

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143223.D
 Acq On : 24 Jul 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 24 12:23:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111280	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	414377	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	207756	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	339055	20.000	ng	0.00
76) Chrysene-d12	14.121	240	239429	20.000	ng	0.00
86) Perylene-d12	15.621	264	272622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	510609	72.611	ng	0.00
7) Phenol-d6	6.587	99	631018	71.292	ng	0.00
23) Nitrobenzene-d5	7.522	82	648825	78.050	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	159979	74.539	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1168464	76.918	ng	0.00
79) Terphenyl-d14	13.063	244	1059262	65.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	122011	36.668	ng	99
3) Pyridine	3.569	79	309361	35.820	ng	98
4) n-Nitrosodimethylamine	3.510	42	160826	36.068	ng	99
6) Aniline	6.622	93	435695	35.320	ng	99
8) 2-Chlorophenol	6.751	128	268754	36.461	ng	97
9) Benzaldehyde	6.510	77	238241	35.895	ng	98
10) Phenol	6.604	94	364929	37.846	ng	97
11) bis(2-Chloroethyl)ether	6.692	93	259751	35.183	ng	99
12) 1,3-Dichlorobenzene	6.904	146	297463	37.149	ng	99
13) 1,4-Dichlorobenzene	6.981	146	300210	37.229	ng	99
14) 1,2-Dichlorobenzene	7.134	146	283950	37.023	ng	100
15) Benzyl Alcohol	7.098	79	247035	36.553	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	484476	35.375	ng	100
17) 2-Methylphenol	7.210	107	221052	35.667	ng	100
18) Hexachloroethane	7.481	117	105891	37.932	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	197073	34.704	ng	99
20) 3+4-Methylphenols	7.357	107	275040	36.577	ng	91
22) Acetophenone	7.369	105	361776	36.877	ng	# 98
24) Nitrobenzene	7.539	77	293530	37.874	ng	100
25) Isophorone	7.775	82	526777	35.896	ng	100
26) 2-Nitrophenol	7.857	139	142946	42.498	ng	99
27) 2,4-Dimethylphenol	7.886	122	246366	35.933	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	319213	36.279	ng	100
29) 2,4-Dichlorophenol	8.098	162	215033	37.189	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	236481	37.857	ng	100
31) Naphthalene	8.269	128	763924	37.433	ng	100
32) Benzoic acid	7.981	122	149732	39.764	ng	99
33) 4-Chloroaniline	8.304	127	302711	36.327	ng	99
34) Hexachlorobutadiene	8.386	225	147967	38.776	ng	98
35) Caprolactam	8.663	113	67272	38.501	ng	99
36) 4-Chloro-3-methylphenol	8.781	107	232884	37.056	ng	99
37) 2-Methylnaphthalene	8.957	142	465708	37.502	ng	99
38) 1-Methylnaphthalene	9.057	142	478847	37.446	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	230675	38.458	ng	98
41) Hexachlorocyclopentadiene	9.116	237	155129	39.748	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	156619	37.728	ng	99

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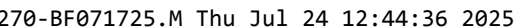
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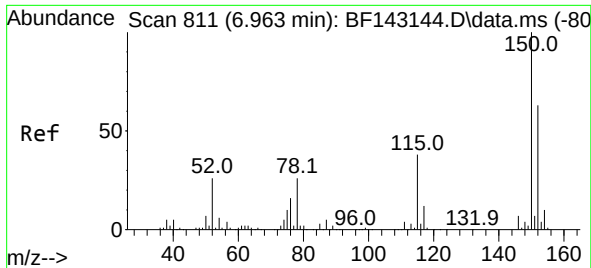
Quant Time: Jul 24 12:23:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159582	38.431	ng	98
46) 1,1'-Biphenyl	9.416	154	618266	38.143	ng	100
47) 2-Chloronaphthalene	9.445	162	454577	37.902	ng	99
48) 2-Nitroaniline	9.528	65	151760	40.349	ng	97
49) Acenaphthylene	9.863	152	758100	37.718	ng	99
50) Dimethylphthalate	9.710	163	511764	37.790	ng	100
51) 2,6-Dinitrotoluene	9.769	165	110269	40.027	ng	97
52) Acenaphthene	10.033	154	452451	38.086	ng	99
53) 3-Nitroaniline	9.939	138	124866	38.751	ng	100
54) 2,4-Dinitrophenol	10.039	184	49816	43.239	ng #	41
55) Dibenzofuran	10.204	168	660667	37.458	ng	99
56) 4-Nitrophenol	10.092	139	93943	39.042	ng	99
57) 2,4-Dinitrotoluene	10.175	165	142108	41.116	ng	94
58) Fluorene	10.545	166	496825	37.532	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	119588	34.766	ng	99
60) Diethylphthalate	10.410	149	506919	37.872	ng	100
61) 4-Chlorophenyl-phenyle...	10.533	204	248613	37.718	ng	97
62) 4-Nitroaniline	10.551	138	110823	40.129	ng	100
63) Azobenzene	10.698	77	512140	36.712	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	73016	41.860	ng	99
66) n-Nitrosodiphenylamine	10.651	169	433801	36.334	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	150872	37.339	ng	99
68) Hexachlorobenzene	11.098	284	153720	36.398	ng	99
69) Atrazine	11.175	200	129249	39.267	ng	99
70) Pentachlorophenol	11.286	266	90901	36.600	ng	99
71) Phenanthrene	11.510	178	668653	37.142	ng	100
72) Anthracene	11.563	178	676610	36.851	ng	100
73) Carbazole	11.710	167	610945	38.106	ng	99
74) Di-n-butylphthalate	12.039	149	740660	40.828	ng	100
75) Fluoranthene	12.698	202	660752	39.987	ng	99
77) Benzidine	12.810	184	354342	38.413	ng	99
78) Pyrene	12.927	202	669545	32.766	ng	100
80) Butylbenzylphthalate	13.533	149	273177	43.658	ng	99
81) Benzo(a)anthracene	14.110	228	573171	35.757	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	204209	38.223	ng	100
83) Chrysene	14.145	228	542734	37.658	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	391891	41.379	ng	99
85) Di-n-octyl phthalate	14.710	149	685070	39.906	ng	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	733829	38.173	ng	98
88) Benzo(b)fluoranthene	15.180	252	595194	35.737	ng	99
89) Benzo(k)fluoranthene	15.210	252	582858	39.218	ng	100
90) Benzo(a)pyrene	15.557	252	576570	37.574	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	589676	37.687	ng	99
92) Benzo(g,h,i)perylene	17.633	276	585287	38.670	ng	98

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

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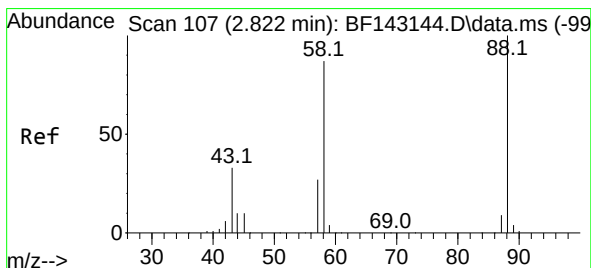
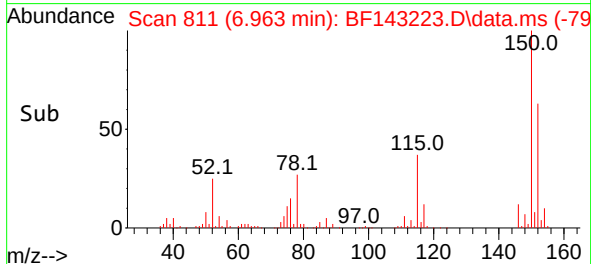
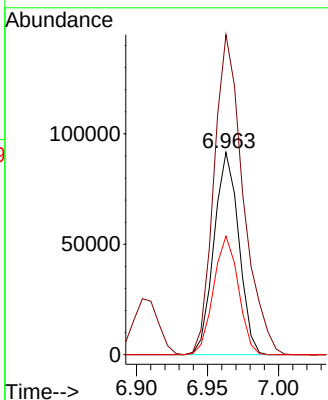
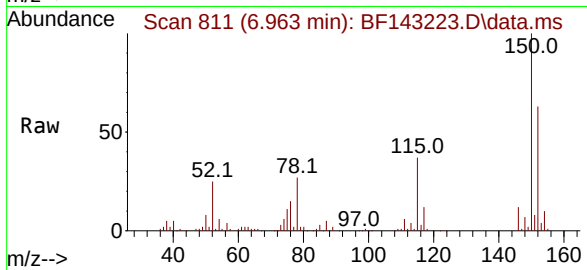




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

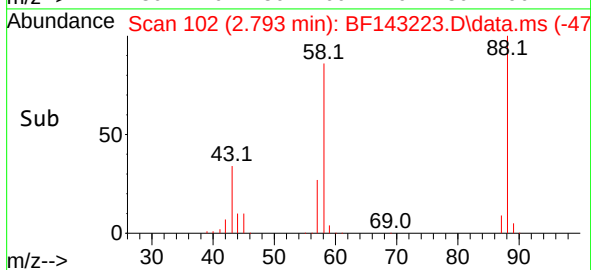
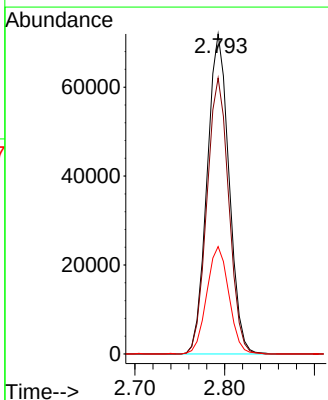
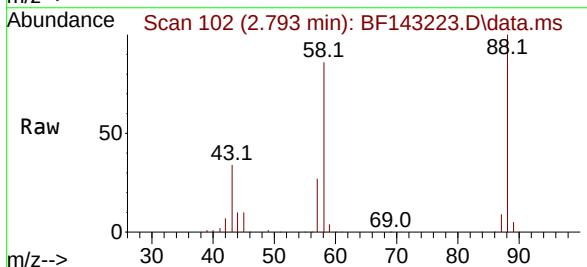
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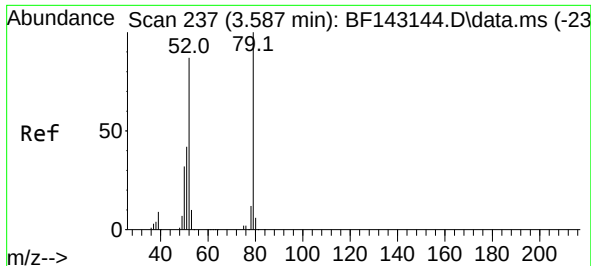
Tgt Ion:152 Resp: 111280
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.2 192.4
 115 58.6 47.9 71.9



#2
 1,4-Dioxane
 Concen: 36.668 ng
 RT: 2.793 min Scan# 102
 Delta R.T. -0.029 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

Tgt Ion: 88 Resp: 122011
 Ion Ratio Lower Upper
 88 100
 58 86.1 70.2 105.2
 43 34.0 27.1 40.7





#3

Pyridine

Concen: 35.820 ng

RT: 3.569 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

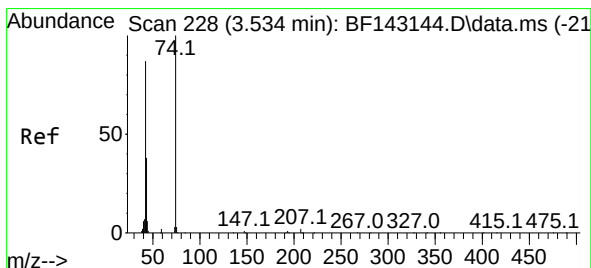
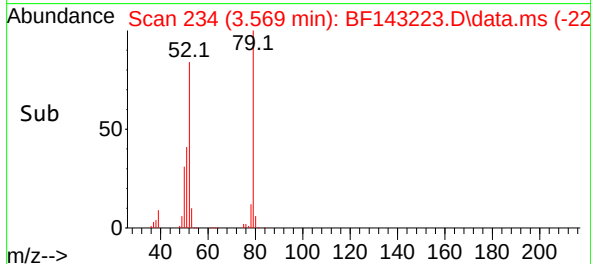
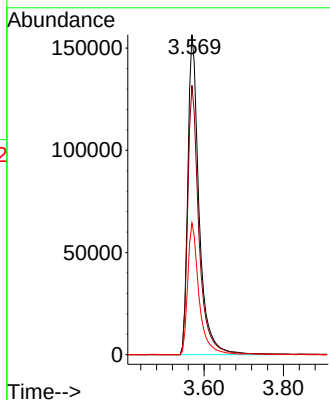
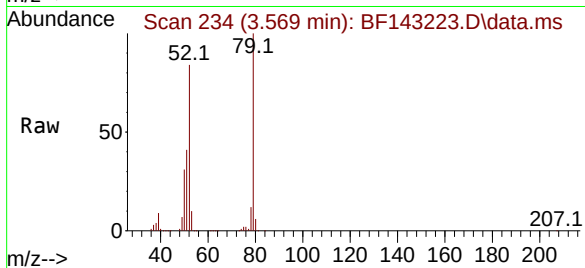
Tgt Ion: 79 Resp: 309361

Ion Ratio Lower Upper

79 100

52 84.1 69.4 104.2

51 41.1 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 36.068 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.024 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

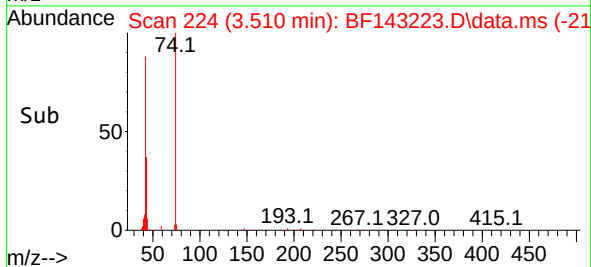
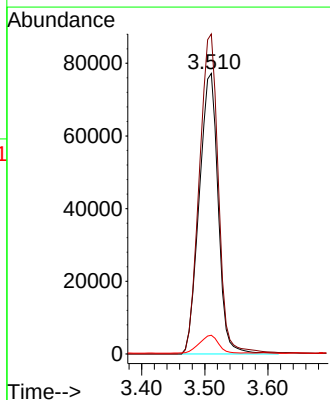
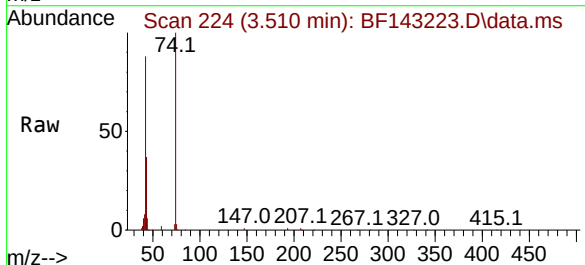
Tgt Ion: 42 Resp: 160826

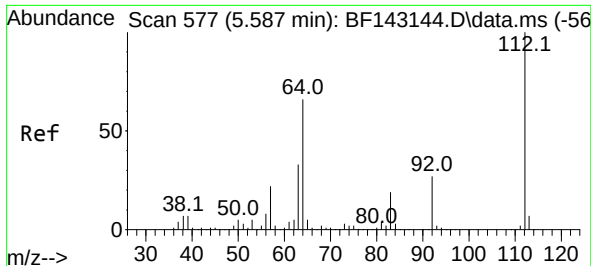
Ion Ratio Lower Upper

42 100

74 114.1 91.7 137.5

44 6.7 5.6 8.4

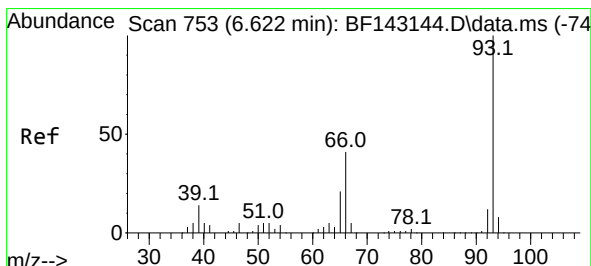
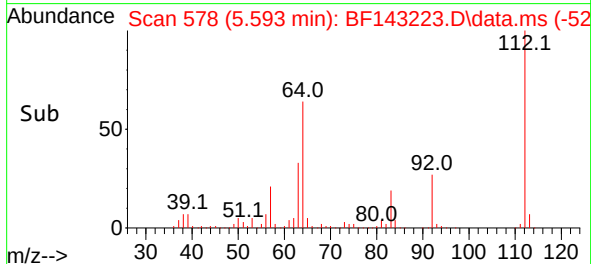
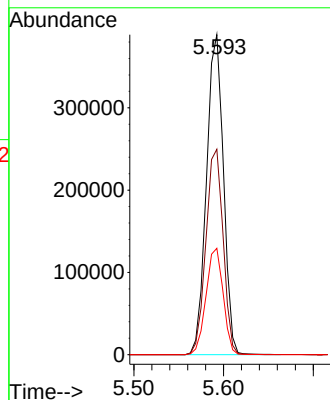
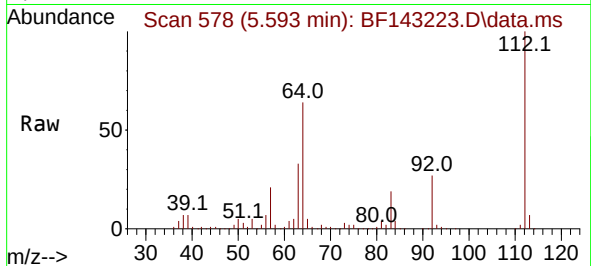




#5
2-Fluorophenol
Concen: 72.611 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

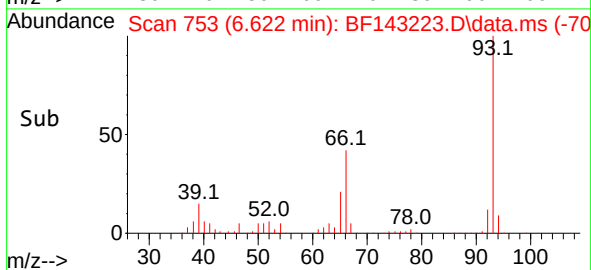
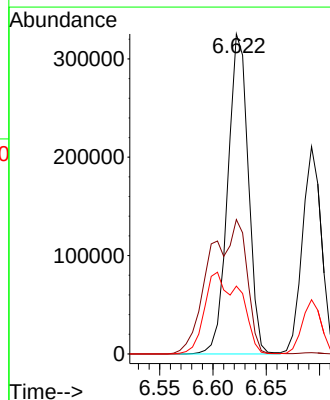
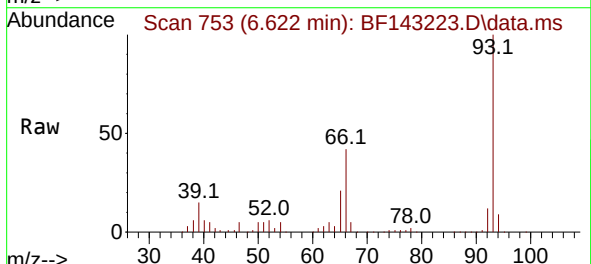
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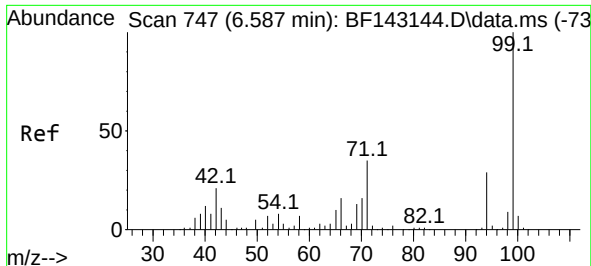
Tgt Ion:112 Resp: 510609
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 33.3 26.6 40.0



#6
Aniline
Concen: 35.320 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion: 93 Resp: 435695
Ion Ratio Lower Upper
93 100
66 42.0 33.2 49.8
65 21.2 16.9 25.3





#7

Phenol-d6

Concen: 71.292 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

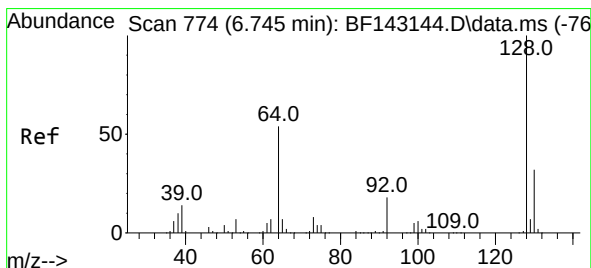
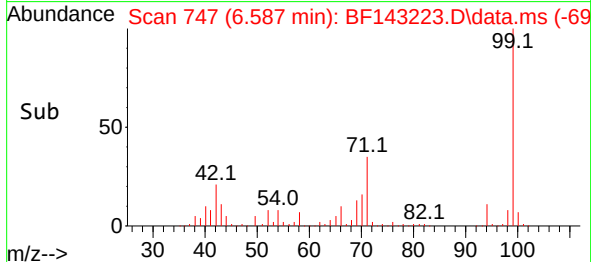
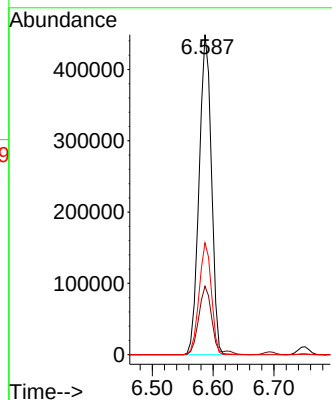
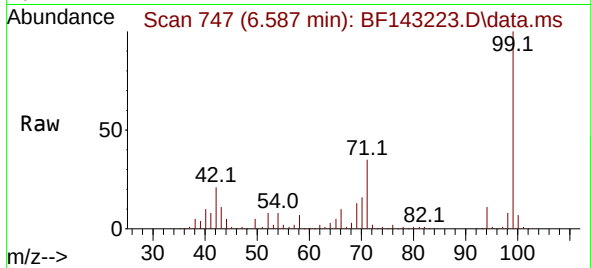
Tgt Ion: 99 Resp: 631018

Ion Ratio Lower Upper

99 100

42 21.4 17.0 25.6

71 34.9 27.7 41.5



#8

2-Chlorophenol

Concen: 36.461 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

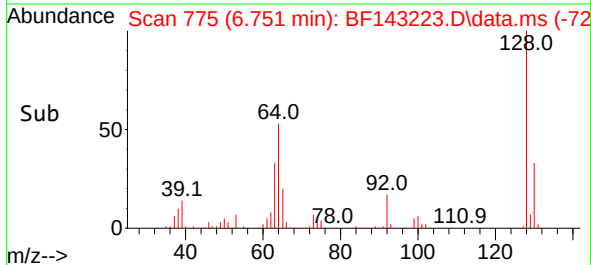
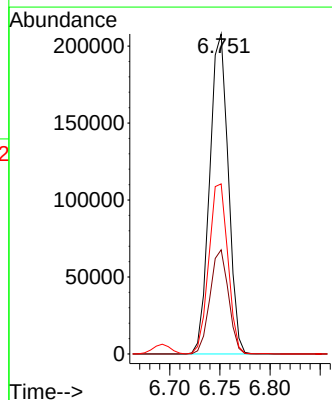
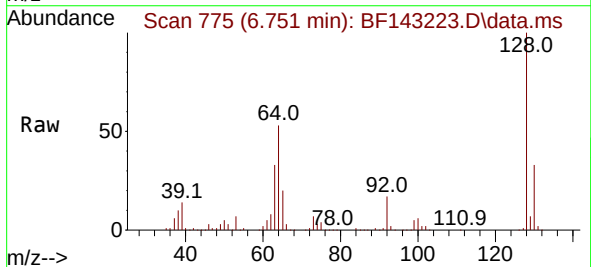
Tgt Ion:128 Resp: 268754

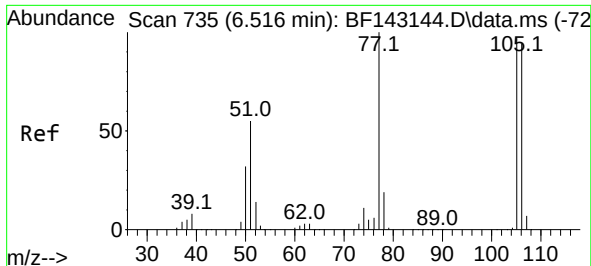
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 53.2 35.9 75.9

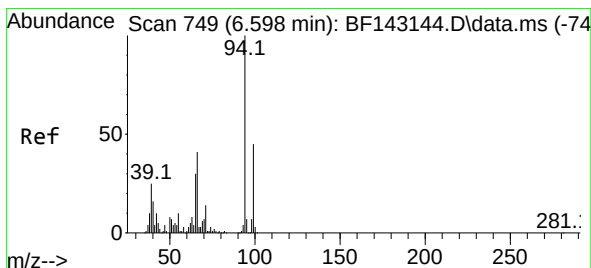
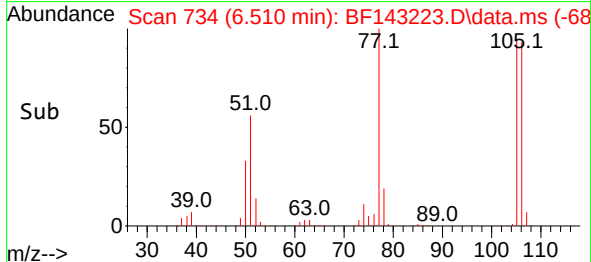
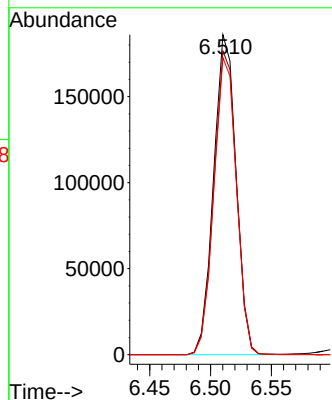
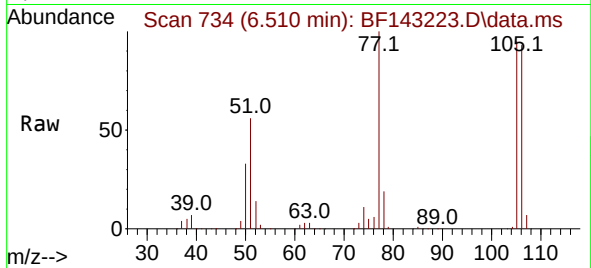




#9
Benzaldehyde
Concen: 35.895 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

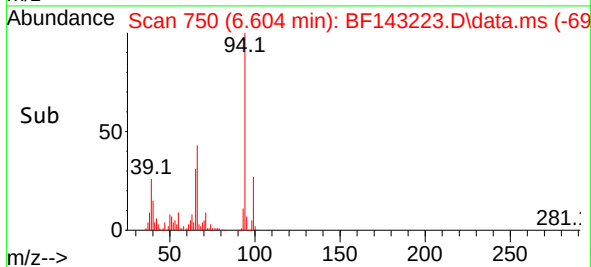
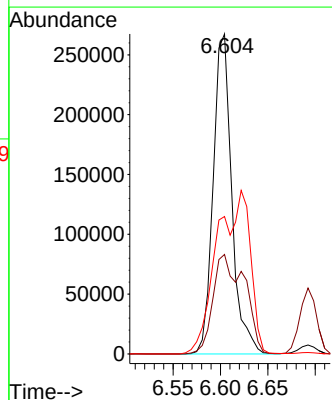
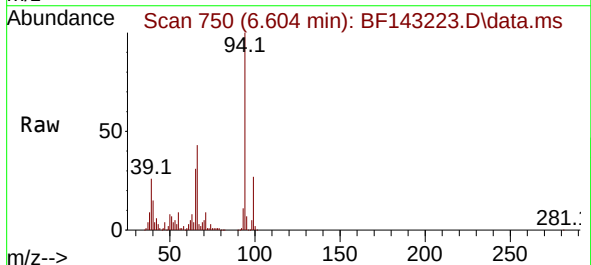
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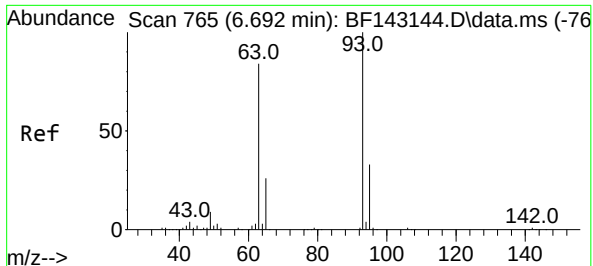
Tgt Ion: 77 Resp: 238241
Ion Ratio Lower Upper
77 100
105 94.9 76.8 116.8
106 92.8 74.4 114.4



#10
Phenol
Concen: 37.846 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion: 94 Resp: 364929
Ion Ratio Lower Upper
94 100
65 31.1 10.0 50.0
66 43.0 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 35.183 ng

RT: 6.692 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

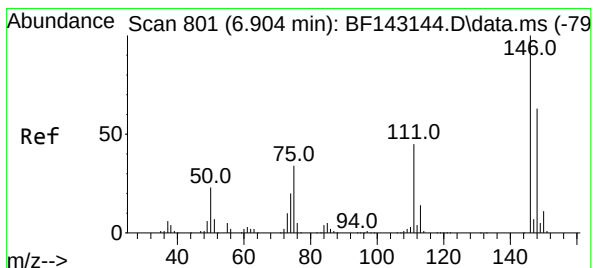
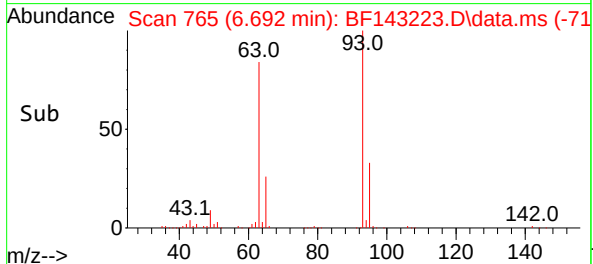
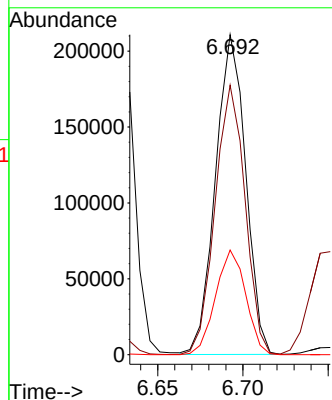
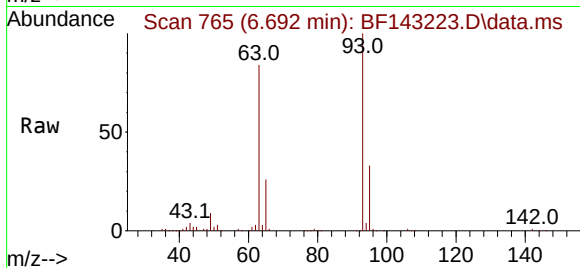
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 259751

Ion	Ratio	Lower	Upper
93	100		
63	84.2	63.4	103.4
95	32.7	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 37.149 ng

RT: 6.904 min Scan# 801

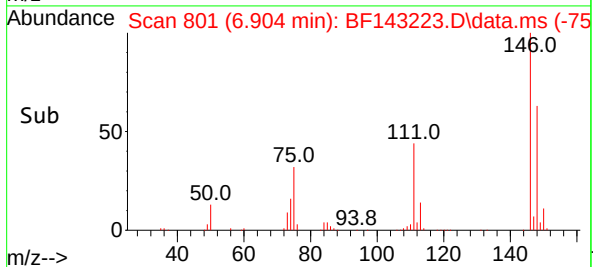
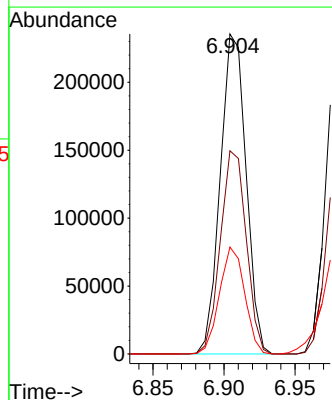
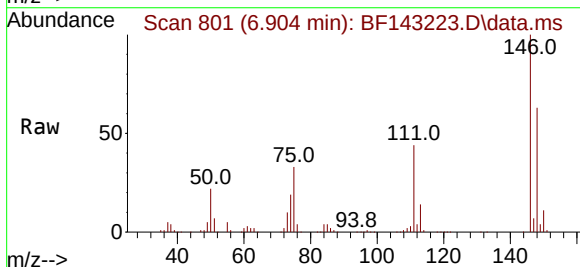
Delta R.T. 0.000 min

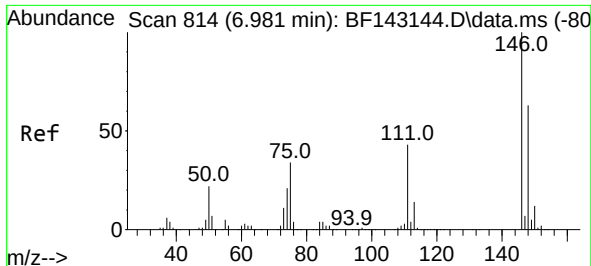
Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Tgt Ion: 146 Resp: 297463

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
75	33.4	27.4	41.2

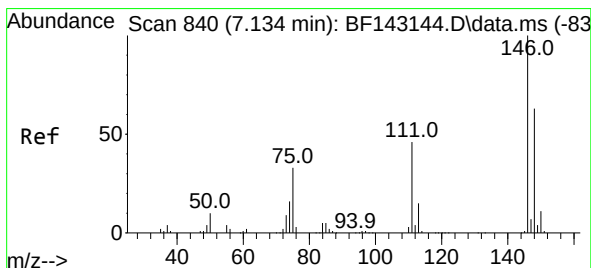
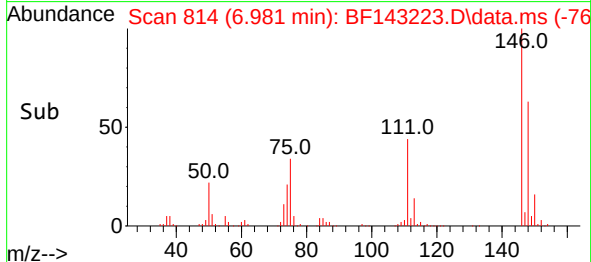
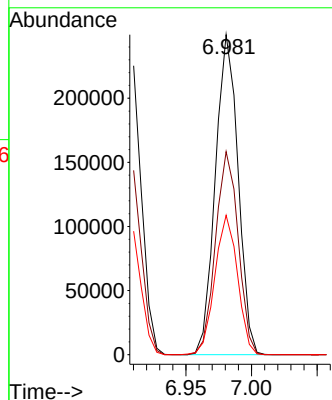
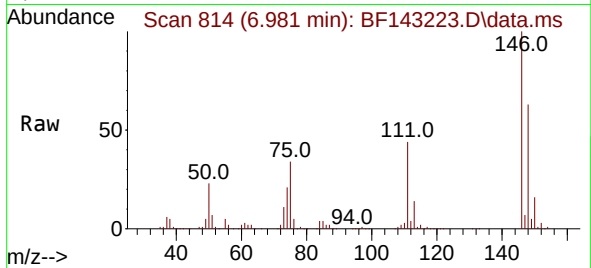




#13
 1,4-Dichlorobenzene
 Concen: 37.229 ng
 RT: 6.981 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

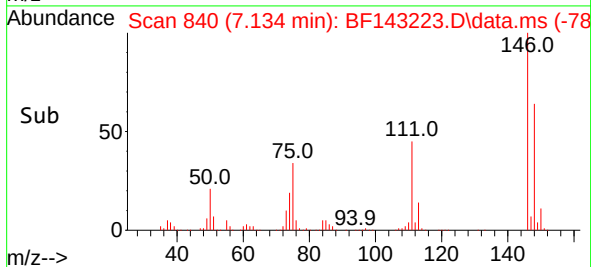
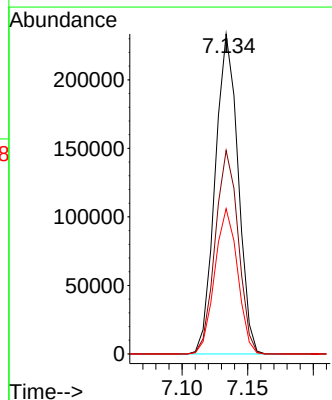
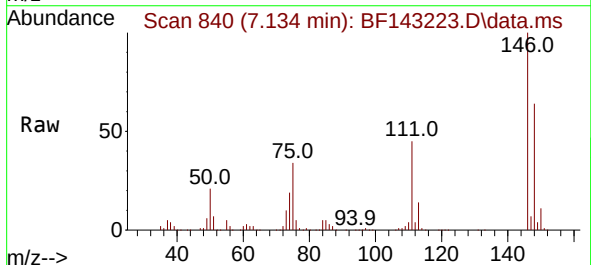
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

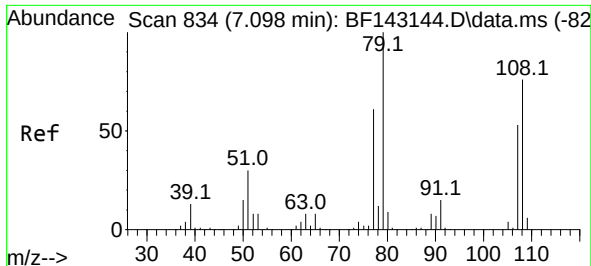
Tgt Ion:146 Resp: 300210
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 43.6 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 37.023 ng
 RT: 7.134 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

Tgt Ion:146 Resp: 283950
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.7 76.1
 111 45.4 36.6 54.8



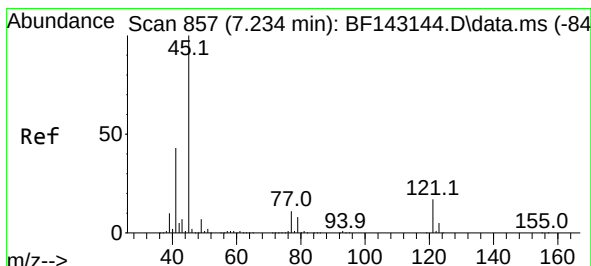
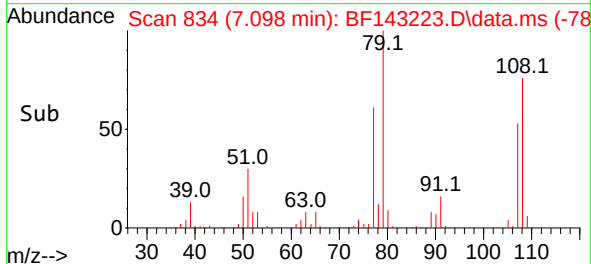
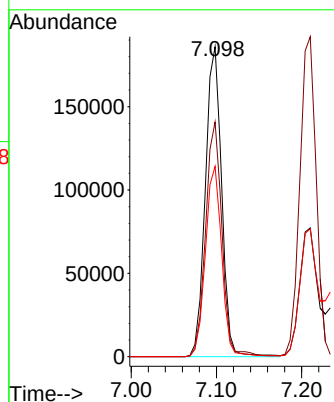
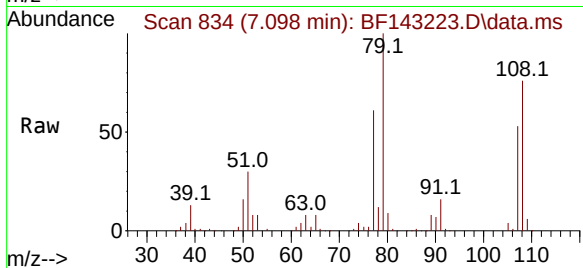


#15
Benzyl Alcohol
Concen: 36.553 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 247035

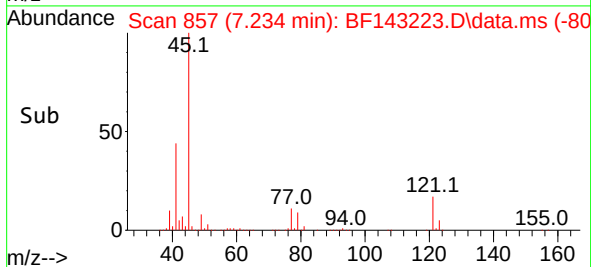
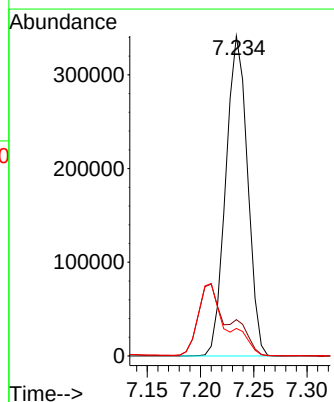
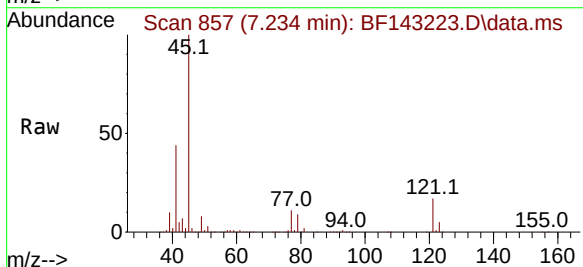
Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.4	48.9	73.3

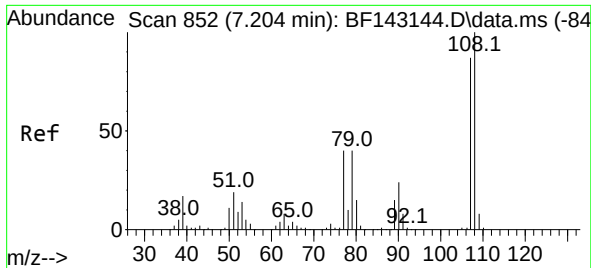


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.375 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion: 45 Resp: 484476

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.2
79	8.6	0.0	28.5

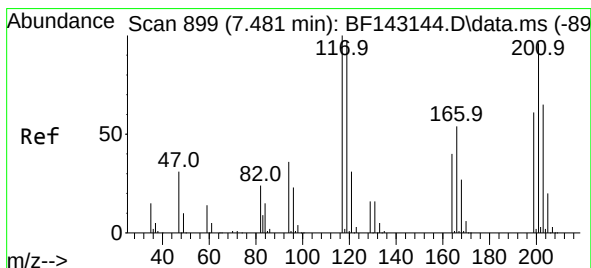
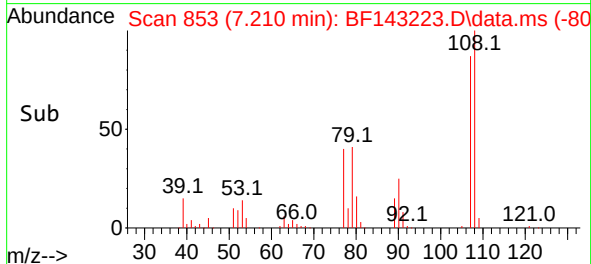
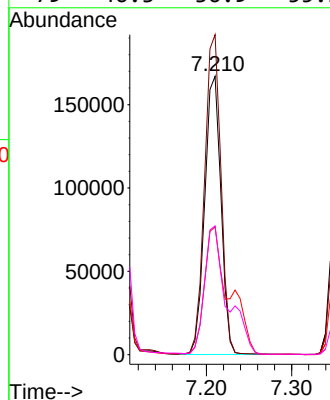
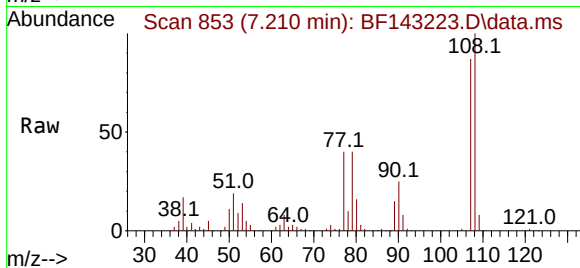




#17
2-Methylphenol
Concen: 35.667 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

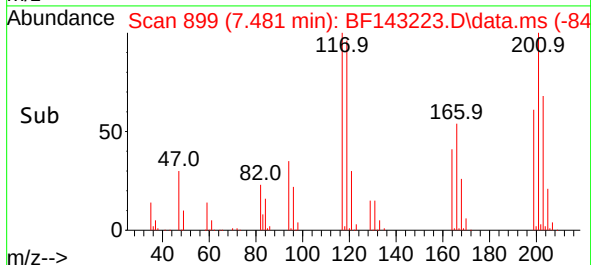
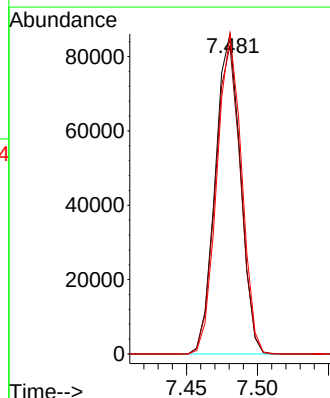
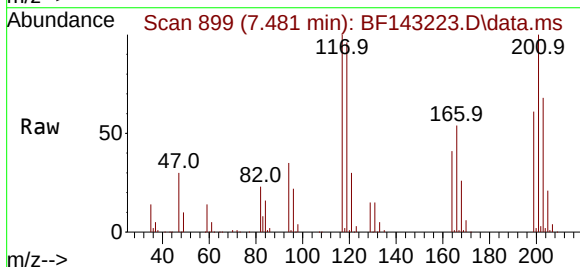
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

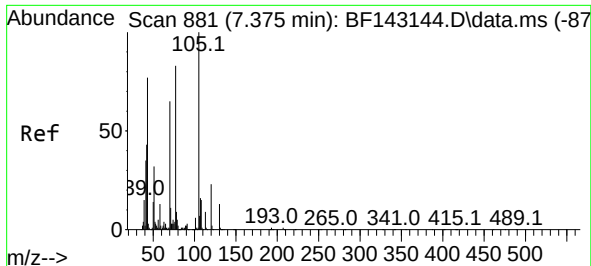
Tgt Ion:	107	Resp:	221052
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.8	137.6
77	45.9	37.0	55.6
79	46.3	36.9	55.3



#18
Hexachloroethane
Concen: 37.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:	117	Resp:	105891
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	100.0	77.0	115.4

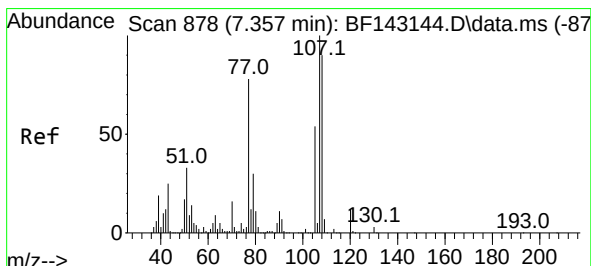
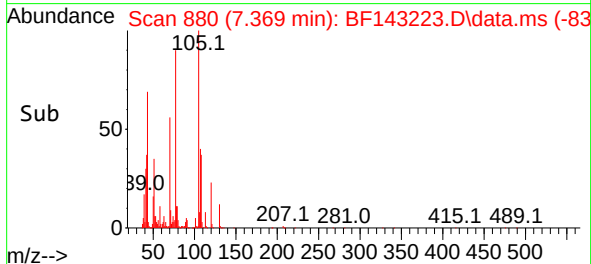
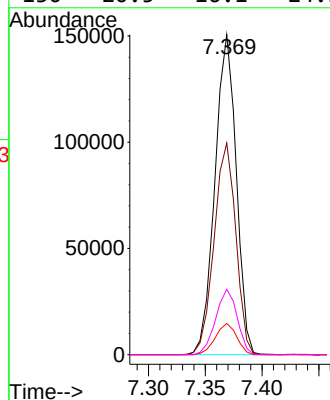
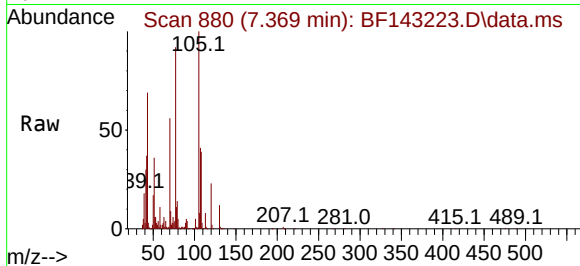




#19
n-Nitroso-di-n-propylamine
Concen: 34.704 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

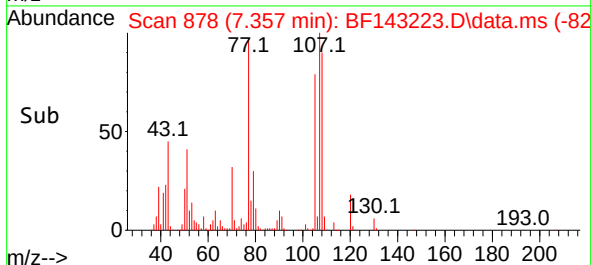
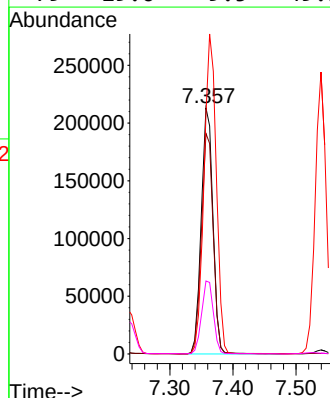
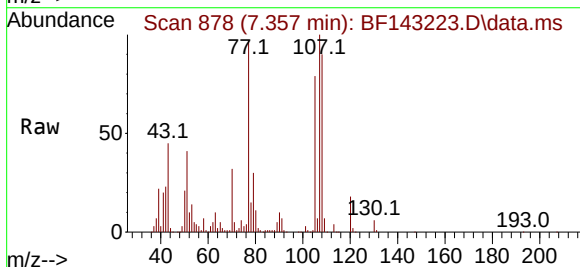
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

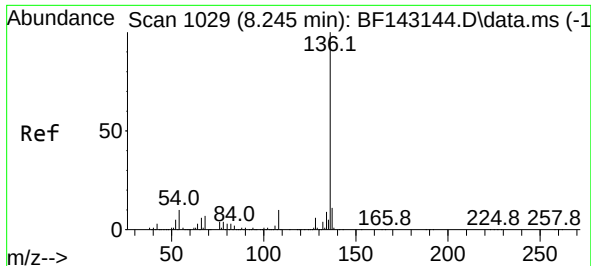
Tgt Ion:	70	Resp:	197073
Ion	Ratio	Lower	Upper
70	100		
42	66.2	52.5	78.7
101	9.8	7.6	11.4
130	20.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 36.577 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:	107	Resp:	275040
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.0	110.0
77	97.3	57.8	97.8
79	29.6	9.5	49.5



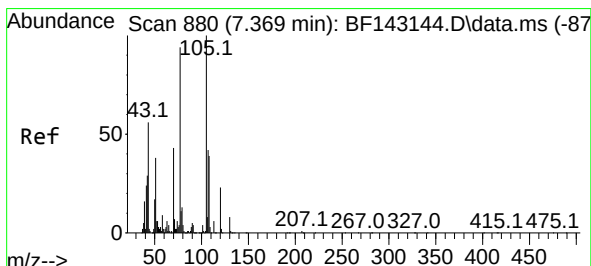
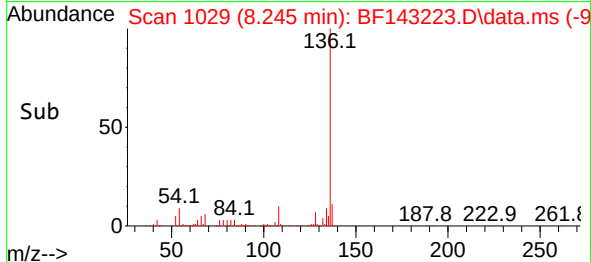
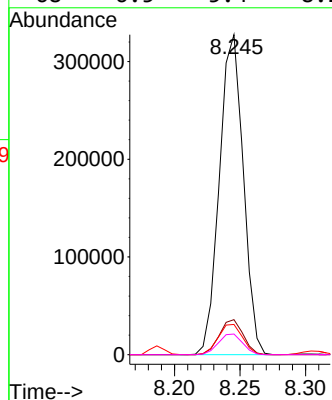
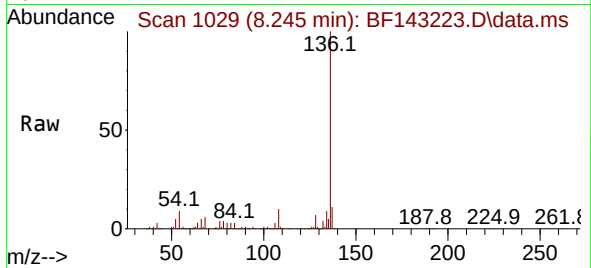


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 414377

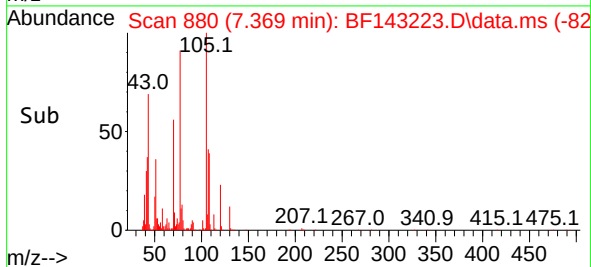
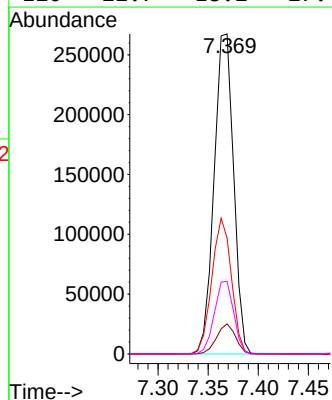
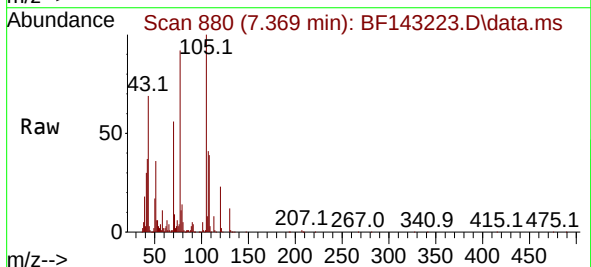
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.5	5.4	8.2

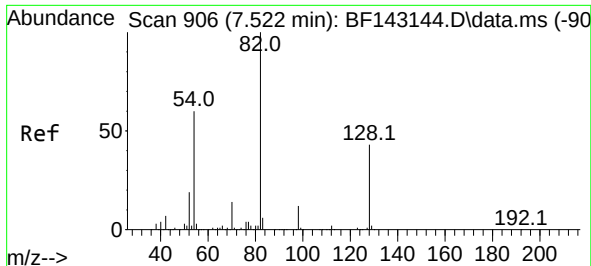


#22
Acetophenone
Concen: 36.877 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:105 Resp: 361776

Ion	Ratio	Lower	Upper
105	100		
71	9.4	5.8	8.6
51	36.3	30.2	45.2
120	22.7	18.2	27.4





#23

Nitrobenzene-d5

Concen: 78.050 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

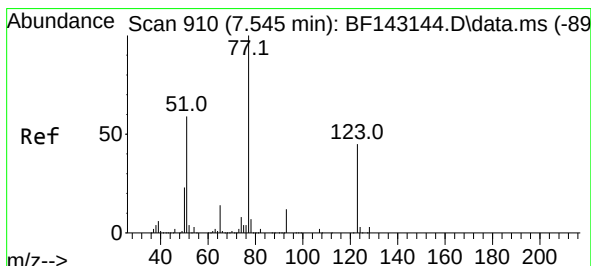
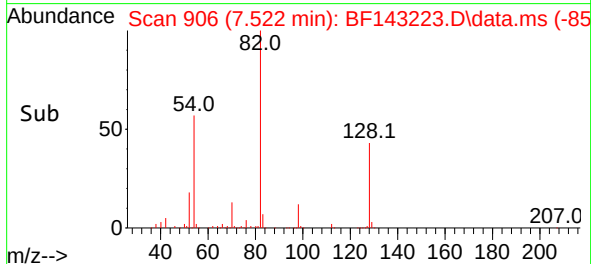
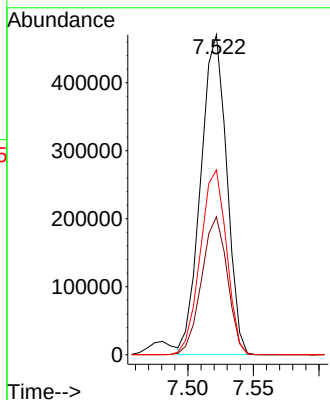
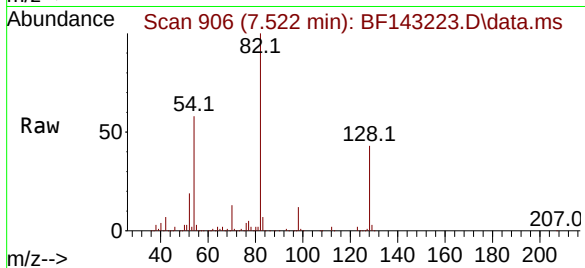
Tgt Ion: 82 Resp: 648825

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 57.8 47.1 70.7



#24

Nitrobenzene

Concen: 37.874 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

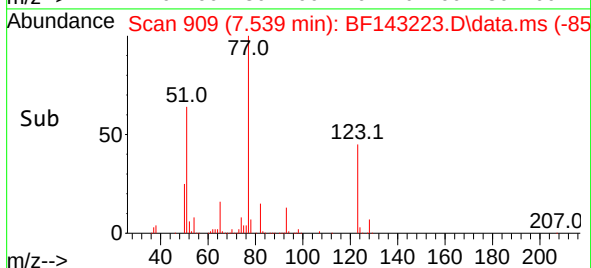
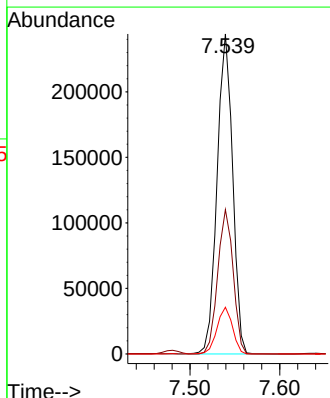
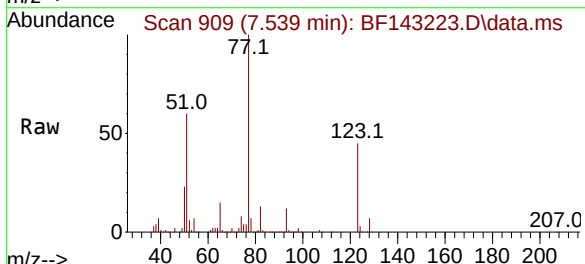
Tgt Ion: 77 Resp: 293530

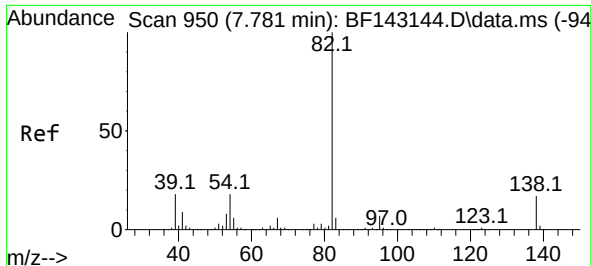
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

65 14.6 11.4 17.2

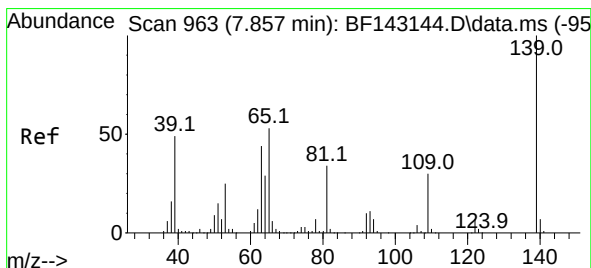
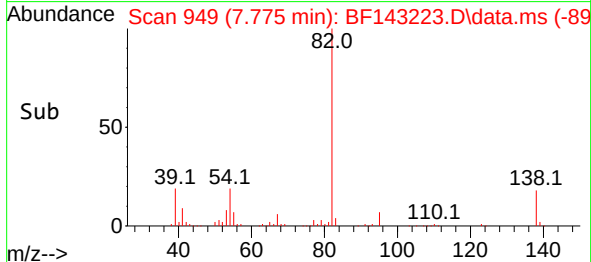
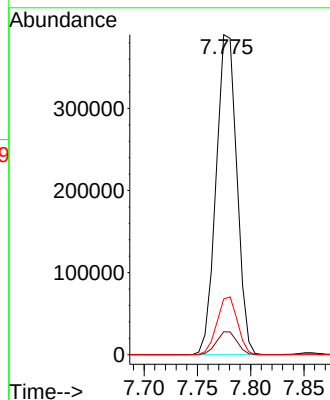
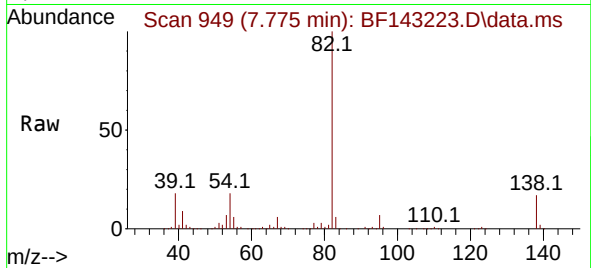




#25
Isophorone
Concen: 35.896 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

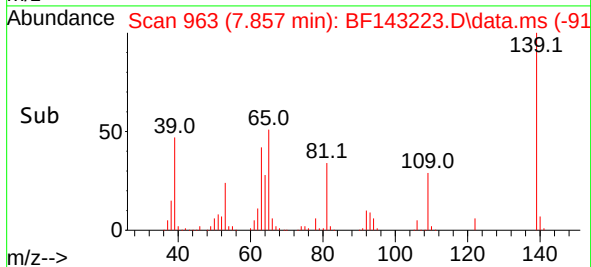
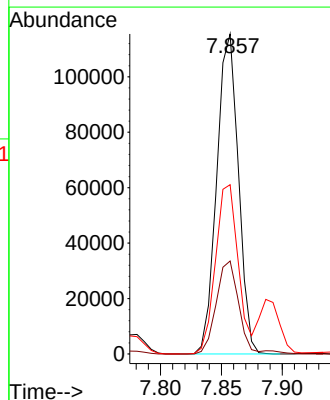
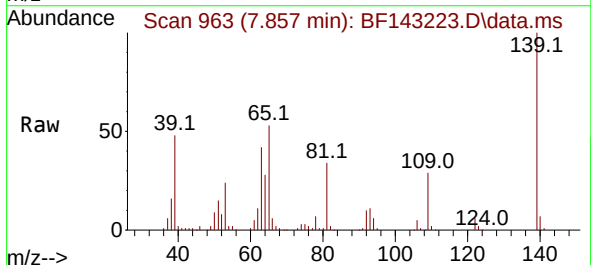
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

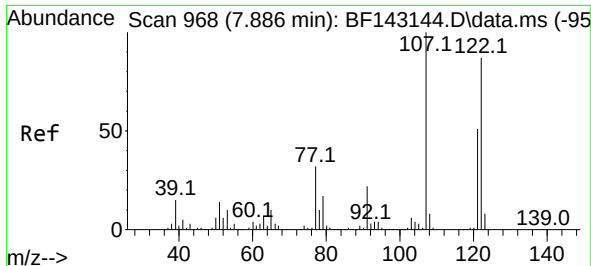
Tgt Ion: 82 Resp: 526777
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.8 20.8



#26
2-Nitrophenol
Concen: 42.498 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion: 139 Resp: 142946
Ion Ratio Lower Upper
139 100
109 29.1 23.6 35.4
65 52.9 42.6 64.0

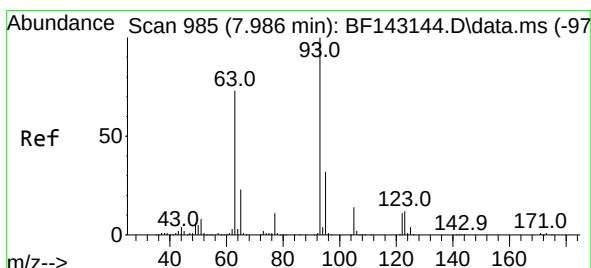
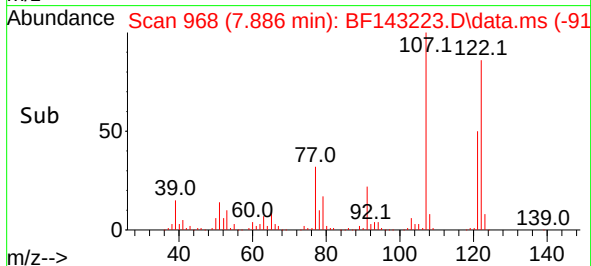
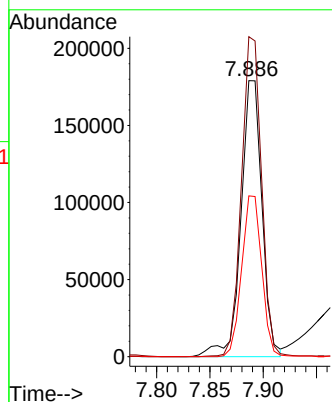
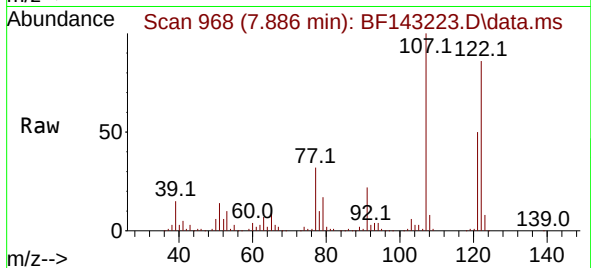




#27
2,4-Dimethylphenol
Concen: 35.933 ng
RT: 7.886 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

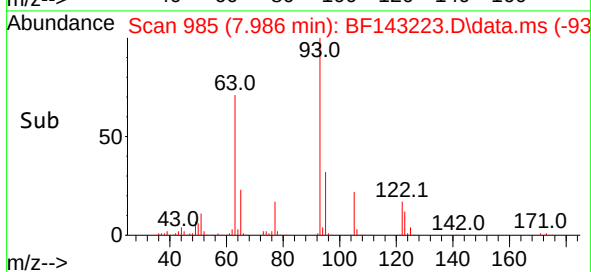
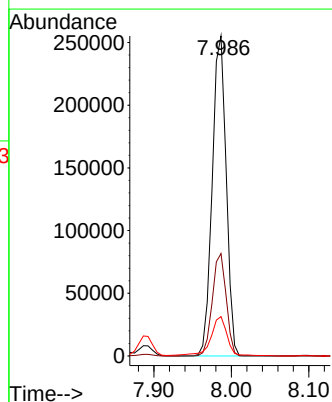
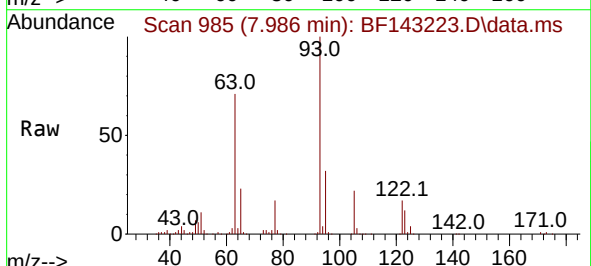
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

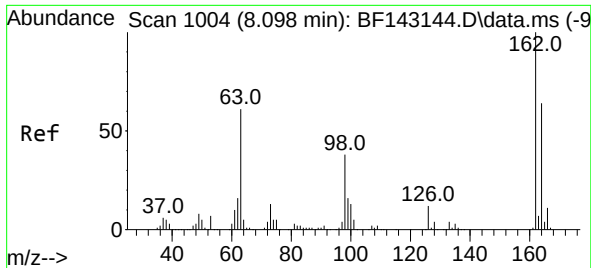
Tgt Ion:122 Resp: 246366
Ion Ratio Lower Upper
122 100
107 115.9 91.8 137.6
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 36.279 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion: 93 Resp: 319213
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 37.189 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

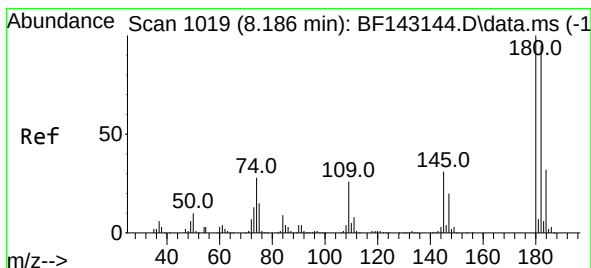
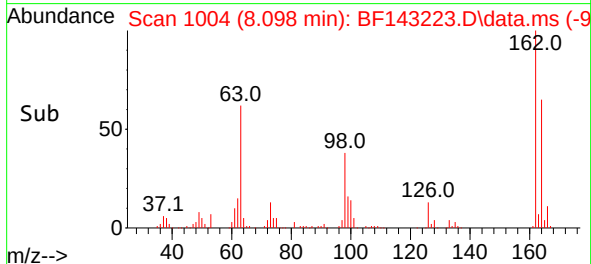
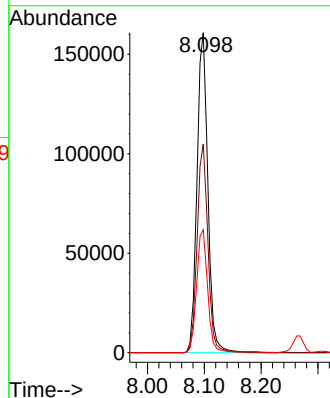
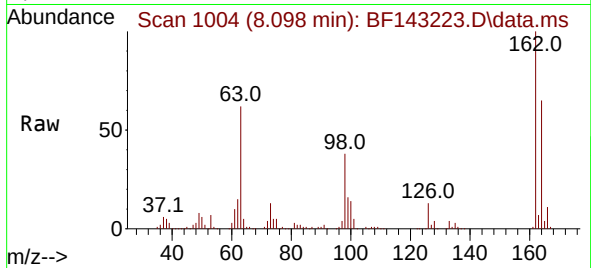
Tgt Ion:162 Resp: 215033

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 38.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 37.857 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

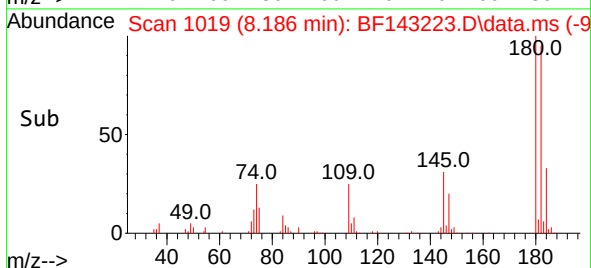
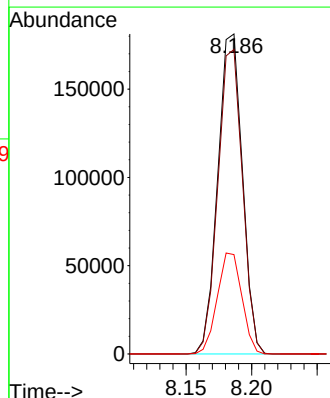
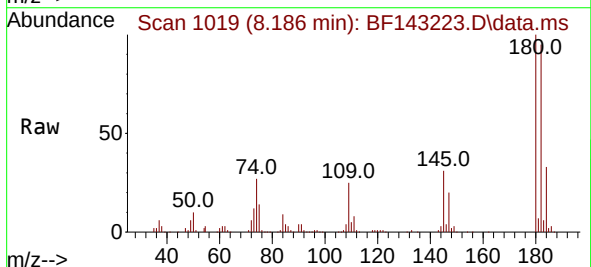
Tgt Ion:180 Resp: 236481

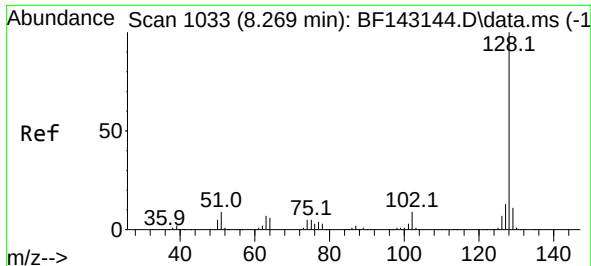
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.0 25.0 37.6

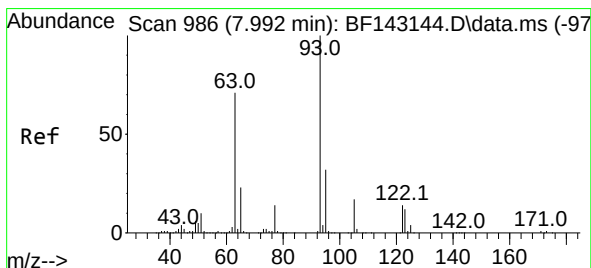
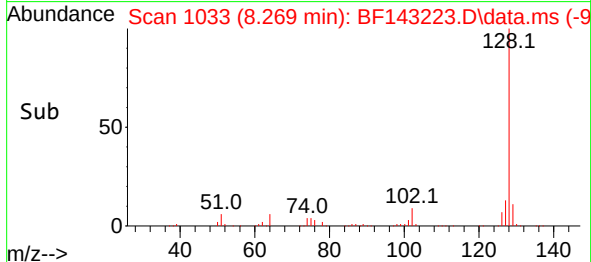
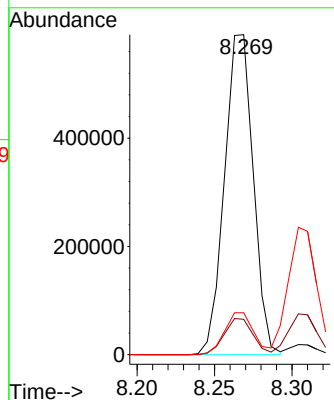
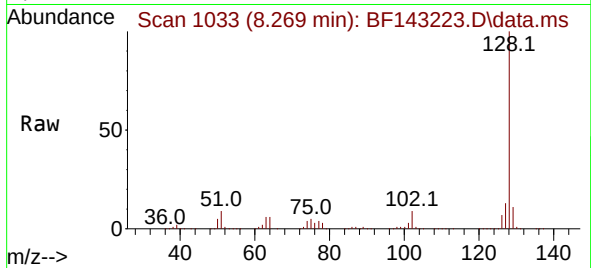




#31
Naphthalene
Concen: 37.433 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

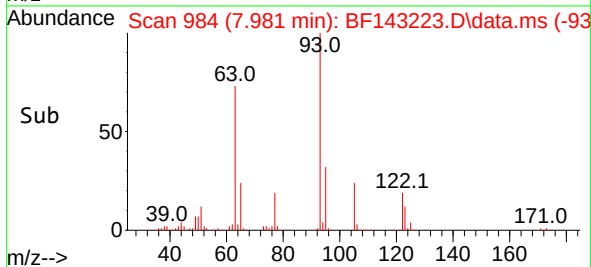
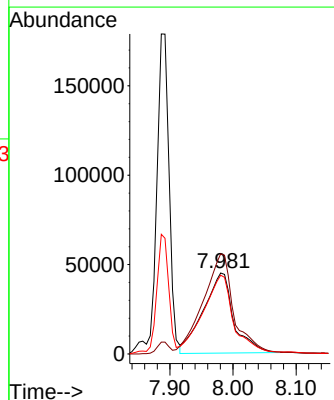
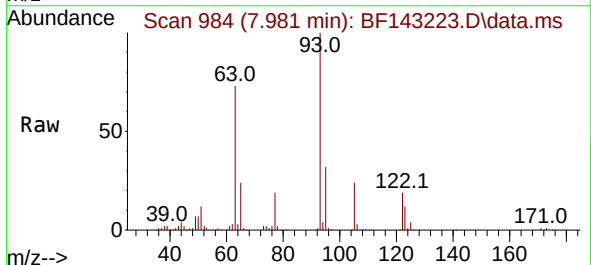
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

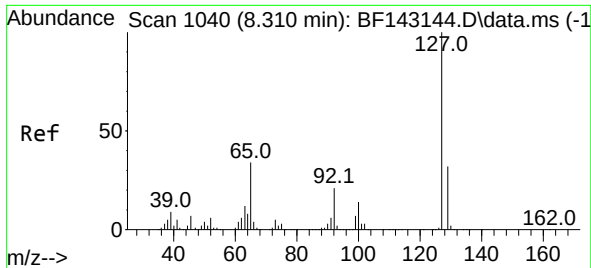
Tgt Ion:128 Resp: 763924
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 39.764 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:122 Resp: 149732
Ion Ratio Lower Upper
122 100
105 123.7 104.8 144.8
77 97.3 77.6 117.6

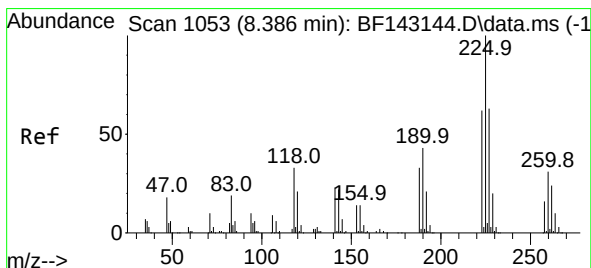
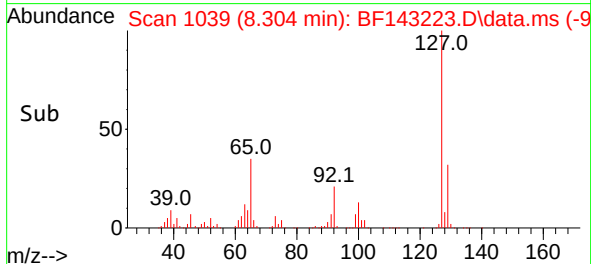
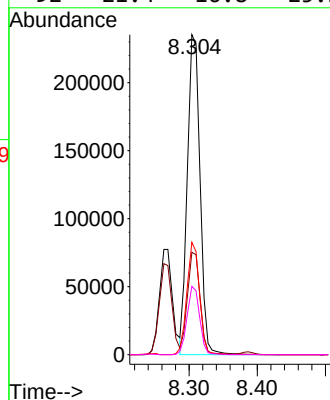
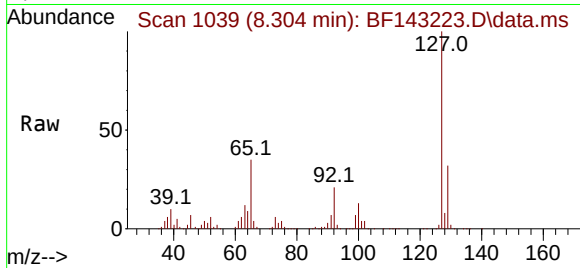




#33
4-Chloroaniline
Concen: 36.327 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

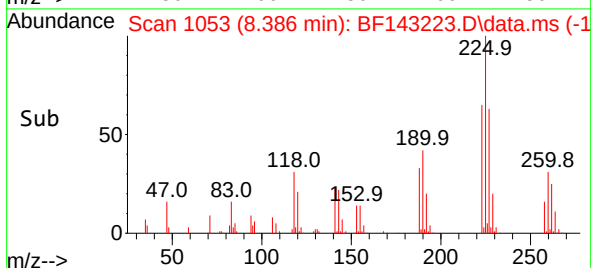
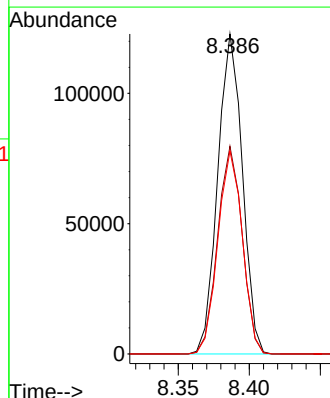
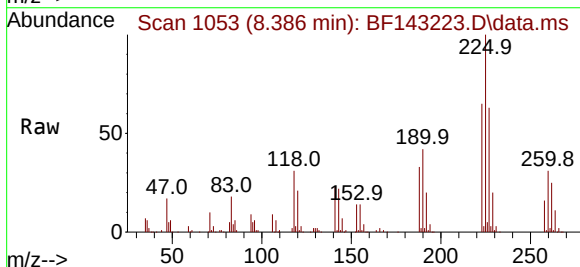
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

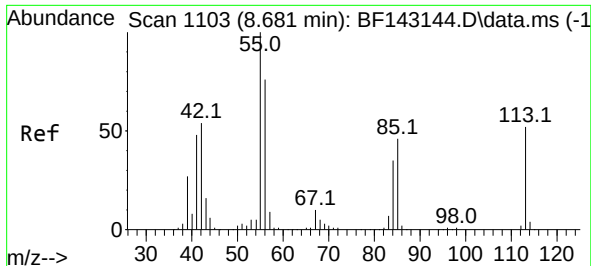
Tgt Ion:127	Resp: 302711
Ion Ratio	Lower Upper
127 100	
129 32.0	26.0 39.0
65 35.1	27.4 41.2
92 21.4	16.8 25.2



#34
Hexachlorobutadiene
Concen: 38.776 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt	Ion:225	Resp:	147967
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	63.4	50.2	75.4

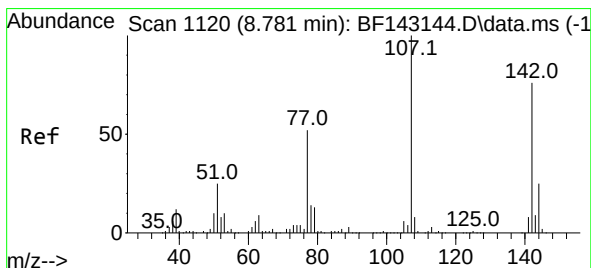
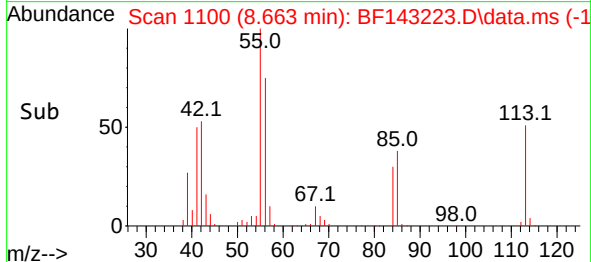
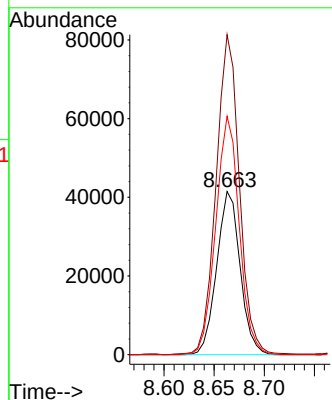
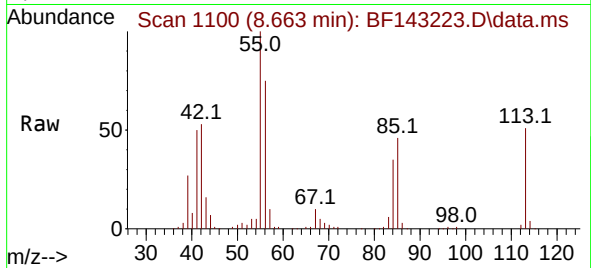




#35
 Caprolactam
 Concen: 38.501 ng
 RT: 8.663 min Scan# 1100
 Delta R.T. -0.018 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

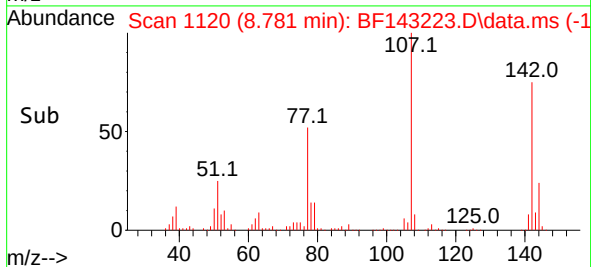
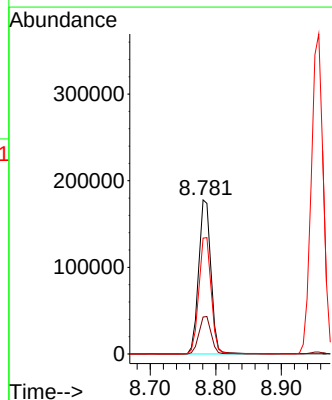
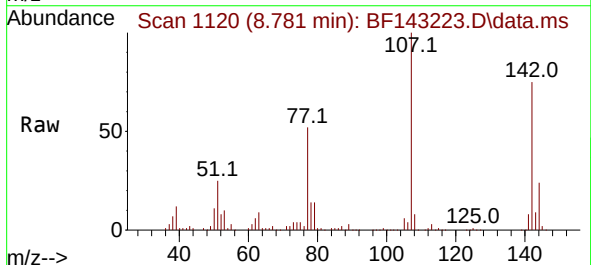
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

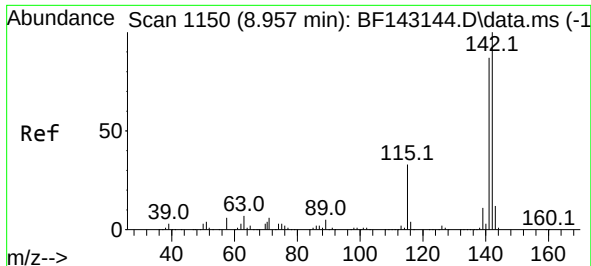
Tgt Ion:113 Resp: 67272
 Ion Ratio Lower Upper
 113 100
 55 196.2 174.0 214.0
 56 146.2 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.056 ng
 RT: 8.781 min Scan# 1120
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

Tgt Ion:107 Resp: 232884
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 75.2 60.6 90.8

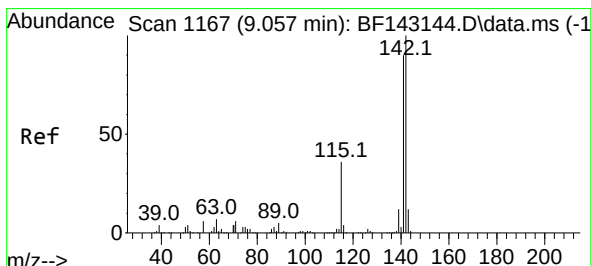
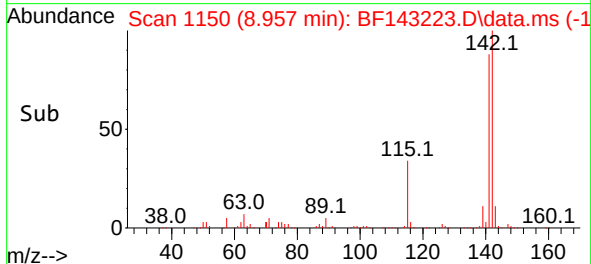
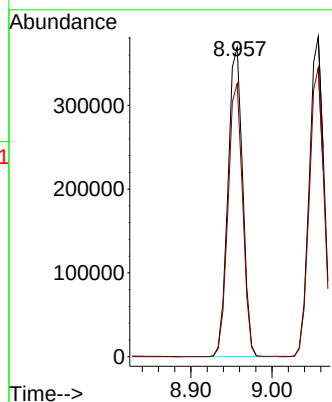
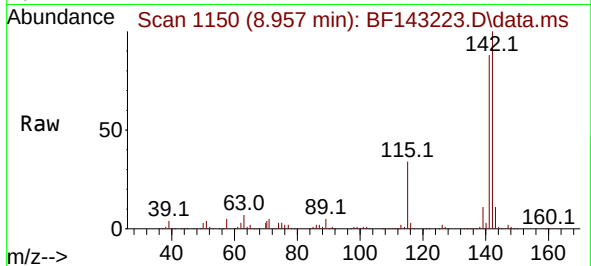




#37
2-Methylnaphthalene
Concen: 37.502 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

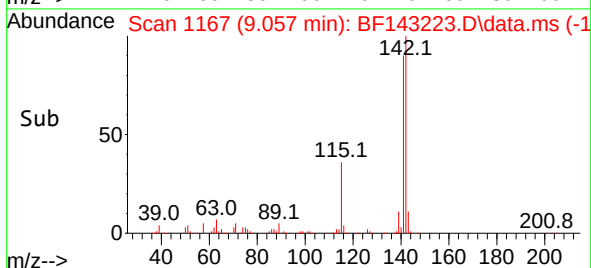
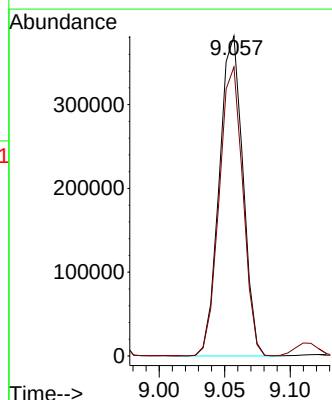
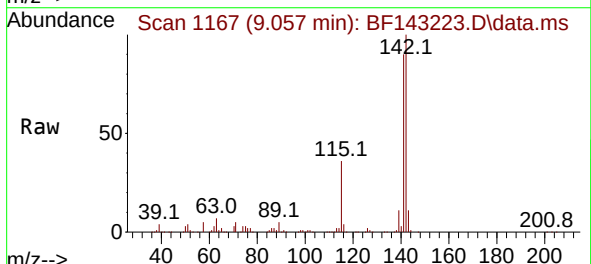
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

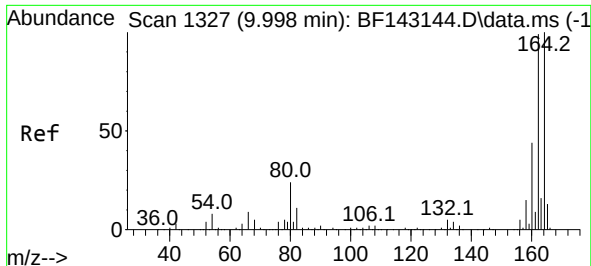
Tgt Ion:142 Resp: 465708
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 37.446 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:142 Resp: 478847
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5

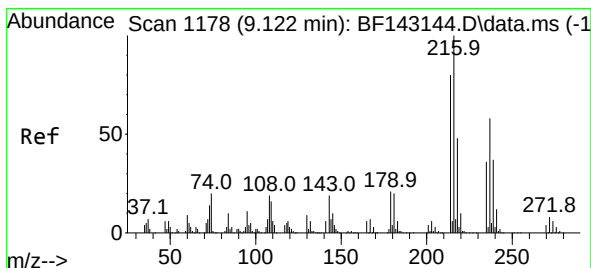
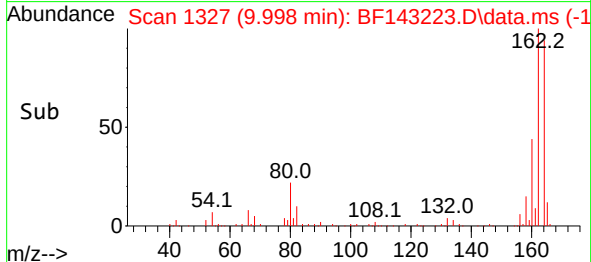
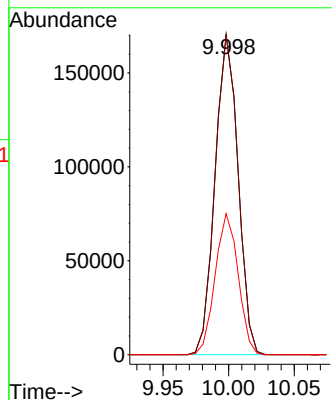
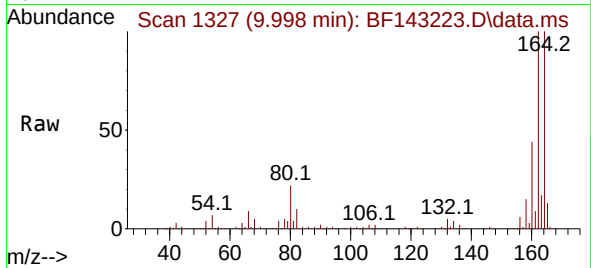




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

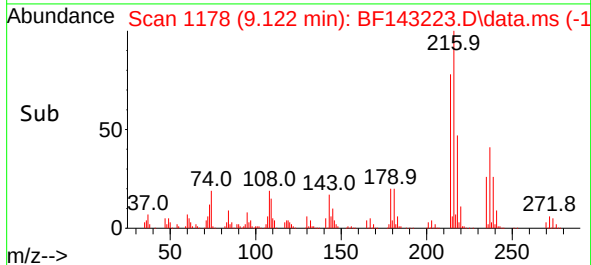
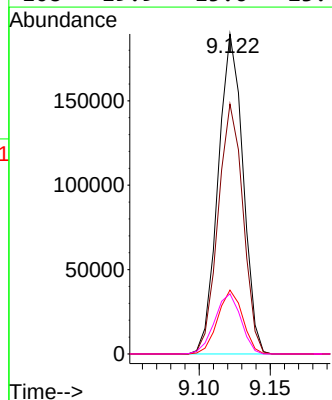
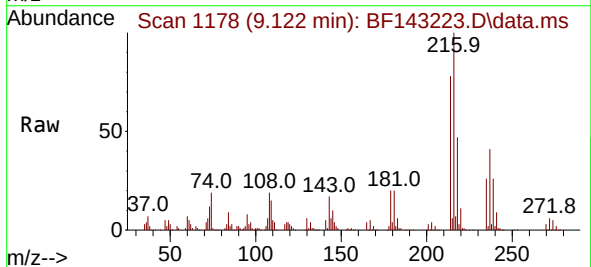
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

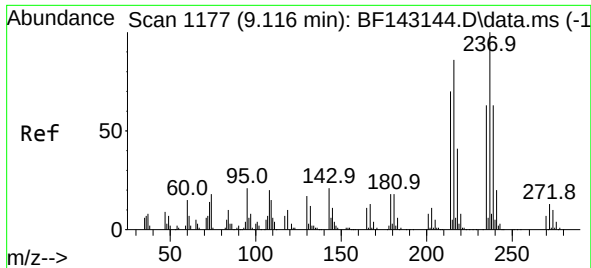
Tgt Ion:164 Resp: 207756
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.6
160 44.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.458 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:216 Resp: 230675
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.8
179 20.0 16.4 24.6
108 19.9 15.6 23.4

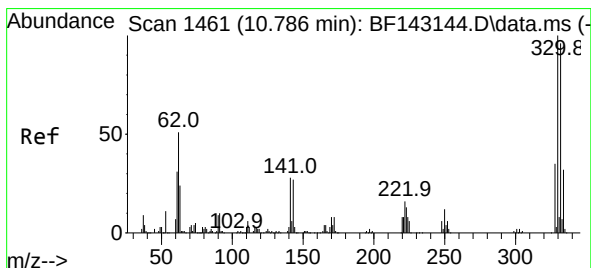
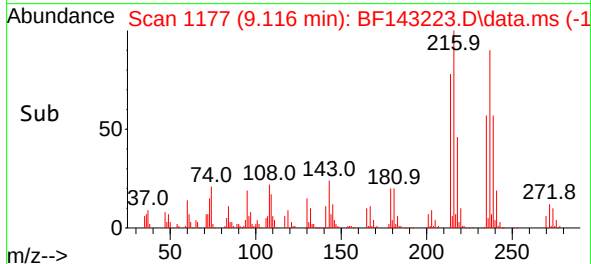
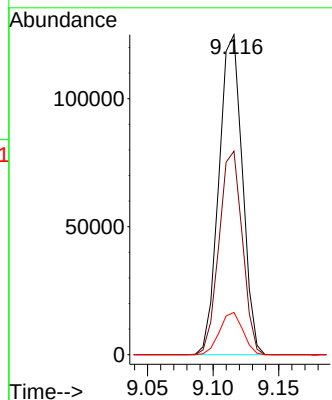
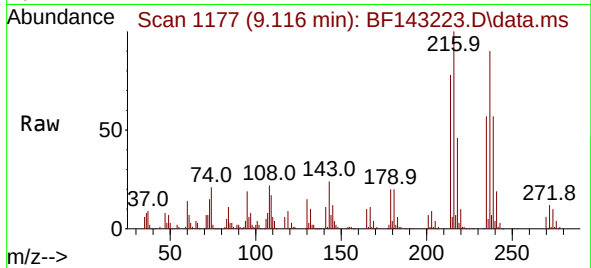




#41
Hexachlorocyclopentadiene
Concen: 39.748 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

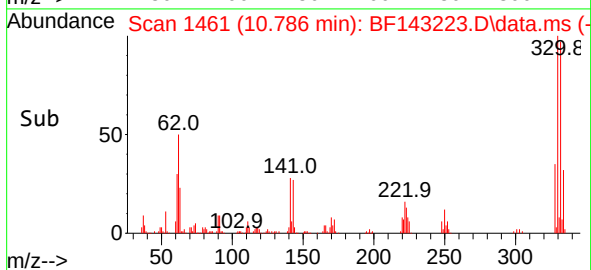
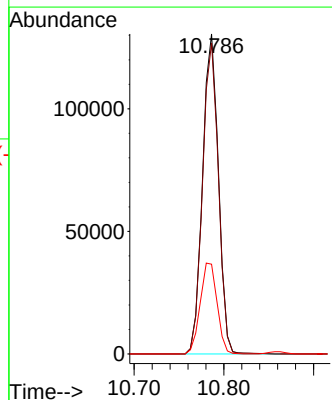
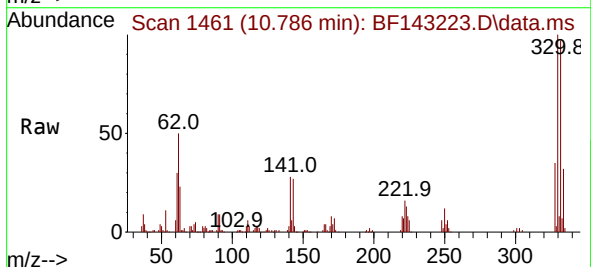
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

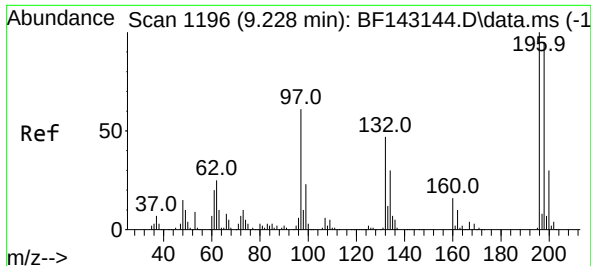
Tgt Ion:237 Resp: 155129
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 74.539 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:330 Resp: 159979
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 30.3 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 37.728 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

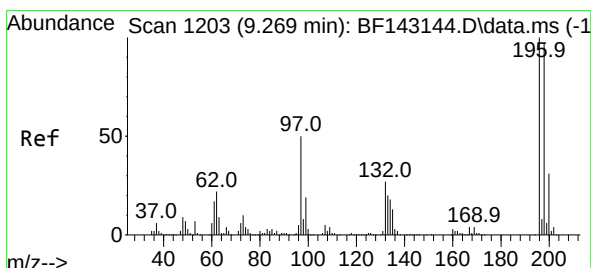
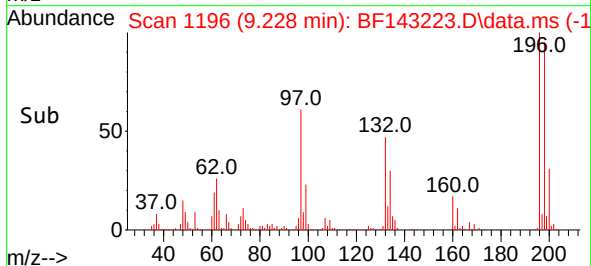
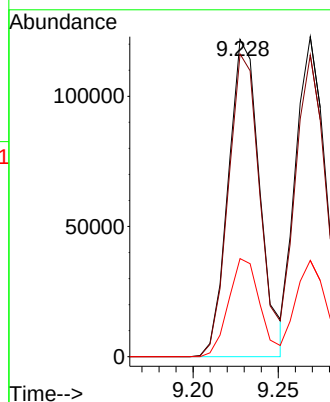
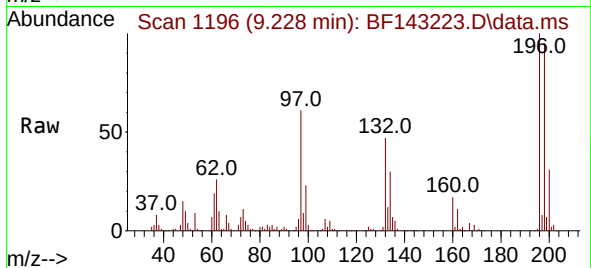
Tgt Ion:196 Resp: 156619

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 30.9 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 38.431 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Tgt Ion:196 Resp: 159582

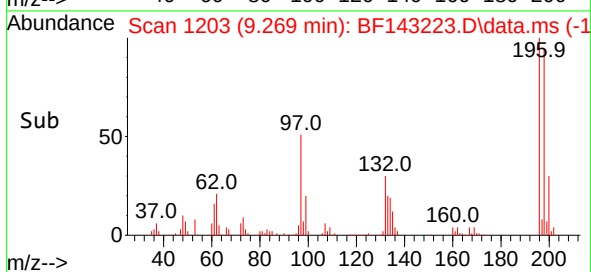
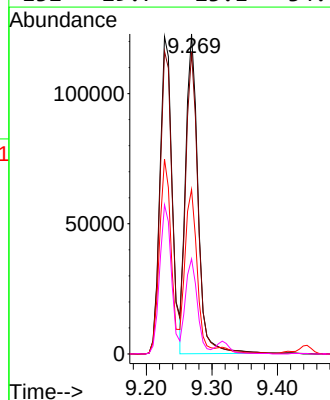
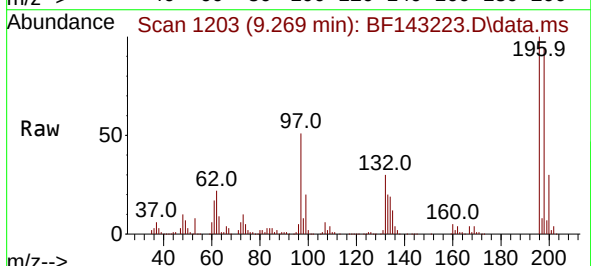
Ion Ratio Lower Upper

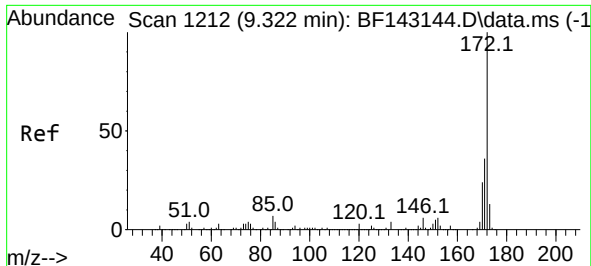
196 100

198 94.3 77.3 115.9

97 51.4 40.3 60.5

132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.918 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

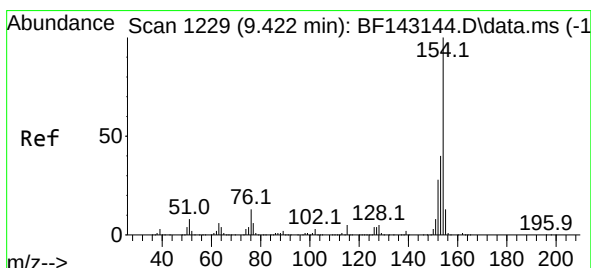
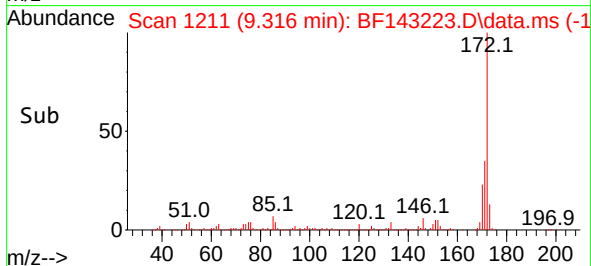
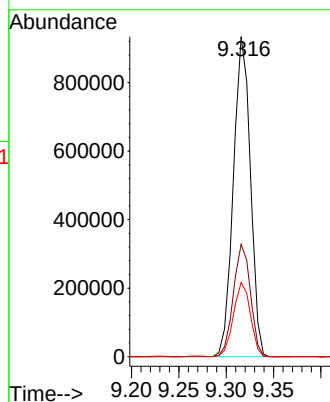
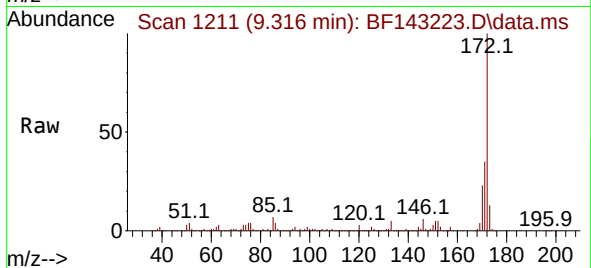
Tgt Ion:172 Resp: 1168464

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.143 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

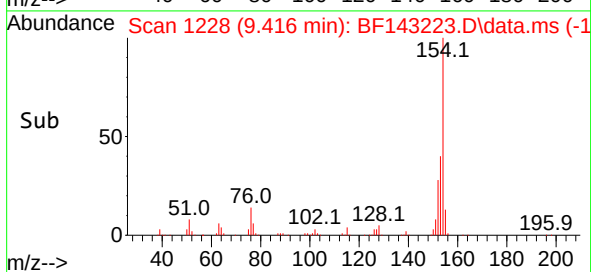
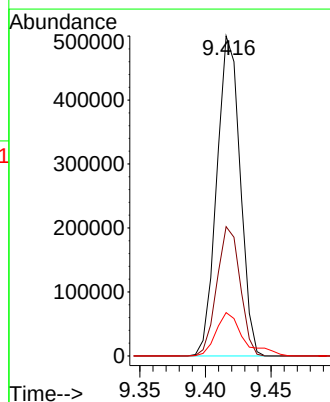
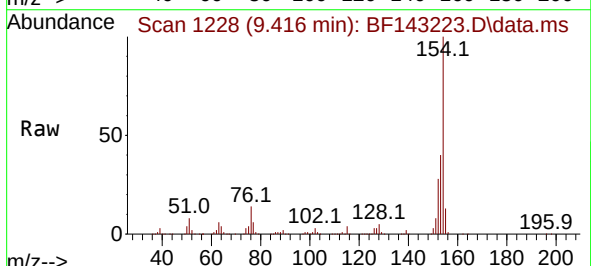
Tgt Ion:154 Resp: 618266

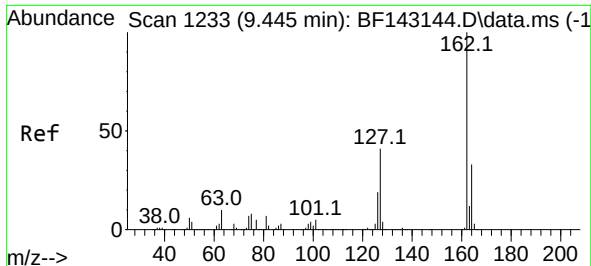
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 37.902 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

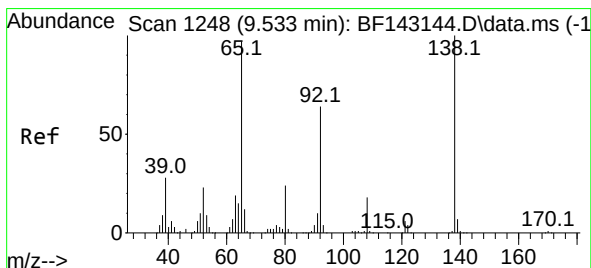
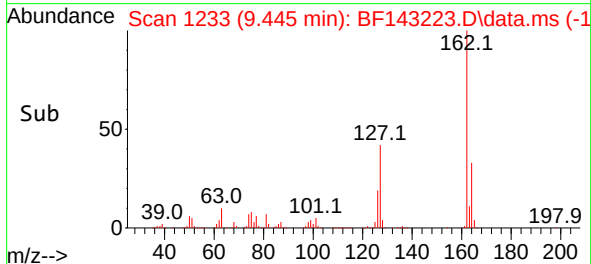
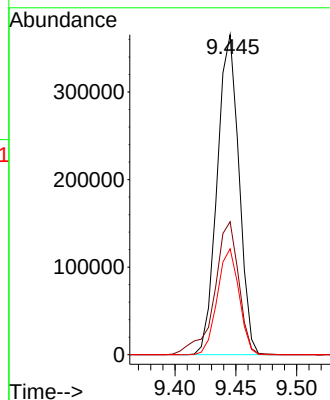
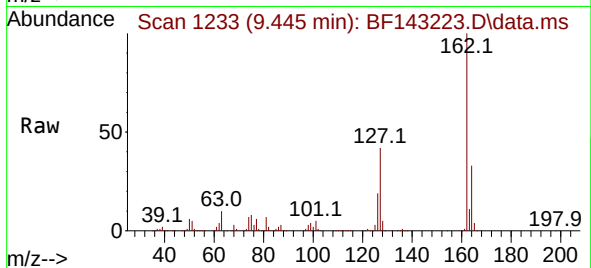
Tgt Ion:162 Resp: 454577

Ion Ratio Lower Upper

162 100

127 41.6 33.4 50.2

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 40.349 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

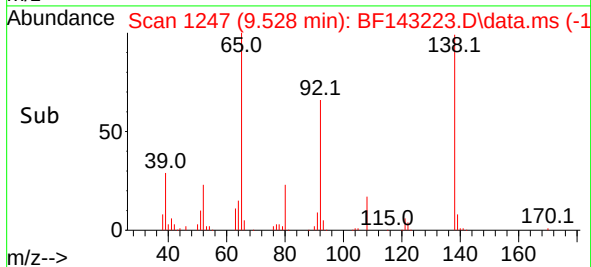
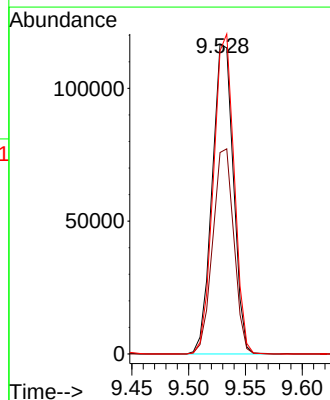
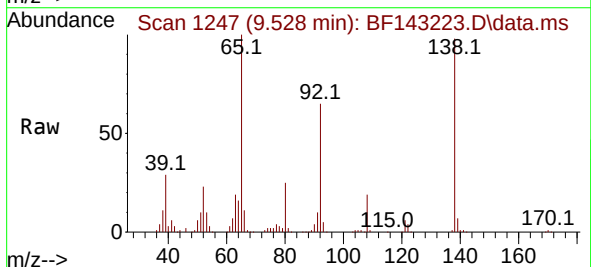
Tgt Ion: 65 Resp: 151760

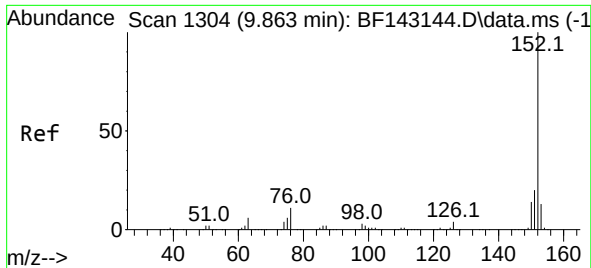
Ion Ratio Lower Upper

65 100

92 65.0 52.4 78.6

138 97.8 82.3 123.5

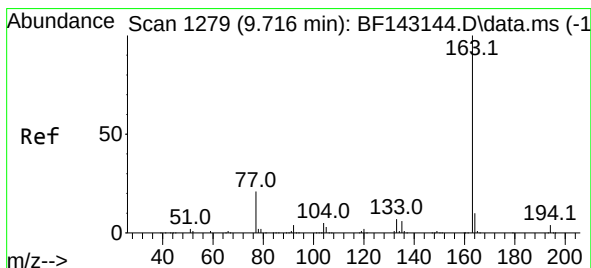
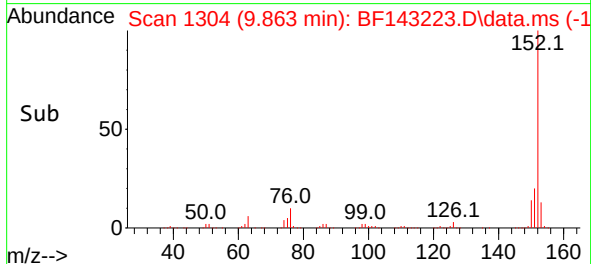
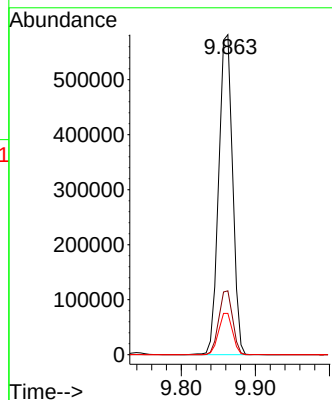
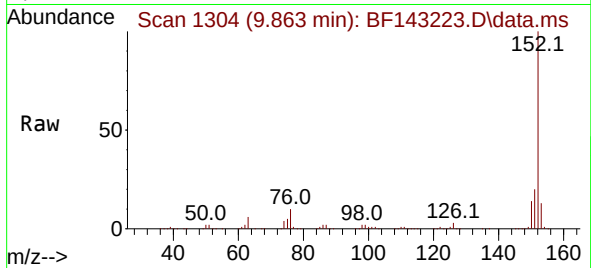




#49
Acenaphthylene
Concen: 37.718 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

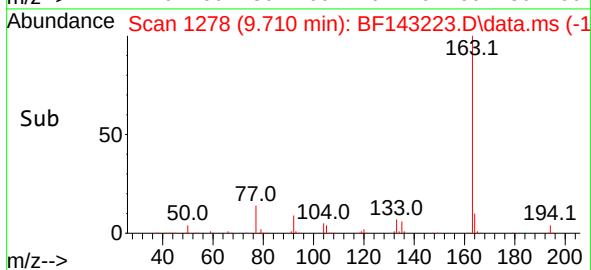
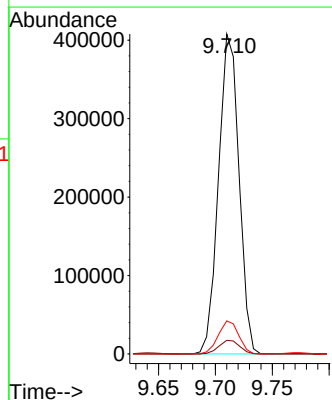
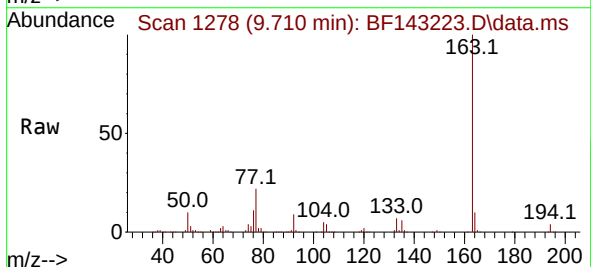
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

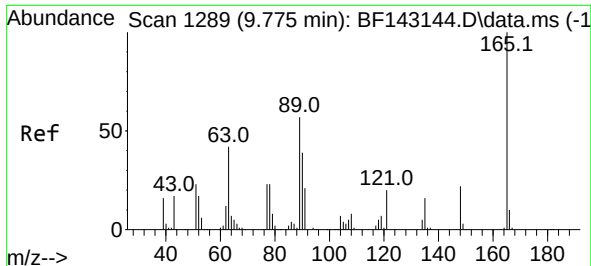
Tgt Ion:152 Resp: 758100
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.9 10.6 16.0



#50
Dimethylphthalate
Concen: 37.790 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:163 Resp: 511764
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 8.3 12.5

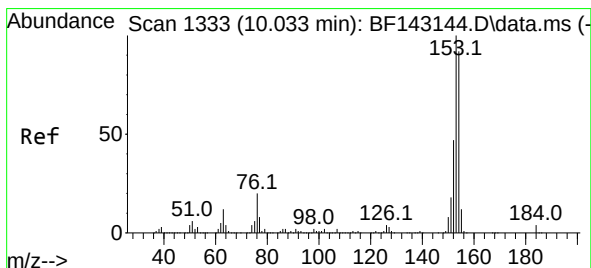
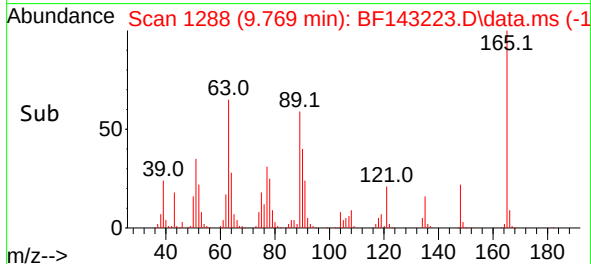
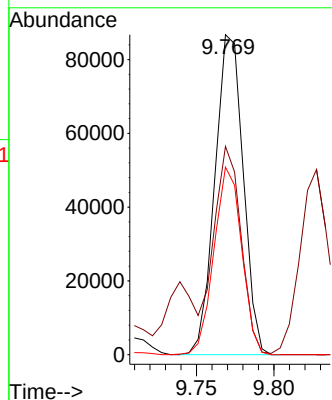
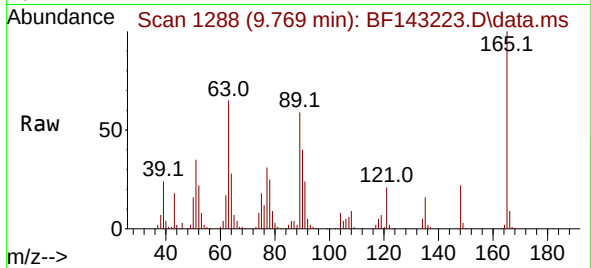




#51
2,6-Dinitrotoluene
Concen: 40.027 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

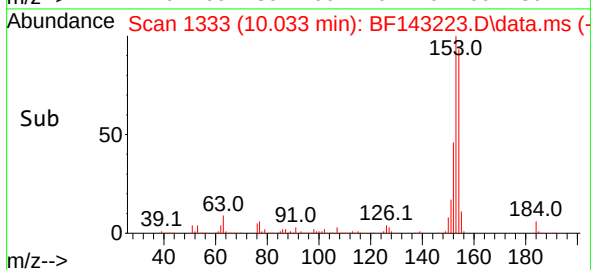
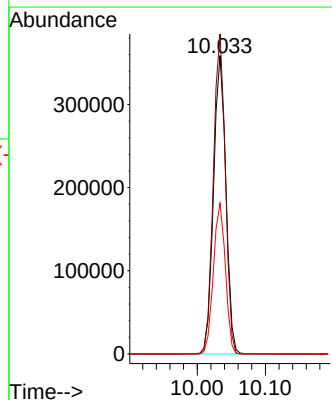
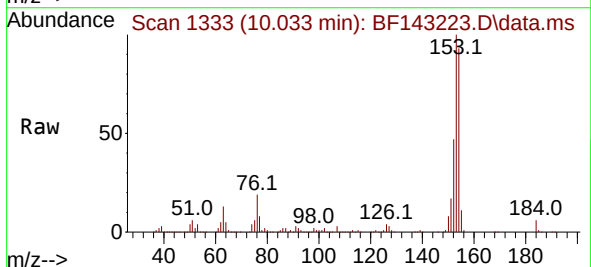
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

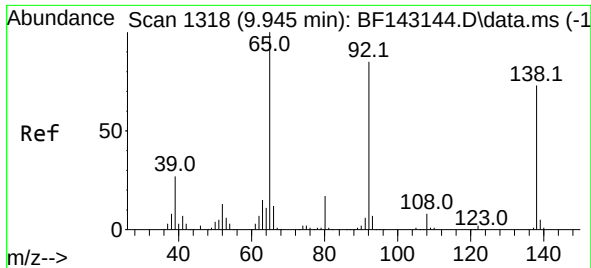
Tgt Ion:165 Resp: 110269
Ion Ratio Lower Upper
165 100
63 65.1 49.4 74.2
89 58.6 46.2 69.2



#52
Acenaphthene
Concen: 38.086 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:154 Resp: 452451
Ion Ratio Lower Upper
154 100
153 107.2 86.6 129.8
152 50.5 40.4 60.6

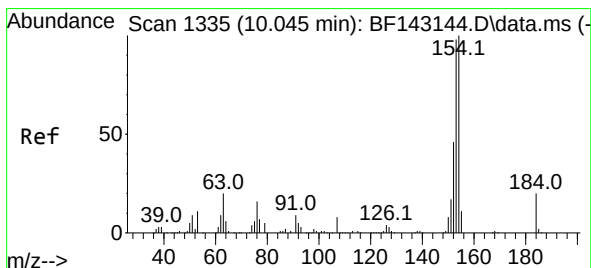
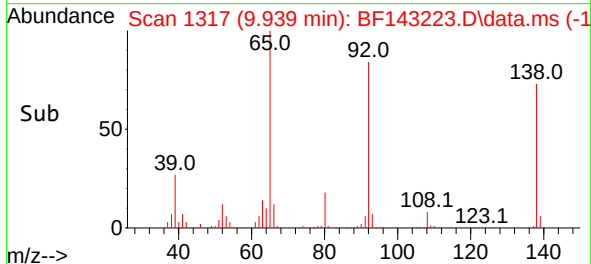
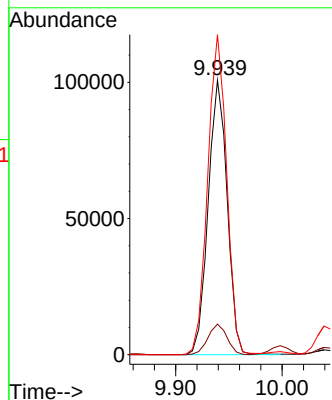
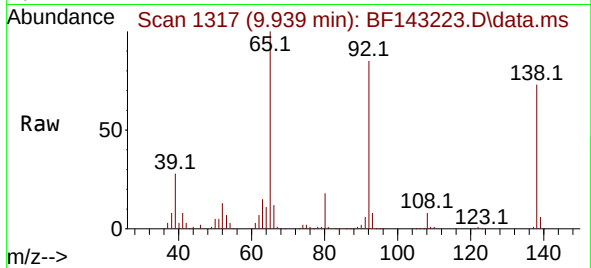




#53
3-Nitroaniline
Concen: 38.751 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

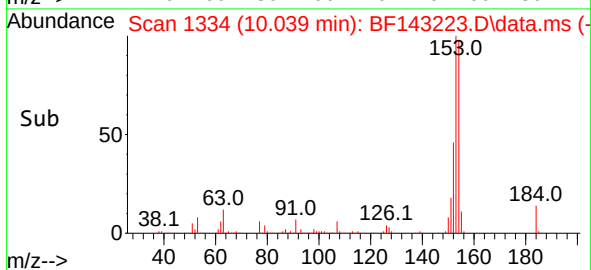
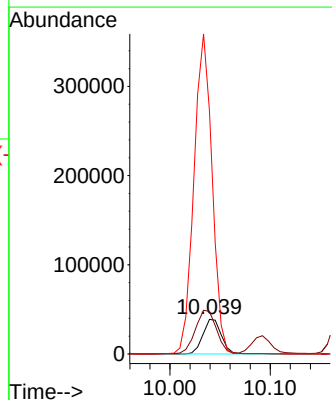
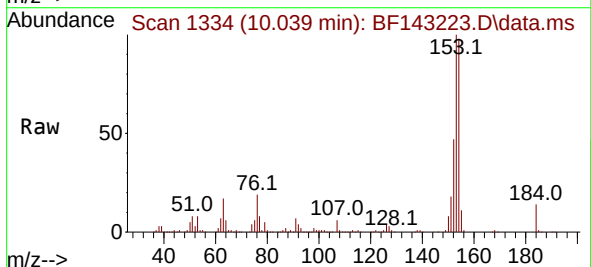
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

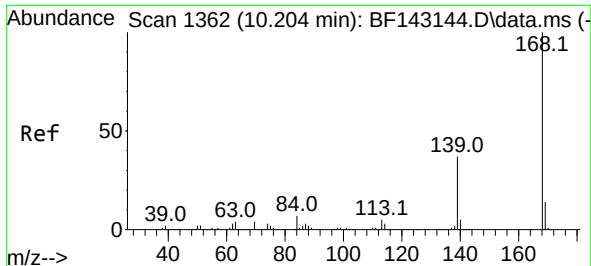
Tgt Ion:138 Resp: 124866
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 116.6 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 43.239 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:184 Resp: 49816
Ion Ratio Lower Upper
184 100
63 123.1 81.8 122.6#
154 701.5 412.2 618.4#

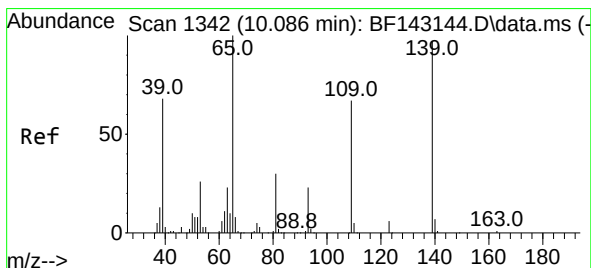
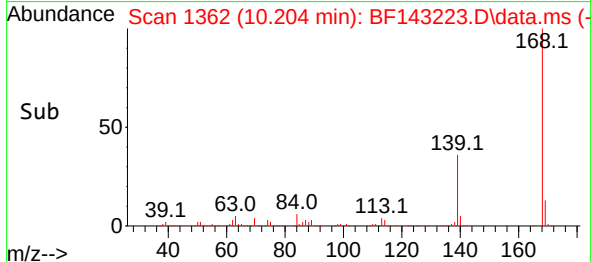
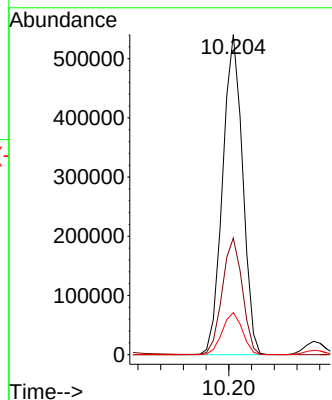
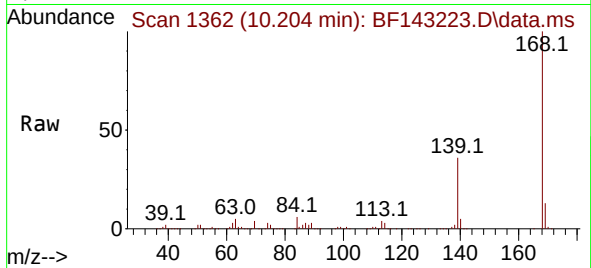




#55
Dibenzofuran
Concen: 37.458 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

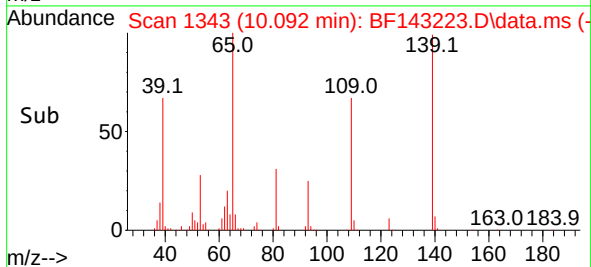
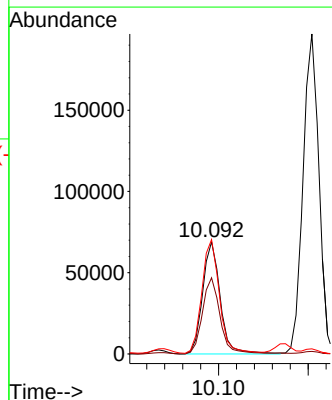
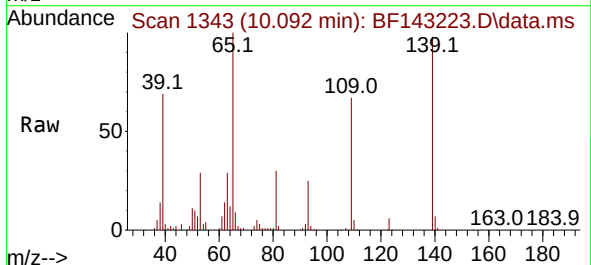
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

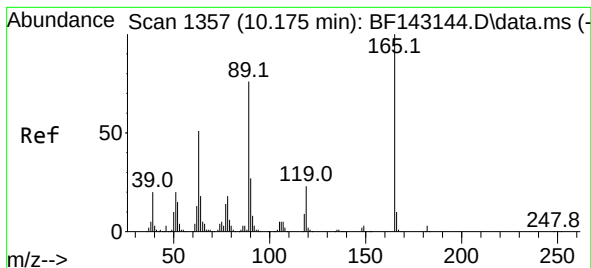
Tgt Ion:168 Resp: 660667
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 39.042 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:139 Resp: 93943
Ion Ratio Lower Upper
139 100
109 67.9 48.5 88.5
65 101.9 83.4 123.4

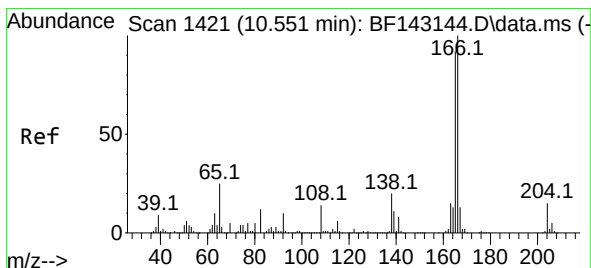
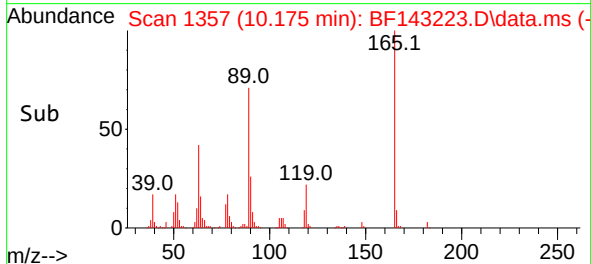
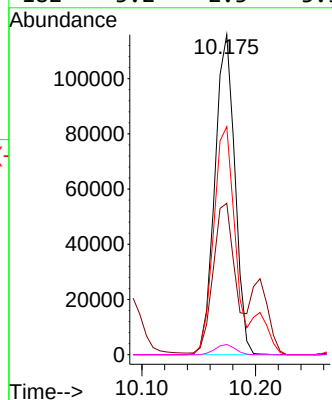
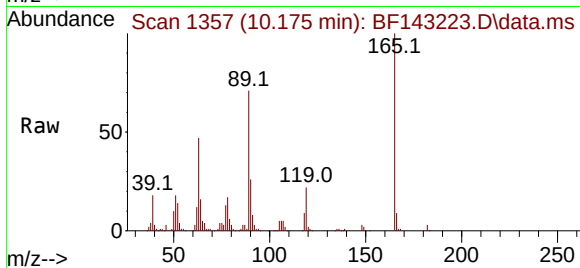




#57
2,4-Dinitrotoluene
Concen: 41.116 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

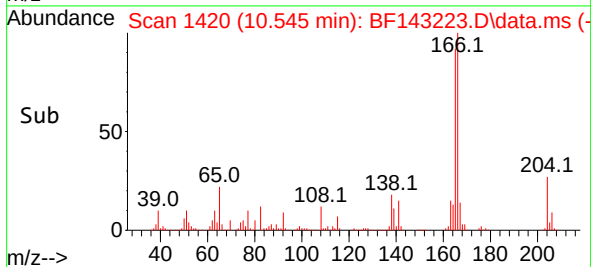
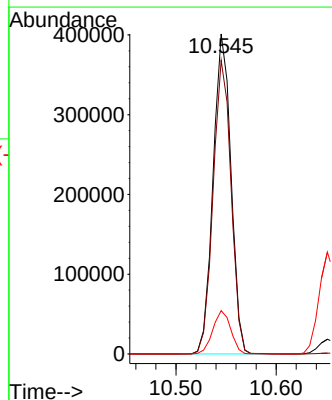
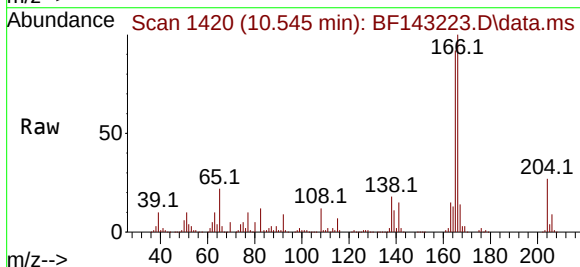
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

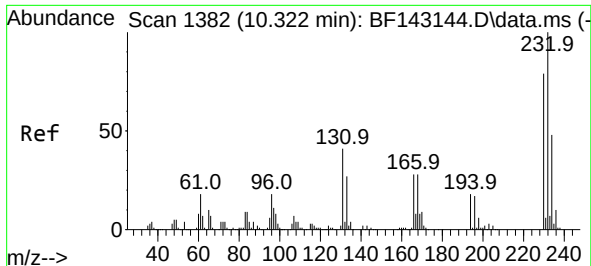
Tgt Ion:165 Resp: 142108
Ion Ratio Lower Upper
165 100
63 47.3 41.0 61.4
89 71.3 61.1 91.7
182 3.2 2.3 3.5



#58
Fluorene
Concen: 37.532 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:166 Resp: 496825
Ion Ratio Lower Upper
166 100
165 91.8 73.7 110.5
167 13.6 10.6 16.0

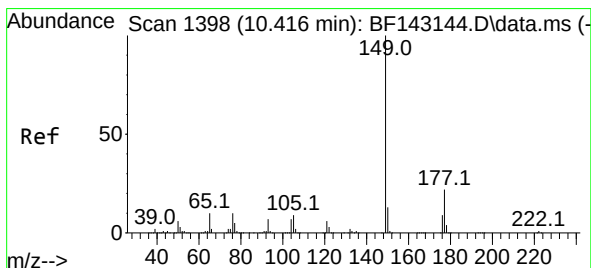
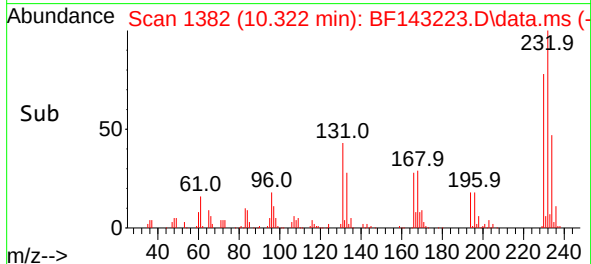
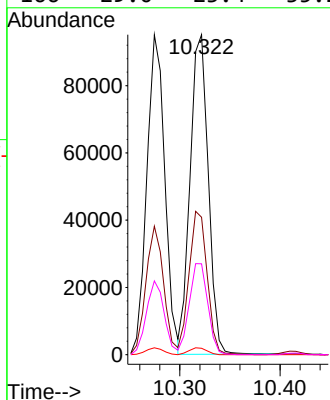
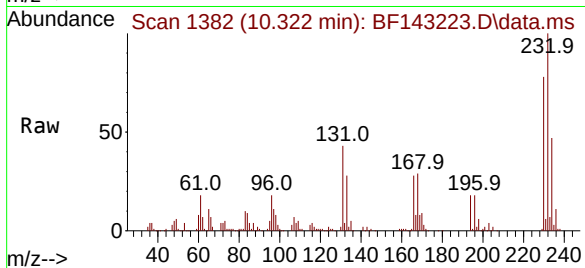




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.766 ng
RT: 10.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

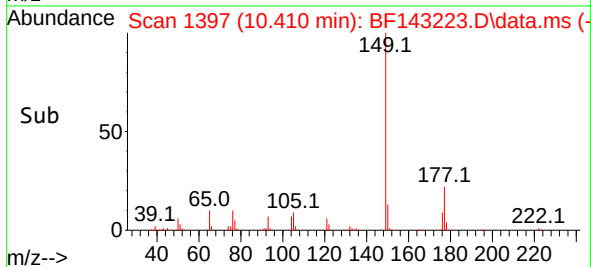
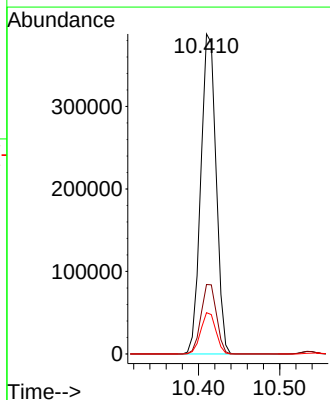
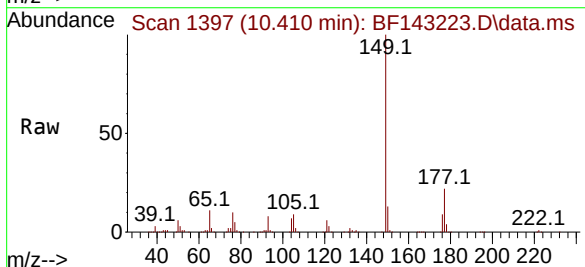
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

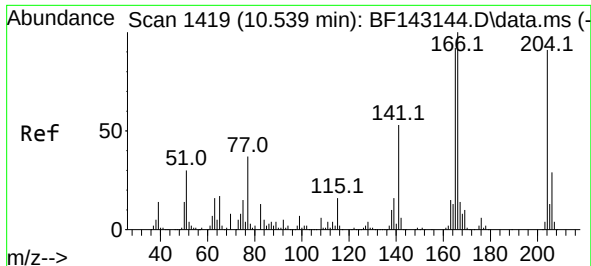
Tgt Ion:232 Resp: 119588
Ion Ratio Lower Upper
232 100
131 44.7 35.3 52.9
130 2.1 1.7 2.5
166 29.0 23.4 35.2



#60
Diethylphthalate
Concen: 37.872 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:149 Resp: 506919
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.9 10.2 15.2

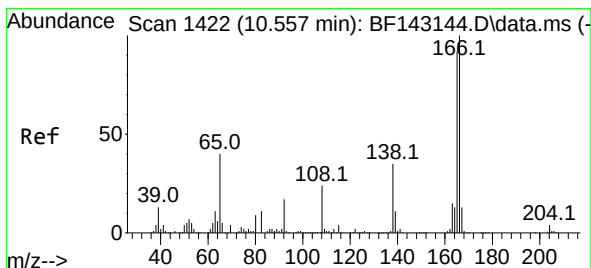
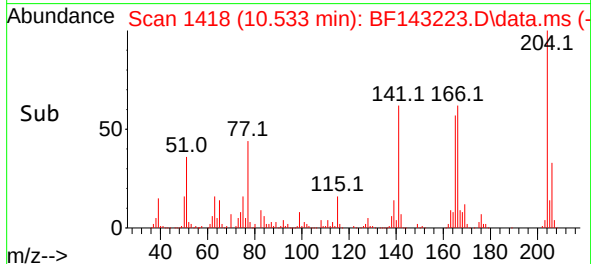
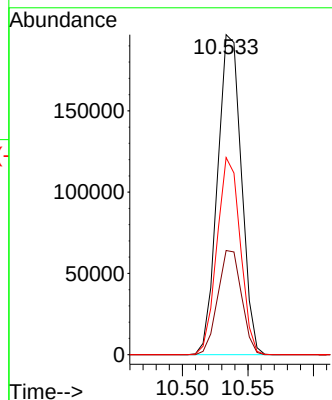
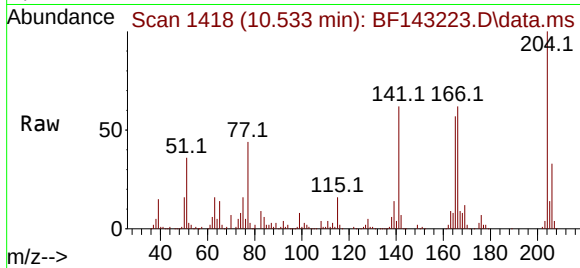




#61
4-Chlorophenyl-phenylether
Concen: 37.718 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

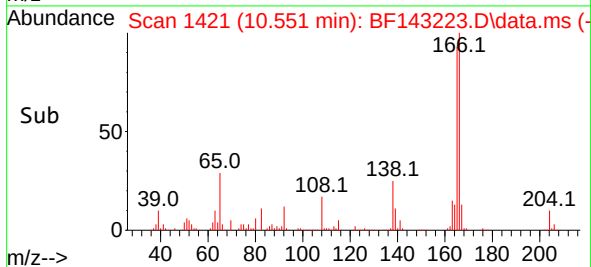
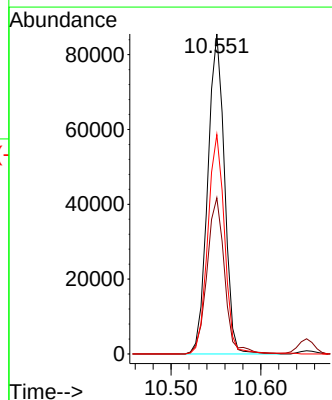
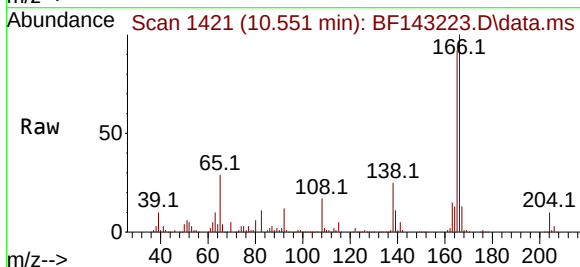
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

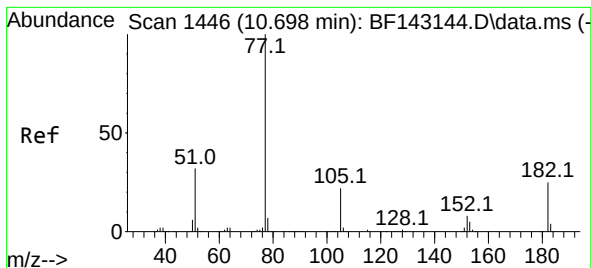
Tgt Ion:204 Resp: 248613
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 61.6 47.0 70.4



#62
4-Nitroaniline
Concen: 40.129 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:138 Resp: 110823
Ion Ratio Lower Upper
138 100
92 48.8 29.3 69.3
108 68.6 48.3 88.3





#63

Azobenzene

Concen: 36.712 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 512140

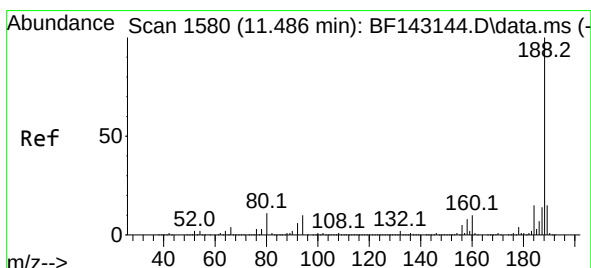
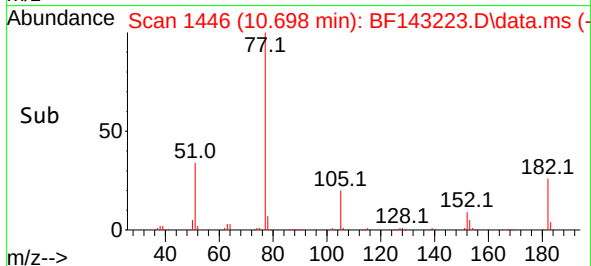
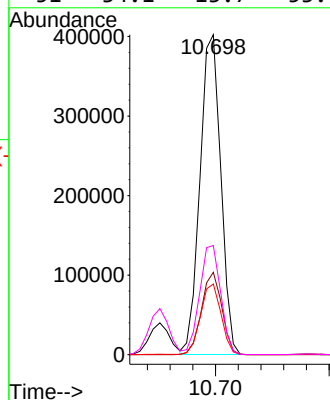
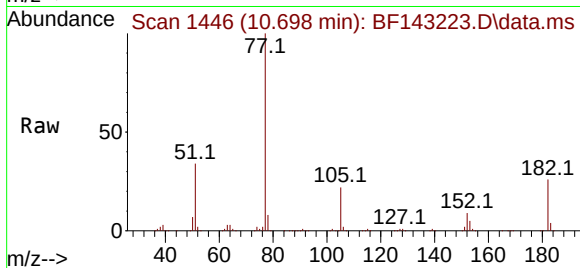
Ion Ratio Lower Upper

77 100

182 25.8 4.6 44.6

105 22.1 1.4 41.4

51 34.1 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

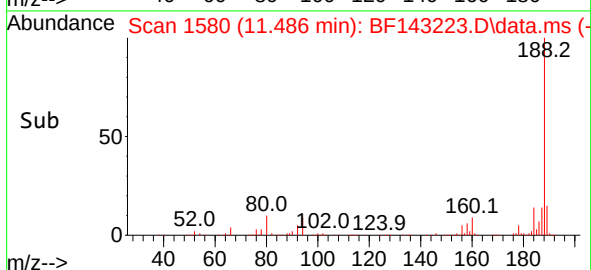
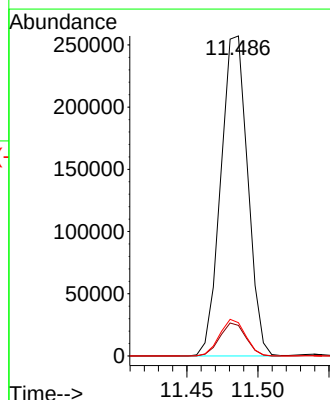
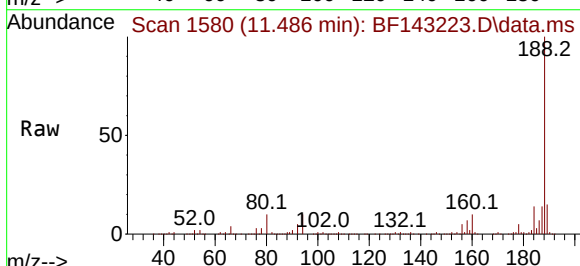
Tgt Ion:188 Resp: 339055

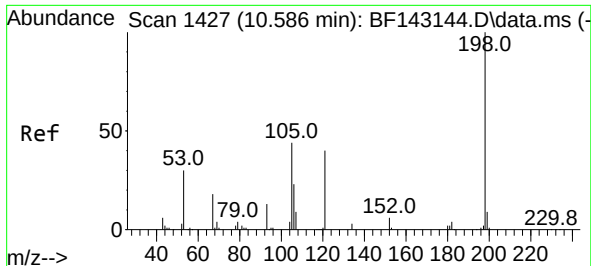
Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.4 9.0 13.6

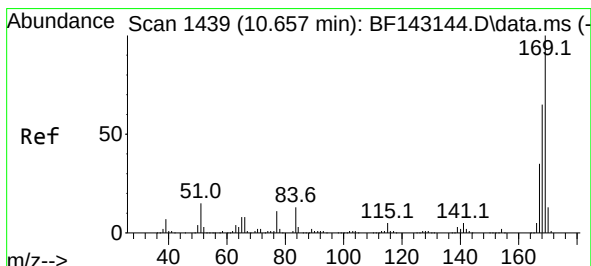
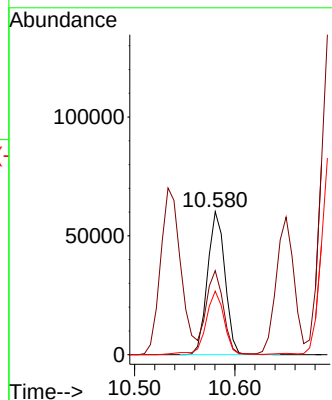
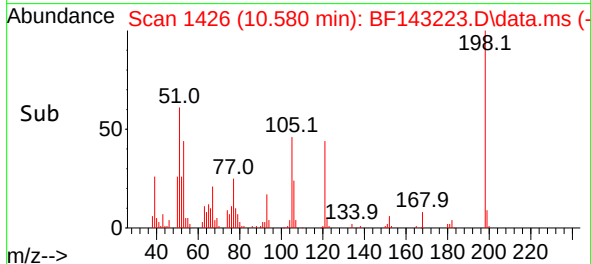
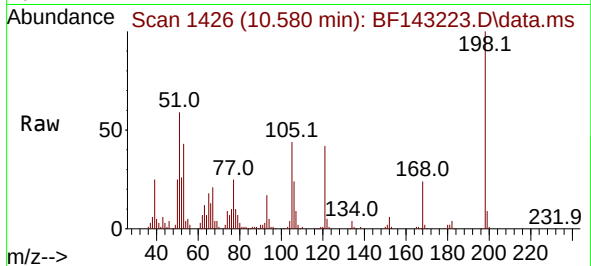




#65
4,6-Dinitro-2-methylphenol
Concen: 41.860 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

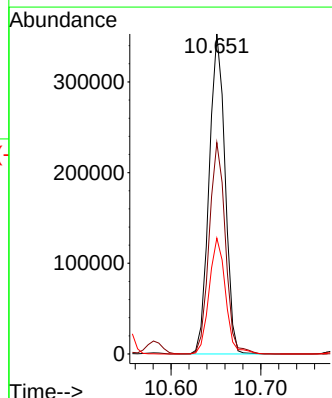
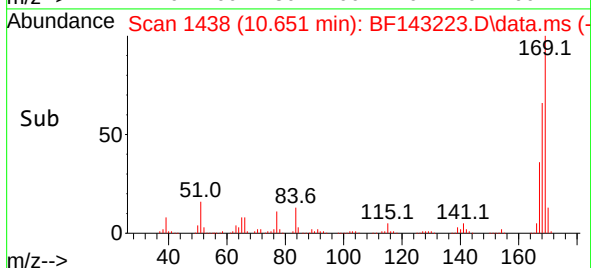
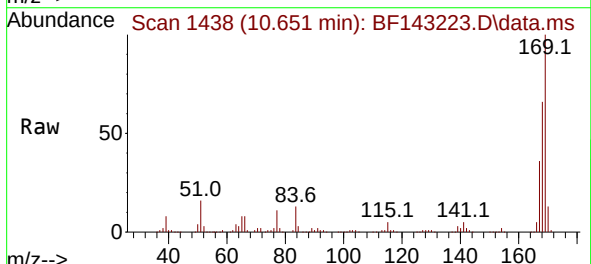
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

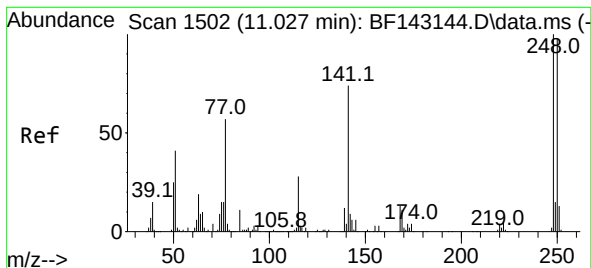
Tgt Ion:198 Resp: 73016
Ion Ratio Lower Upper
198 100
51 58.7 37.2 77.2
105 44.4 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 36.334 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:169 Resp: 433801
Ion Ratio Lower Upper
169 100
168 66.0 52.1 78.1
167 36.2 28.2 42.2

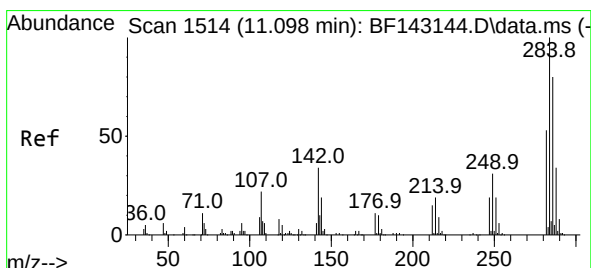
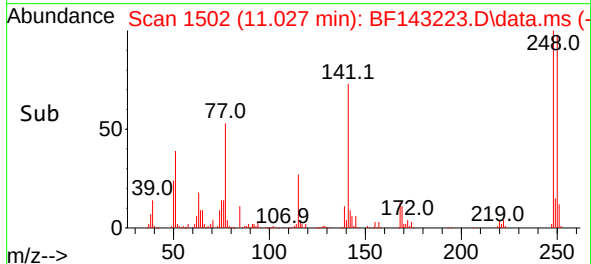
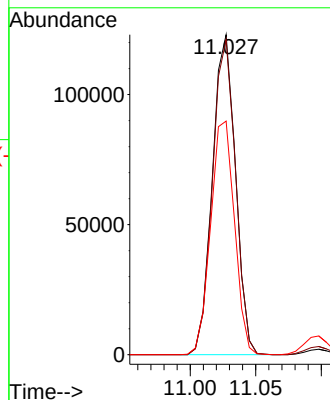
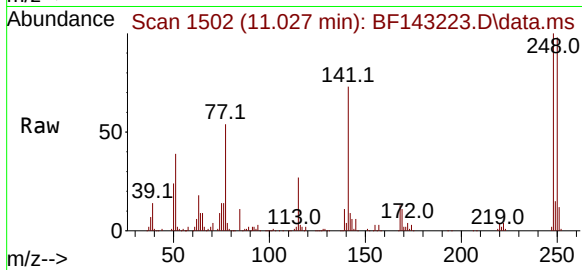




#67
4-Bromophenyl-phenylether
Concen: 37.339 ng
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

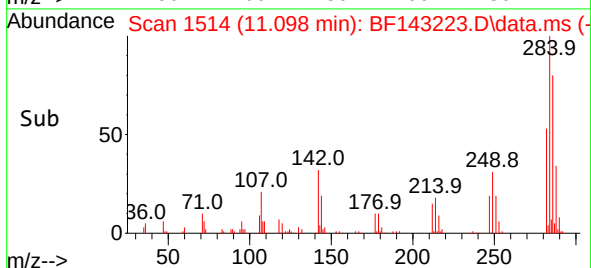
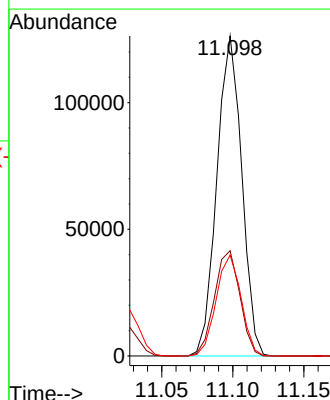
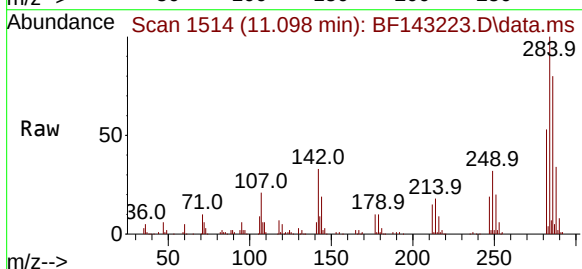
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

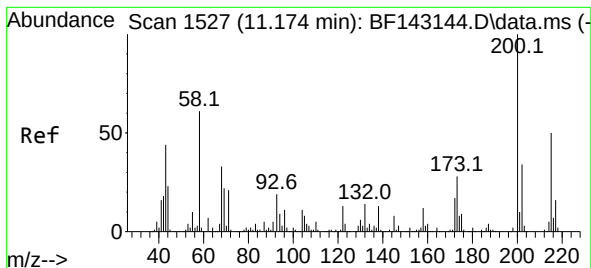
Tgt Ion:248 Resp: 150872
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 73.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 36.398 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:284 Resp: 153720
Ion Ratio Lower Upper
284 100
142 32.9 27.0 40.6
249 31.6 25.0 37.6





#69

Atrazine

Concen: 39.267 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

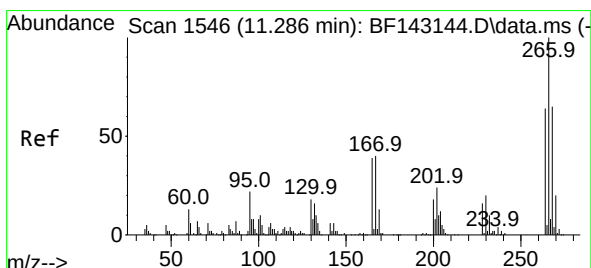
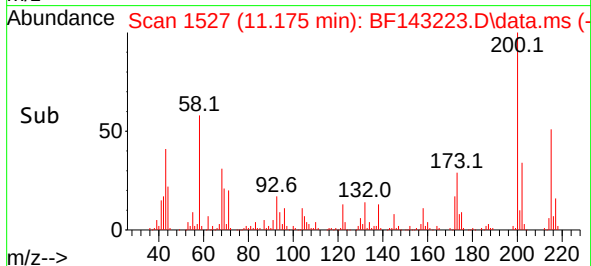
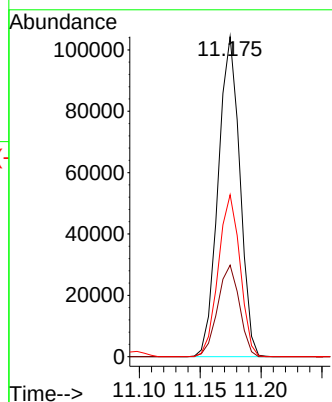
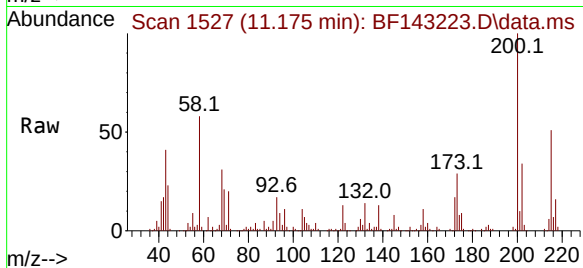
Tgt Ion:200 Resp: 129249

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 50.6 30.1 70.1



#70

Pentachlorophenol

Concen: 36.600 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

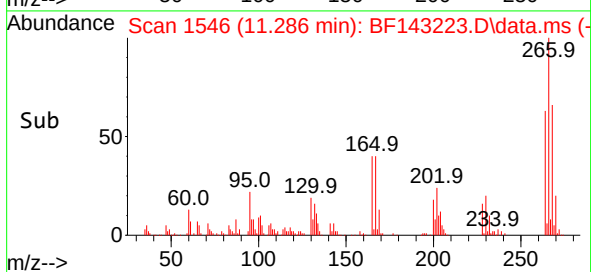
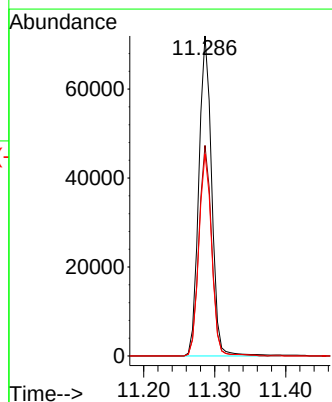
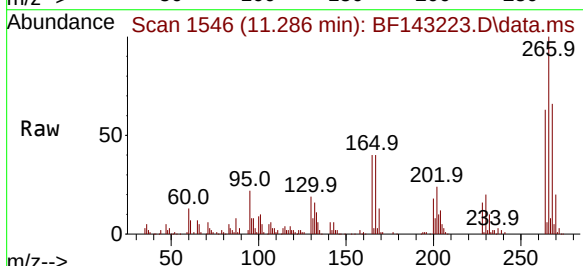
Tgt Ion:266 Resp: 90901

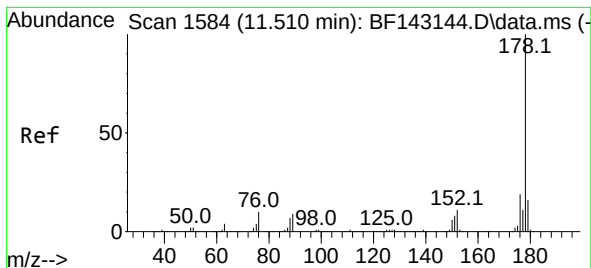
Ion Ratio Lower Upper

266 100

268 65.8 51.9 77.9

264 63.2 51.0 76.6





#71

Phenanthrene

Concen: 37.142 ng

RT: 11.510 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

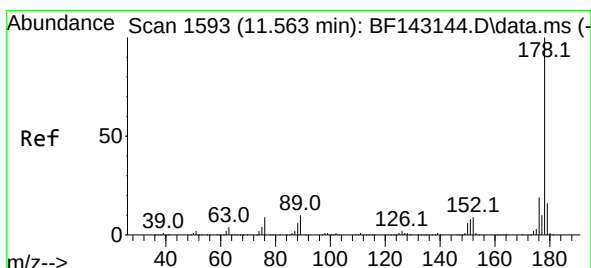
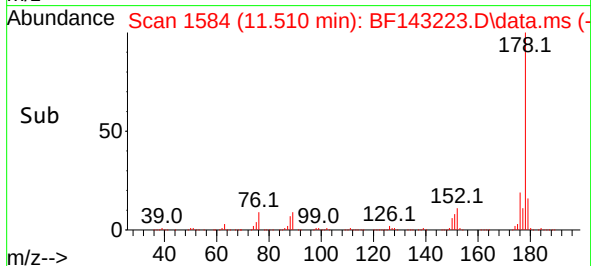
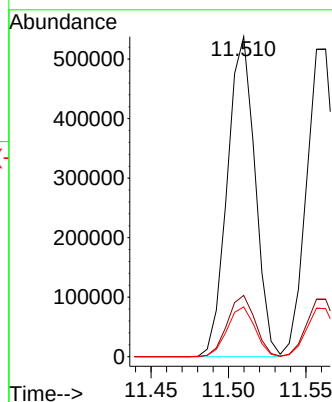
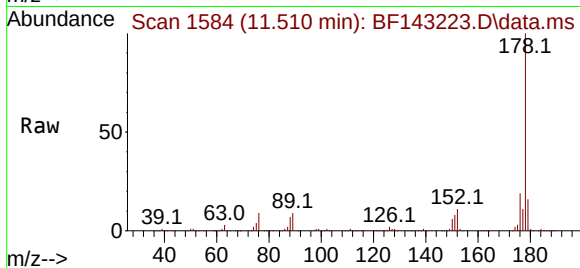
Tgt Ion:178 Resp: 668653

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 36.851 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

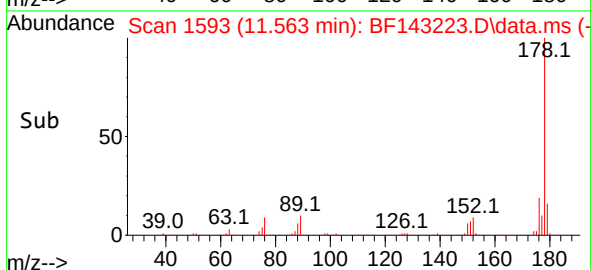
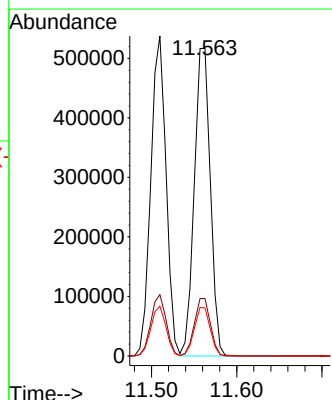
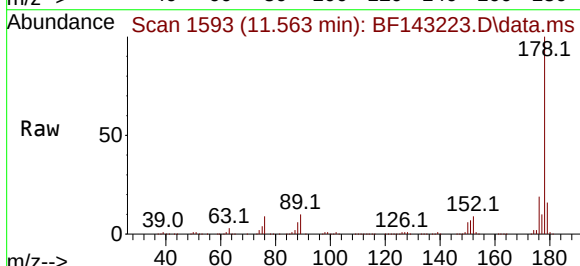
Tgt Ion:178 Resp: 676610

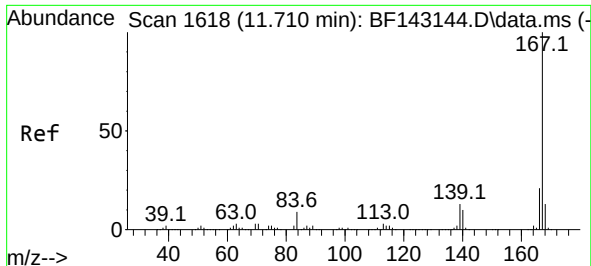
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.5 18.7

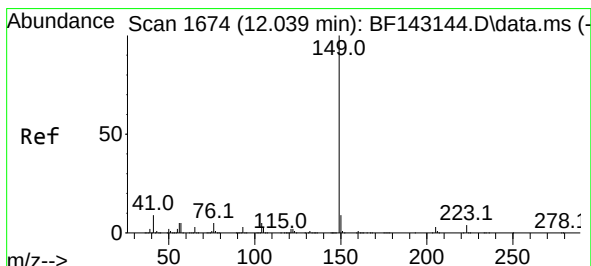
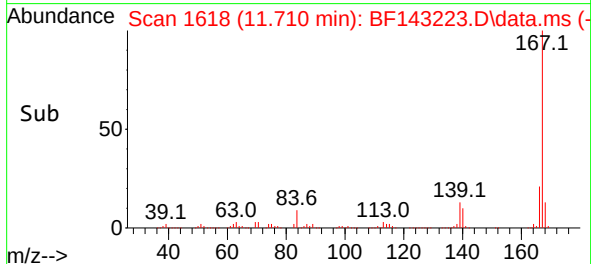
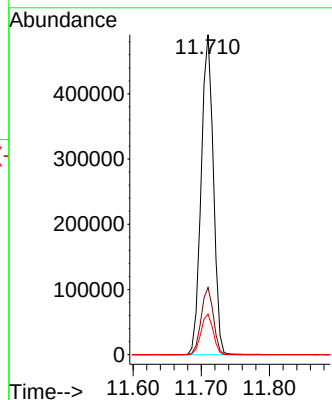
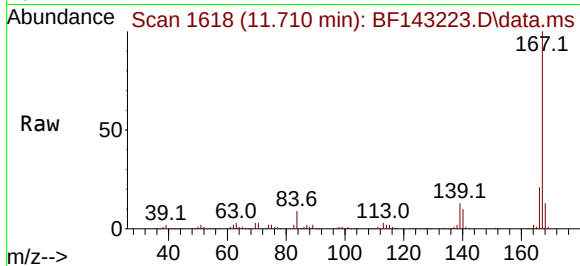




#73
 Carbazole
 Concen: 38.106 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

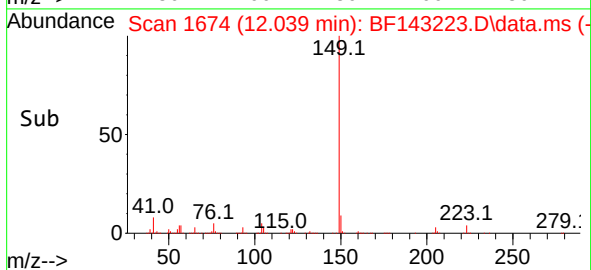
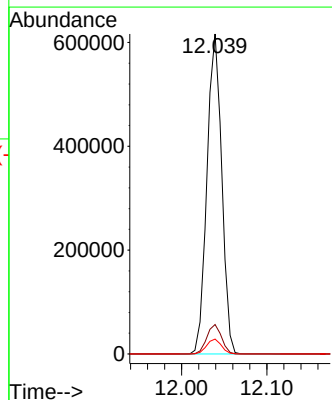
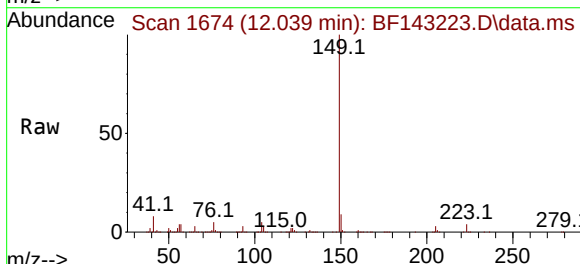
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

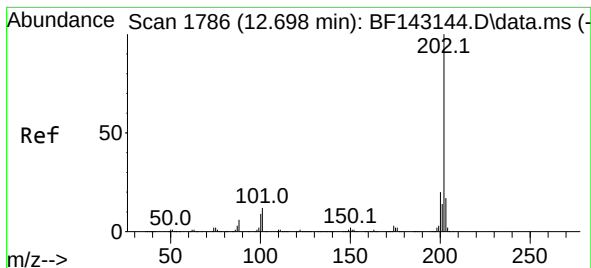
Tgt Ion:167 Resp: 610945
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.828 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

Tgt Ion:149 Resp: 740660
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 39.987 ng

RT: 12.698 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

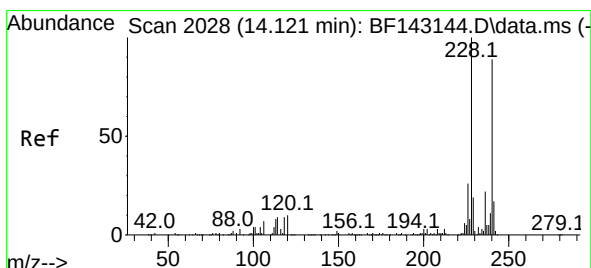
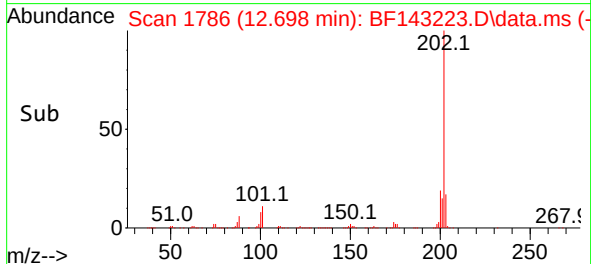
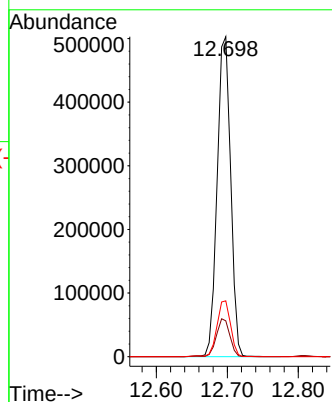
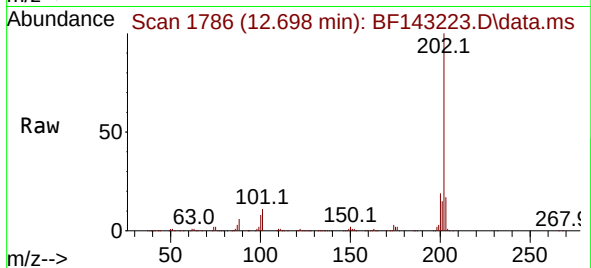
Tgt Ion:202 Resp: 660752

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

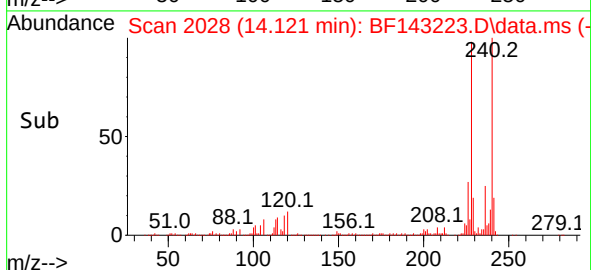
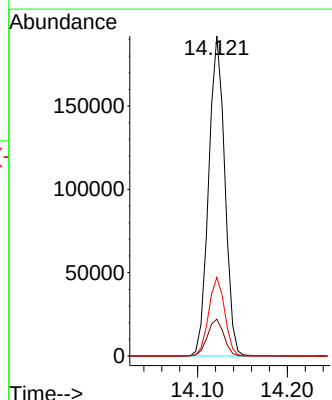
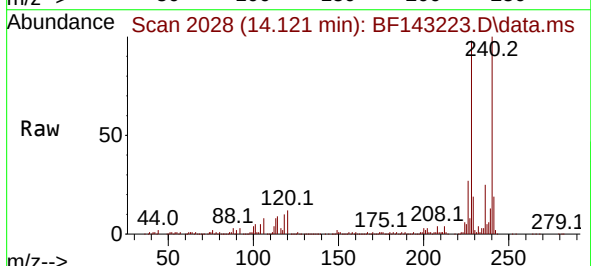
Tgt Ion:240 Resp: 239429

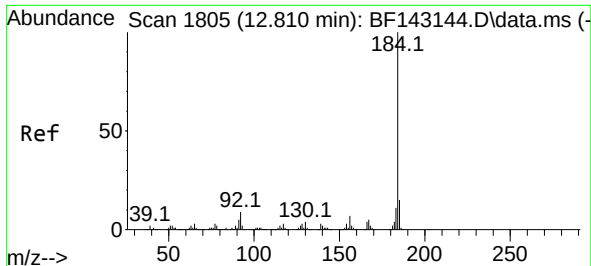
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 24.6 20.2 30.4

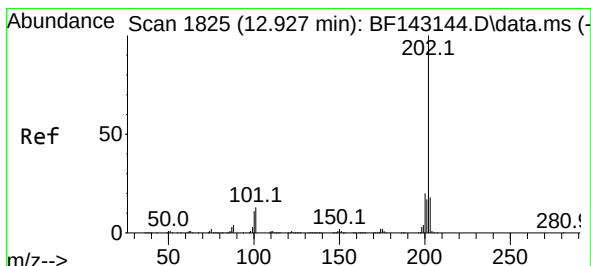
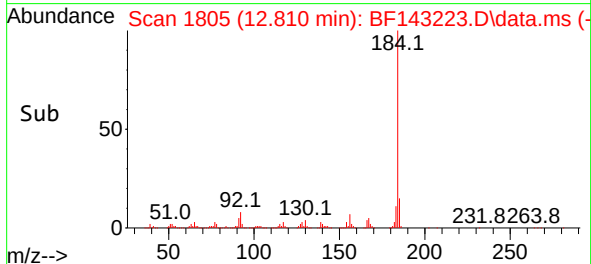
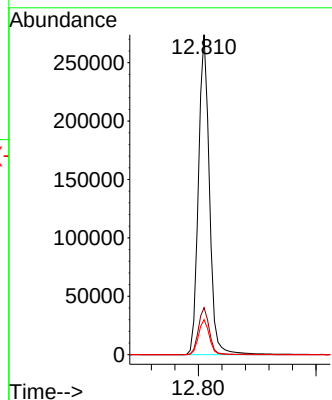
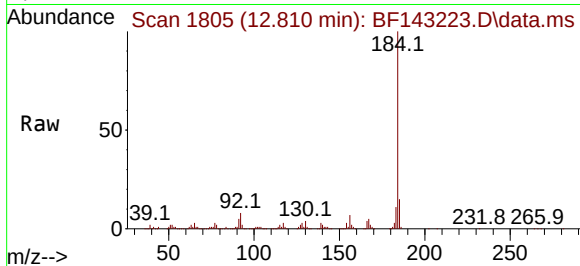




#77
Benzidine
Concen: 38.413 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

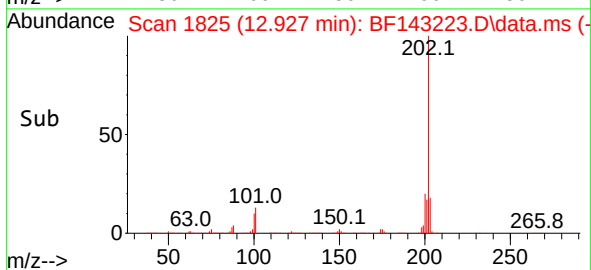
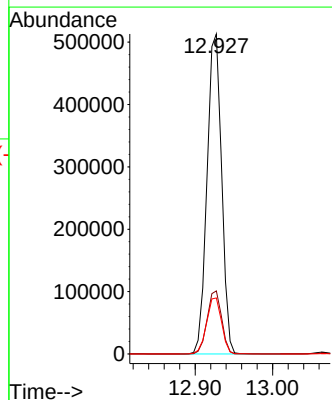
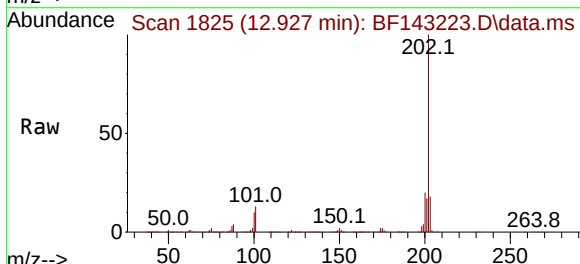
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

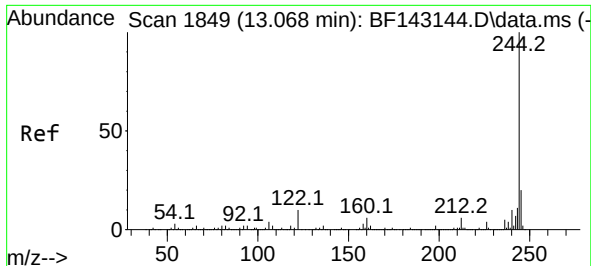
Tgt Ion:184 Resp: 354342
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 32.766 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:202 Resp: 669545
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.5 14.2 21.2

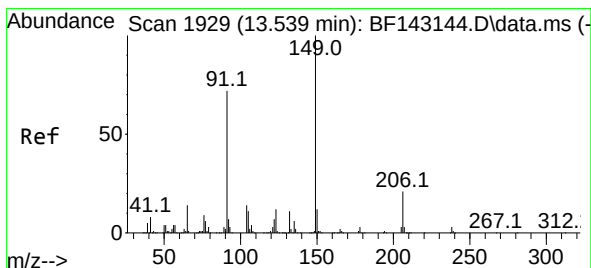
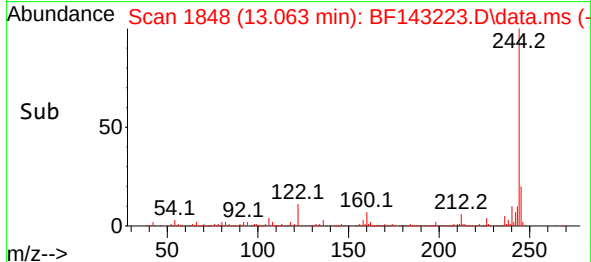
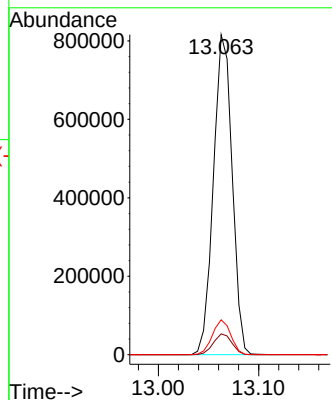
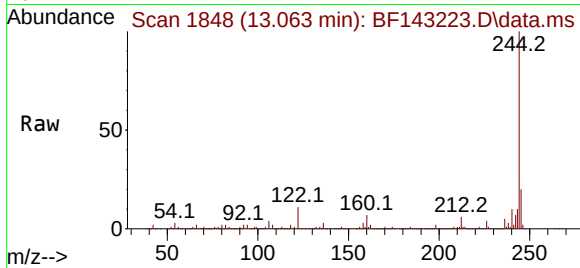




#79
 Terphenyl-d14
 Concen: 65.836 ng
 RT: 13.063 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

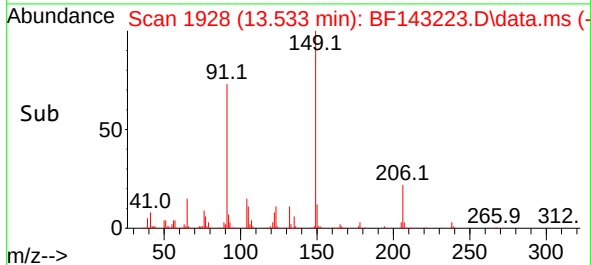
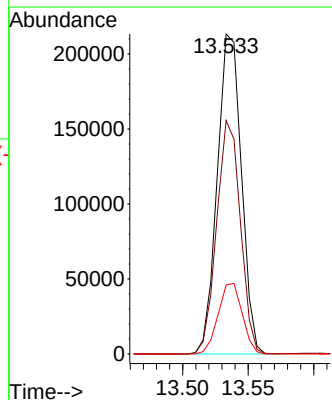
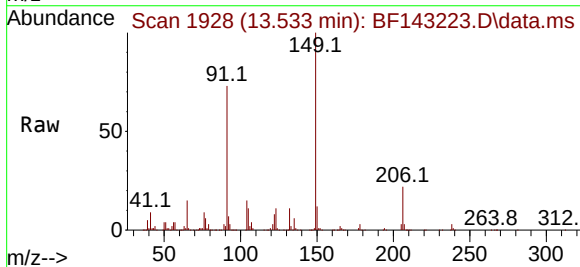
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

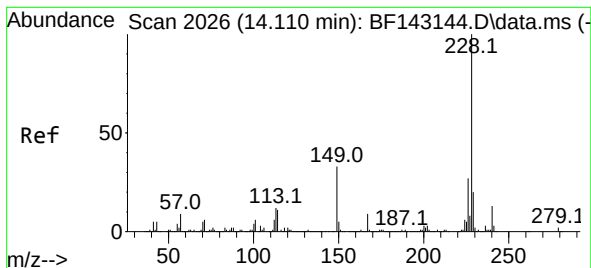
Tgt Ion:244 Resp: 1059262
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.658 ng
 RT: 13.533 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF143223.D
 Acq: 24 Jul 2025 10:00

Tgt Ion:149 Resp: 273177
 Ion Ratio Lower Upper
 149 100
 91 72.9 57.9 86.9
 206 21.5 17.0 25.4





#81

Benzo(a)anthracene

Concen: 35.757 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

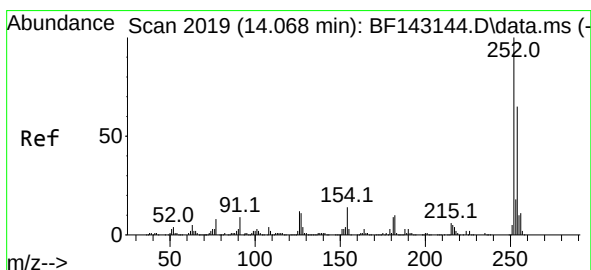
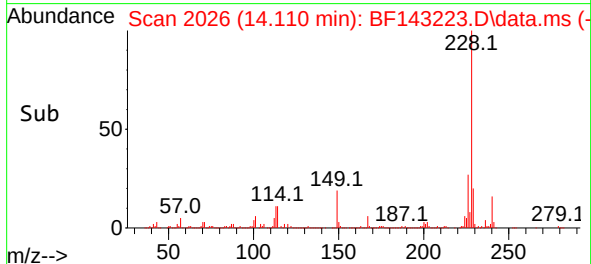
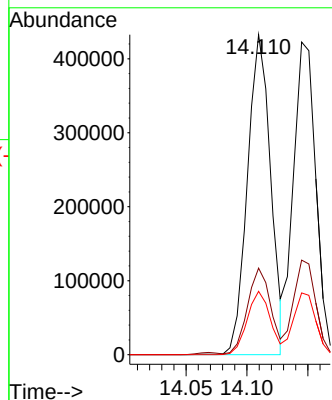
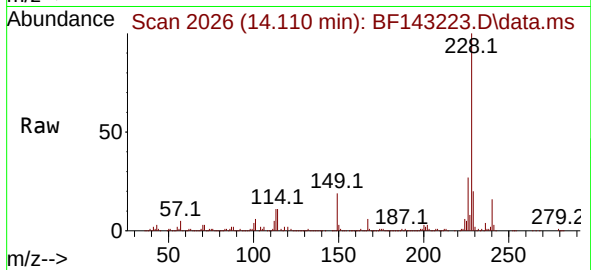
Tgt Ion:228 Resp: 573171

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.223 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

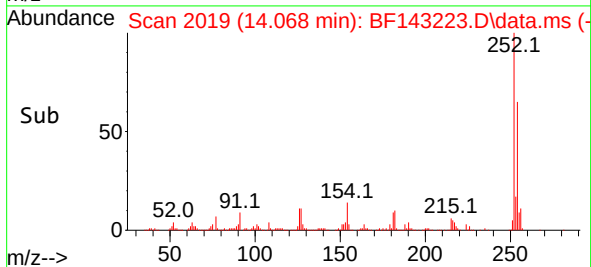
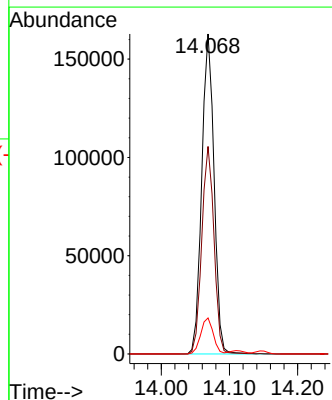
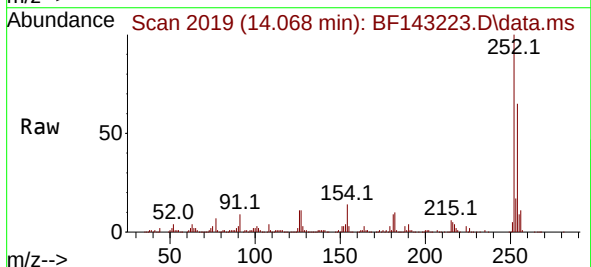
Tgt Ion:252 Resp: 204209

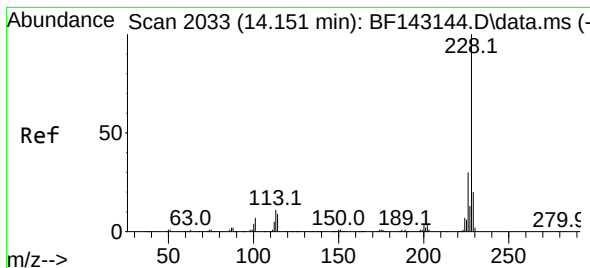
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 11.3 9.4 14.0





#83

Chrysene

Concen: 37.658 ng

RT: 14.145 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

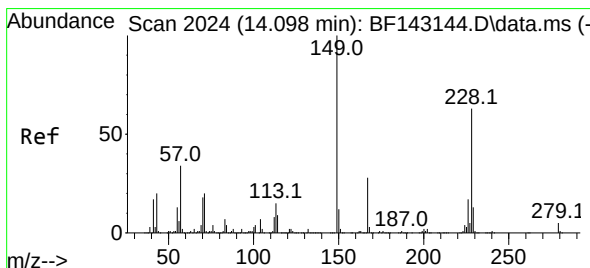
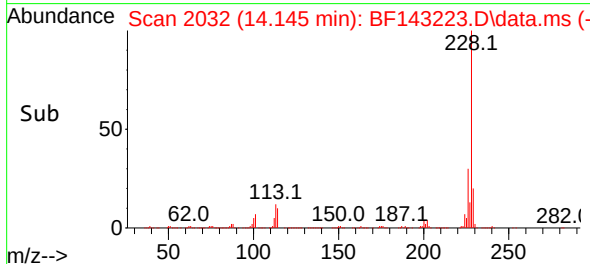
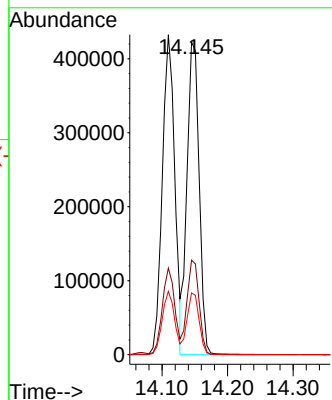
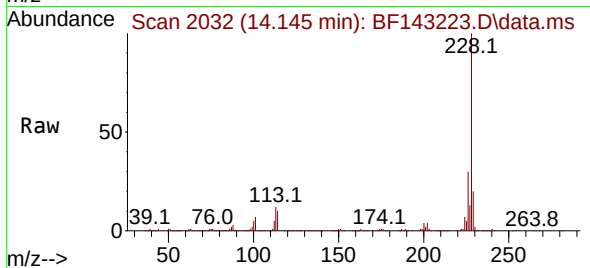
Tgt Ion:228 Resp: 542734

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.379 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

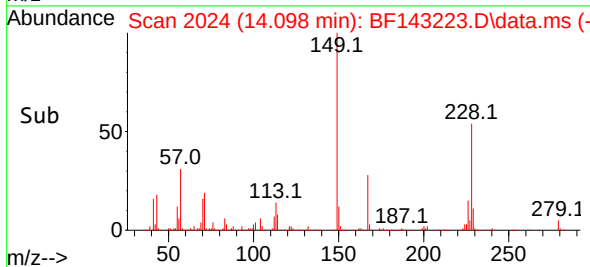
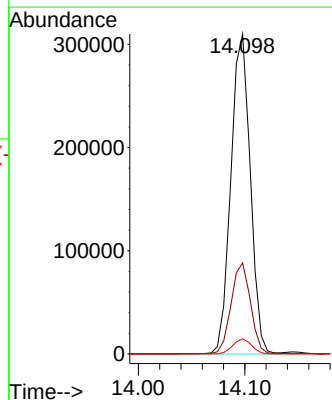
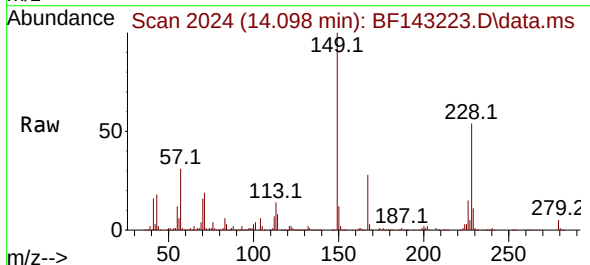
Tgt Ion:149 Resp: 391891

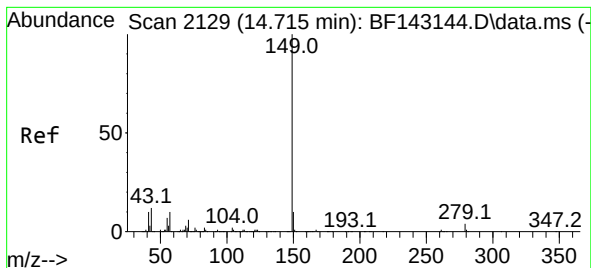
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.906 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

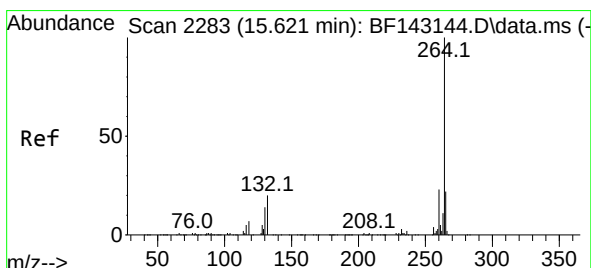
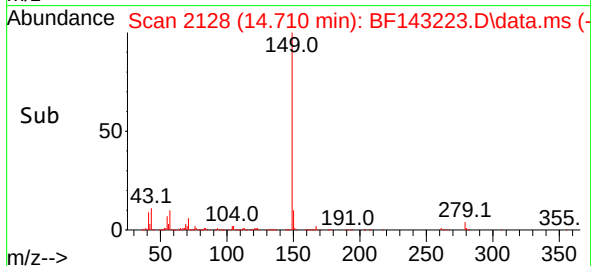
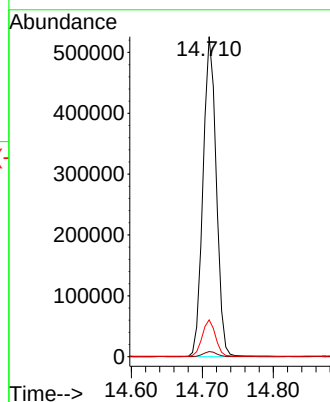
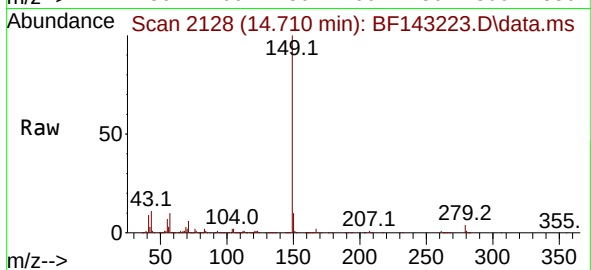
Tgt Ion:149 Resp: 685070

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.3 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

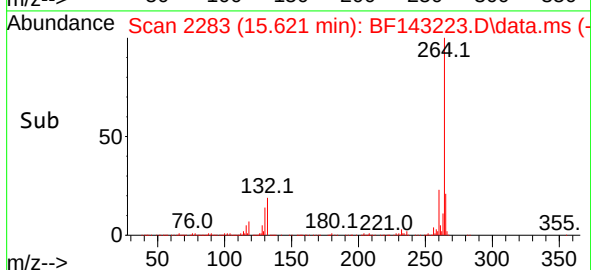
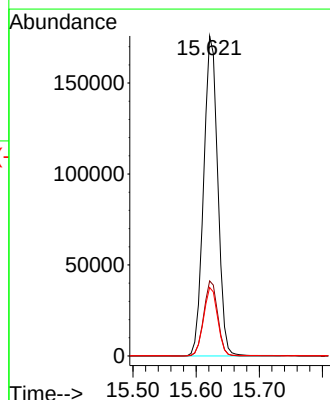
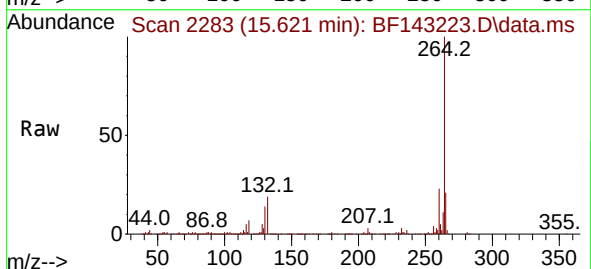
Tgt Ion:264 Resp: 272622

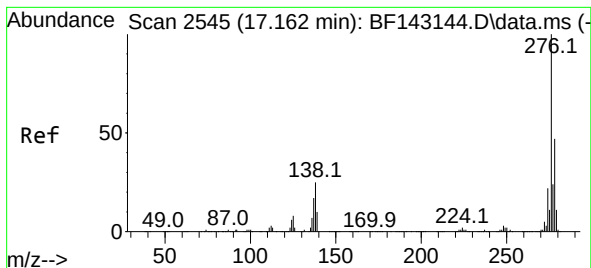
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.173 ng

RT: 17.162 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

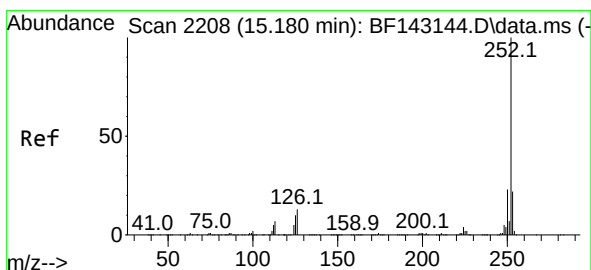
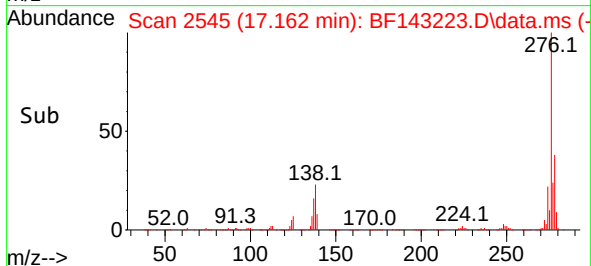
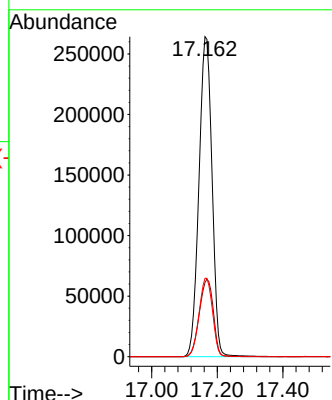
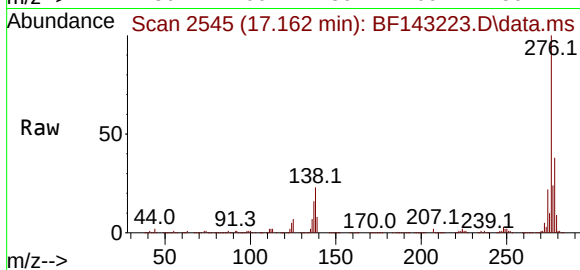
Tgt Ion:276 Resp: 733829

Ion Ratio Lower Upper

276 100

138 25.7 21.8 32.6

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 35.737 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

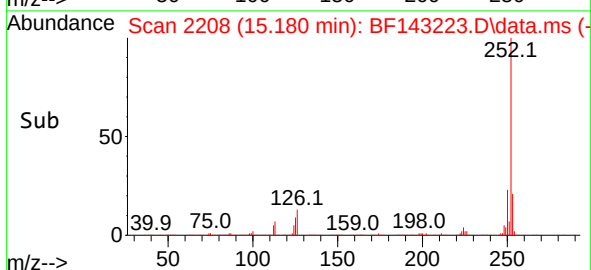
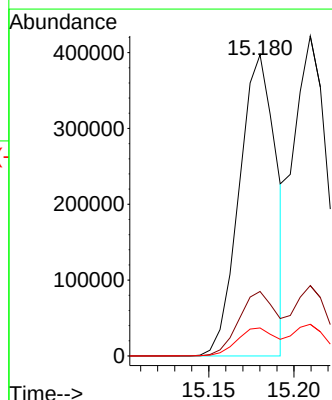
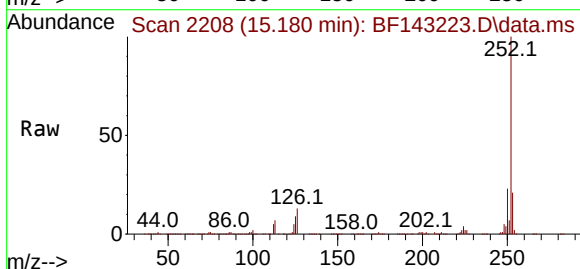
Tgt Ion:252 Resp: 595194

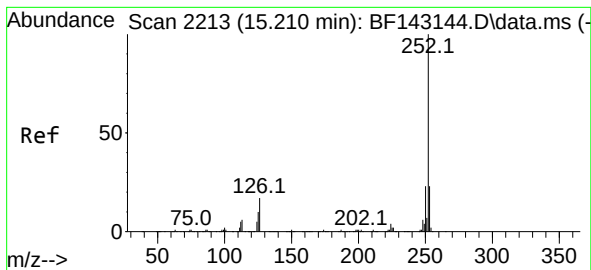
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.218 ng

RT: 15.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

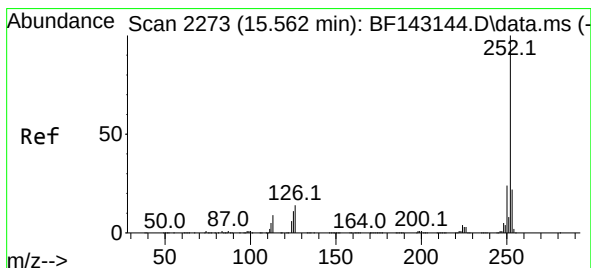
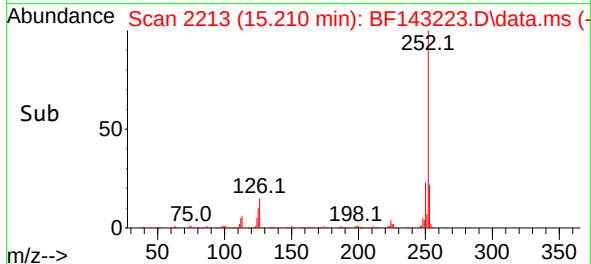
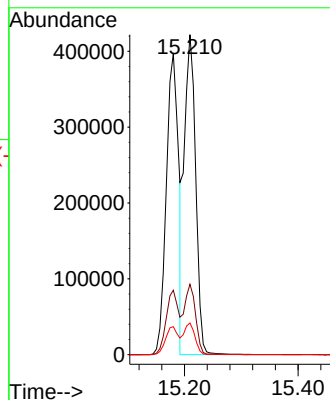
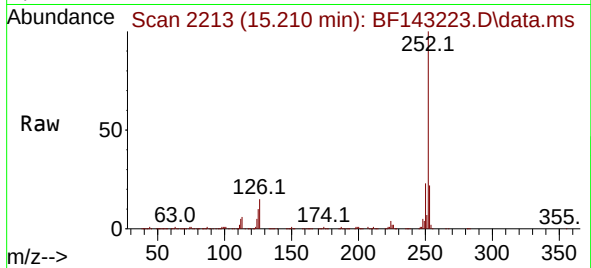
Tgt Ion:252 Resp: 582858

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 37.574 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF143223.D

Acq: 24 Jul 2025 10:00

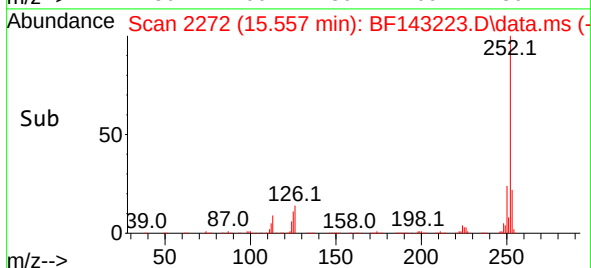
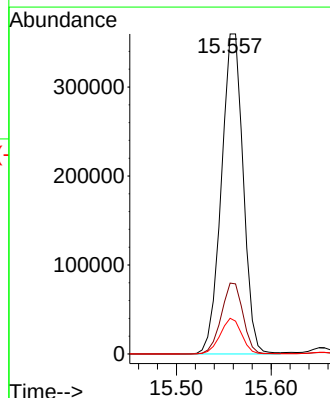
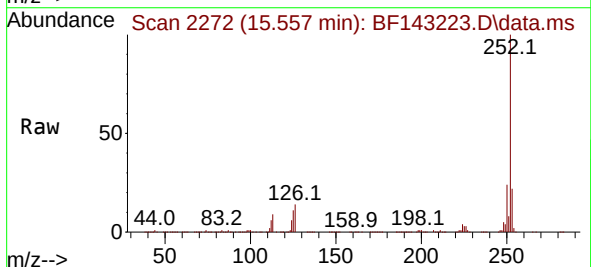
Tgt Ion:252 Resp: 576570

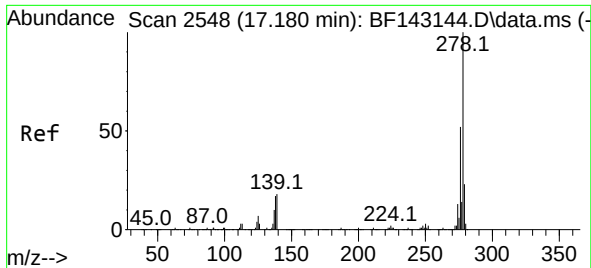
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.2 8.6 13.0

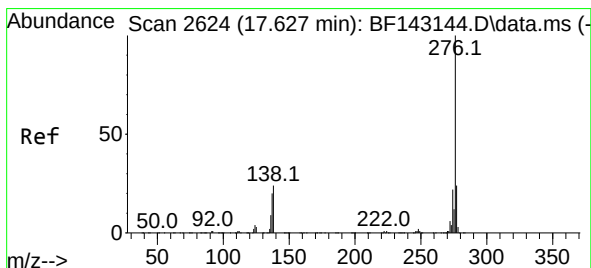
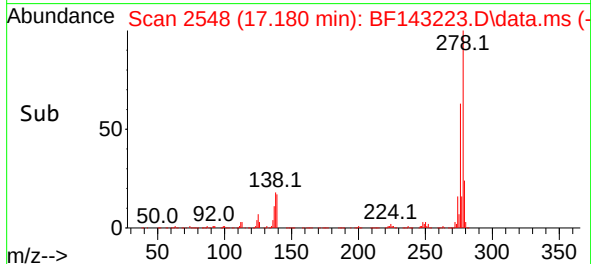
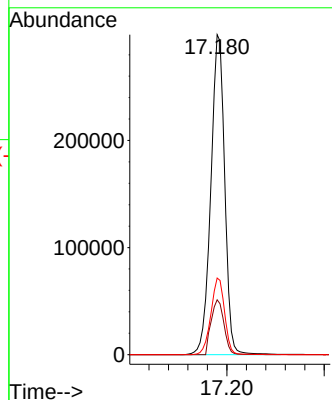
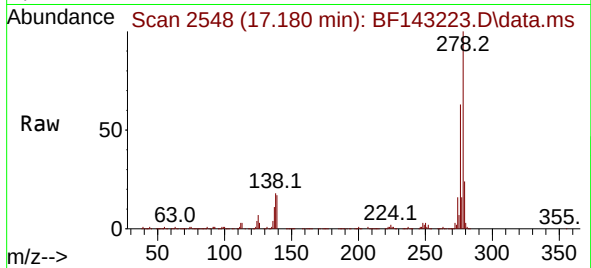




#91
Dibenzo(a,h)anthracene
Concen: 37.687 ng
RT: 17.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 589676
Ion Ratio Lower Upper
278 100
139 17.1 14.1 21.1
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 38.670 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143223.D
Acq: 24 Jul 2025 10:00

Tgt Ion:276 Resp: 585287
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 22.2 18.9 28.3

