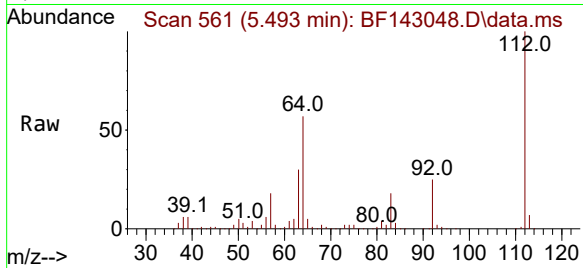




#5
2-Fluorophenol
Concen: 79.269 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

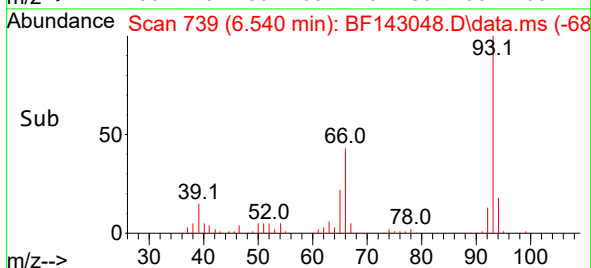
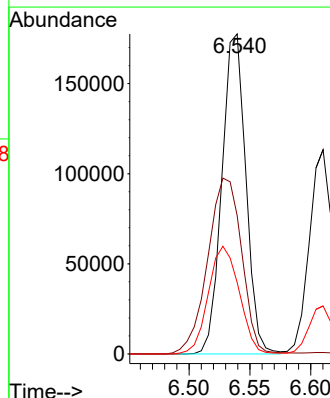
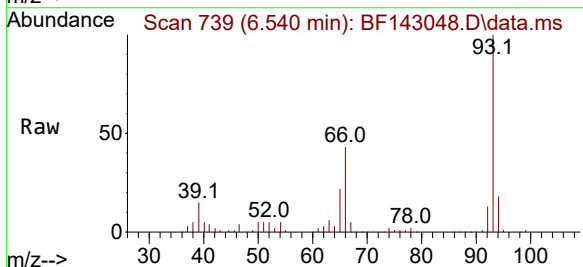
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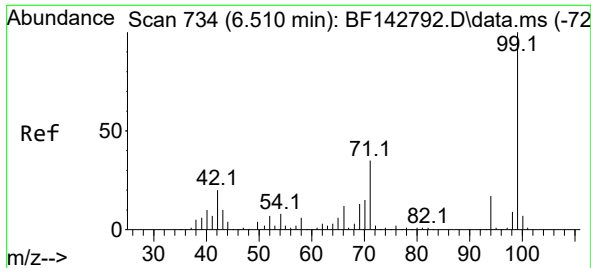
Tgt Ion:112 Resp: 317051
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 29.8 25.7 38.5



#6
Aniline
Concen: 38.827 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 93 Resp: 243791
Ion Ratio Lower Upper
93 100
66 43.2 31.8 47.6
65 22.3 16.2 24.2

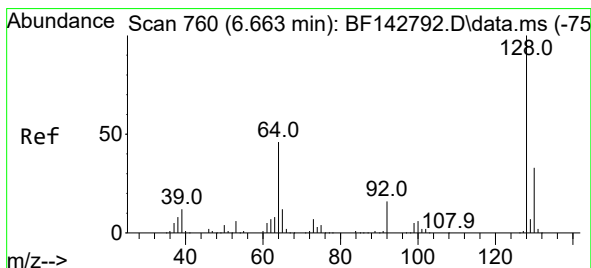
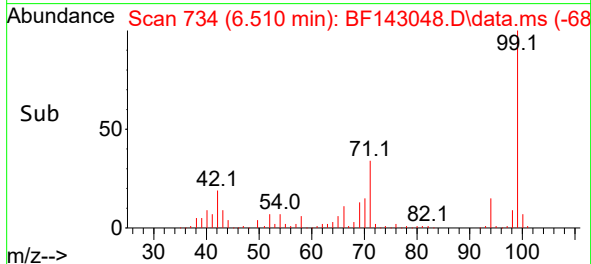
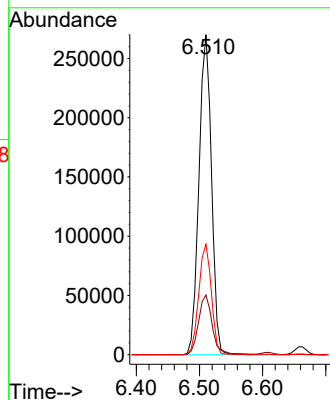
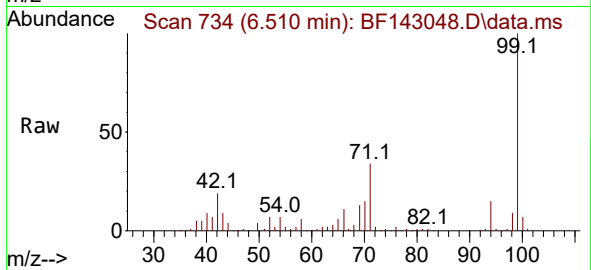




#7
Phenol-d6
Concen: 78.945 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

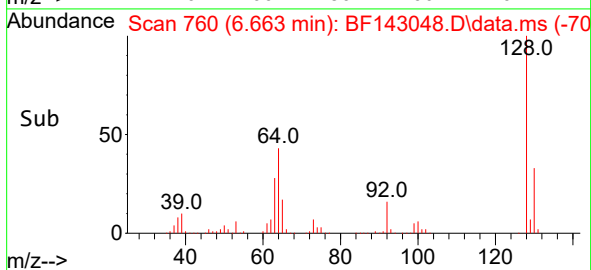
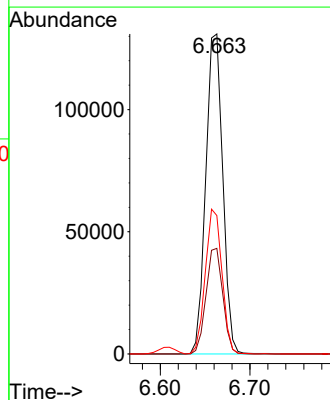
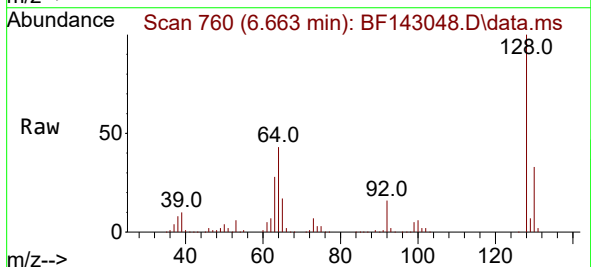
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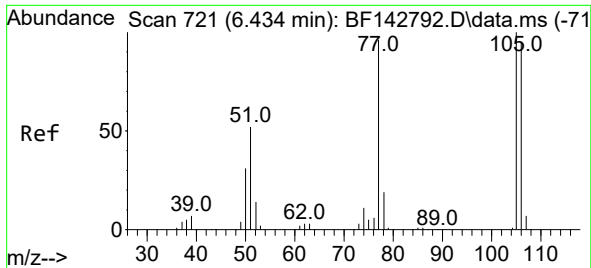
Tgt Ion: 99 Resp: 372531
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 34.5 27.8 41.8



#8
2-Chlorophenol
Concen: 39.915 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 128 Resp: 172216
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 43.3 26.5 66.5

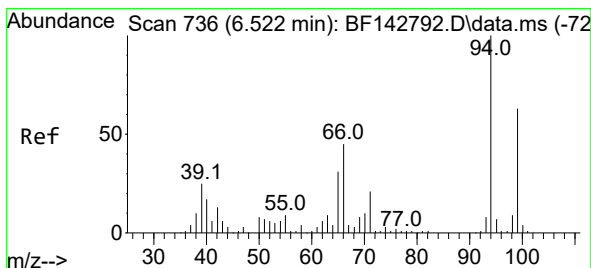
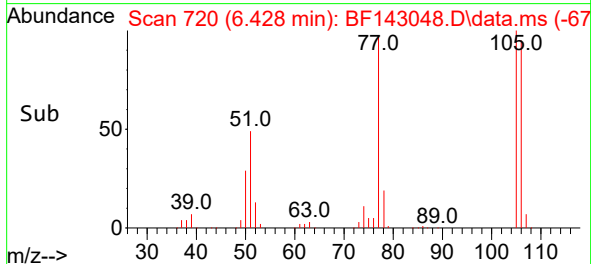
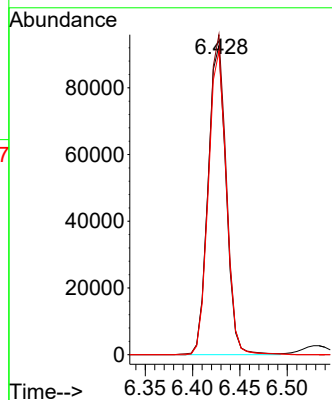
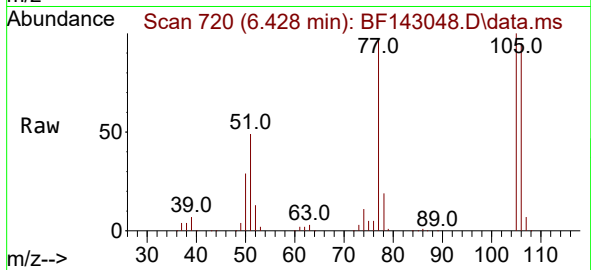




#9
Benzaldehyde
Concen: 43.636 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143048.D
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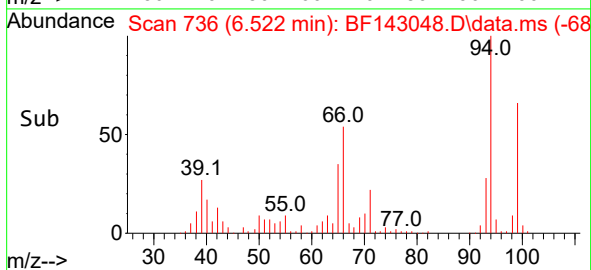
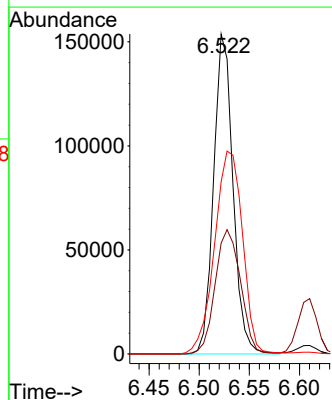
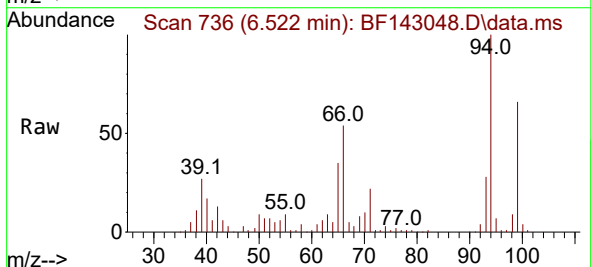
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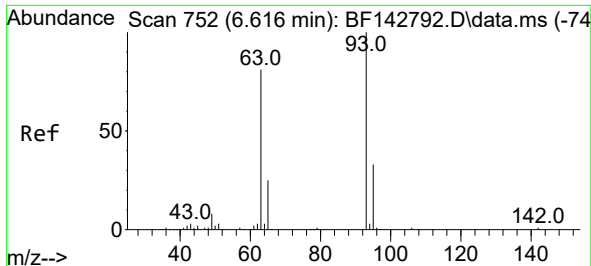
Tgt Ion: 77 Resp: 122163
Ion Ratio Lower Upper
77 100
105 103.6 83.8 123.8
106 98.2 78.7 118.7



#10
Phenol
Concen: 39.308 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143048.D
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Tgt Ion: 94 Resp: 206185
Ion Ratio Lower Upper
94 100
65 34.6 11.3 51.3
66 53.8 24.9 64.9

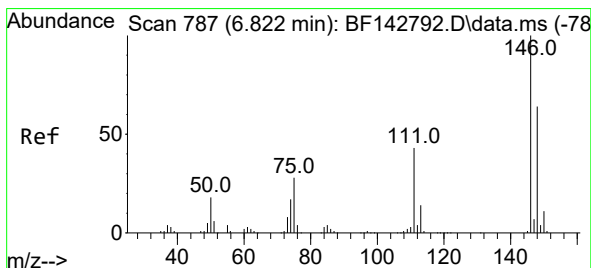
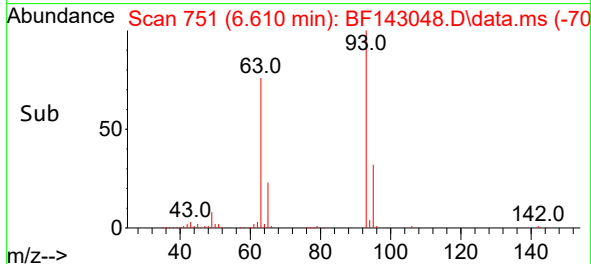
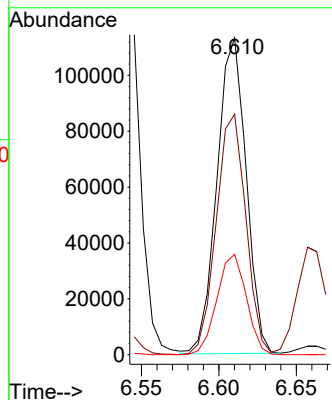
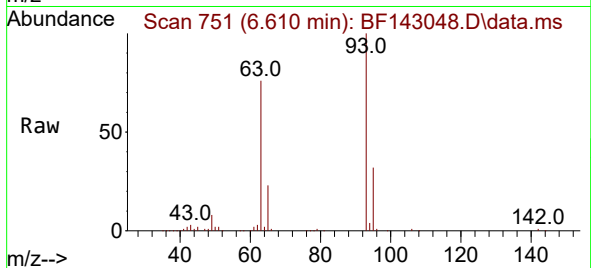




#11
bis(2-Chloroethyl)ether
Concen: 39.529 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

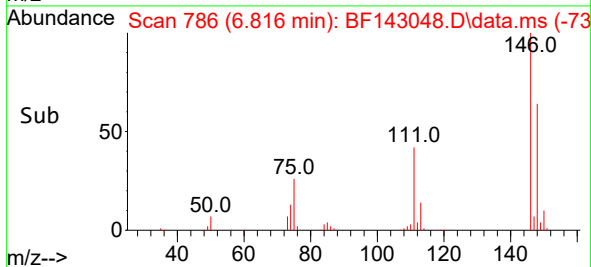
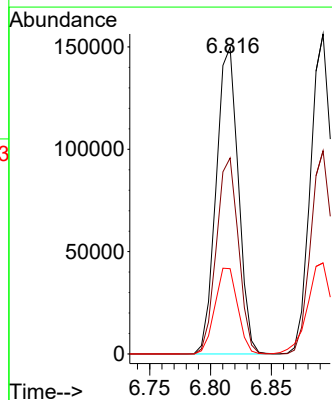
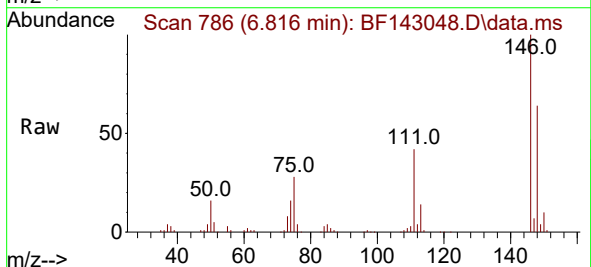
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

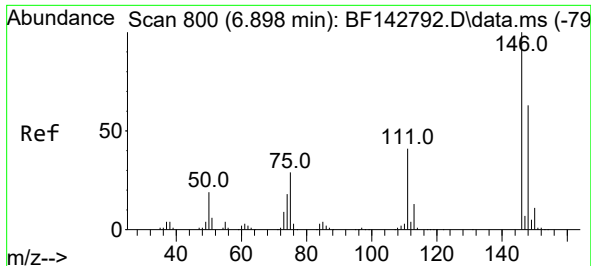
Tgt Ion: 93 Resp: 148192
Ion Ratio Lower Upper
93 100
63 75.9 60.3 100.3
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.370 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:146 Resp: 189971
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 27.8 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 39.530 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

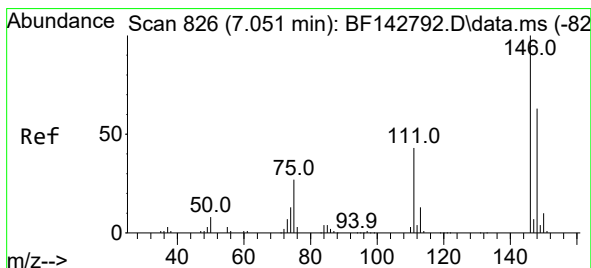
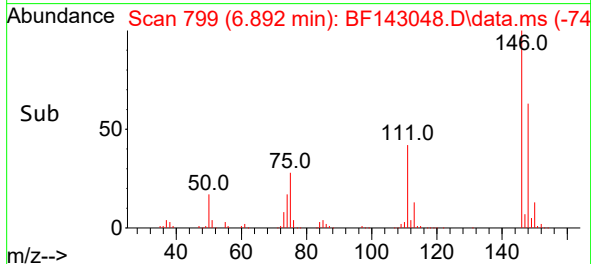
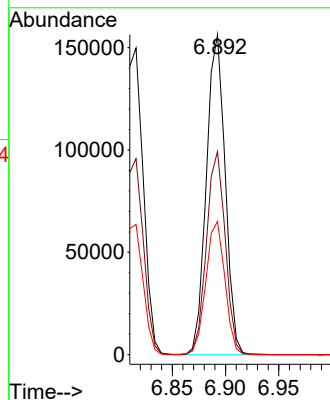
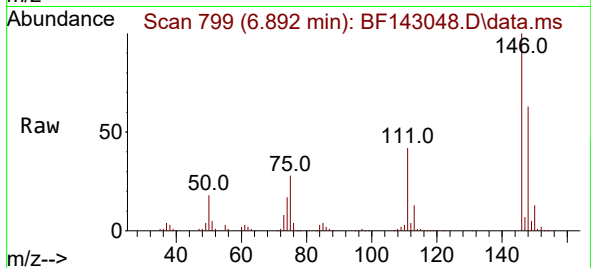
Tgt Ion:146 Resp: 192448

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 41.6 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 39.426 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

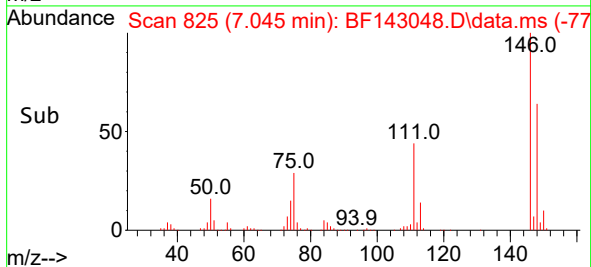
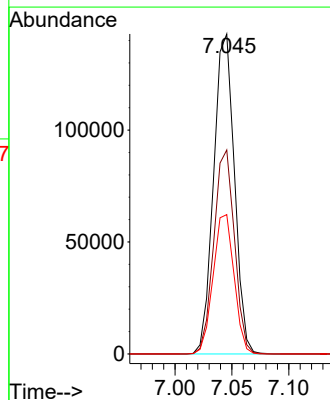
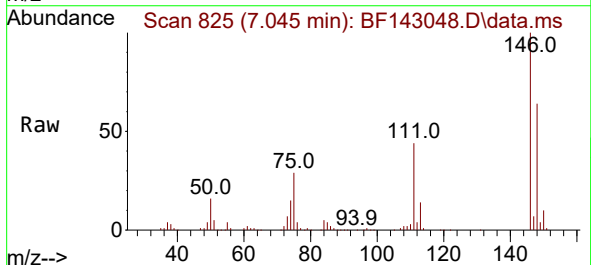
Tgt Ion:146 Resp: 182051

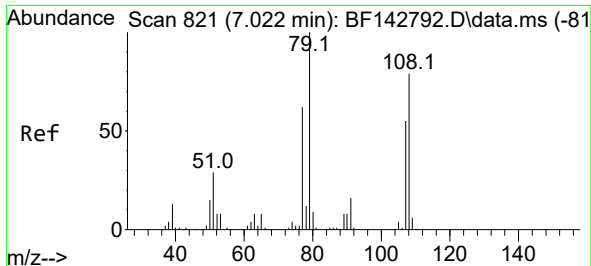
Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

111 43.6 34.1 51.1

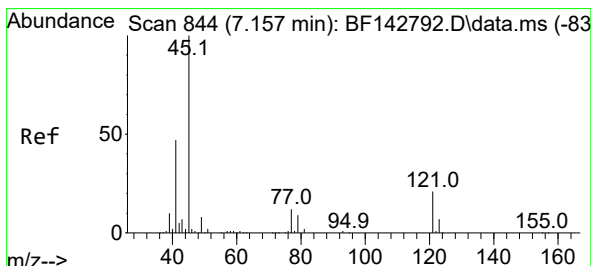
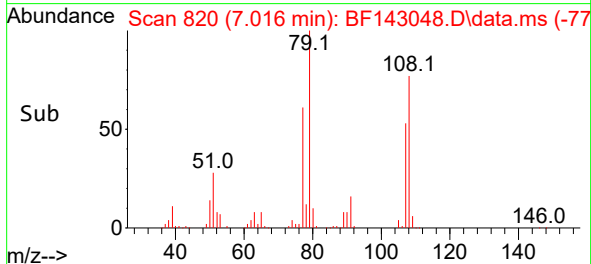
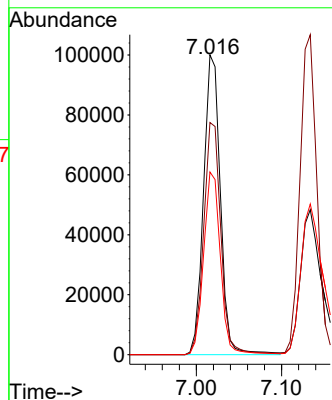
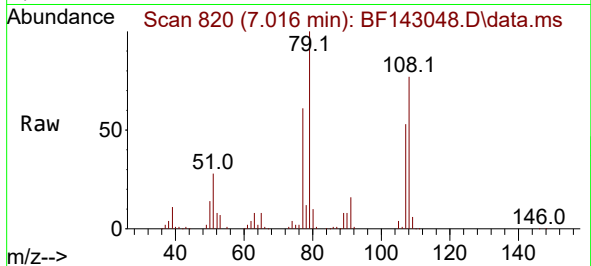




#15
Benzyl Alcohol
Concen: 40.276 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

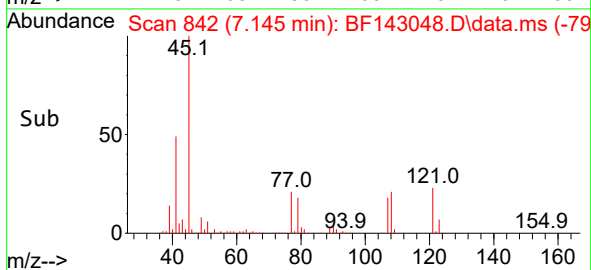
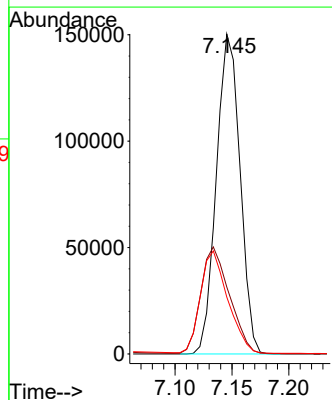
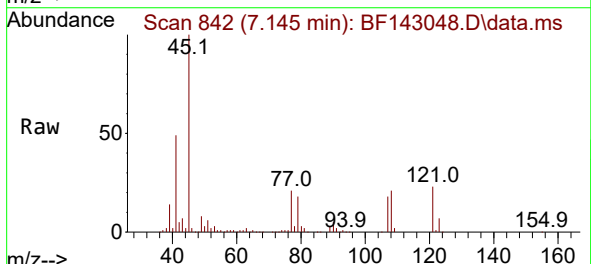
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

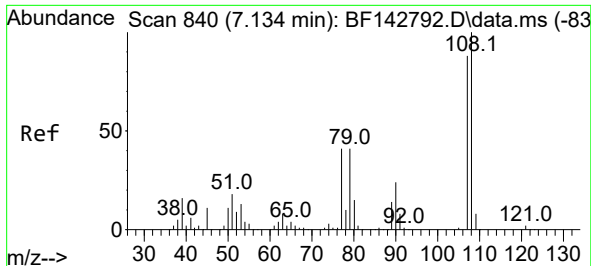
Tgt Ion: 79 Resp: 137398
Ion Ratio Lower Upper
79 100
108 77.4 63.4 95.0
77 60.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.167 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 45 Resp: 217844
Ion Ratio Lower Upper
45 100
77 21.0 0.0 32.8
79 17.8 0.0 29.8

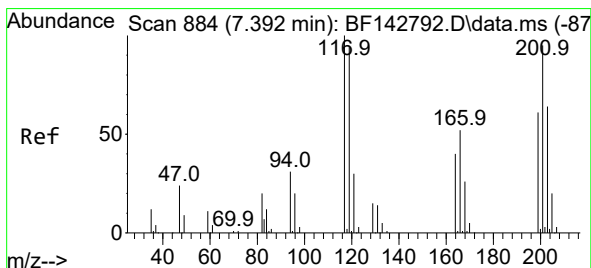
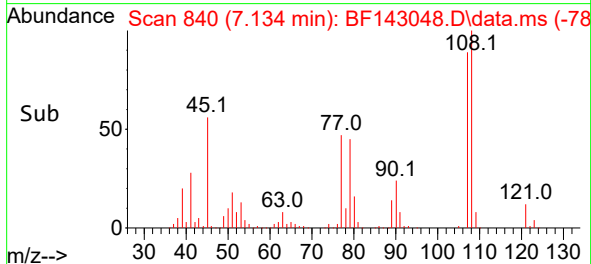
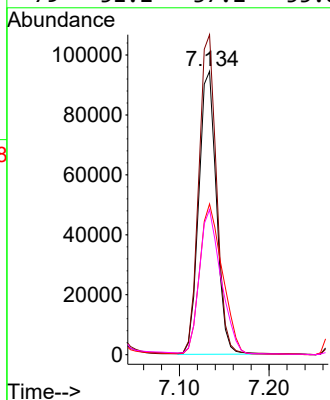
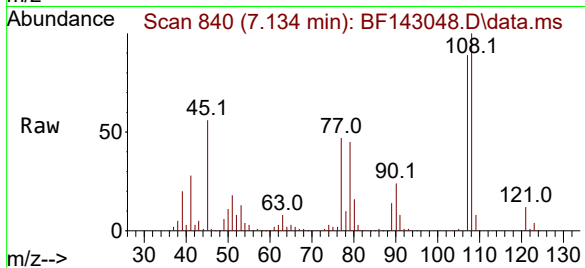




#17
2-Methylphenol
Concen: 39.442 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

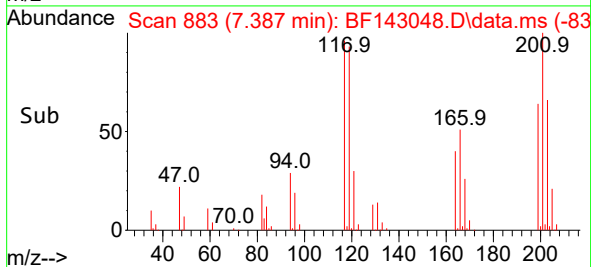
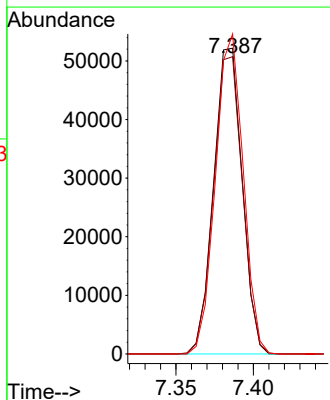
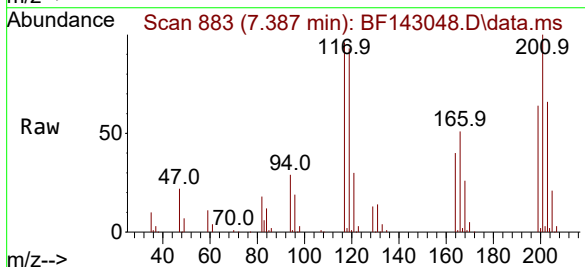
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

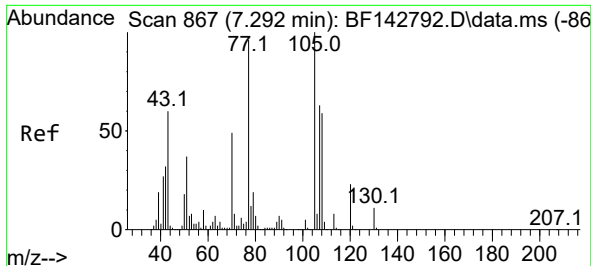
Tgt Ion:107 Resp: 128959
Ion Ratio Lower Upper
107 100
108 112.9 90.9 136.3
77 53.2 37.3 55.9
79 51.2 37.2 55.8



#18
Hexachloroethane
Concen: 39.381 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:117 Resp: 67058
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 104.6 75.9 113.9

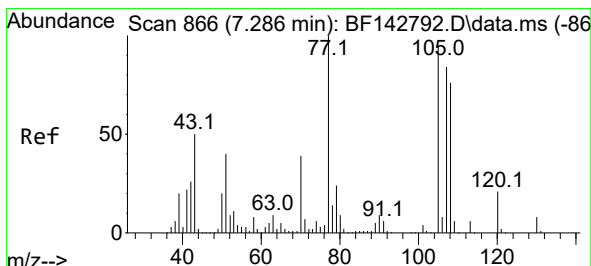
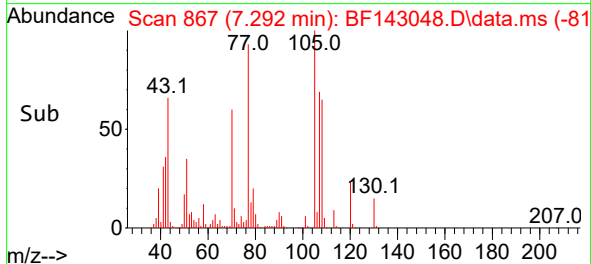
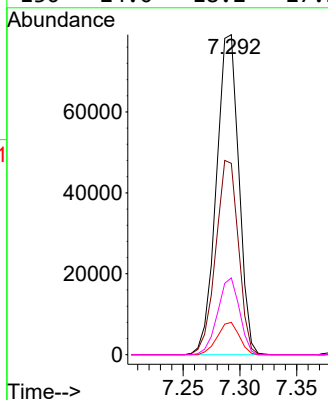
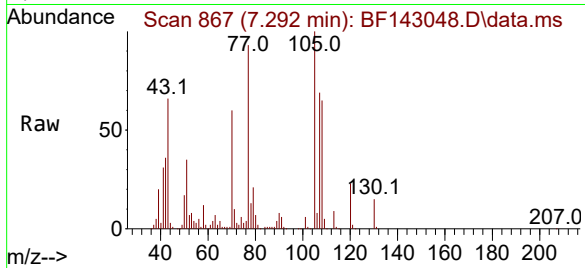




#19
n-Nitroso-di-n-propylamine
Concen: 39.730 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

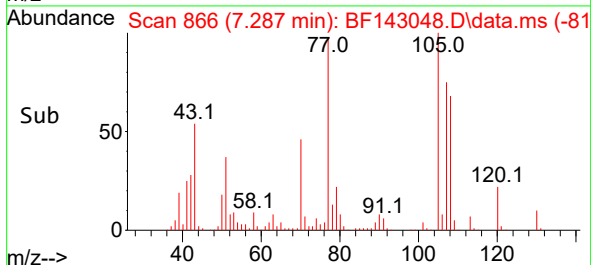
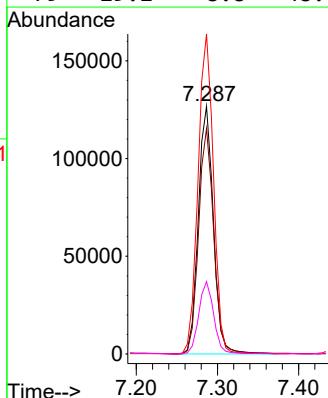
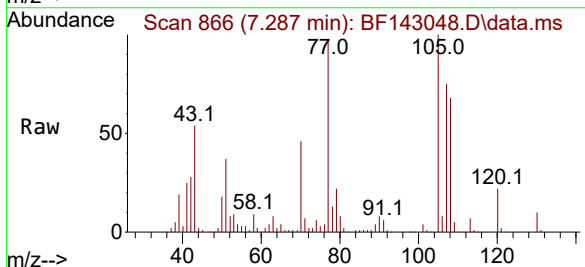
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

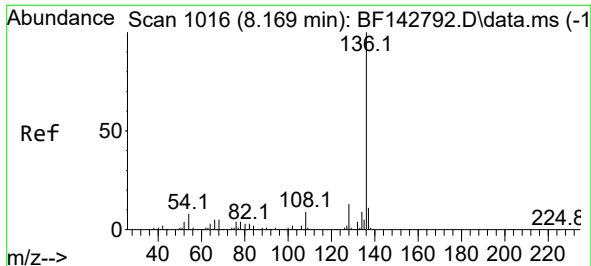
Tgt Ion: 70 Resp: 109039
Ion Ratio Lower Upper
70 100
42 59.8 52.1 78.1
101 10.1 8.2 12.2
130 24.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 107 Resp: 164907
Ion Ratio Lower Upper
107 100
108 91.0 70.0 110.0
77 129.2 98.5 138.5
79 29.2 8.8 48.8

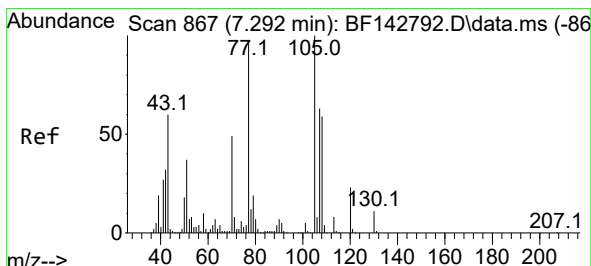
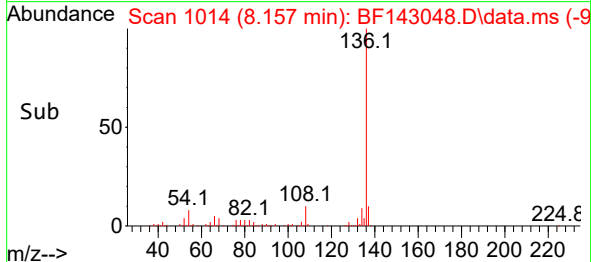
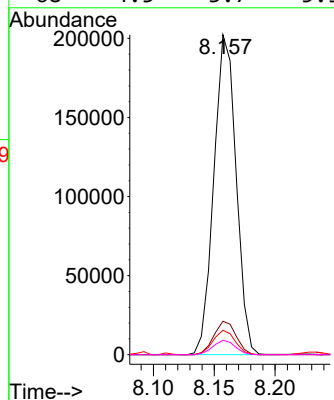
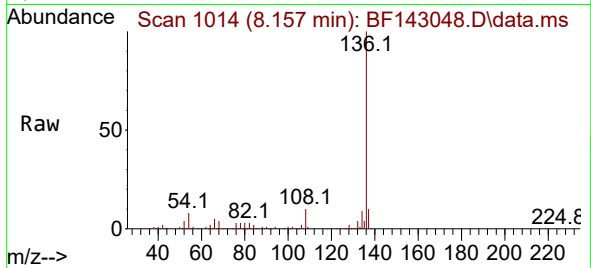




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

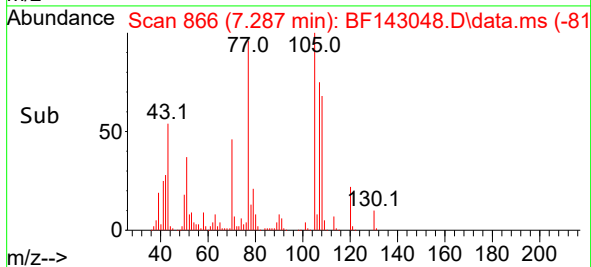
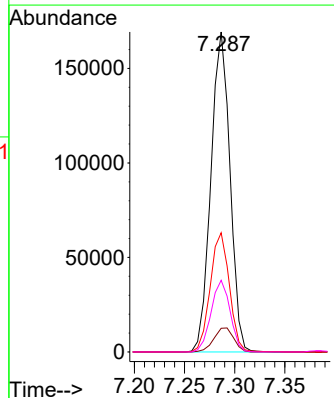
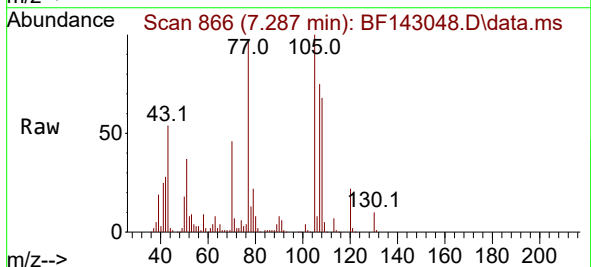
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

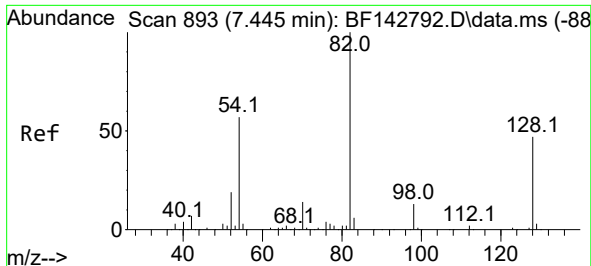
Tgt Ion:136 Resp: 257344
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.6 6.3 9.5
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 39.455 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:105 Resp: 223904
Ion Ratio Lower Upper
105 100
71 7.4 6.5 9.7
51 37.3 29.8 44.8
120 22.4 18.2 27.2

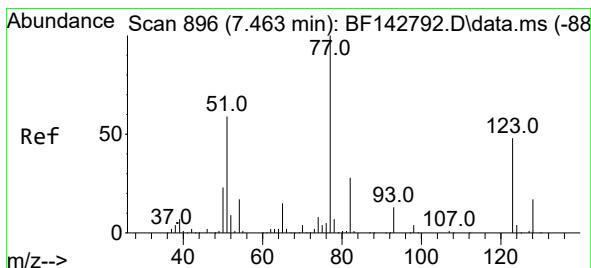
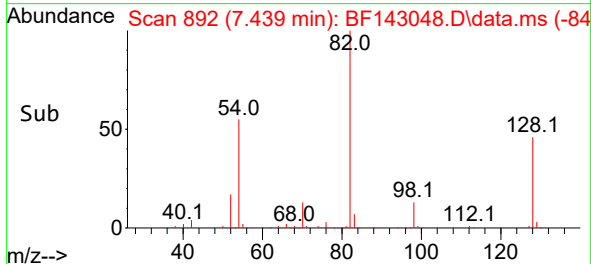
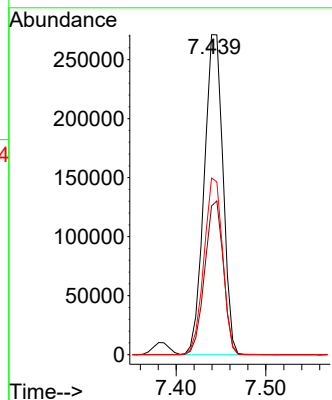
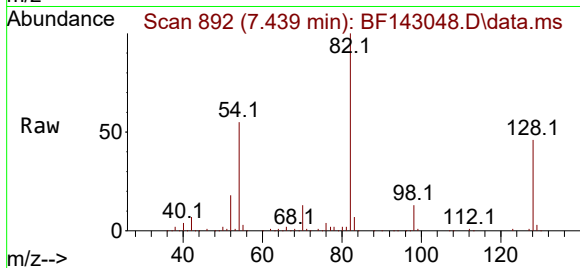




#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

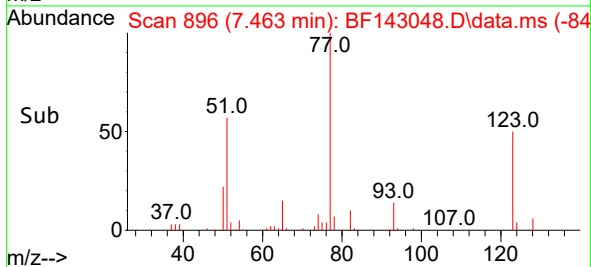
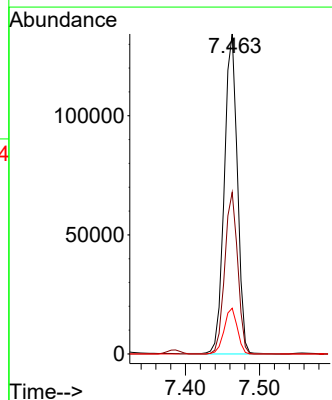
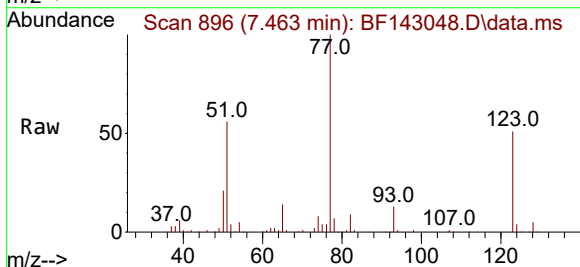
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

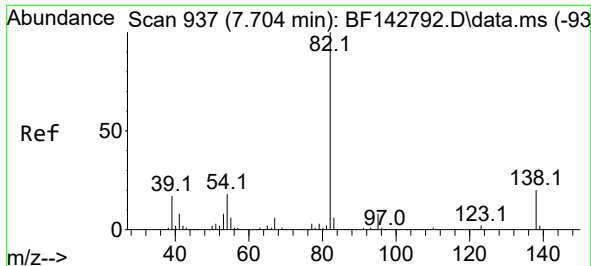
Tgt Ion: 82 Resp: 394718
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 55.2 45.7 68.5



#24
Nitrobenzene
Concen: 38.894 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 77 Resp: 165163
Ion Ratio Lower Upper
77 100
123 50.5 39.2 58.8
65 14.3 11.6 17.4

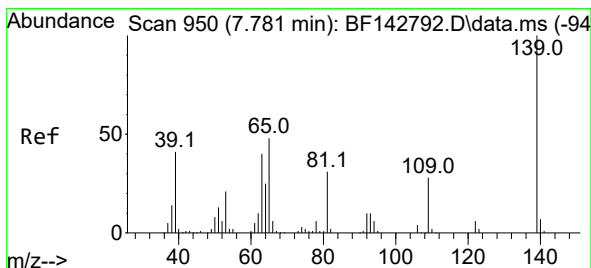
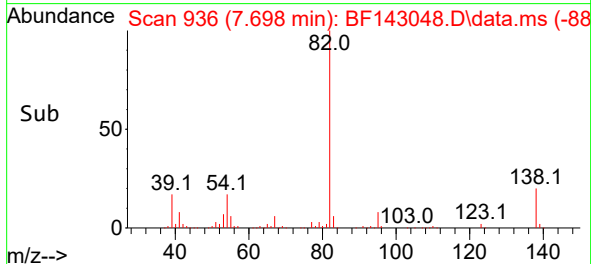
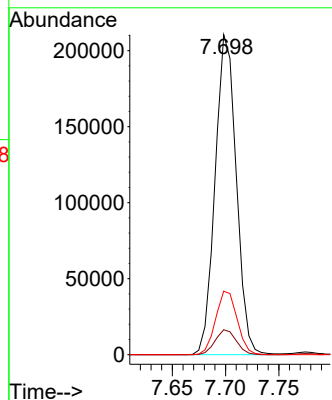
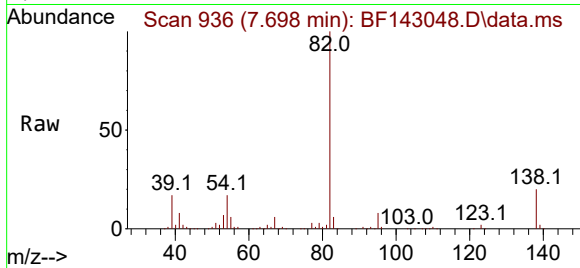




#25
Isophorone
Concen: 38.685 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

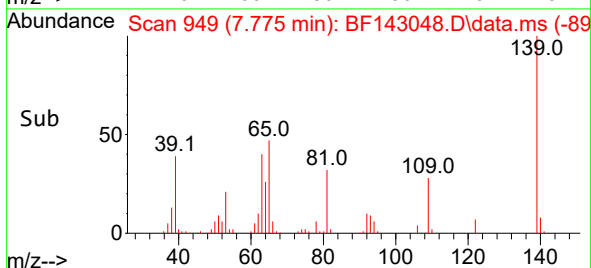
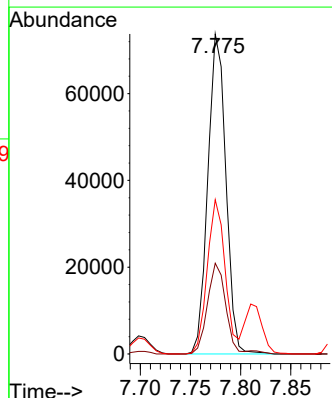
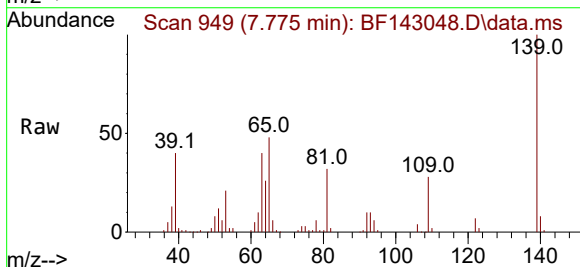
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

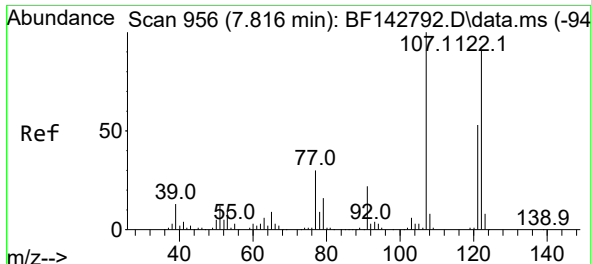
Tgt Ion: 82 Resp: 291150
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 19.9 16.2 24.4



#26
2-Nitrophenol
Concen: 39.996 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:139 Resp: 92518
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 48.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 38.323 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

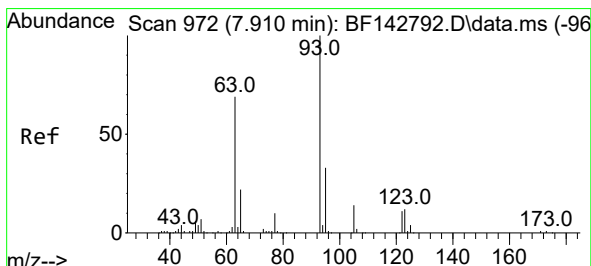
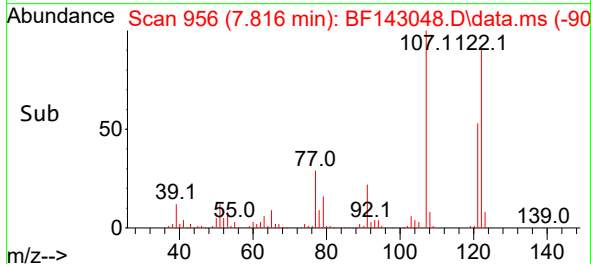
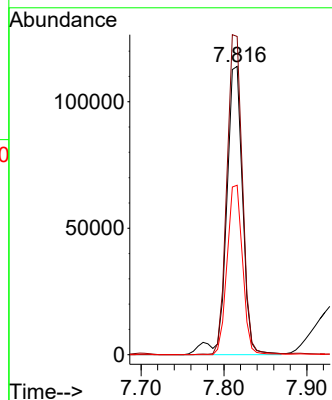
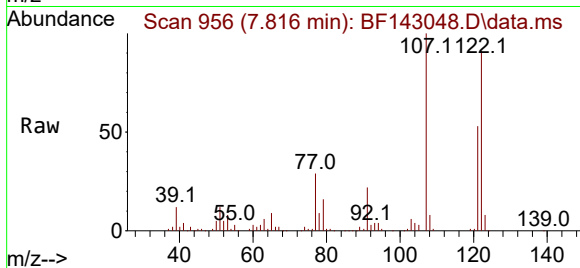
Tgt Ion:122 Resp: 153557

Ion Ratio Lower Upper

122 100

107 110.4 88.0 132.0

121 58.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.139 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

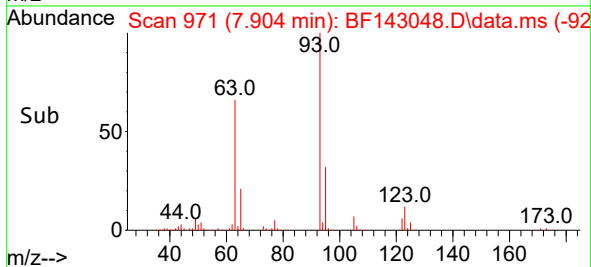
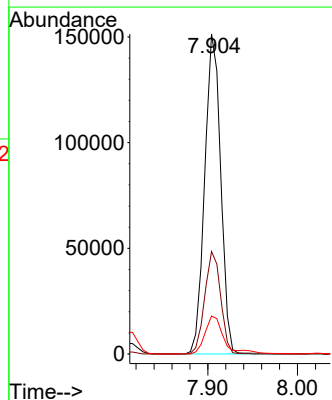
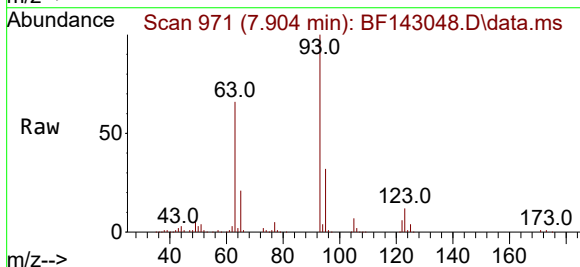
Tgt Ion: 93 Resp: 187275

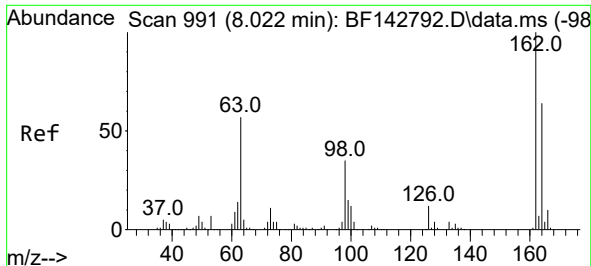
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

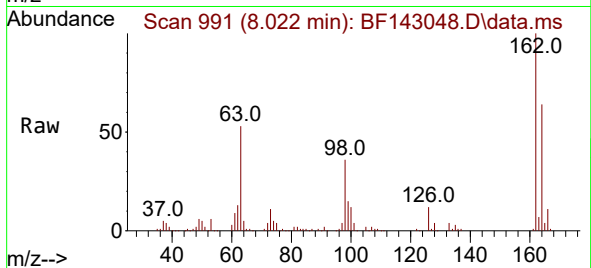
123 11.8 9.9 14.9



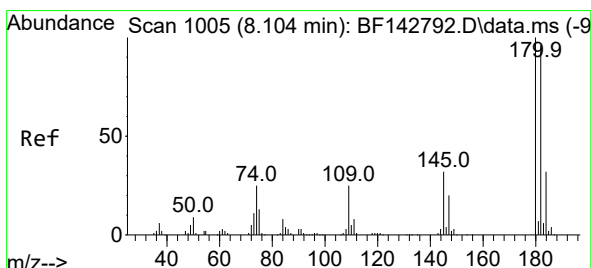
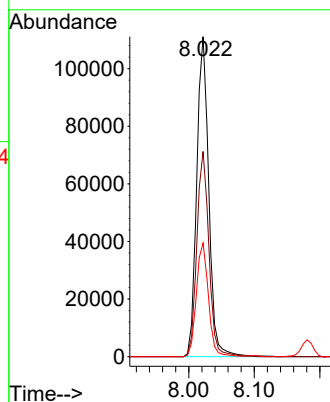
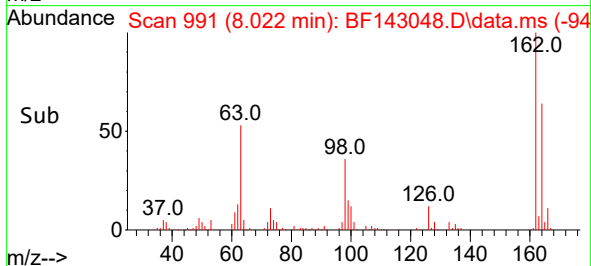


#29
2,4-Dichlorophenol
Concen: 39.186 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

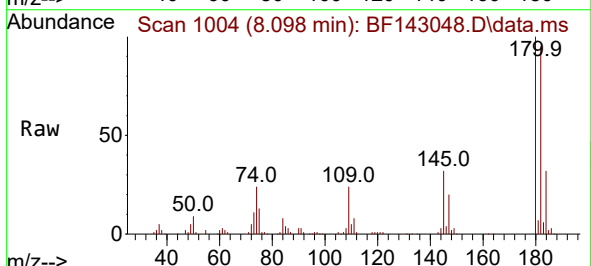
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



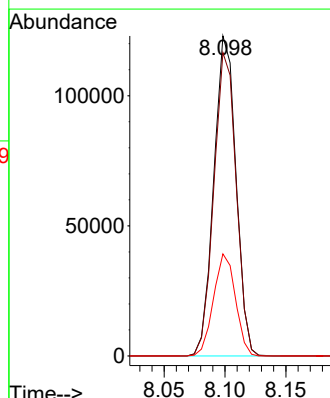
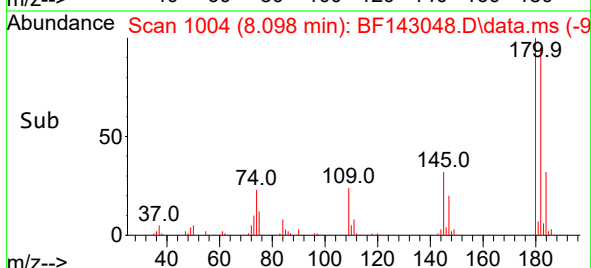
Tgt Ion:162 Resp: 142368
Ion Ratio Lower Upper
162 100
164 64.1 44.0 84.0
98 35.5 15.4 55.4

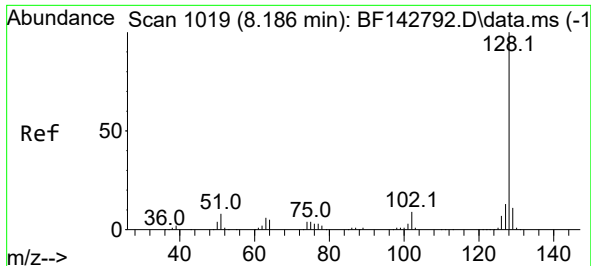


#30
1,2,4-Trichlorobenzene
Concen: 38.924 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52



Tgt Ion:180 Resp: 155501
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 31.9 25.8 38.8

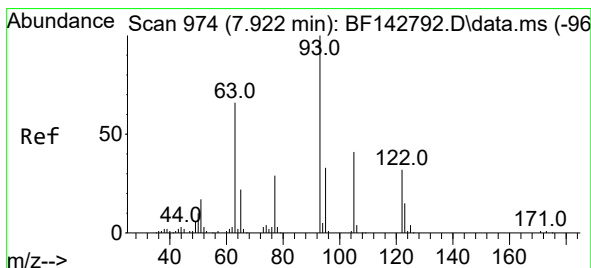
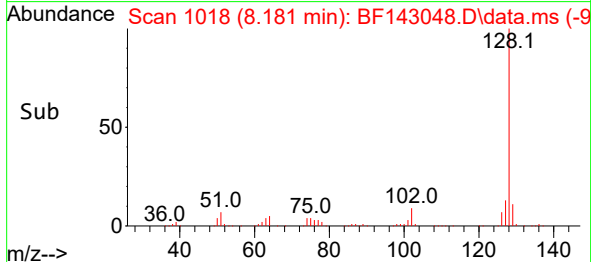
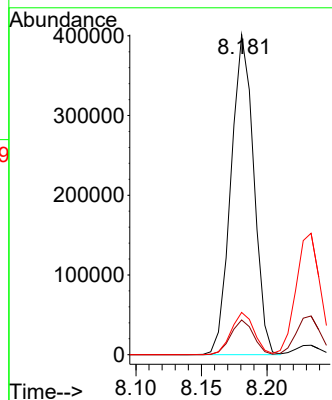
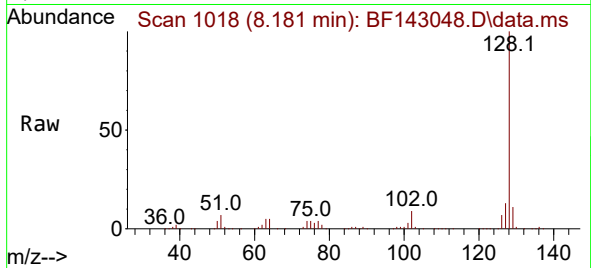




#31
Naphthalene
Concen: 38.510 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

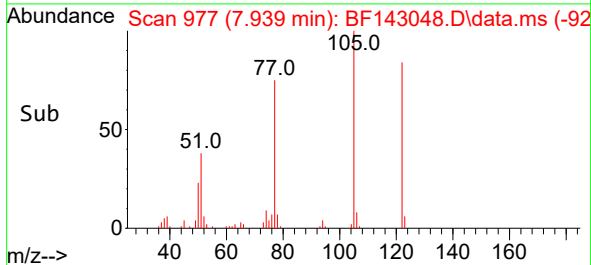
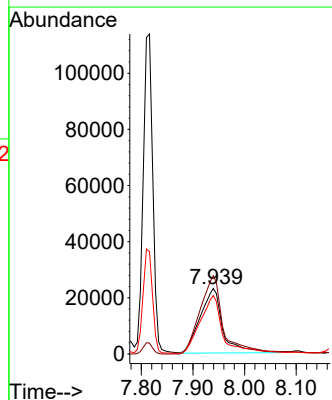
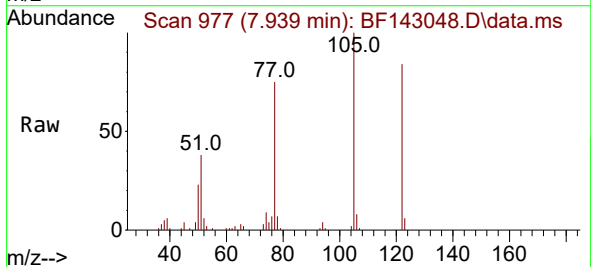
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

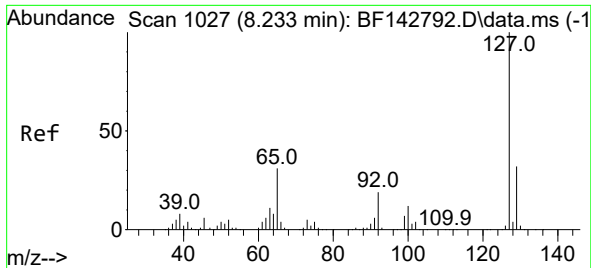
Tgt Ion:128 Resp: 485090
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 34.368 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:122 Resp: 70188
Ion Ratio Lower Upper
122 100
105 119.7 104.7 144.7
77 89.3 70.2 110.2

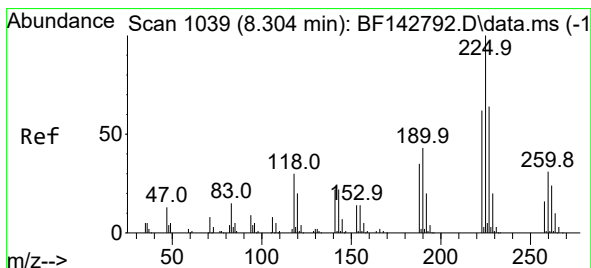
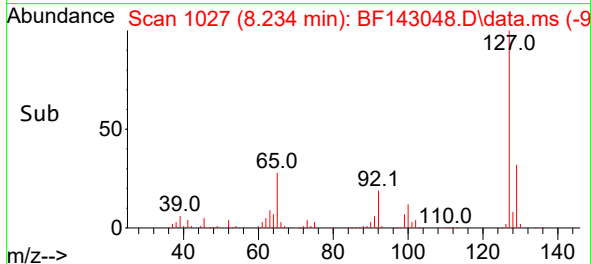
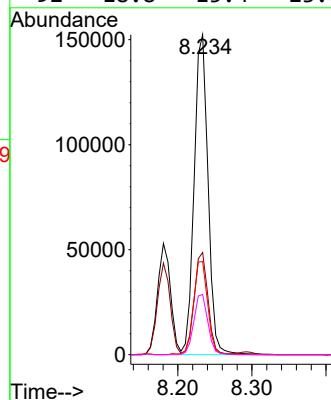
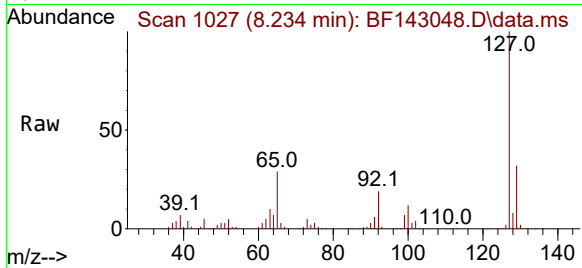




#33
4-Chloroaniline
Concen: 38.729 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

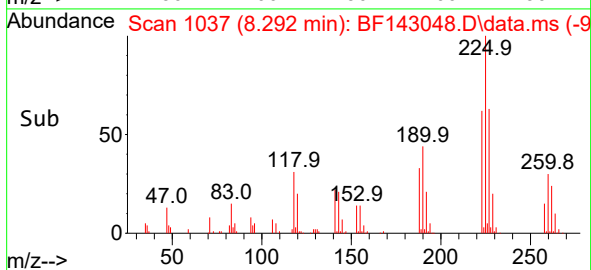
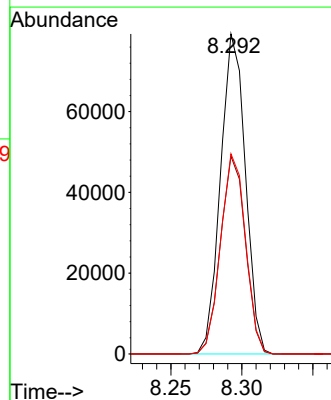
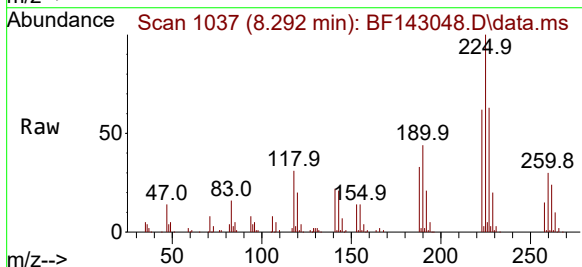
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

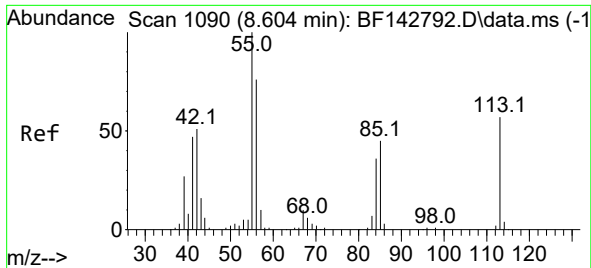
Tgt Ion:	127	Resp:	198369
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.1	24.6	36.8
92	18.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.459 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:	225	Resp:	96425
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	62.6	51.4	77.0

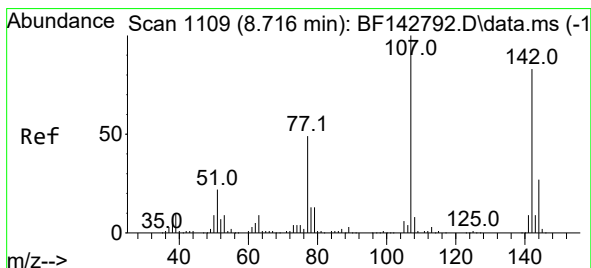
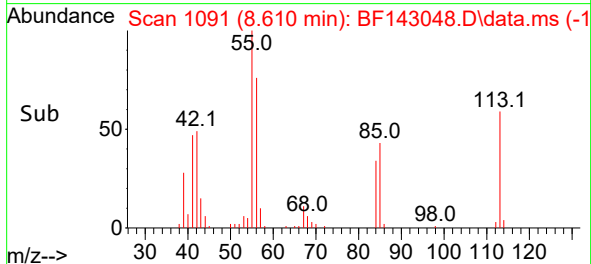
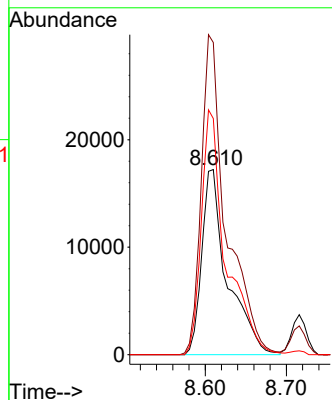
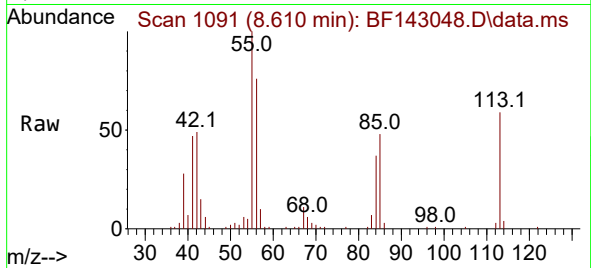




#35
Caprolactam
Concen: 39.295 ng
RT: 8.610 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

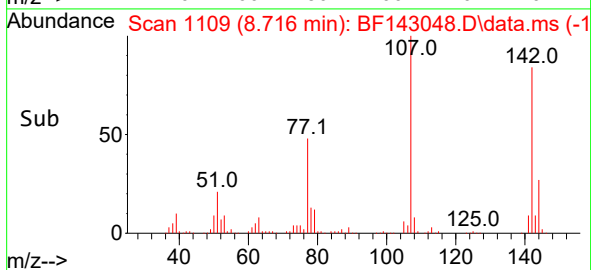
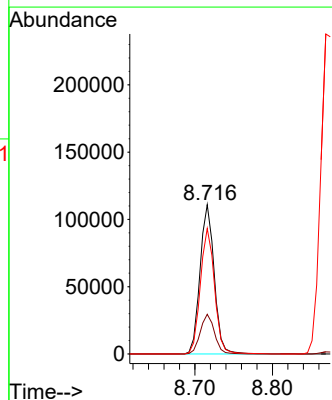
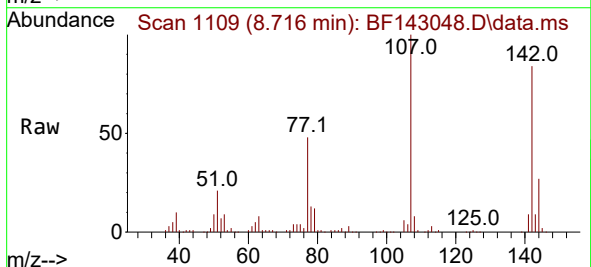
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

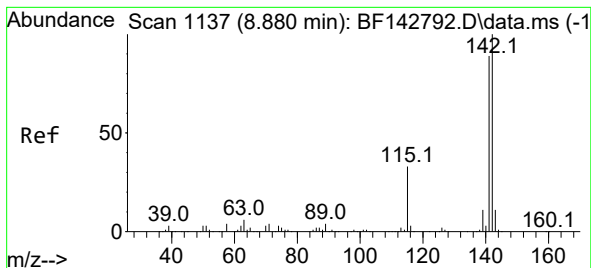
Tgt Ion:113 Resp: 37672
Ion Ratio Lower Upper
113 100
55 168.6 154.4 194.4
56 127.5 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 39.110 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:107 Resp: 141216
Ion Ratio Lower Upper
107 100
144 26.5 21.3 31.9
142 84.0 66.6 100.0

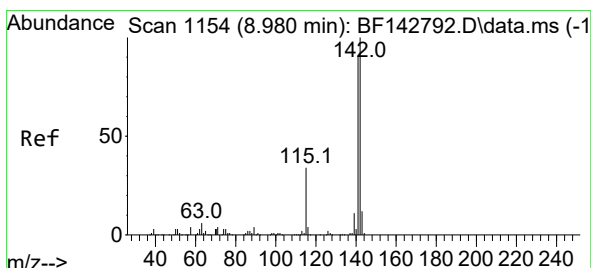
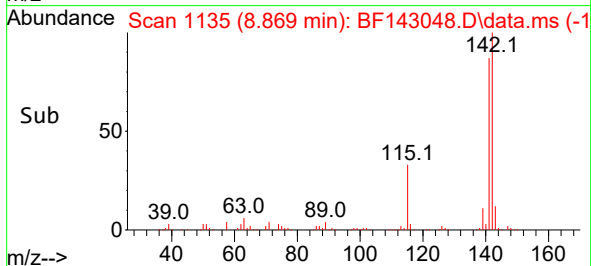
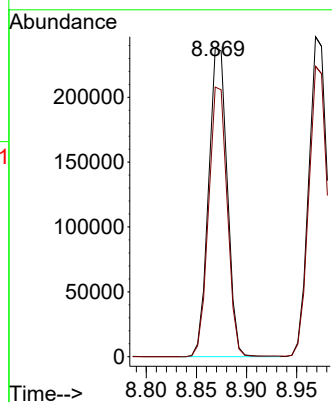
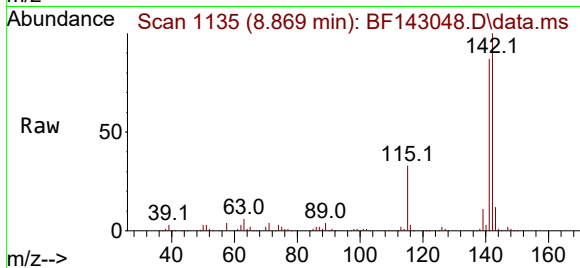




#37
2-Methylnaphthalene
Concen: 39.399 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

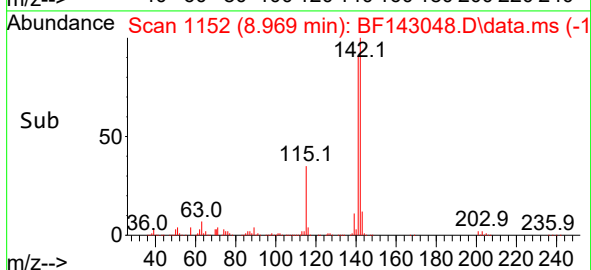
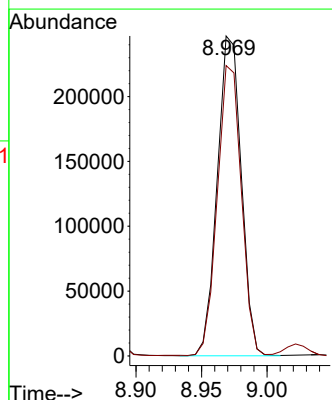
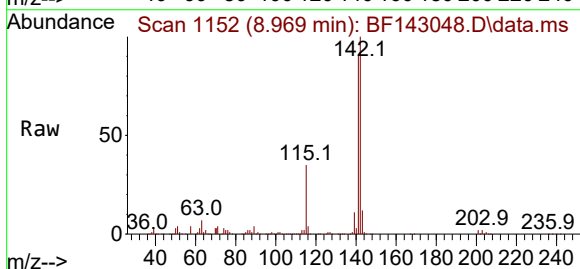
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

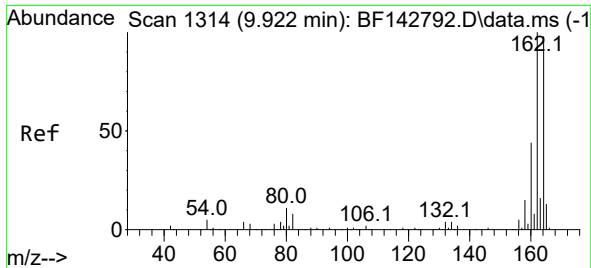
Tgt Ion:142 Resp: 307684
Ion Ratio Lower Upper
142 100
141 87.4 70.9 106.3



#38
1-Methylnaphthalene
Concen: 38.726 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:142 Resp: 313072
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4

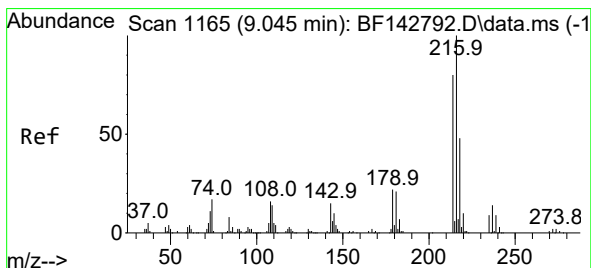
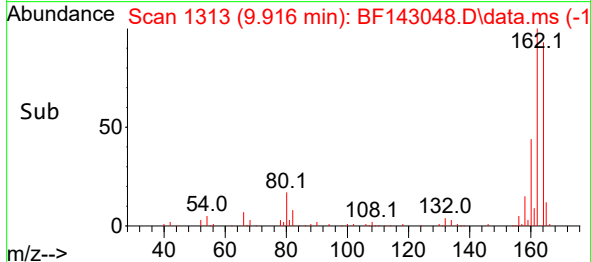
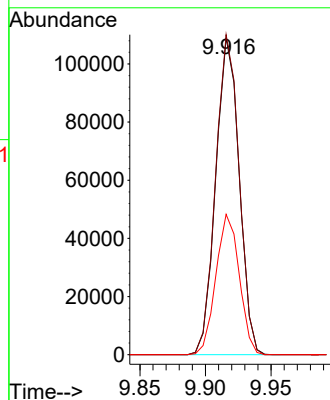
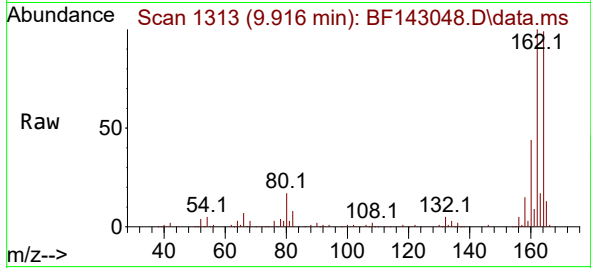




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

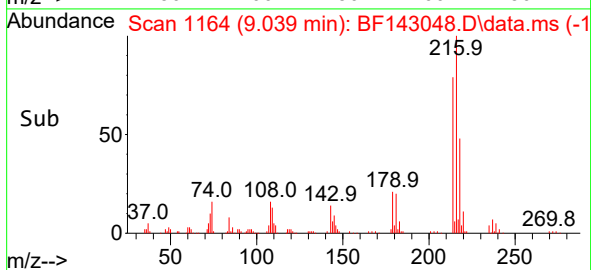
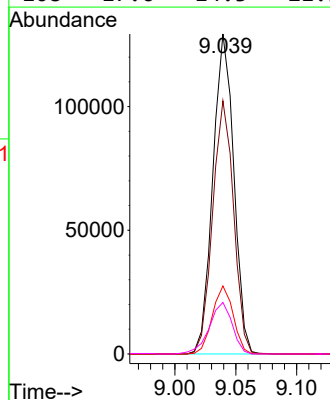
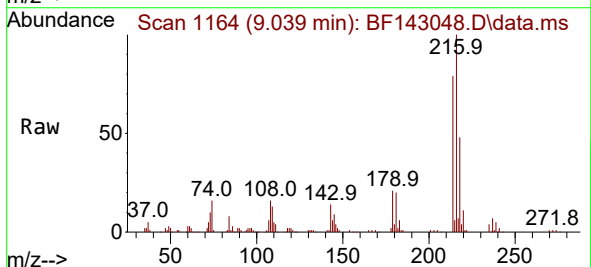
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

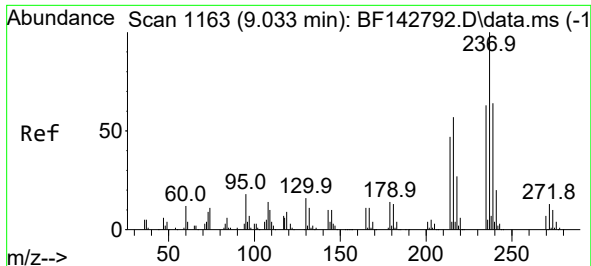
Tgt Ion:164 Resp: 135062
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.8
160 44.3 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.800 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:216 Resp: 154627
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.1 17.6 26.4
108 17.6 14.3 21.5

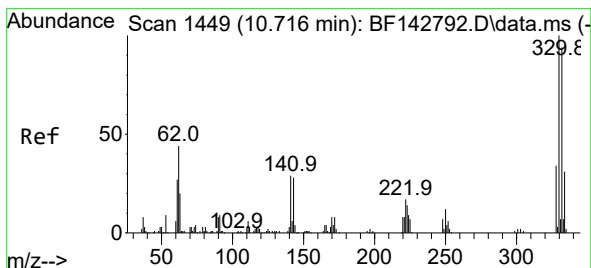
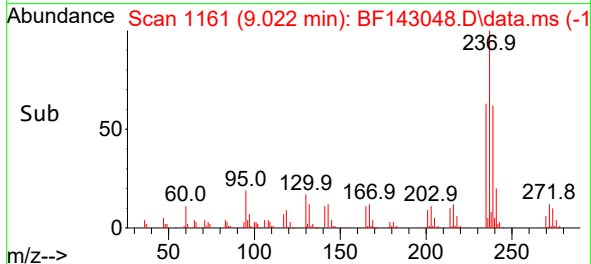
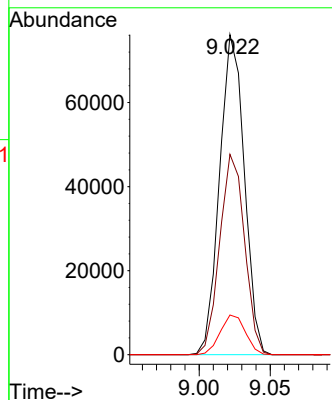
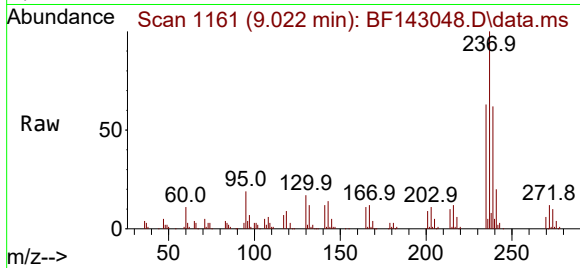




#41
Hexachlorocyclopentadiene
Concen: 40.772 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

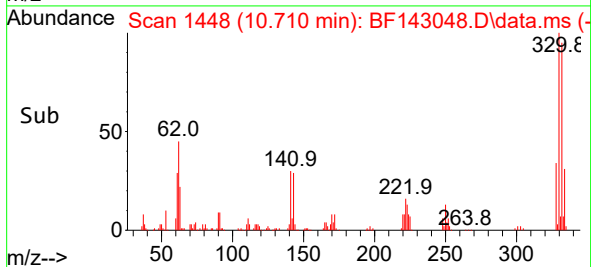
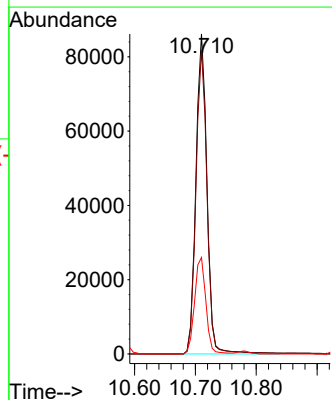
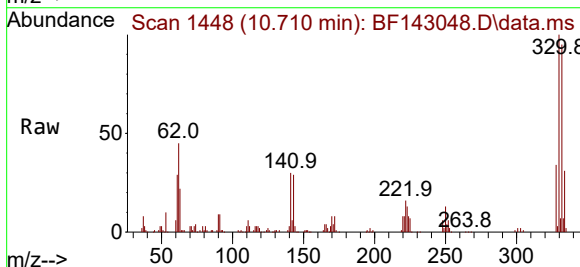
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

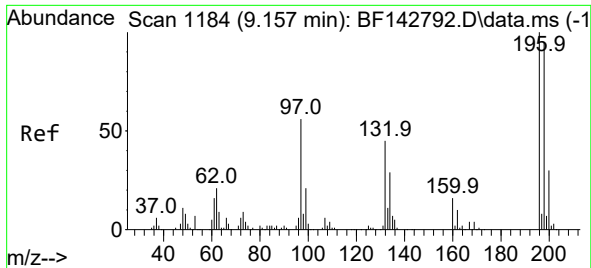
Tgt Ion:237 Resp: 92207
Ion Ratio Lower Upper
237 100
235 62.6 43.4 83.4
272 12.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 78.425 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:330 Resp: 109001
Ion Ratio Lower Upper
330 100
332 95.0 75.0 112.6
141 30.6 25.3 37.9

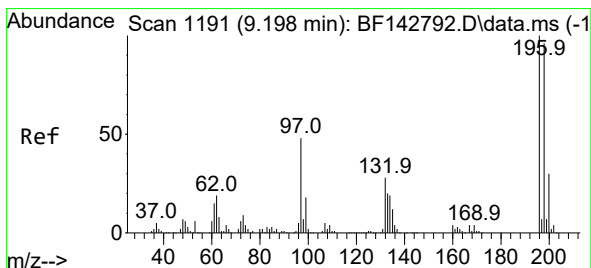
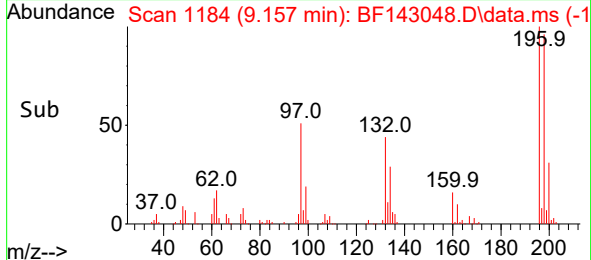
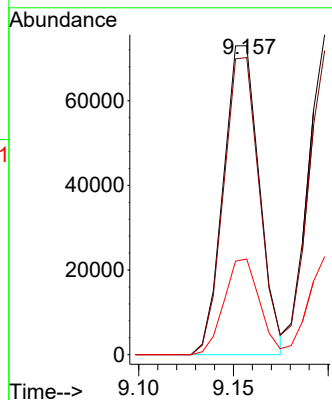
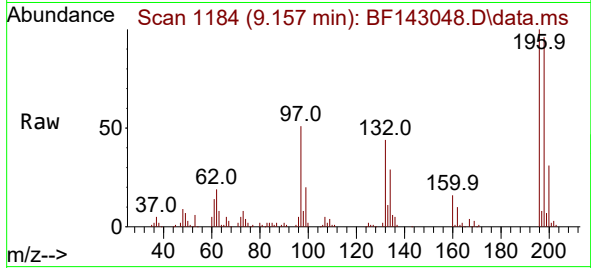




#43
 2,4,6-Trichlorophenol
 Concen: 37.080 ng
 RT: 9.157 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BF143048.D
 Acq: 09 Jul 2025 10:52

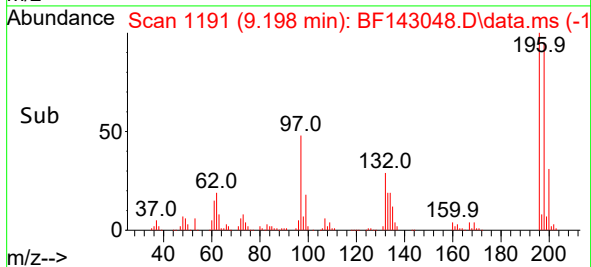
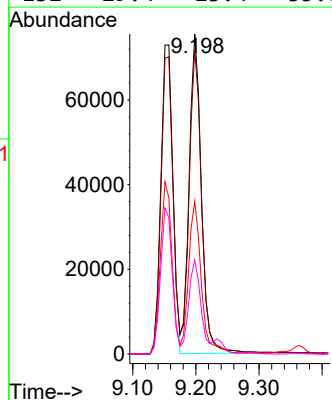
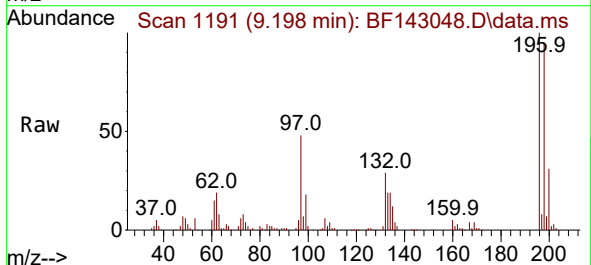
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

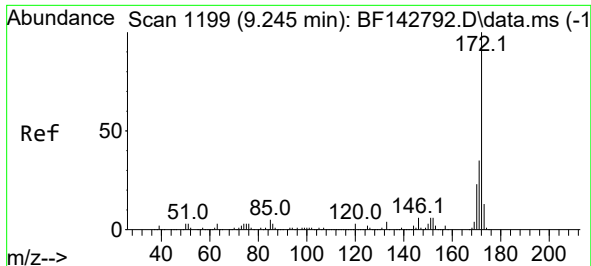
Tgt Ion:196 Resp: 96292
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.2
 200 31.0 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.440 ng
 RT: 9.198 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BF143048.D
 Acq: 09 Jul 2025 10:52

Tgt Ion:196 Resp: 102349
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.6 115.0
 97 47.7 38.2 57.2
 132 29.4 23.4 35.0

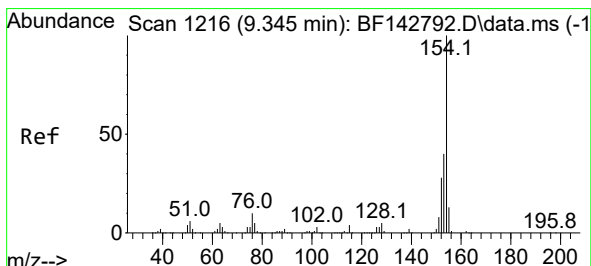
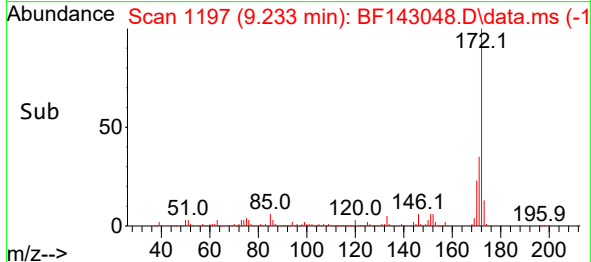
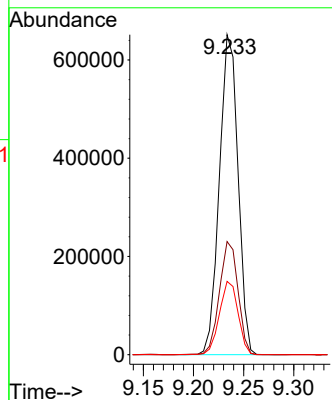
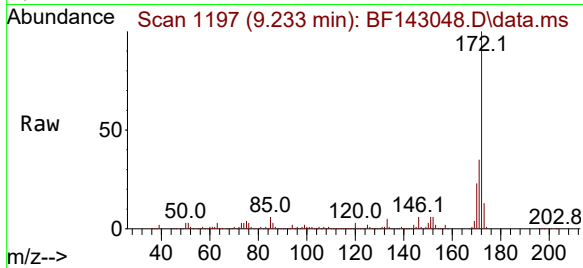




#45
2-Fluorobiphenyl
Concen: 81.687 ng
RT: 9.233 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

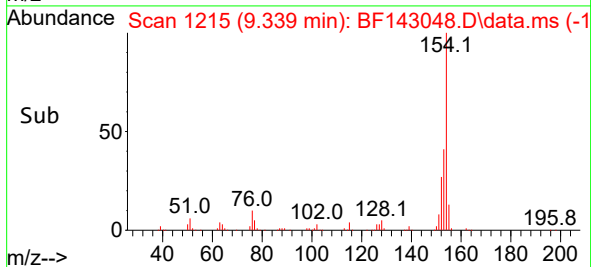
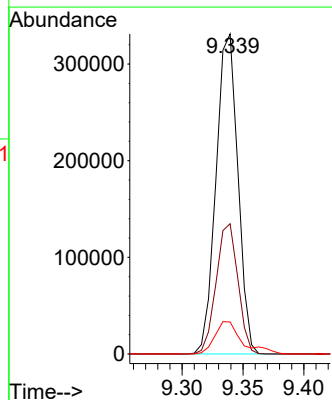
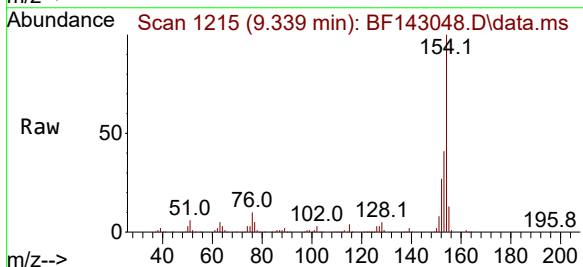
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

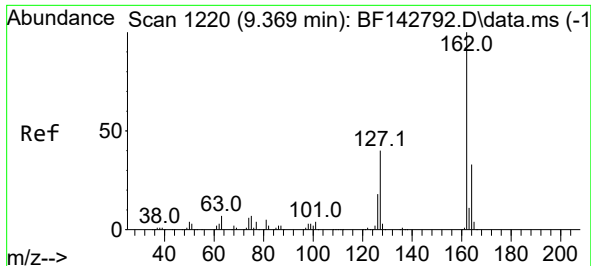
Tgt Ion:172 Resp: 839846
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 38.796 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:154 Resp: 413921
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 10.0 0.0 30.3

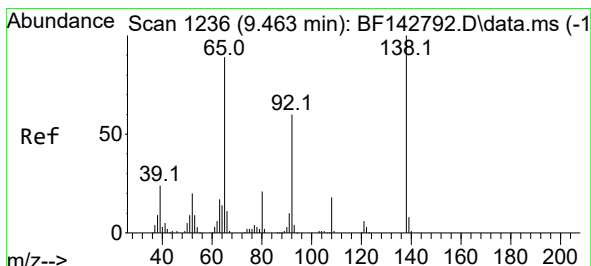
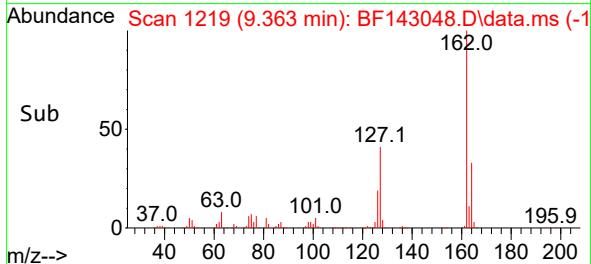
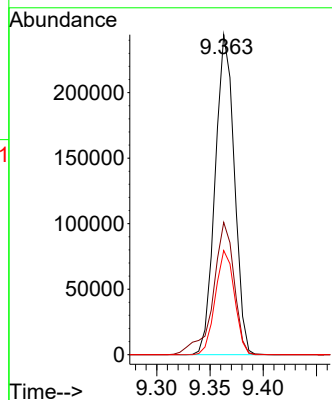
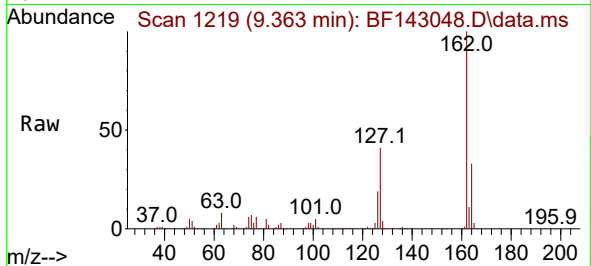




#47
2-Chloronaphthalene
Concen: 38.255 ng
RT: 9.363 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

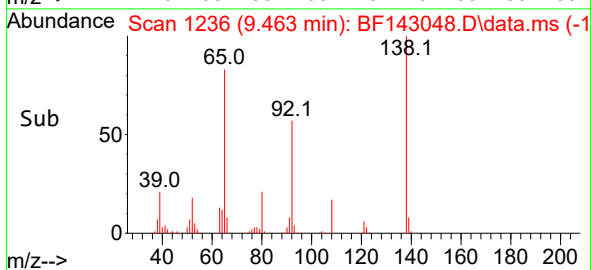
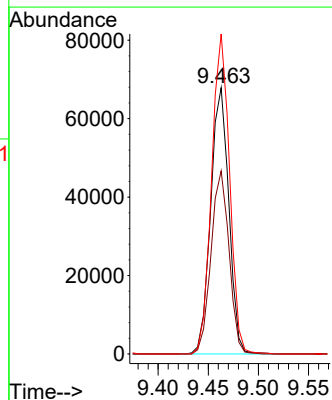
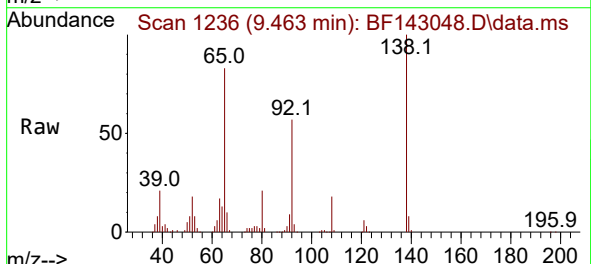
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

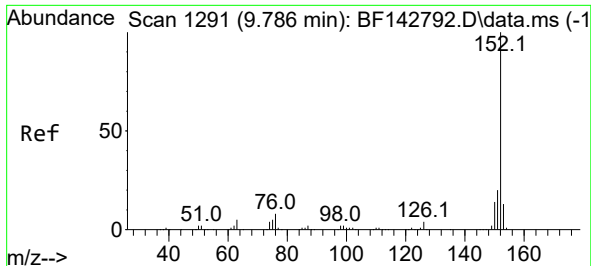
Tgt Ion:162 Resp: 306289
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.2
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 38.099 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 65 Resp: 85518
Ion Ratio Lower Upper
65 100
92 68.8 53.8 80.6
138 120.2 89.6 134.4

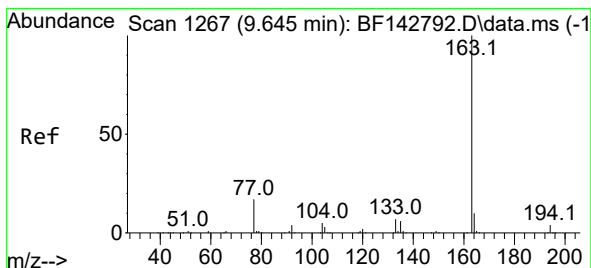
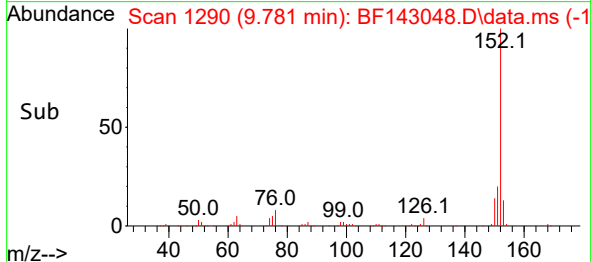
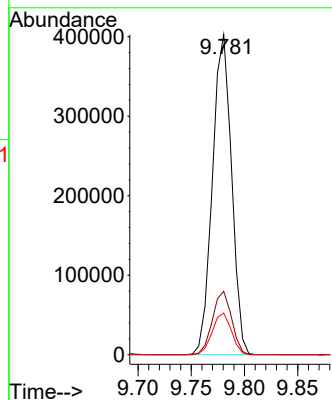
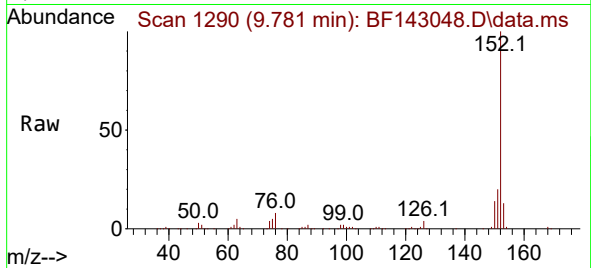




#49
Acenaphthylene
Concen: 38.176 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

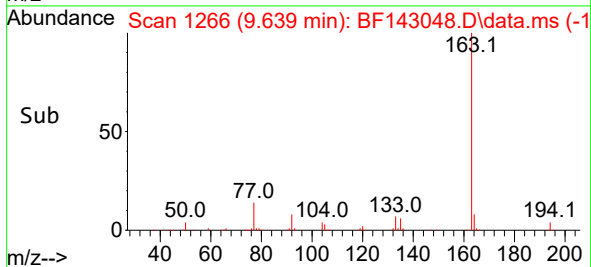
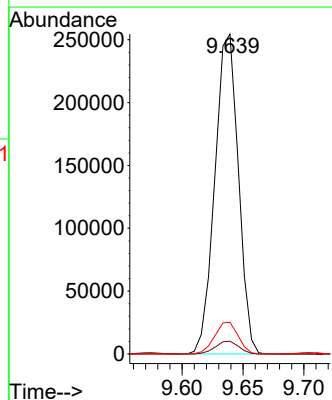
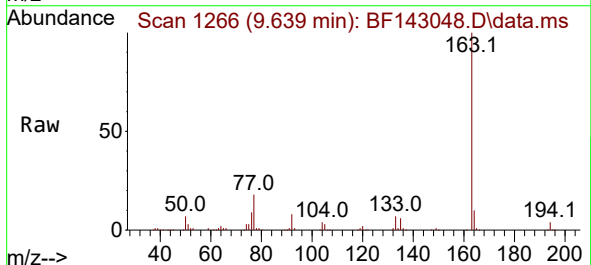
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

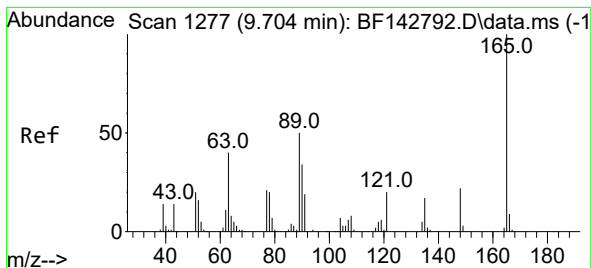
Tgt Ion:152 Resp: 503177
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 39.177 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:163 Resp: 342506
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.0 12.0

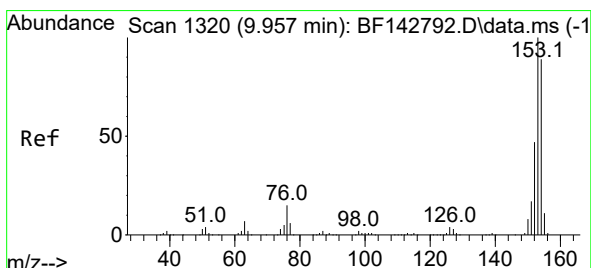
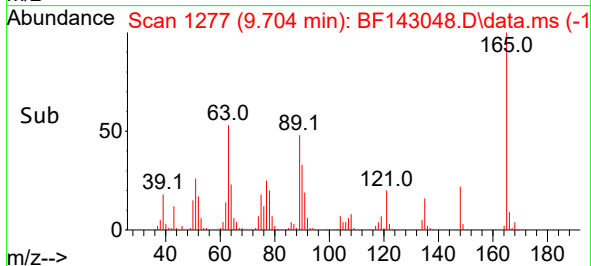
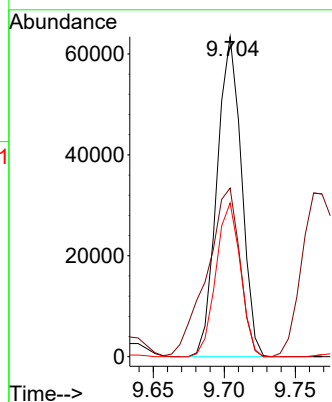
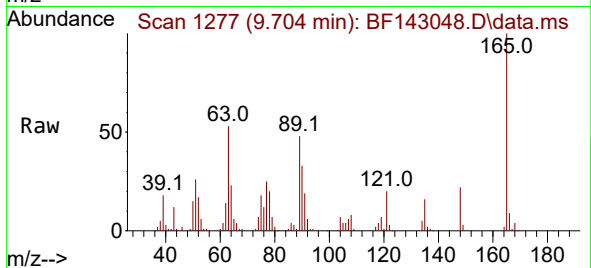




#51
2,6-Dinitrotoluene
Concen: 39.500 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

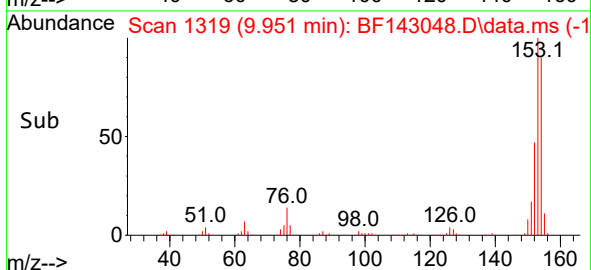
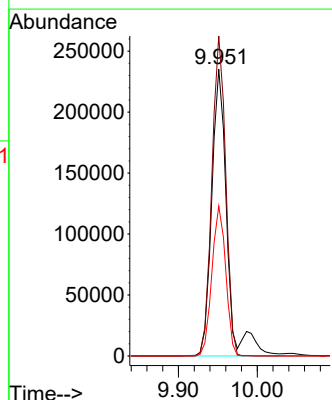
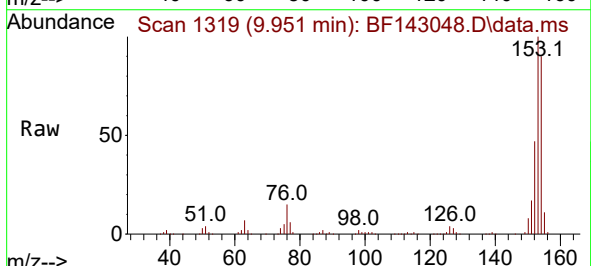
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

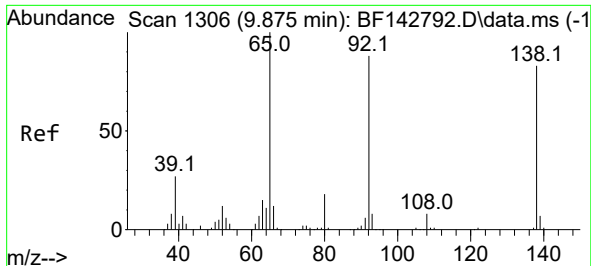
Tgt Ion:165 Resp: 75838
Ion Ratio Lower Upper
165 100
63 52.7 44.2 66.4
89 48.1 39.8 59.8



#52
Acenaphthene
Concen: 39.371 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

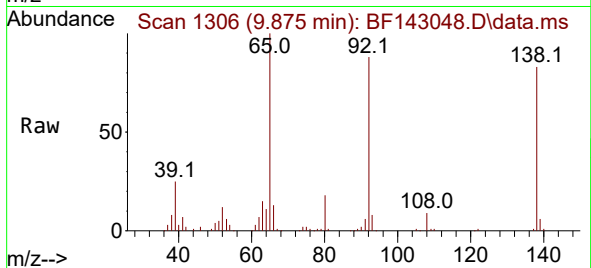
Tgt Ion:154 Resp: 316605
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 52.3 41.9 62.9



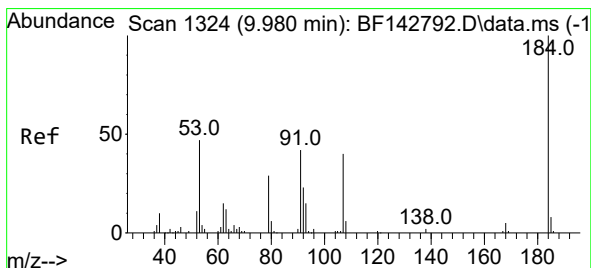
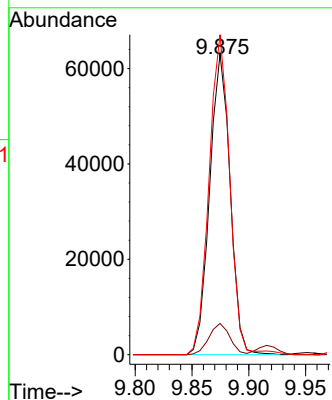
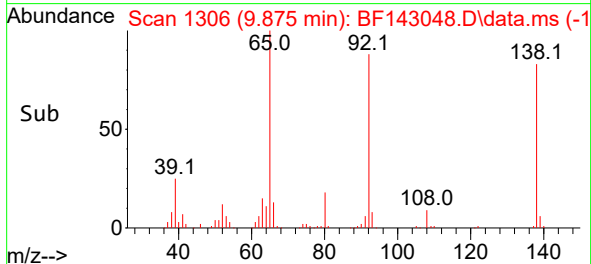


#53
3-Nitroaniline
Concen: 37.342 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

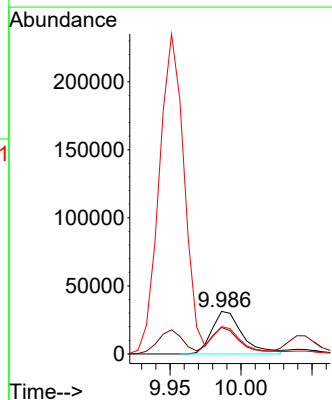
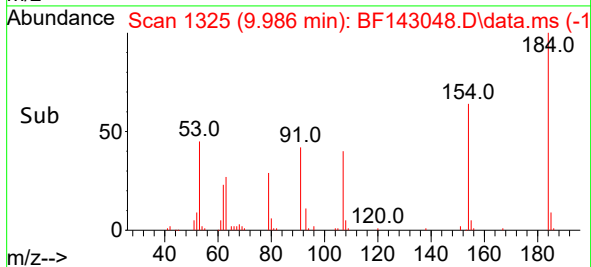
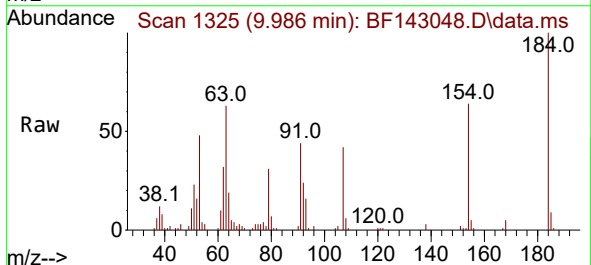


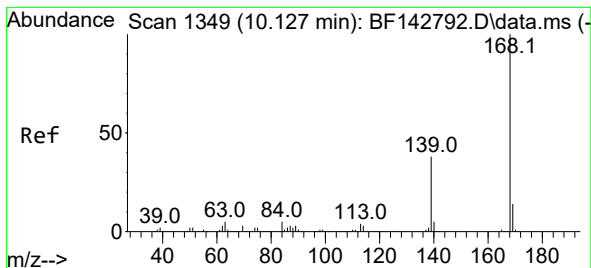
Tgt Ion:138 Resp: 78937
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 106.5 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 48.583 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:184 Resp: 46706
Ion Ratio Lower Upper
184 100
63 62.6 50.6 75.8
154 64.2 51.8 77.8





#55

Dibenzenofuran

Concen: 38.190 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

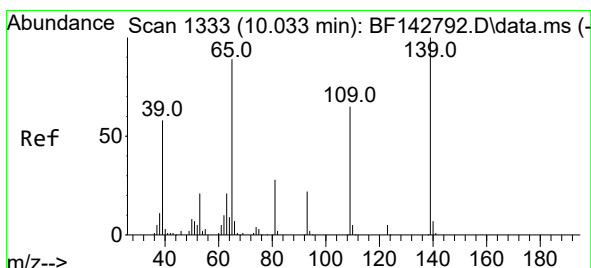
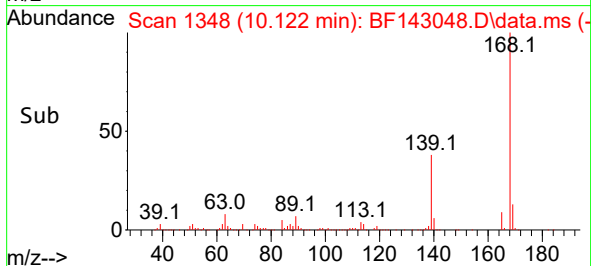
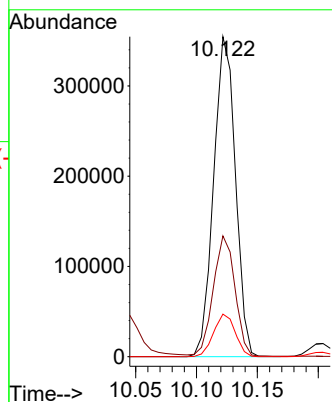
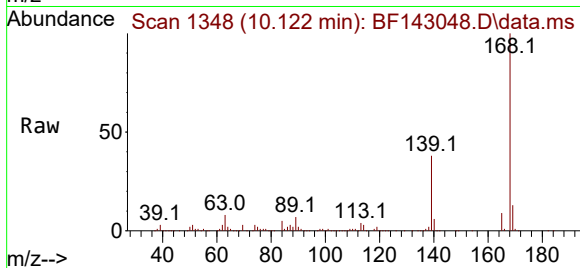
Tgt Ion:168 Resp: 440391

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 46.654 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

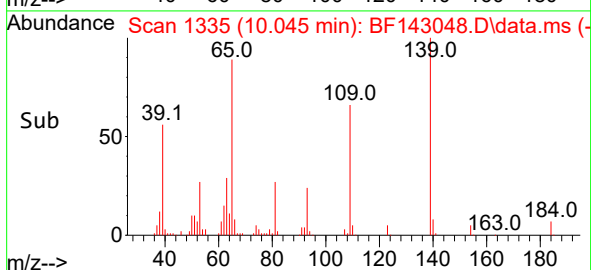
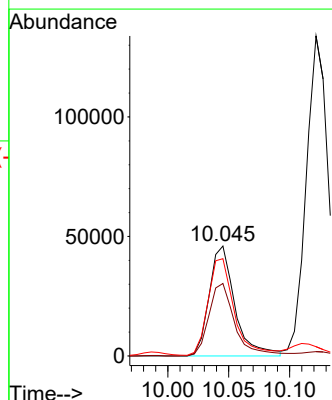
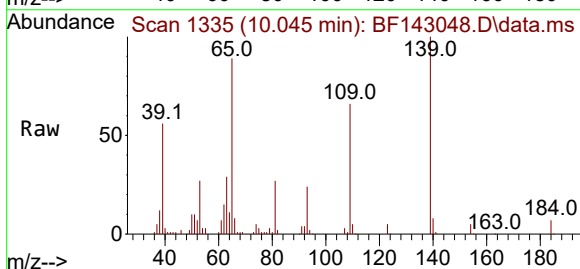
Tgt Ion:139 Resp: 67517

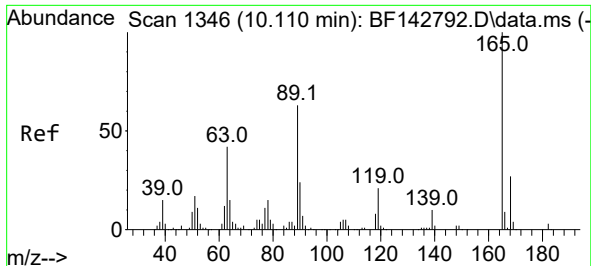
Ion Ratio Lower Upper

139 100

109 65.9 44.7 84.7

65 88.5 69.8 109.8

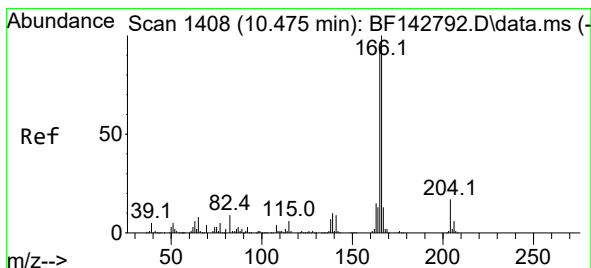
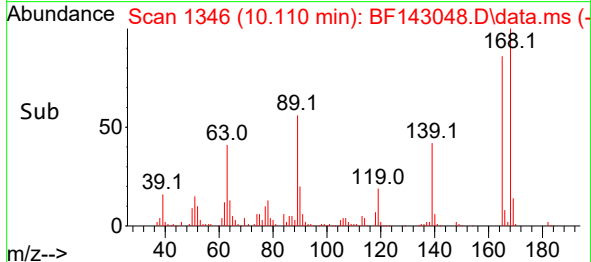
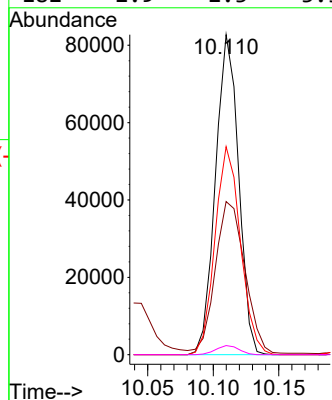
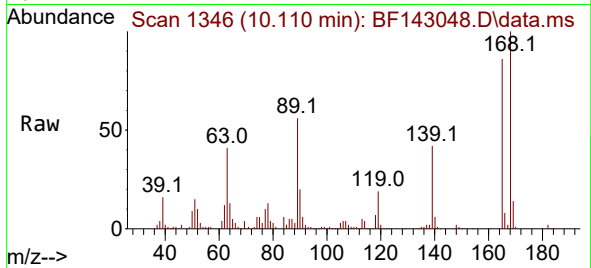




#57
2,4-Dinitrotoluene
Concen: 39.687 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

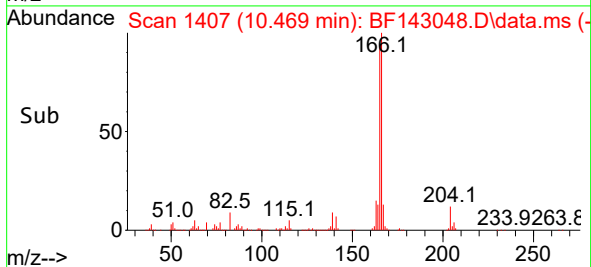
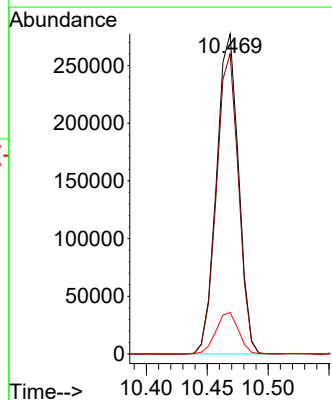
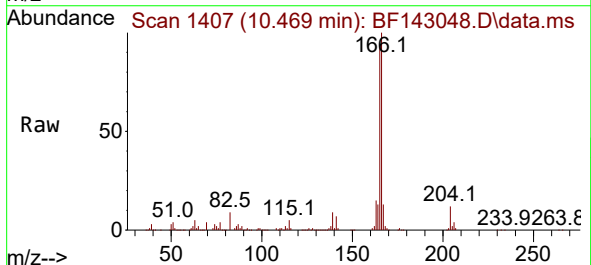
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

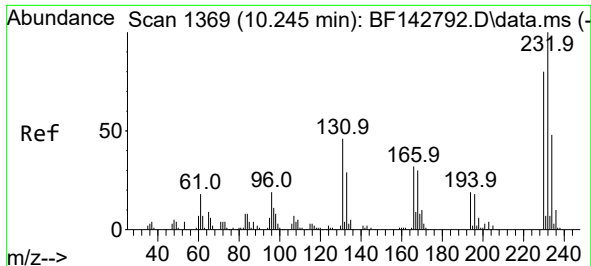
Tgt Ion:165 Resp: 101213
Ion Ratio Lower Upper
165 100
63 47.8 33.9 50.9
89 65.0 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.743 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:166 Resp: 348917
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.0 10.6 15.8

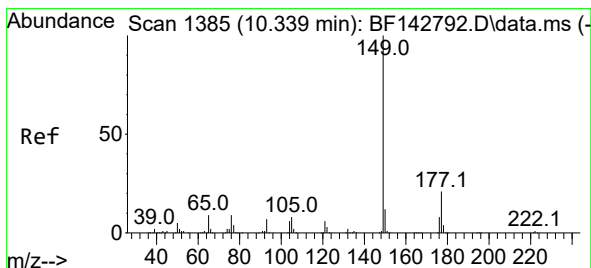
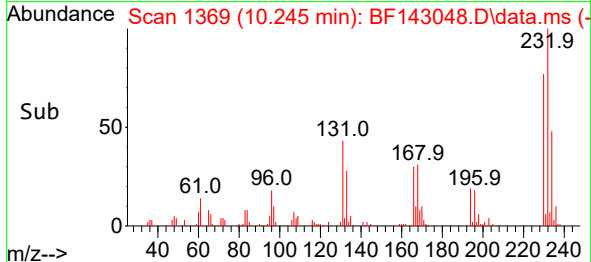
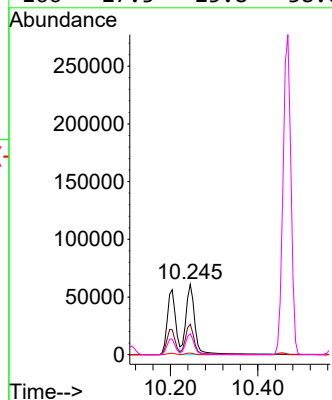
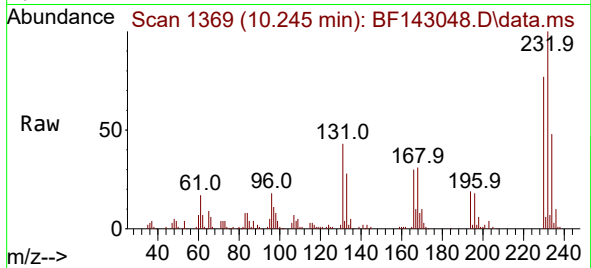




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.043 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

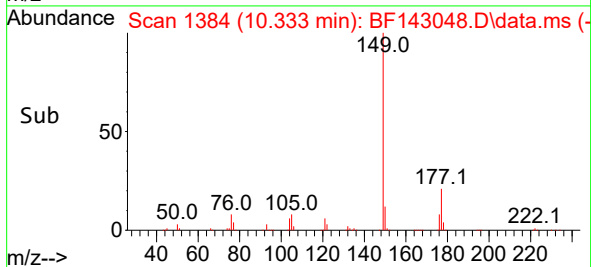
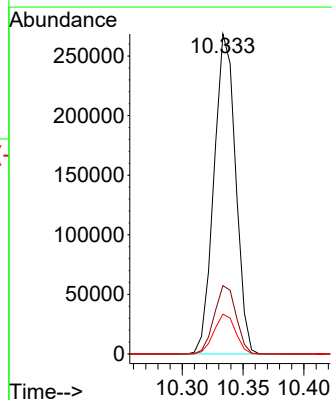
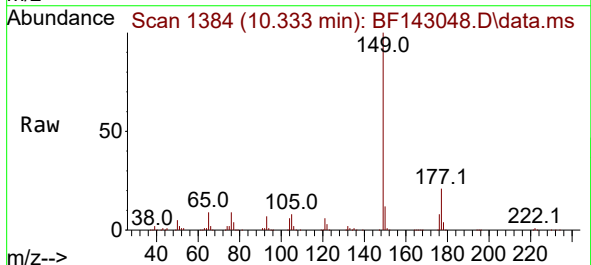
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

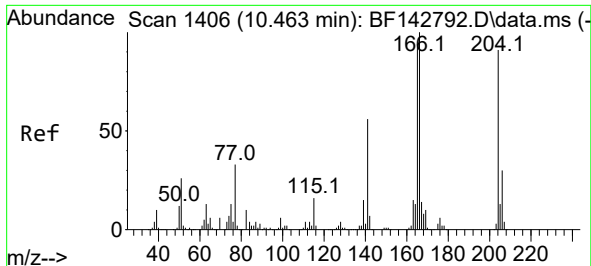
Tgt Ion:232 Resp: 86032
Ion Ratio Lower Upper
232 100
131 41.5 37.6 56.4
130 2.2 1.7 2.5
166 27.5 25.8 38.6



#60
Diethylphthalate
Concen: 38.796 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 332556
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.5 9.8 14.6

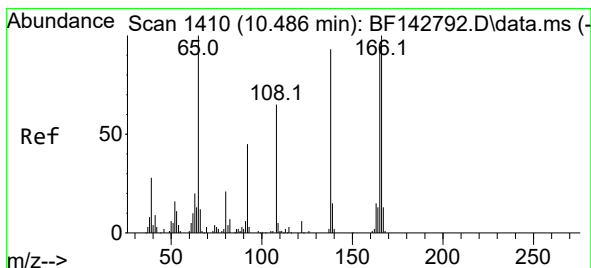
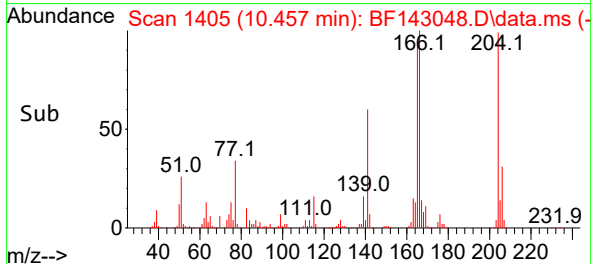
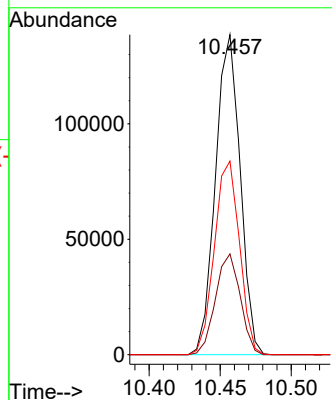
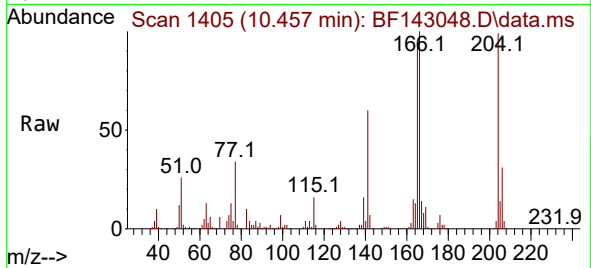




#61
4-Chlorophenyl-phenylether
Concen: 38.996 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

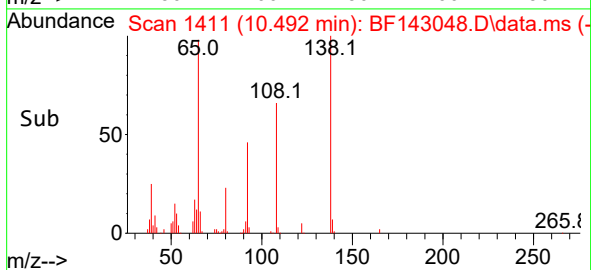
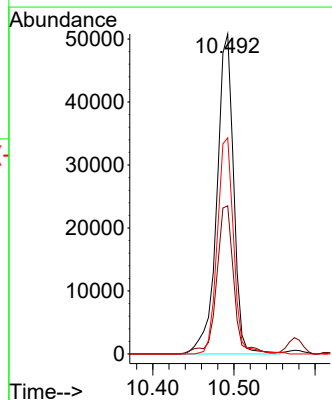
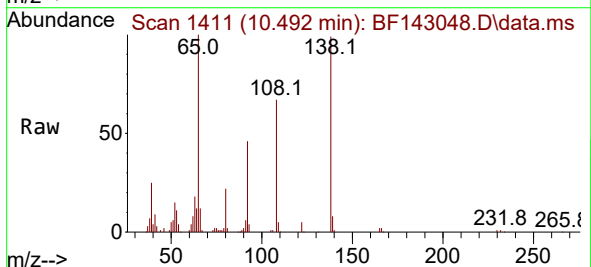
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

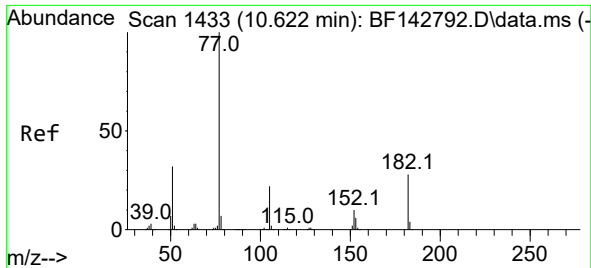
Tgt Ion:204 Resp: 167583
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 60.5 49.1 73.7



#62
4-Nitroaniline
Concen: 37.820 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:138 Resp: 73117
Ion Ratio Lower Upper
138 100
92 46.3 28.4 68.4
108 67.5 50.2 90.2

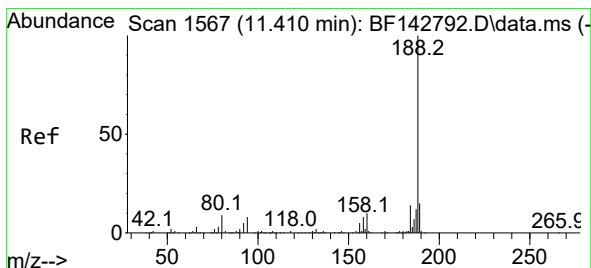
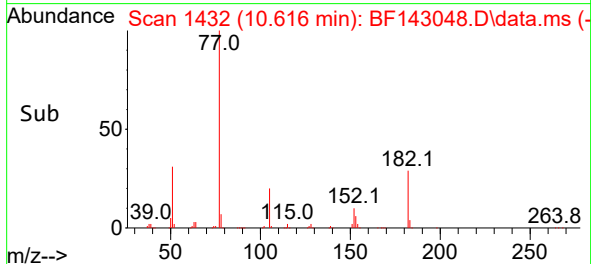
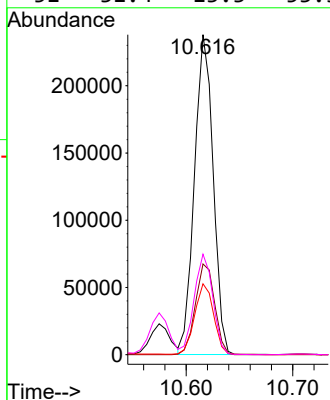
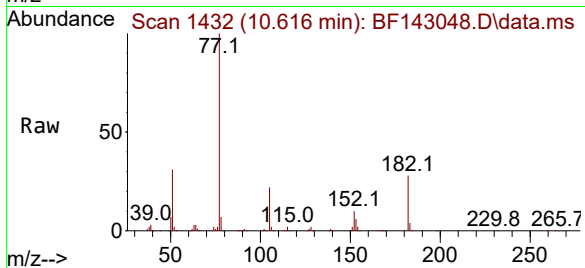




#63
Azobenzene
Concen: 37.983 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

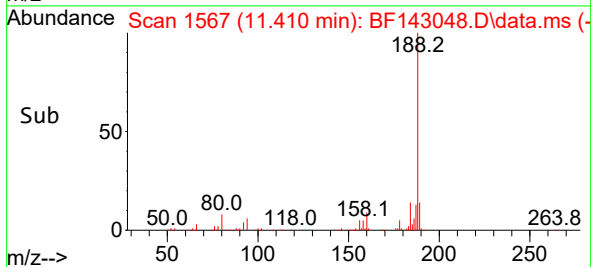
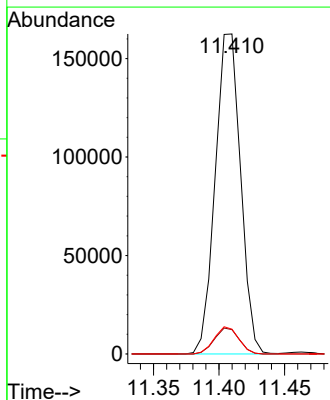
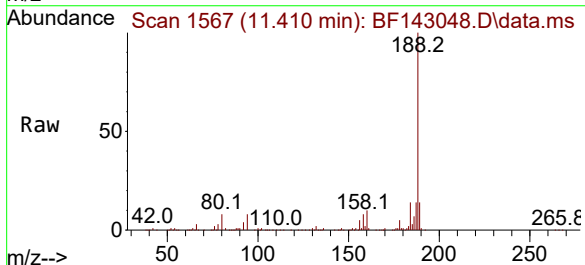
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

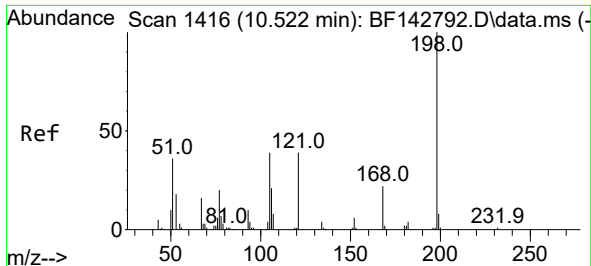
Tgt Ion: 77	Resp: 291002
Ion Ratio	Lower Upper
77 100	
182 28.4	7.7 47.7
105 22.1	1.9 41.9
51 31.4	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:188	Resp: 218580
Ion Ratio	Lower Upper
188 100	
94 7.6	6.7 10.1
80 7.8	6.9 10.3

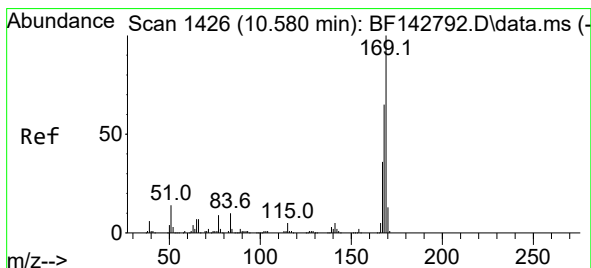
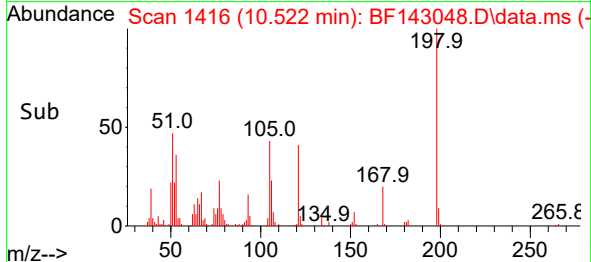
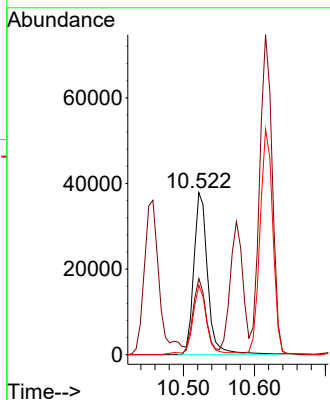
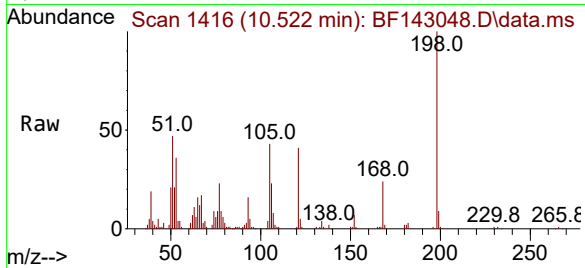




#65
4,6-Dinitro-2-methylphenol
Concen: 39.111 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

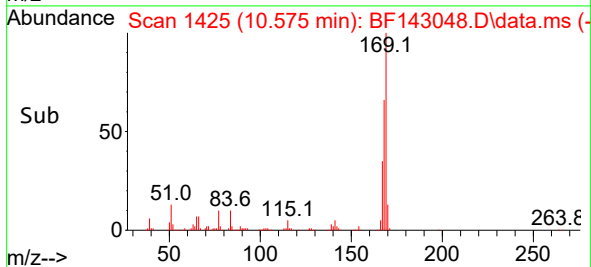
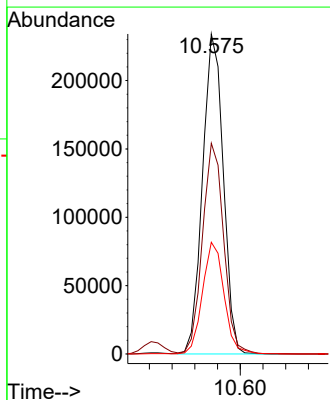
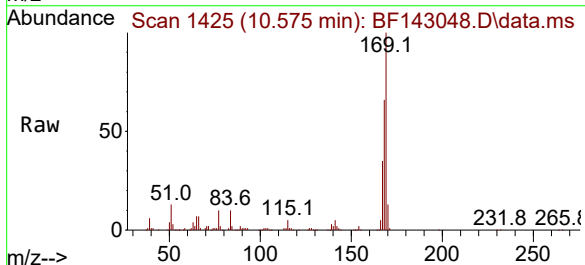
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

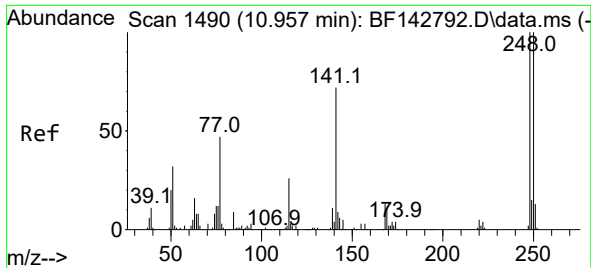
Tgt Ion:198 Resp: 51710
Ion Ratio Lower Upper
198 100
51 46.9 25.4 65.4
105 42.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 39.109 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:169 Resp: 296265
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 34.9 28.5 42.7

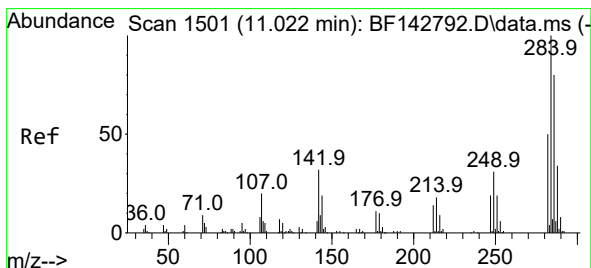
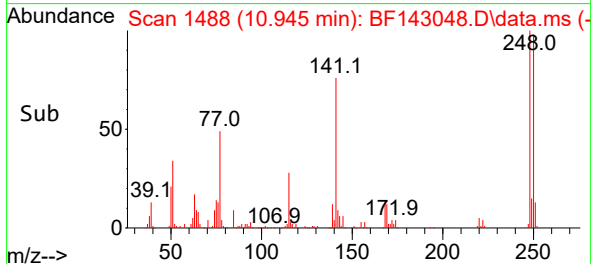
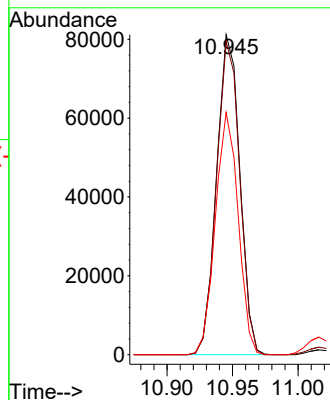
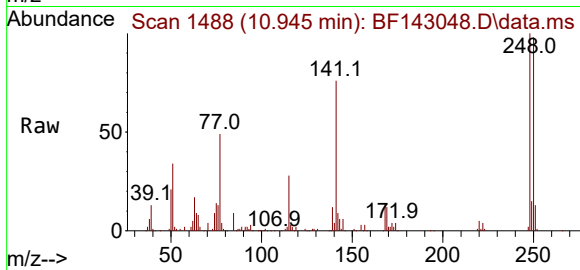




#67
4-Bromophenyl-phenylether
Concen: 40.295 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

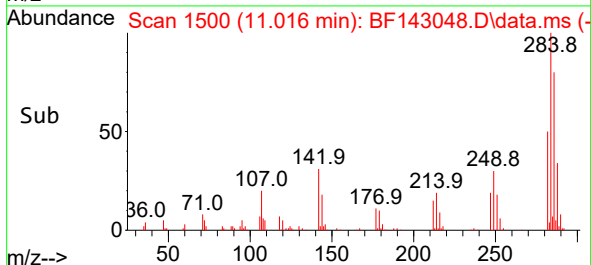
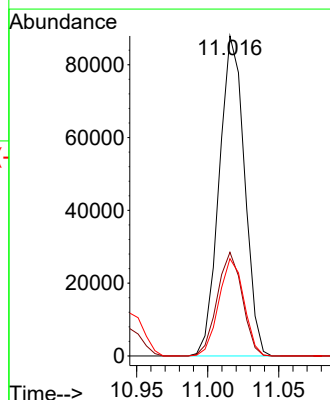
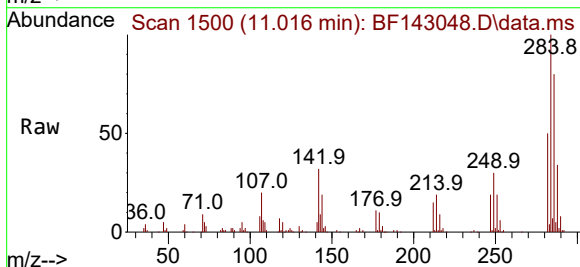
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

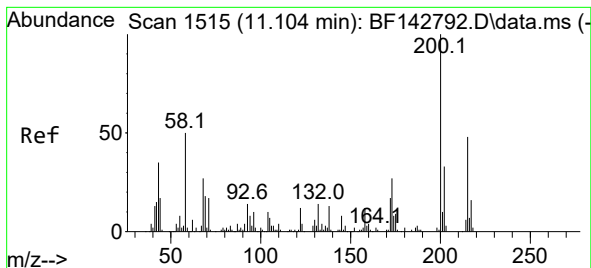
Tgt Ion:248 Resp: 100240
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 75.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 39.445 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:284 Resp: 109033
Ion Ratio Lower Upper
284 100
142 32.4 25.5 38.3
249 30.4 24.9 37.3





#69

Atrazine

Concen: 40.271 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

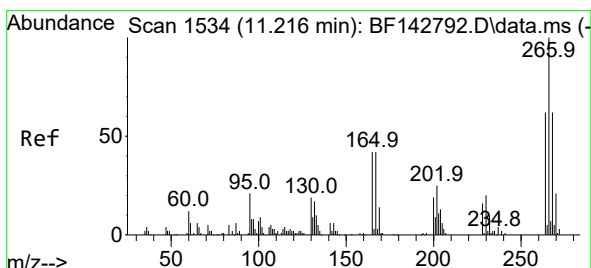
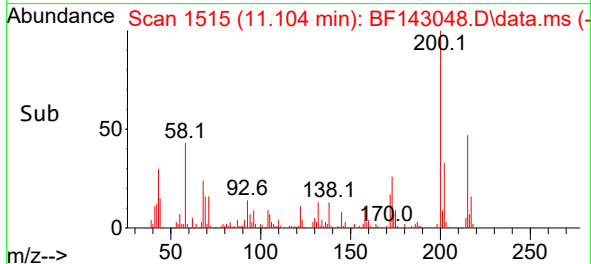
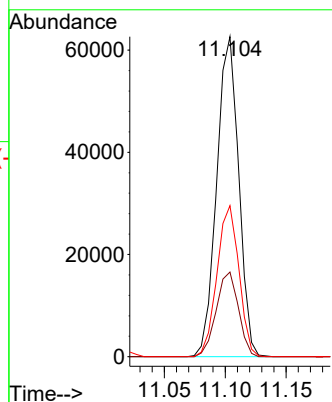
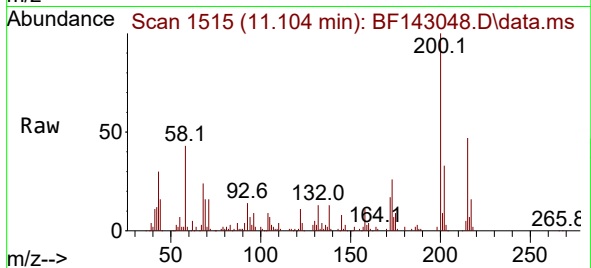
Tgt Ion:200 Resp: 78779

Ion Ratio Lower Upper

200 100

173 26.4 7.4 47.4

215 47.2 28.4 68.4



#70

Pentachlorophenol

Concen: 57.552 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

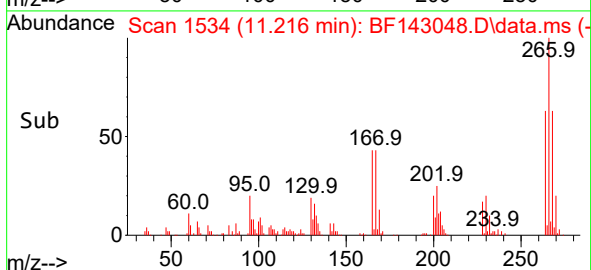
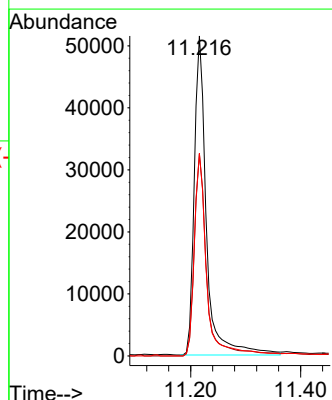
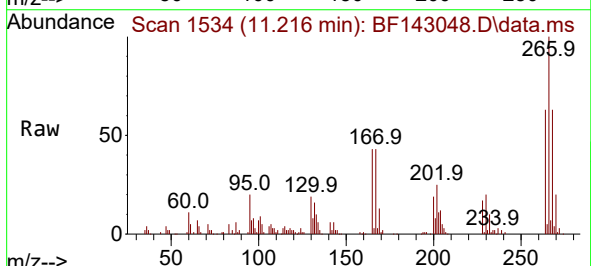
Tgt Ion:266 Resp: 79272

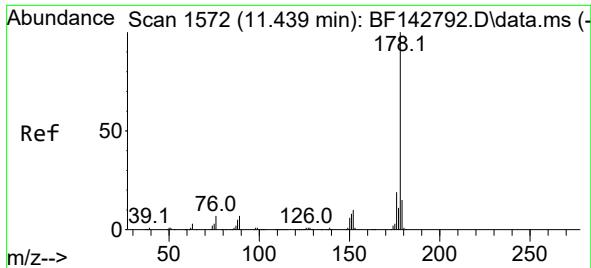
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.8

264 63.3 49.9 74.9

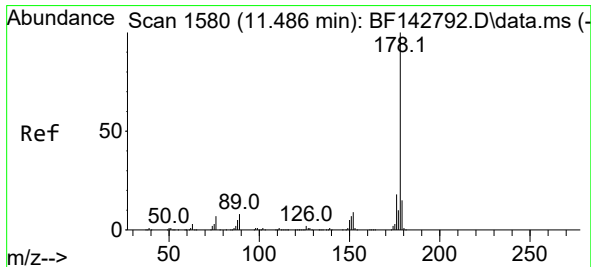
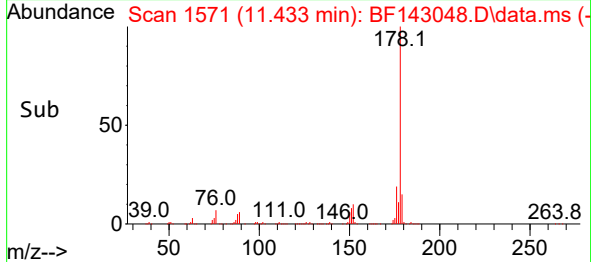
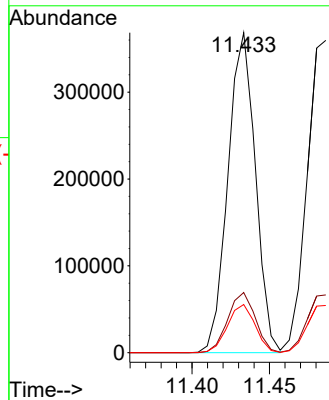
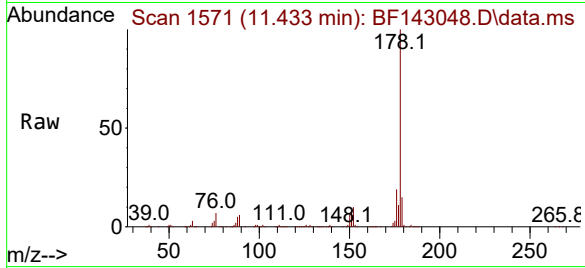




#71
Phenanthrene
Concen: 38.330 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

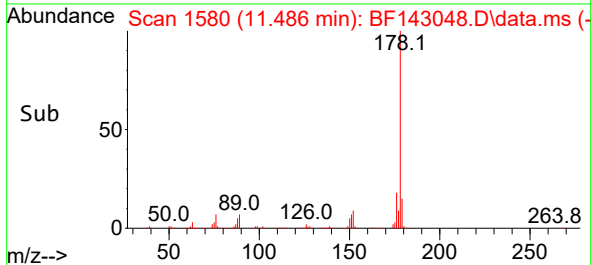
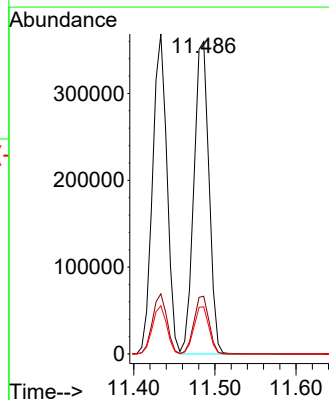
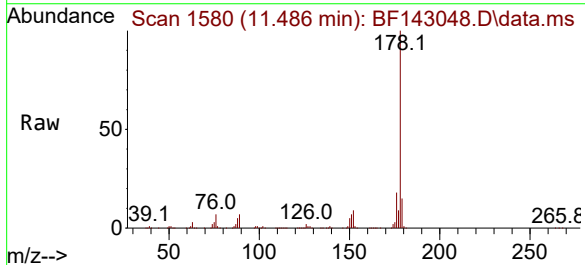
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

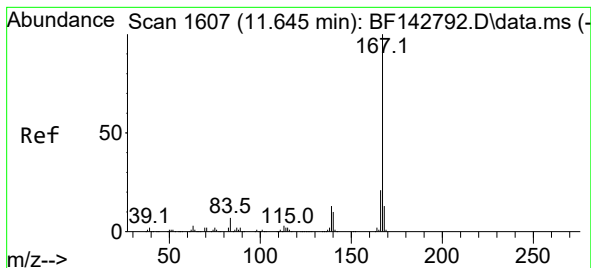
Tgt Ion:178 Resp: 453843
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 38.317 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:178 Resp: 465305
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.1 12.4 18.6





#73

Carbazole

Concen: 37.420 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

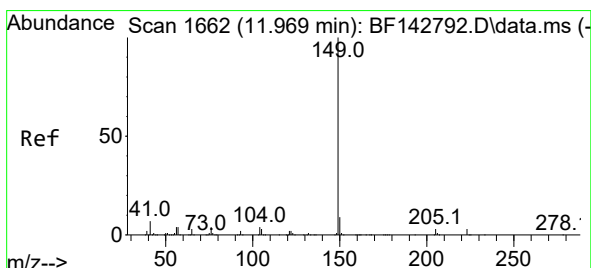
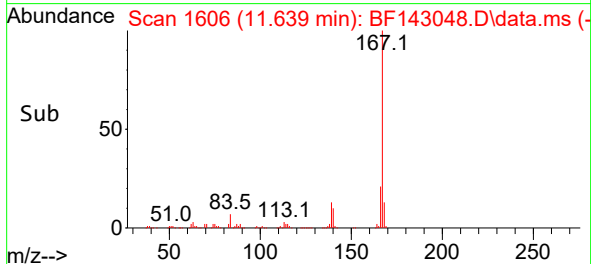
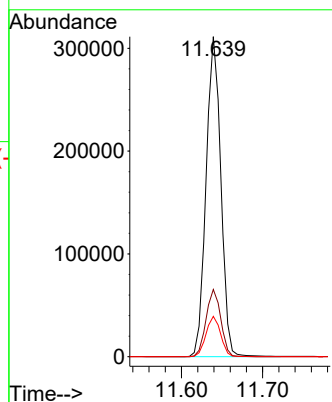
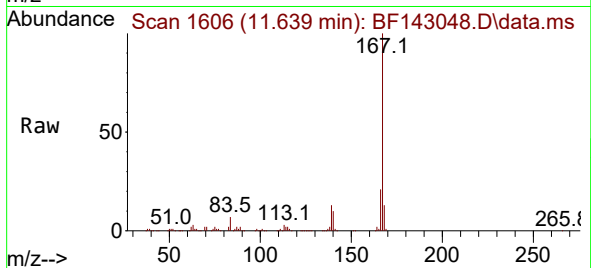
Tgt Ion:167 Resp: 392132

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 39.441 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

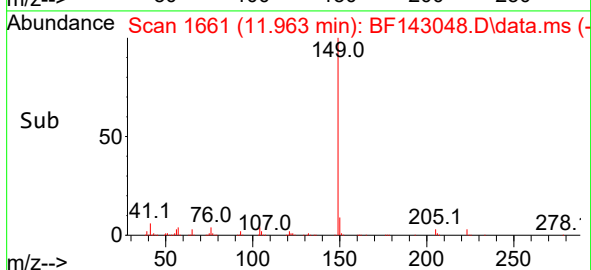
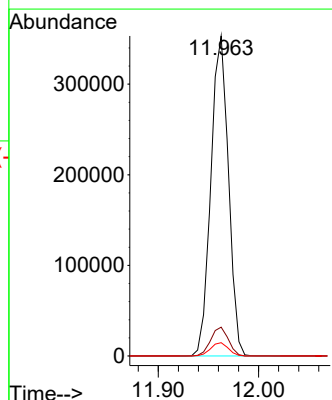
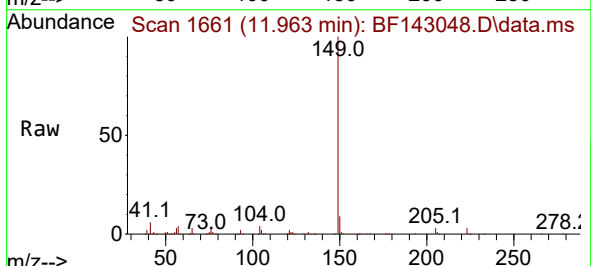
Tgt Ion:149 Resp: 430569

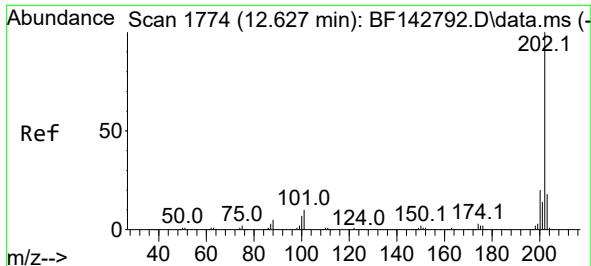
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.1 3.5 5.3

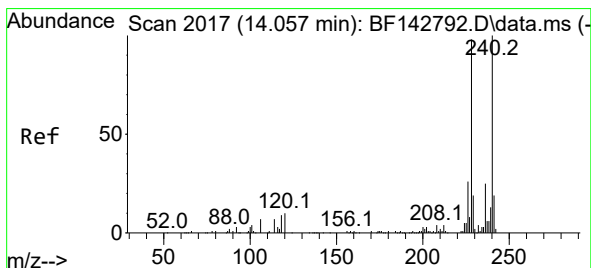
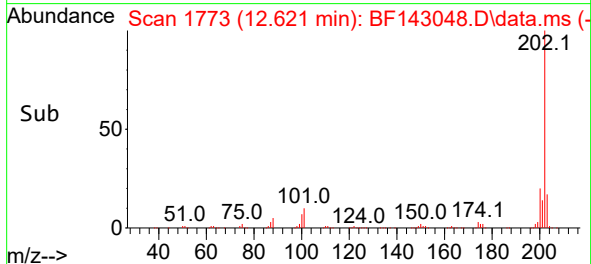
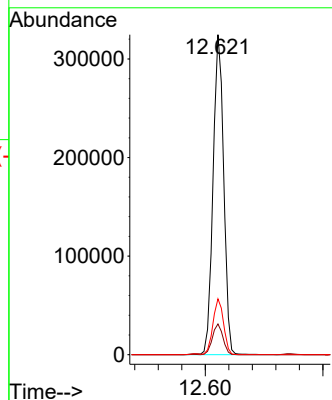
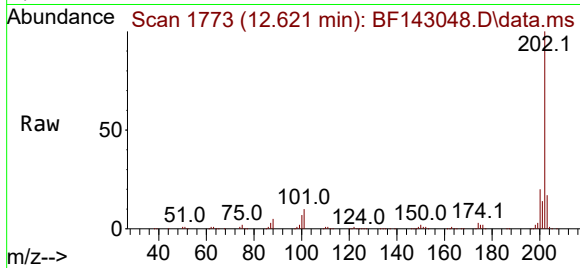




#75
Fluoranthene
Concen: 36.332 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

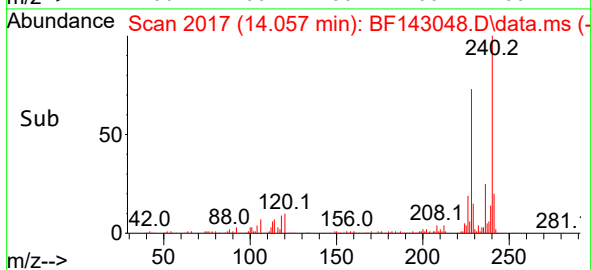
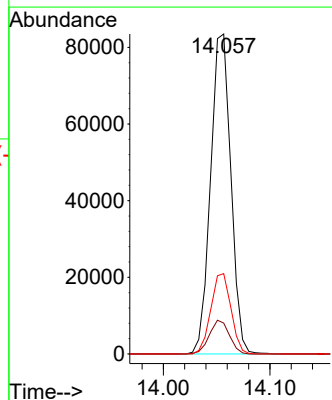
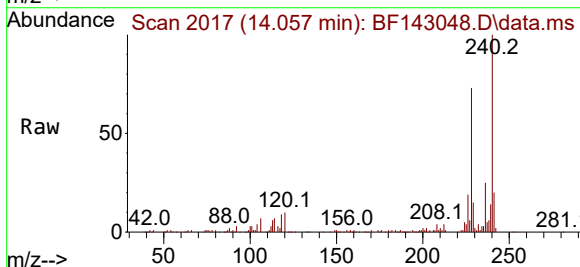
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

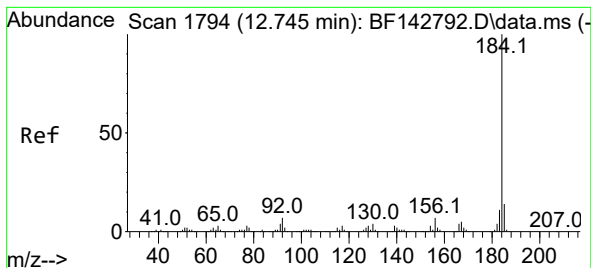
Tgt Ion:202 Resp: 408276
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:240 Resp: 110392
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 49.331 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

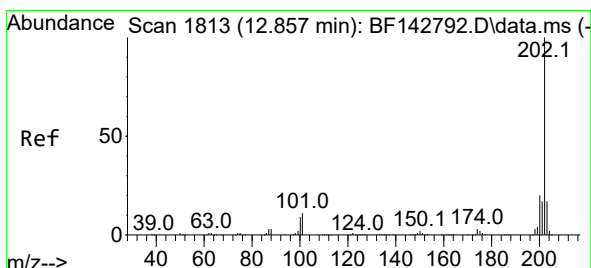
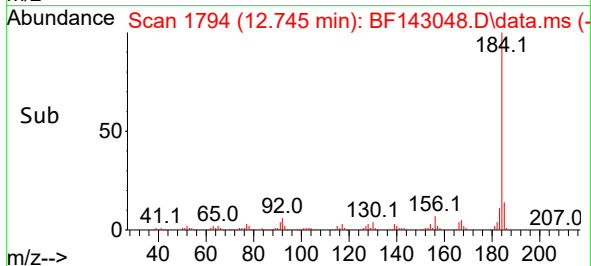
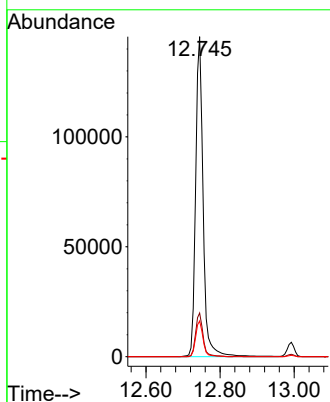
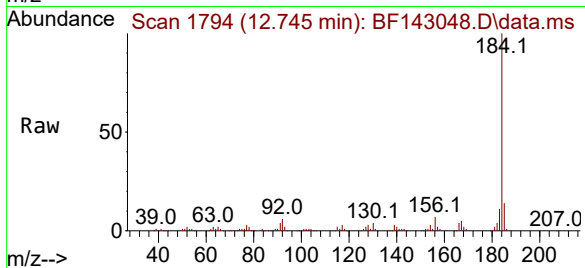
Tgt Ion:184 Resp: 204601

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 43.898 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

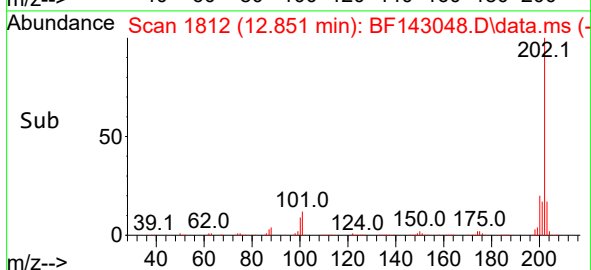
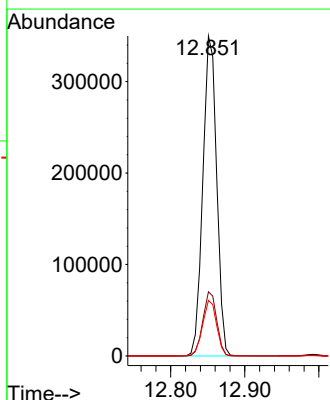
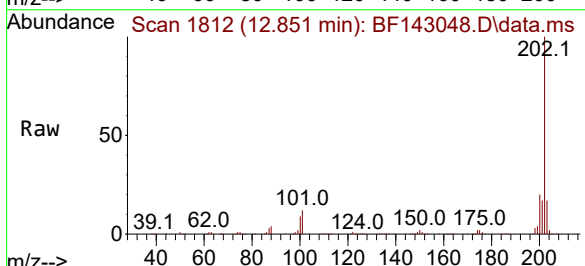
Tgt Ion:202 Resp: 454236

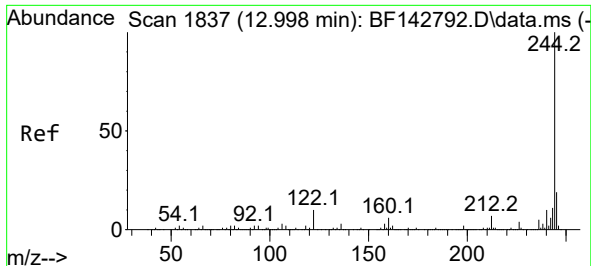
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

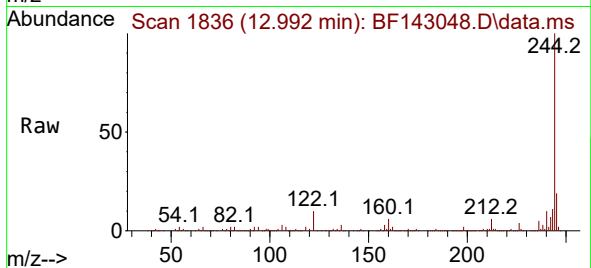
203 17.4 13.8 20.6



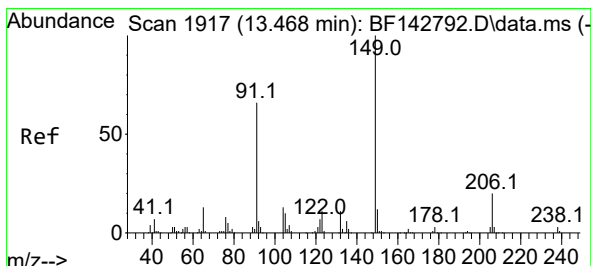
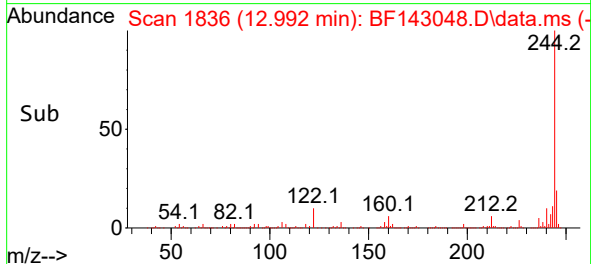
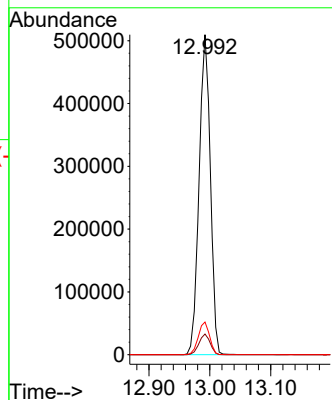


#79
 Terphenyl-d14
 Concen: 81.848 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143048.D
 Acq: 09 Jul 2025 10:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

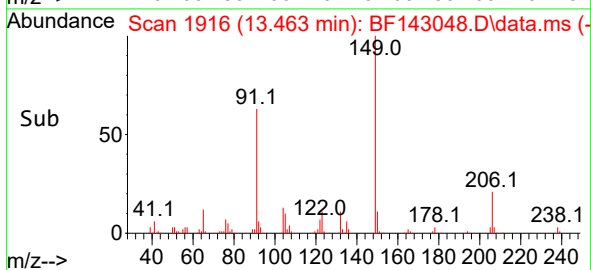
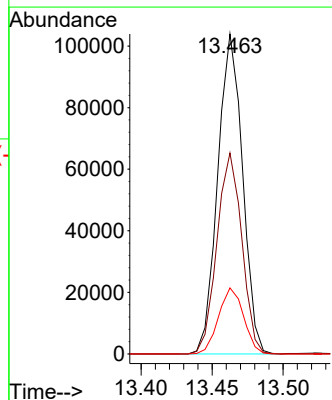
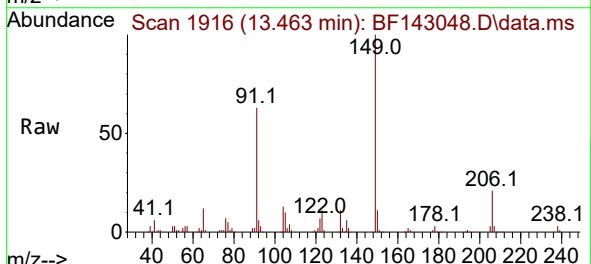


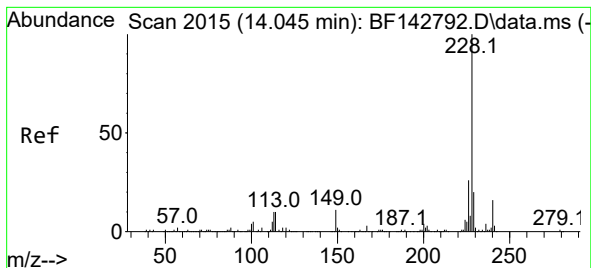
Tgt Ion:244 Resp: 653929
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.071 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143048.D
 Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 126277
 Ion Ratio Lower Upper
 149 100
 91 62.8 52.9 79.3
 206 20.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 39.327 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

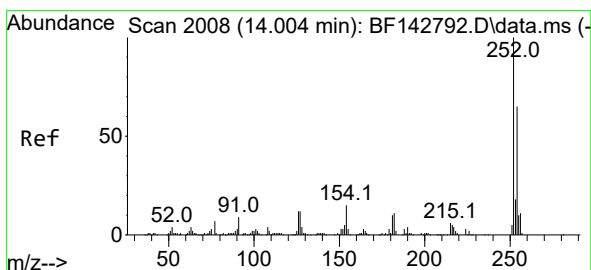
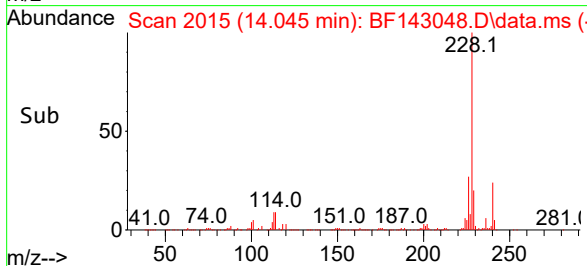
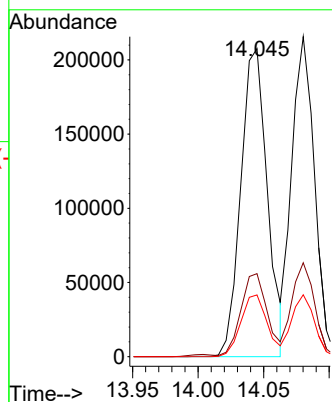
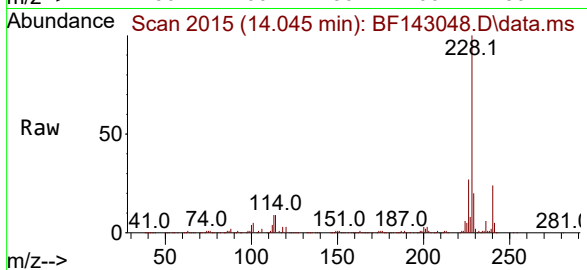
Tgt Ion:228 Resp: 292876

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.151 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

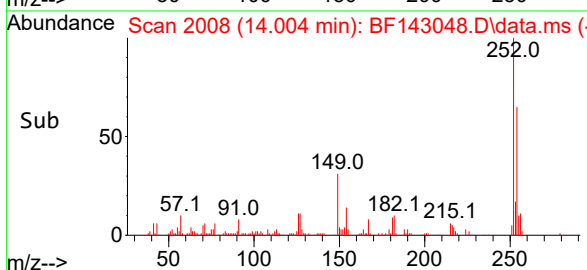
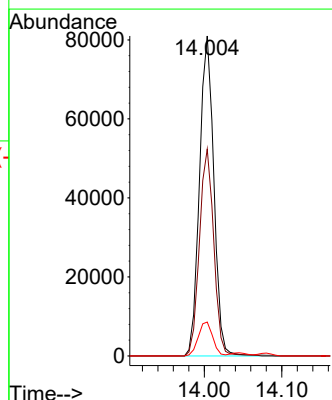
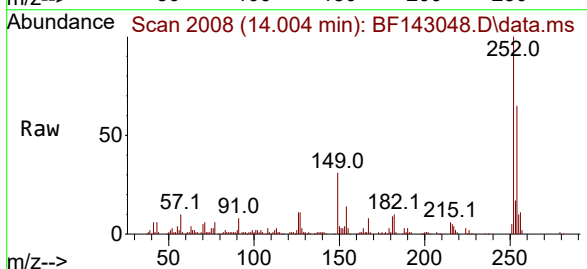
Tgt Ion:252 Resp: 104231

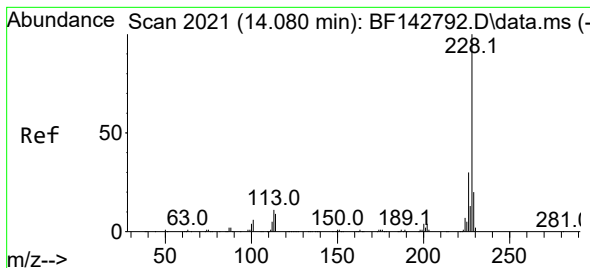
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.6 9.4 14.2





#83

Chrysene

Concen: 39.162 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

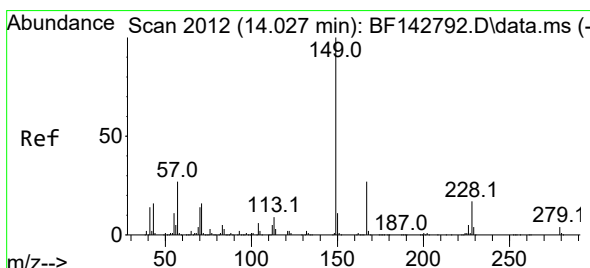
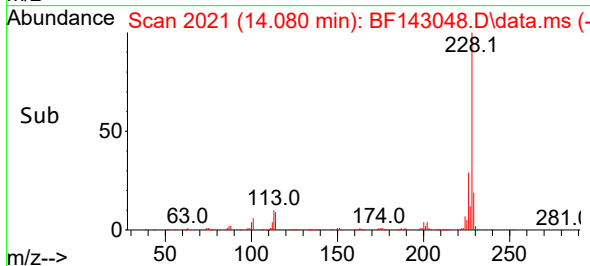
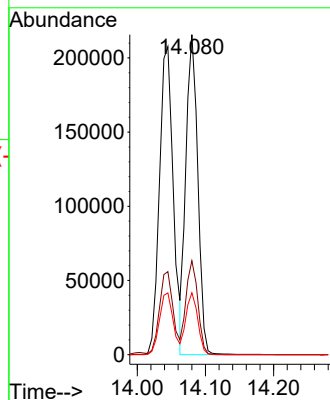
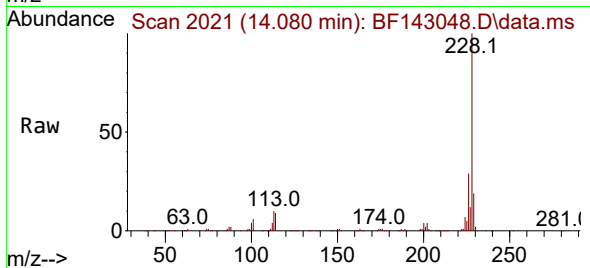
Tgt Ion:228 Resp: 260242

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.039 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

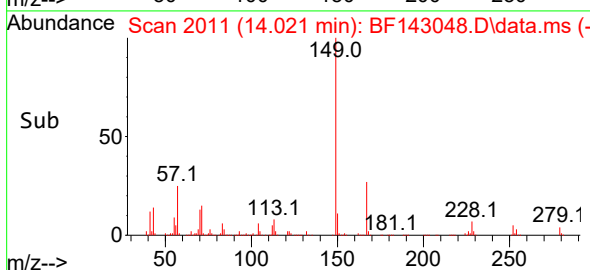
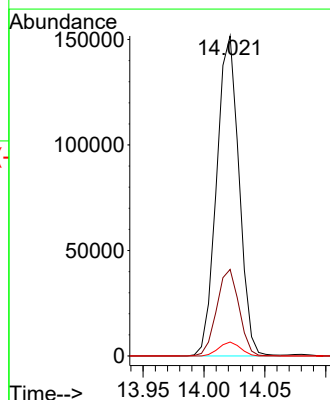
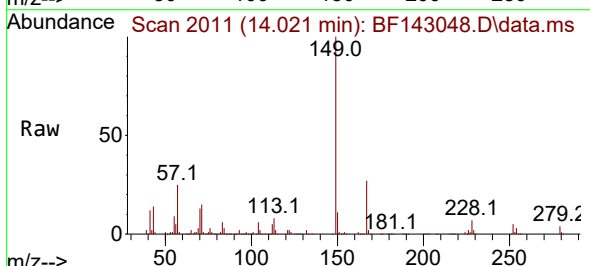
Tgt Ion:149 Resp: 194503

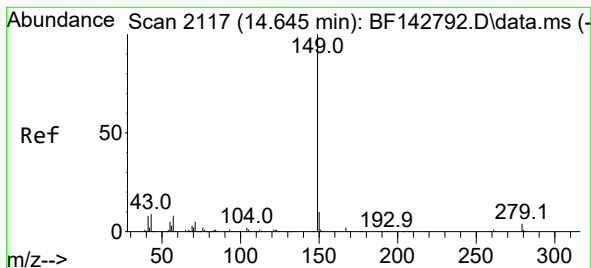
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.544 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF143048.D

Acq: 09 Jul 2025 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

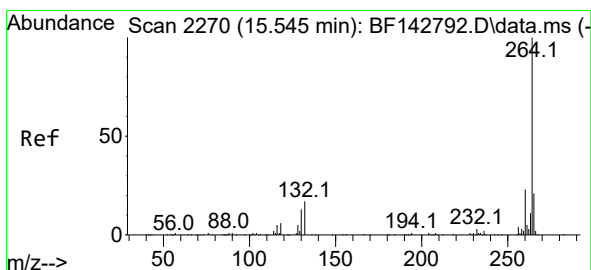
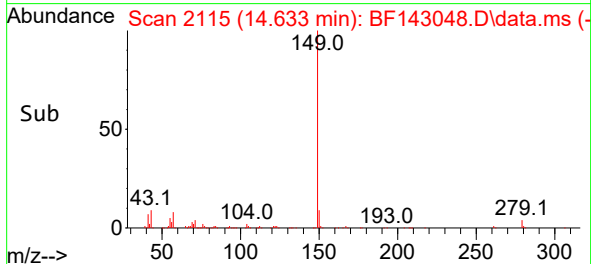
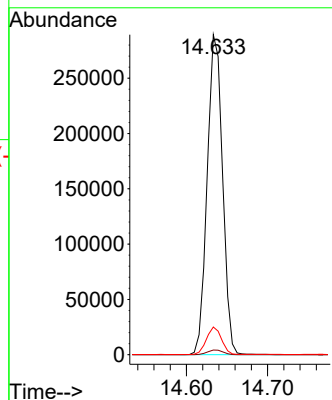
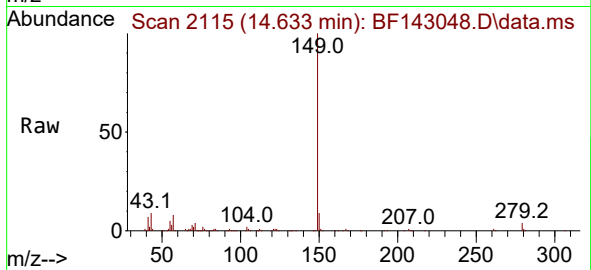
Tgt Ion:149 Resp: 379015

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 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: BF143048.D

Acq: 09 Jul 2025 10:52

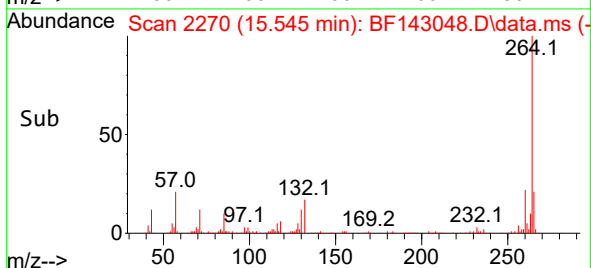
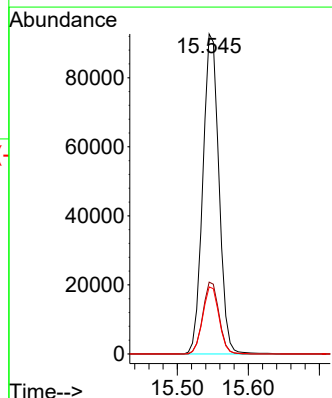
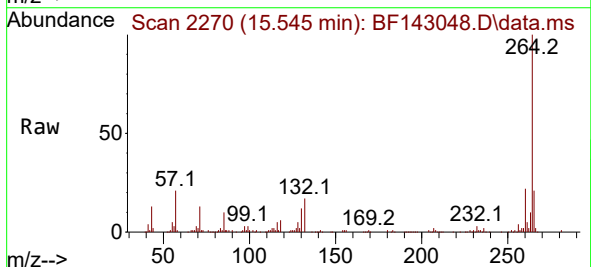
Tgt Ion:264 Resp: 146270

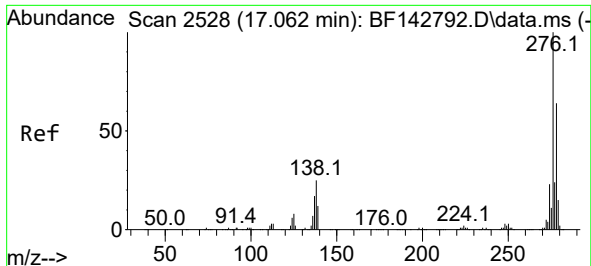
Ion Ratio Lower Upper

264 100

260 22.5 18.1 27.1

265 21.0 16.6 25.0

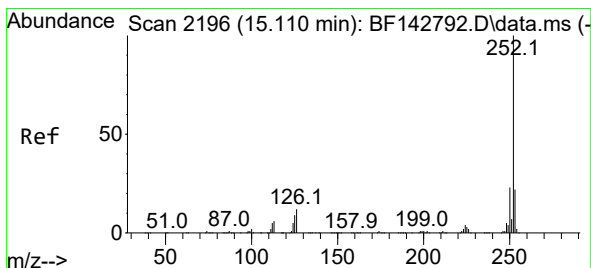
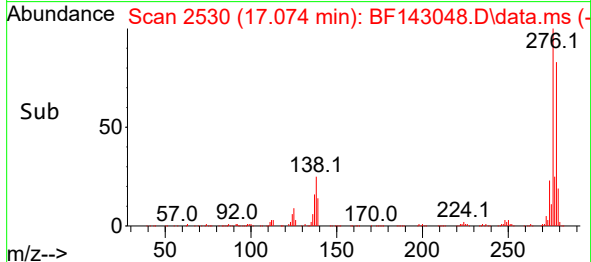
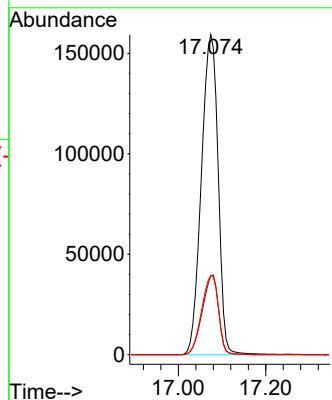
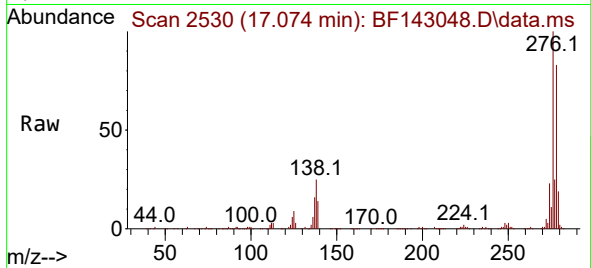




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.135 ng
RT: 17.074 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

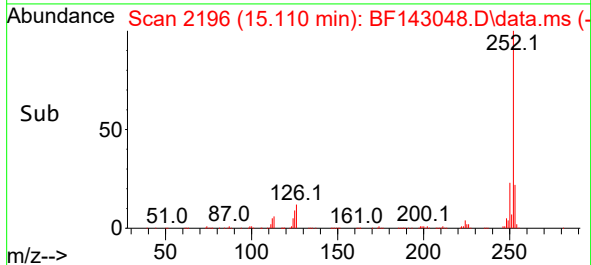
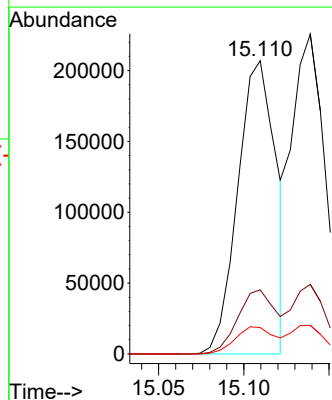
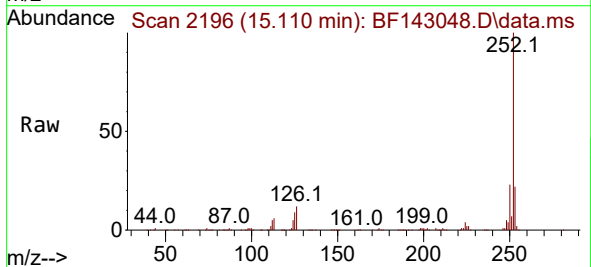
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

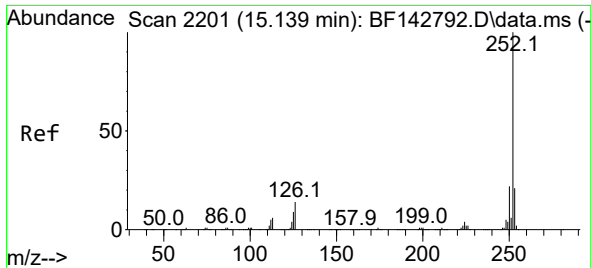
Tgt Ion:276 Resp: 424870
Ion Ratio Lower Upper
276 100
138 24.1 20.2 30.4
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:252 Resp: 321973
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.4 11.0

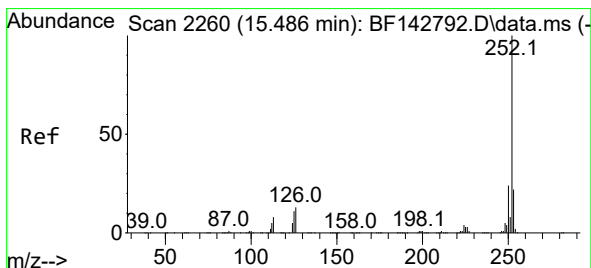
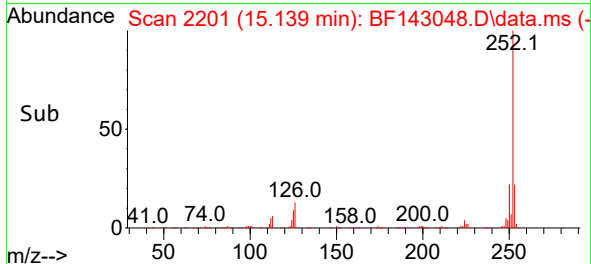
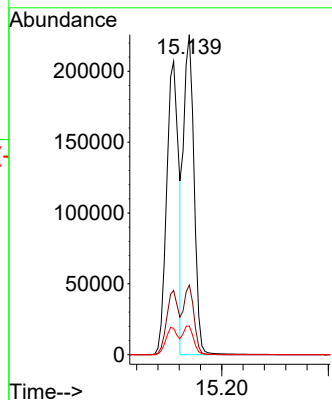
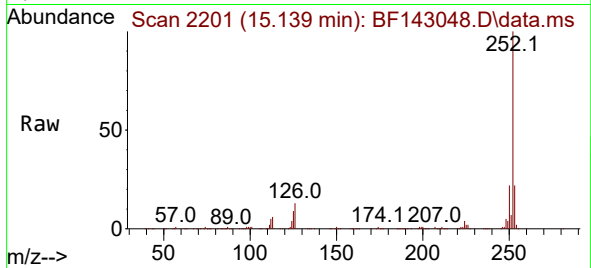




#89
Benzo(k)fluoranthene
Concen: 39.092 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

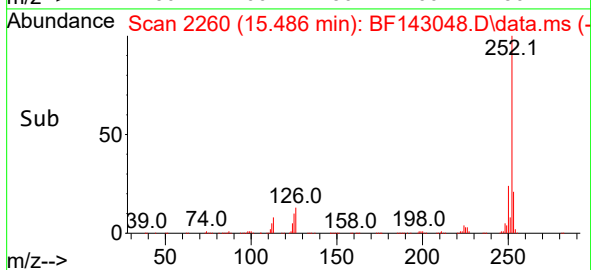
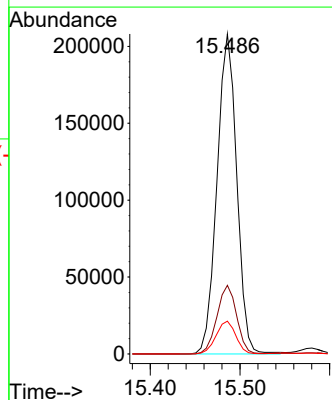
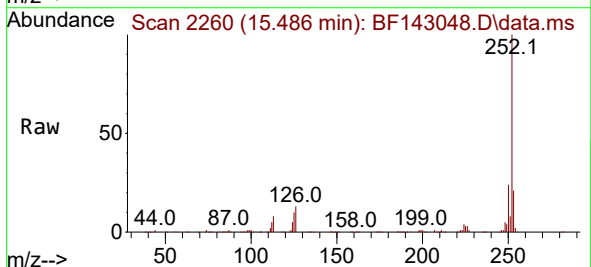
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

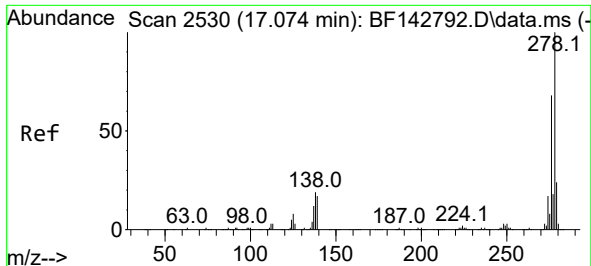
Tgt Ion:252 Resp: 309552
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 38.867 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:252 Resp: 317799
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.2 8.6 12.8

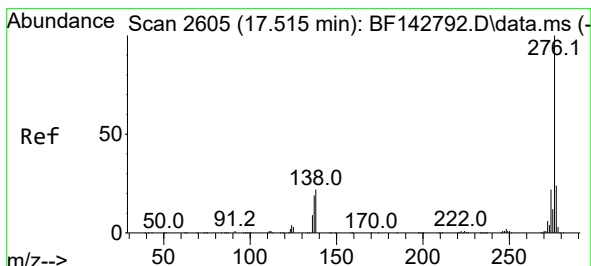
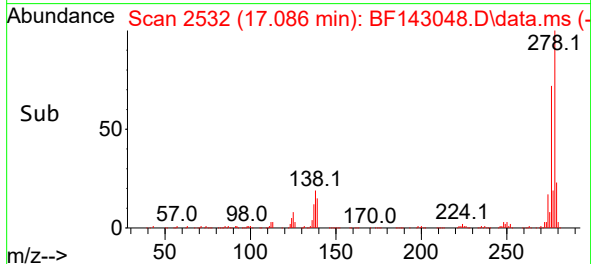
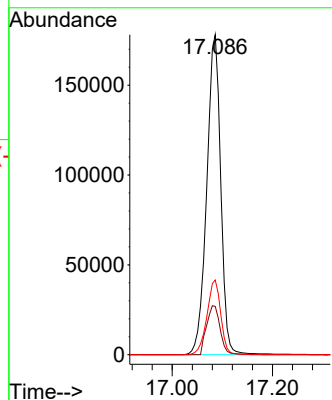
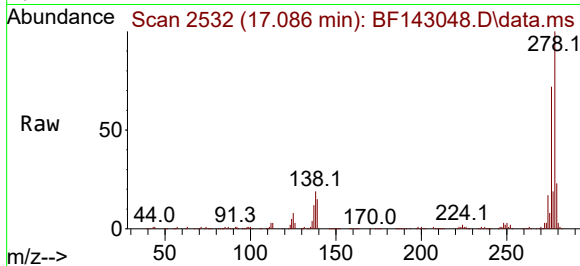




#91
Dibenzo(a,h)anthracene
Concen: 38.156 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 345409
Ion Ratio Lower Upper
278 100
139 15.1 13.5 20.3
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.626 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:276 Resp: 339644
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 20.2 17.6 26.4

