

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143596.D
 Acq On : 27 Aug 2025 09:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 27 11:28:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	115923	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	446099	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	249607	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	402587	20.000	ng	0.00
76) Chrysene-d12	14.051	240	235836	20.000	ng	0.00
86) Perylene-d12	15.521	264	227679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556461	81.699	ng	0.00
7) Phenol-d6	6.510	99	683534	81.026	ng	0.00
23) Nitrobenzene-d5	7.457	82	568123	90.932	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	181203	92.831	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1155930	79.179	ng	0.00
79) Terphenyl-d14	12.998	244	1144918	87.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	133978	40.208	ng	98
3) Pyridine	3.440	79	358456	42.840	ng	97
4) n-Nitrosodimethylamine	3.387	42	154787	38.876	ng	95
6) Aniline	6.557	93	478803	40.656	ng	99
8) 2-Chlorophenol	6.675	128	300149	41.653	ng	98
9) Benzaldehyde	6.445	77	290282	45.731	ng	99
10) Phenol	6.522	94	409070	43.236	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	291150	40.158	ng	98
12) 1,3-Dichlorobenzene	6.834	146	338512	40.896	ng	99
13) 1,4-Dichlorobenzene	6.910	146	335275	40.170	ng	99
14) 1,2-Dichlorobenzene	7.063	146	318980	40.291	ng	99
15) Benzyl Alcohol	7.028	79	262507	41.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	507766	37.942	ng	99
17) 2-Methylphenol	7.134	107	247155	40.402	ng	99
18) Hexachloroethane	7.410	117	112931	42.583	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	212079	39.684	ng	98
20) 3+4-Methylphenols	7.287	107	317550	42.265	ng	91
22) Acetophenone	7.298	105	402494	40.063	ng	98
24) Nitrobenzene	7.475	77	312890	46.712	ng	99
25) Isophorone	7.710	82	588016	40.217	ng	100
26) 2-Nitrophenol	7.787	139	121681	45.257	ng	99
27) 2,4-Dimethylphenol	7.816	122	264156	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	358118	40.484	ng	100
29) 2,4-Dichlorophenol	8.022	162	262199	42.779	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	264008	41.254	ng	99
31) Naphthalene	8.198	128	875202	40.607	ng	99
32) Benzoic acid	7.910	122	137557	43.721	ng	96
33) 4-Chloroaniline	8.239	127	314477	41.301	ng	99
34) Hexachlorobutadiene	8.316	225	165584	41.062	ng	99
35) Caprolactam	8.610	113	77172	44.319	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	270157	42.159	ng	99
37) 2-Methylnaphthalene	8.886	142	580714	40.799	ng	99
38) 1-Methylnaphthalene	8.986	142	562020	40.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	264898	40.801	ng	98
41) Hexachlorocyclopentadiene	9.039	237	137223	42.964	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	179121	41.751	ng	99

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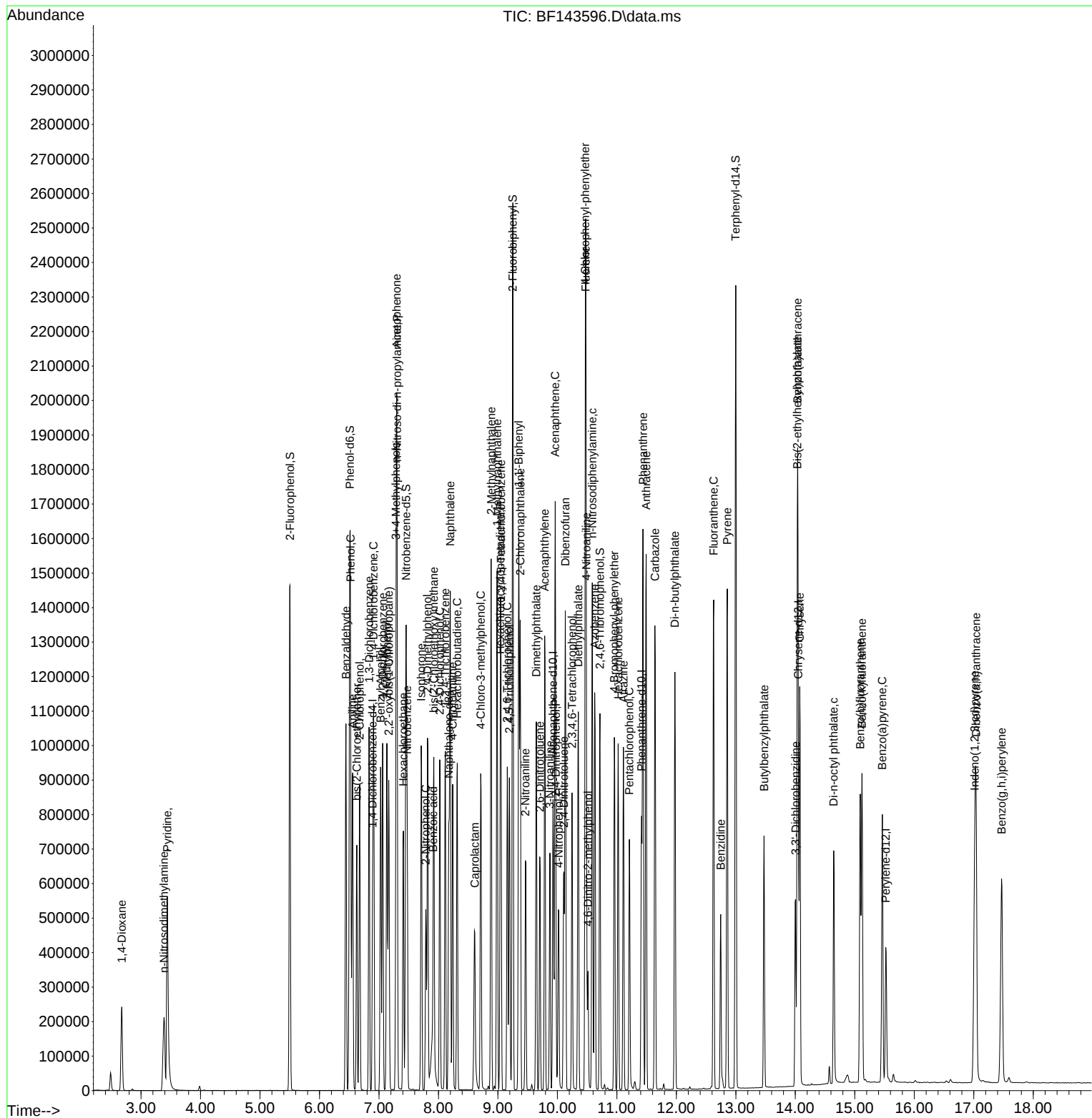
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	193124	44.549	ng	99
46) 1,1'-Biphenyl	9.351	154	686435	39.634	ng	99
47) 2-Chloronaphthalene	9.375	162	555641	40.613	ng	99
48) 2-Nitroaniline	9.463	65	163988	43.589	ng	98
49) Acenaphthylene	9.786	152	809737	40.678	ng	99
50) Dimethylphthalate	9.645	163	636027	41.427	ng	100
51) 2,6-Dinitrotoluene	9.704	165	114167	44.643	ng	99
52) Acenaphthene	9.963	154	532271	40.821	ng	99
53) 3-Nitroaniline	9.875	138	136751	45.175	ng	# 98
54) 2,4-Dinitrophenol	9.975	184	34191	45.529	ng	# 27
55) Dibenzofuran	10.133	168	779941	40.798	ng	99
56) 4-Nitrophenol	10.022	139	109464	43.975	ng	98
57) 2,4-Dinitrotoluene	10.110	165	153817	45.684	ng	97
58) Fluorene	10.475	166	572204	39.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	148295	46.269	ng	99
60) Diethylphthalate	10.351	149	607854	42.247	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	282649	40.265	ng	99
62) 4-Nitroaniline	10.486	138	131575	46.227	ng	98
63) Azobenzene	10.628	77	598241	41.009	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	59083	45.069	ng	92
66) n-Nitrosodiphenylamine	10.586	169	510385	39.857	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	176974	40.641	ng	96
68) Hexachlorobenzene	11.022	284	190212	40.837	ng	97
69) Atrazine	11.110	200	158566	43.078	ng	100
70) Pentachlorophenol	11.210	266	118542	44.544	ng	100
71) Phenanthrene	11.439	178	859003	39.851	ng	100
72) Anthracene	11.492	178	873931	40.232	ng	100
73) Carbazole	11.639	167	777810	41.423	ng	99
74) Di-n-butylphthalate	11.975	149	863394	45.144	ng	100
75) Fluoranthene	12.627	202	826266	41.982	ng	98
77) Benzidine	12.745	184	267324	49.234	ng	99
78) Pyrene	12.857	202	842894	42.706	ng	100
80) Butylbenzylphthalate	13.474	149	232746	42.234	ng	98
81) Benzo(a)anthracene	14.039	228	602700	40.621	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	171725	43.169	ng	98
83) Chrysene	14.074	228	579917	41.939	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	279680	39.368	ng	99
85) Di-n-octyl phthalate	14.645	149	459386	35.945	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	680968	43.961	ng	99
88) Benzo(b)fluoranthene	15.092	252	513211	39.451	ng	100
89) Benzo(k)fluoranthene	15.121	252	513447	42.213	ng	100
90) Benzo(a)pyrene	15.463	252	478931	41.668	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	557476	43.972	ng	99
92) Benzo(g,h,i)perylene	17.468	276	545942	43.496	ng	99

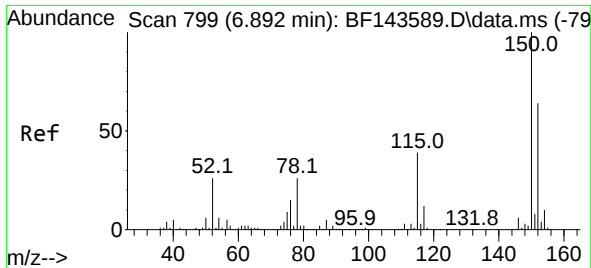
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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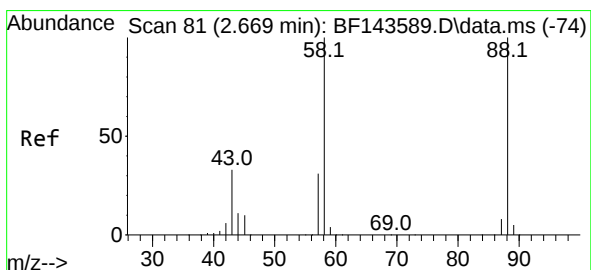
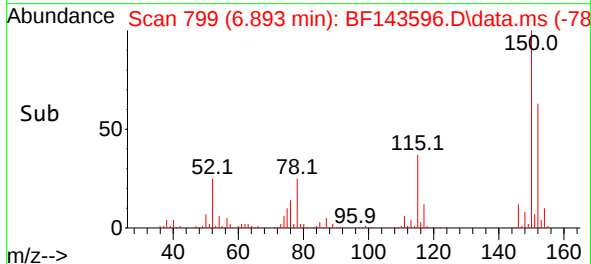
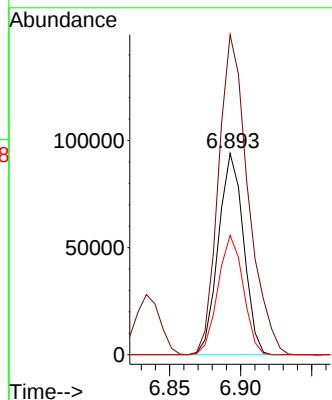
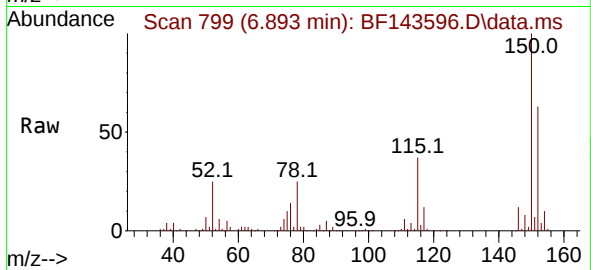




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

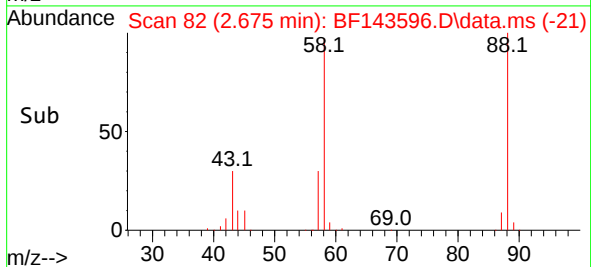
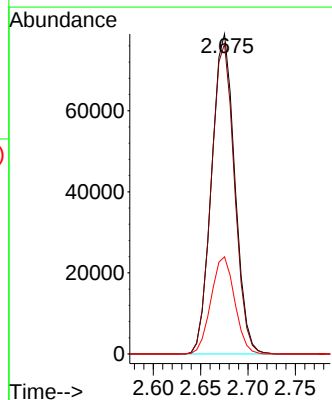
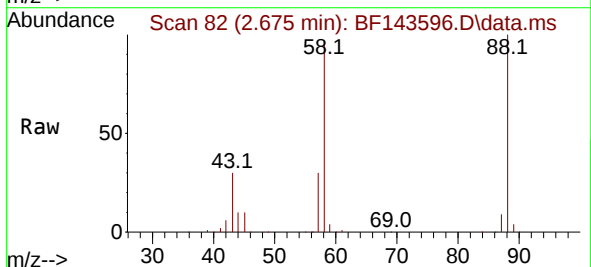
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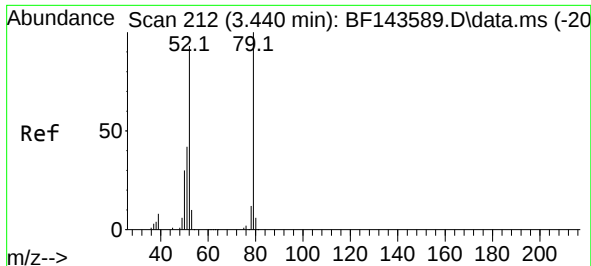
Tgt Ion:152 Resp: 115923
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.9 187.3
 115 59.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 40.208 ng
 RT: 2.675 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

Tgt Ion: 88 Resp: 133978
 Ion Ratio Lower Upper
 88 100
 58 97.0 79.2 118.8
 43 31.0 26.2 39.2





#3

Pyridine

Concen: 42.840 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

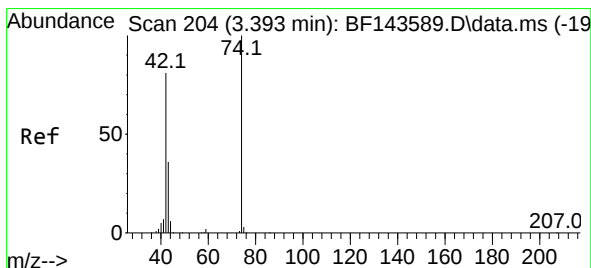
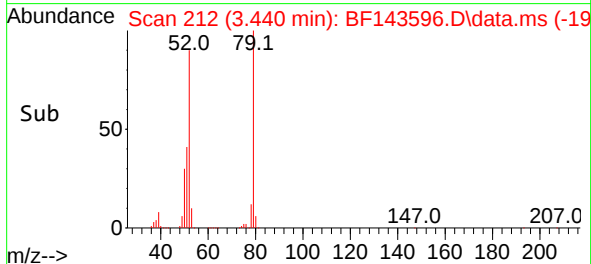
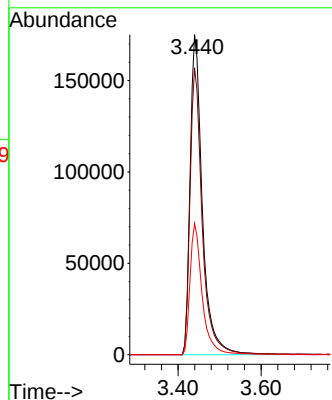
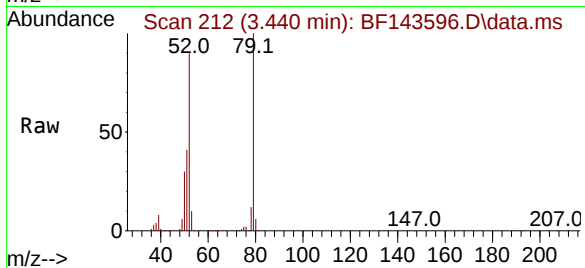
Tgt Ion: 79 Resp: 358456

Ion Ratio Lower Upper

79 100

52 89.7 74.3 111.5

51 41.0 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 38.876 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

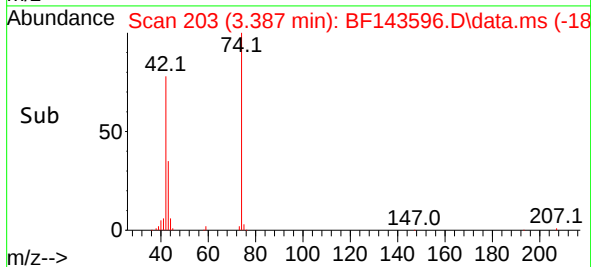
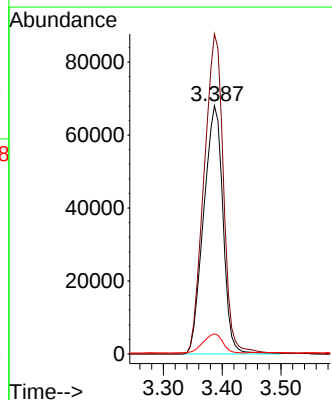
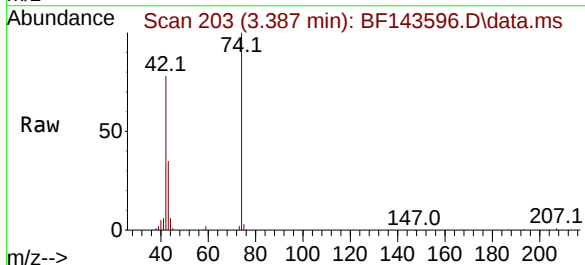
Tgt Ion: 42 Resp: 154787

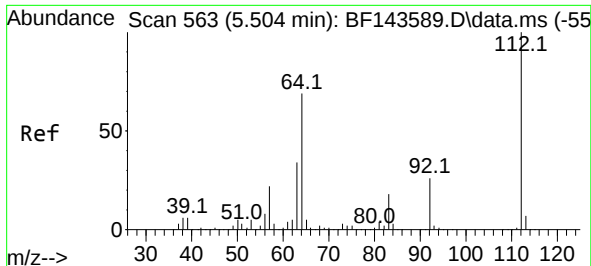
Ion Ratio Lower Upper

42 100

74 129.0 98.9 148.3

44 8.2 7.0 10.4

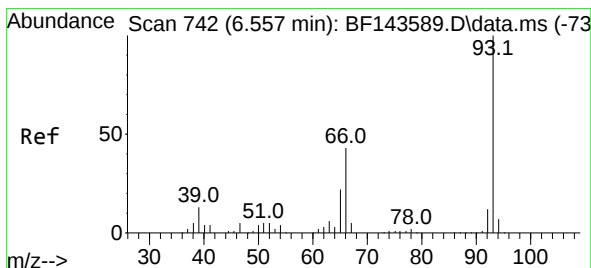
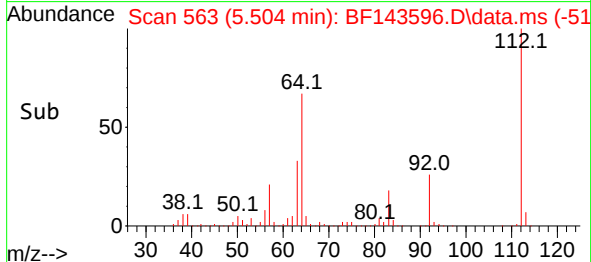
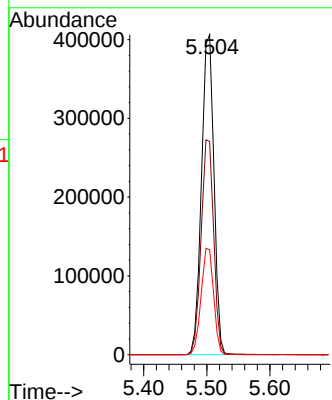
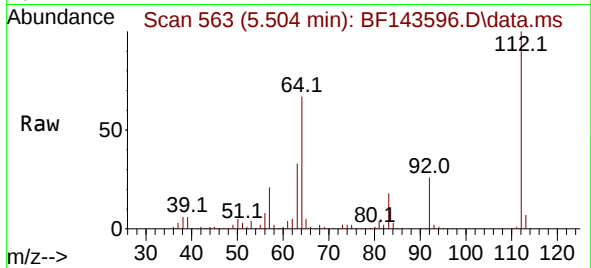




#5
2-Fluorophenol
Concen: 81.699 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

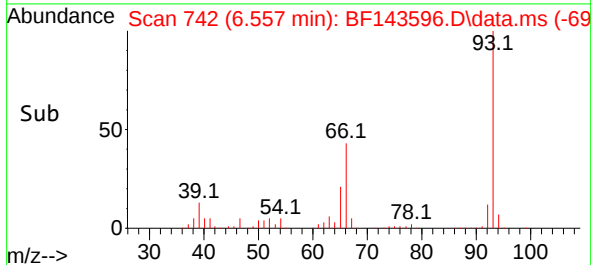
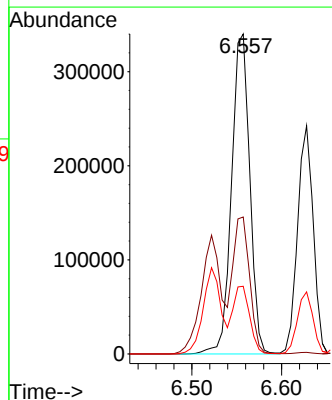
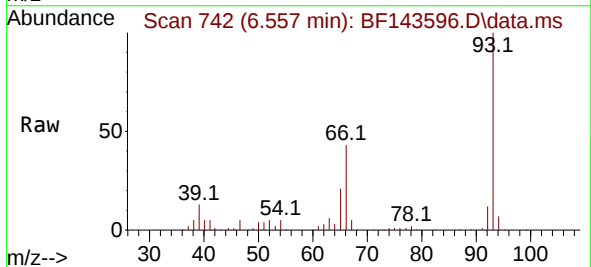
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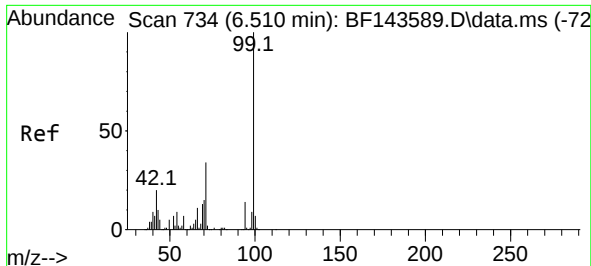
Tgt Ion:112 Resp: 556461
Ion Ratio Lower Upper
112 100
64 66.6 54.8 82.2
63 32.8 27.6 41.4



#6
Aniline
Concen: 40.656 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 93 Resp: 478803
Ion Ratio Lower Upper
93 100
66 42.8 35.0 52.4
65 21.1 17.5 26.3

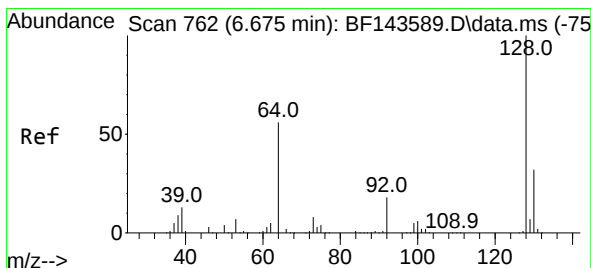
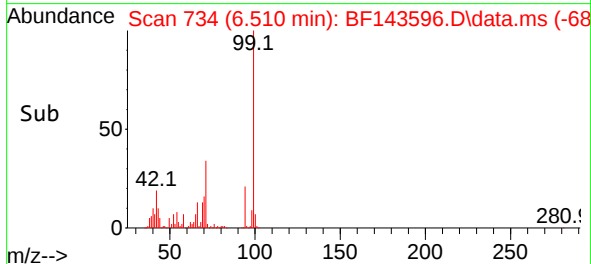
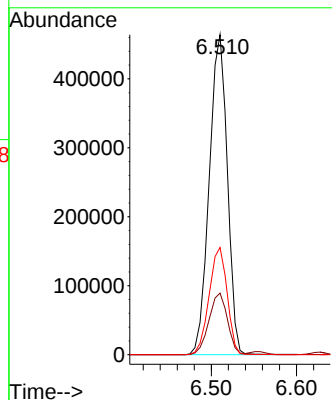
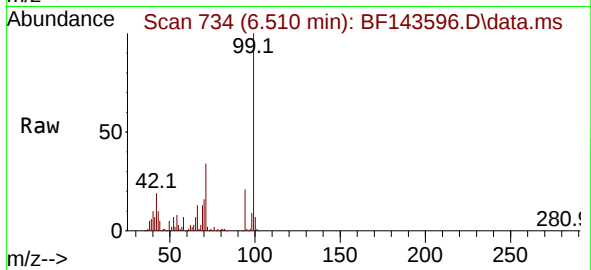




#7
Phenol-d6
Concen: 81.026 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

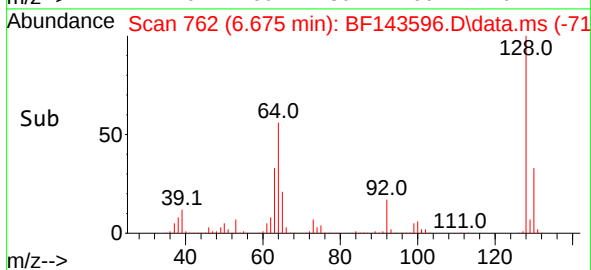
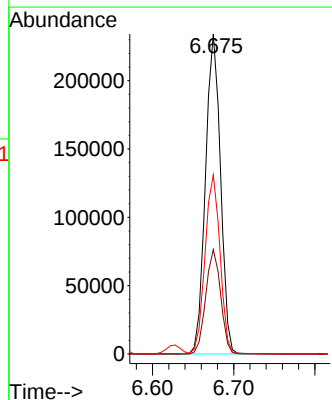
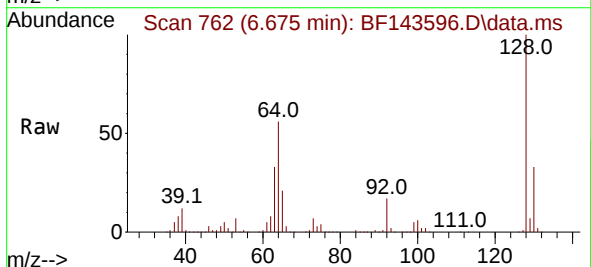
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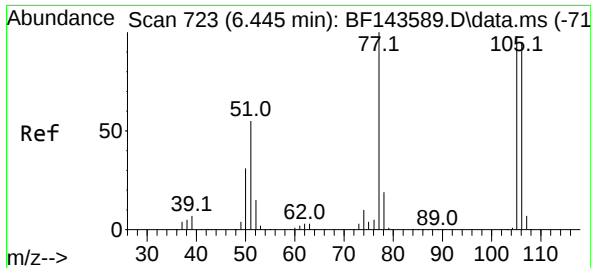
Tgt Ion: 99 Resp: 683534
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 33.5 27.2 40.8



#8
2-Chlorophenol
Concen: 41.653 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 128 Resp: 300149
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 55.9 38.4 78.4

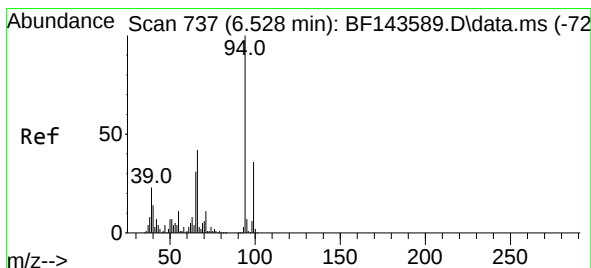
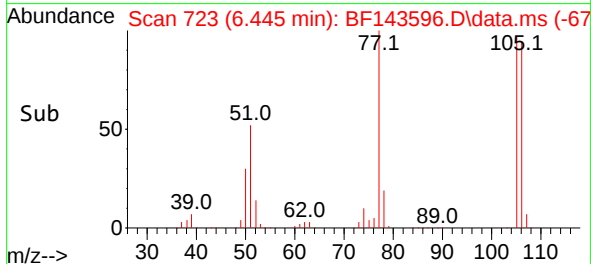
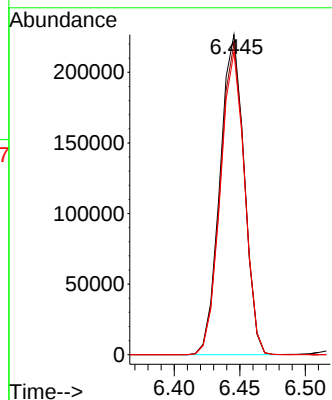
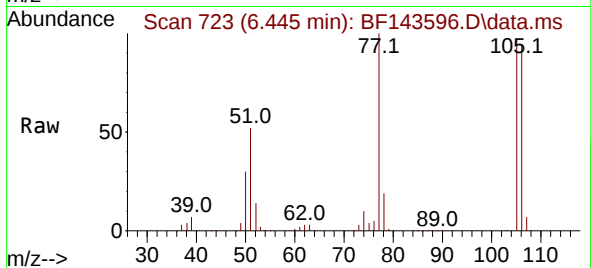




#9
Benzaldehyde
Concen: 45.731 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

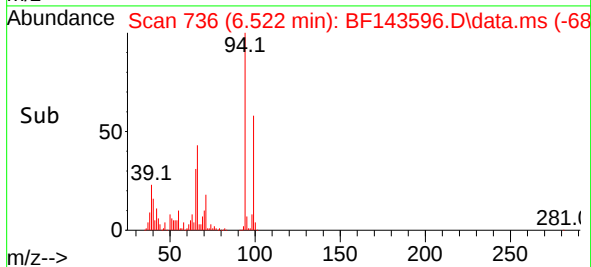
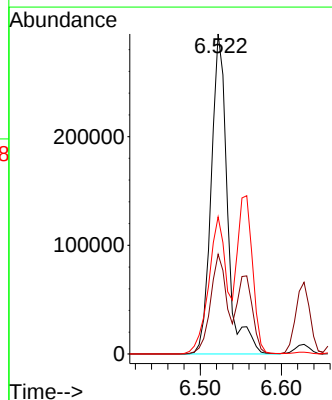
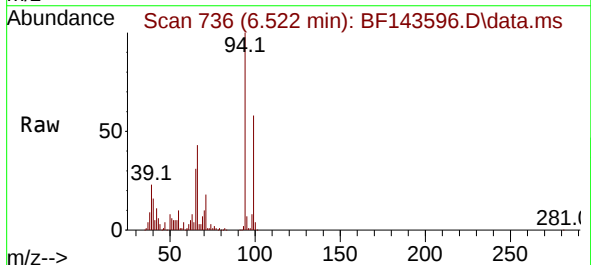
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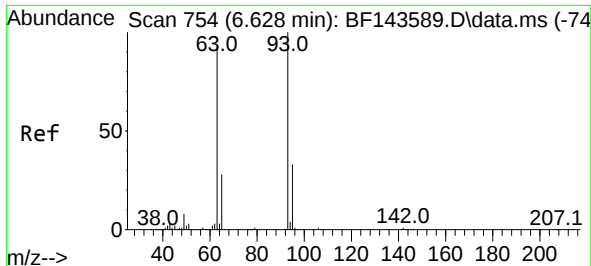
Tgt Ion: 77 Resp: 290282
Ion Ratio Lower Upper
77 100
105 97.2 77.9 117.9
106 94.4 74.9 114.9



#10
Phenol
Concen: 43.236 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 94 Resp: 409070
Ion Ratio Lower Upper
94 100
65 31.1 11.0 51.0
66 42.8 22.1 62.1

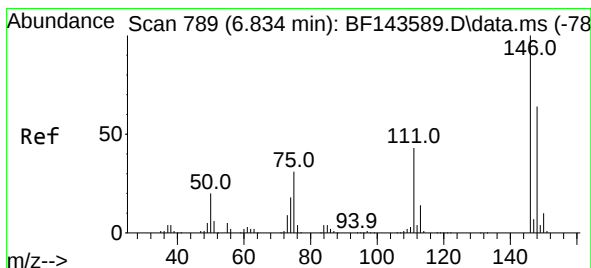
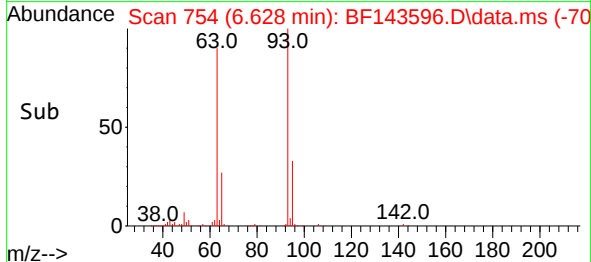
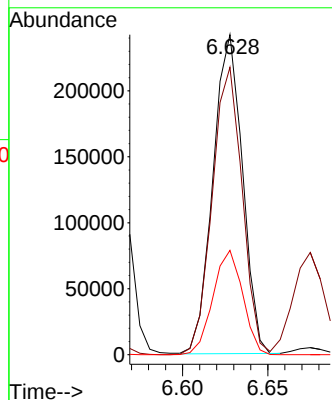
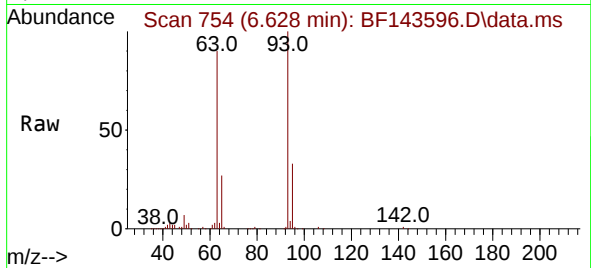




#11
bis(2-Chloroethyl)ether
Concen: 40.158 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

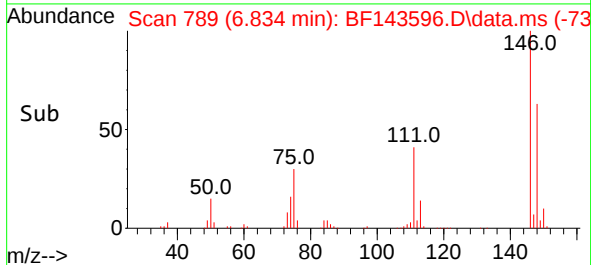
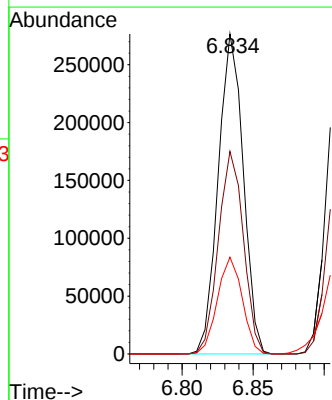
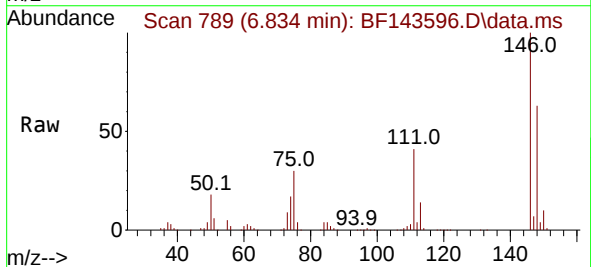
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

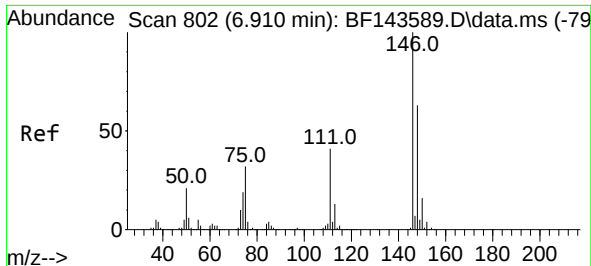
Tgt Ion: 93 Resp: 291150
Ion Ratio Lower Upper
93 100
63 89.8 72.1 112.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.896 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:146 Resp: 338512
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
75 30.2 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 40.170 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

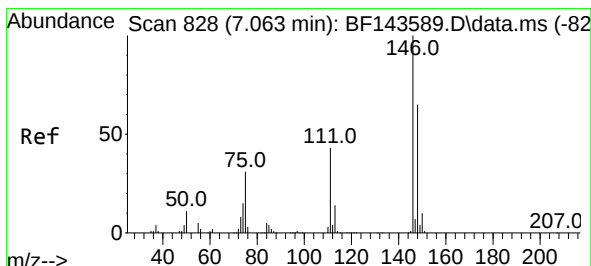
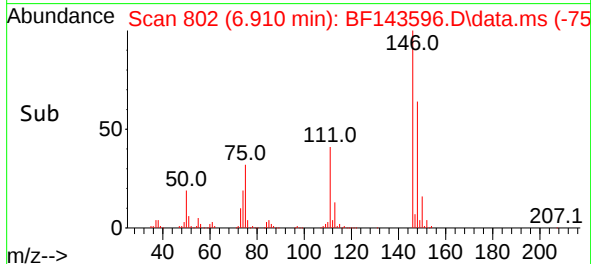
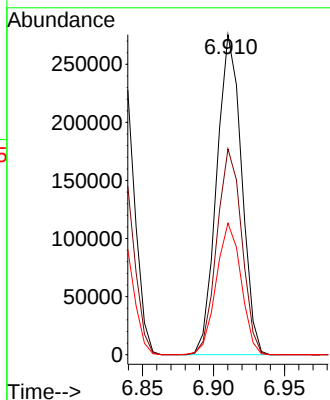
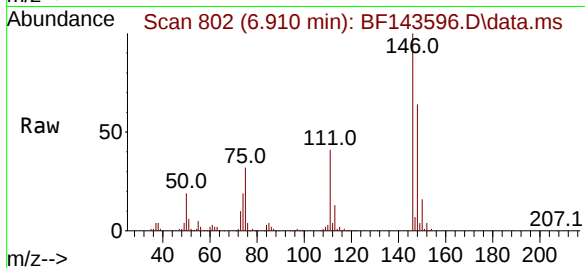
Tgt Ion:146 Resp: 335275

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 41.1 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 40.291 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

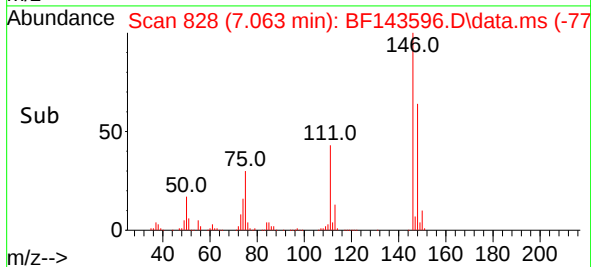
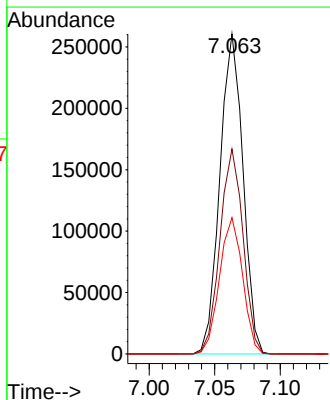
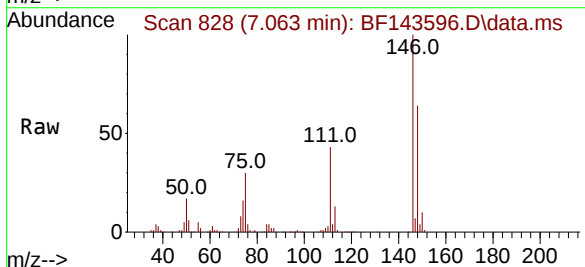
Tgt Ion:146 Resp: 318980

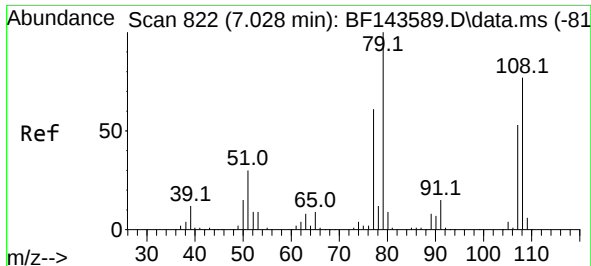
Ion Ratio Lower Upper

146 100

148 64.0 51.7 77.5

111 42.6 34.7 52.1

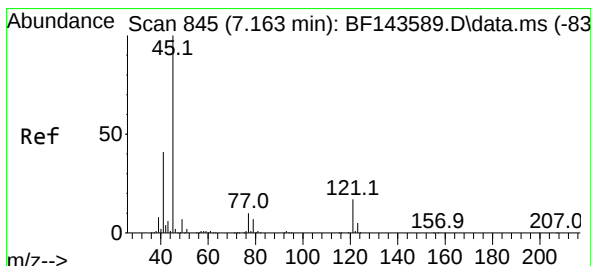
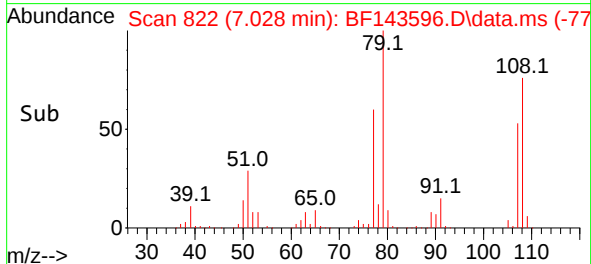
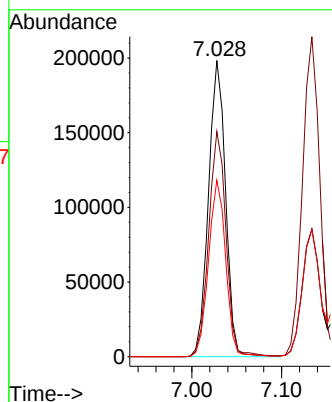
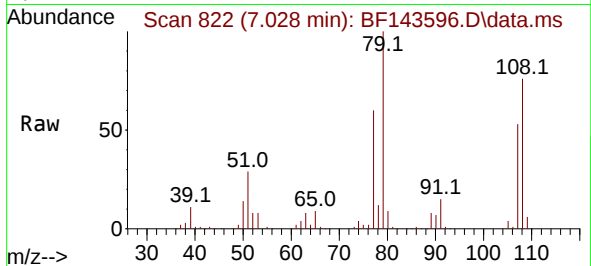




#15
Benzyl Alcohol
Concen: 41.521 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

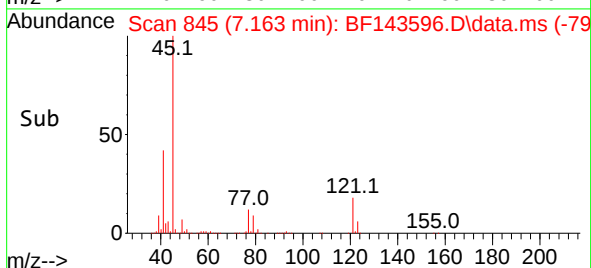
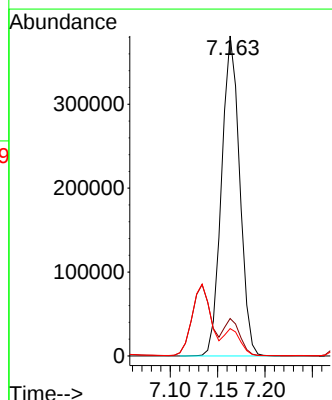
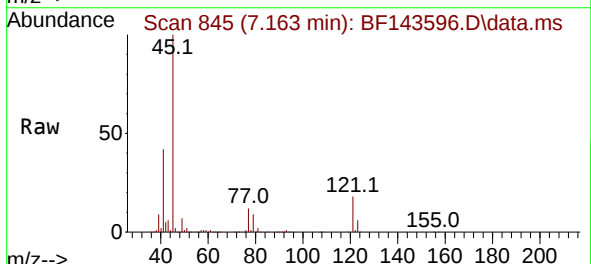
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

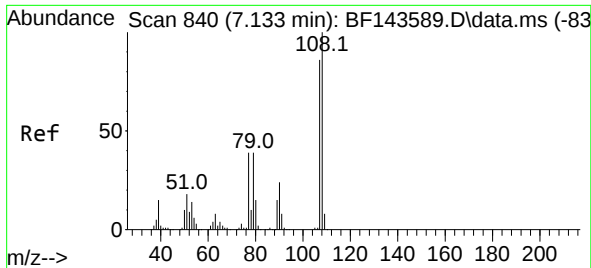
Tgt Ion: 79 Resp: 262507
Ion Ratio Lower Upper
79 100
108 76.0 61.3 91.9
77 59.6 48.7 73.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.942 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 45 Resp: 507766
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.1
79 8.6 0.0 28.1

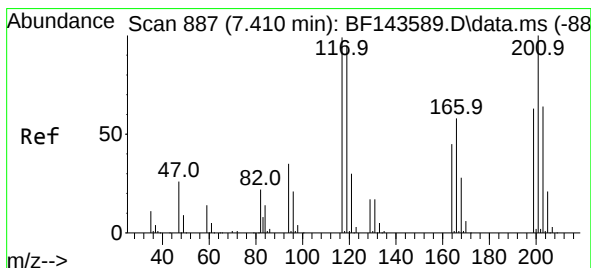
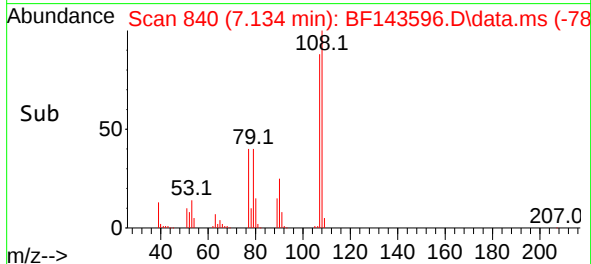
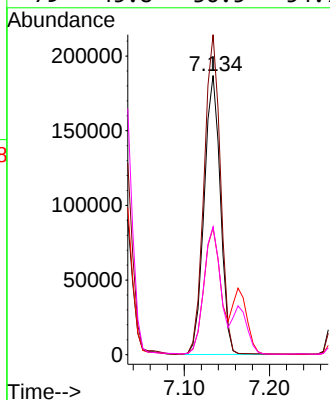
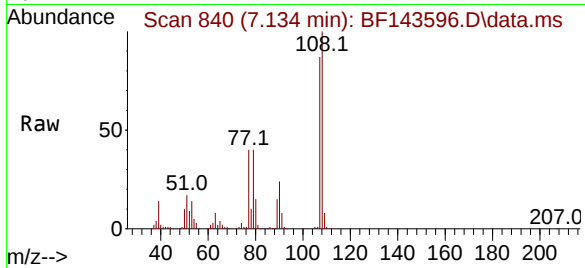




#17
2-Methylphenol
Concen: 40.402 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

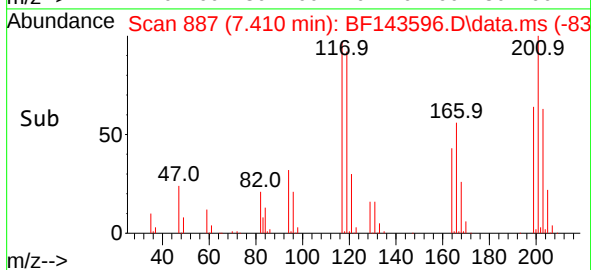
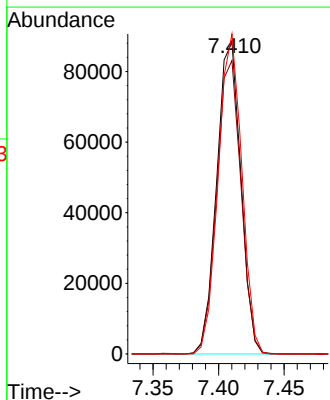
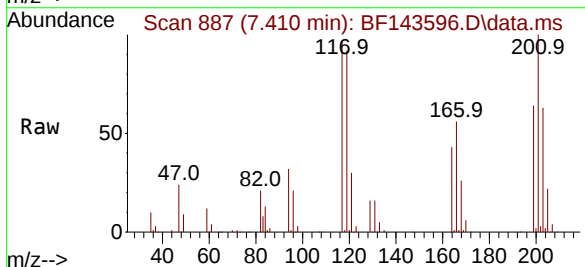
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

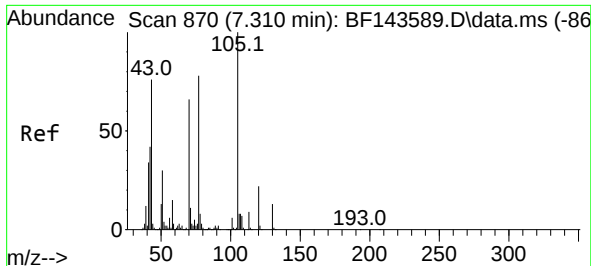
Tgt Ion:	107	Resp:	247155
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	45.4	36.3	54.5
79	45.8	36.5	54.7



#18
Hexachloroethane
Concen: 42.583 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:	117	Resp:	112931
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	115.0
201	102.7	81.0	121.4

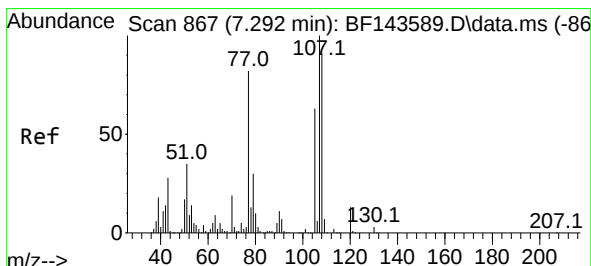
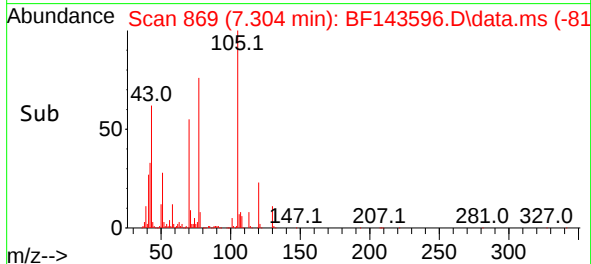
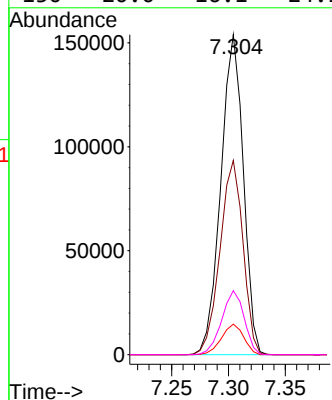
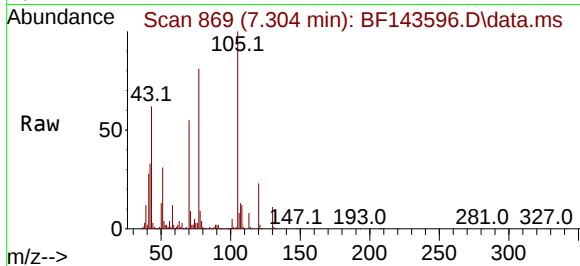




#19
n-Nitroso-di-n-propylamine
Concen: 39.684 ng
RT: 7.304 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

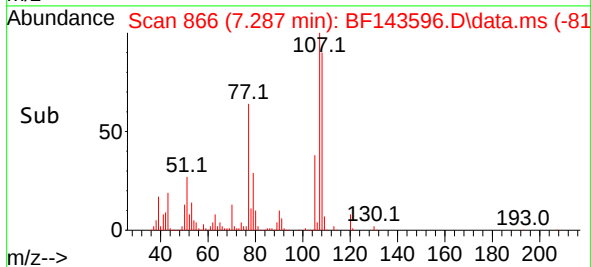
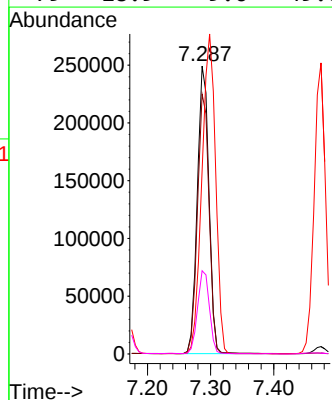
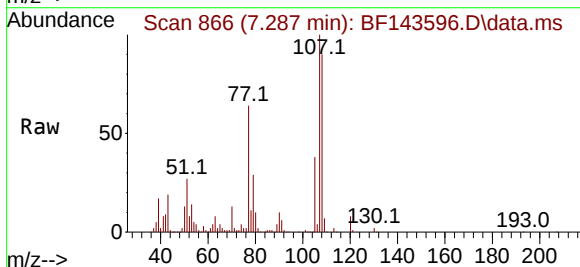
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

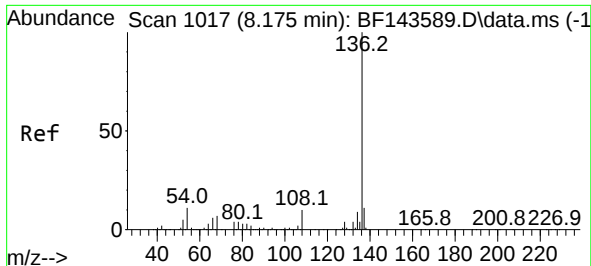
Tgt Ion: 70 Resp: 212079
Ion Ratio Lower Upper
70 100
42 60.7 50.6 75.8
101 9.6 7.5 11.3
130 20.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 42.265 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 107 Resp: 317550
Ion Ratio Lower Upper
107 100
108 90.2 71.1 111.1
77 63.7 62.5 102.5
79 28.9 9.6 49.6



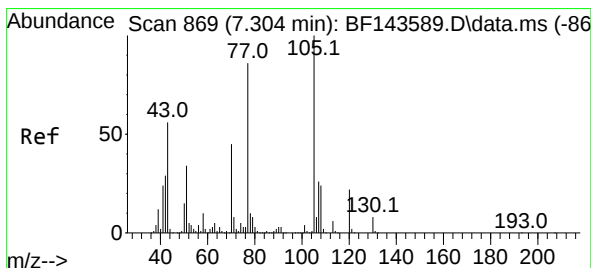
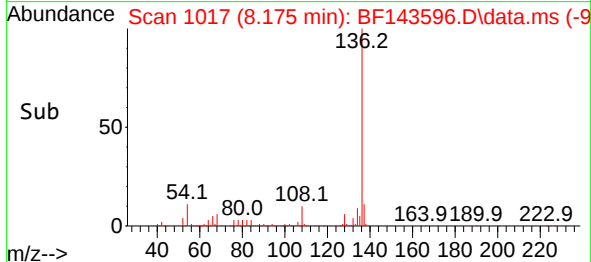
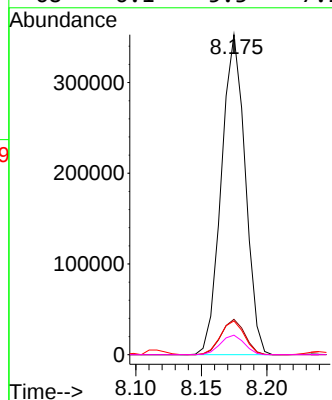
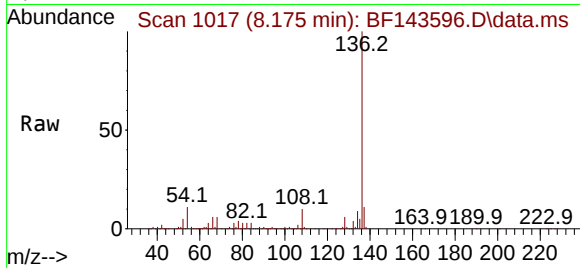


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 446099

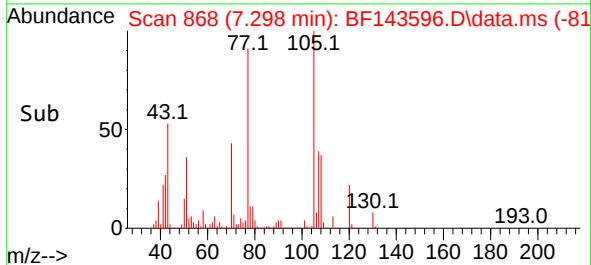
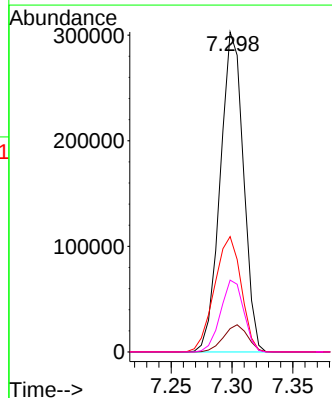
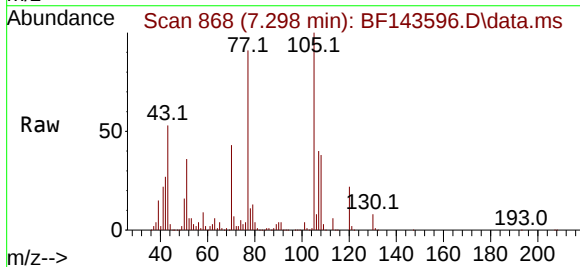
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.6	9.0	13.6
68	6.1	5.3	7.9

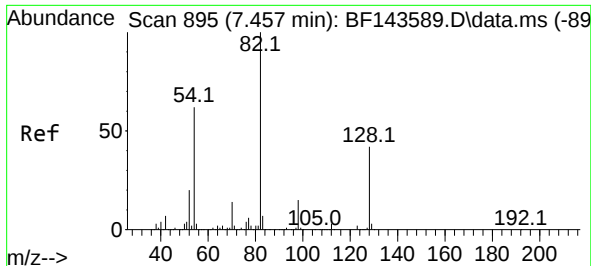


#22
Acetophenone
Concen: 40.063 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:105 Resp: 402494

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.0	9.0
51	36.1	27.0	40.6
120	22.4	17.8	26.6





#23

Nitrobenzene-d5

Concen: 90.932 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

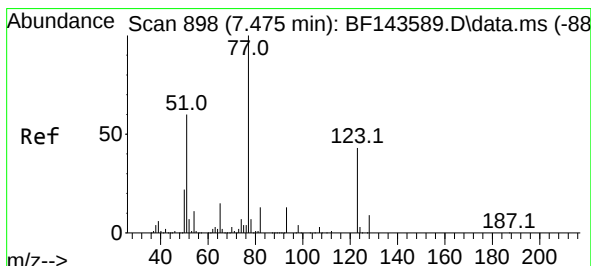
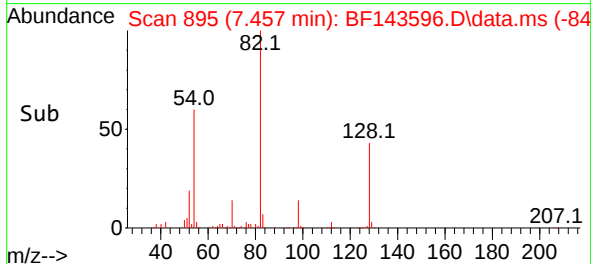
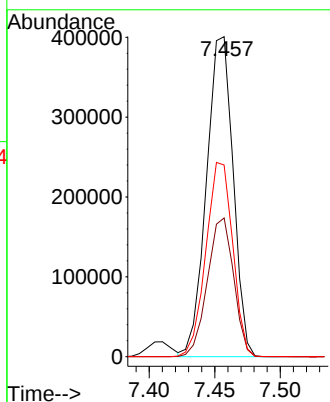
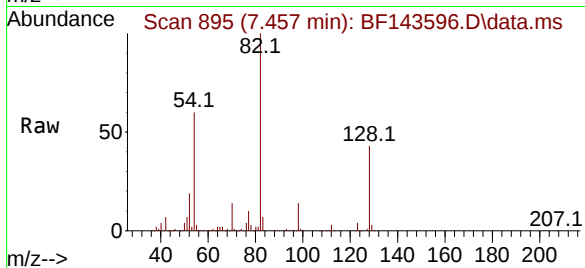
Tgt Ion: 82 Resp: 568123

Ion Ratio Lower Upper

82 100

128 43.4 33.4 50.2

54 59.9 49.3 73.9



#24

Nitrobenzene

Concen: 46.712 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

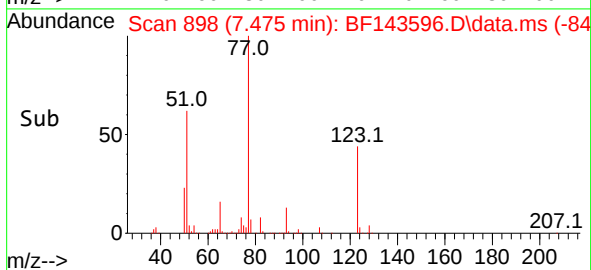
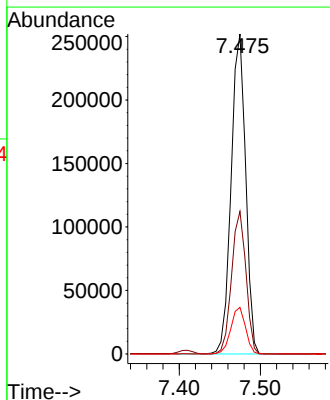
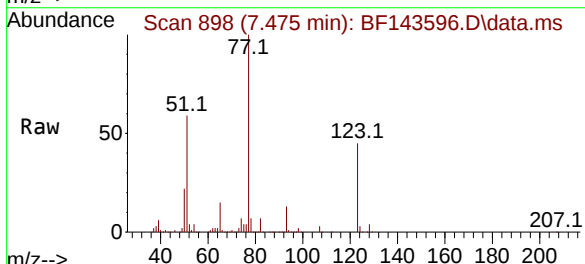
Tgt Ion: 77 Resp: 312890

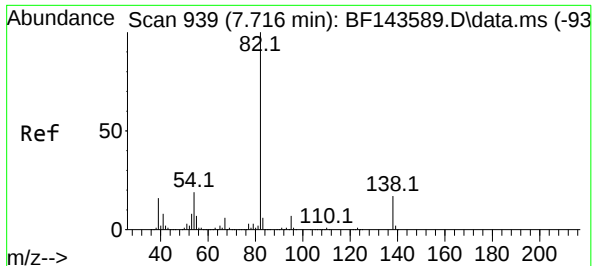
Ion Ratio Lower Upper

77 100

123 44.5 34.9 52.3

65 14.5 12.0 18.0

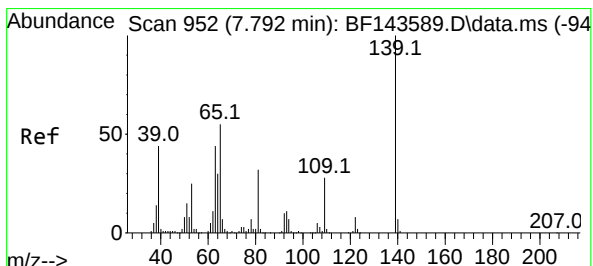
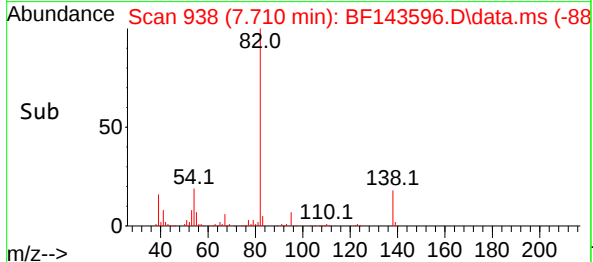
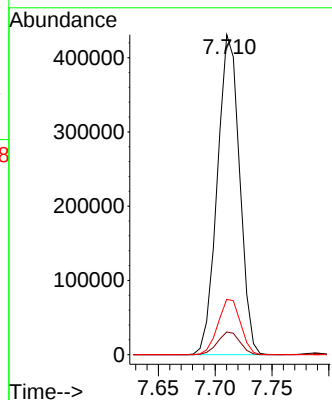
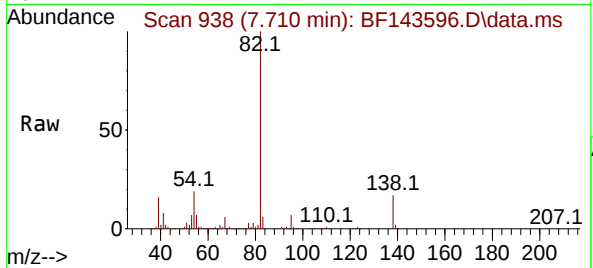




#25
Isophorone
Concen: 40.217 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

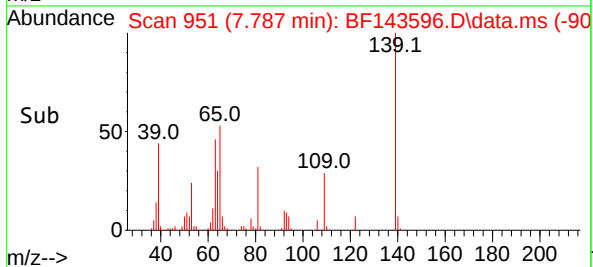
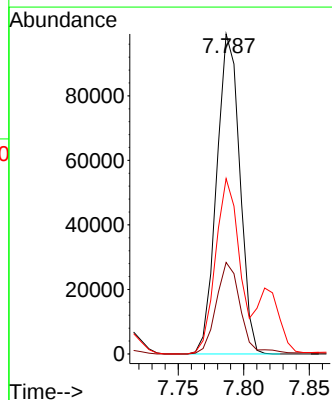
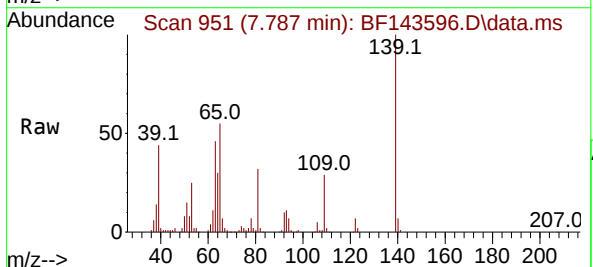
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

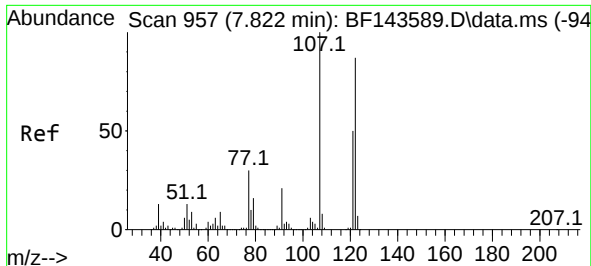
Tgt Ion: 82 Resp: 588016
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 45.257 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 139 Resp: 121681
Ion Ratio Lower Upper
139 100
109 28.6 22.3 33.5
65 54.8 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 41.524 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143596.D

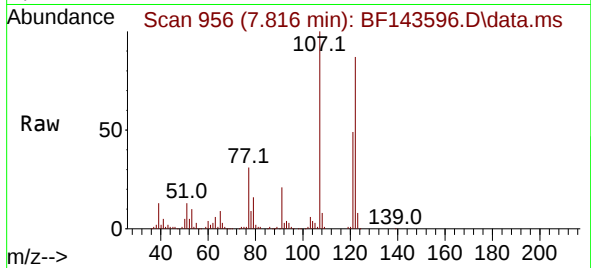
Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



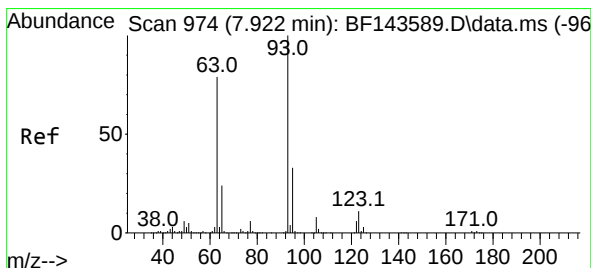
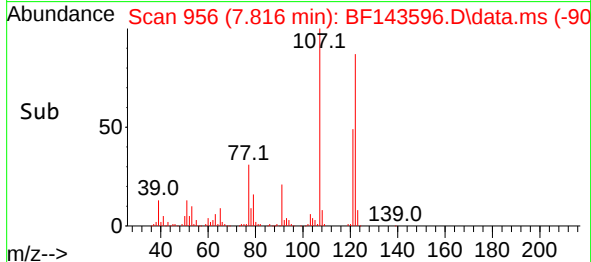
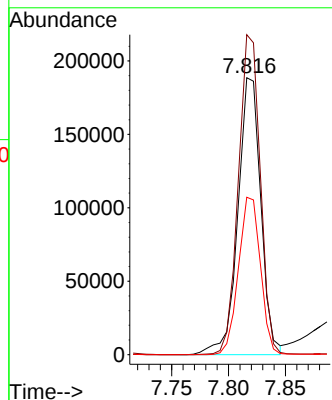
Tgt Ion:122 Resp: 264156

Ion Ratio Lower Upper

122 100

107 115.5 92.1 138.1

121 56.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.484 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

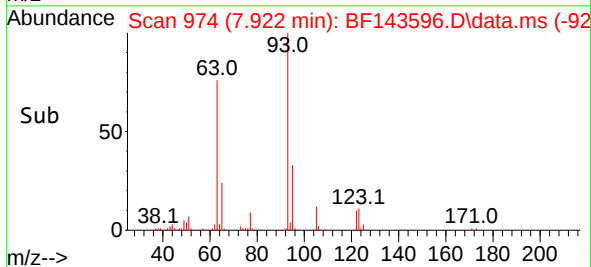
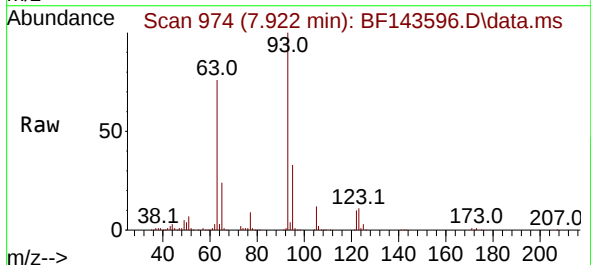
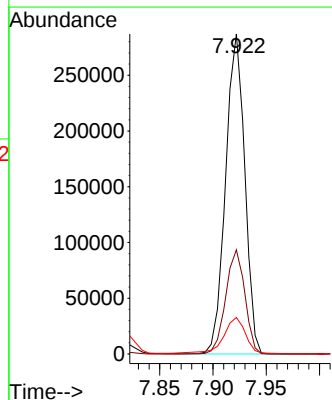
Tgt Ion: 93 Resp: 358118

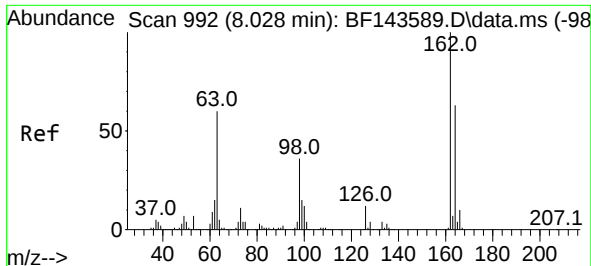
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.4 9.3 13.9

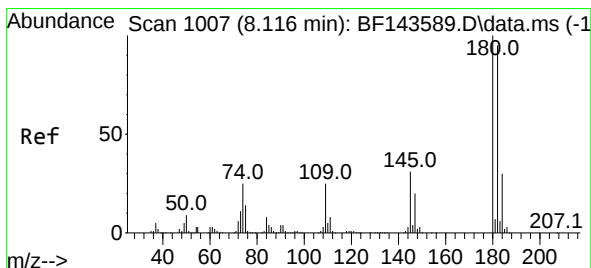
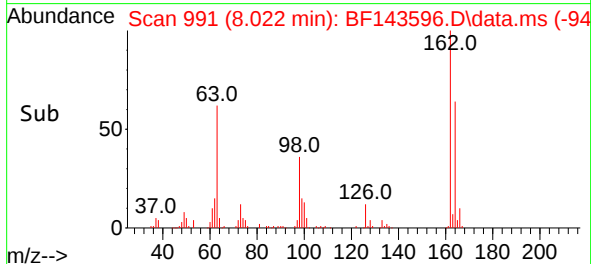
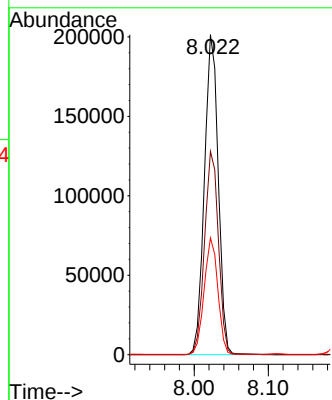
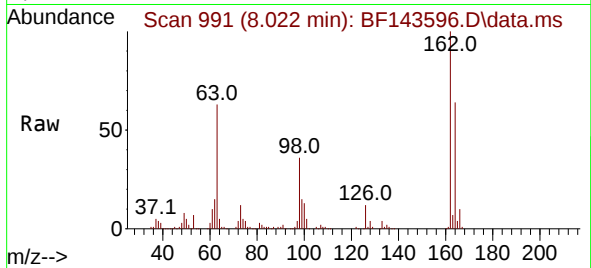




#29
2,4-Dichlorophenol
Concen: 42.779 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

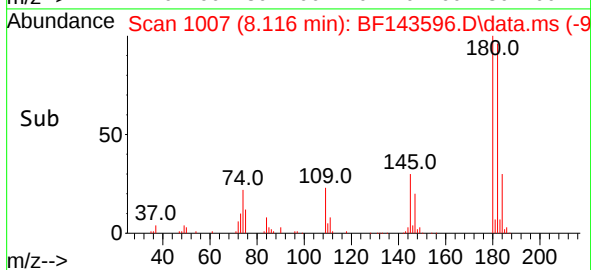
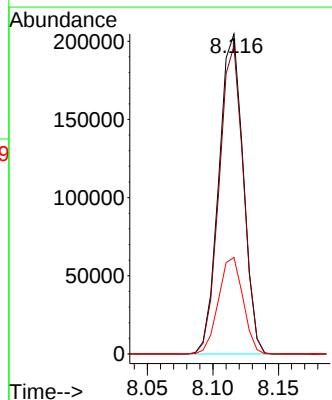
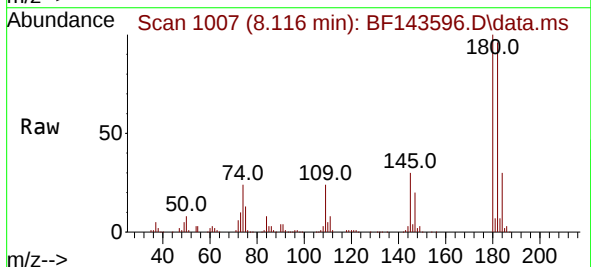
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

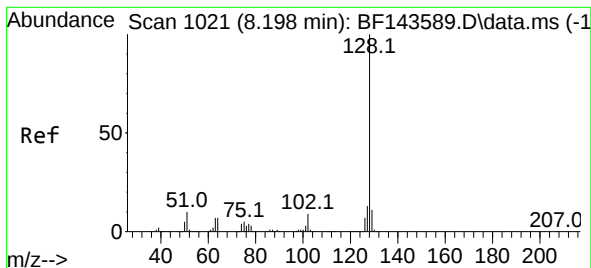
Tgt Ion:162 Resp: 262199
Ion Ratio Lower Upper
162 100
164 63.5 43.3 83.3
98 36.5 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 41.254 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:180 Resp: 264008
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 30.1 24.5 36.7

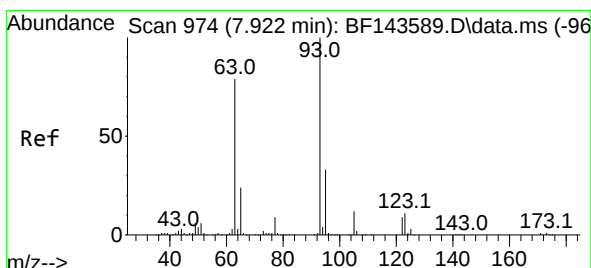
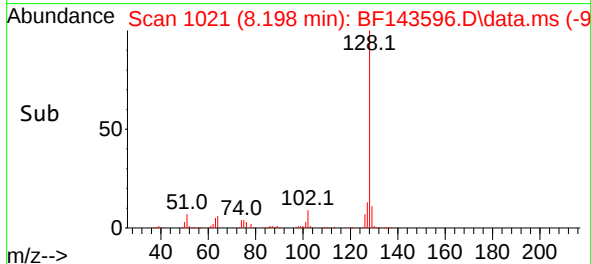
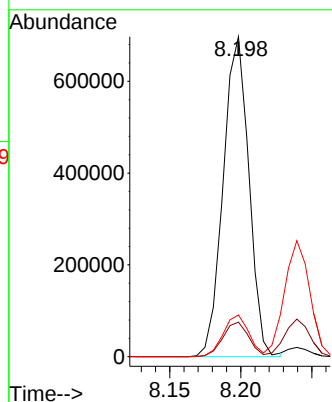
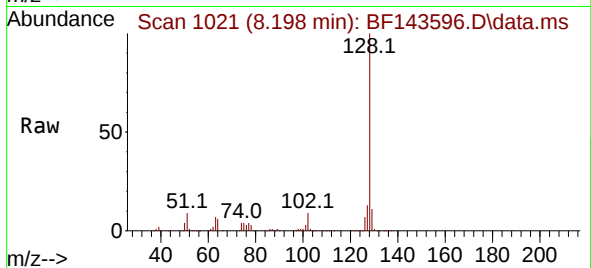




#31
Naphthalene
Concen: 40.607 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

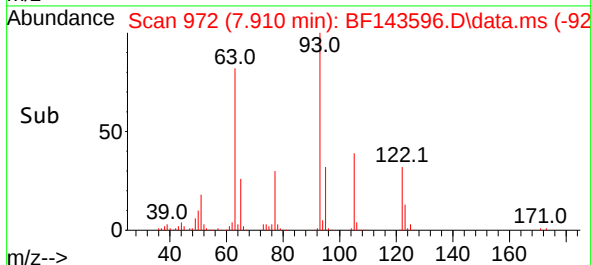
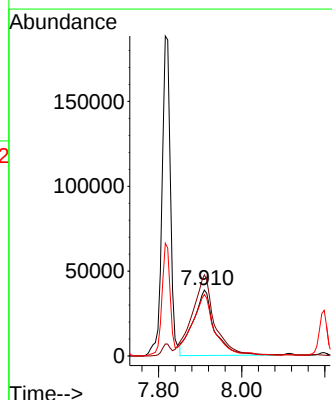
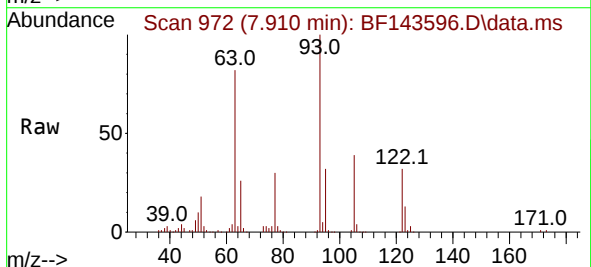
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

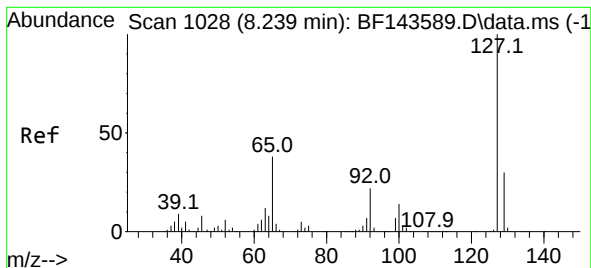
Tgt Ion:128 Resp: 875202
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 43.721 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:122 Resp: 137557
Ion Ratio Lower Upper
122 100
105 123.1 106.4 146.4
77 93.4 79.3 119.3

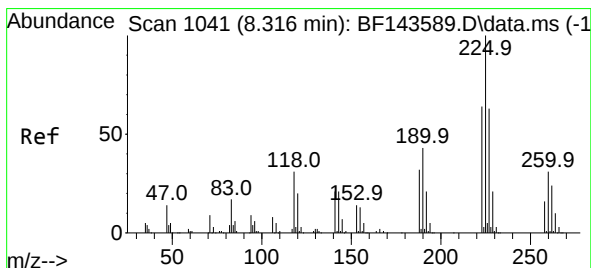
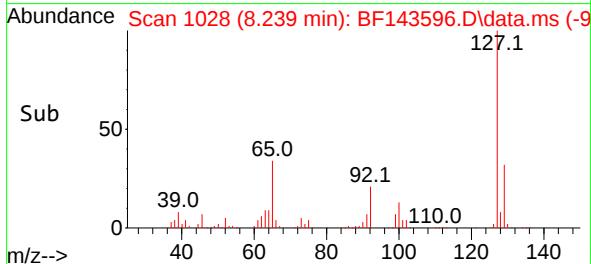
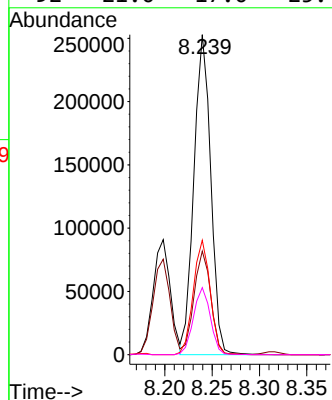
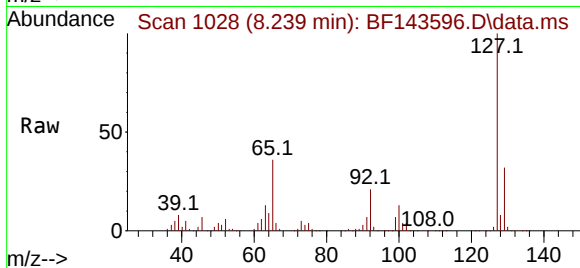




#33
4-Chloroaniline
Concen: 41.301 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

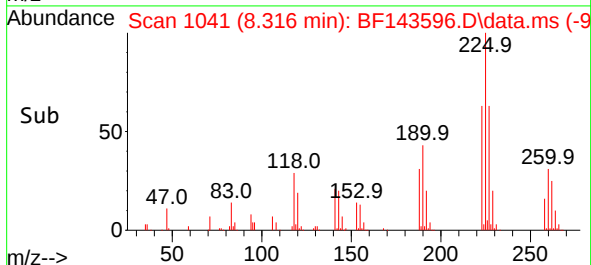
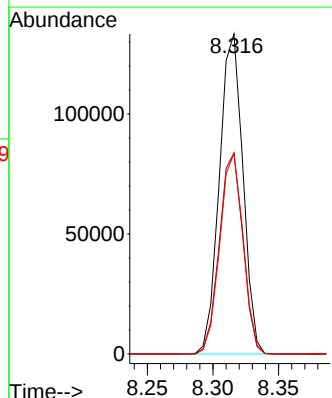
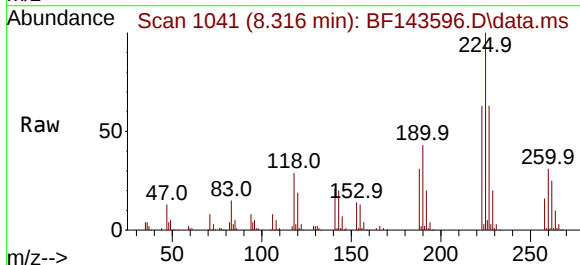
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

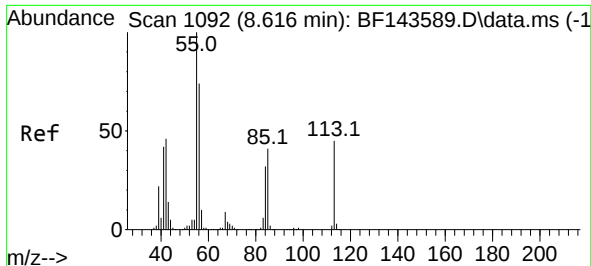
Tgt Ion:	127	Resp:	314477
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	35.8	29.7	44.5
92	21.0	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.062 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:	225	Resp:	165584
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.8	76.2
227	62.7	50.6	76.0

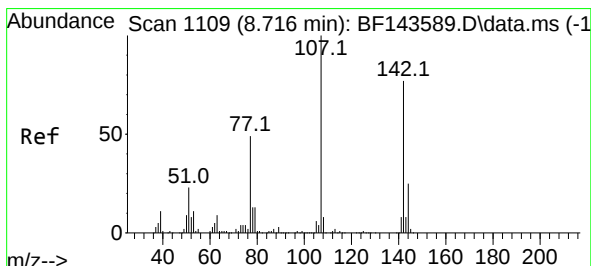
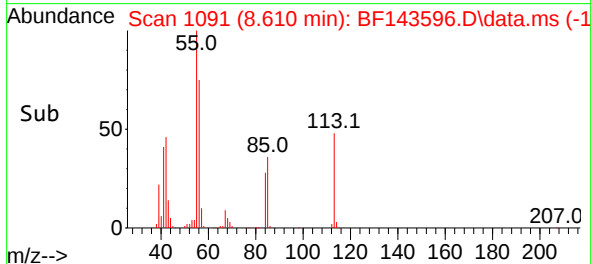
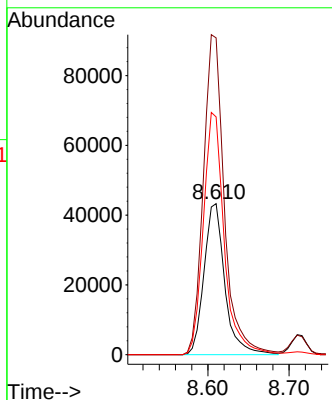
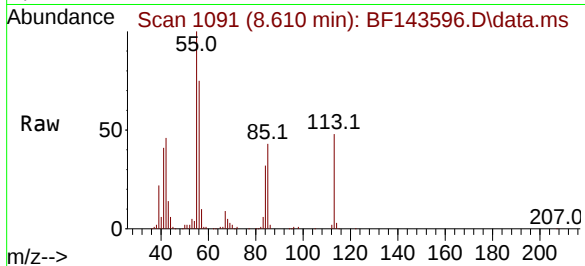




#35
 Caprolactam
 Concen: 44.319 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

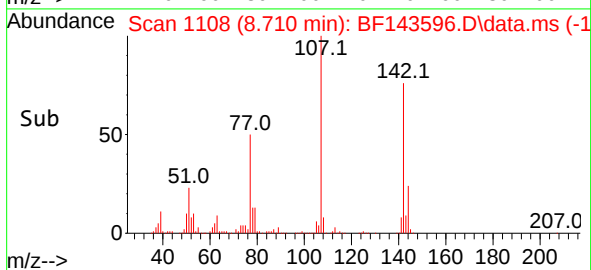
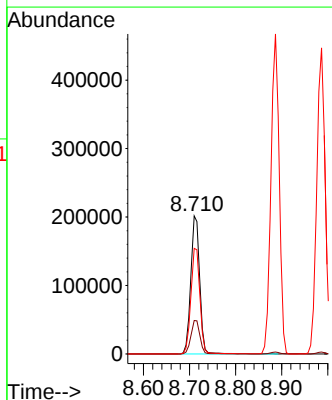
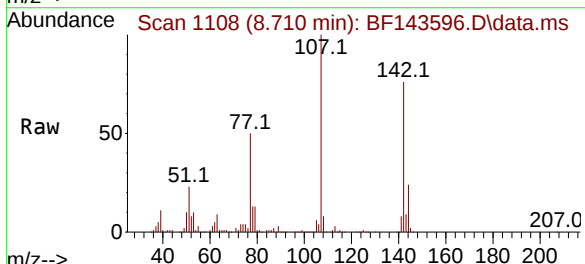
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

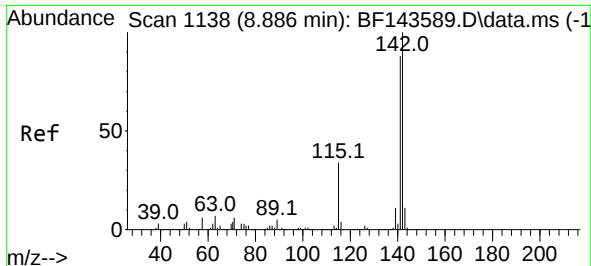
Tgt Ion:113 Resp: 77172
 Ion Ratio Lower Upper
 113 100
 55 209.7 202.1 242.1
 56 157.4 145.4 185.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.159 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

Tgt Ion:107 Resp: 270157
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.6
 142 76.5 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.799 ng

RT: 8.886 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

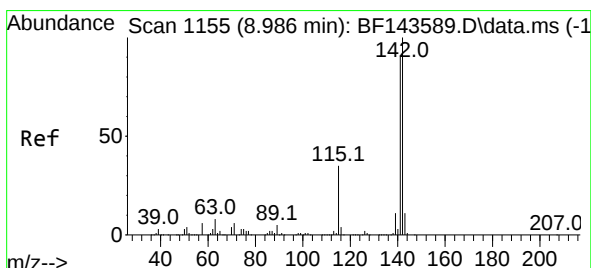
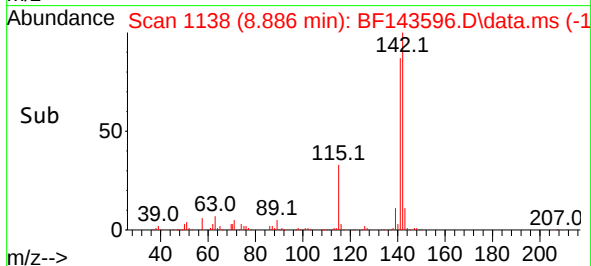
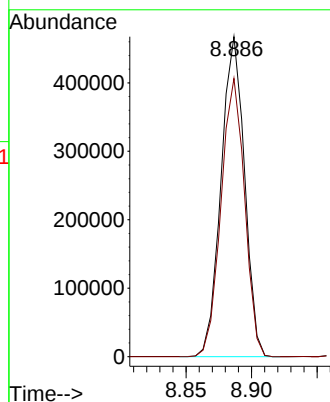
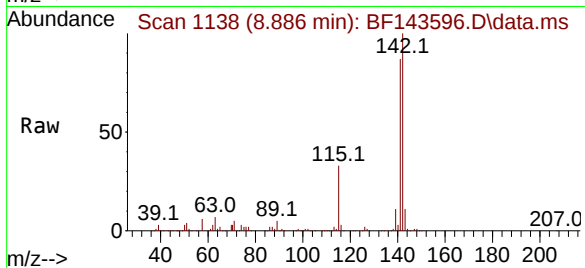
SSTDCCC040

Tgt Ion:142 Resp: 580714

Ion Ratio Lower Upper

142 100

141 87.0 70.2 105.4



#38

1-Methylnaphthalene

Concen: 40.913 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF143596.D

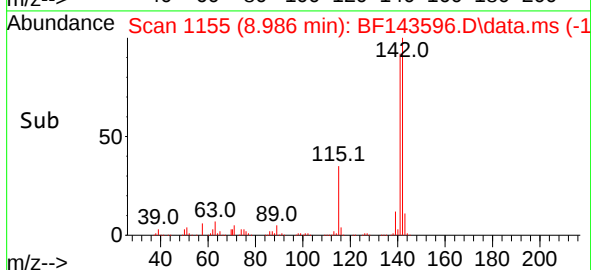
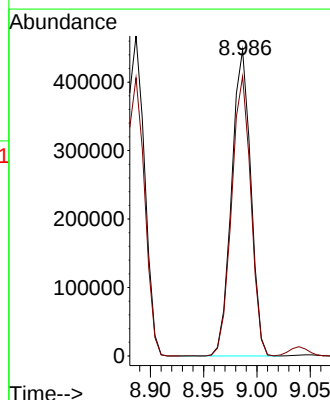
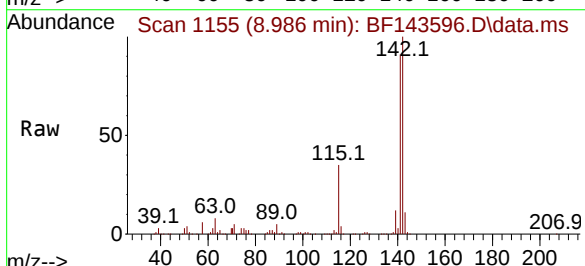
Acq: 27 Aug 2025 09:16

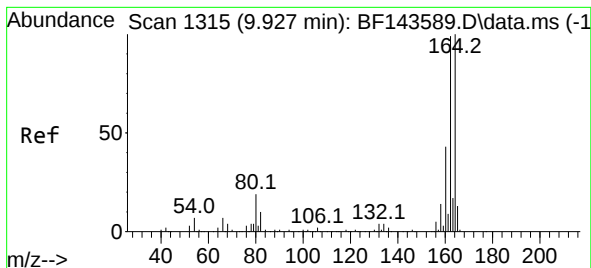
Tgt Ion:142 Resp: 562020

Ion Ratio Lower Upper

142 100

141 91.3 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1115

Delta R.T. 0.001 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

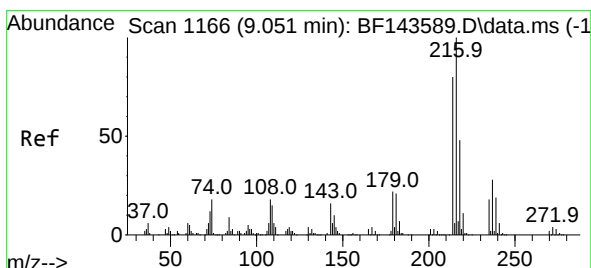
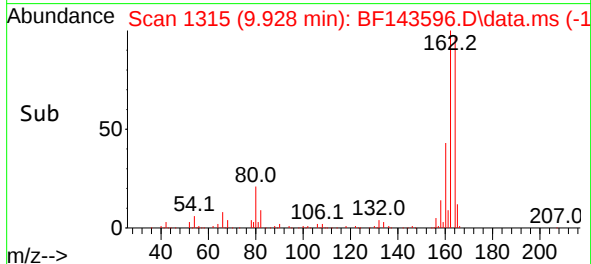
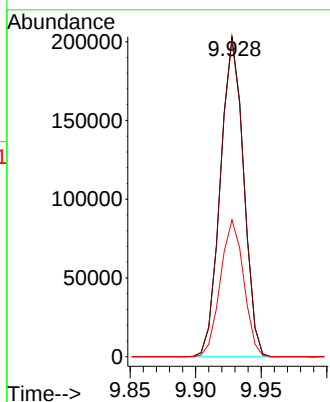
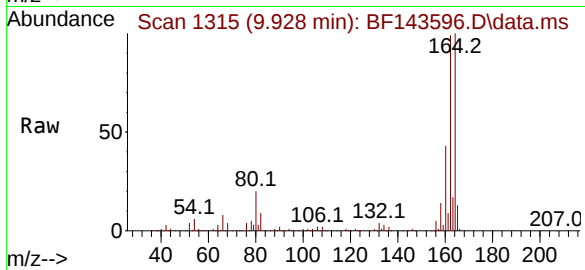
Tgt Ion:164 Resp: 249607

Ion Ratio Lower Upper

164 100

162 99.0 79.5 119.3

160 42.8 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.801 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Tgt Ion:216 Resp: 264898

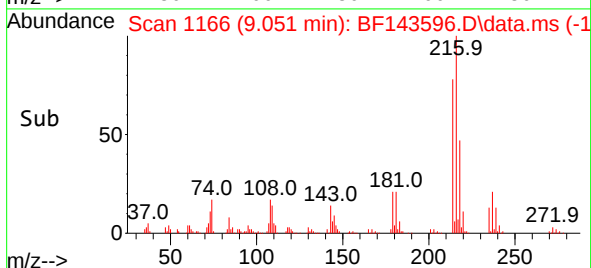
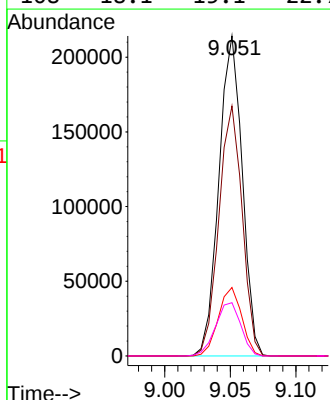
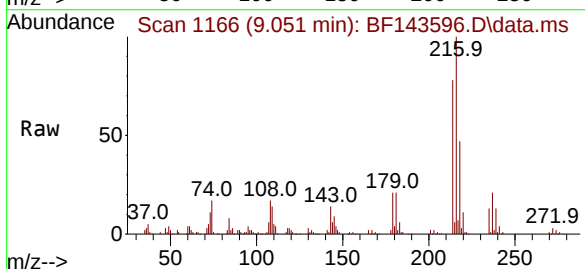
Ion Ratio Lower Upper

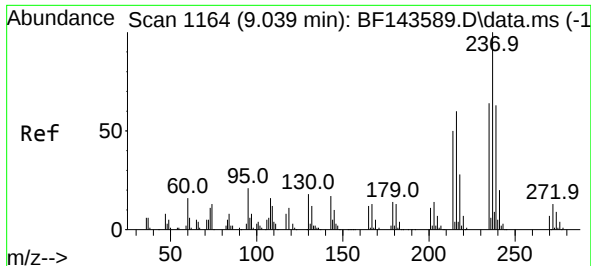
216 100

214 77.9 64.1 96.1

179 21.4 17.4 26.0

108 18.1 15.1 22.7

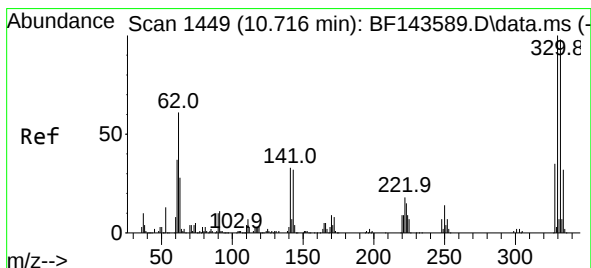
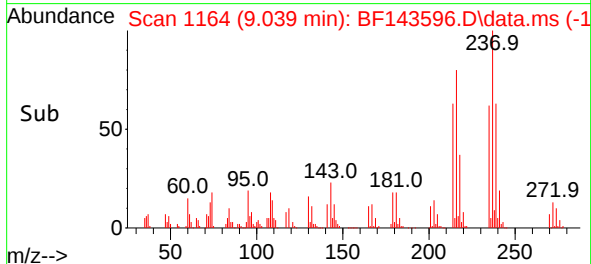
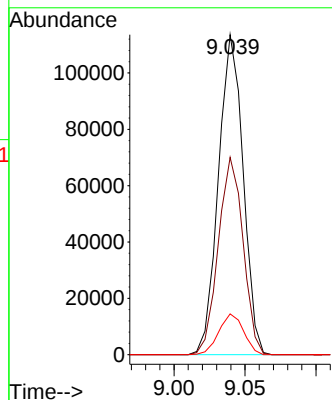
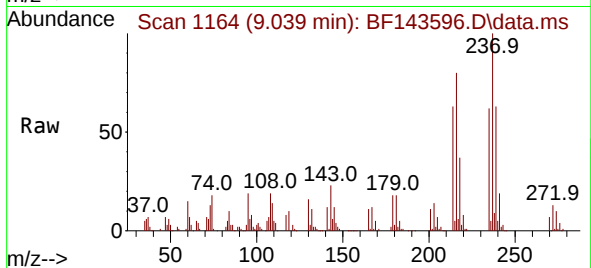




#41
Hexachlorocyclopentadiene
Concen: 42.964 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

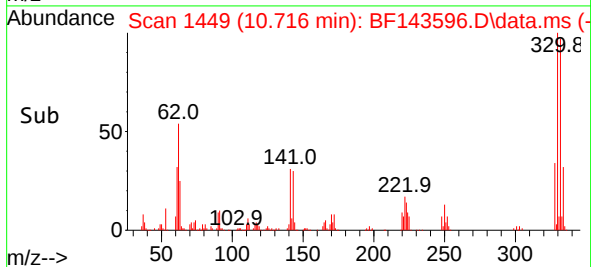
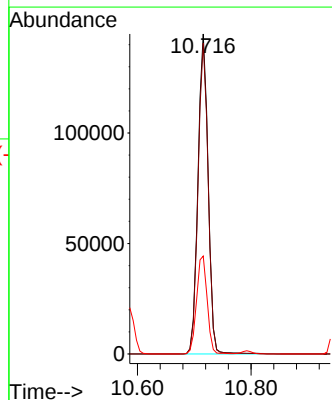
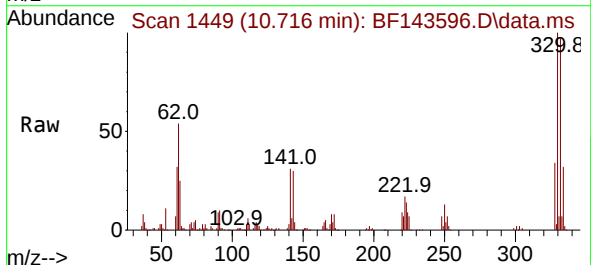
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

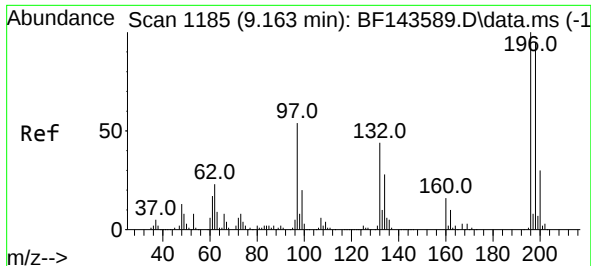
Tgt Ion:237 Resp: 137223
Ion Ratio Lower Upper
237 100
235 61.6 43.8 83.8
272 12.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 92.831 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:330 Resp: 181203
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 31.9 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 41.751 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

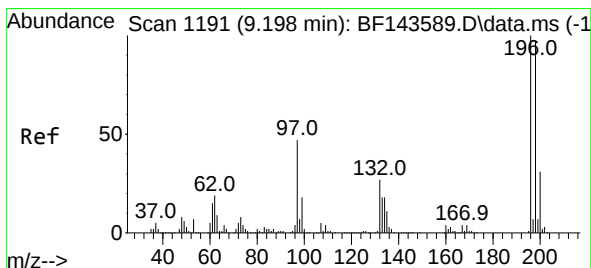
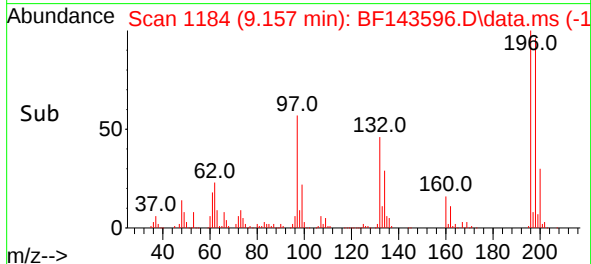
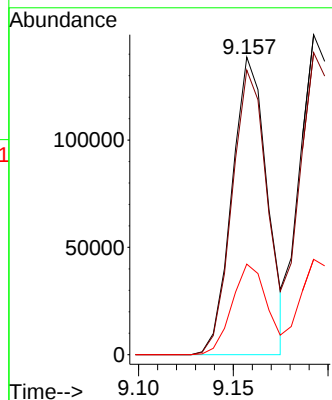
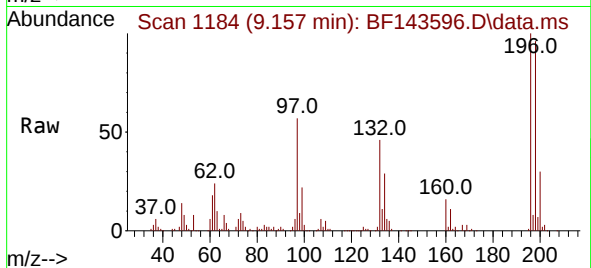
Tgt Ion:196 Resp: 179121

Ion Ratio Lower Upper

196 100

198 95.7 75.8 113.6

200 30.5 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 44.549 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Tgt Ion:196 Resp: 193124

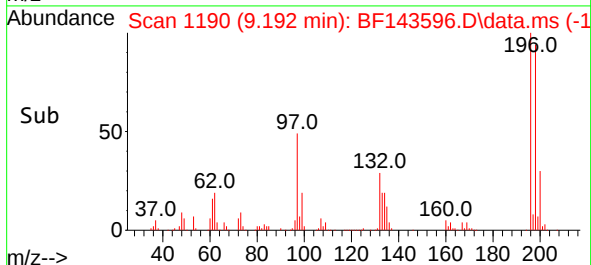
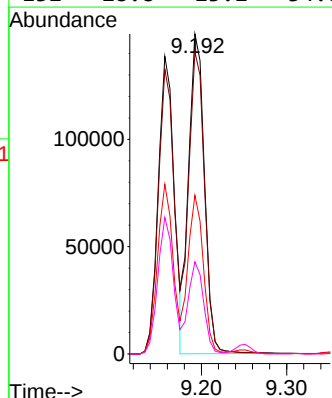
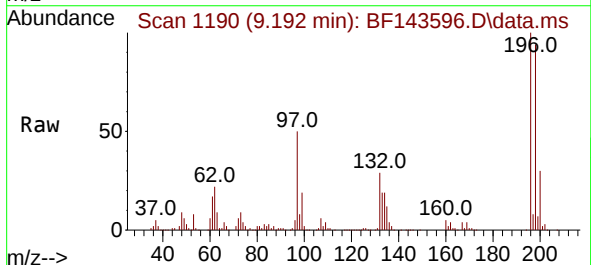
Ion Ratio Lower Upper

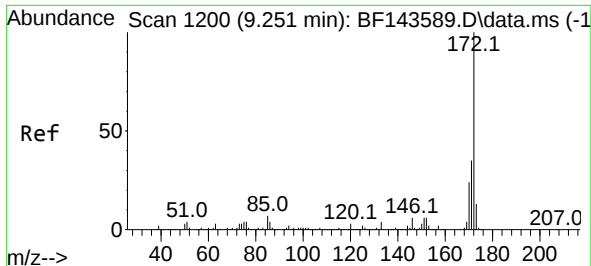
196 100

198 94.4 77.0 115.6

97 49.6 39.3 58.9

132 28.8 23.2 34.8

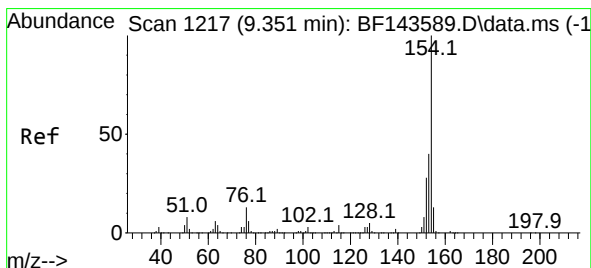
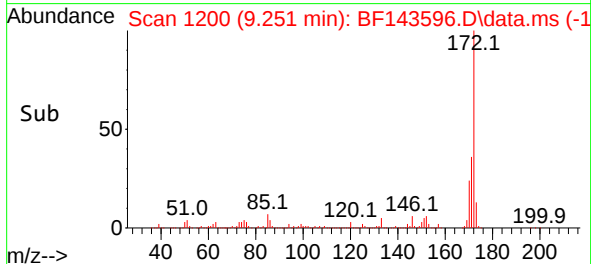
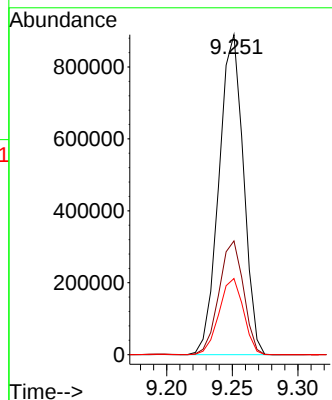
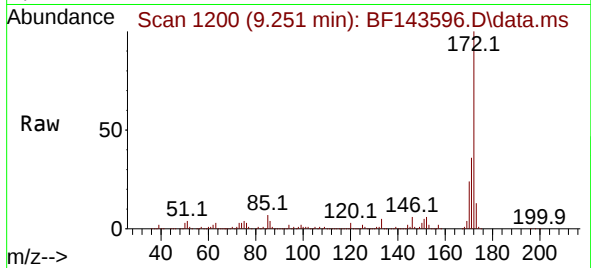




#45
2-Fluorobiphenyl
Concen: 79.179 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

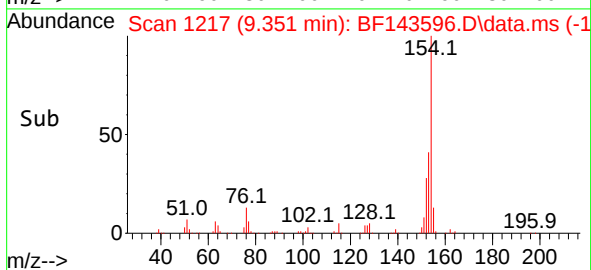
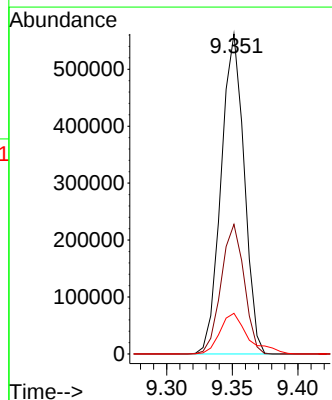
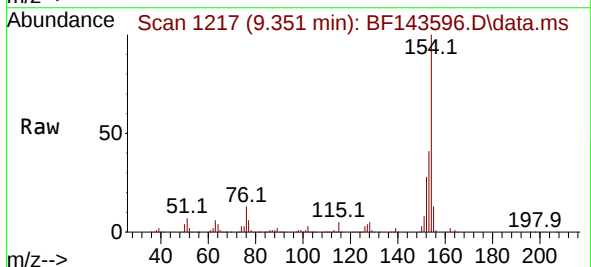
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

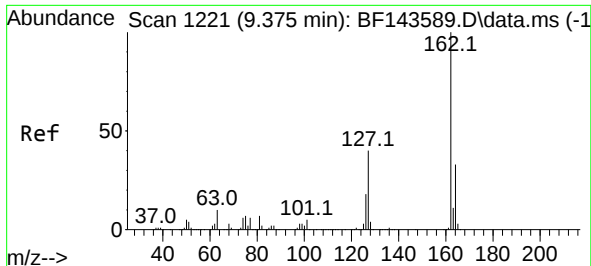
Tgt Ion:172 Resp: 1155930
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.634 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:154 Resp: 686435
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.7 0.0 33.0

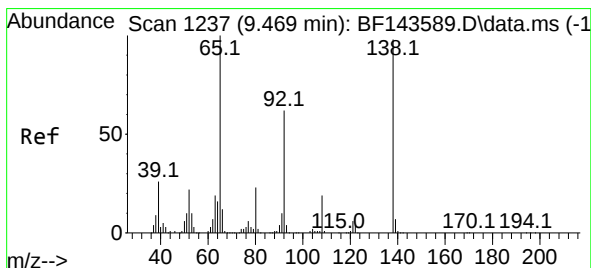
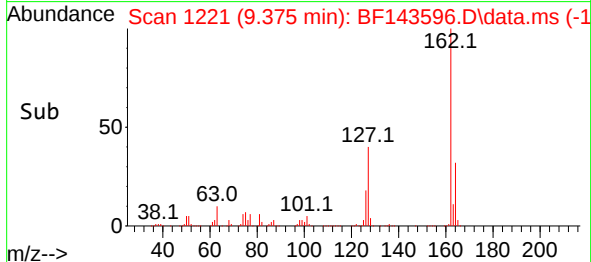
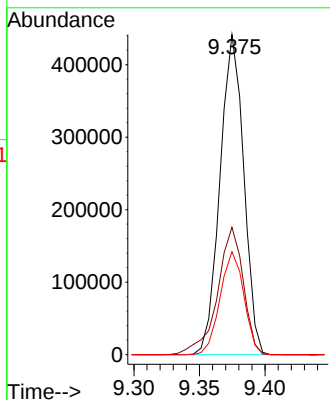
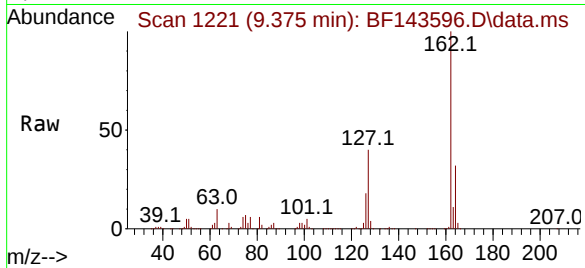




#47
2-Chloronaphthalene
Concen: 40.613 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

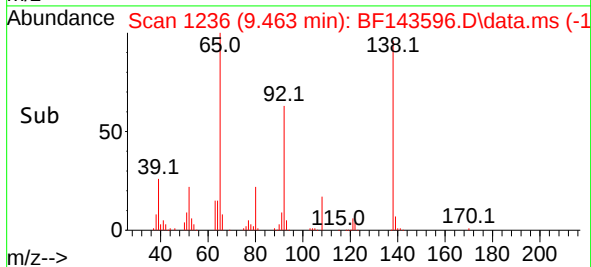
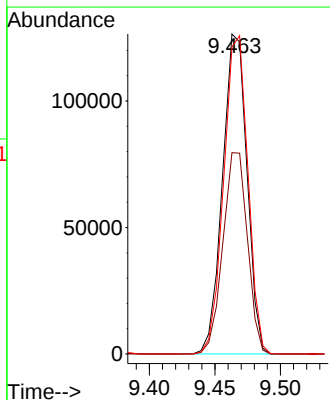
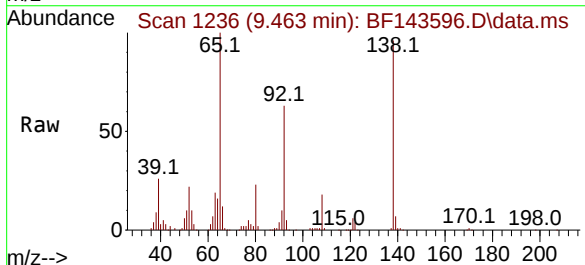
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

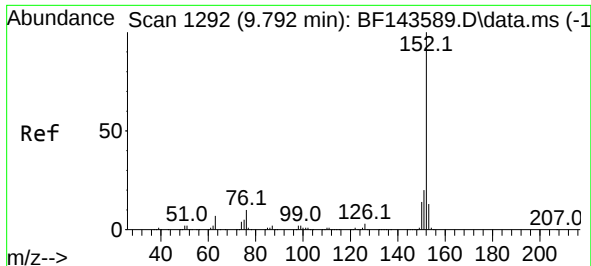
Tgt Ion:162 Resp: 555641
Ion Ratio Lower Upper
162 100
127 39.8 32.6 48.8
164 32.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.589 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion: 65 Resp: 163988
Ion Ratio Lower Upper
65 100
92 62.9 49.6 74.4
138 96.0 78.6 118.0

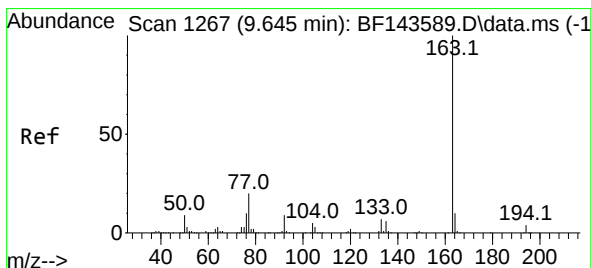
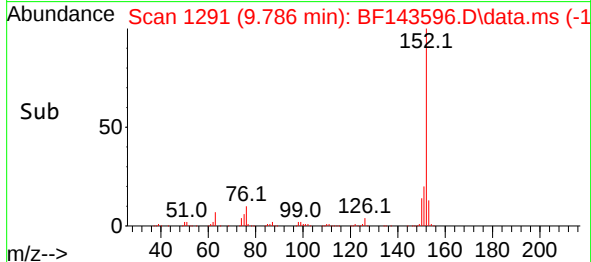
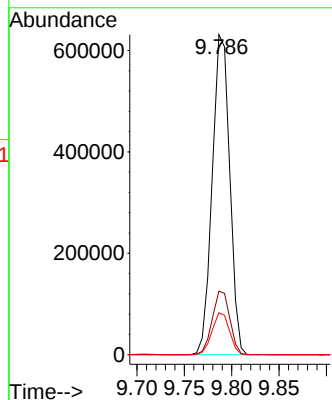
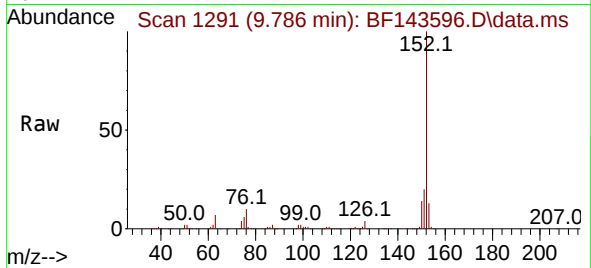




#49
Acenaphthylene
Concen: 40.678 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

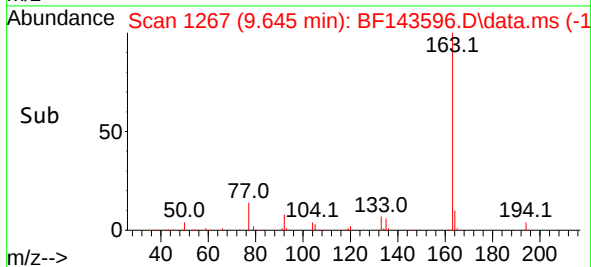
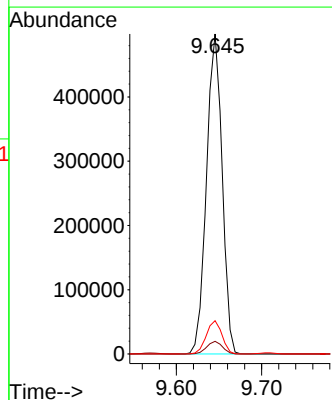
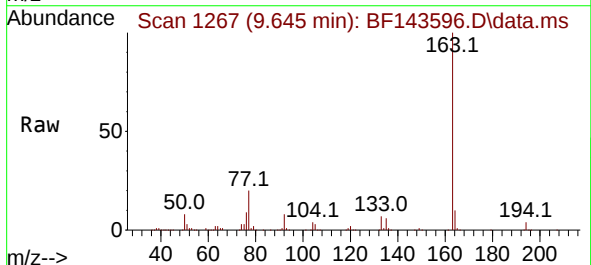
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

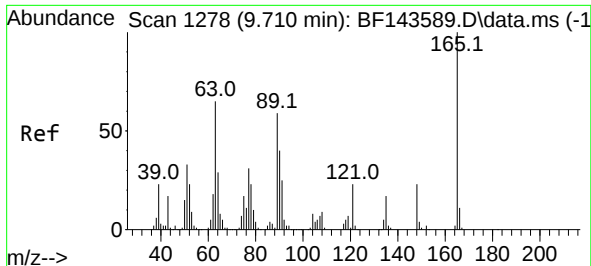
Tgt Ion:152 Resp: 809737
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.427 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:163 Resp: 636027
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.4 12.6

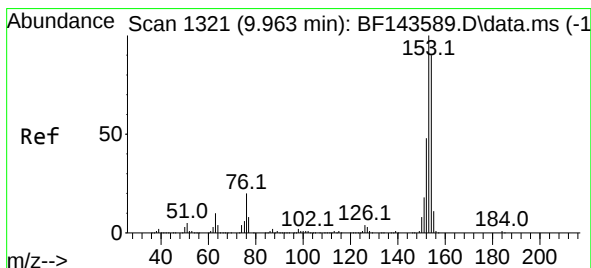
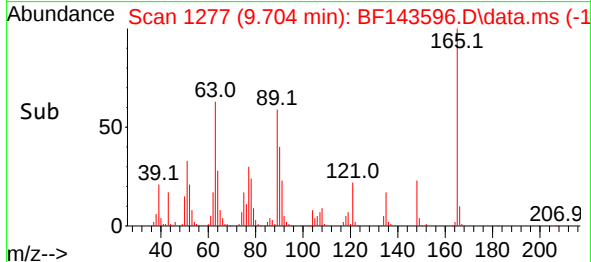
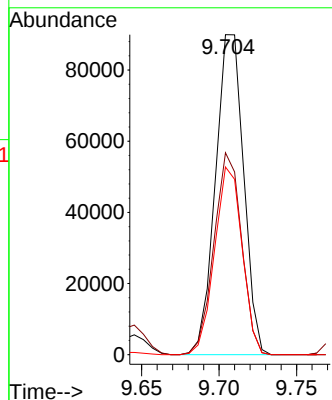
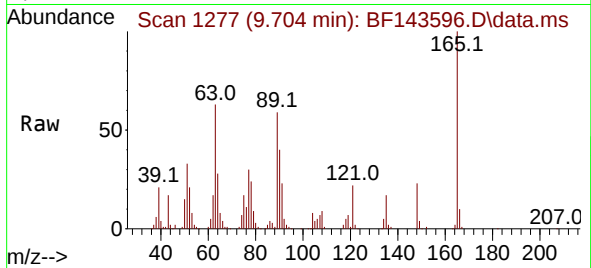




#51
2,6-Dinitrotoluene
Concen: 44.643 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

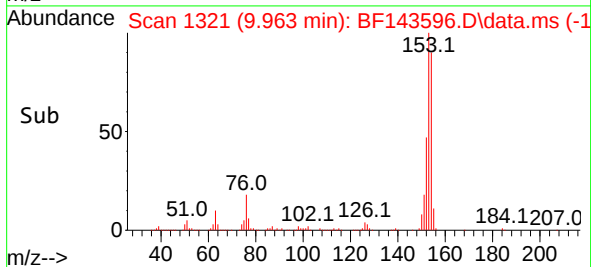
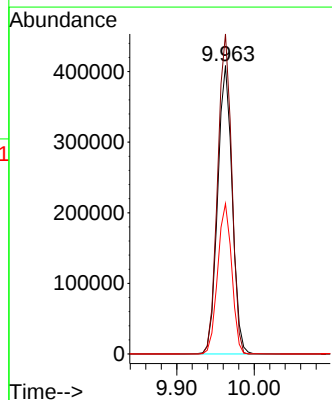
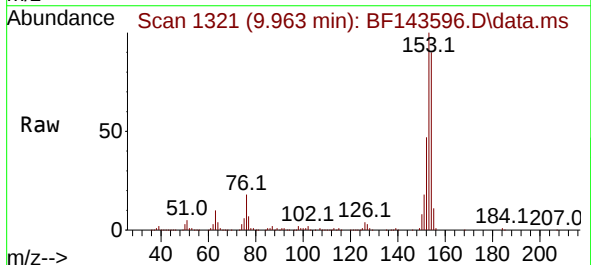
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

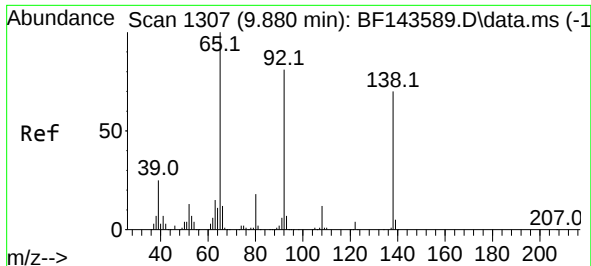
Tgt Ion:165 Resp: 114167
Ion Ratio Lower Upper
165 100
63 63.1 51.8 77.6
89 58.7 47.4 71.2



#52
Acenaphthene
Concen: 40.821 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:154 Resp: 532271
Ion Ratio Lower Upper
154 100
153 111.0 89.0 133.4
152 52.1 42.9 64.3

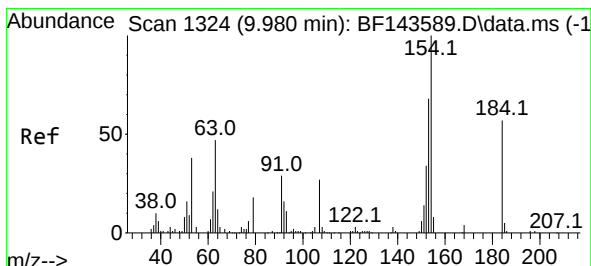
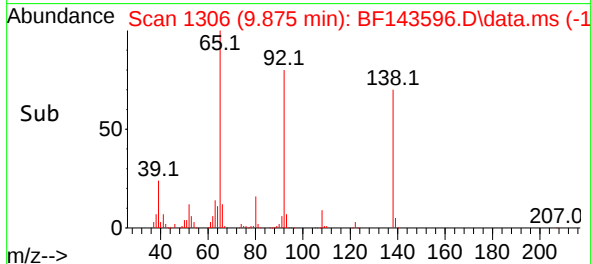
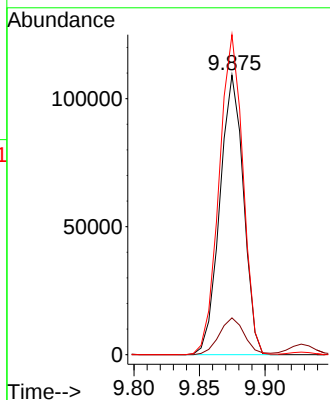
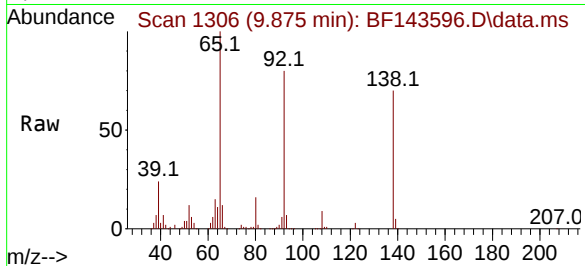




#53
3-Nitroaniline
Concen: 45.175 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

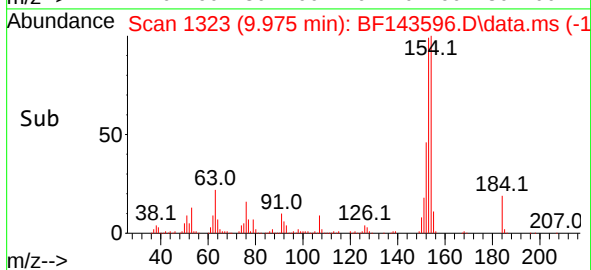
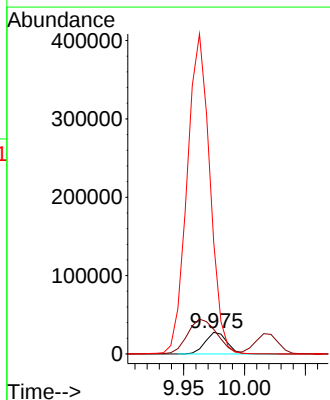
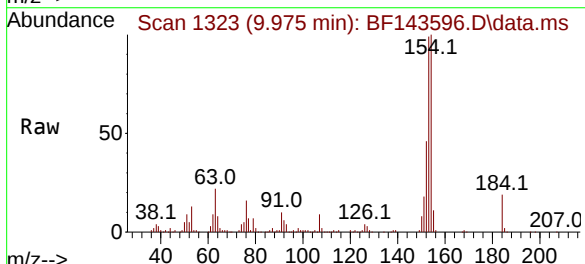
Instrument :
BNA_F
ClientSampleId :
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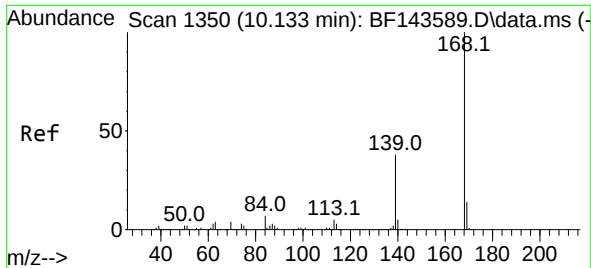
Tgt Ion:138 Resp: 136751
Ion Ratio Lower Upper
138 100
108 13.2 13.8 20.8#
92 114.5 92.6 139.0



#54
2,4-Dinitrophenol
Concen: 45.529 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:184 Resp: 34191
Ion Ratio Lower Upper
184 100
63 114.0 80.9 121.3
154 518.7 262.0 393.0#

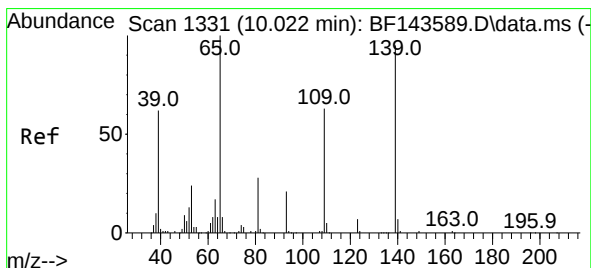
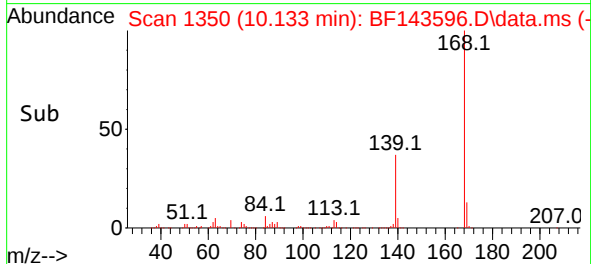
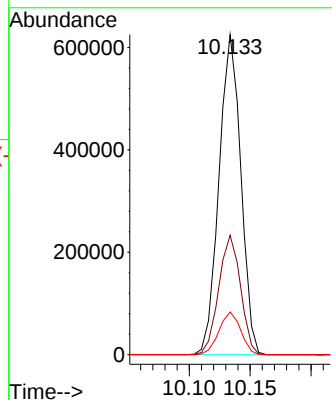
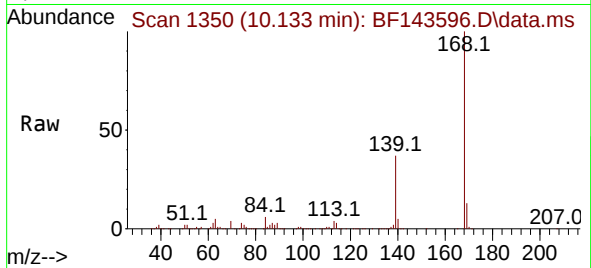




#55
Dibenzofuran
Concen: 40.798 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

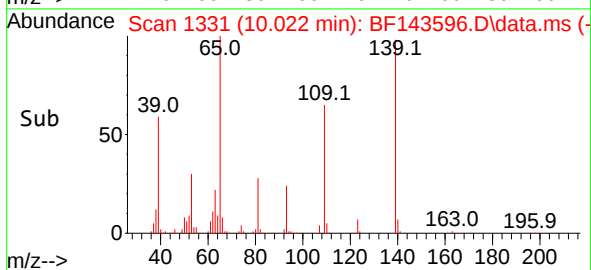
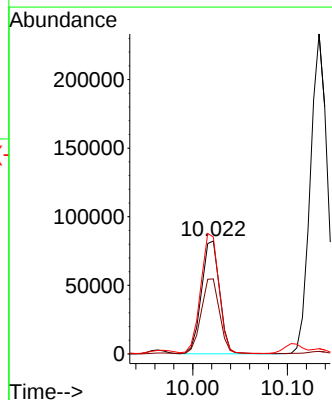
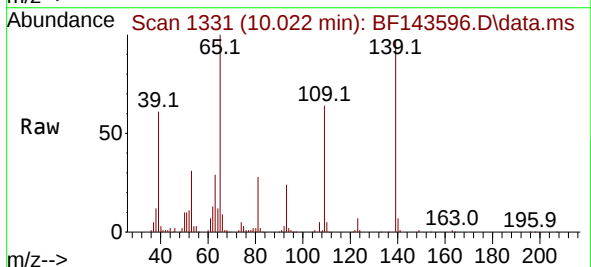
Instrument :
BNA_F
ClientSampleId :
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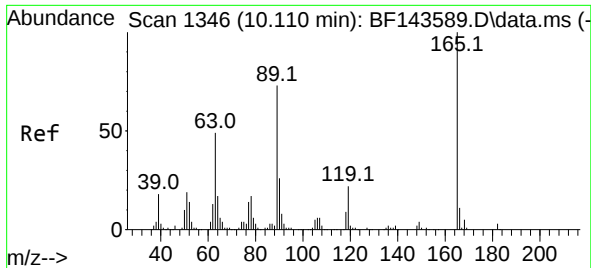
Tgt Ion:168 Resp: 779941
Ion Ratio Lower Upper
168 100
139 37.3 30.6 46.0
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 43.975 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:139 Resp: 109464
Ion Ratio Lower Upper
139 100
109 66.4 47.3 87.3
65 103.6 86.8 126.8

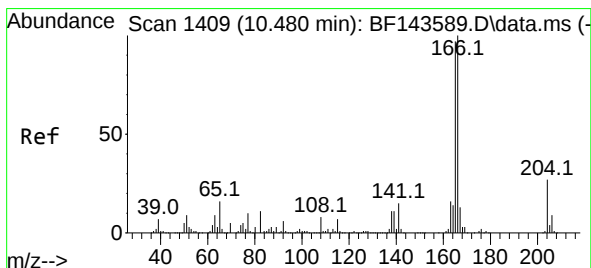
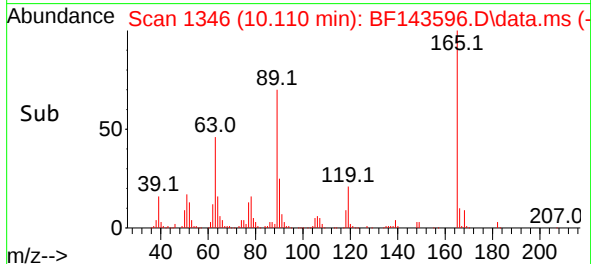
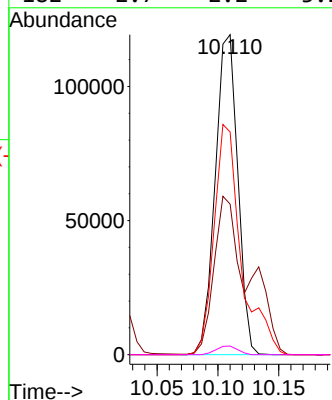
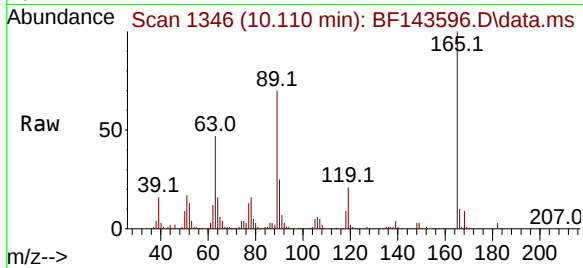




#57
2,4-Dinitrotoluene
Concen: 45.684 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

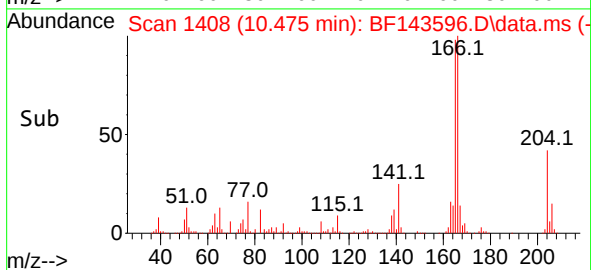
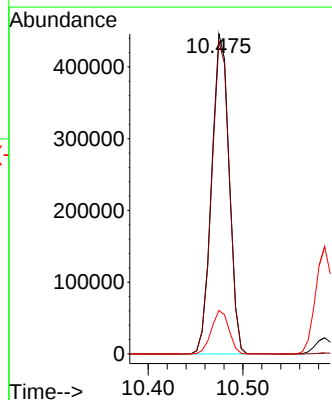
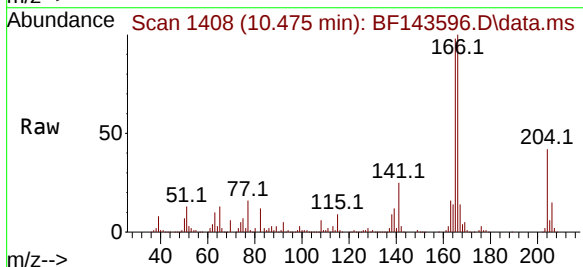
Instrument :
BNA_F
ClientSampleId :
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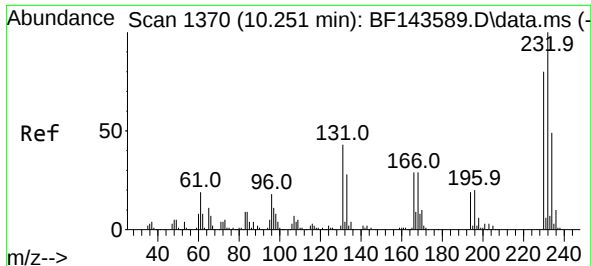
Tgt Ion:165 Resp: 153817
Ion Ratio Lower Upper
165 100
63 47.0 39.5 59.3
89 69.6 58.1 87.1
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.866 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:166 Resp: 572204
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 13.6 10.6 15.8

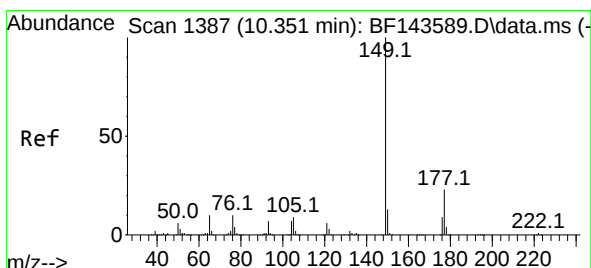
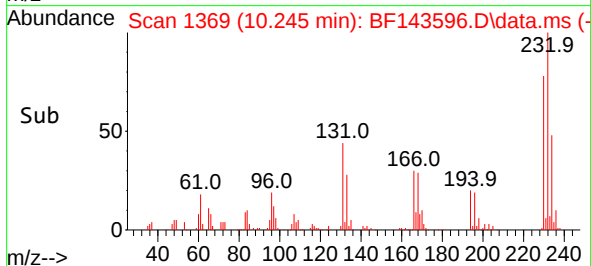
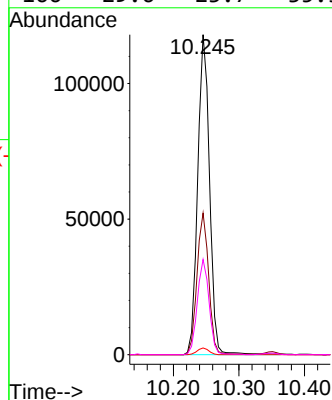
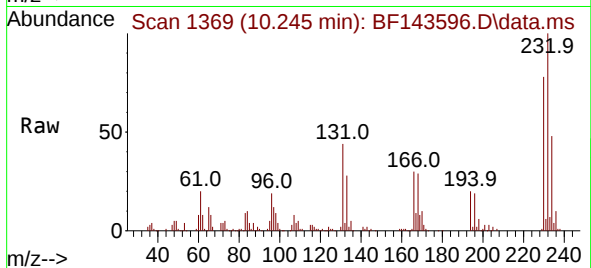




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.269 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

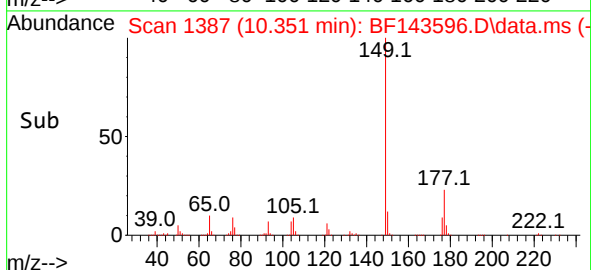
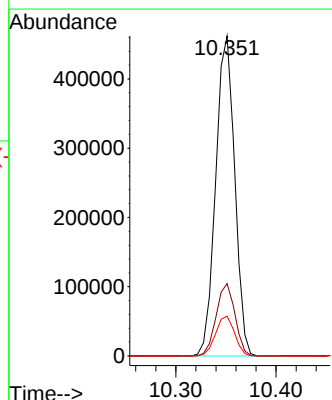
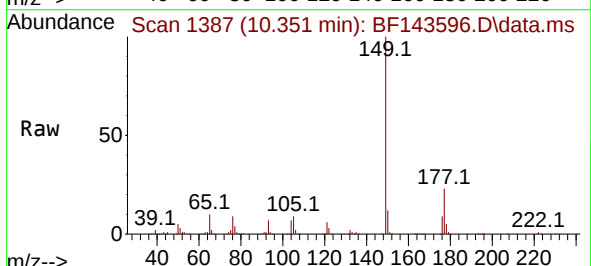
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

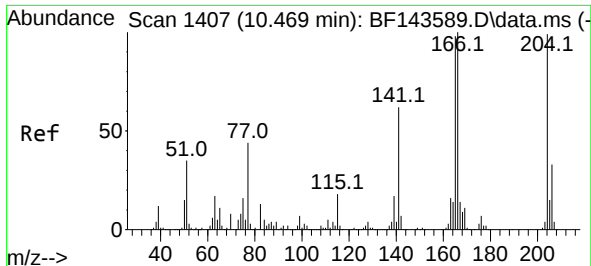
Tgt Ion:232 Resp: 148295
Ion Ratio Lower Upper
232 100
131 44.0 35.9 53.9
130 2.1 1.8 2.8
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 42.247 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 607854
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.5 10.1 15.1

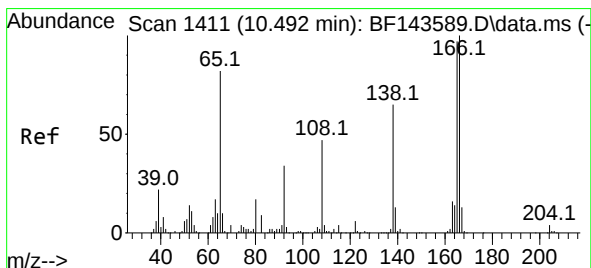
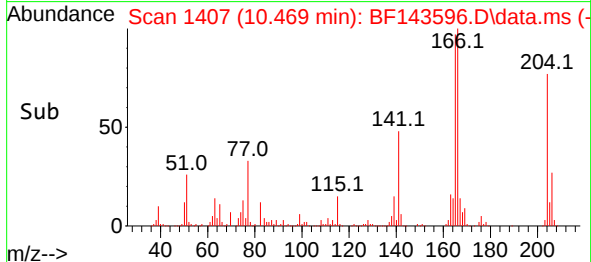
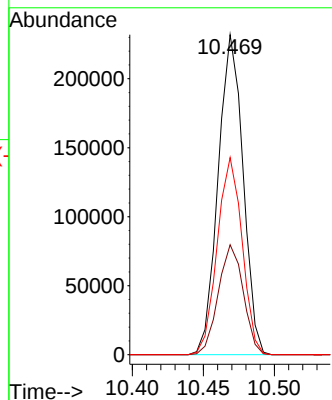
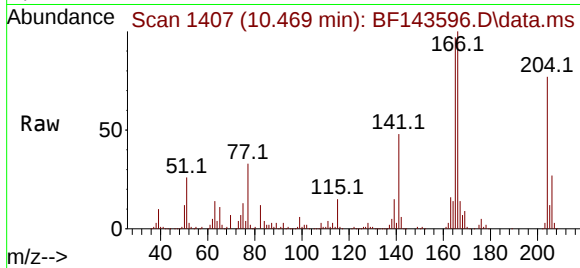




#61
4-Chlorophenyl-phenylether
Concen: 40.265 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

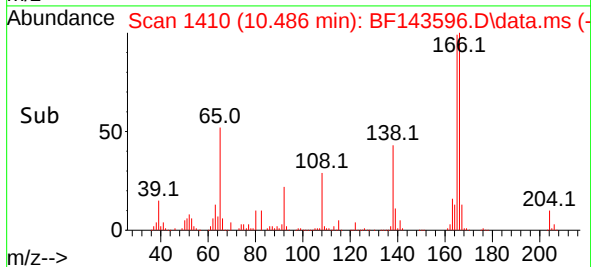
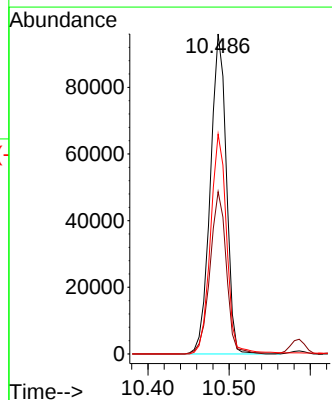
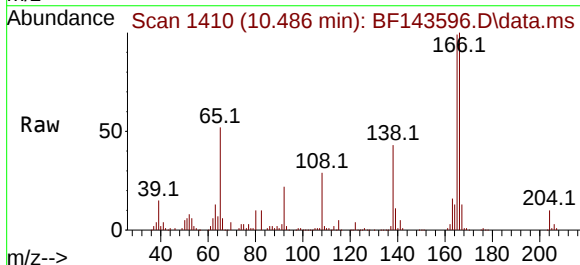
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

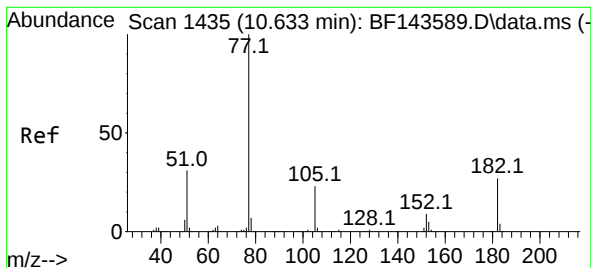
Tgt Ion:204 Resp: 282649
Ion Ratio Lower Upper
204 100
206 34.4 27.0 40.6
141 61.6 50.2 75.2



#62
4-Nitroaniline
Concen: 46.227 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:138 Resp: 131575
Ion Ratio Lower Upper
138 100
92 50.7 31.3 71.3
108 68.7 51.6 91.6





#63

Azobenzene

Concen: 41.009 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 598241

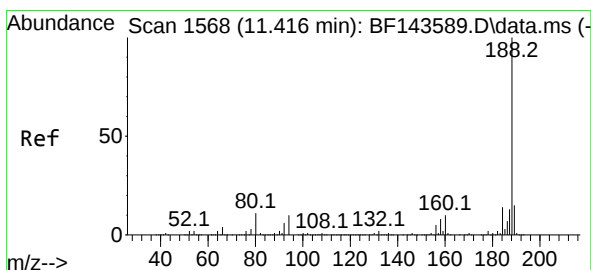
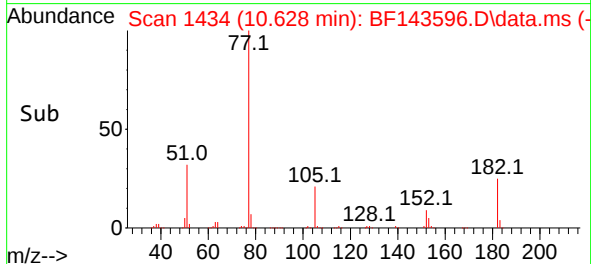
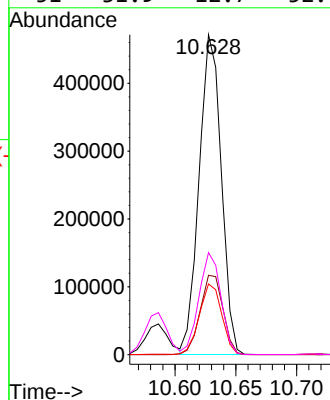
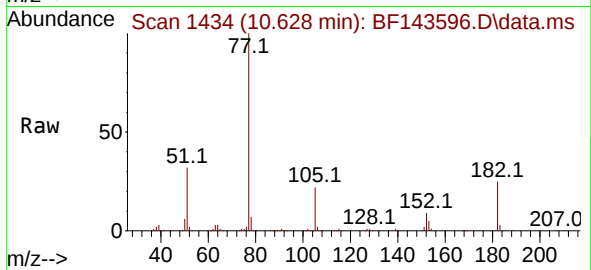
Ion Ratio Lower Upper

77 100

182 24.8 6.3 46.3

105 22.1 2.4 42.4

51 31.9 12.7 52.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

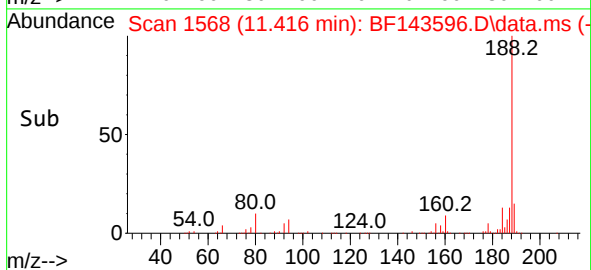
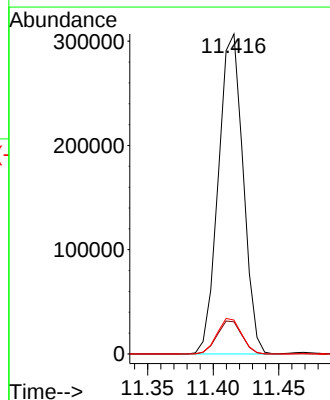
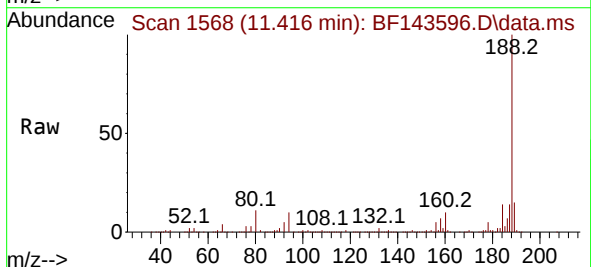
Tgt Ion: 188 Resp: 402587

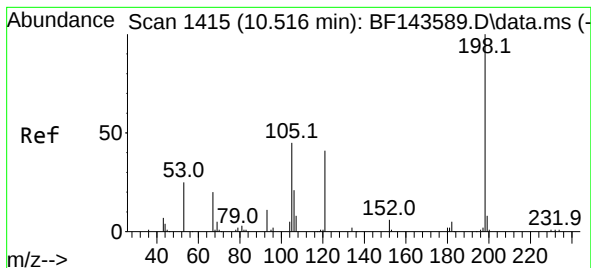
Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.6 8.9 13.3

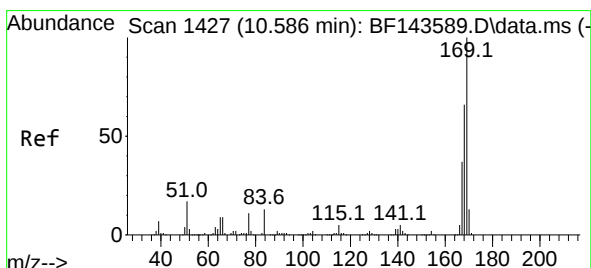
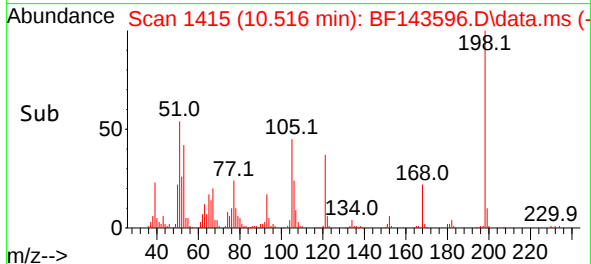
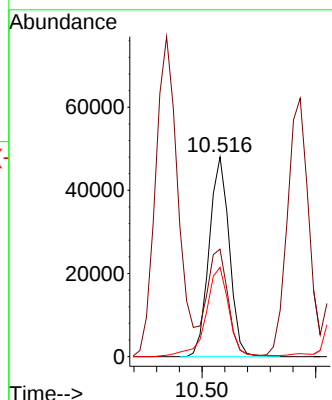
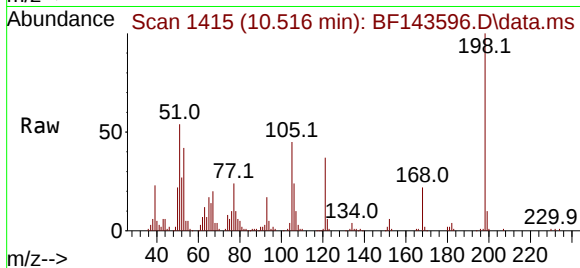




#65
4,6-Dinitro-2-methylphenol
Concen: 45.069 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

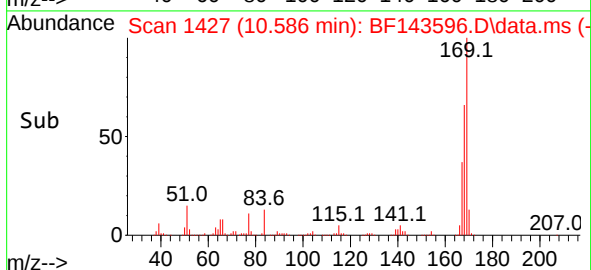
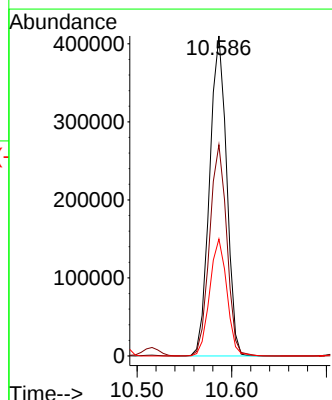
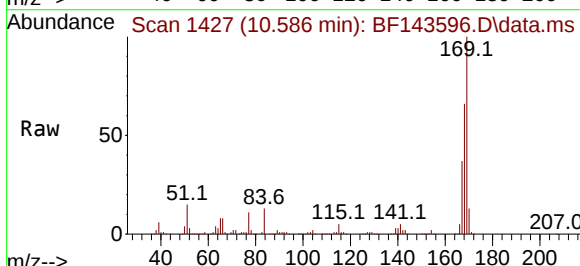
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

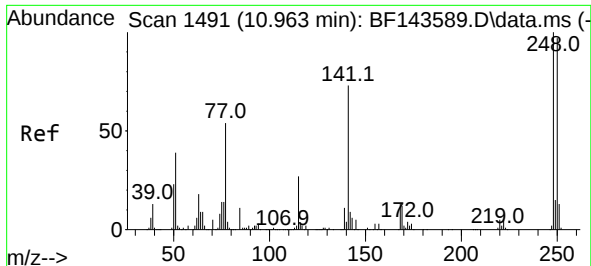
Tgt Ion:198 Resp: 59083
Ion Ratio Lower Upper
198 100
51 53.8 41.5 81.5
105 44.7 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 39.857 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:169 Resp: 510385
Ion Ratio Lower Upper
169 100
168 66.0 53.1 79.7
167 36.5 29.3 43.9

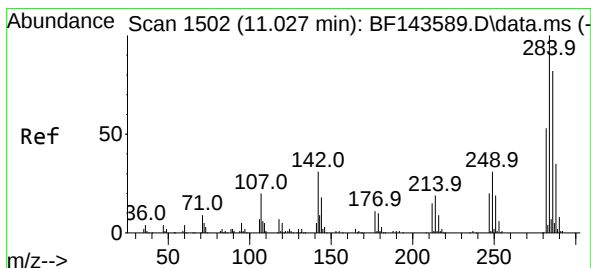
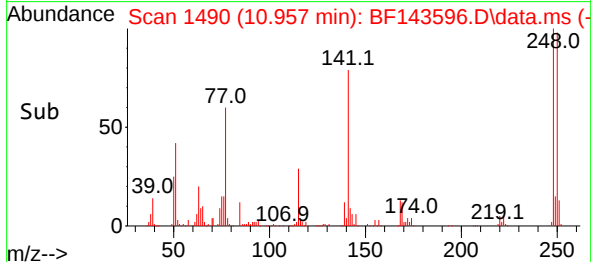
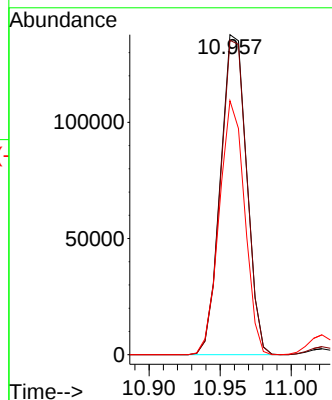
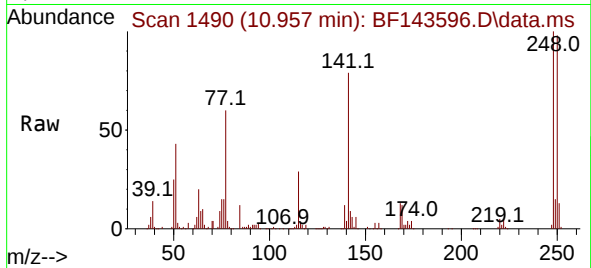




#67
4-Bromophenyl-phenylether
Concen: 40.641 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

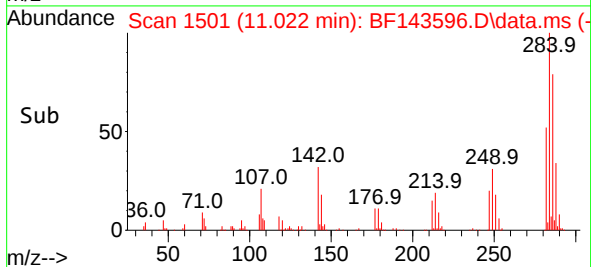
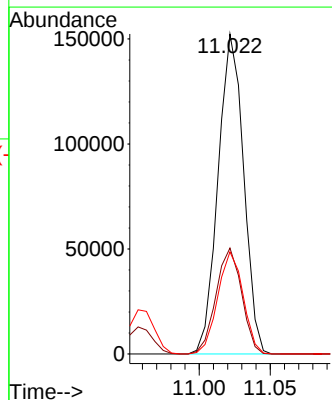
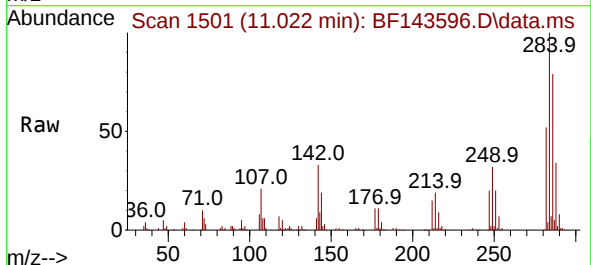
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

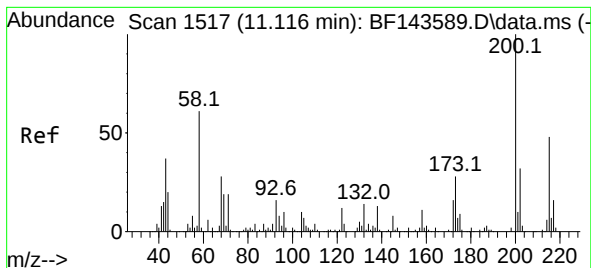
Tgt Ion:248 Resp: 176974
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 79.4 58.5 87.7



#68
Hexachlorobenzene
Concen: 40.837 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:284 Resp: 190212
Ion Ratio Lower Upper
284 100
142 33.1 24.7 37.1
249 31.9 25.0 37.6





#69

Atrazine

Concen: 43.078 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

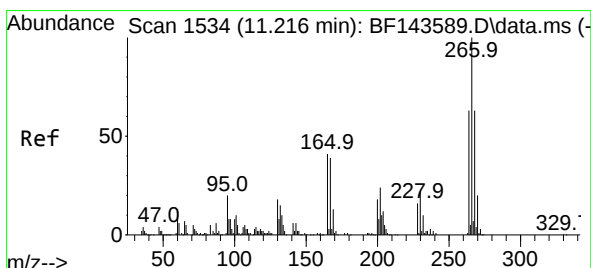
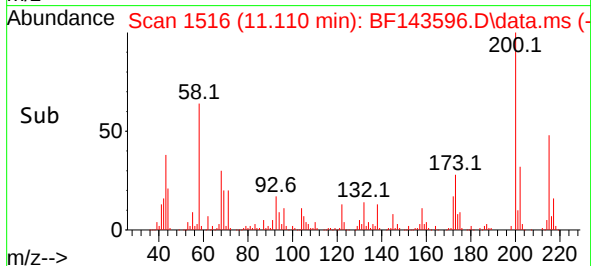
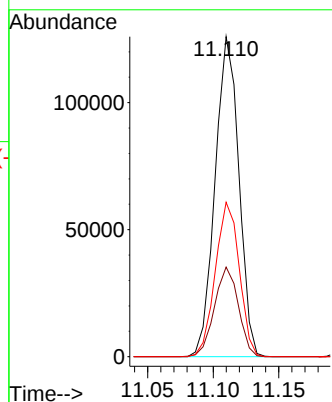
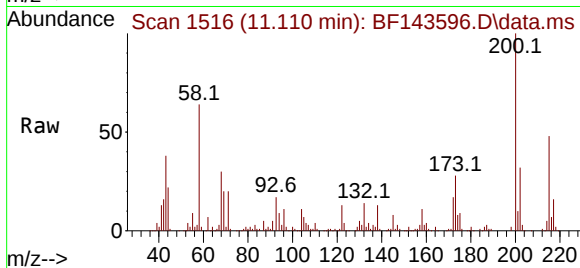
Tgt Ion:200 Resp: 158566

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 44.544 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

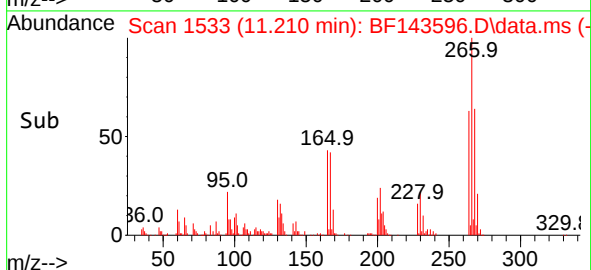
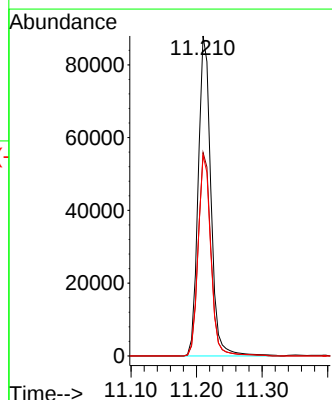
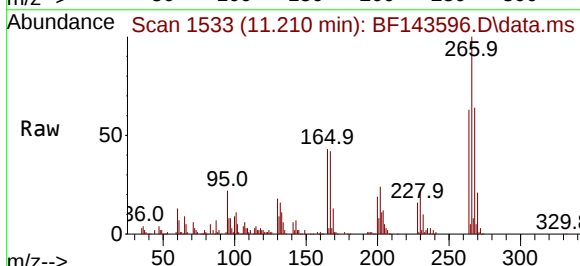
Tgt Ion:266 Resp: 118542

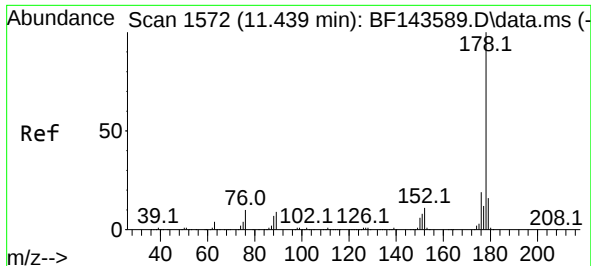
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.7 50.1 75.1

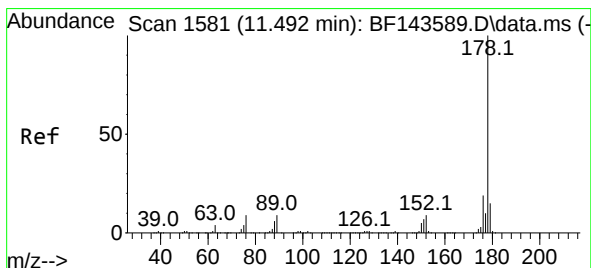
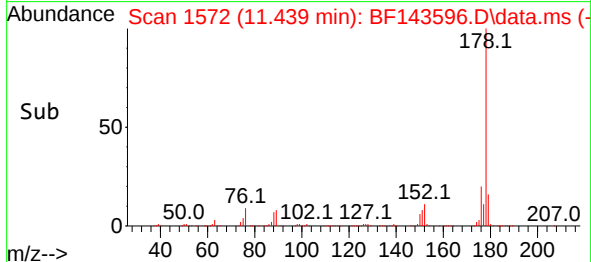
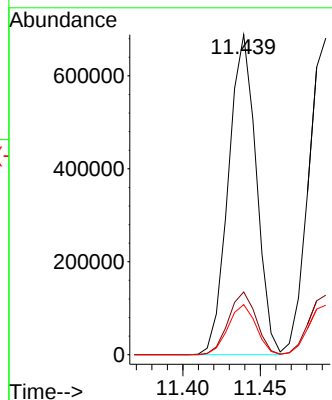
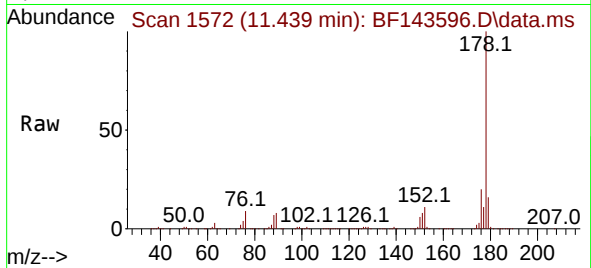




#71
Phenanthrene
Concen: 39.851 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

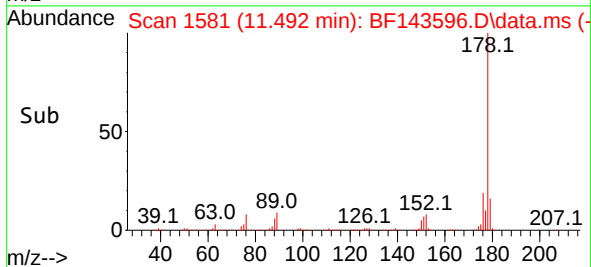
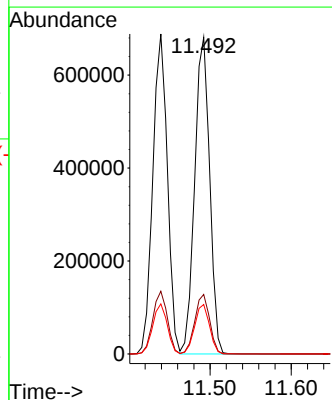
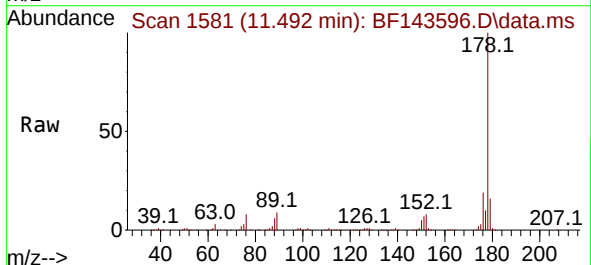
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

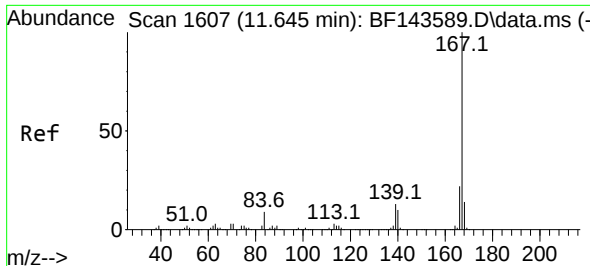
Tgt Ion:178 Resp: 859003
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 40.232 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:178 Resp: 873931
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.4 18.6

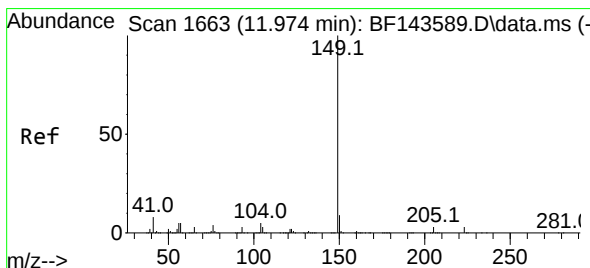
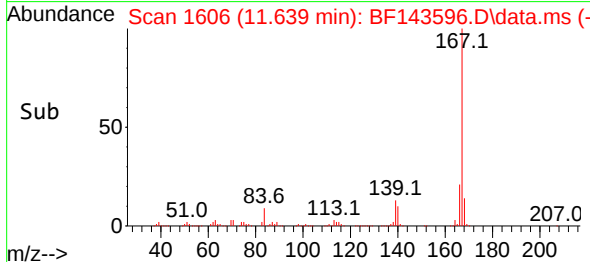
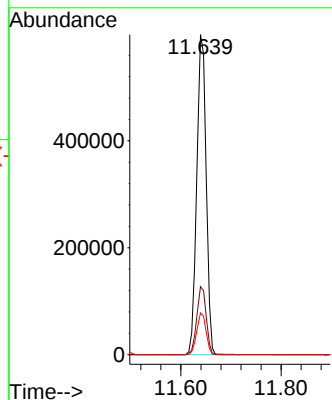
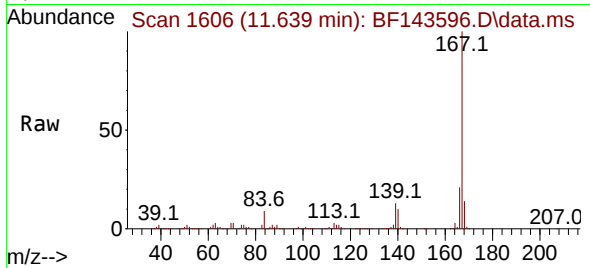




#73
 Carbazole
 Concen: 41.423 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

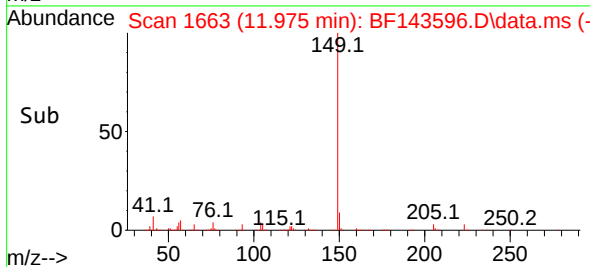
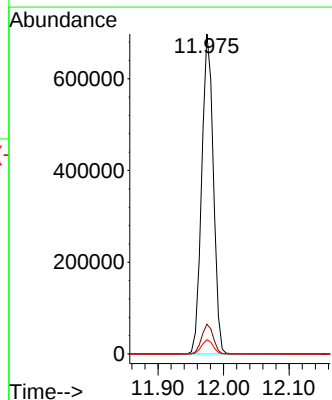
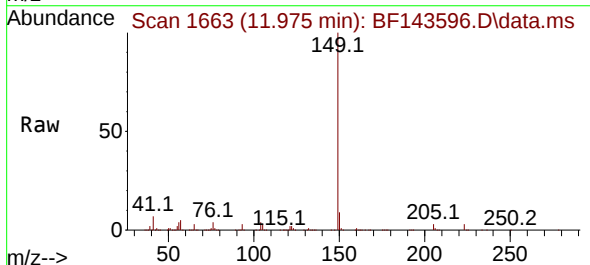
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

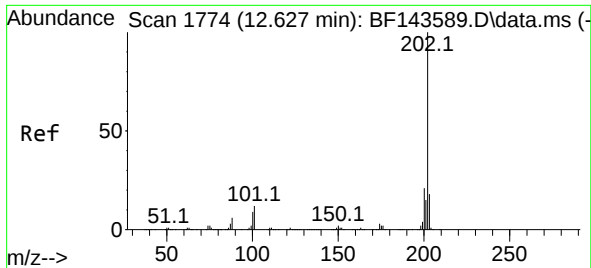
Tgt Ion:167 Resp: 777810
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 45.144 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

Tgt Ion:149 Resp: 863394
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.5 3.6 5.4

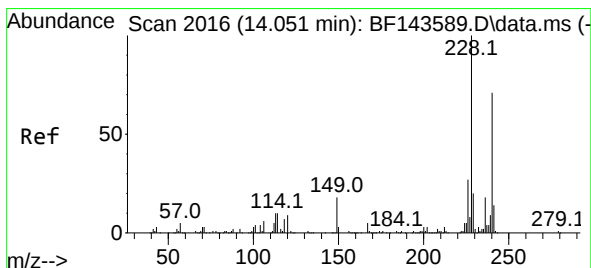
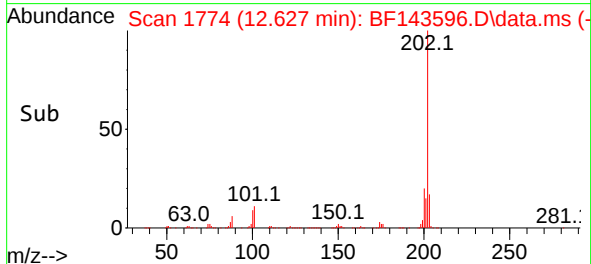
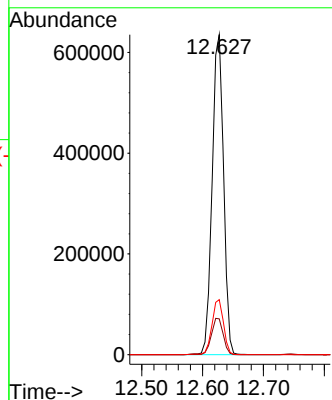
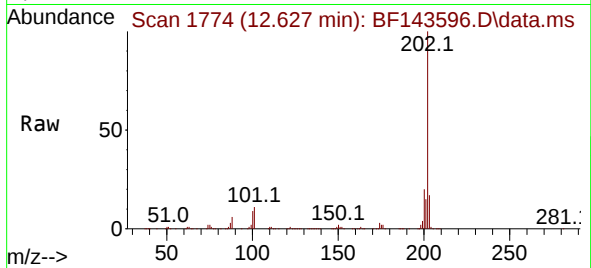




#75
Fluoranthene
Concen: 41.982 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

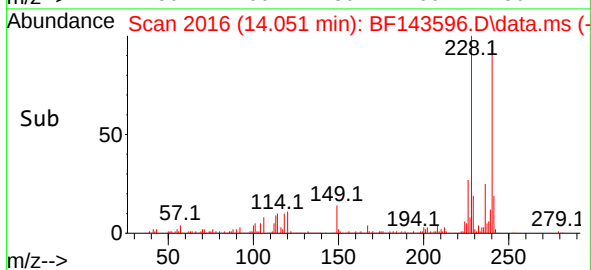
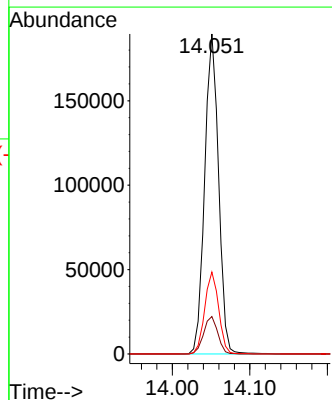
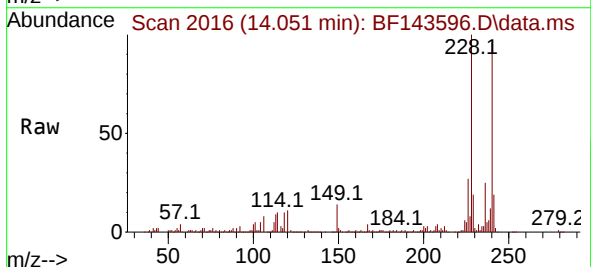
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

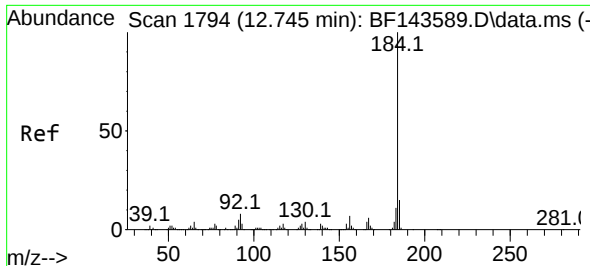
Tgt Ion:202 Resp: 826266
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:240 Resp: 235836
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 25.6 20.2 30.2

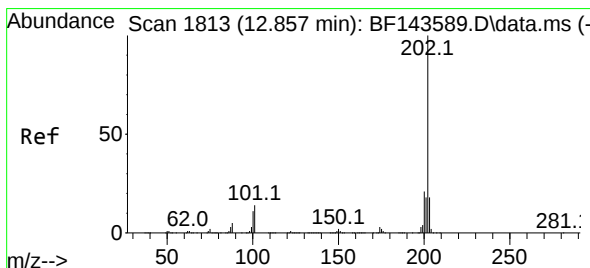
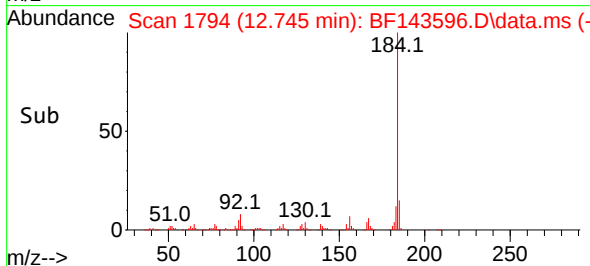
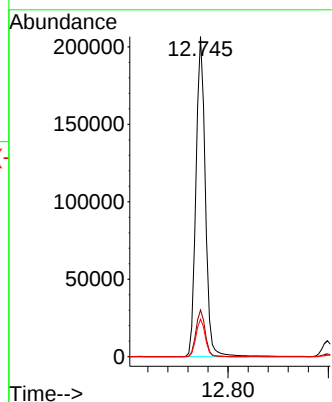
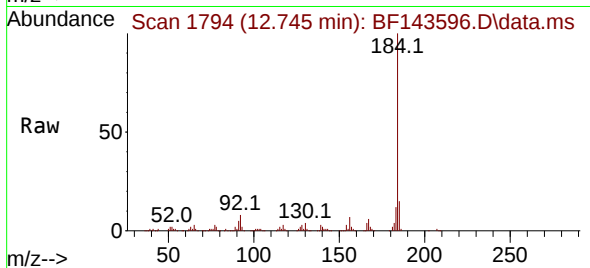




#77
Benzidine
Concen: 49.234 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

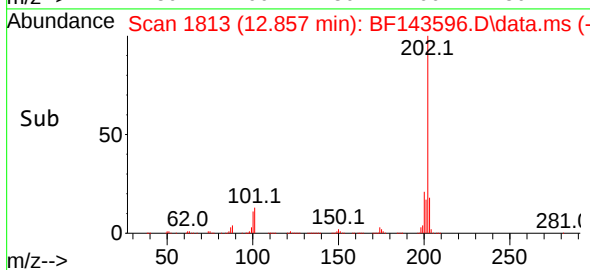
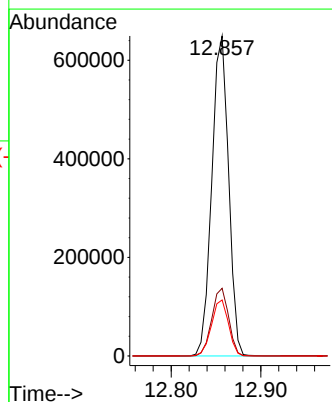
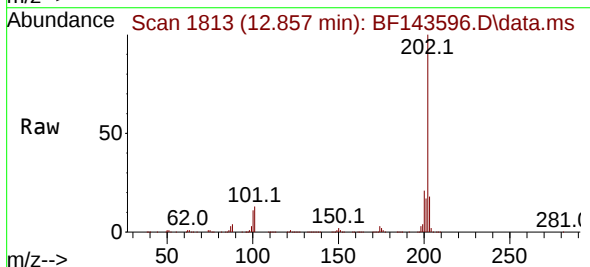
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

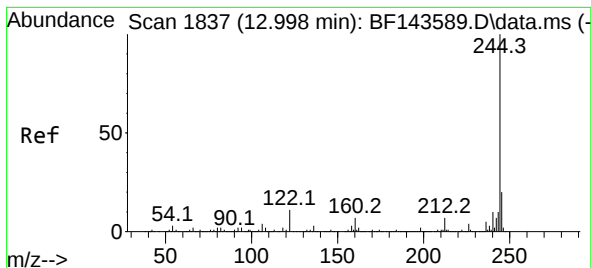
Tgt Ion:184 Resp: 267324
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.8 9.1 13.7



#78
Pyrene
Concen: 42.706 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

Tgt Ion:202 Resp: 842894
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 87.117 ng

RT: 12.998 min Scan# 1144918

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

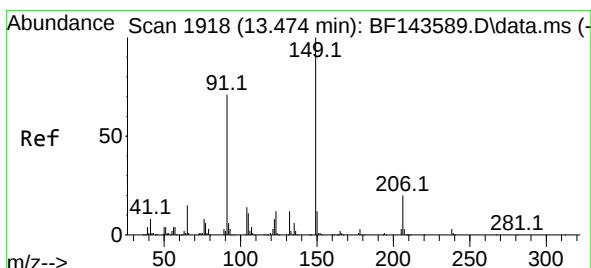
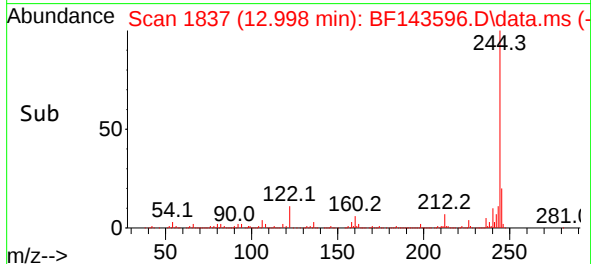
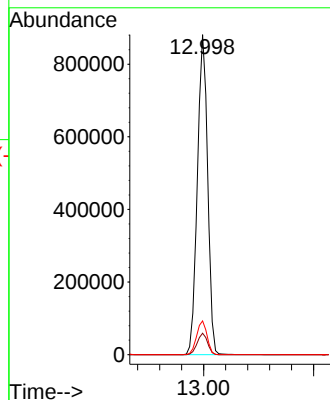
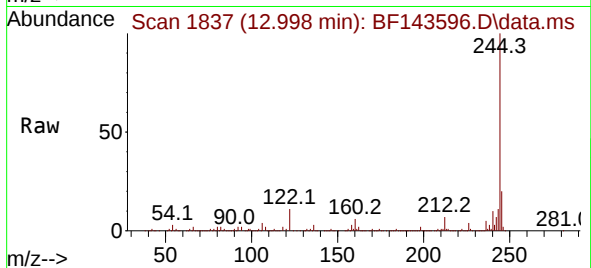
Tgt Ion:244 Resp: 1144918

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 42.234 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

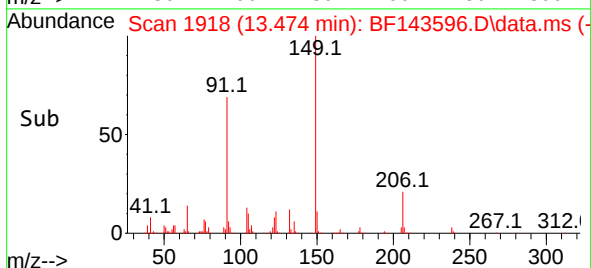
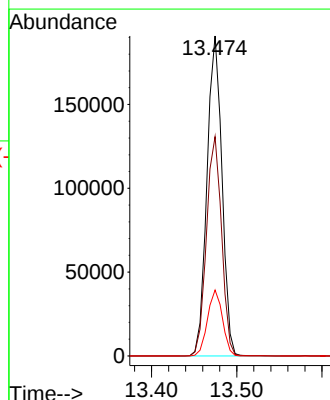
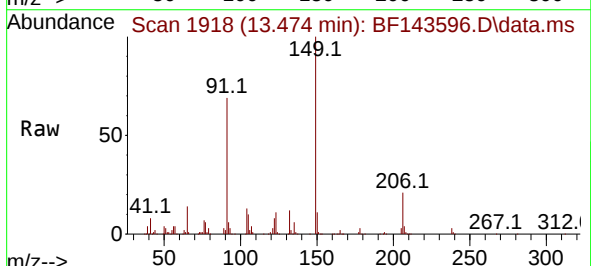
Tgt Ion:149 Resp: 232746

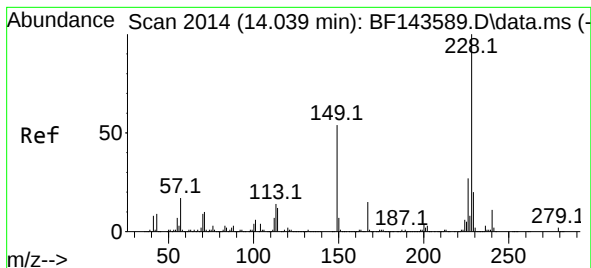
Ion Ratio Lower Upper

149 100

91 68.6 56.8 85.2

206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 40.621 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

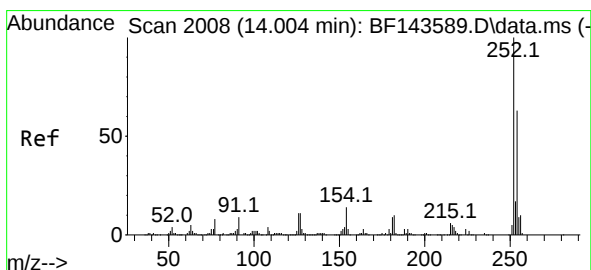
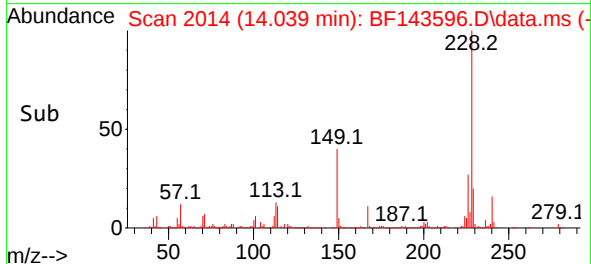
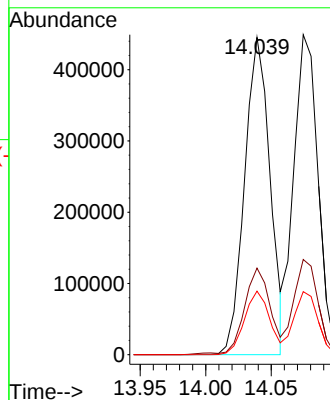
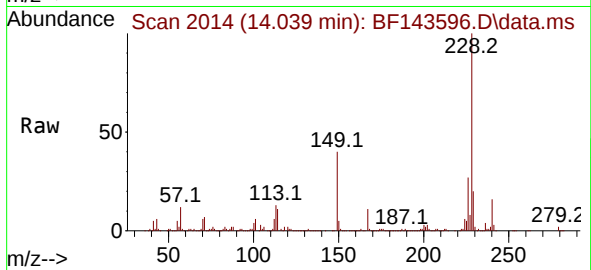
Tgt Ion:228 Resp: 602700

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 43.169 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

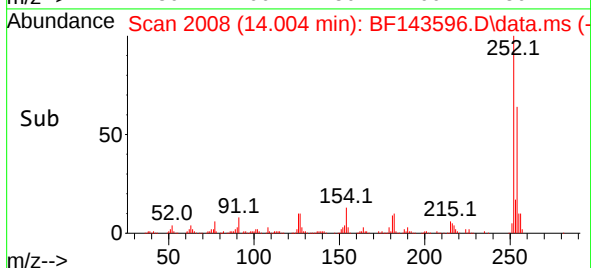
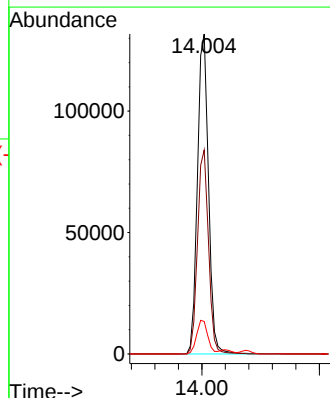
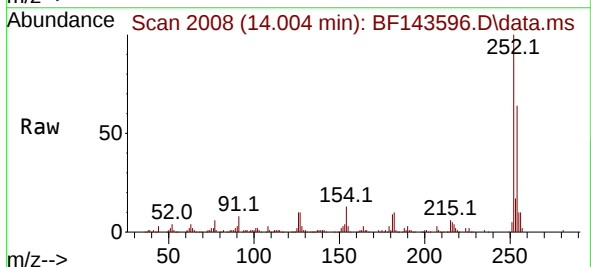
Tgt Ion:252 Resp: 171725

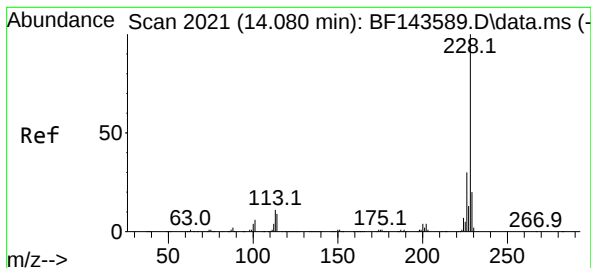
Ion Ratio Lower Upper

252 100

254 63.8 50.2 75.2

126 10.1 9.1 13.7





#83

Chrysene

Concen: 41.939 ng

RT: 14.074 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

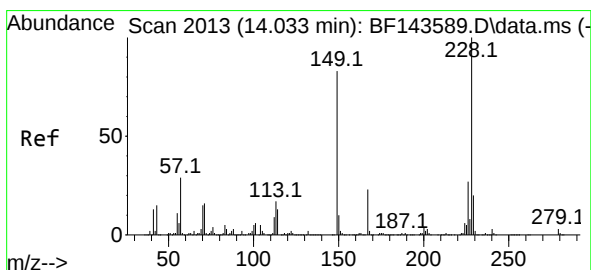
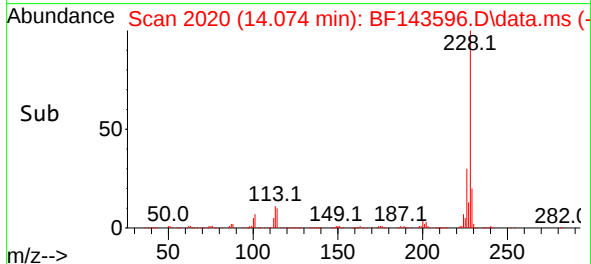
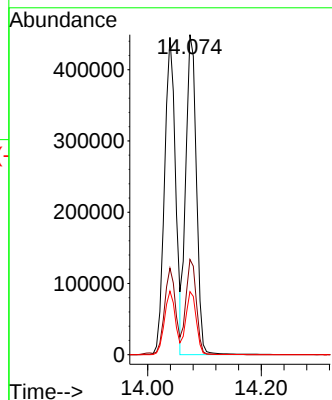
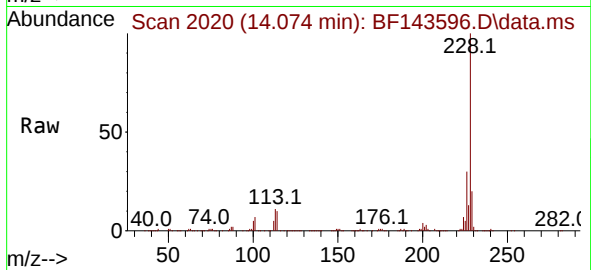
Tgt Ion:228 Resp: 579917

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.368 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

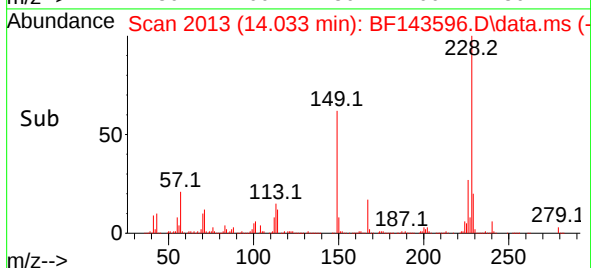
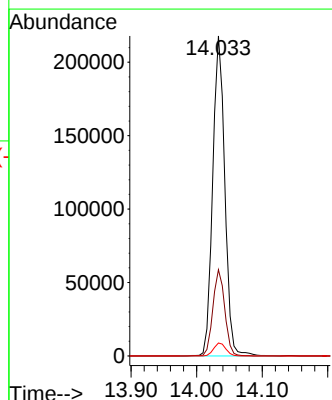
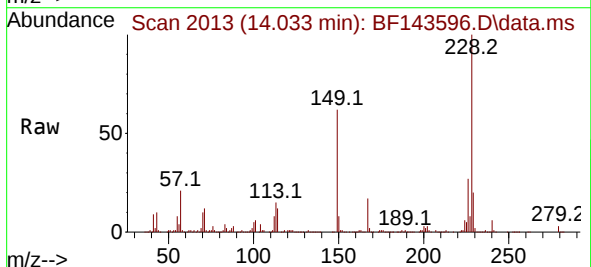
Tgt Ion:149 Resp: 279680

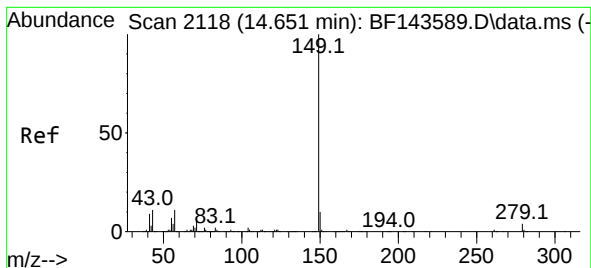
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 35.945 ng

RT: 14.645 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

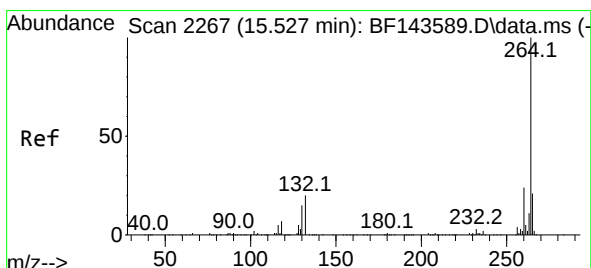
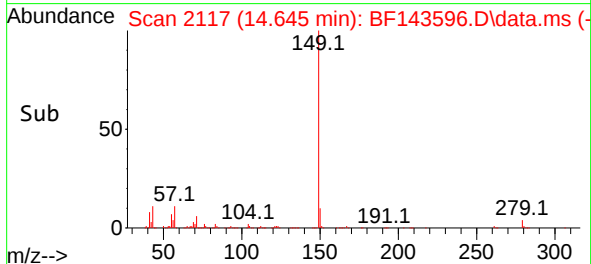
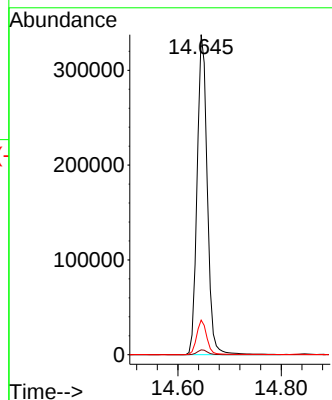
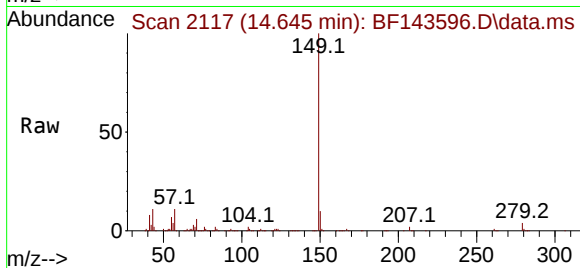
Tgt Ion:149 Resp: 459386

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF143596.D

Acq: 27 Aug 2025 09:16

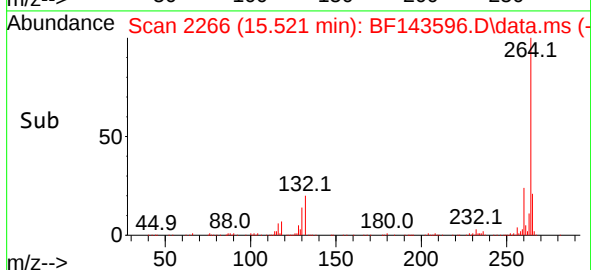
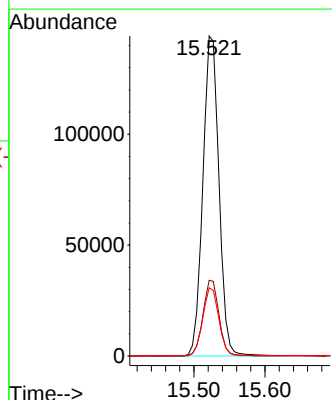
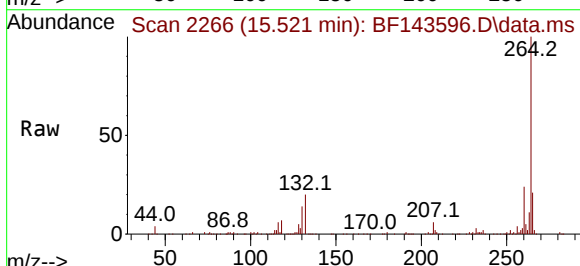
Tgt Ion:264 Resp: 227679

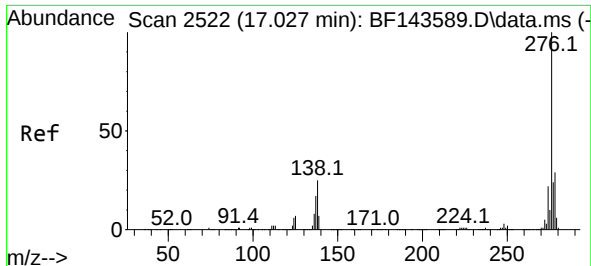
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.3 17.0 25.4

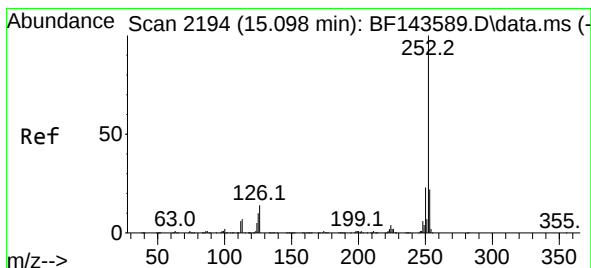
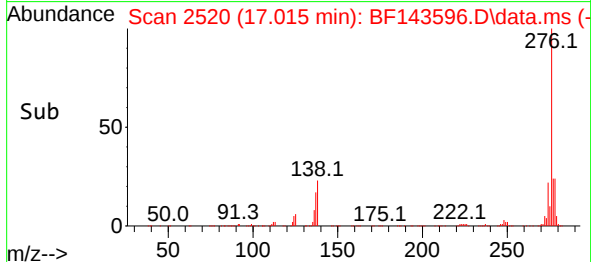
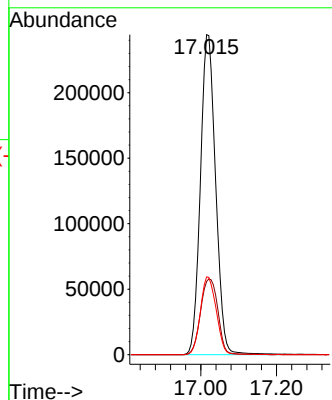
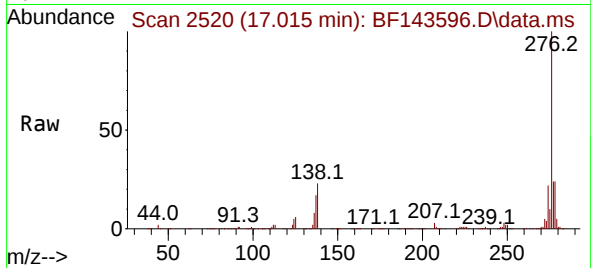




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.961 ng
 RT: 17.015 min Scan# 2193
 Delta R.T. -0.012 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

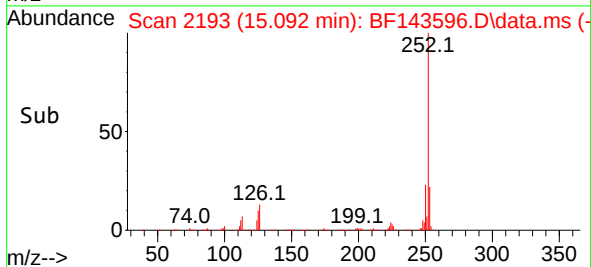
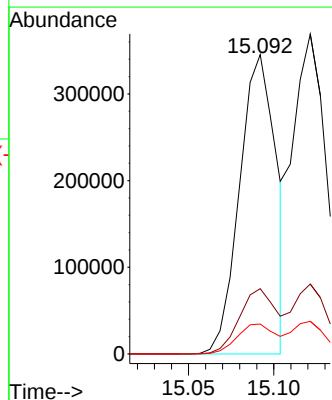
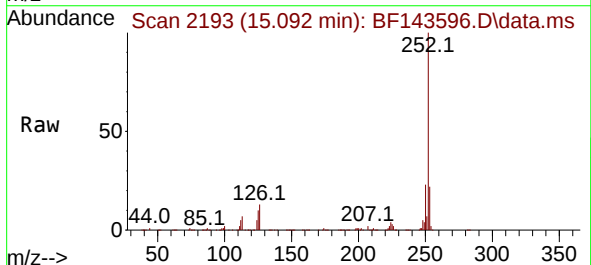
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

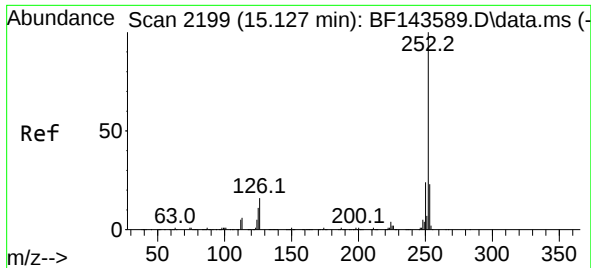
Tgt Ion:276 Resp: 680968
 Ion Ratio Lower Upper
 276 100
 138 26.8 22.3 33.5
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 39.451 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF143596.D
 Acq: 27 Aug 2025 09:16

Tgt Ion:252 Resp: 513211
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.0 8.2 12.2

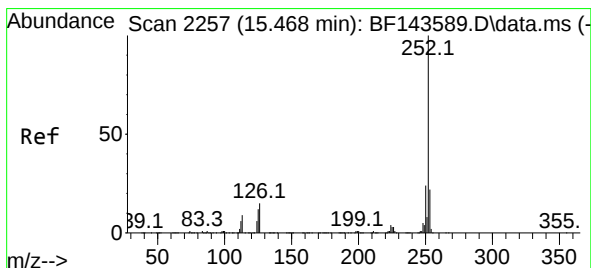
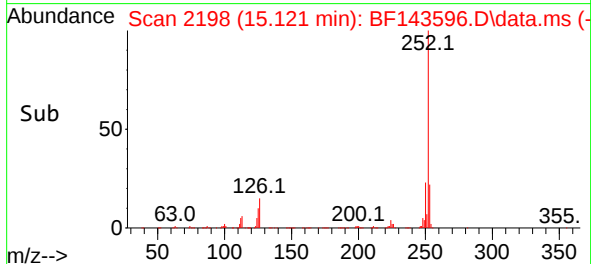
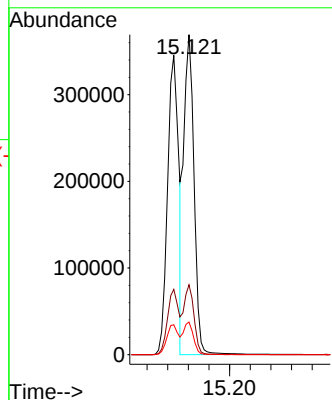
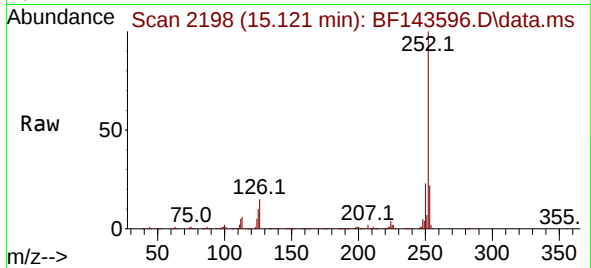




#89
Benzo(k)fluoranthene
Concen: 42.213 ng
RT: 15.121 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

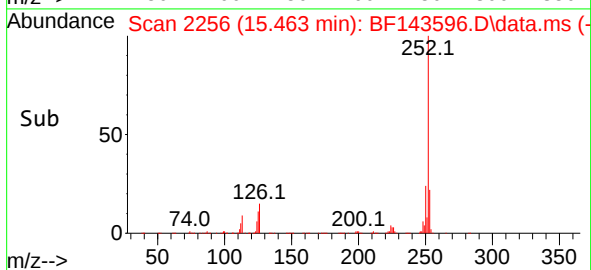
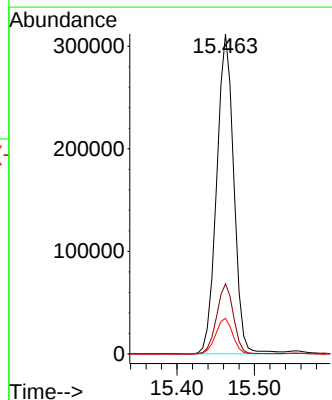
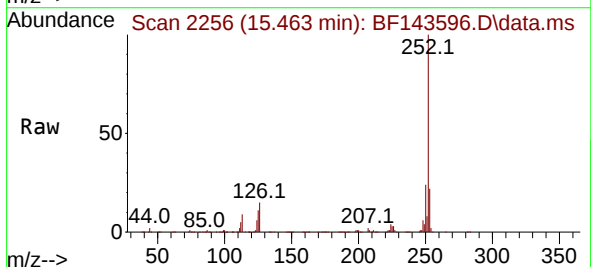
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

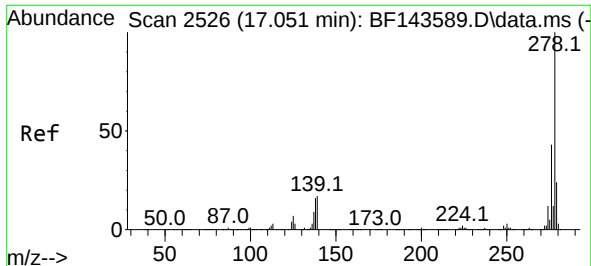
Tgt Ion:252 Resp: 513447
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 41.668 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

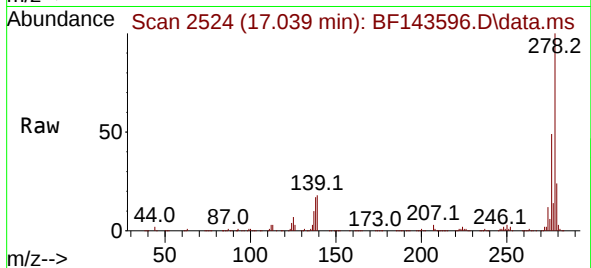
Tgt Ion:252 Resp: 478931
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.2 9.2 13.8



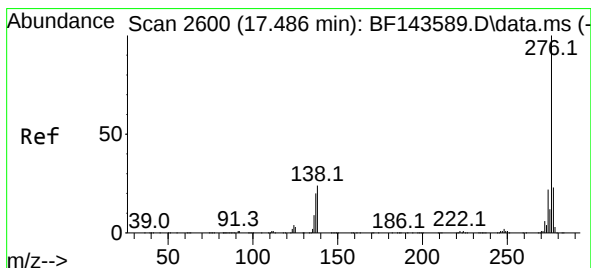
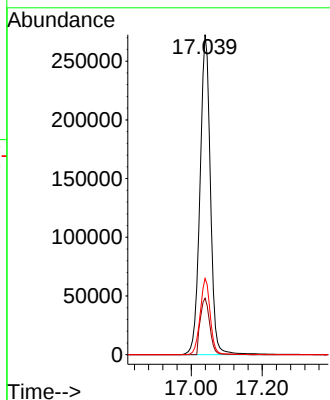
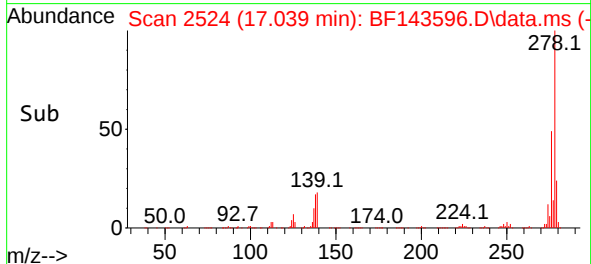


#91
Dibenzo(a,h)anthracene
Concen: 43.972 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16

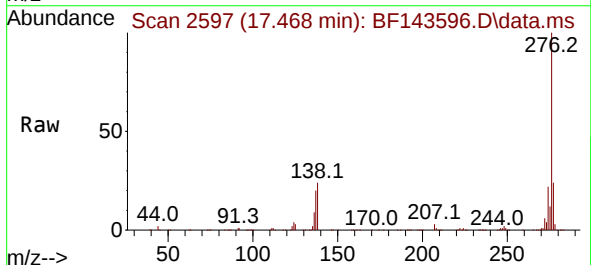
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 557476
Ion Ratio Lower Upper
278 100
139 17.6 13.8 20.8
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 43.496 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.017 min
Lab File: BF143596.D
Acq: 27 Aug 2025 09:16



Tgt Ion:276 Resp: 545942
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 24.2 19.1 28.7

