

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143099.D
 Acq On : 15 Jul 2025 16:05
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 15 17:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	133949	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	501735	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	246002	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	380313	20.000	ng	0.00
76) Chrysene-d12	14.133	240	205942	20.000	ng	0.00
86) Perylene-d12	15.639	264	260121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	990040	116.776	ng	0.00
7) Phenol-d6	6.593	99	1243617	116.695	ng	0.00
23) Nitrobenzene-d5	7.534	82	1172838	131.129	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	286830	130.765	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1999612	108.050	ng	0.00
79) Terphenyl-d14	13.075	244	1539271	109.260	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	251636	59.625	ng	100
3) Pyridine	3.587	79	647877	60.624	ng	99
4) n-Nitrosodimethylamine	3.534	42	337438	60.943	ng	100
6) Aniline	6.634	93	882633	58.815	ng	100
8) 2-Chlorophenol	6.757	128	516965	60.690	ng	98
9) Benzaldehyde	6.522	77	467499	57.571	ng	99
10) Phenol	6.604	94	716983	62.147	ng	97
11) bis(2-Chloroethyl)ether	6.704	93	518695	58.076	ng	99
12) 1,3-Dichlorobenzene	6.916	146	557813	57.965	ng	99
13) 1,4-Dichlorobenzene	6.987	146	556805	57.513	ng	99
14) 1,2-Dichlorobenzene	7.140	146	530965	57.510	ng	98
15) Benzyl Alcohol	7.104	79	477773	60.505	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	941009	57.157	ng	99
17) 2-Methylphenol	7.210	107	432787	58.876	ng	99
18) Hexachloroethane	7.487	117	191457	60.747	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	379882	58.184	ng	98
20) 3+4-Methylphenols	7.369	107	519658	57.645	ng	98
22) Acetophenone	7.375	105	679007	56.141	ng	# 92
24) Nitrobenzene	7.551	77	550668	63.778	ng	99
25) Isophorone	7.793	82	1033650	59.793	ng	100
26) 2-Nitrophenol	7.863	139	219665	62.382	ng	98
27) 2,4-Dimethylphenol	7.898	122	474411	59.127	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	608314	58.029	ng	100
29) 2,4-Dichlorophenol	8.104	162	408655	62.256	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	431427	57.913	ng	98
31) Naphthalene	8.275	128	1410509	56.612	ng	100
32) Benzoic acid	8.010	122	244396	59.376	ng	97
33) 4-Chloroaniline	8.316	127	574196	57.309	ng	99
34) Hexachlorobutadiene	8.398	225	265081	59.499	ng	99
35) Caprolactam	8.687	113	129583	63.219	ng	97
36) 4-Chloro-3-methylphenol	8.792	107	440907	60.299	ng	98
37) 2-Methylnaphthalene	8.963	142	846190	56.930	ng	100
38) 1-Methylnaphthalene	9.063	142	869460	56.399	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	414099	57.762	ng	99
41) Hexachlorocyclopentadiene	9.122	237	262731	66.101	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	290245	65.157	ng	99

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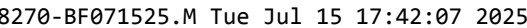
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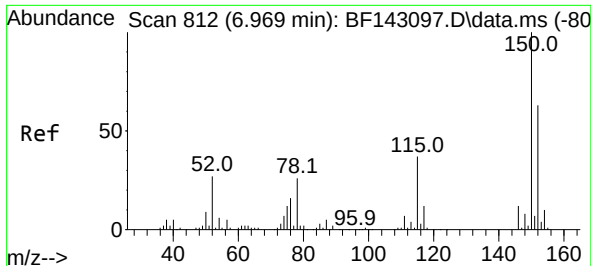
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	277922	59.502	ng	99
46) 1,1'-Biphenyl	9.428	154	1103990	56.274	ng	100
47) 2-Chloronaphthalene	9.451	162	826528	57.350	ng	98
48) 2-Nitroaniline	9.539	65	267636	61.259	ng	98
49) Acenaphthylene	9.869	152	1378196	57.388	ng	100
50) Dimethylphthalate	9.728	163	899456	58.118	ng	100
51) 2,6-Dinitrotoluene	9.781	165	193185	62.287	ng	93
52) Acenaphthene	10.045	154	802583	56.633	ng	99
53) 3-Nitroaniline	9.951	138	230773	69.008	ng	96
54) 2,4-Dinitrophenol	10.051	184	66479	61.314	ng	# 4
55) Dibenzofuran	10.216	168	1184002	56.052	ng	100
56) 4-Nitrophenol	10.098	139	174657	65.716	ng	96
57) 2,4-Dinitrotoluene	10.186	165	235488	60.695	ng	99
58) Fluorene	10.557	166	875218	55.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	238428	64.235	ng	98
60) Diethylphthalate	10.428	149	876047	58.672	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	432659	57.000	ng	99
62) 4-Nitroaniline	10.563	138	194271	66.802	ng	97
63) Azobenzene	10.704	77	946204	57.300	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	96305	62.285	ng	98
66) n-Nitrosodiphenylamine	10.663	169	781087	58.469	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	260491	60.229	ng	96
68) Hexachlorobenzene	11.110	284	273112	59.515	ng	95
69) Atrazine	11.186	200	211351	61.838	ng	99
70) Pentachlorophenol	11.292	266	165676	65.805	ng	99
71) Phenanthrene	11.516	178	1165047	56.762	ng	99
72) Anthracene	11.569	178	1188635	57.589	ng	100
73) Carbazole	11.716	167	1057291	57.179	ng	100
74) Di-n-butylphthalate	12.051	149	1074246	63.291	ng	100
75) Fluoranthene	12.704	202	1069898	57.328	ng	100
77) Benzidine	12.816	184	380587	54.244	ng	100
78) Pyrene	12.933	202	1060216	55.485	ng	99
80) Butylbenzylphthalate	13.551	149	243805	62.406	ng	98
81) Benzo(a)anthracene	14.122	228	819246	59.697	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	254086	63.758	ng	99
83) Chrysene	14.157	228	758916	60.044	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	364902	61.957	ng	100
85) Di-n-octyl phthalate	14.727	149	688940	60.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.192	276	1185702	61.286	ng	99
88) Benzo(b)fluoranthene	15.192	252	924866	61.640	ng	100
89) Benzo(k)fluoranthene	15.227	252	827274	57.794	ng	99
90) Benzo(a)pyrene	15.574	252	876856	61.791	ng	100
91) Dibenzo(a,h)anthracene	17.210	278	953666	60.300	ng	99
92) Benzo(g,h,i)perylene	17.657	276	982960	60.962	ng	99

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

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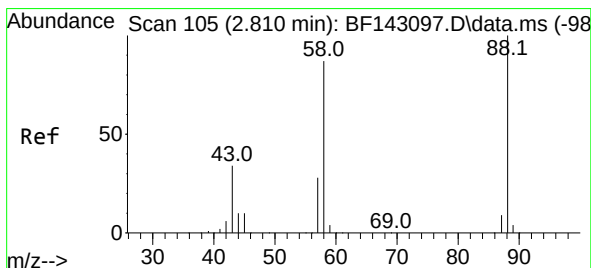
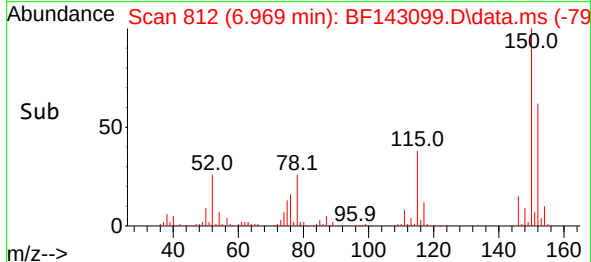
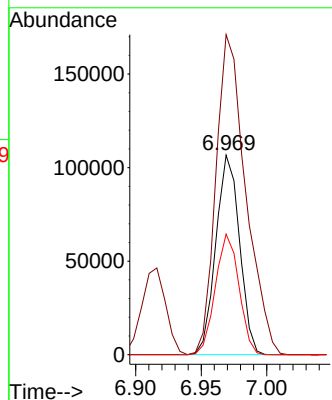
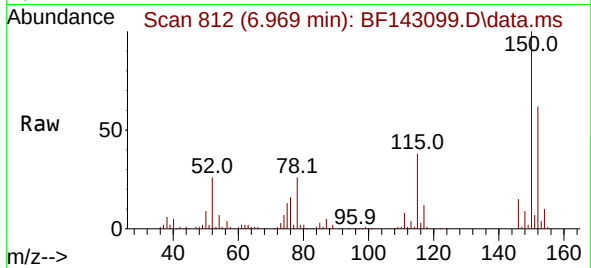




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

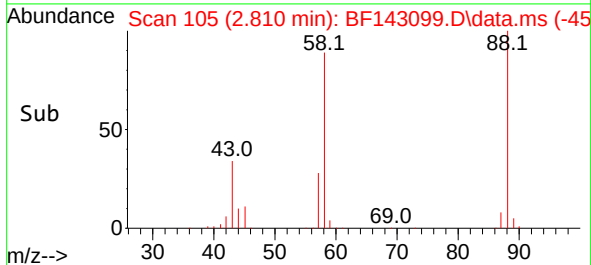
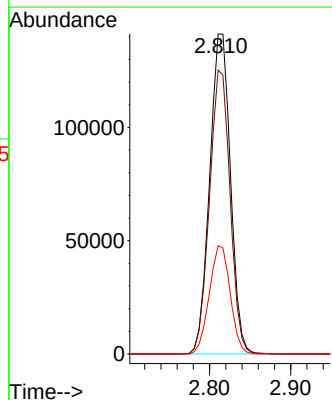
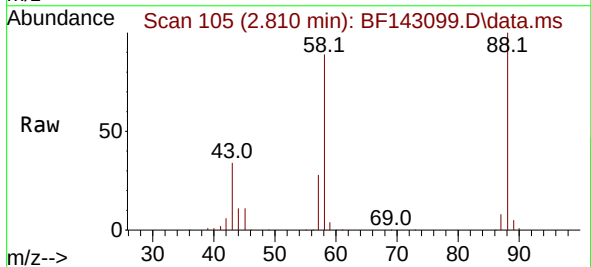
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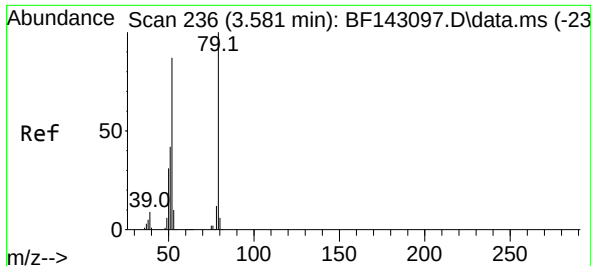
Tgt Ion:152 Resp: 133949
Ion Ratio Lower Upper
152 100
150 160.4 126.5 189.7
115 60.4 47.0 70.6



#2
1,4-Dioxane
Concen: 59.625 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 88 Resp: 251636
Ion Ratio Lower Upper
88 100
58 87.7 70.5 105.7
43 34.0 27.3 40.9

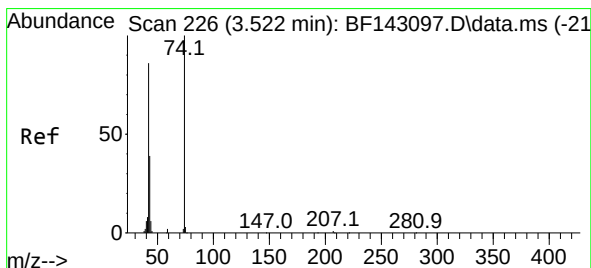
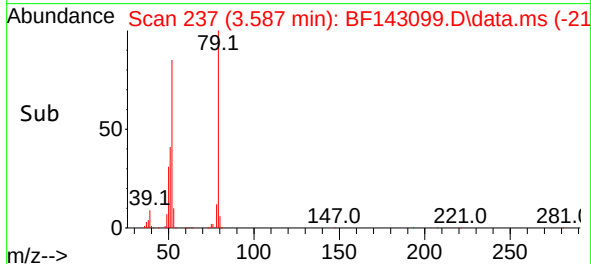
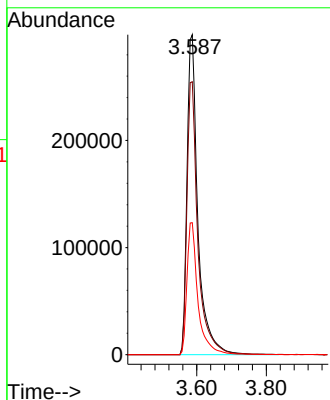
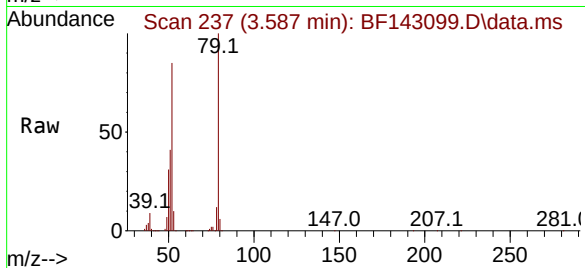




#3
Pyridine
Concen: 60.624 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

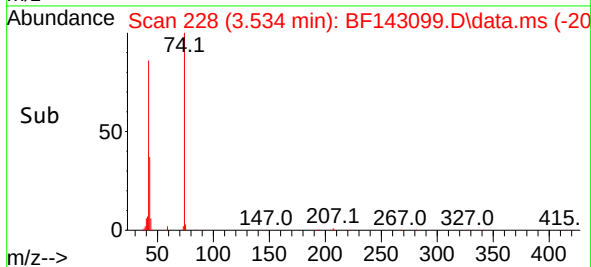
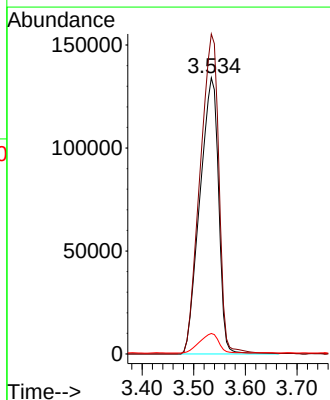
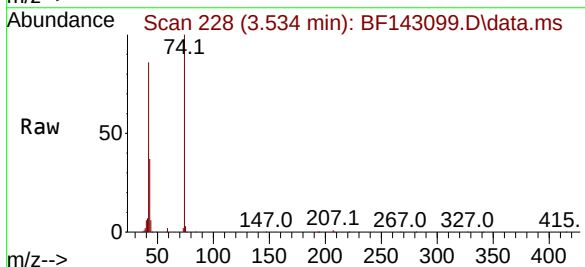
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ClientSampleId :
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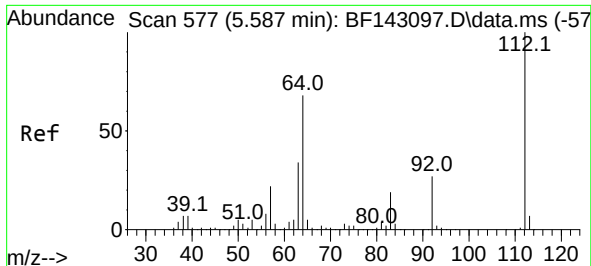
Tgt Ion: 79 Resp: 647877
Ion Ratio Lower Upper
79 100
52 85.3 69.2 103.8
51 41.3 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 60.943 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 42 Resp: 337438
Ion Ratio Lower Upper
42 100
74 115.8 92.8 139.2
44 7.4 5.8 8.6

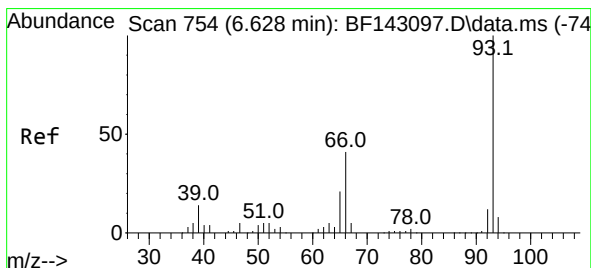
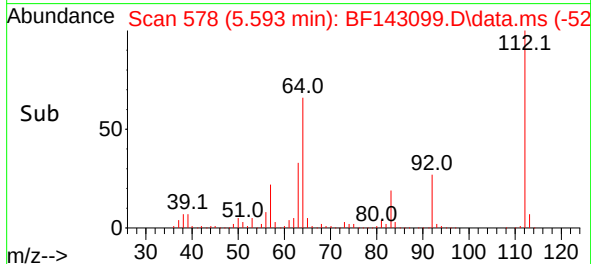
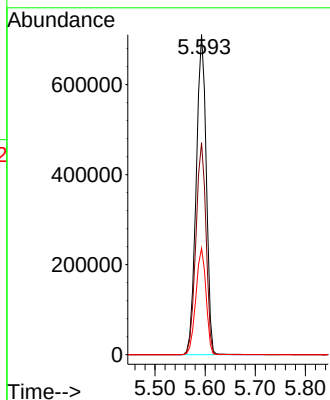
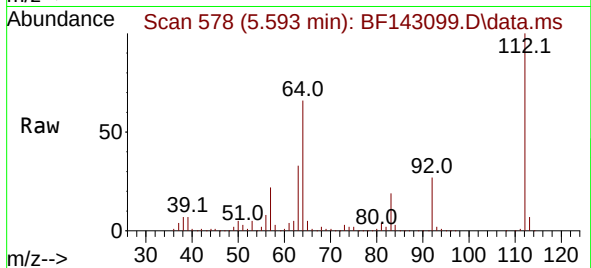




#5
2-Fluorophenol
Concen: 116.776 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

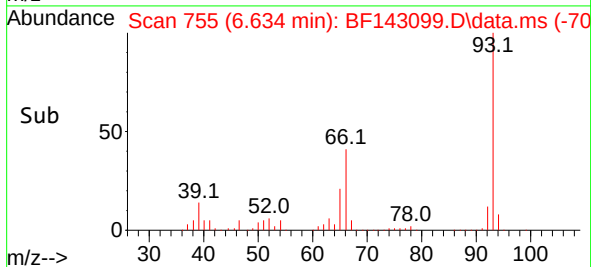
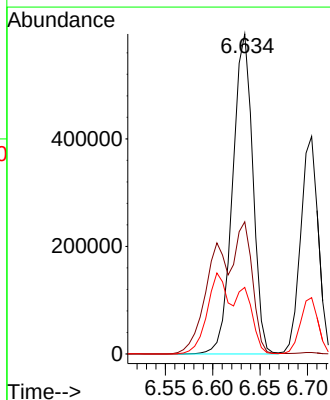
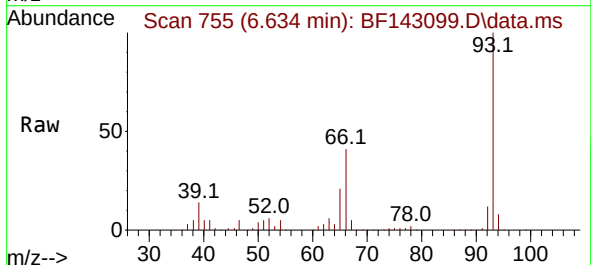
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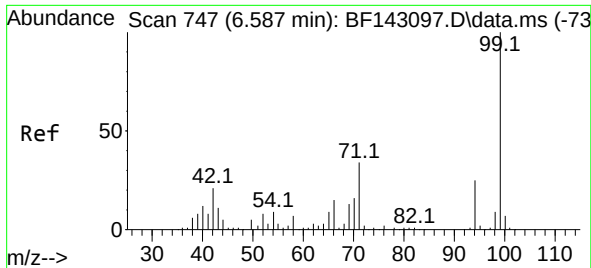
Tgt Ion:112 Resp: 990040
Ion Ratio Lower Upper
112 100
64 66.2 54.6 82.0
63 33.2 27.3 40.9



#6
Aniline
Concen: 58.815 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 93 Resp: 882633
Ion Ratio Lower Upper
93 100
66 41.3 33.1 49.7
65 20.8 16.9 25.3

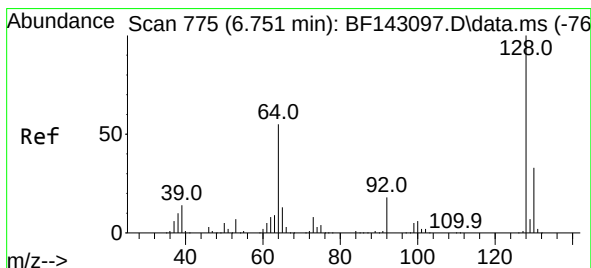
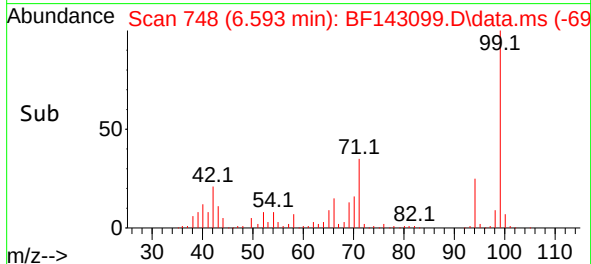
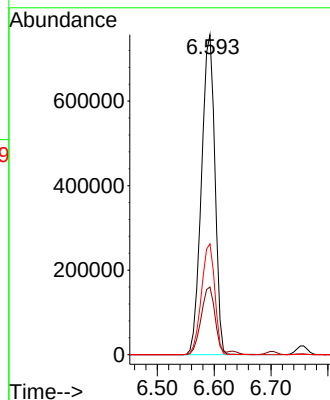
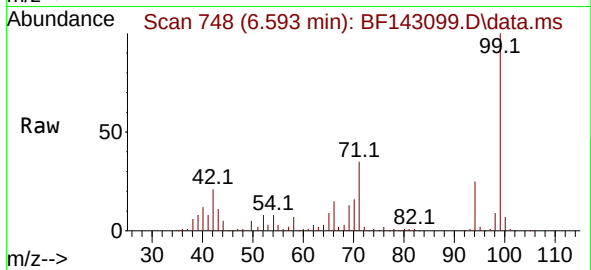




#7
Phenol-d6
Concen: 116.695 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

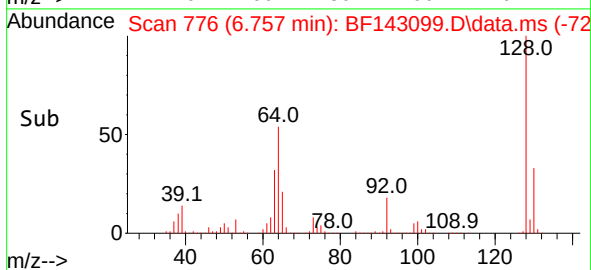
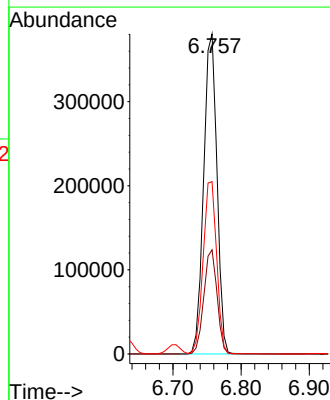
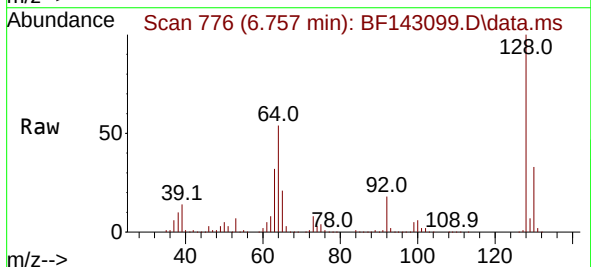
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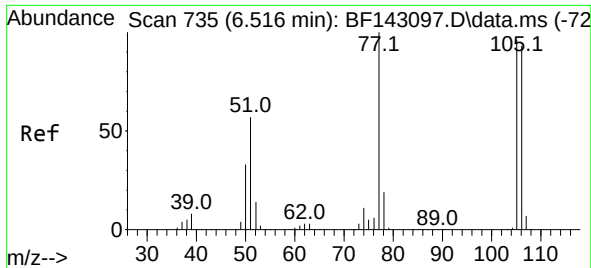
Tgt Ion: 99 Resp: 1243617
Ion Ratio Lower Upper
99 100
42 21.2 17.2 25.8
71 34.7 27.4 41.0



#8
2-Chlorophenol
Concen: 60.690 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:128 Resp: 516965
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 53.9 36.1 76.1

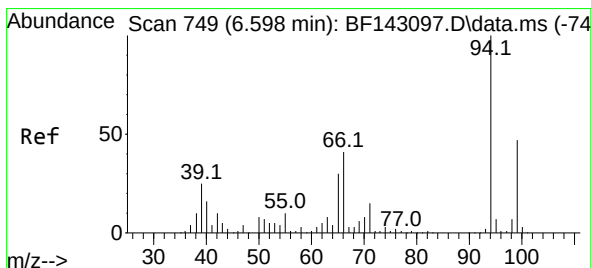
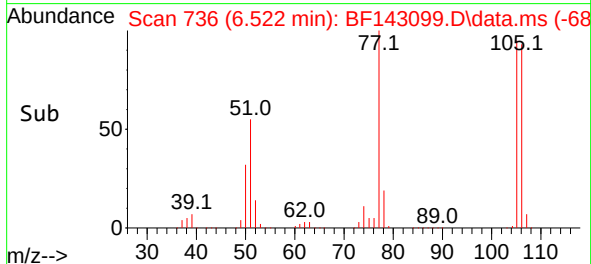
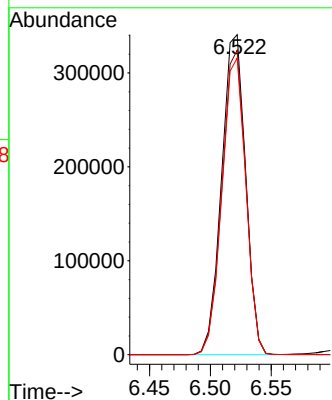
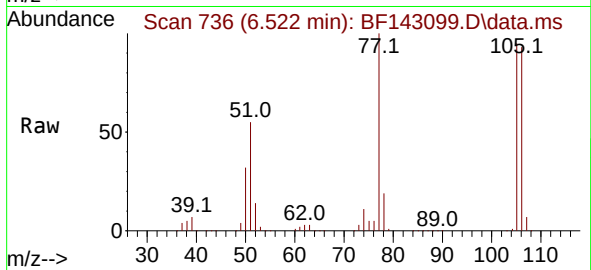




#9
Benzaldehyde
Concen: 57.571 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

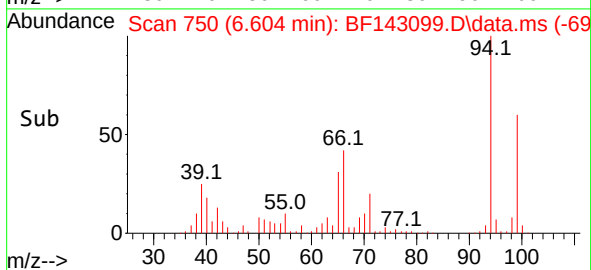
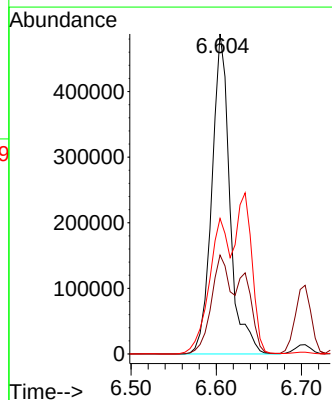
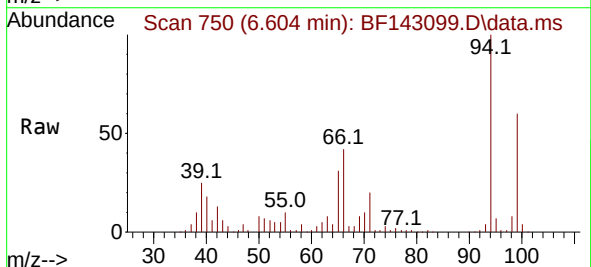
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ClientSampleId :
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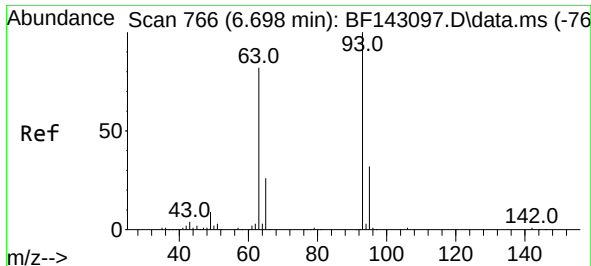
Tgt Ion: 77 Resp: 467499
Ion Ratio Lower Upper
77 100
105 95.1 76.3 116.3
106 92.7 72.8 112.8



#10
Phenol
Concen: 62.147 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143099.D
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Tgt Ion: 94 Resp: 716983
Ion Ratio Lower Upper
94 100
65 30.9 9.8 49.8
66 42.4 20.5 60.5

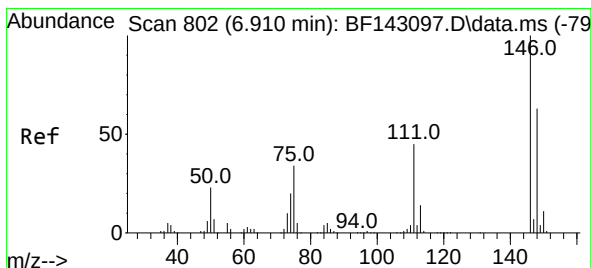
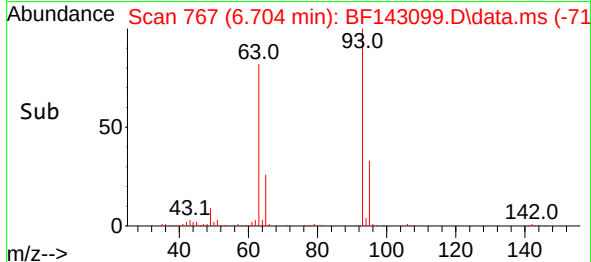
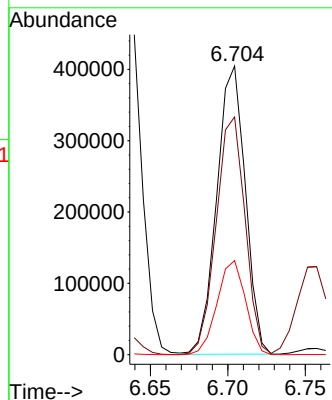
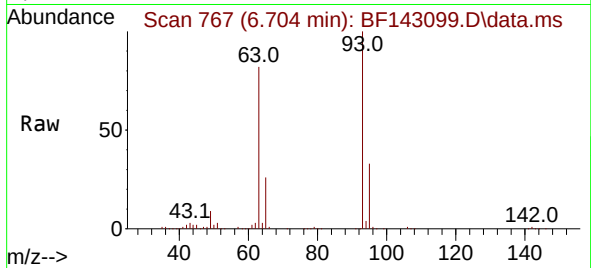




#11
bis(2-Chloroethyl)ether
Concen: 58.076 ng
RT: 6.704 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

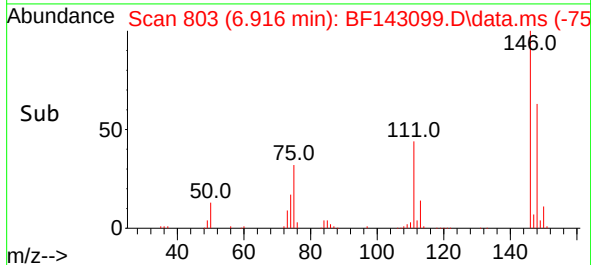
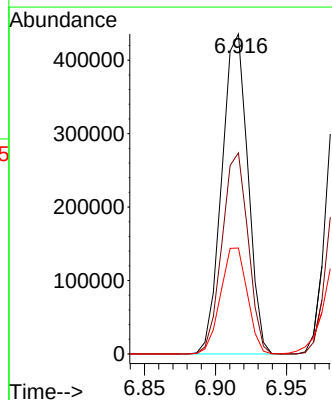
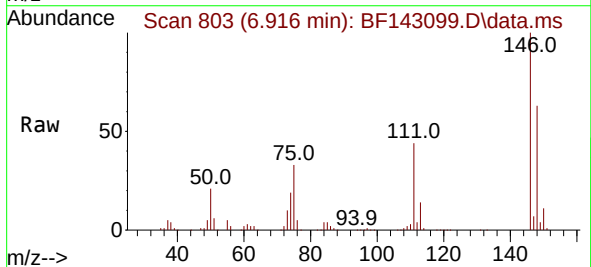
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

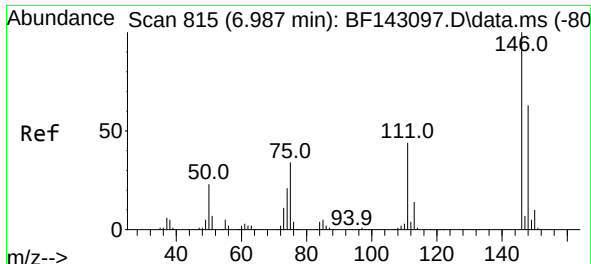
Tgt Ion: 93 Resp: 518695
Ion Ratio Lower Upper
93 100
63 82.4 61.9 101.9
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 57.965 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:146 Resp: 557813
Ion Ratio Lower Upper
146 100
148 62.8 50.1 75.1
75 33.1 27.4 41.0

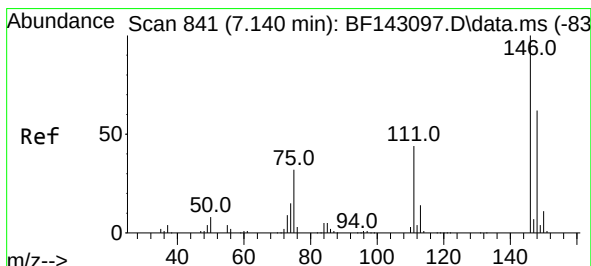
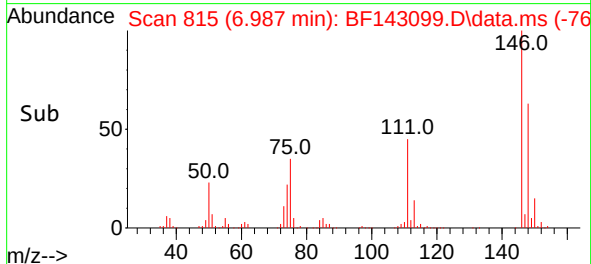
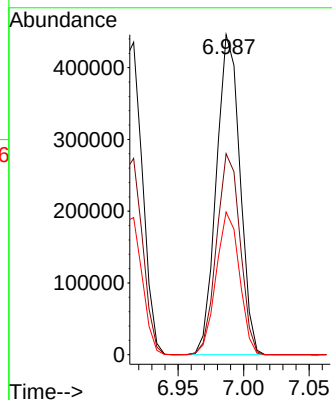
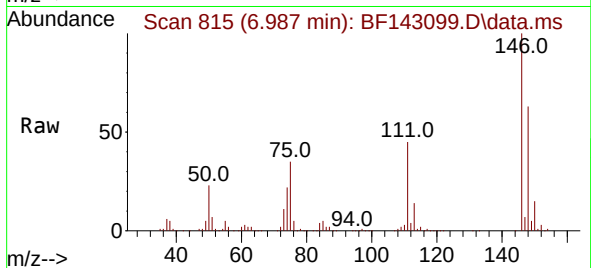




#13
1,4-Dichlorobenzene
Concen: 57.513 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

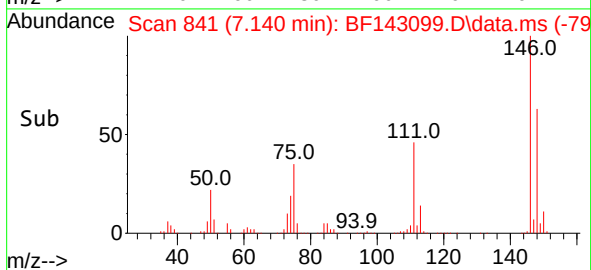
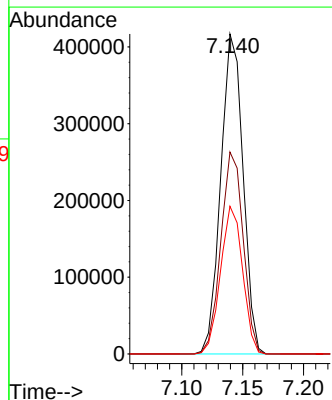
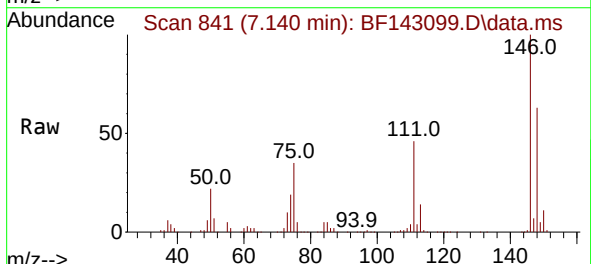
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

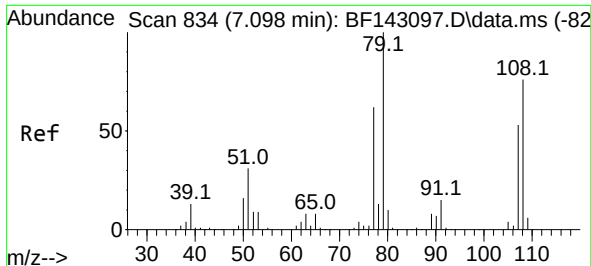
Tgt Ion:146 Resp: 556805
Ion Ratio Lower Upper
146 100
148 62.8 50.6 76.0
111 44.6 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 57.510 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:146 Resp: 530965
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.6
111 46.1 35.4 53.0

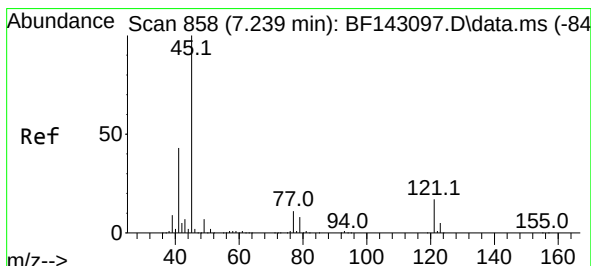
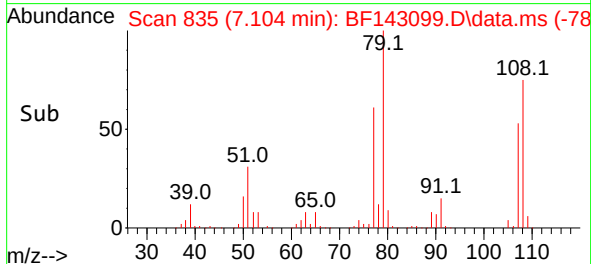
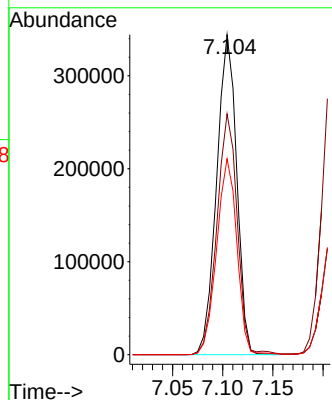
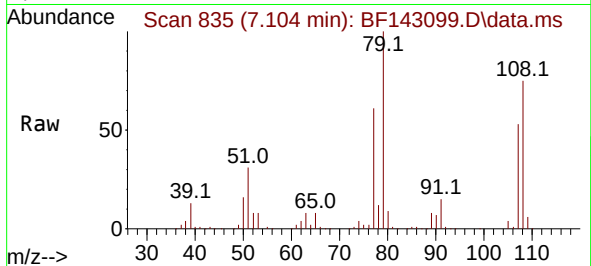




#15
Benzyl Alcohol
Concen: 60.505 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

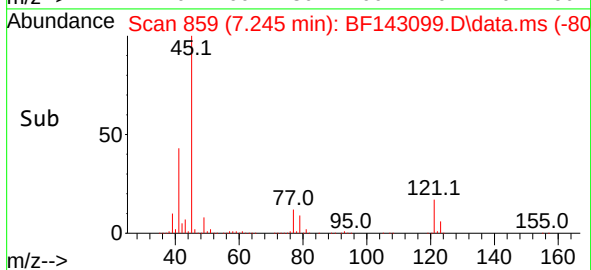
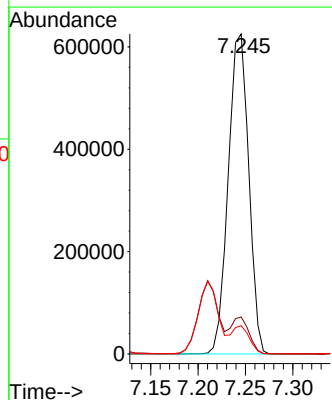
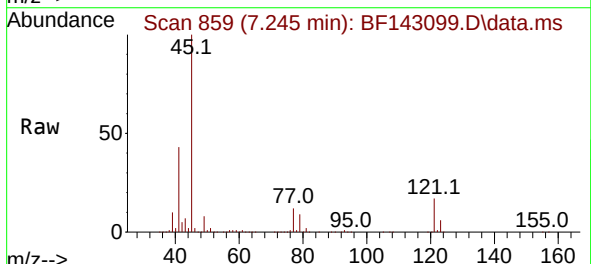
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

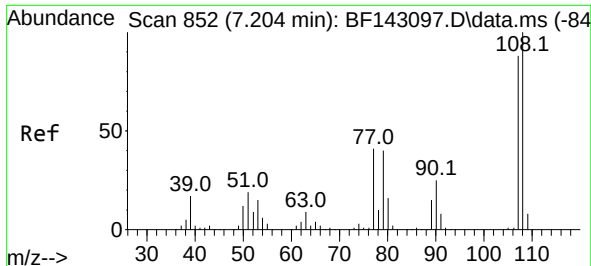
Tgt Ion: 79 Resp: 477773
Ion Ratio Lower Upper
79 100
108 75.3 61.1 91.7
77 61.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.157 ng
RT: 7.245 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 45 Resp: 941009
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.1
79 8.9 0.0 28.4



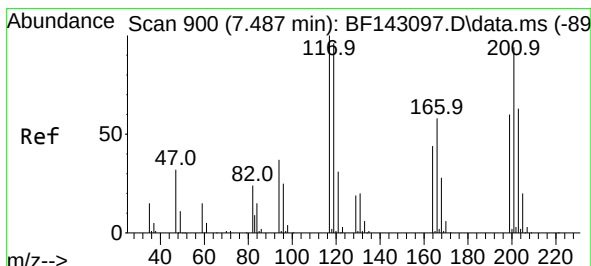
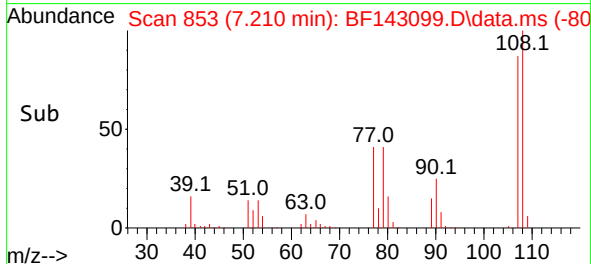
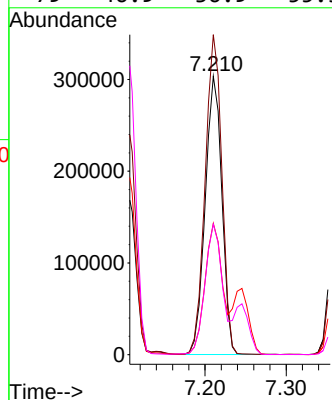
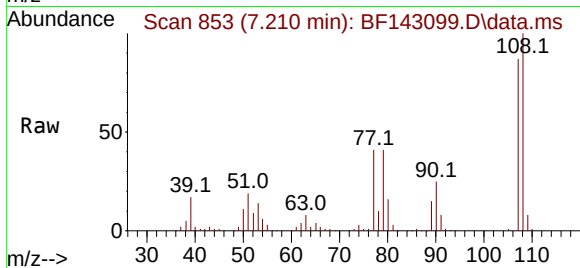


#17
2-Methylphenol
Concen: 58.876 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 432787

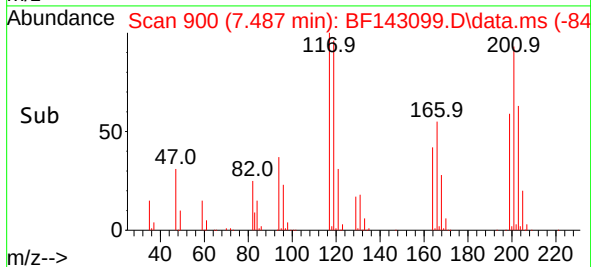
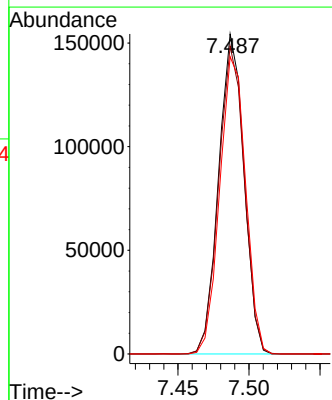
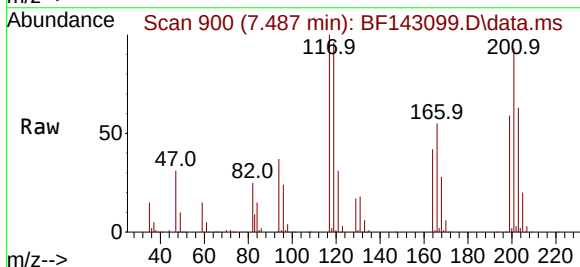
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	47.2	37.5	56.3
79	46.9	36.9	55.3

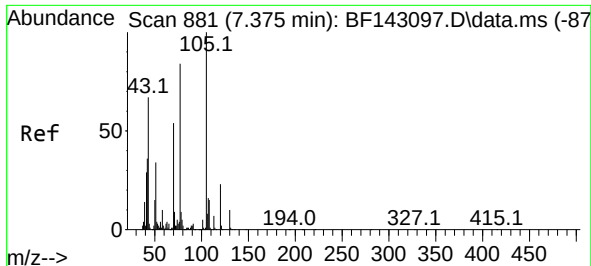


#18
Hexachloroethane
Concen: 60.747 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:117 Resp: 191457

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	92.9	75.0	112.4



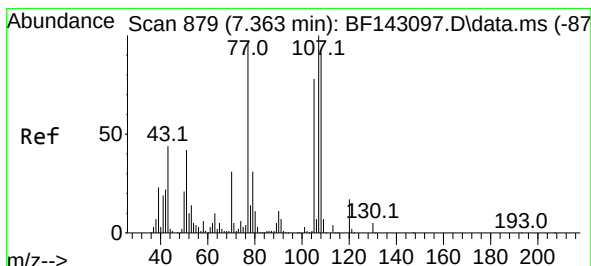
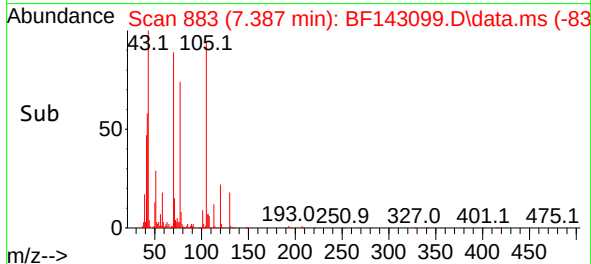
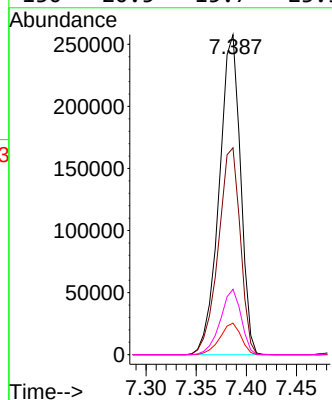
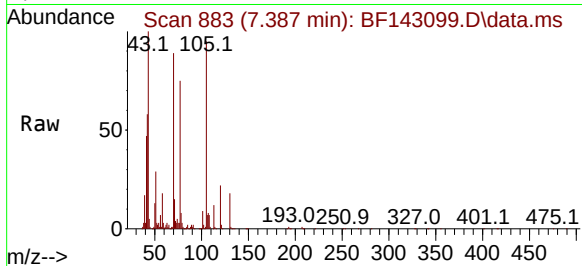


#19
n-Nitroso-di-n-propylamine
Concen: 58.184 ng
RT: 7.387 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 379882

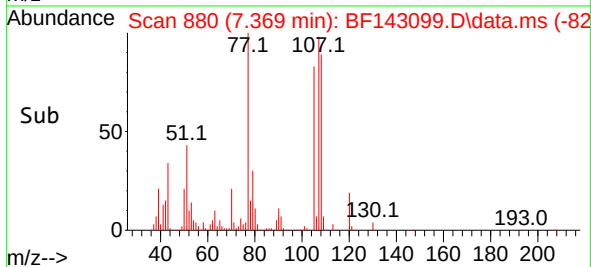
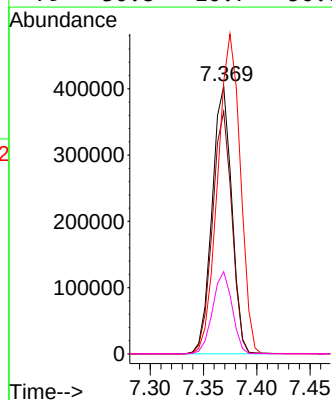
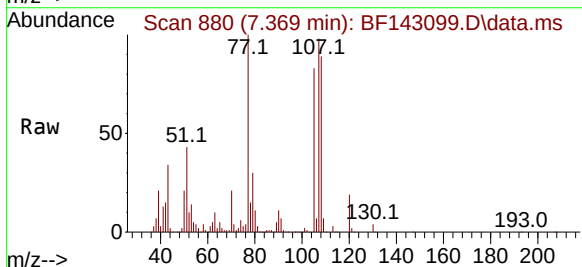
Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.2	79.8
101	9.9	7.5	11.3
130	20.5	15.7	23.5

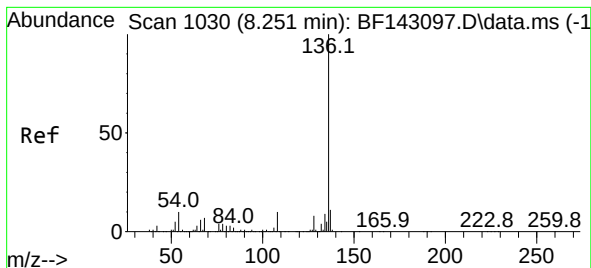


#20
3+4-Methylphenols
Concen: 57.645 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 107 Resp: 519658

Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.3	111.3
77	101.8	77.2	117.2
79	30.8	10.7	50.7



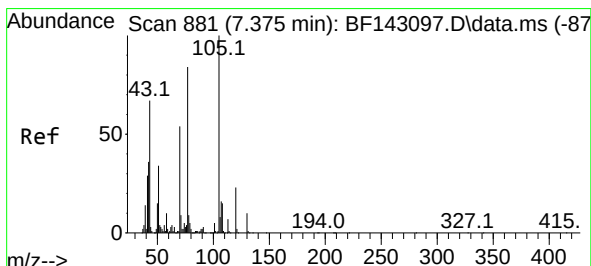
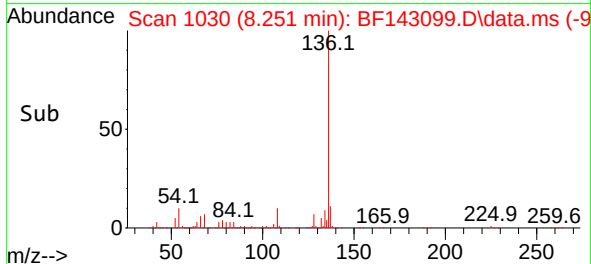
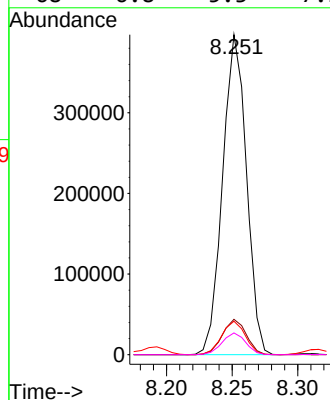
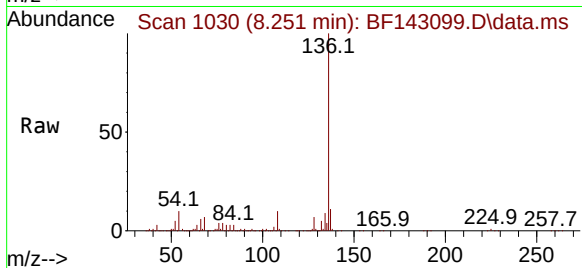


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 501735

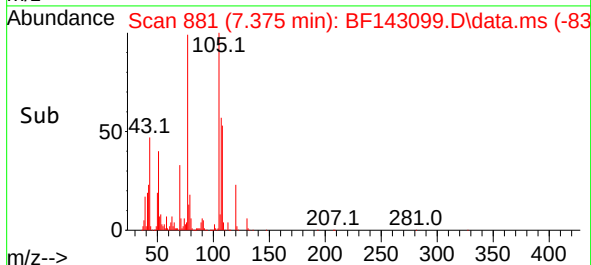
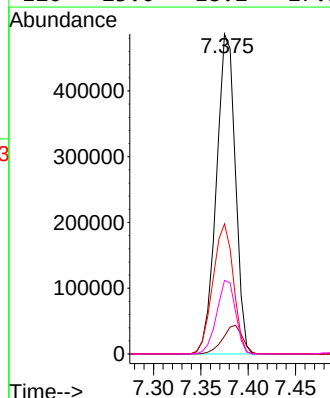
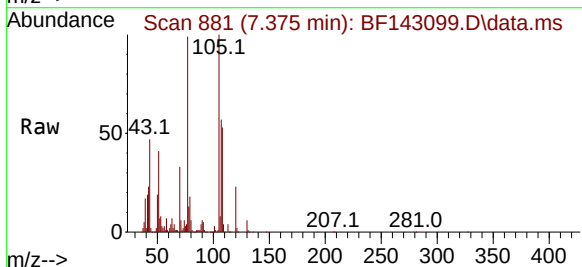
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	8.3	12.5
68	6.8	5.3	7.9

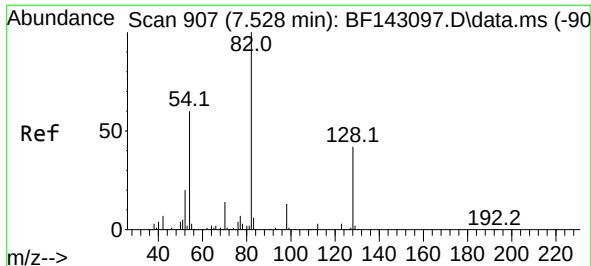


#22
Acetophenone
Concen: 56.141 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:105 Resp: 679007

Ion	Ratio	Lower	Upper
105	100		
71	5.6	7.2	10.8#
51	40.7	27.0	40.4#
120	23.0	18.2	27.2

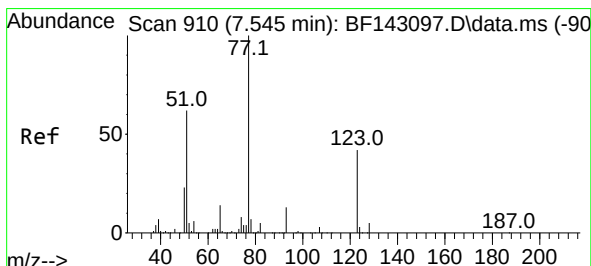
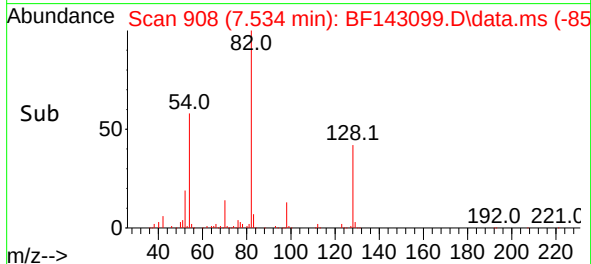
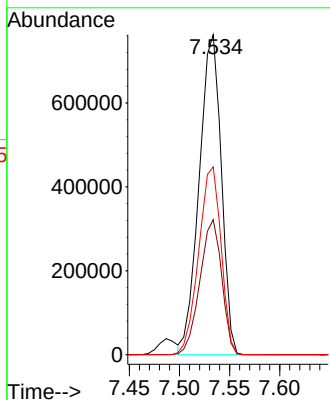
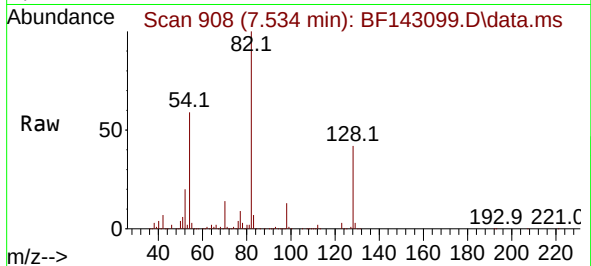




#23
Nitrobenzene-d5
Concen: 131.129 ng
RT: 7.534 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

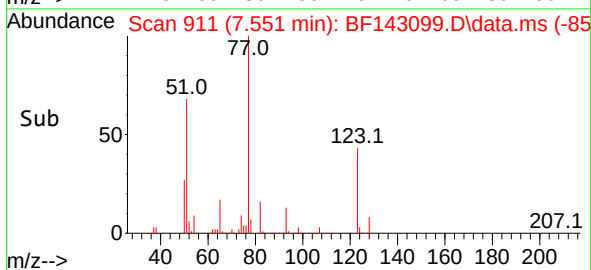
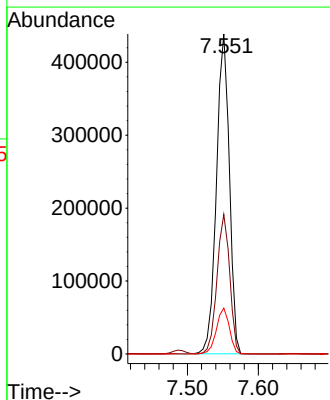
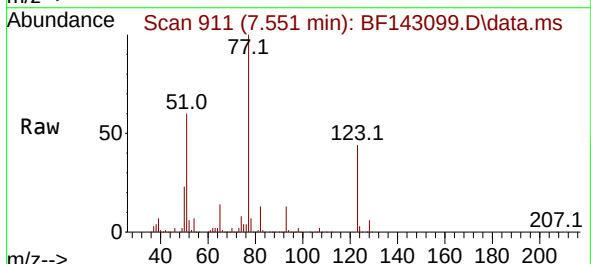
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

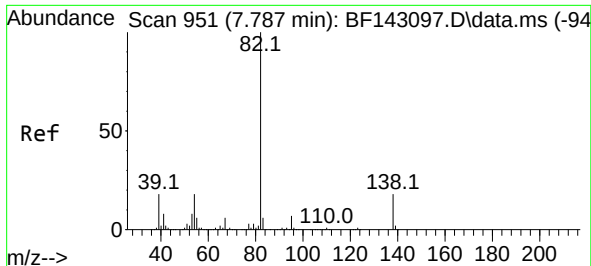
Tgt Ion: 82 Resp: 1172838
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 58.7 47.4 71.2



#24
Nitrobenzene
Concen: 63.778 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 77 Resp: 550668
Ion Ratio Lower Upper
77 100
123 43.6 34.5 51.7
65 14.3 11.3 16.9

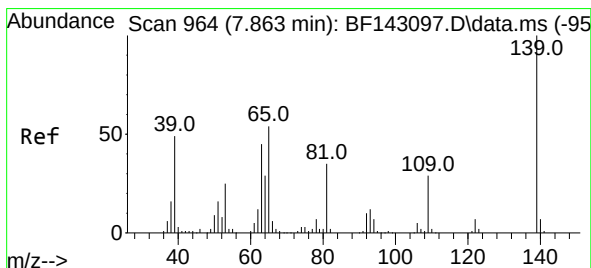
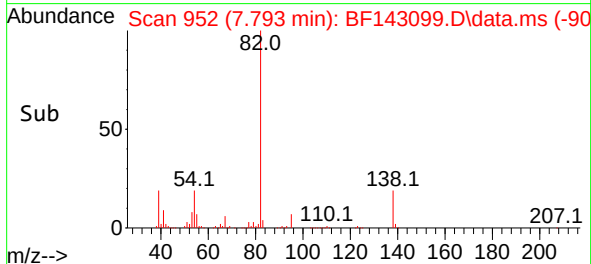
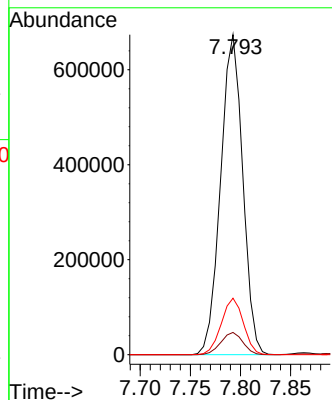
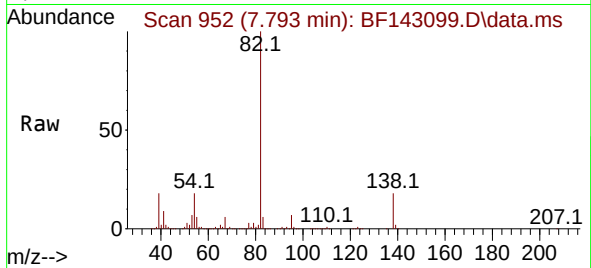




#25
Isophorone
Concen: 59.793 ng
RT: 7.793 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

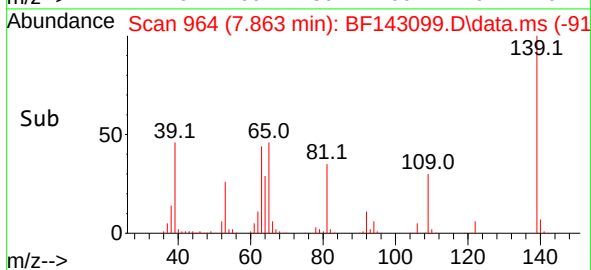
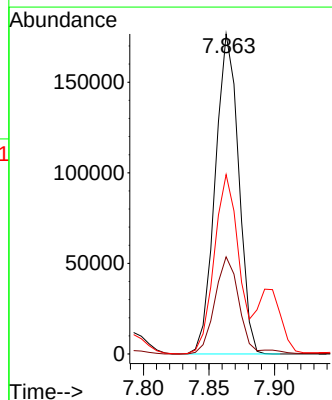
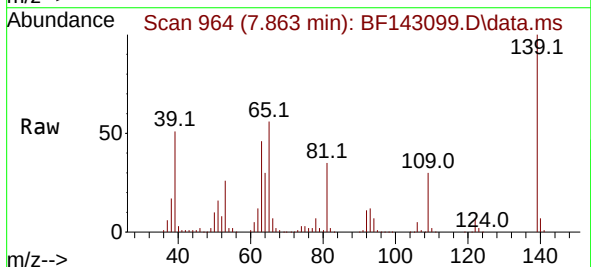
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

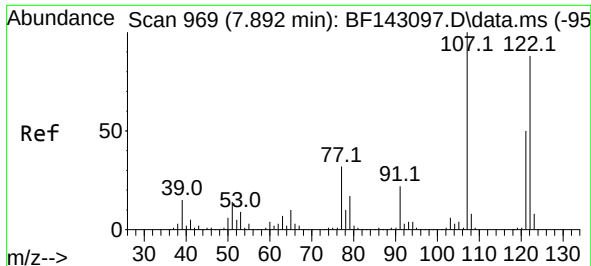
Tgt Ion: 82 Resp: 1033650
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.6 14.3 21.5



#26
2-Nitrophenol
Concen: 62.382 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:139 Resp: 219665
Ion Ratio Lower Upper
139 100
109 30.4 23.4 35.0
65 56.1 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 59.127 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

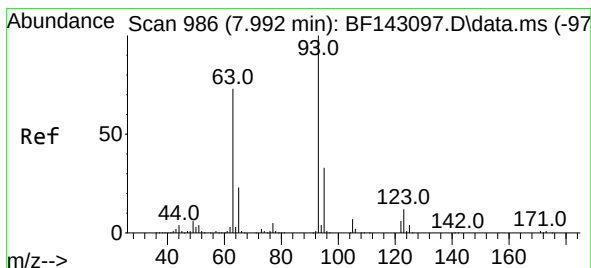
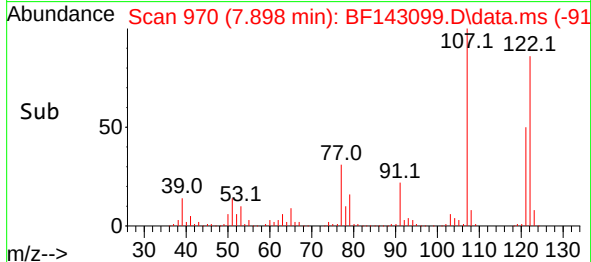
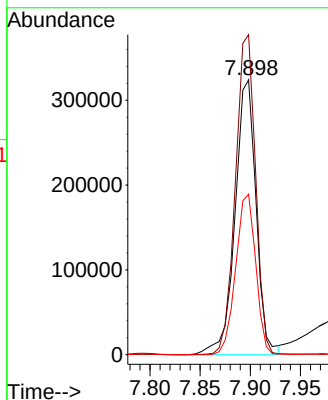
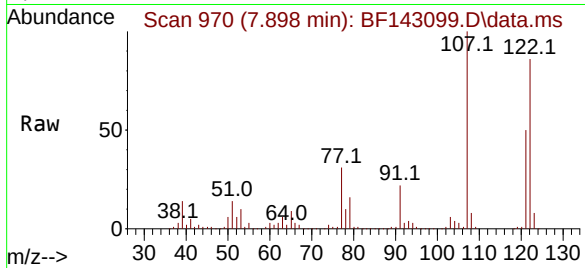
Tgt Ion:122 Resp: 474411

Ion Ratio Lower Upper

122 100

107 116.4 91.3 136.9

121 58.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 58.029 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

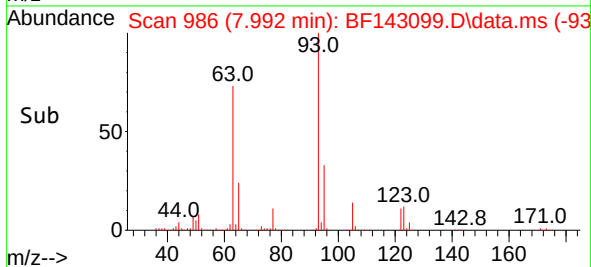
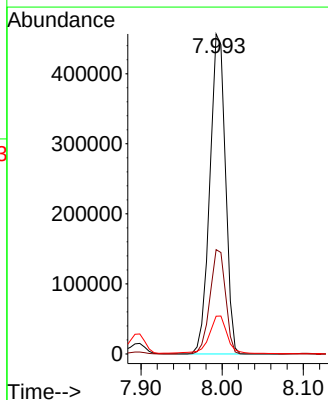
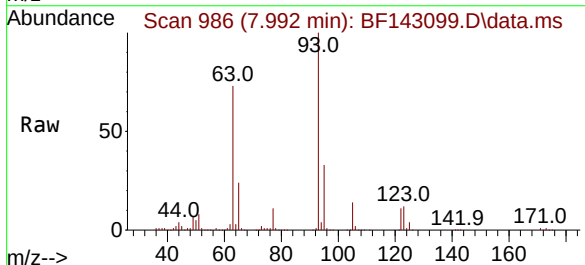
Tgt Ion: 93 Resp: 608314

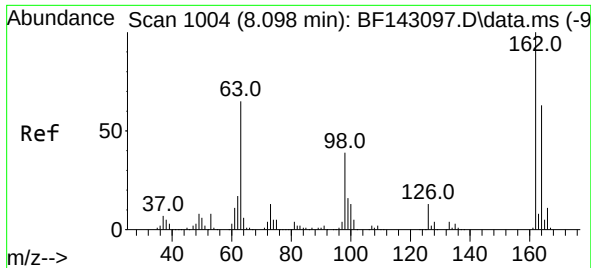
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 62.256 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

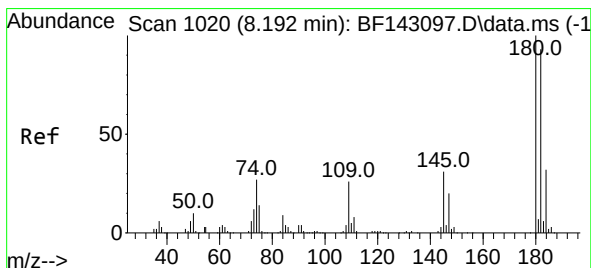
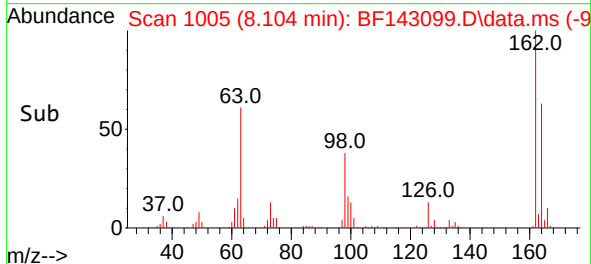
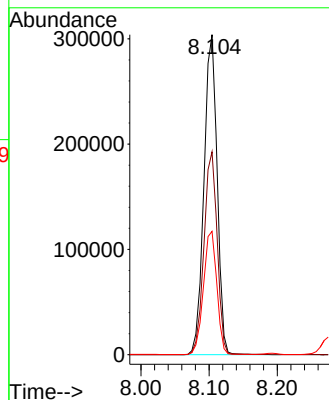
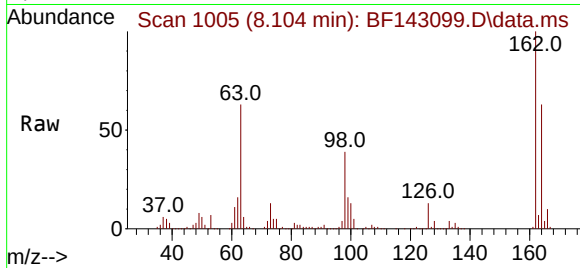
Tgt Ion:162 Resp: 408655

Ion Ratio Lower Upper

162 100

164 63.4 43.1 83.1

98 38.5 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 57.913 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

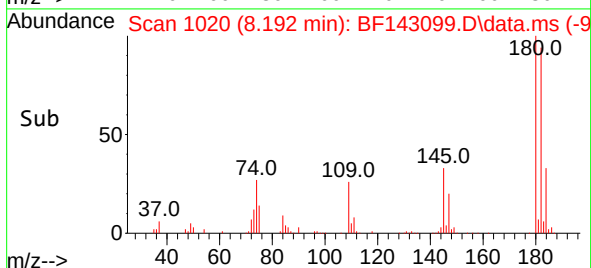
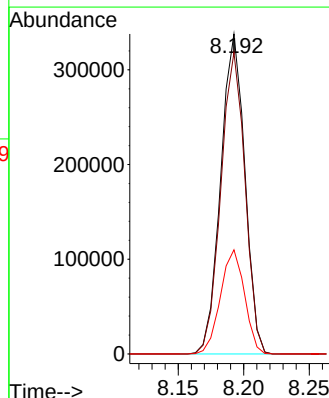
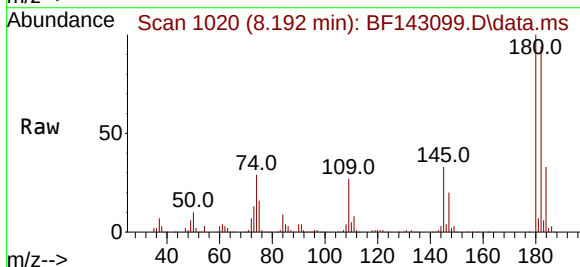
Tgt Ion:180 Resp: 431427

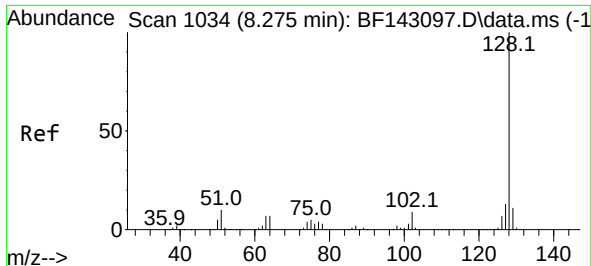
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

145 32.6 24.5 36.7

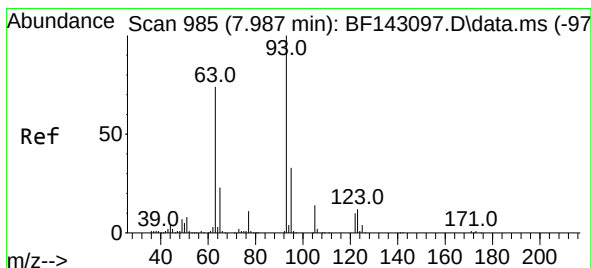
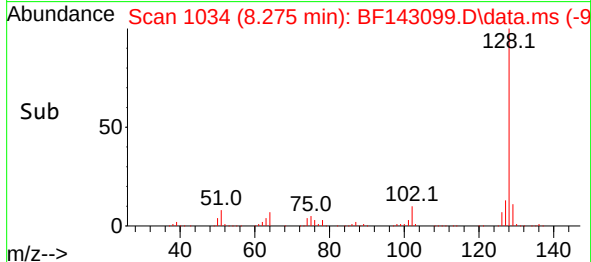
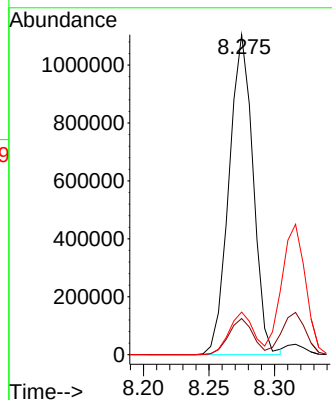
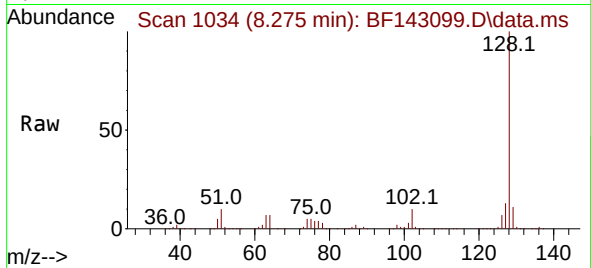




#31
Naphthalene
Concen: 56.612 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

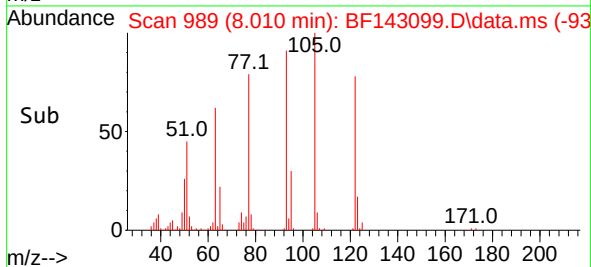
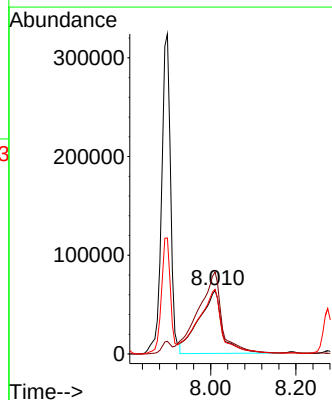
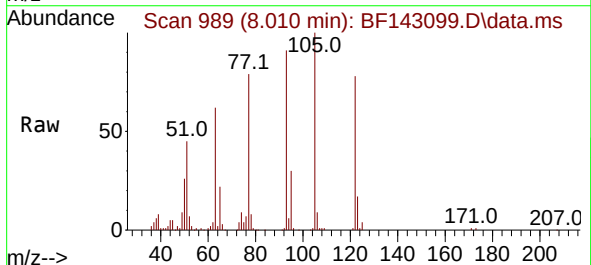
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

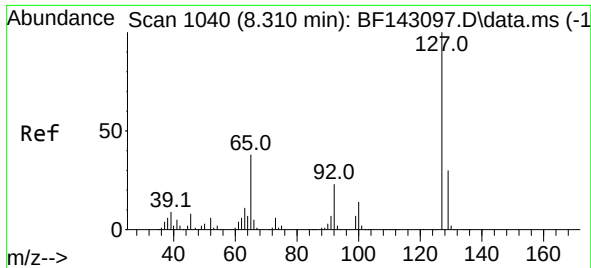
Tgt Ion:128 Resp: 1410509
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 59.376 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.023 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:122 Resp: 244396
Ion Ratio Lower Upper
122 100
105 128.8 105.4 145.4
77 101.6 78.6 118.6

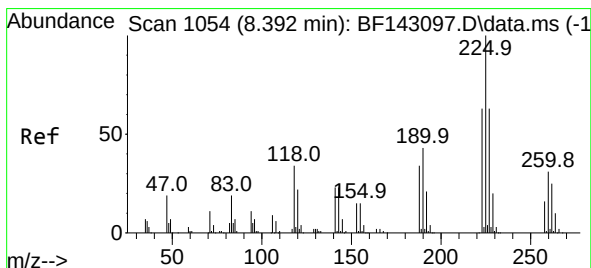
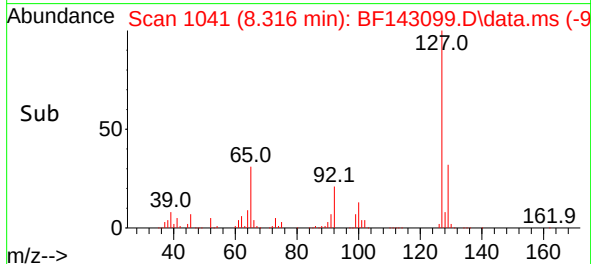
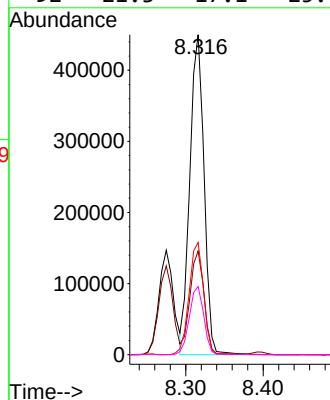
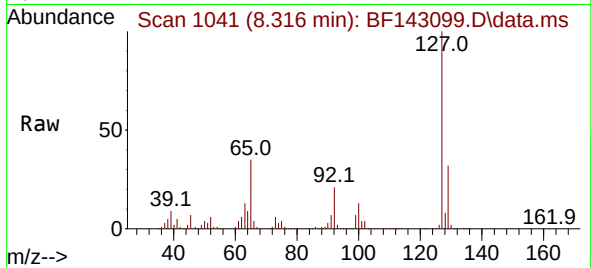




#33
4-Chloroaniline
Concen: 57.309 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

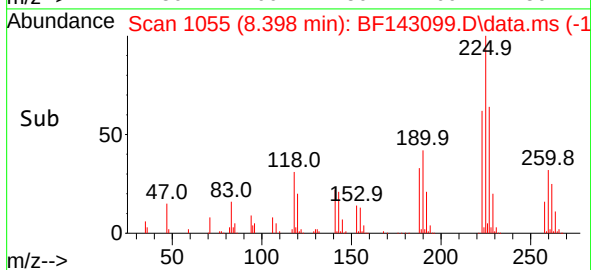
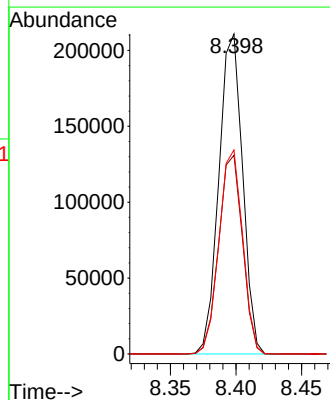
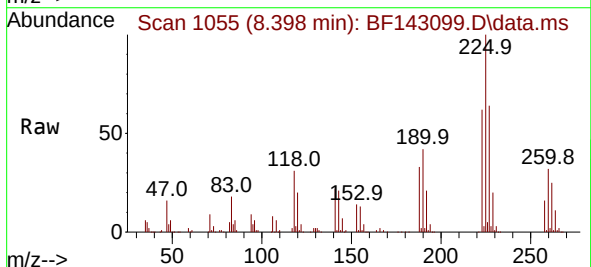
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

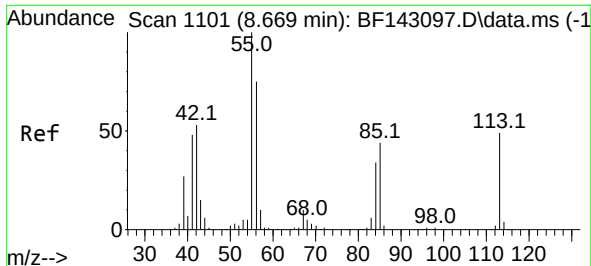
Tgt Ion:	127	Resp:	574196
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.2	39.4
65	35.1	28.6	42.8
92	21.3	17.1	25.7



#34
Hexachlorobutadiene
Concen: 59.499 ng
RT: 8.398 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:	225	Resp:	265081
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.3	75.5
227	63.7	50.1	75.1

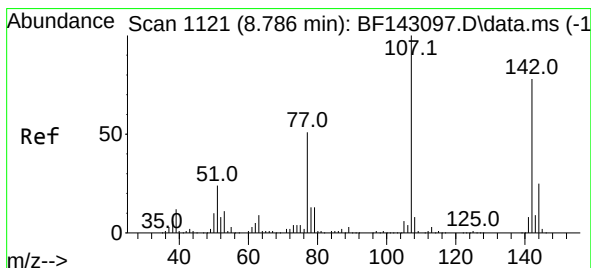
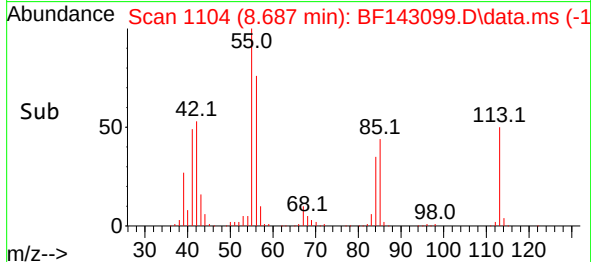
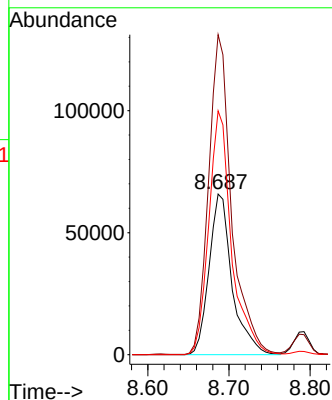
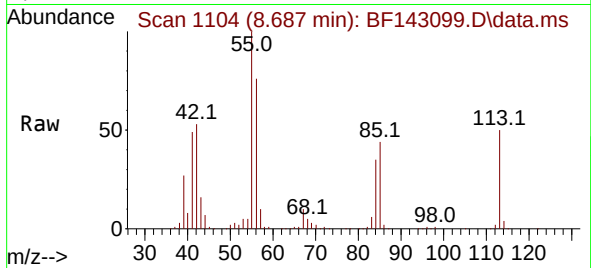




#35
 Caprolactam
 Concen: 63.219 ng
 RT: 8.687 min Scan# 1104
 Delta R.T. 0.018 min
 Lab File: BF143099.D
 Acq: 15 Jul 2025 16:05

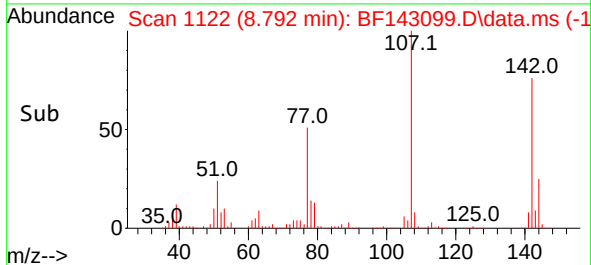
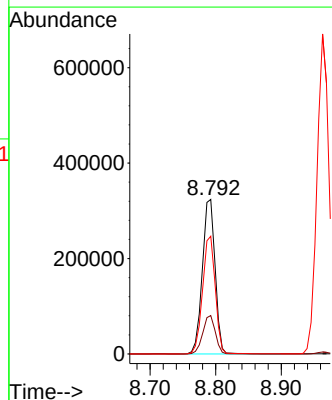
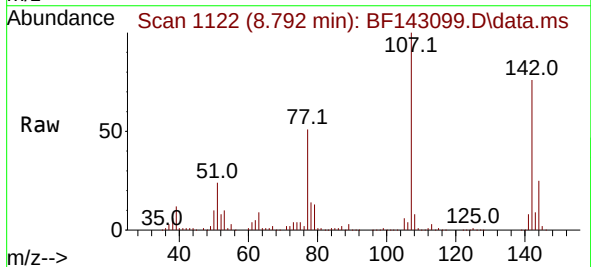
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

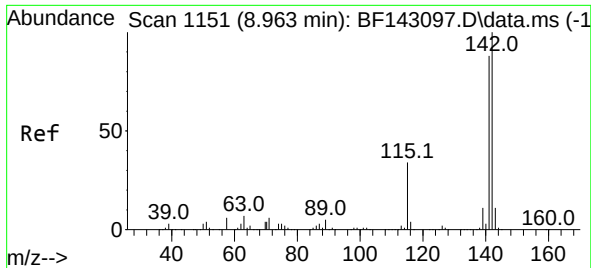
Tgt Ion:113 Resp: 129583
 Ion Ratio Lower Upper
 113 100
 55 199.1 186.2 226.2
 56 151.7 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 60.299 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF143099.D
 Acq: 15 Jul 2025 16:05

Tgt Ion:107 Resp: 440907
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 76.3 62.4 93.6





#37

2-Methylnaphthalene

Concen: 56.930 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

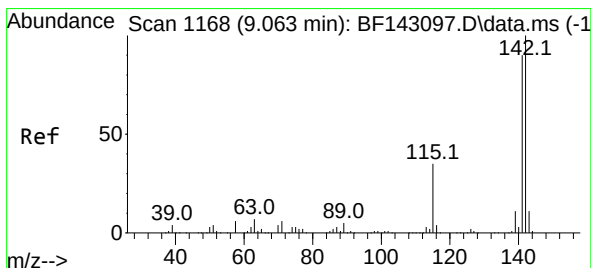
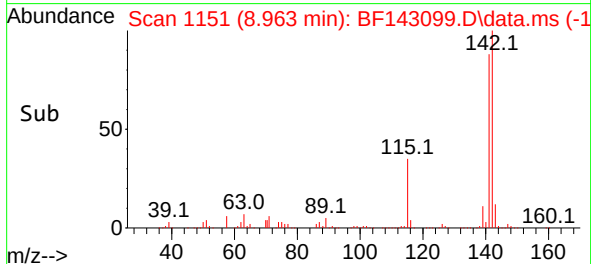
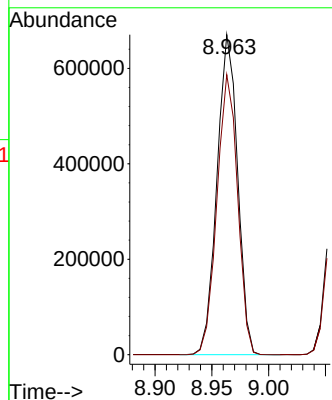
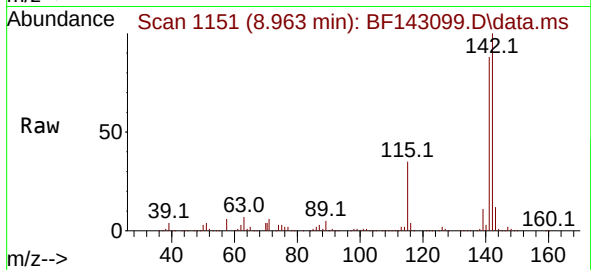
SSTDICC060

Tgt Ion:142 Resp: 846190

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2



#38

1-Methylnaphthalene

Concen: 56.399 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143099.D

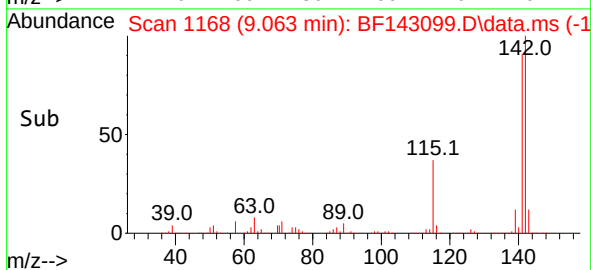
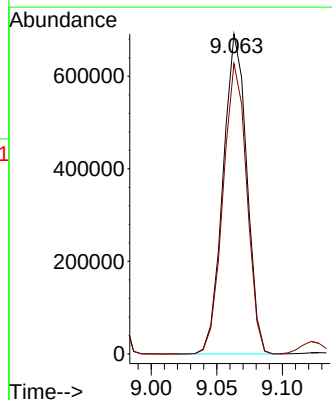
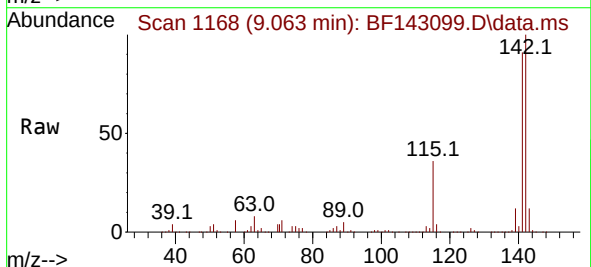
Acq: 15 Jul 2025 16:05

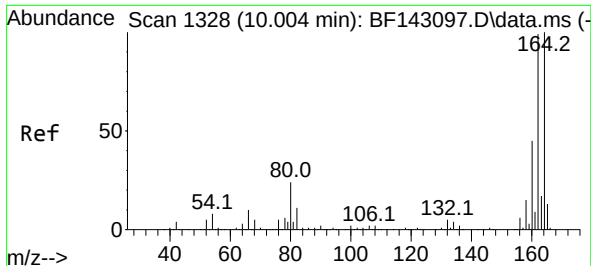
Tgt Ion:142 Resp: 869460

Ion Ratio Lower Upper

142 100

141 90.7 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

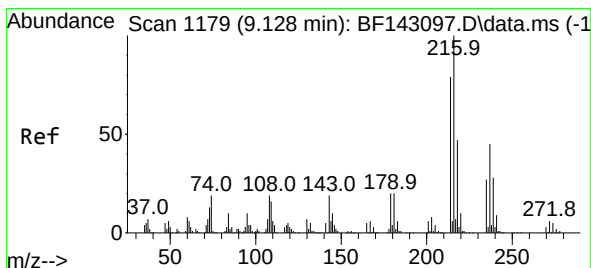
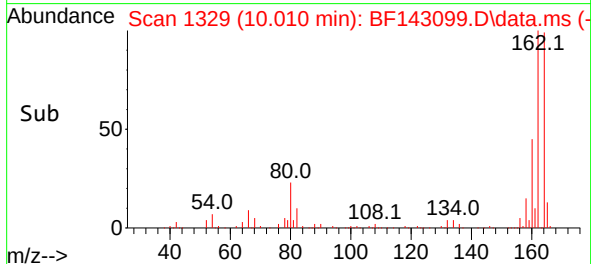
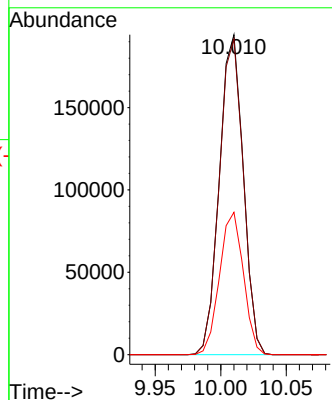
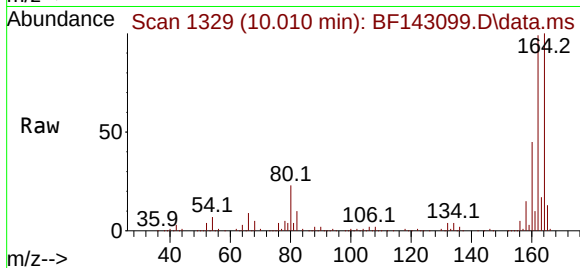
Tgt Ion:164 Resp: 246002

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

160 44.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.762 ng

RT: 9.134 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Tgt Ion:216 Resp: 414099

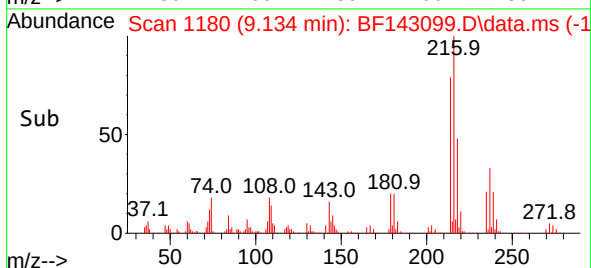
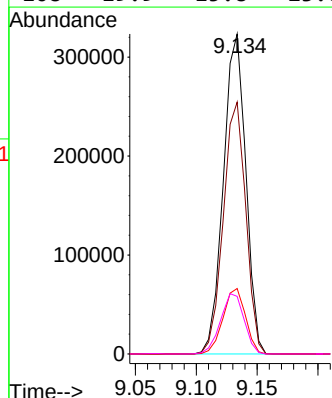
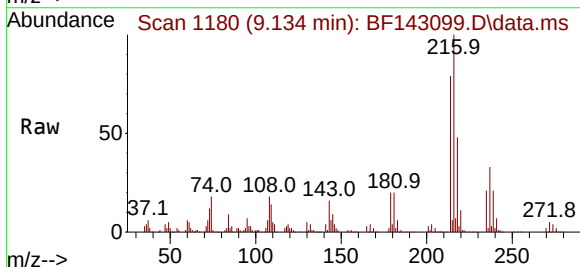
Ion Ratio Lower Upper

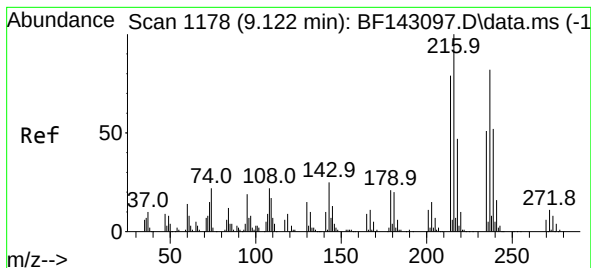
216 100

214 78.8 62.6 94.0

179 20.6 16.2 24.2

108 19.9 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 66.101 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

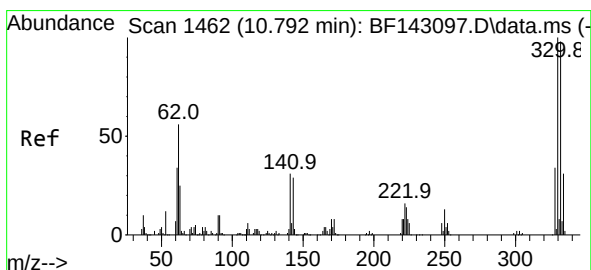
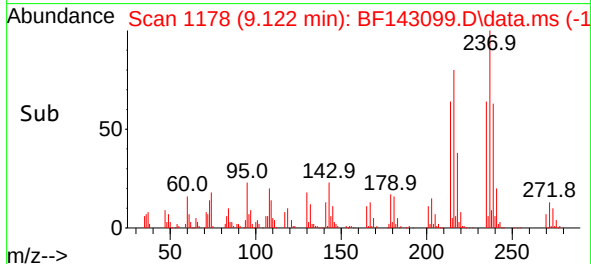
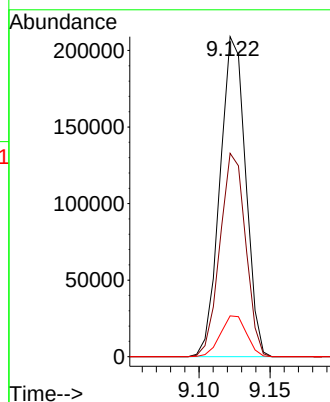
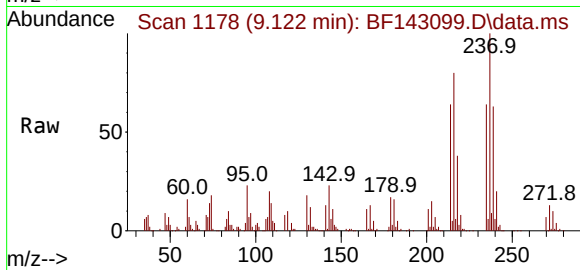
Tgt Ion:237 Resp: 262731

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

272 12.8 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 130.765 ng

RT: 10.798 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

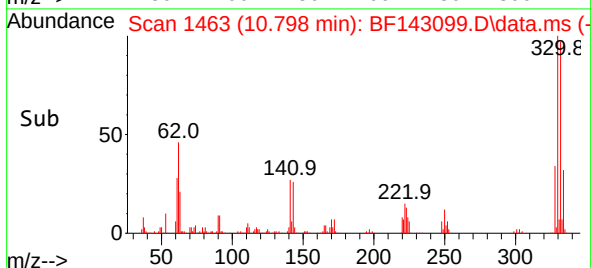
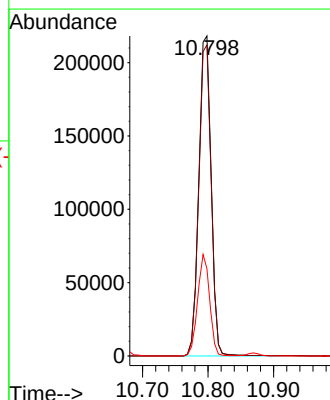
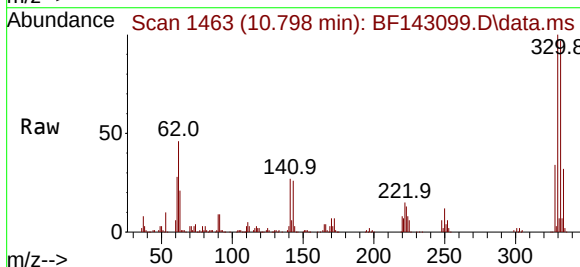
Tgt Ion:330 Resp: 286830

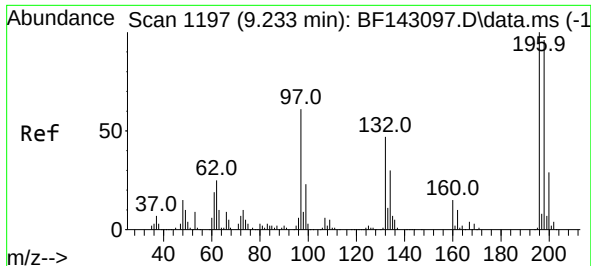
Ion Ratio Lower Upper

330 100

332 97.0 77.9 116.9

141 30.8 25.9 38.9

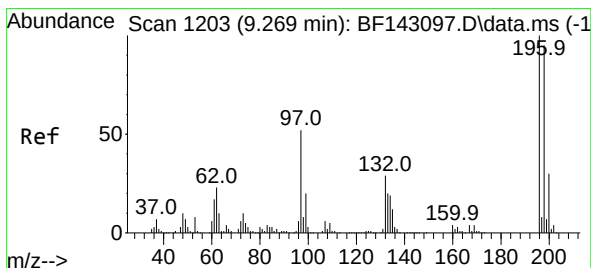
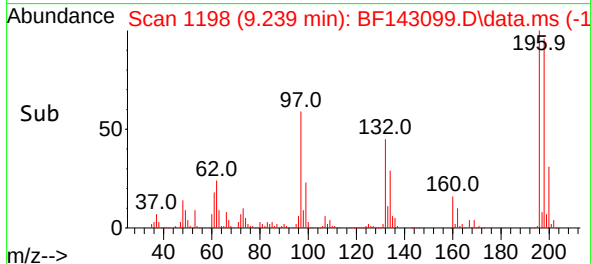
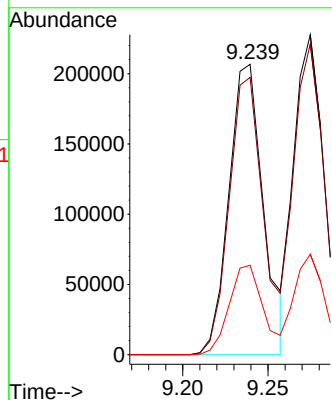
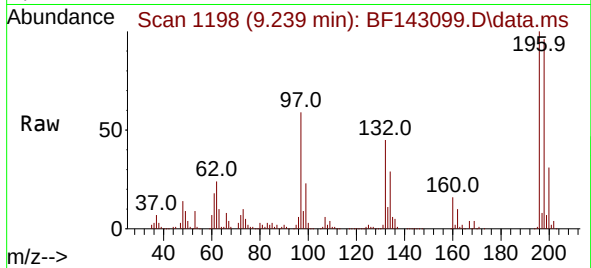




#43
2,4,6-Trichlorophenol
Concen: 65.157 ng
RT: 9.239 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

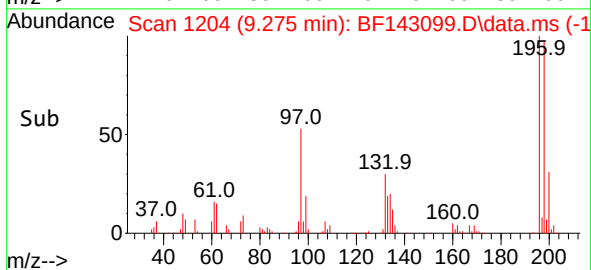
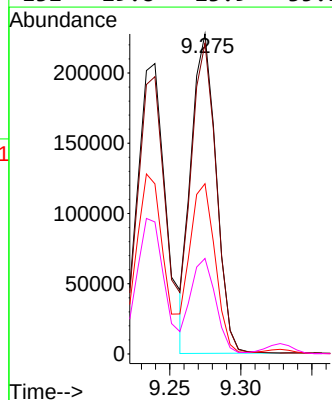
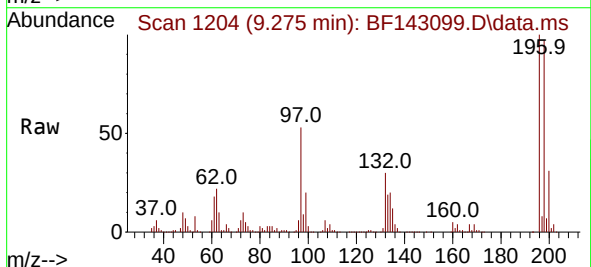
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

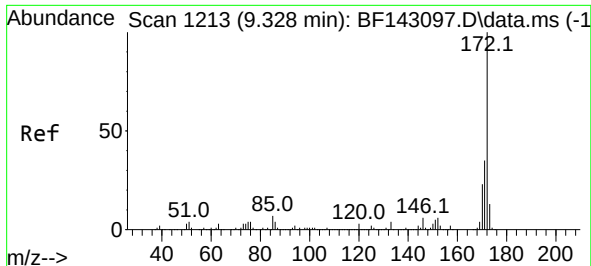
Tgt Ion:196 Resp: 290245
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 30.8 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 59.502 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:196 Resp: 277922
Ion Ratio Lower Upper
196 100
198 97.1 76.4 114.6
97 53.2 42.4 63.6
132 29.8 23.9 35.9

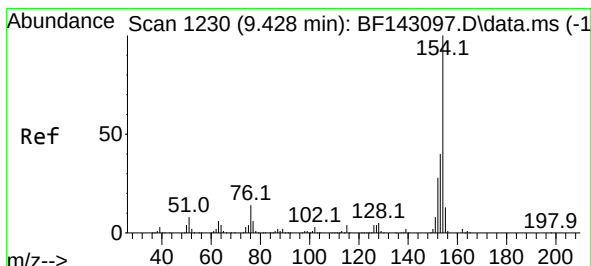
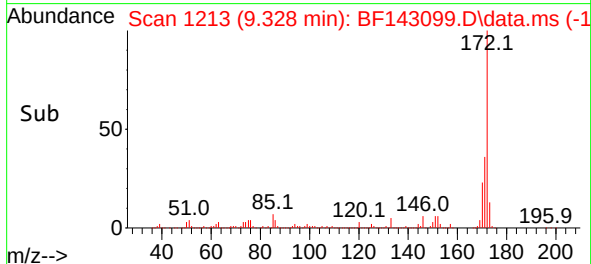
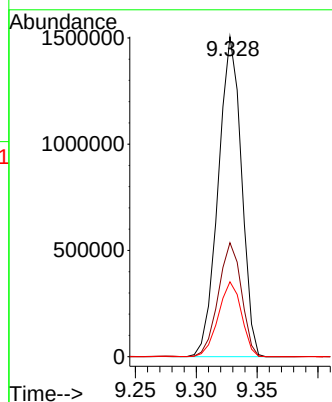
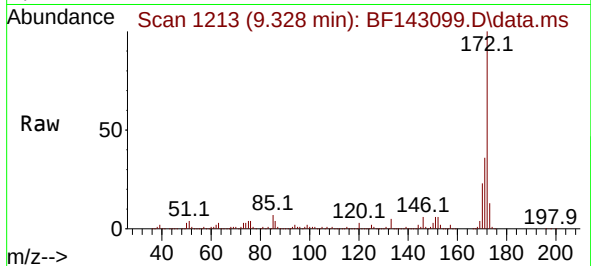




#45
2-Fluorobiphenyl
Concen: 108.050 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

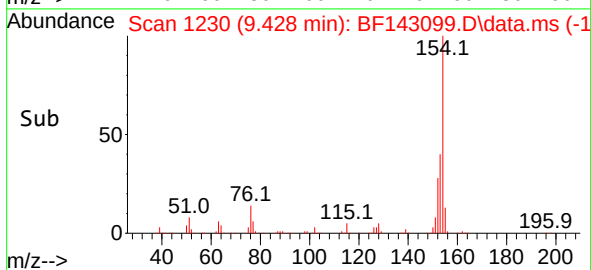
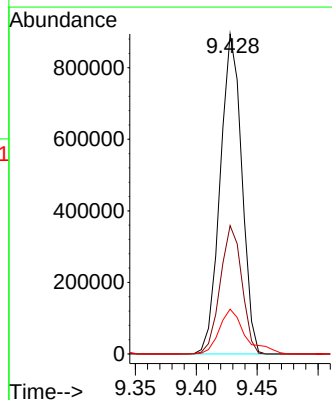
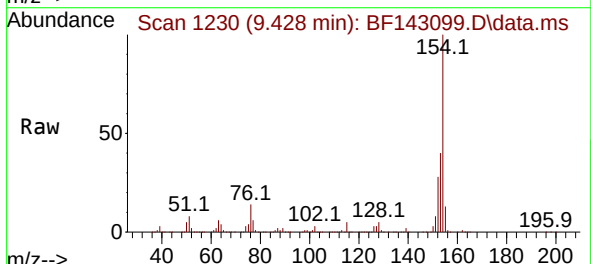
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

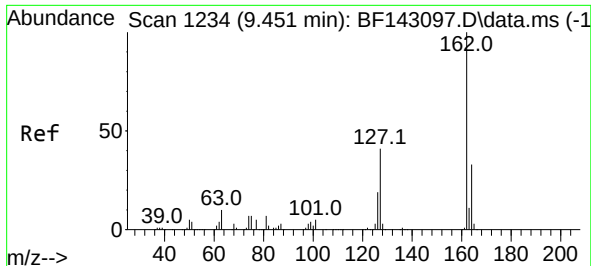
Tgt Ion:172 Resp: 1999612
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 56.274 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:154 Resp: 1103990
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 14.0 0.0 33.7





#47

2-Chloronaphthalene

Concen: 57.350 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

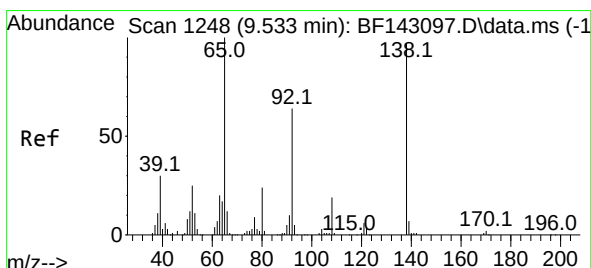
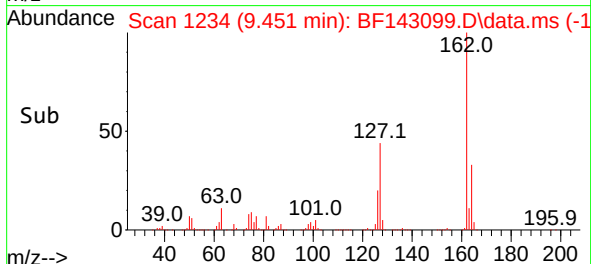
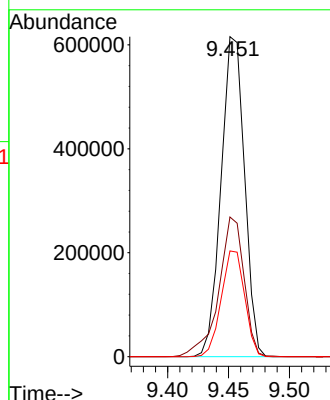
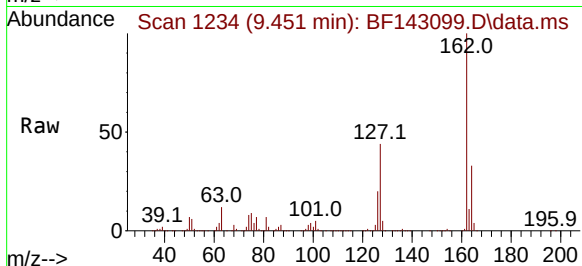
Tgt Ion:162 Resp: 826528

Ion Ratio Lower Upper

162 100

127 43.7 33.0 49.6

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 61.259 ng

RT: 9.539 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

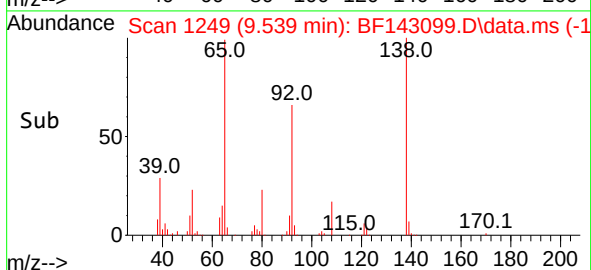
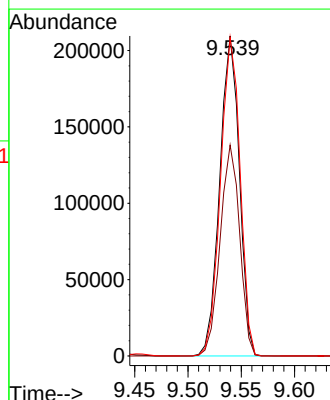
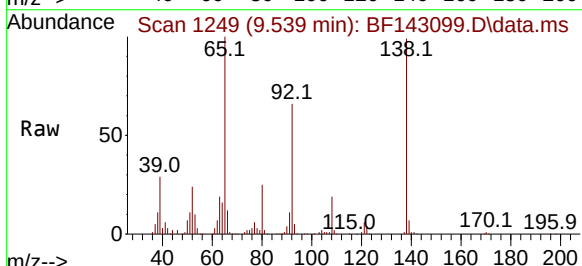
Tgt Ion: 65 Resp: 267636

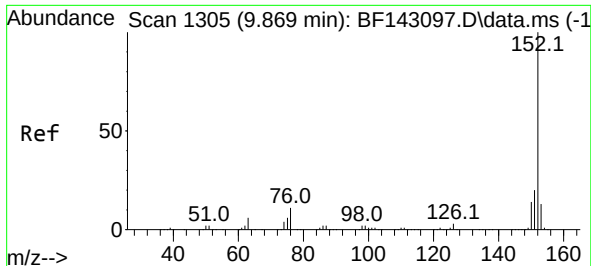
Ion Ratio Lower Upper

65 100

92 65.9 51.3 76.9

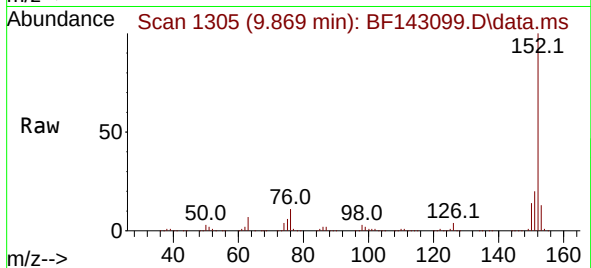
138 99.5 77.8 116.6



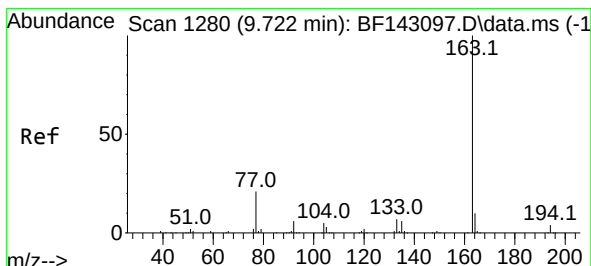
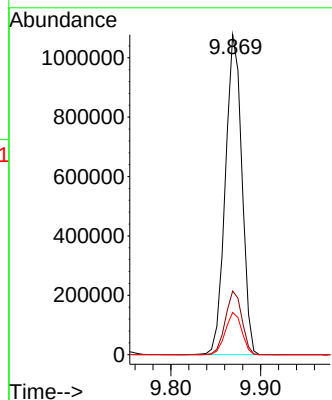
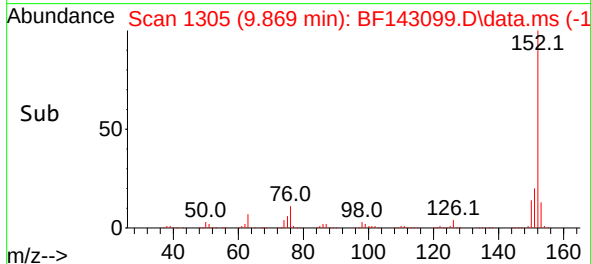


#49
Acenaphthylene
Concen: 57.388 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

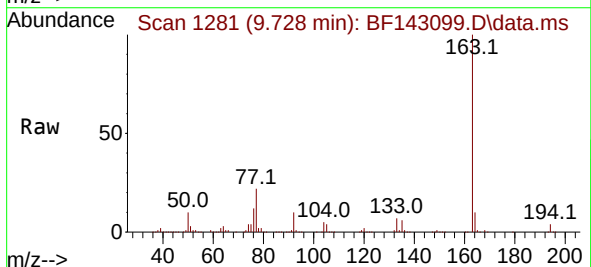
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



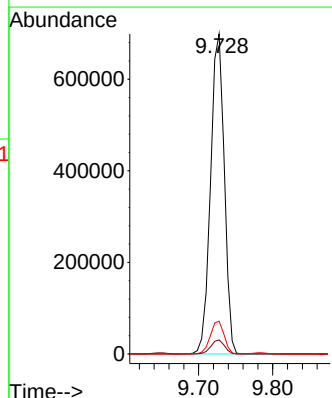
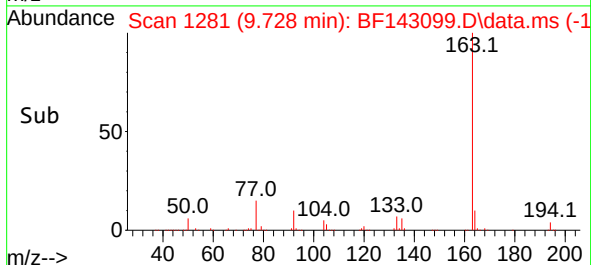
Tgt Ion:152 Resp: 1378196
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.4 15.6

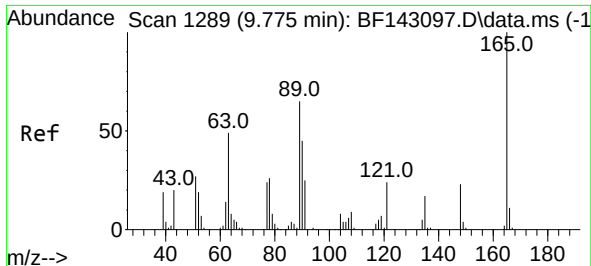


#50
Dimethylphthalate
Concen: 58.118 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05



Tgt Ion:163 Resp: 899456
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 62.287 ng

RT: 9.781 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

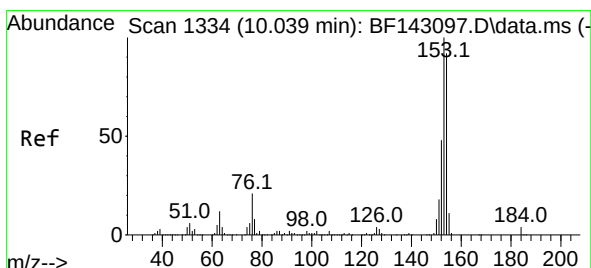
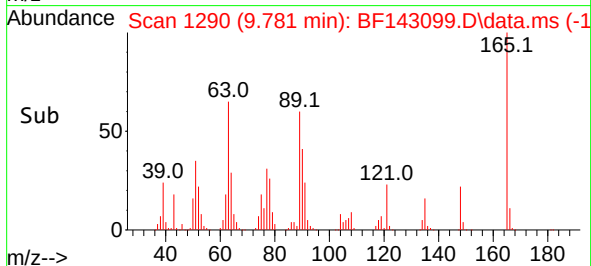
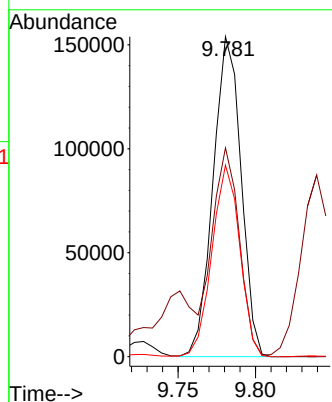
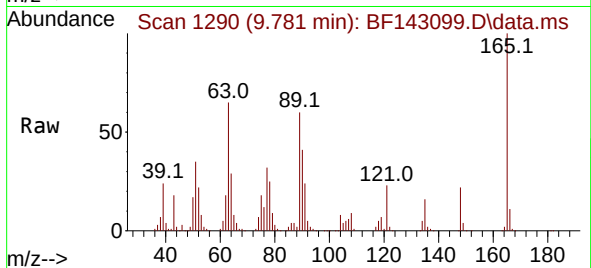
Tgt Ion:165 Resp: 193185

Ion Ratio Lower Upper

165 100

63 65.2 57.4 86.0

89 59.9 51.8 77.8



#52

Acenaphthene

Concen: 56.633 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

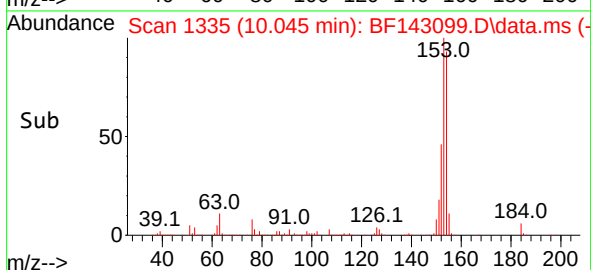
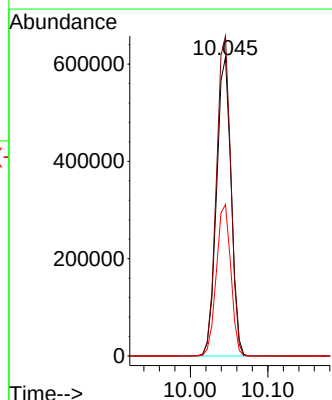
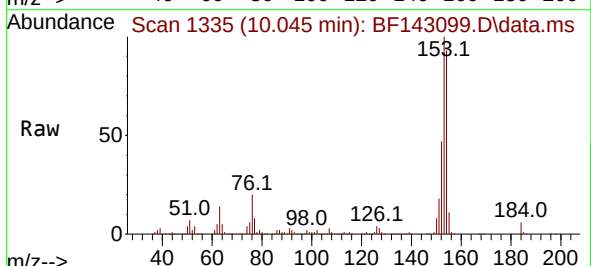
Tgt Ion:154 Resp: 802583

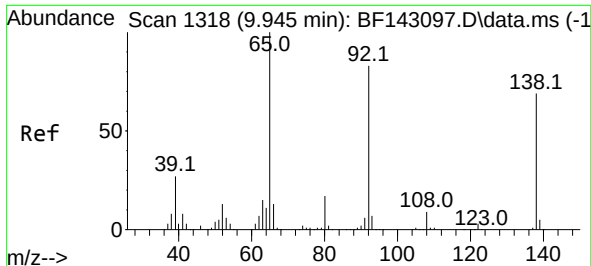
Ion Ratio Lower Upper

154 100

153 107.1 86.7 130.1

152 50.6 41.4 62.2

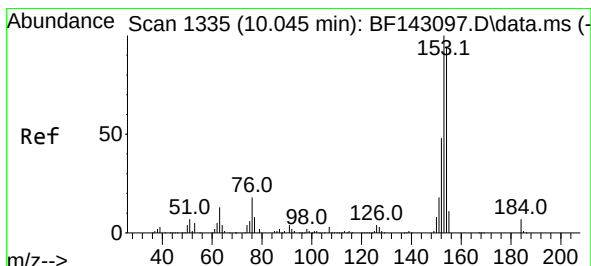
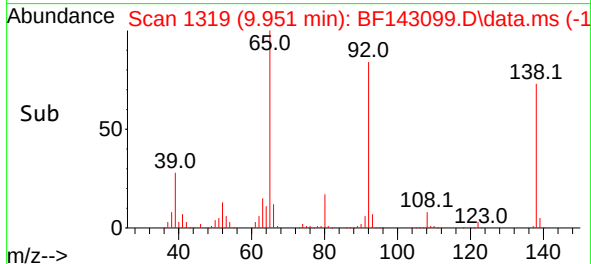
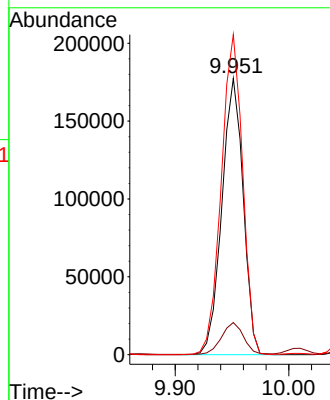
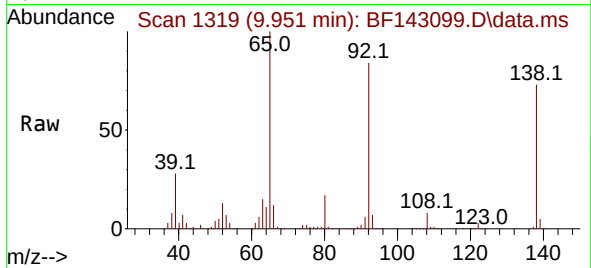




#53
3-Nitroaniline
Concen: 69.008 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

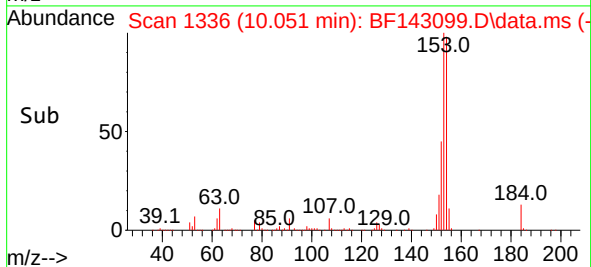
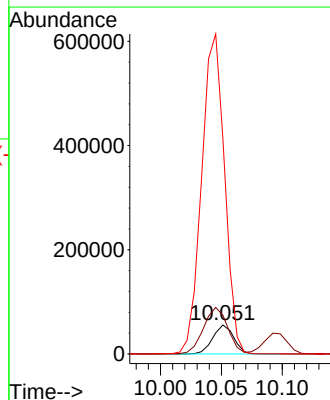
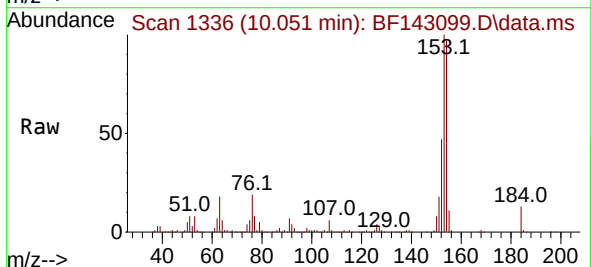
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

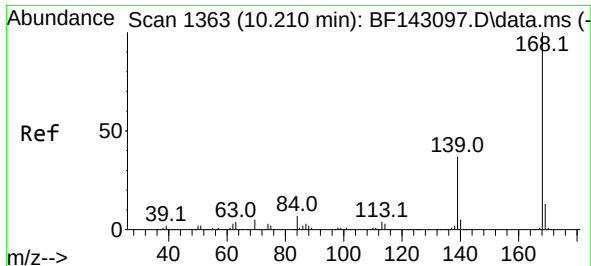
Tgt Ion:138 Resp: 230773
Ion Ratio Lower Upper
138 100
108 11.6 10.1 15.1
92 115.8 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 61.314 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:184 Resp: 66479
Ion Ratio Lower Upper
184 100
63 133.6 149.3 223.9#
154 743.3 1048.0 1572.0#

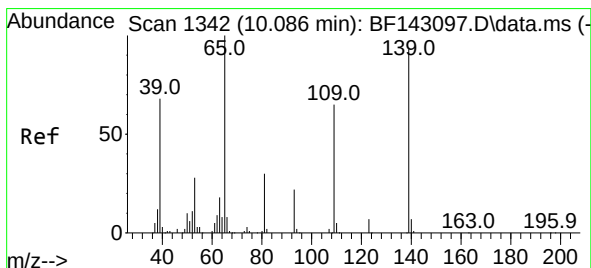
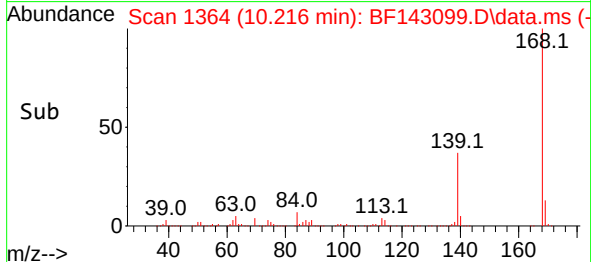
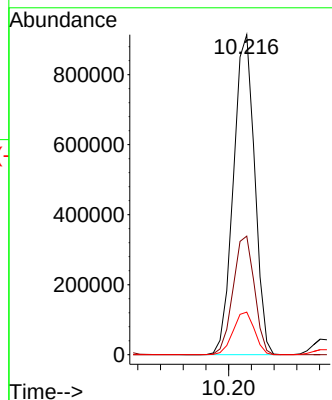
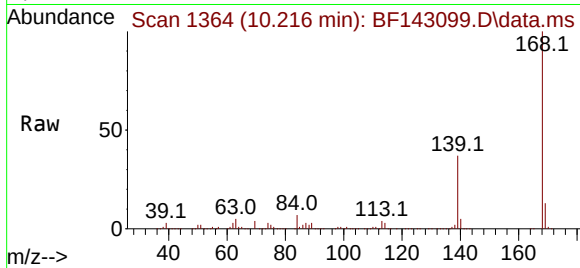




#55
Dibenzofuran
Concen: 56.052 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

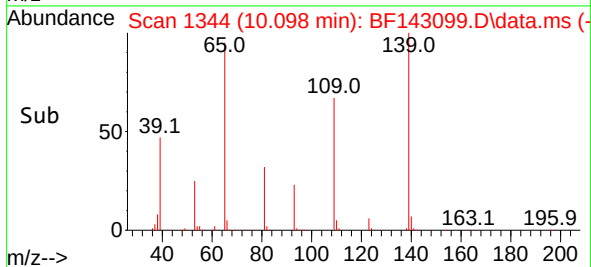
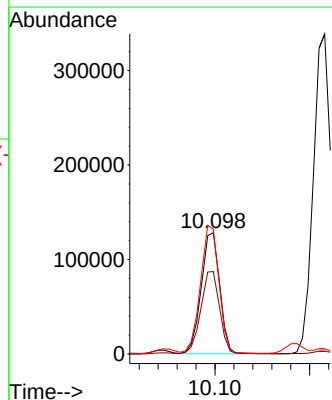
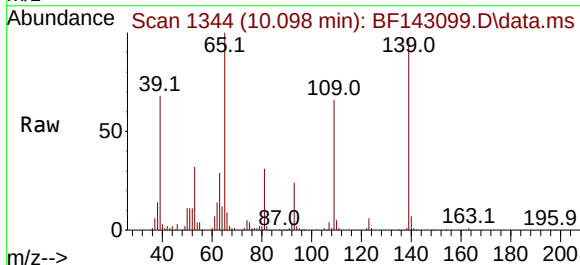
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

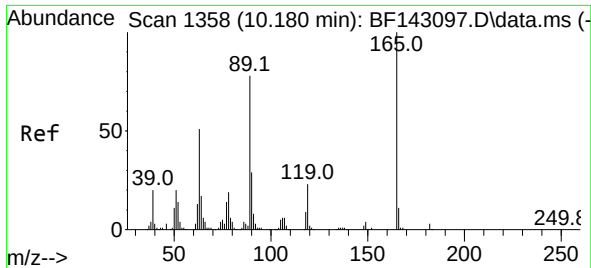
Tgt Ion:168 Resp: 1184002
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 65.716 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:139 Resp: 174657
Ion Ratio Lower Upper
139 100
109 67.9 49.4 89.4
65 102.8 88.2 128.2

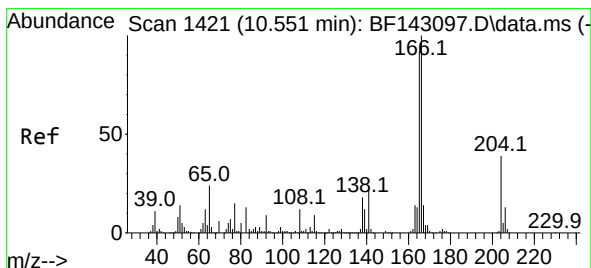
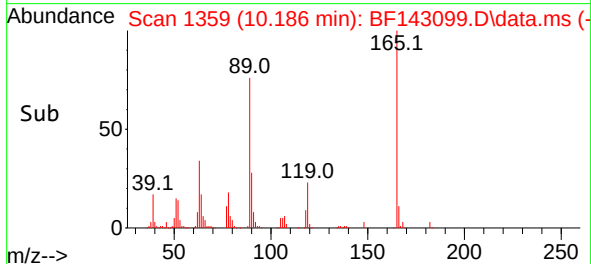
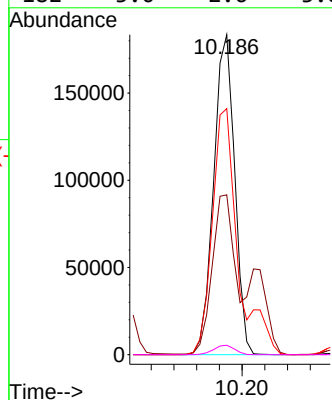
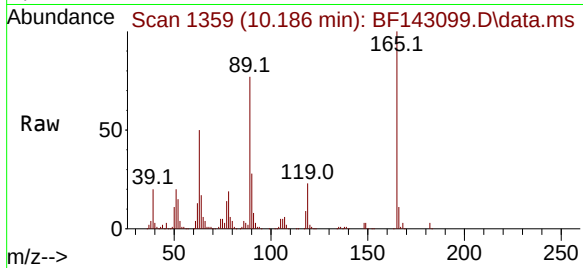




#57
2,4-Dinitrotoluene
Concen: 60.695 ng
RT: 10.186 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

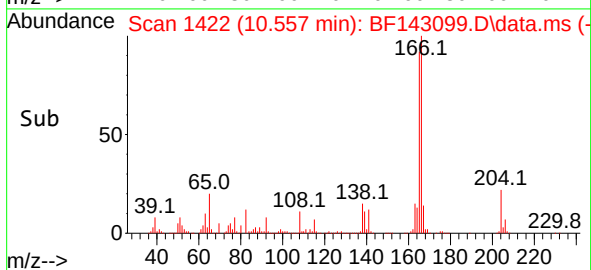
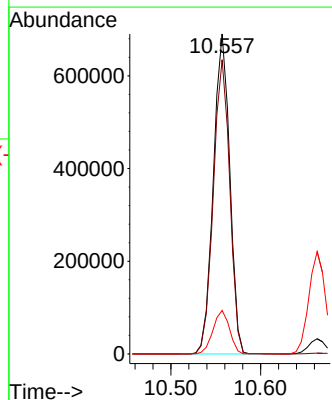
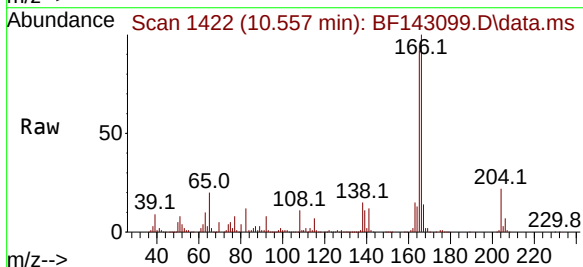
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

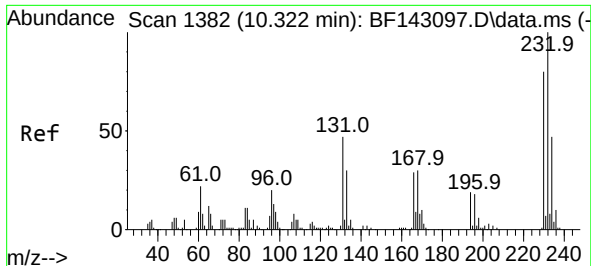
Tgt Ion:165 Resp: 235488
Ion Ratio Lower Upper
165 100
63 49.9 40.6 61.0
89 76.9 62.3 93.5
182 3.0 2.6 3.8



#58
Fluorene
Concen: 55.265 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:166 Resp: 875218
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 13.6 10.9 16.3

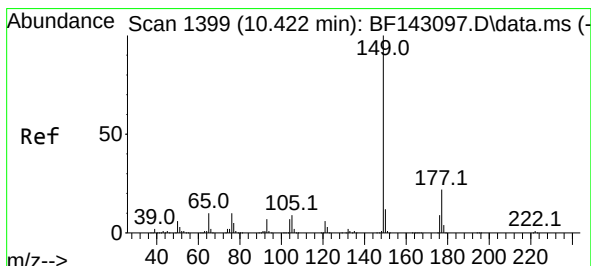
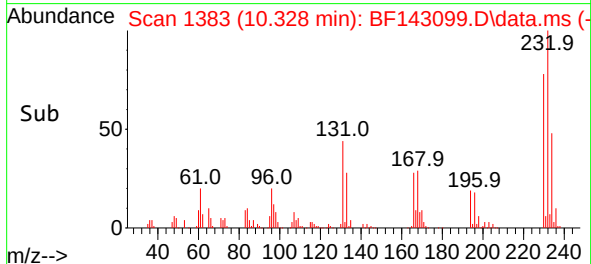
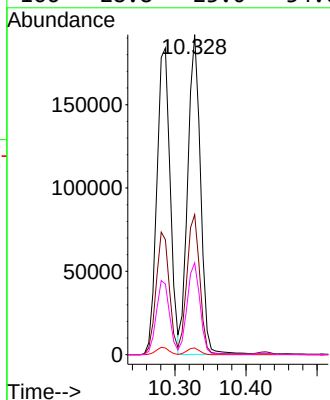
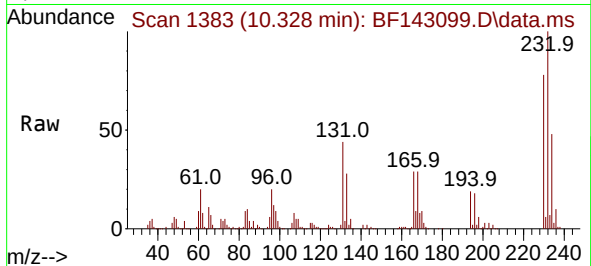




#59
2,3,4,6-Tetrachlorophenol
Concen: 64.235 ng
RT: 10.328 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

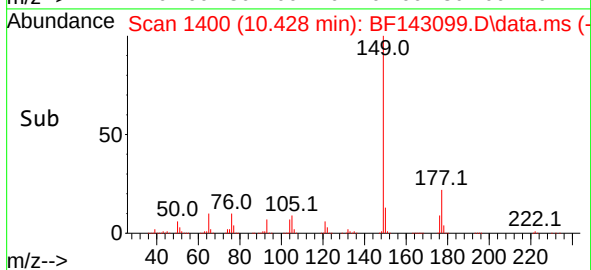
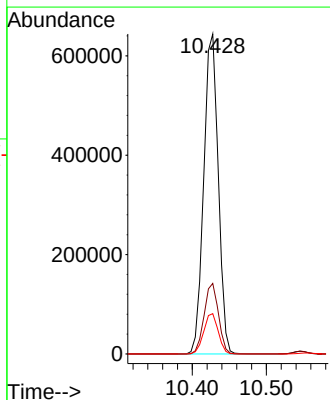
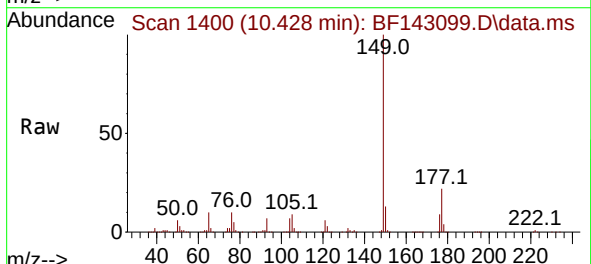
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

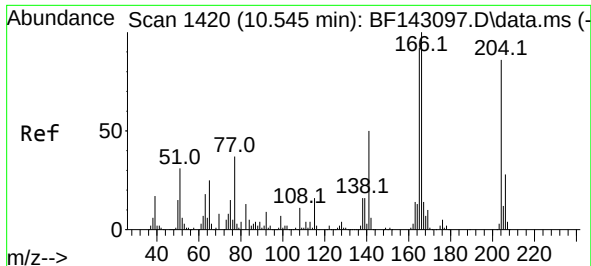
Tgt Ion:232 Resp: 238428
Ion Ratio Lower Upper
232 100
131 43.9 36.9 55.3
130 2.1 1.8 2.8
166 28.8 23.0 34.6



#60
Diethylphthalate
Concen: 58.672 ng
RT: 10.428 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 876047
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.6 9.9 14.9

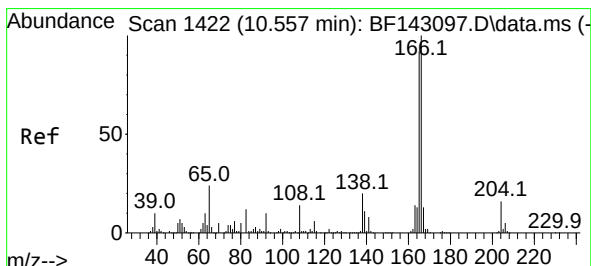
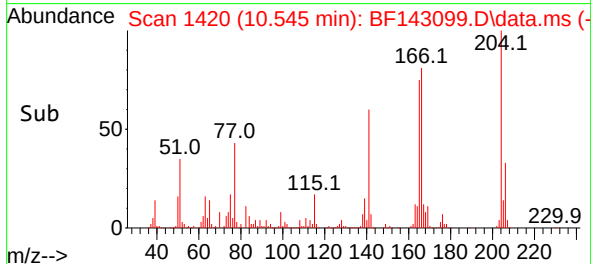
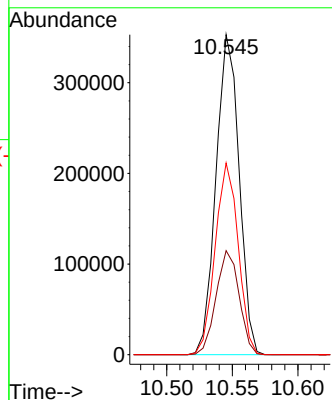
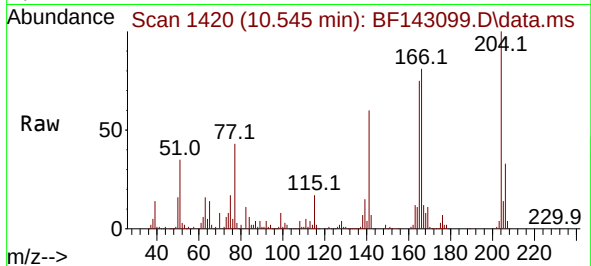




#61
4-Chlorophenyl-phenylether
Concen: 57.000 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

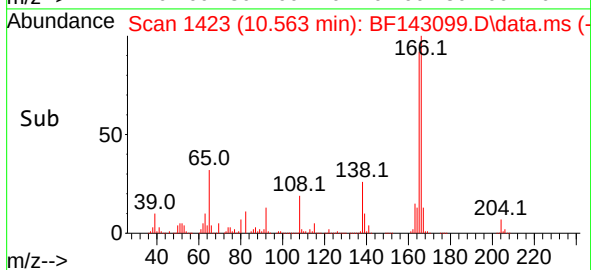
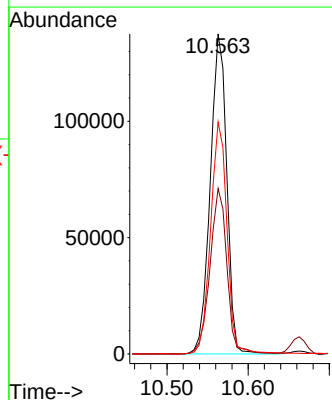
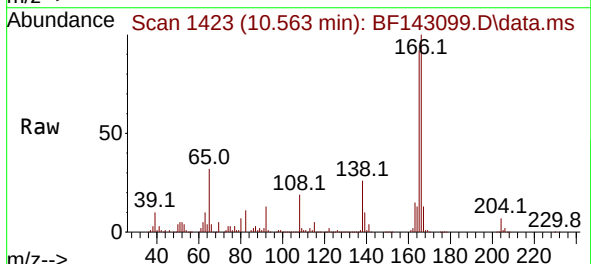
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

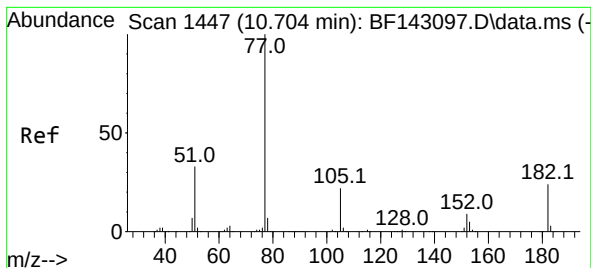
Tgt Ion:204 Resp: 432659
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 59.9 46.8 70.2



#62
4-Nitroaniline
Concen: 66.802 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:138 Resp: 194271
Ion Ratio Lower Upper
138 100
92 51.7 30.4 70.4
108 72.5 49.5 89.5





#63

Azobenzene

Concen: 57.300 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 946204

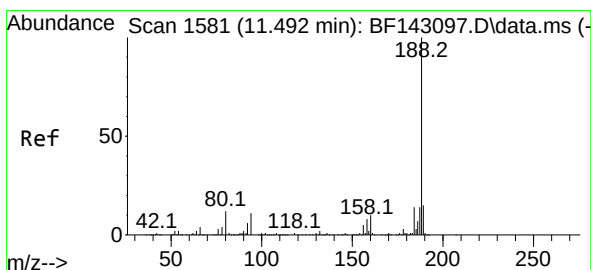
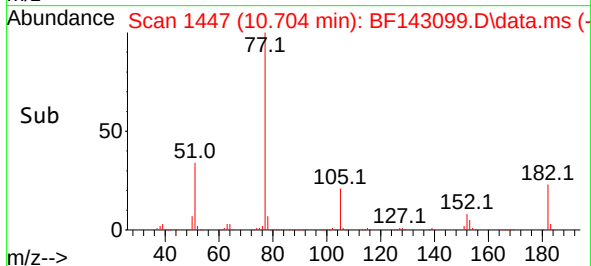
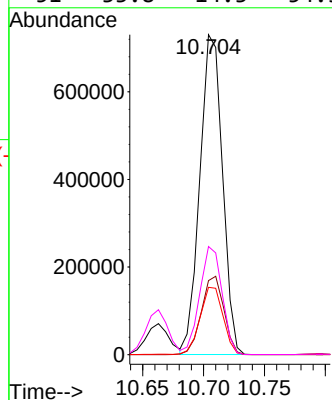
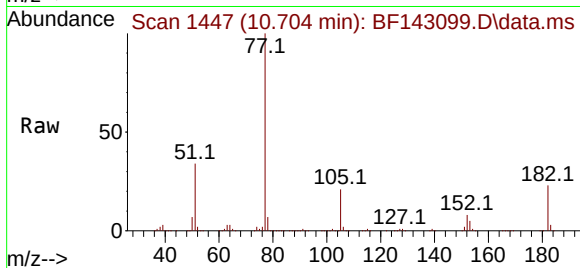
Ion Ratio Lower Upper

77 100

182 23.2 4.0 44.0

105 21.1 1.4 41.4

51 33.8 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

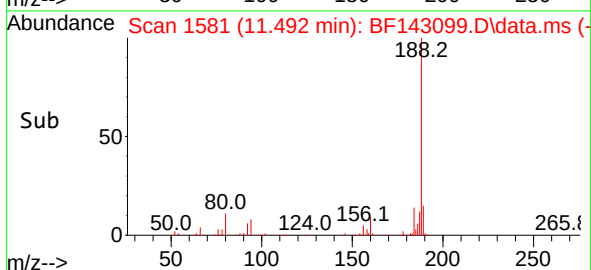
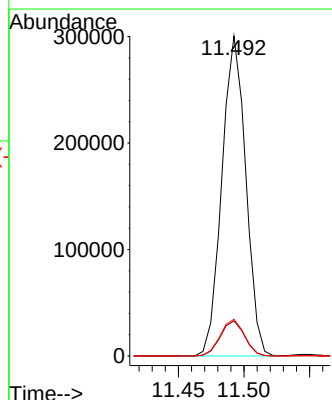
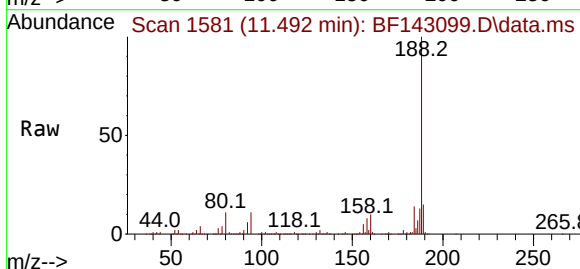
Tgt Ion:188 Resp: 380313

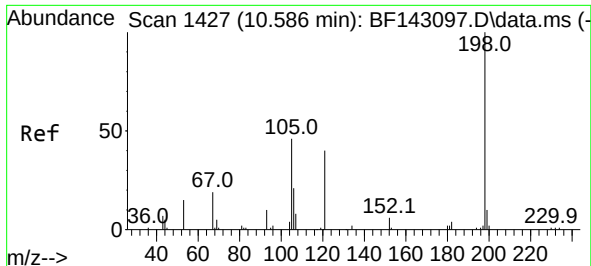
Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

80 11.4 9.3 13.9

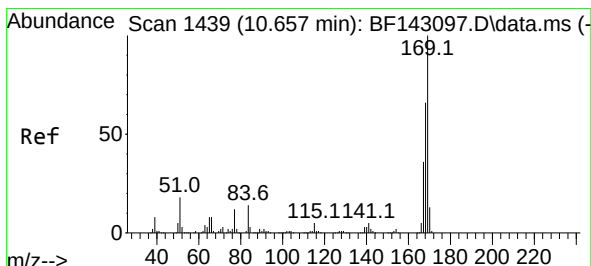
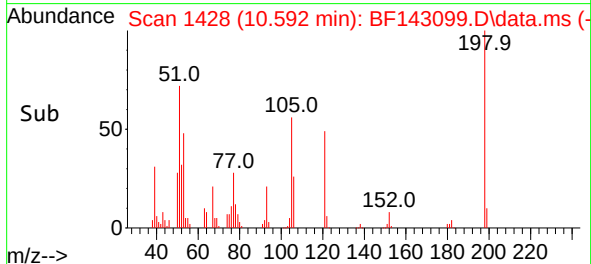
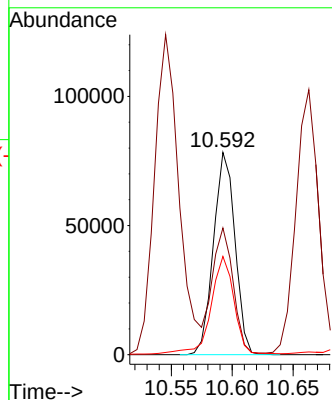
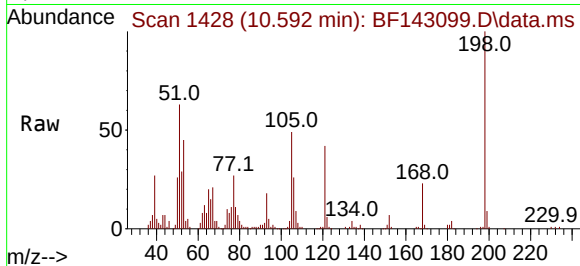




#65
4,6-Dinitro-2-methylphenol
Concen: 62.285 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

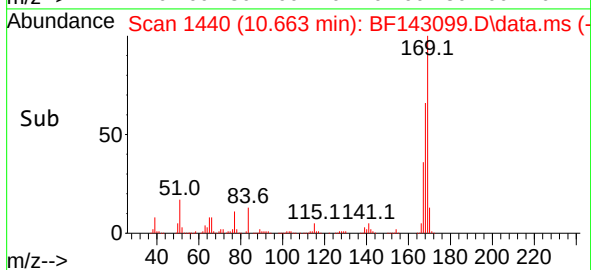
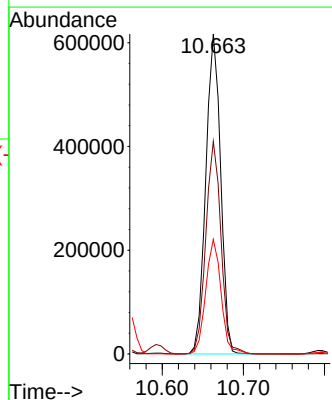
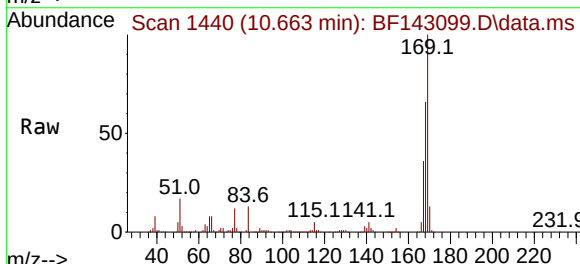
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

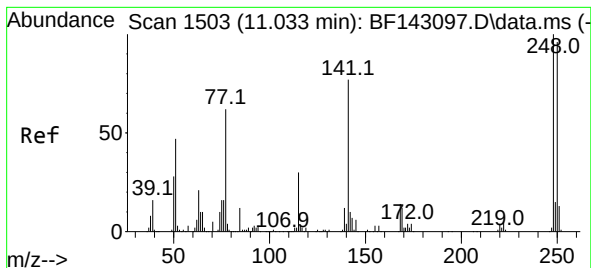
Tgt Ion:198 Resp: 96305
Ion Ratio Lower Upper
198 100
51 62.6 44.6 84.6
105 48.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 58.469 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:169 Resp: 781087
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.8 28.4 42.6

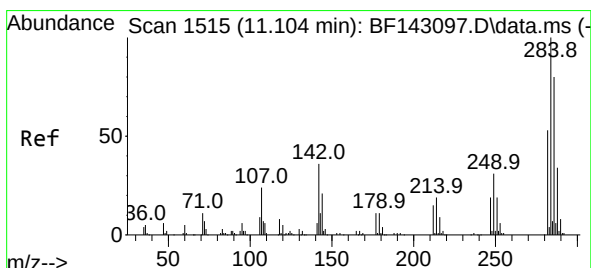
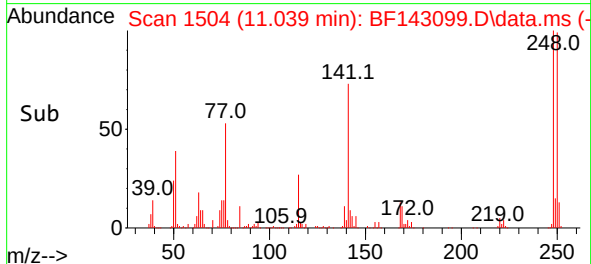
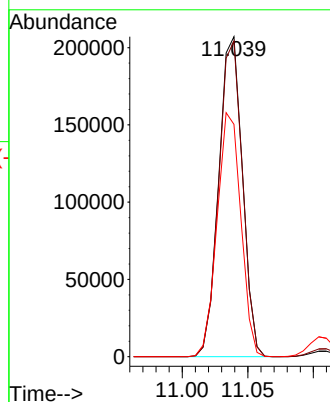
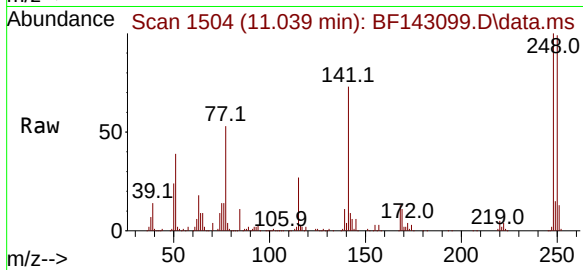




#67
4-Bromophenyl-phenylether
Concen: 60.229 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

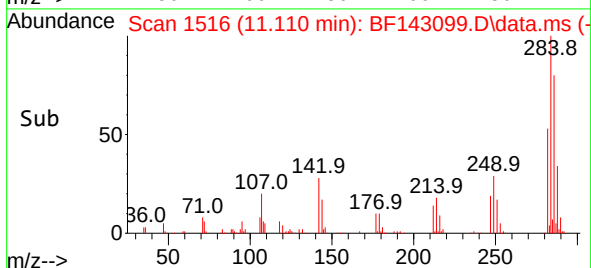
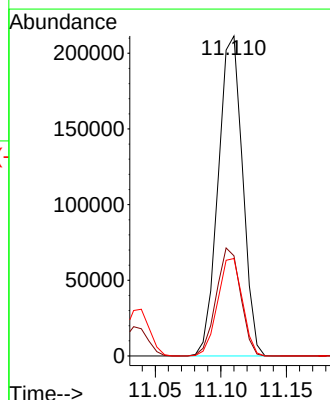
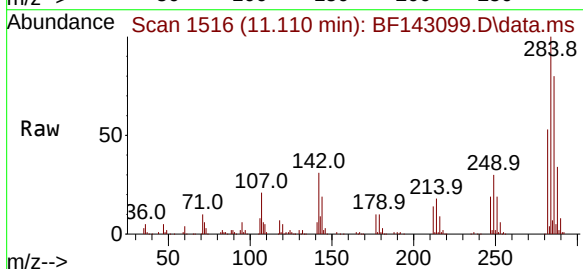
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

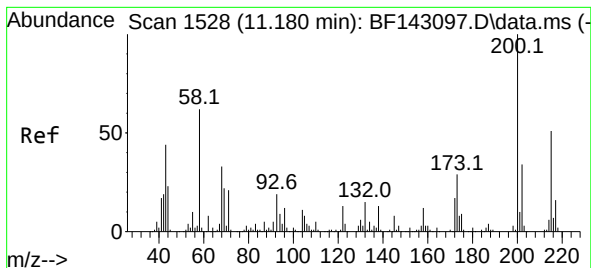
Tgt Ion:248 Resp: 260491
Ion Ratio Lower Upper
248 100
250 98.7 76.7 115.1
141 72.6 61.7 92.5



#68
Hexachlorobenzene
Concen: 59.515 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:284 Resp: 273112
Ion Ratio Lower Upper
284 100
142 31.3 28.9 43.3
249 30.5 24.6 37.0





#69

Atrazine

Concen: 61.838 ng

RT: 11.186 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

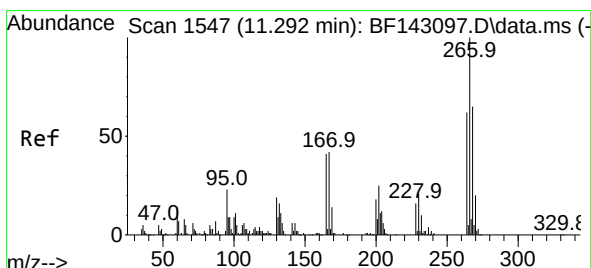
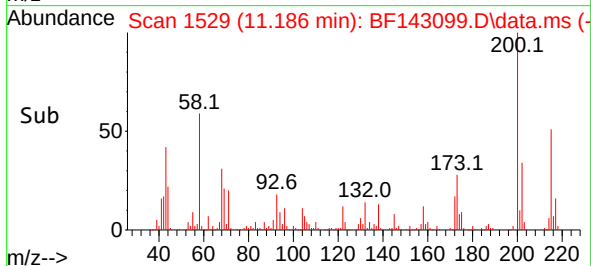
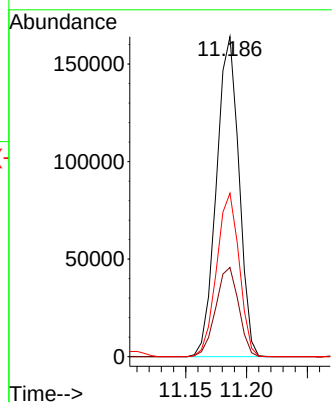
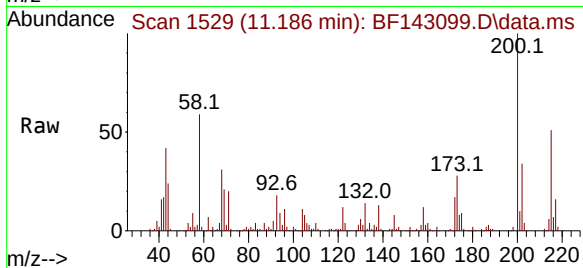
Tgt Ion:200 Resp: 211351

Ion Ratio Lower Upper

200 100

173 27.9 9.1 49.1

215 51.1 31.0 71.0



#70

Pentachlorophenol

Concen: 65.805 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

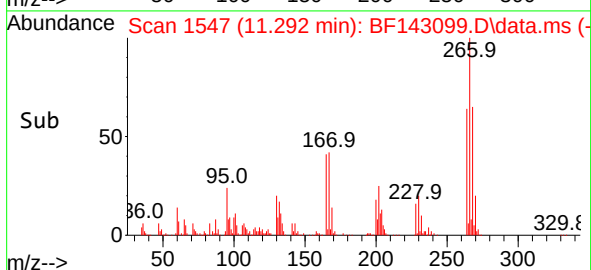
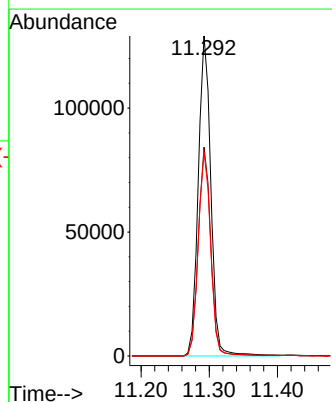
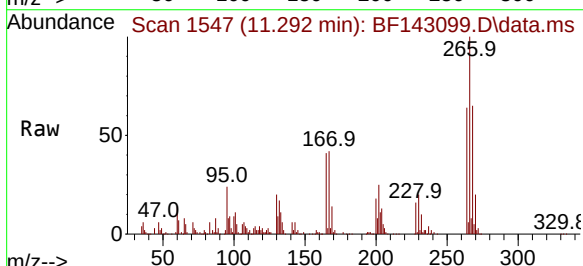
Tgt Ion:266 Resp: 165676

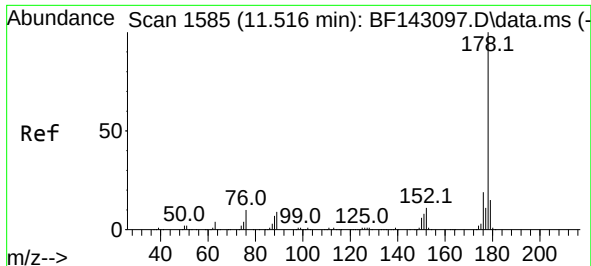
Ion Ratio Lower Upper

266 100

268 65.2 51.8 77.6

264 63.7 49.7 74.5

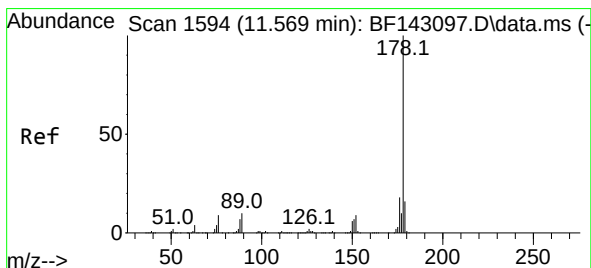
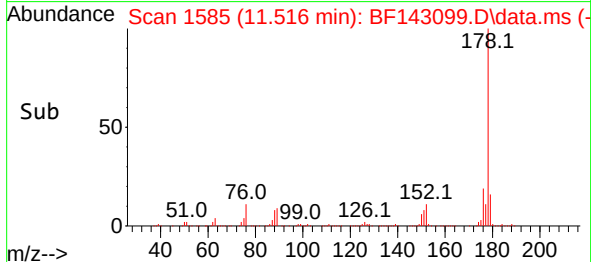
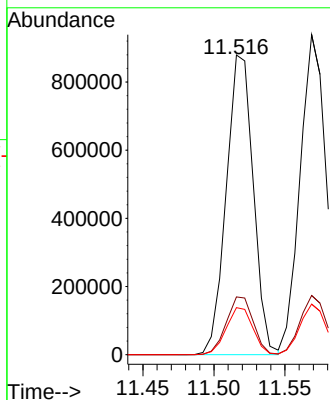
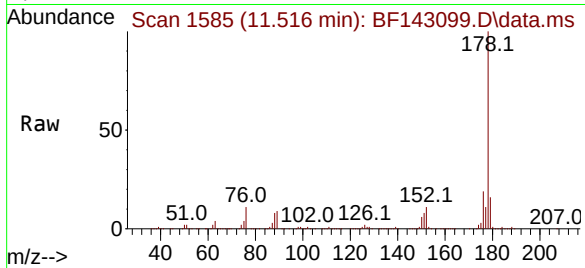




#71
Phenanthrene
Concen: 56.762 ng
RT: 11.516 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

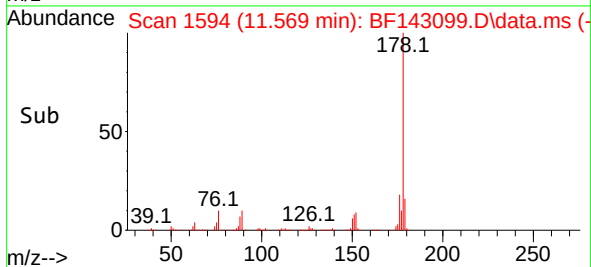
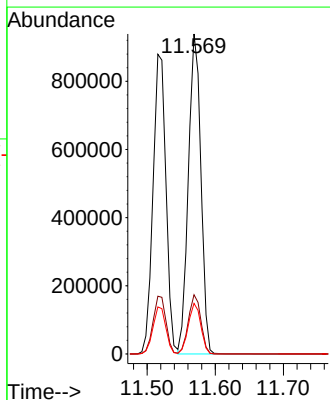
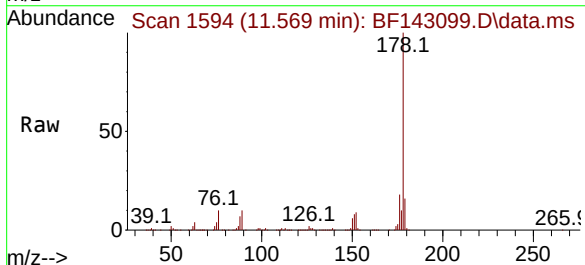
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

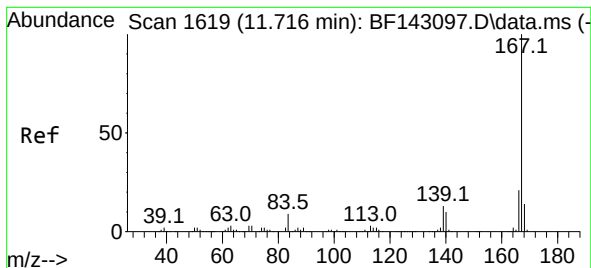
Tgt Ion:178 Resp: 1165047
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.7 12.2 18.4



#72
Anthracene
Concen: 57.589 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:178 Resp: 1188635
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.8 12.4 18.6





#73

Carbazole

Concen: 57.179 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

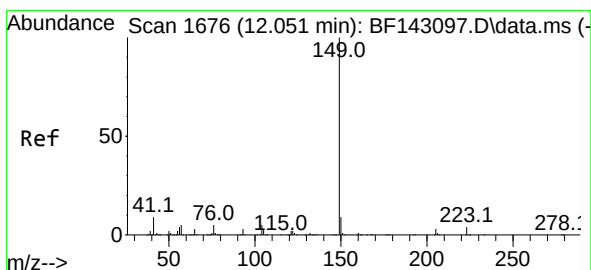
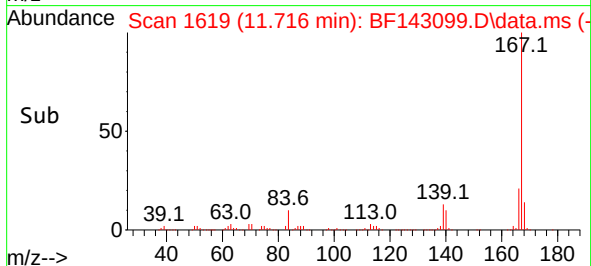
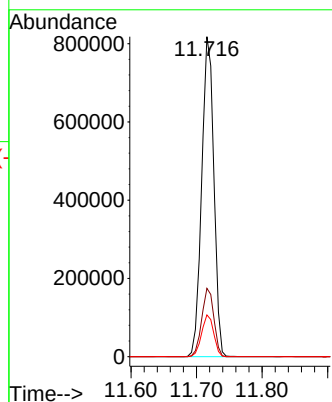
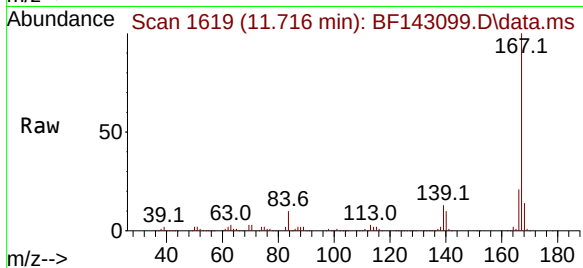
Tgt Ion:167 Resp: 1057291

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 13.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 63.291 ng

RT: 12.051 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

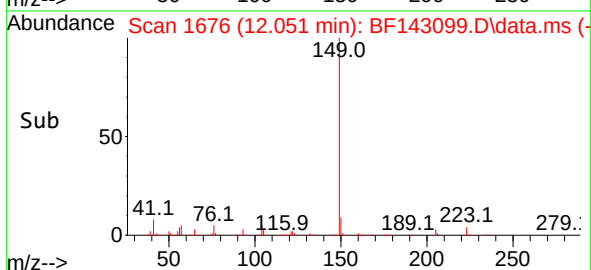
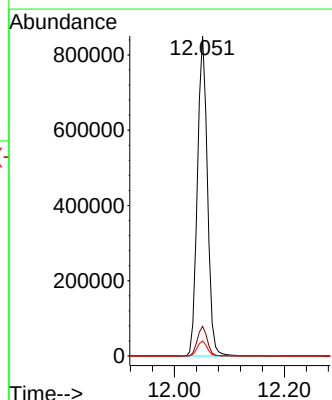
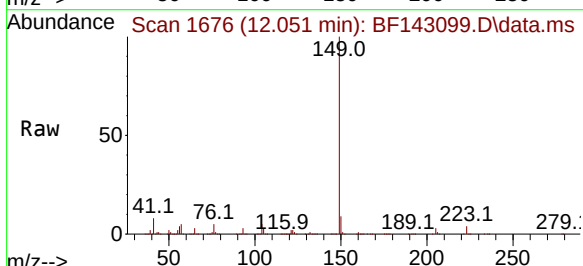
Tgt Ion:149 Resp: 1074246

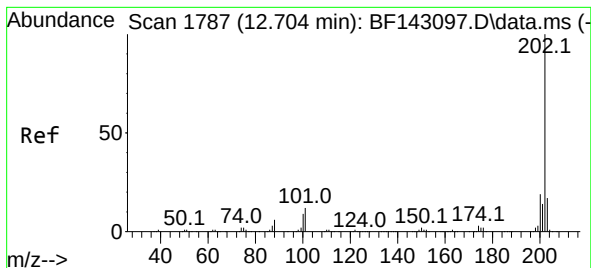
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.7 3.8 5.8

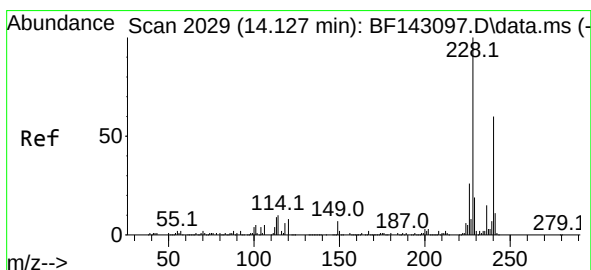
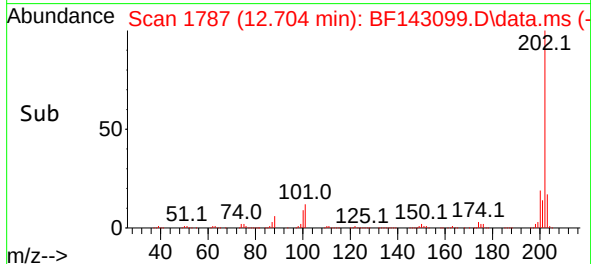
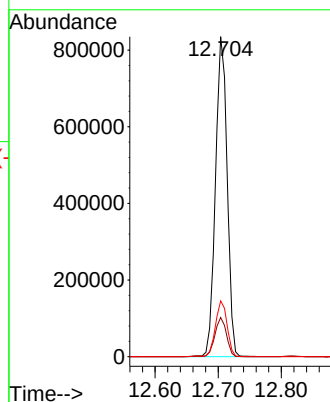
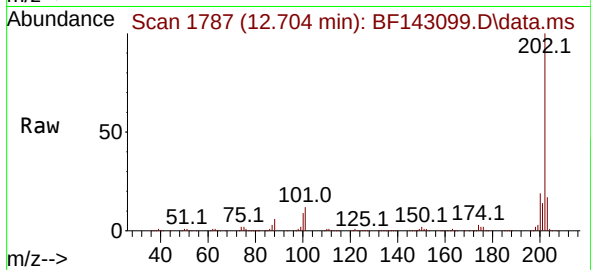




#75
Fluoranthene
Concen: 57.328 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

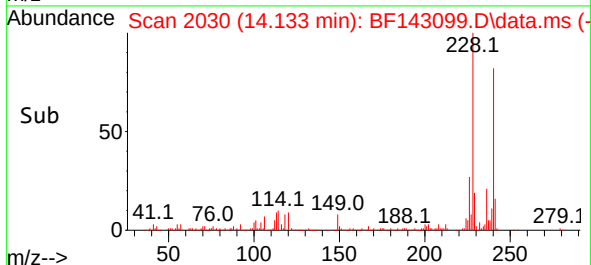
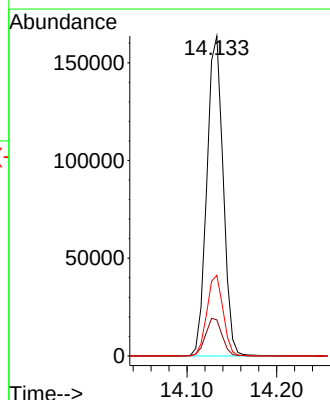
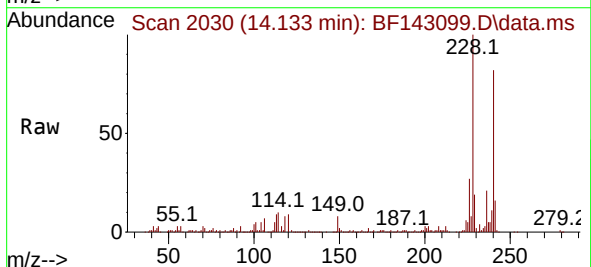
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

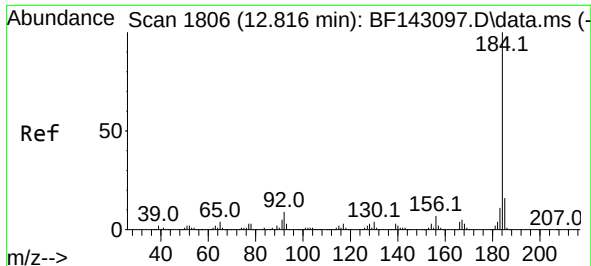
Tgt Ion:202 Resp: 1069898
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:240 Resp: 205942
Ion Ratio Lower Upper
240 100
120 11.3 10.0 15.0
236 25.2 20.0 30.0

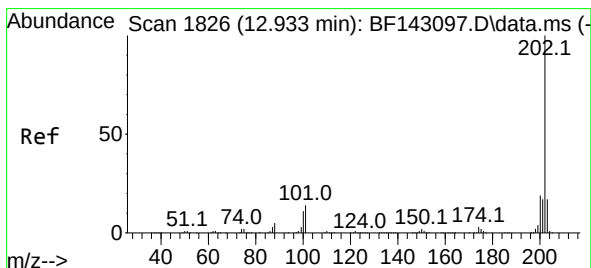
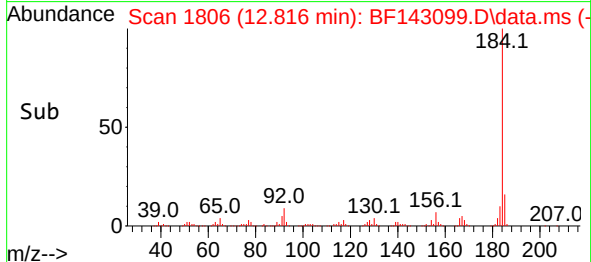
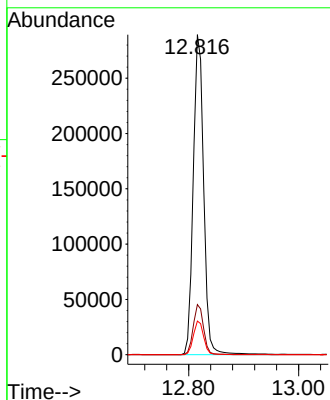
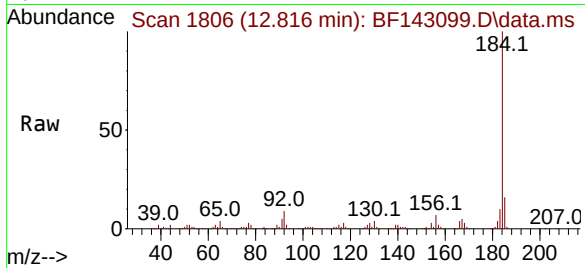




#77
Benzidine
Concen: 54.244 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

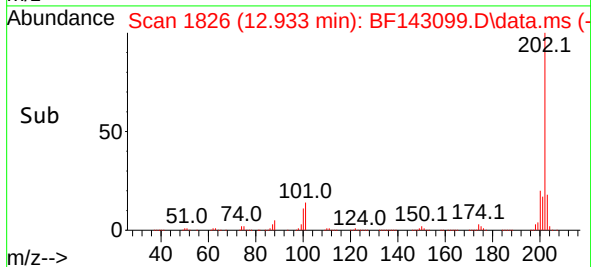
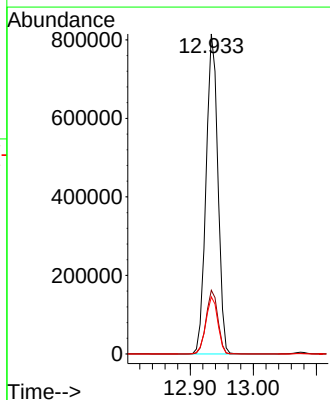
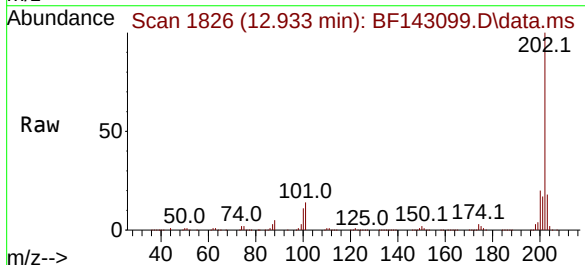
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

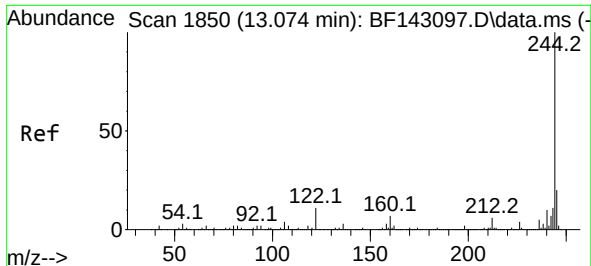
Tgt Ion:184 Resp: 380587
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 10.5 8.6 12.8



#78
Pyrene
Concen: 55.485 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:202 Resp: 1060216
Ion Ratio Lower Upper
202 100
200 19.9 15.5 23.3
203 17.8 14.0 21.0

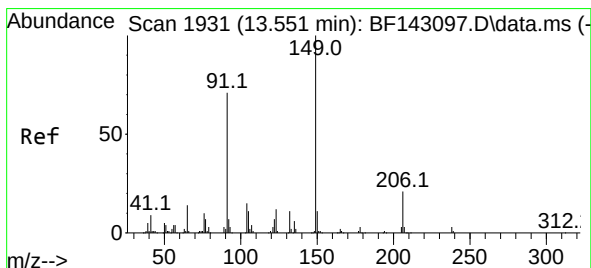
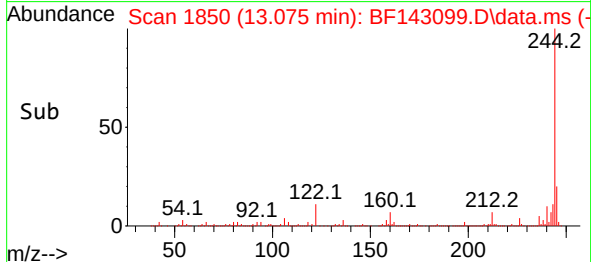
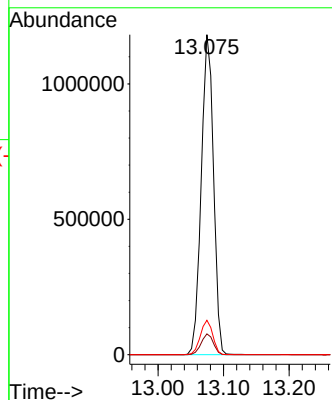
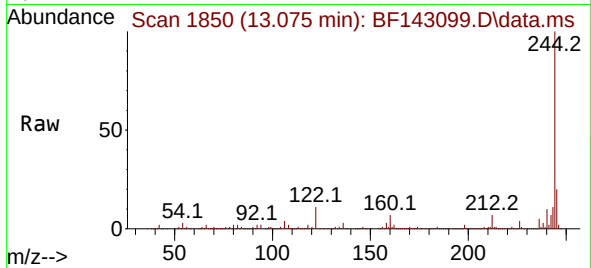




#79
 Terphenyl-d14
 Concen: 109.260 ng
 RT: 13.075 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143099.D
 Acq: 15 Jul 2025 16:05

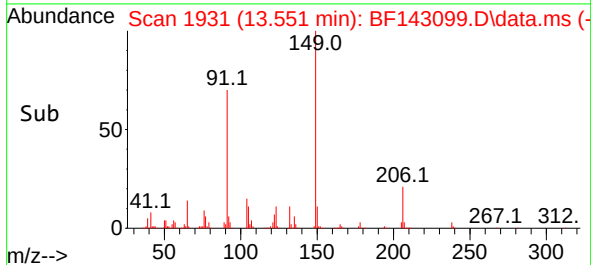
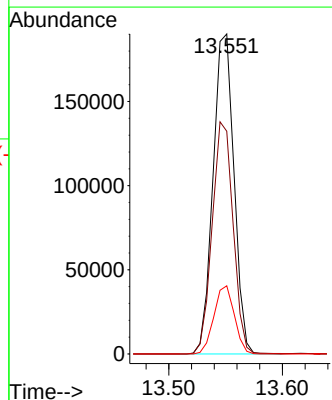
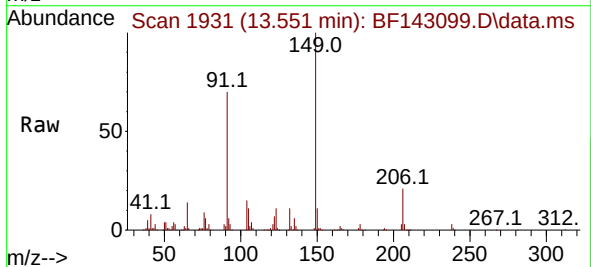
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

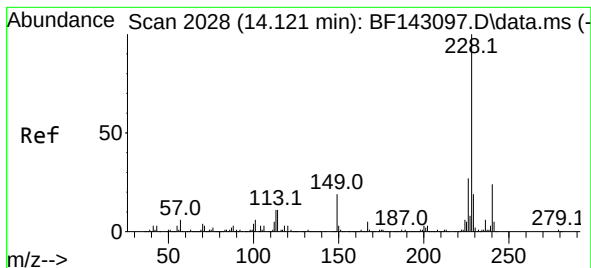
Tgt Ion:244 Resp: 1539271
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 62.406 ng
 RT: 13.551 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF143099.D
 Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 243805
 Ion Ratio Lower Upper
 149 100
 91 69.6 57.0 85.4
 206 21.3 17.2 25.8





#81

Benzo(a)anthracene

Concen: 59.697 ng

RT: 14.122 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

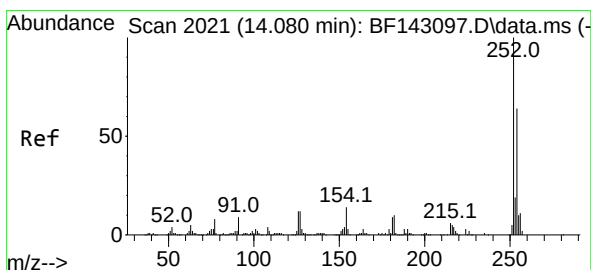
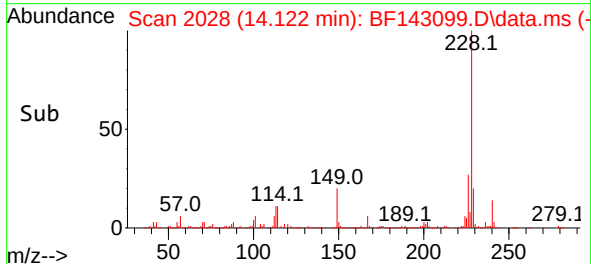
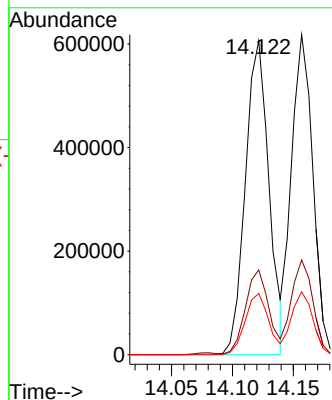
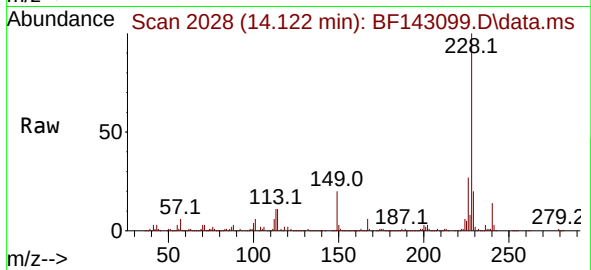
Tgt Ion:228 Resp: 819246

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 63.758 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

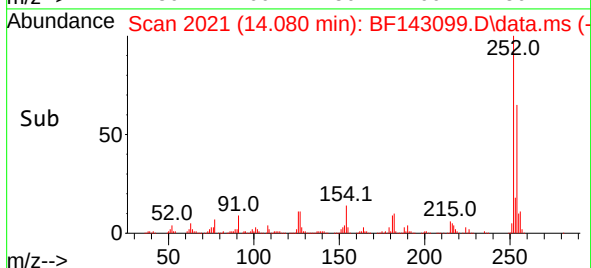
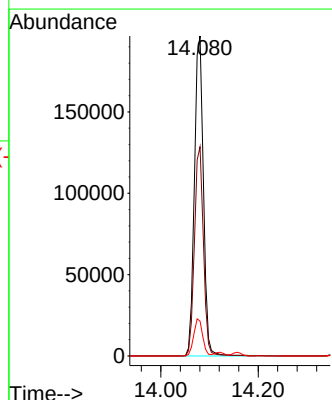
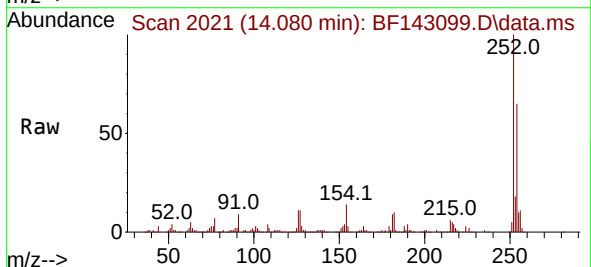
Tgt Ion:252 Resp: 254086

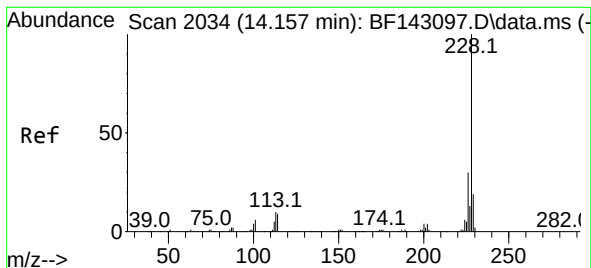
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 10.9 9.4 14.0





#83

Chrysene

Concen: 60.044 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

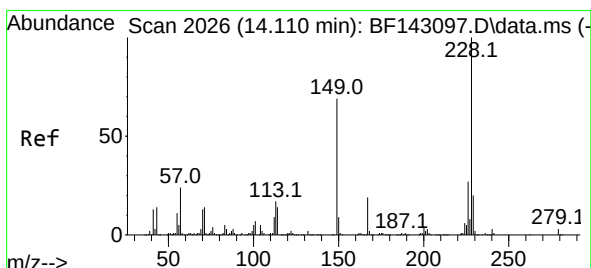
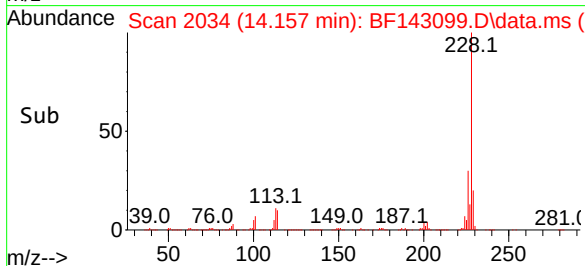
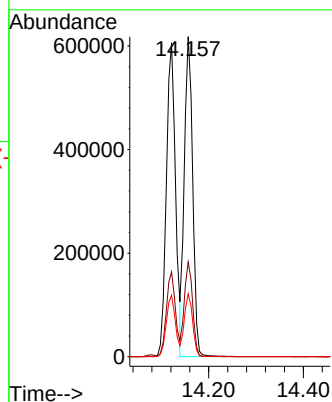
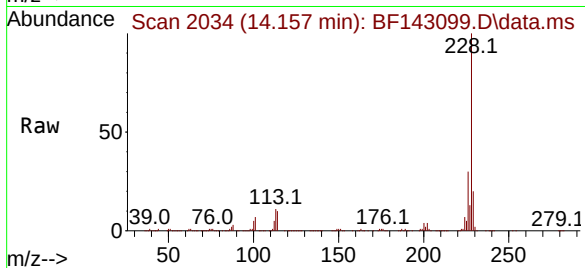
Tgt Ion:228 Resp: 758916

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

229 19.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.957 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

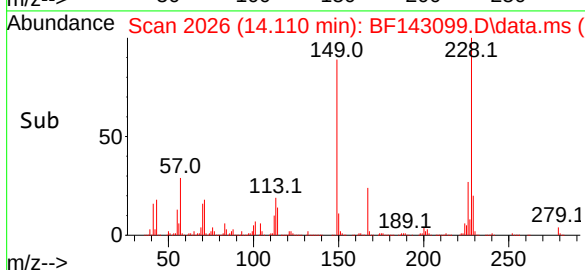
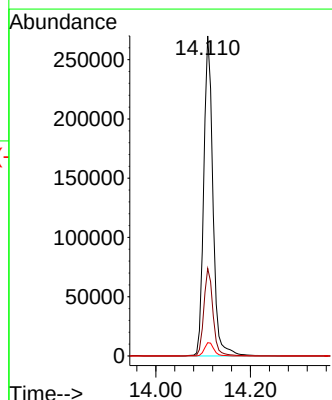
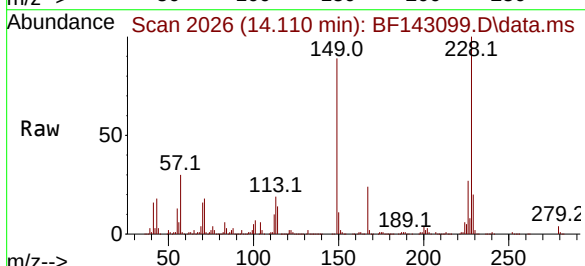
Tgt Ion:149 Resp: 364902

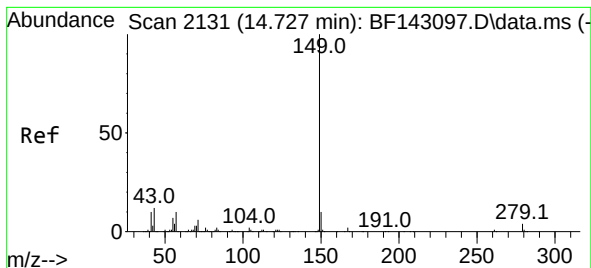
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 4.2 3.4 5.0

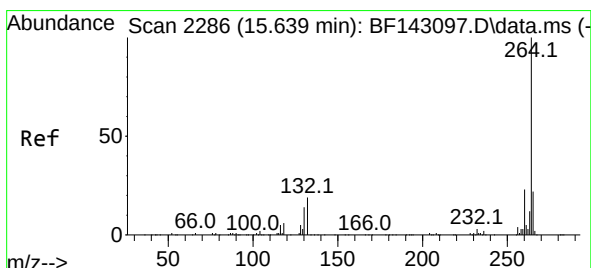
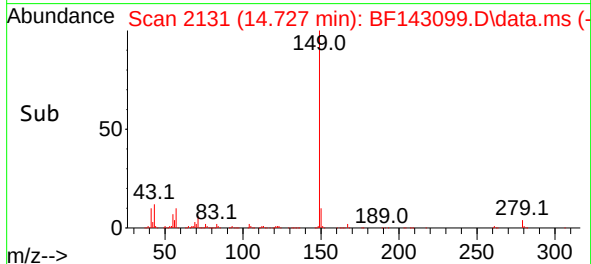
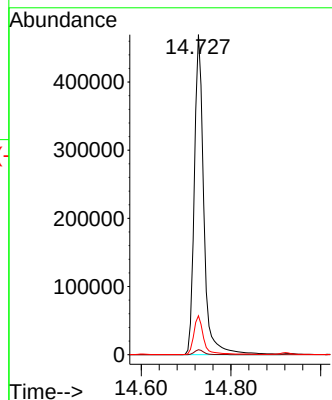
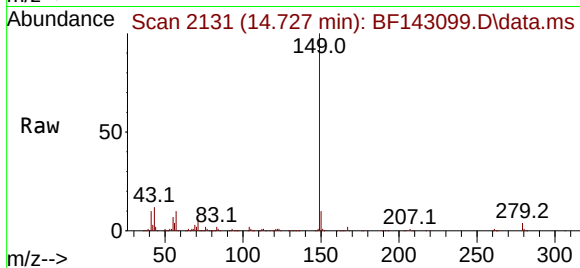




#85
Di-n-octyl phthalate
Concen: 60.817 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

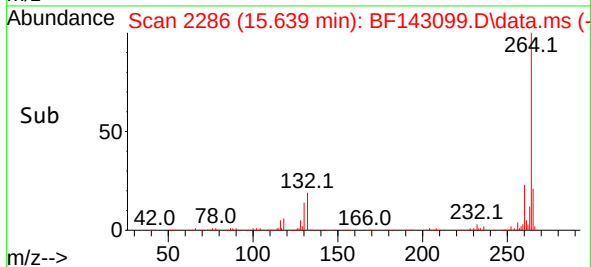
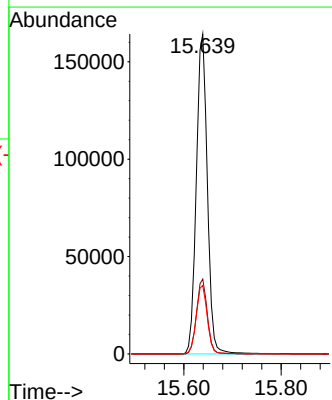
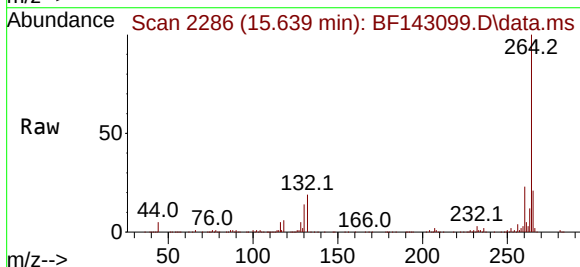
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

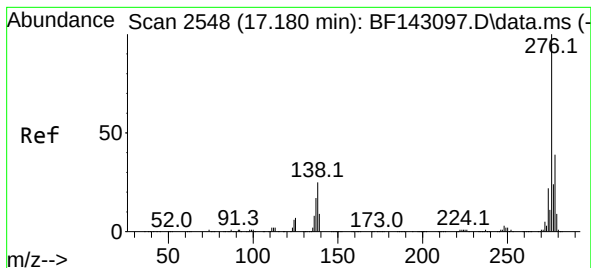
Tgt Ion:149 Resp: 688940
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.4 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:264 Resp: 260121
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.286 ng

RT: 17.192 min Scan# 2110

Delta R.T. 0.012 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

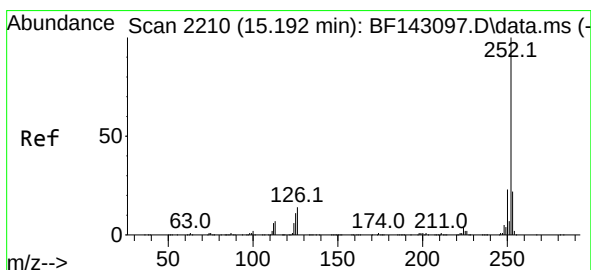
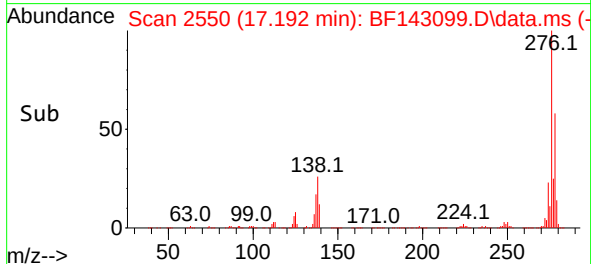
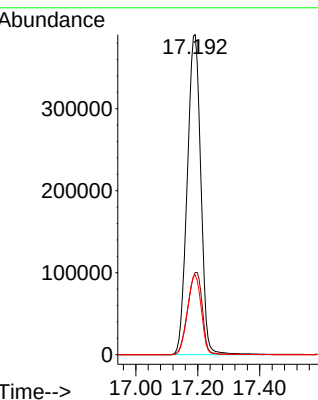
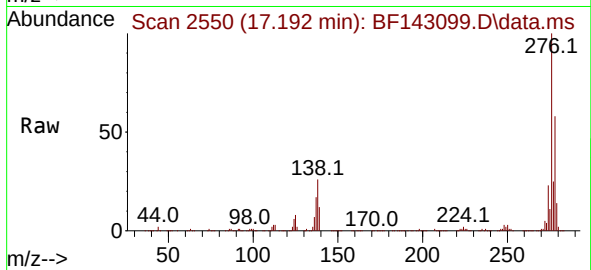
Tgt Ion:276 Resp: 1185702

Ion Ratio Lower Upper

276 100

138 27.6 22.6 34.0

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.640 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

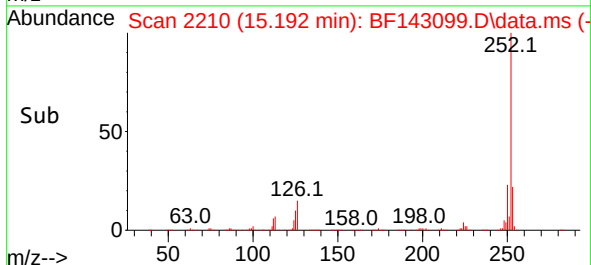
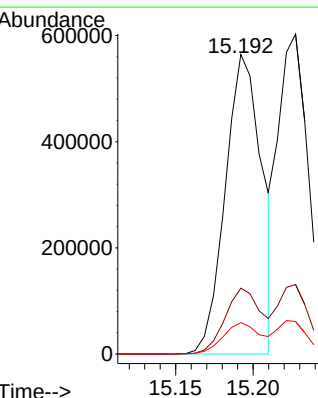
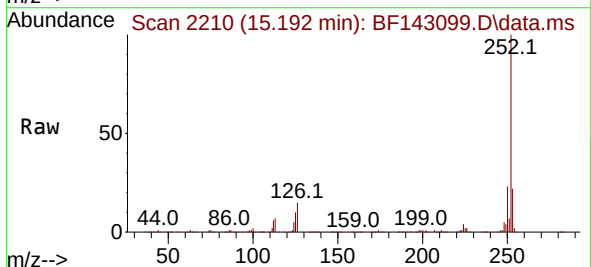
Tgt Ion:252 Resp: 924866

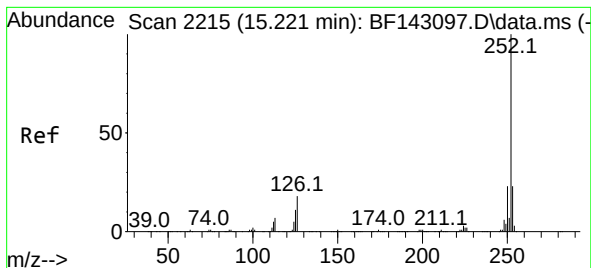
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 57.794 ng

RT: 15.227 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

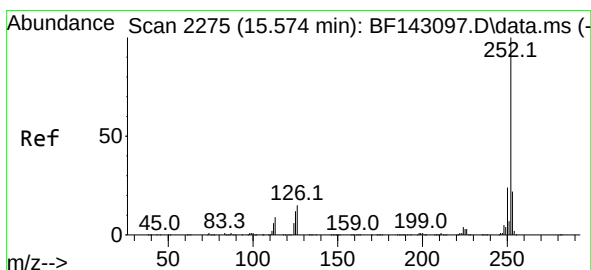
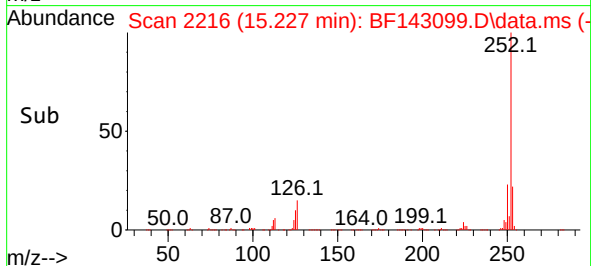
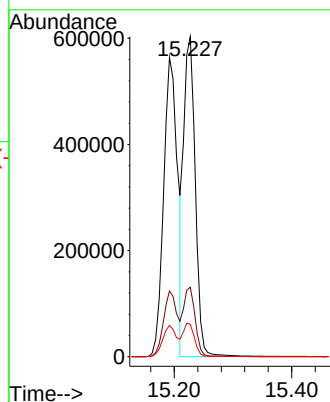
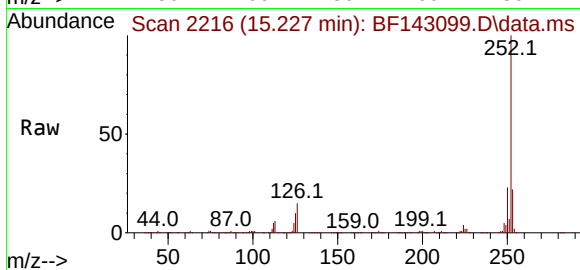
Tgt Ion:252 Resp: 827274

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.2 8.5 12.7



#90

Benzo(a)pyrene

Concen: 61.791 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF143099.D

Acq: 15 Jul 2025 16:05

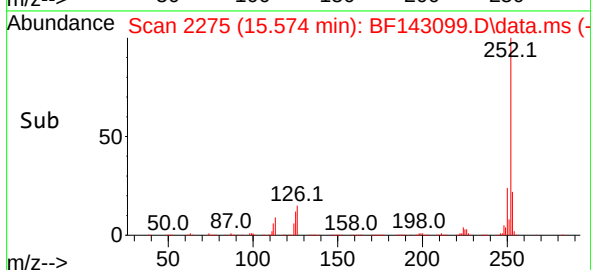
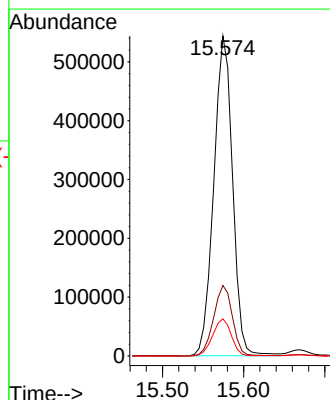
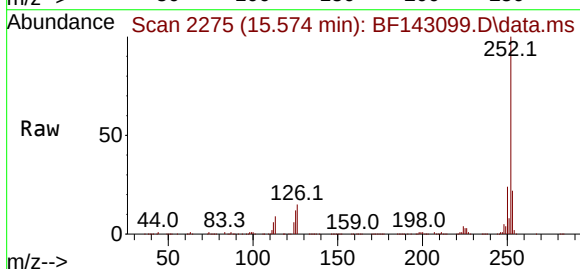
Tgt Ion:252 Resp: 876856

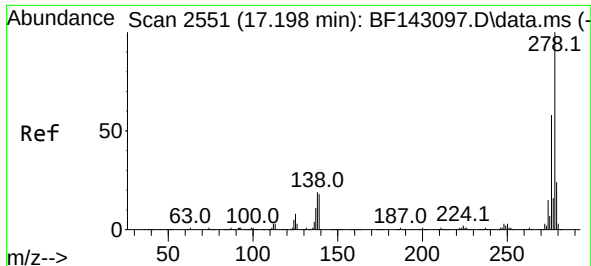
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.6 9.4 14.0

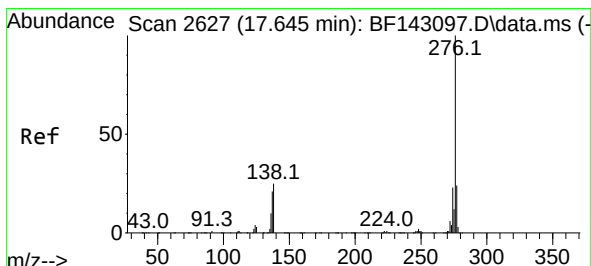
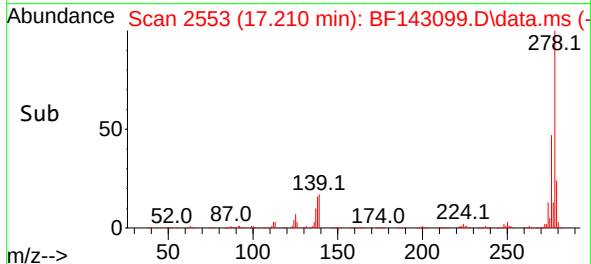
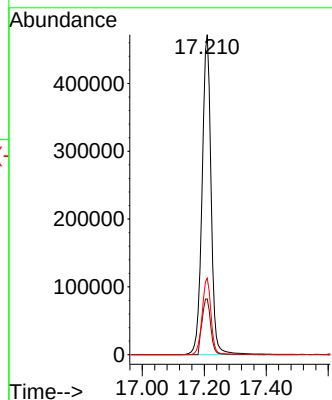
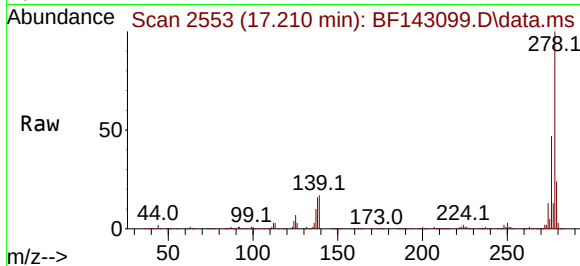




#91
Dibenzo(a,h)anthracene
Concen: 60.300 ng
RT: 17.210 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 953666
Ion Ratio Lower Upper
278 100
139 17.4 14.6 22.0
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 60.962 ng
RT: 17.657 min Scan# 2629
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:276 Resp: 982960
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 24.8 19.8 29.6

