

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143189.D
 Acq On : 22 Jul 2025 15:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 15:54:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121745	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	475525	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	246814	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	395216	20.000	ng	0.00
76) Chrysene-d12	14.127	240	234922	20.000	ng	0.00
86) Perylene-d12	15.633	264	268523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	609302	79.198	ng	0.00
7) Phenol-d6	6.587	99	775213	80.055	ng	0.00
23) Nitrobenzene-d5	7.522	82	775249	81.266	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	206842	81.123	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1384823	76.735	ng	0.00
79) Terphenyl-d14	13.069	244	1177750	74.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	141823	38.959	ng	100
3) Pyridine	3.587	79	371810	39.351	ng	99
4) n-Nitrosodimethylamine	3.522	42	196228	40.224	ng	98
6) Aniline	6.628	93	538010	39.865	ng	99
8) 2-Chlorophenol	6.751	128	326533	40.492	ng	98
9) Benzaldehyde	6.516	77	275389	37.926	ng	100
10) Phenol	6.598	94	445290	42.211	ng	98
11) bis(2-Chloroethyl)ether	6.693	93	320130	39.634	ng	99
12) 1,3-Dichlorobenzene	6.910	146	348639	39.797	ng	99
13) 1,4-Dichlorobenzene	6.981	146	354325	40.163	ng	100
14) 1,2-Dichlorobenzene	7.134	146	339632	40.476	ng	99
15) Benzyl Alcohol	7.098	79	301897	40.831	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	606219	40.459	ng	99
17) 2-Methylphenol	7.210	107	274065	40.419	ng	99
18) Hexachloroethane	7.481	117	126249	41.338	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	242073	38.965	ng	99
20) 3+4-Methylphenols	7.363	107	340248	41.359	ng	# 83
22) Acetophenone	7.369	105	439058	38.999	ng	99
24) Nitrobenzene	7.540	77	364284	40.959	ng	97
25) Isophorone	7.781	82	660564	39.224	ng	100
26) 2-Nitrophenol	7.857	139	170696	44.222	ng	98
27) 2,4-Dimethylphenol	7.892	122	307026	39.022	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	393674	38.989	ng	100
29) 2,4-Dichlorophenol	8.098	162	266947	40.231	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	281712	39.298	ng	100
31) Naphthalene	8.269	128	922608	39.396	ng	100
32) Benzoic acid	7.987	122	189740	43.370	ng	100
33) 4-Chloroaniline	8.310	127	379789	39.717	ng	100
34) Hexachlorobutadiene	8.392	225	173811	39.691	ng	98
35) Caprolactam	8.675	113	83668	41.728	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	286577	39.736	ng	98
37) 2-Methylnaphthalene	8.957	142	558861	39.216	ng	100
38) 1-Methylnaphthalene	9.057	142	579800	39.510	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	276101	38.747	ng	99
41) Hexachlorocyclopentadiene	9.116	237	183333	39.541	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	192759	39.086	ng	99

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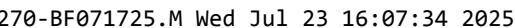
Instrument :
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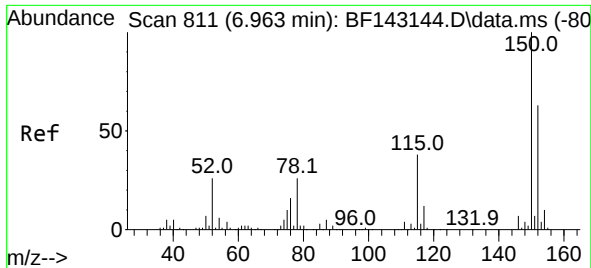
Quant Time: Jul 22 15:54:55 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	198731	40.285	ng	98
46) 1,1'-Biphenyl	9.422	154	754285	39.171	ng	99
47) 2-Chloronaphthalene	9.445	162	551856	38.731	ng	100
48) 2-Nitroaniline	9.534	65	190970	42.740	ng	98
49) Acenaphthylene	9.863	152	934478	39.136	ng	100
50) Dimethylphthalate	9.716	163	629874	39.152	ng	100
51) 2,6-Dinitrotoluene	9.775	165	136310	41.650	ng	98
52) Acenaphthene	10.039	154	556618	39.440	ng	97
53) 3-Nitroaniline	9.945	138	157487	41.140	ng	98
54) 2,4-Dinitrophenol	10.045	184	60068	43.787	ng	78
55) Dibenzofuran	10.210	168	814014	38.849	ng	99
56) 4-Nitrophenol	10.092	139	115153	40.283	ng	100
57) 2,4-Dinitrotoluene	10.181	165	177050	43.119	ng	93
58) Fluorene	10.551	166	603434	38.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	166321	40.701	ng	100
60) Diethylphthalate	10.416	149	619966	38.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	302855	38.676	ng	99
62) 4-Nitroaniline	10.557	138	135159	41.196	ng	99
63) Azobenzene	10.698	77	636485	38.405	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	84461	41.582	ng	98
66) n-Nitrosodiphenylamine	10.657	169	539169	38.742	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	185567	39.399	ng	99
68) Hexachlorobenzene	11.104	284	190328	38.662	ng	98
69) Atrazine	11.175	200	156196	40.711	ng	99
70) Pentachlorophenol	11.292	266	122659	42.369	ng	99
71) Phenanthrene	11.510	178	822568	39.198	ng	99
72) Anthracene	11.563	178	843171	39.397	ng	99
73) Carbazole	11.710	167	745732	39.904	ng	99
74) Di-n-butylphthalate	12.045	149	849173	40.158	ng	99
75) Fluoranthene	12.698	202	766621	39.801	ng	99
77) Benzidine	12.810	184	371006	40.991	ng	99
78) Pyrene	12.927	202	764286	38.120	ng	100
80) Butylbenzylphthalate	13.539	149	286273	46.629	ng	100
81) Benzo(a)anthracene	14.116	228	616503	39.198	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	225253	42.971	ng	99
83) Chrysene	14.151	228	568603	40.210	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	410770	44.204	ng	99
85) Di-n-octyl phthalate	14.716	149	715376	42.471	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.174	276	700038	36.972	ng	99
88) Benzo(b)fluoranthene	15.186	252	669179	40.793	ng	100
89) Benzo(k)fluoranthene	15.216	252	536517	36.651	ng	99
90) Benzo(a)pyrene	15.568	252	598833	39.621	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	567481	36.822	ng	99
92) Benzo(g,h,i)perylene	17.639	276	548789	36.812	ng	99

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

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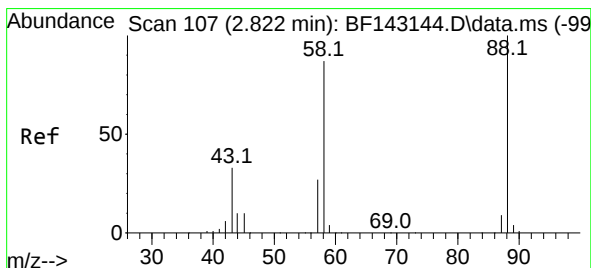
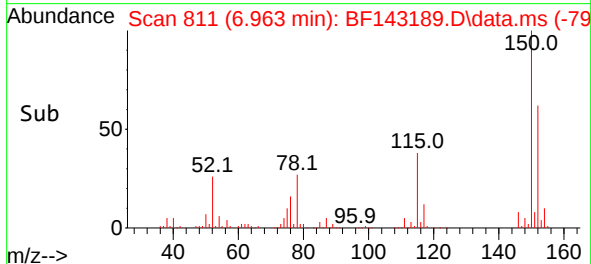
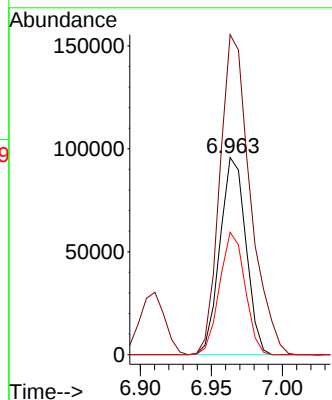
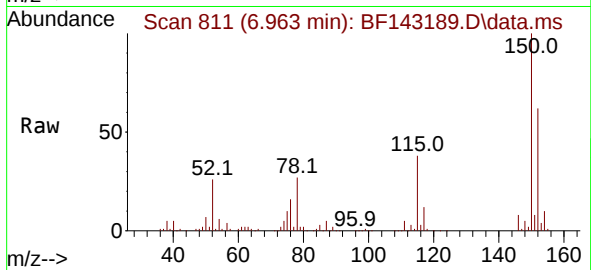




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

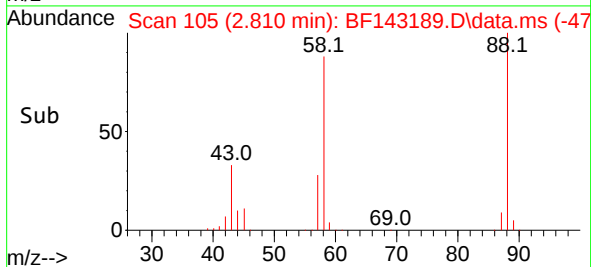
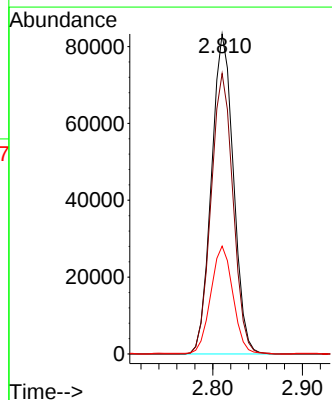
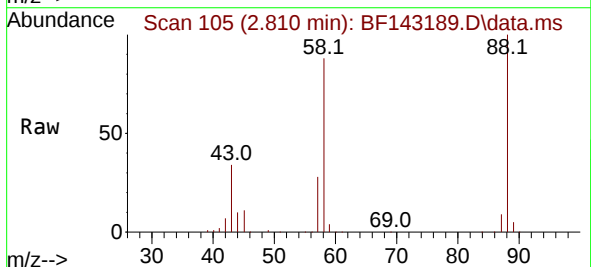
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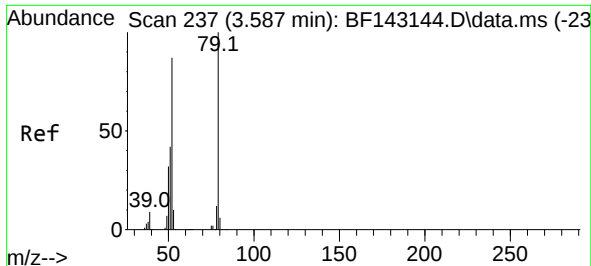
Tgt Ion:152 Resp: 121745
 Ion Ratio Lower Upper
 152 100
 150 162.3 128.2 192.4
 115 62.1 47.9 71.9



#2
 1,4-Dioxane
 Concen: 38.959 ng
 RT: 2.810 min Scan# 105
 Delta R.T. -0.012 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

Tgt Ion: 88 Resp: 141823
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.2 105.2
 43 34.1 27.1 40.7





#3

Pyridine

Concen: 39.351 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

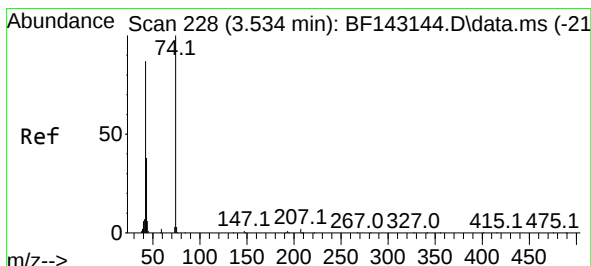
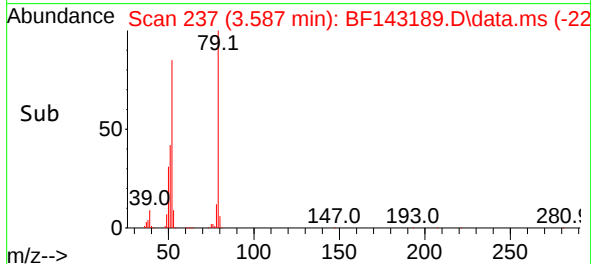
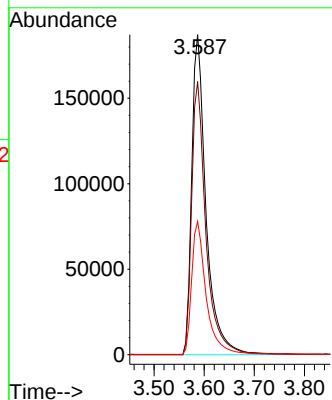
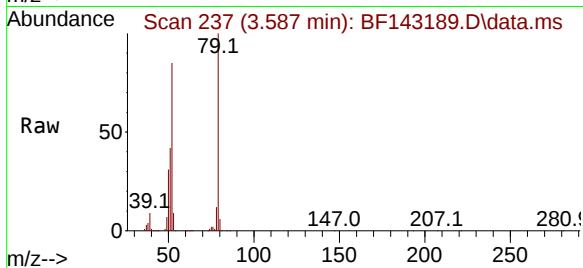
Tgt Ion: 79 Resp: 371810

Ion Ratio Lower Upper

79 100

52 85.3 69.4 104.2

51 41.6 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.224 ng

RT: 3.522 min Scan# 226

Delta R.T. -0.012 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

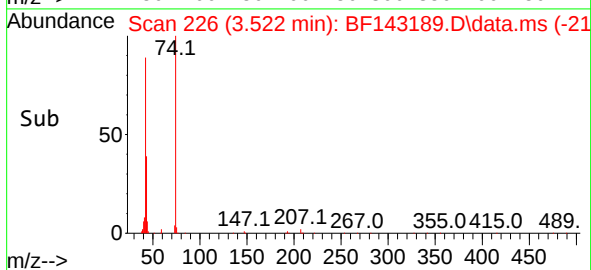
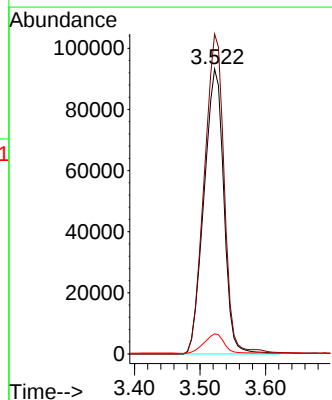
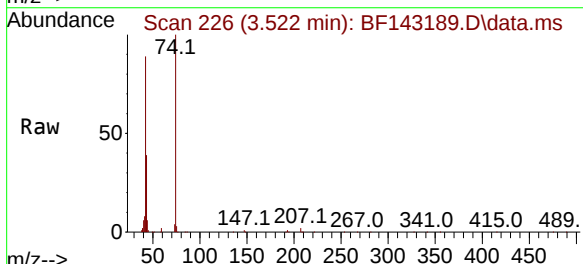
Tgt Ion: 42 Resp: 196228

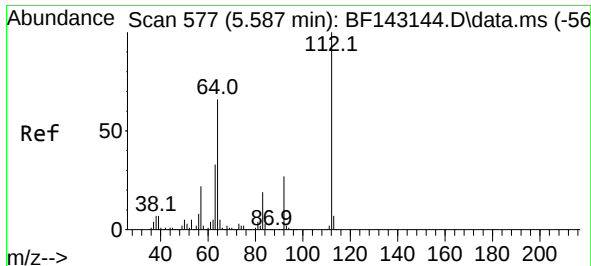
Ion Ratio Lower Upper

42 100

74 112.3 91.7 137.5

44 7.1 5.6 8.4

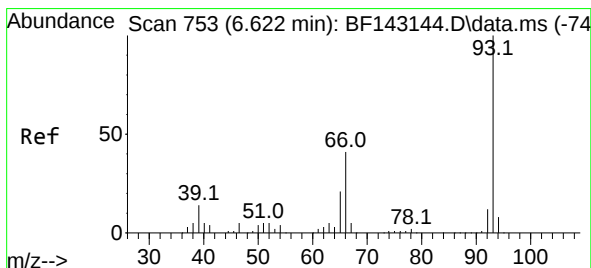
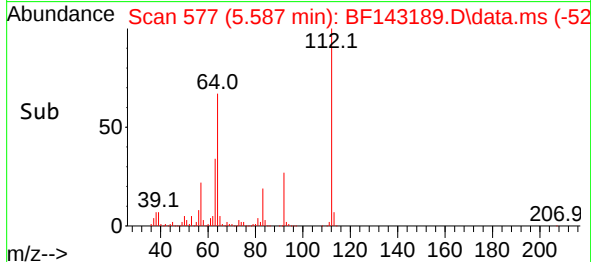
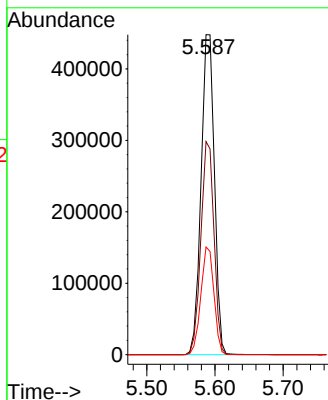
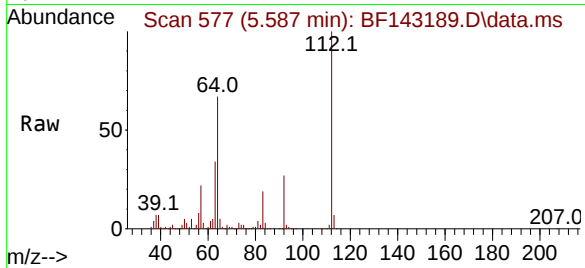




#5
2-Fluorophenol
Concen: 79.198 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

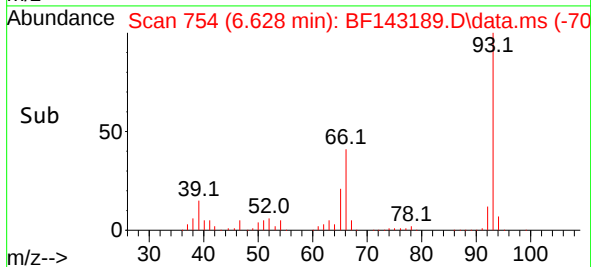
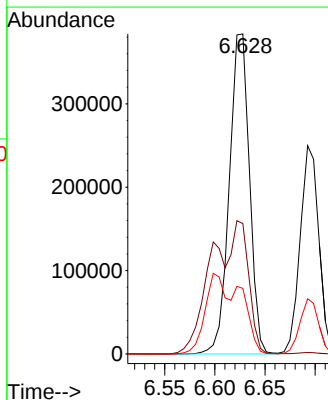
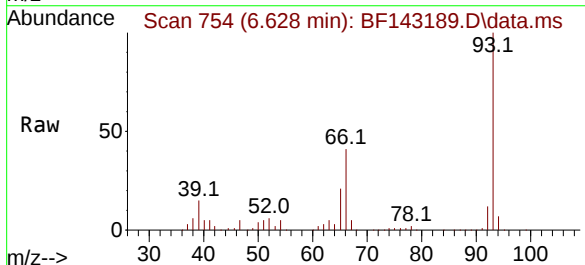
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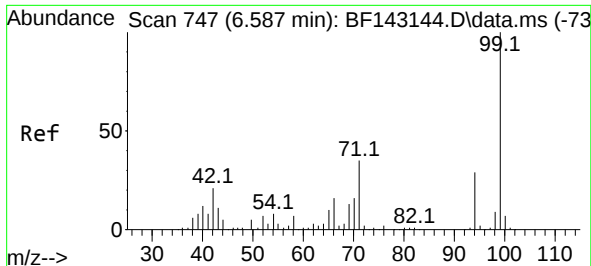
Tgt Ion:112 Resp: 609302
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.7 26.6 40.0



#6
Aniline
Concen: 39.865 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 93 Resp: 538010
Ion Ratio Lower Upper
93 100
66 40.8 33.2 49.8
65 20.5 16.9 25.3

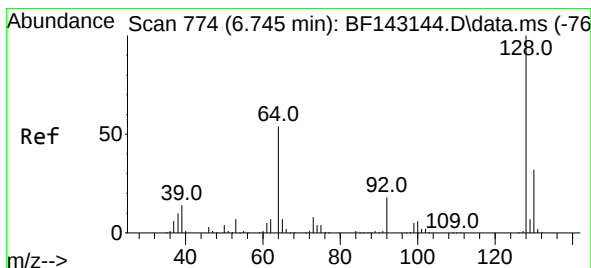
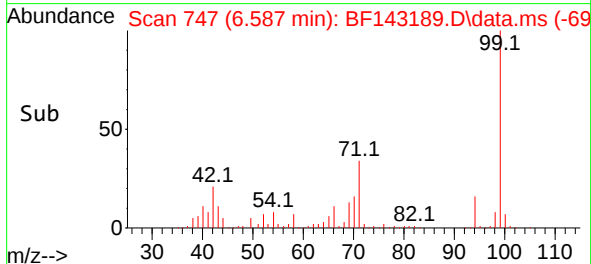
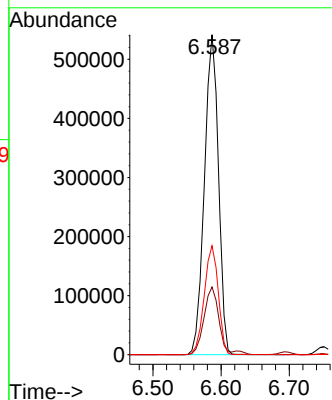
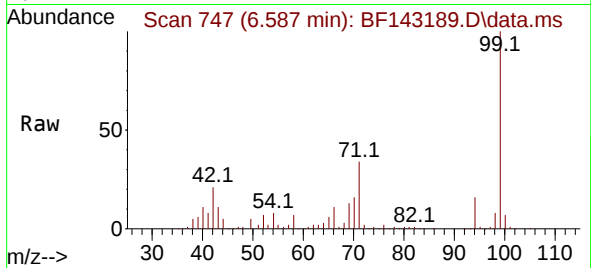




#7
Phenol-d6
Concen: 80.055 ng
RT: 6.587 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

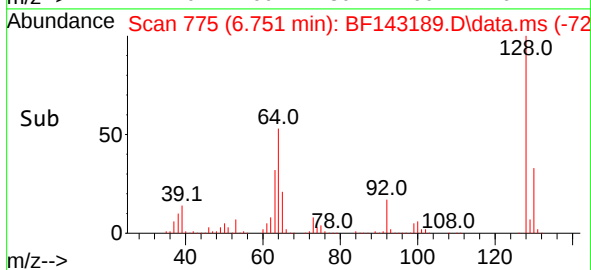
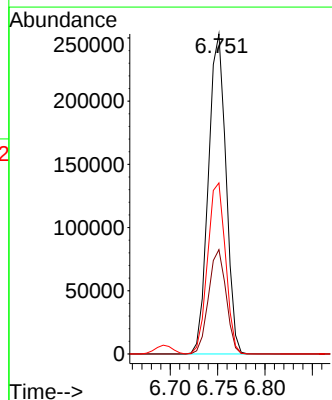
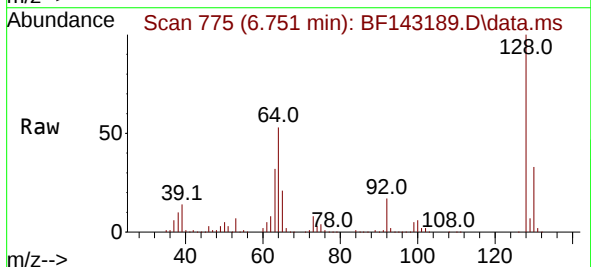
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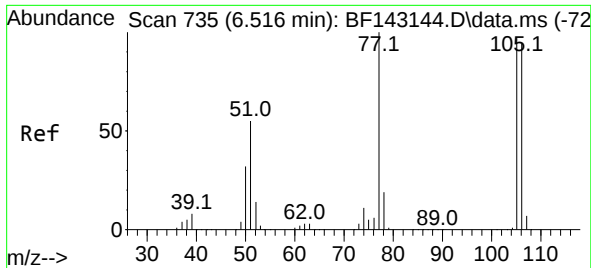
Tgt Ion: 99 Resp: 775213
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 40.492 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:128 Resp: 326533
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.5 35.9 75.9

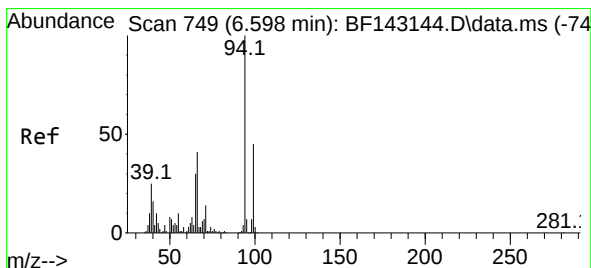
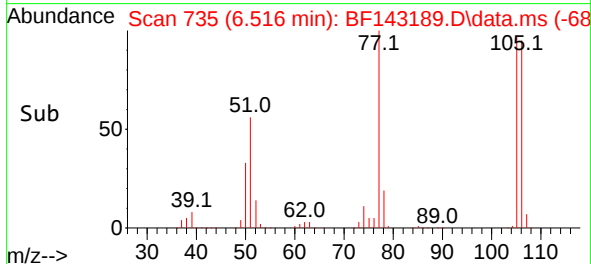
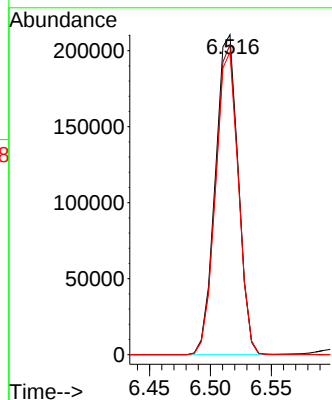
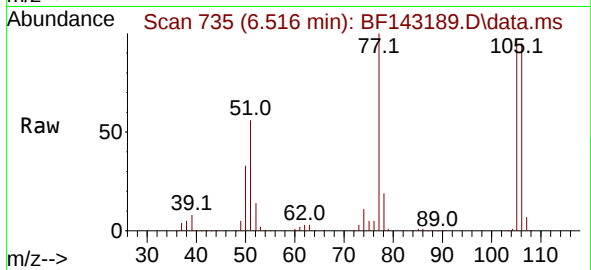




#9
Benzaldehyde
Concen: 37.926 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

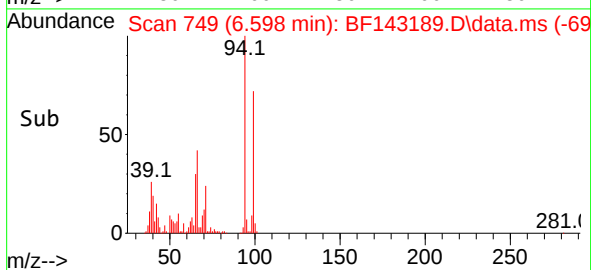
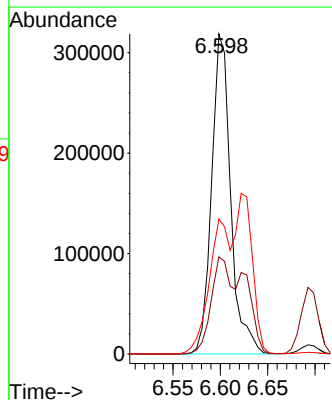
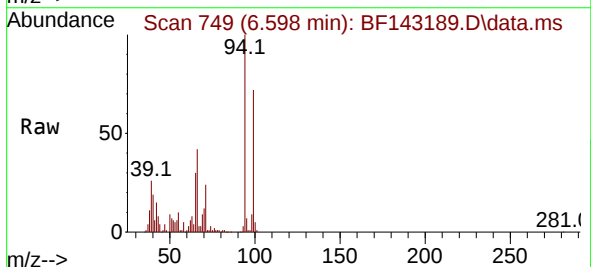
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

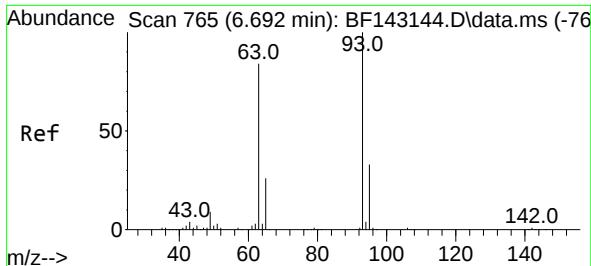
Tgt Ion: 77 Resp: 275389
Ion Ratio Lower Upper
77 100
105 96.8 76.8 116.8
106 94.5 74.4 114.4



#10
Phenol
Concen: 42.211 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 94 Resp: 445290
Ion Ratio Lower Upper
94 100
65 30.3 10.0 50.0
66 42.2 20.8 60.8

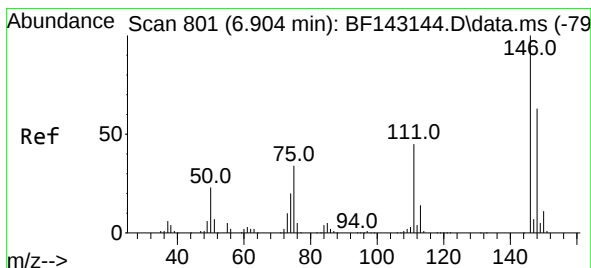
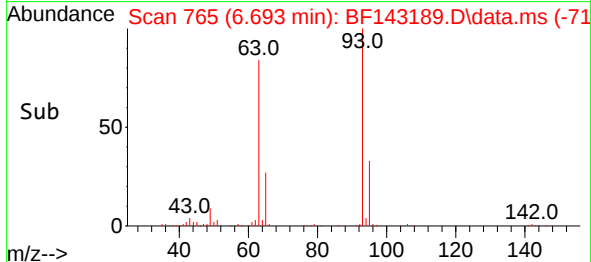
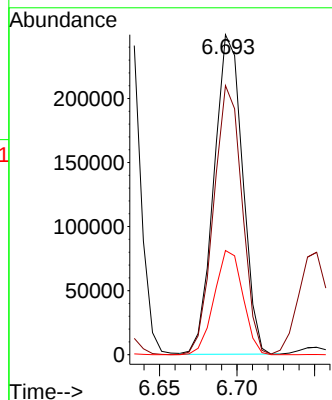
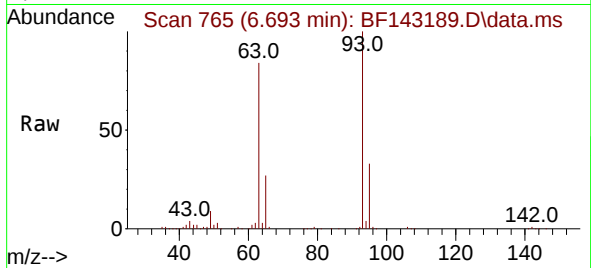




#11
bis(2-Chloroethyl)ether
Concen: 39.634 ng
RT: 6.693 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

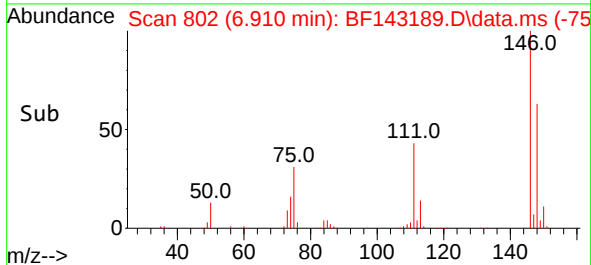
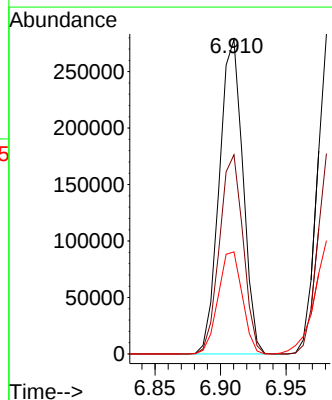
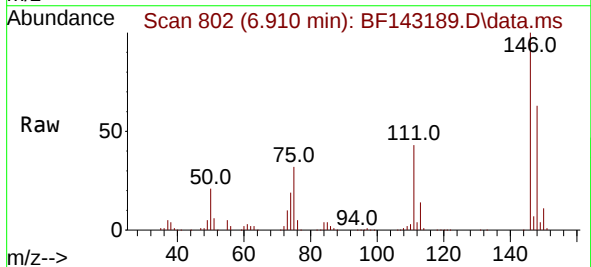
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

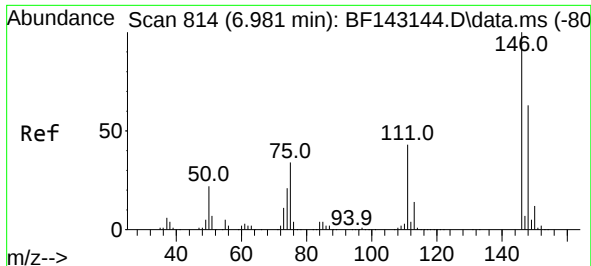
Tgt Ion: 93 Resp: 320130
Ion Ratio Lower Upper
93 100
63 84.1 63.4 103.4
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.797 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:146 Resp: 348639
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 32.5 27.4 41.2

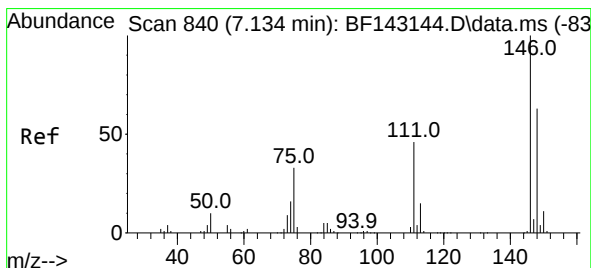
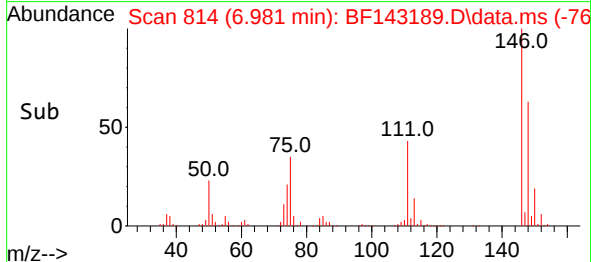
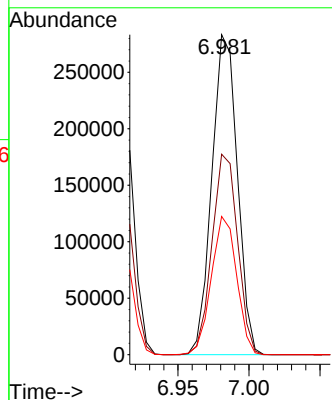
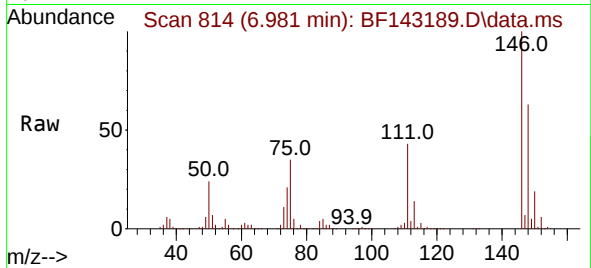




#13
1,4-Dichlorobenzene
Concen: 40.163 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

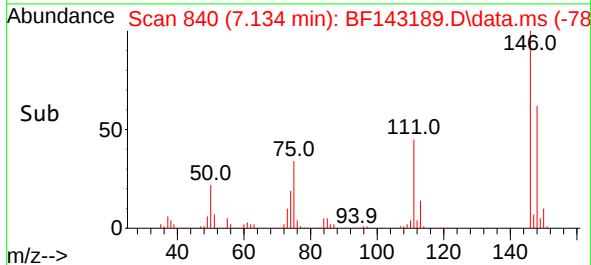
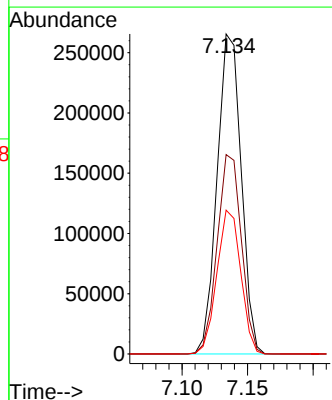
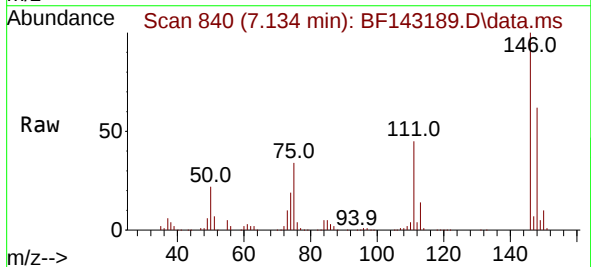
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

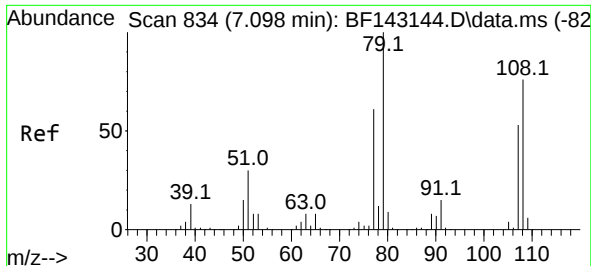
Tgt Ion:146 Resp: 354325
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
111 43.2 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 40.476 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:146 Resp: 339632
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
111 45.0 36.6 54.8

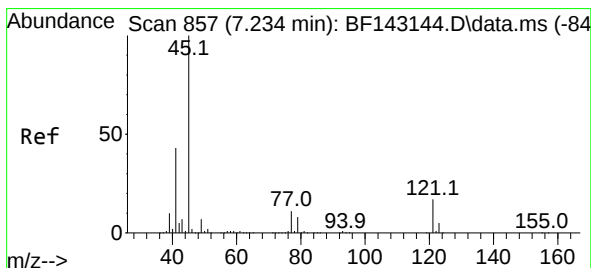
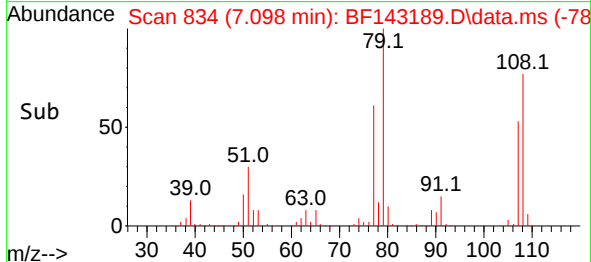
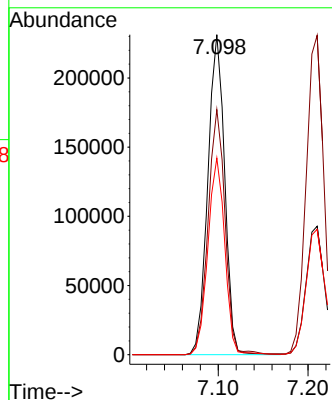
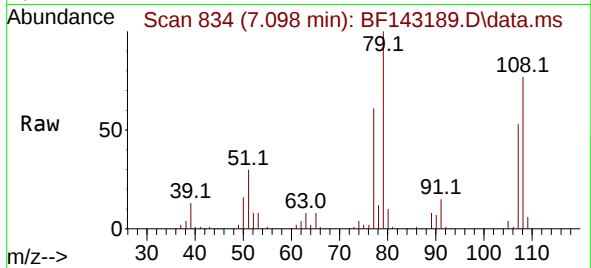




#15
Benzyl Alcohol
Concen: 40.831 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

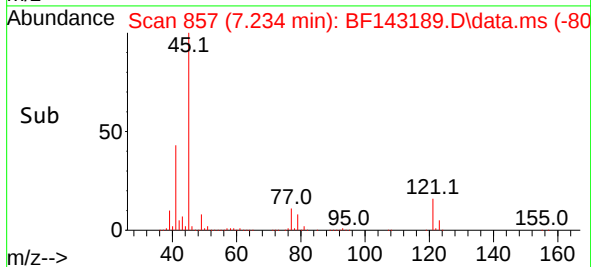
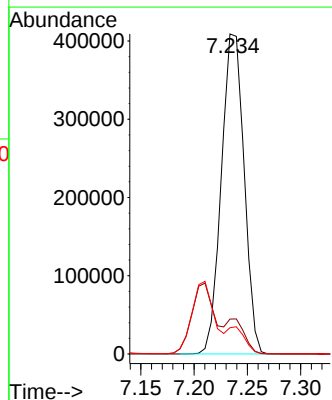
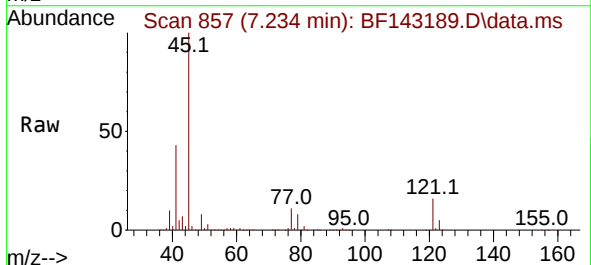
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

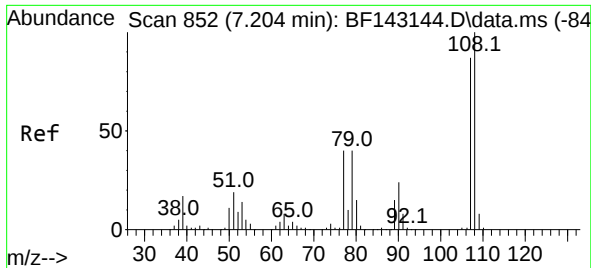
Tgt Ion: 79 Resp: 301897
Ion Ratio Lower Upper
79 100
108 76.6 61.1 91.7
77 61.4 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.459 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 45 Resp: 606219
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.2 0.0 28.5

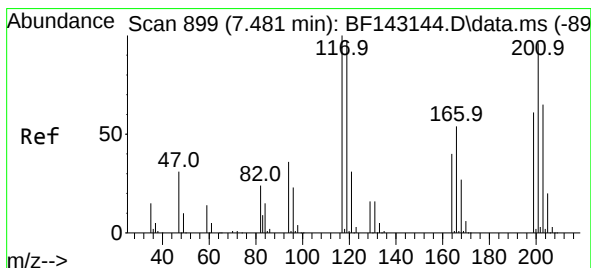
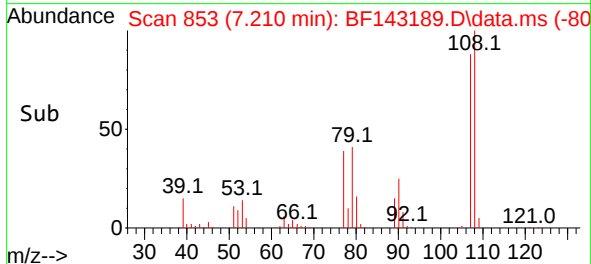
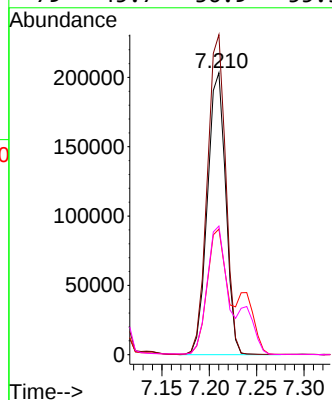
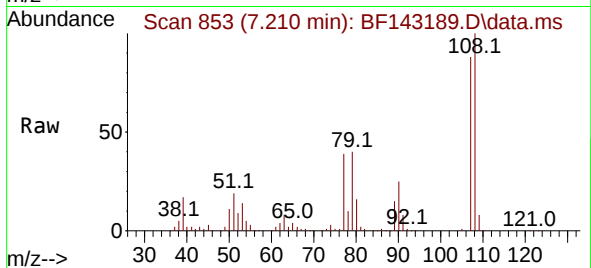




#17
2-Methylphenol
Concen: 40.419 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

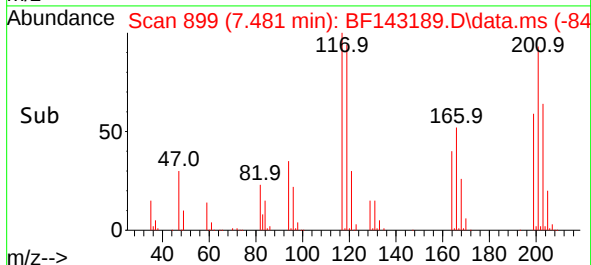
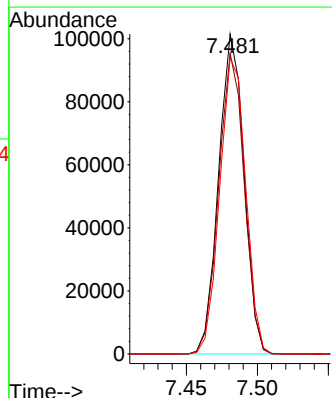
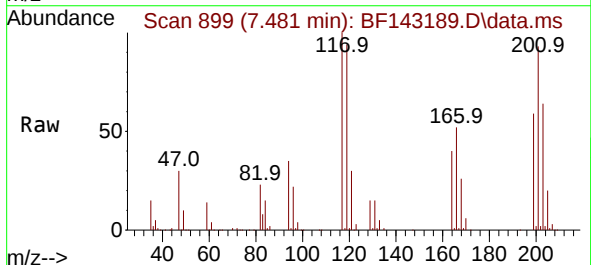
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

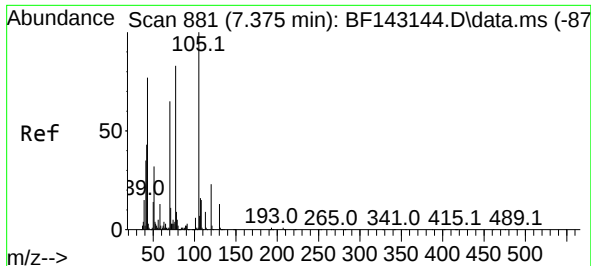
Tgt Ion:	107	Resp:	274065
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.6
77	44.6	37.0	55.6
79	45.7	36.9	55.3



#18
Hexachloroethane
Concen: 41.338 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:	117	Resp:	126249
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	92.6	77.0	115.4

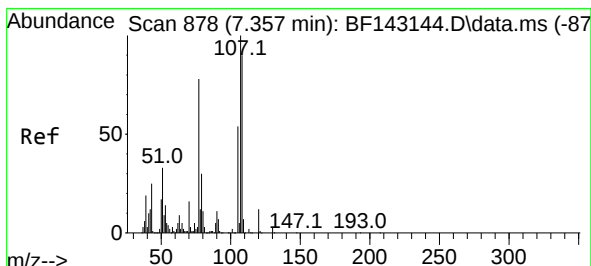
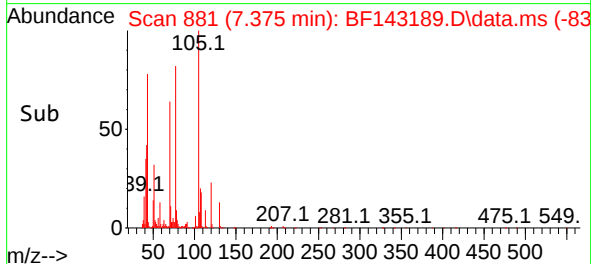
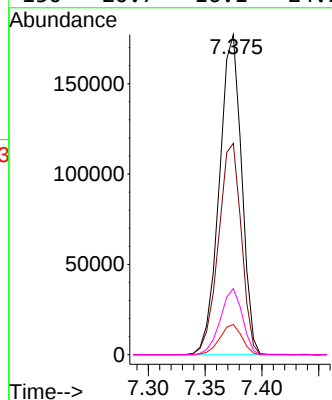
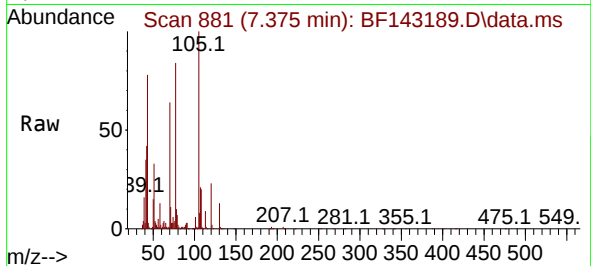




#19
n-Nitroso-di-n-propylamine
Concen: 38.965 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

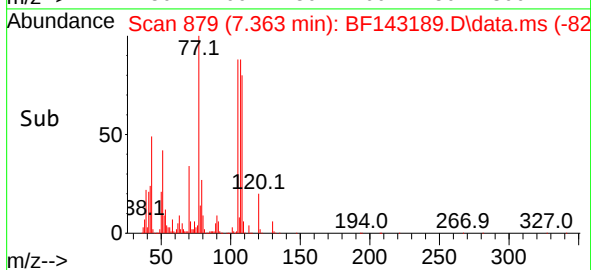
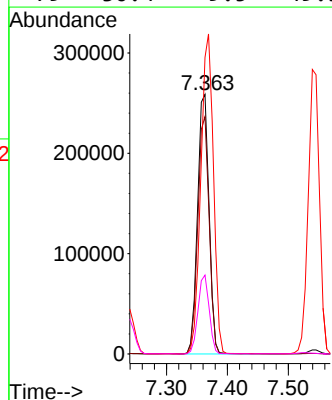
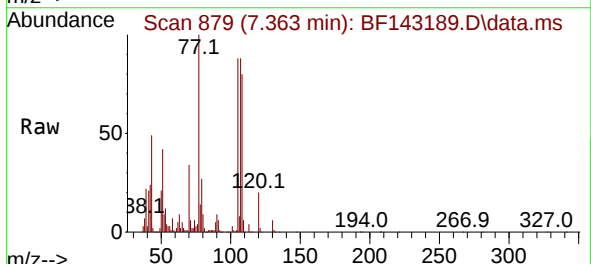
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

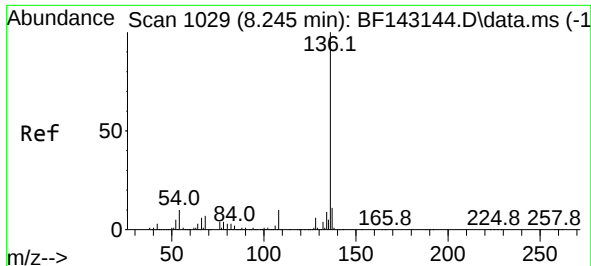
Tgt Ion: 70 Resp: 242073
Ion Ratio Lower Upper
70 100
42 66.1 52.5 78.7
101 9.5 7.6 11.4
130 20.7 16.1 24.1



#20
3+4-Methylphenols
Concen: 41.359 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 107 Resp: 340248
Ion Ratio Lower Upper
107 100
108 91.4 70.0 110.0
77 114.3 57.8 97.8#
79 30.4 9.5 49.5

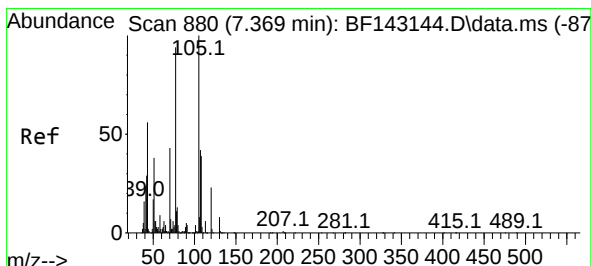
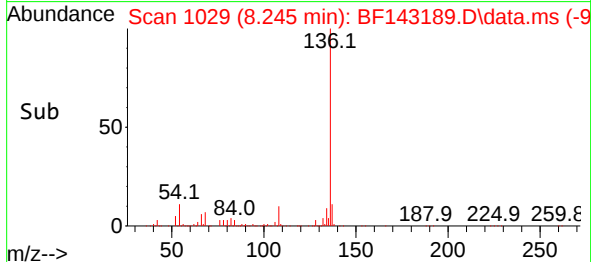
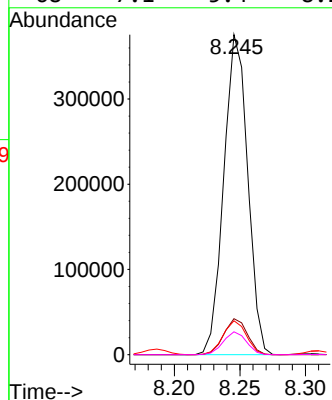
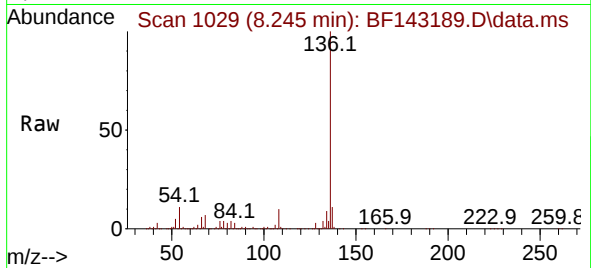




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

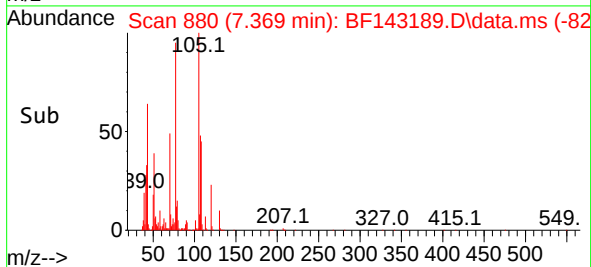
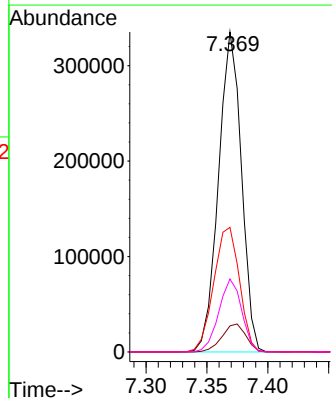
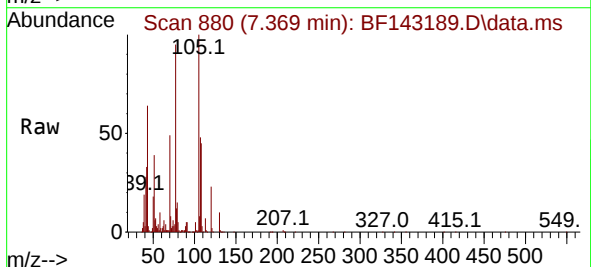
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

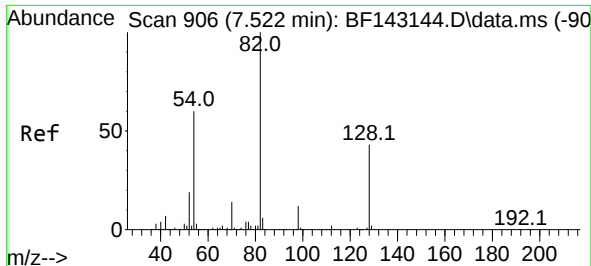
Tgt Ion:136	Resp:	475525	
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.6	8.2	12.2
68	7.1	5.4	8.2



#22
Acetophenone
Concen: 38.999 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt	Ion:105	Resp:	439058
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	39.0	30.2	45.2
120	22.8	18.2	27.4

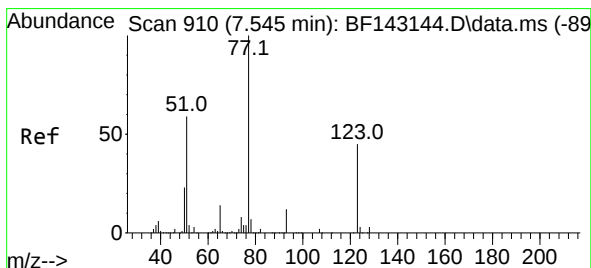
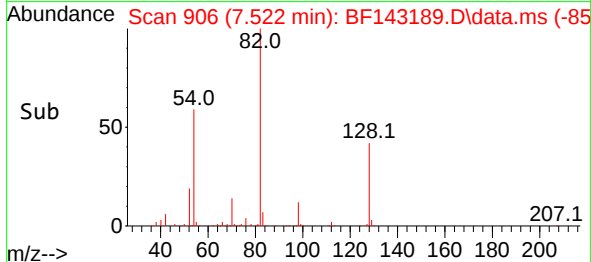
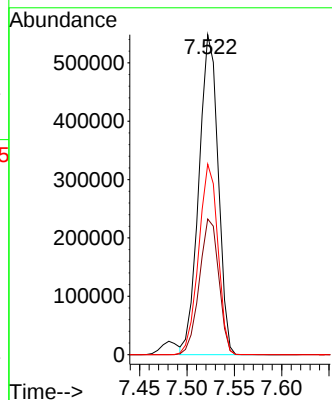
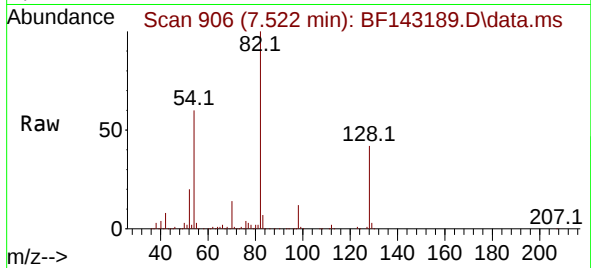




#23
Nitrobenzene-d5
Concen: 81.266 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

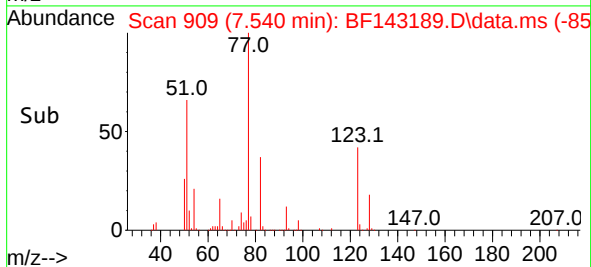
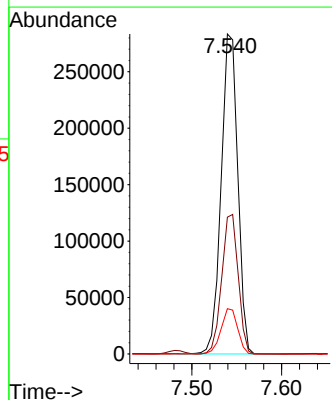
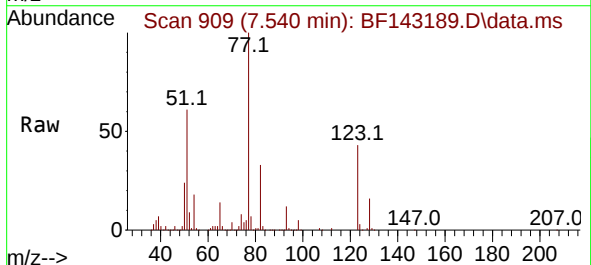
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

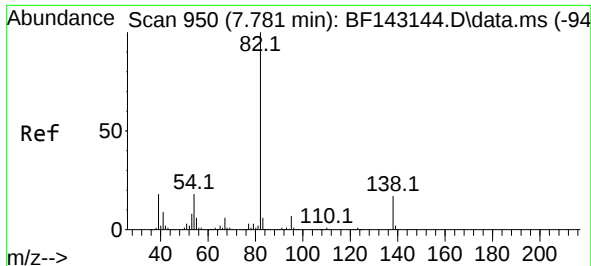
Tgt Ion: 82 Resp: 775249
Ion Ratio Lower Upper
82 100
128 42.4 33.6 50.4
54 59.6 47.1 70.7



#24
Nitrobenzene
Concen: 40.959 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 77 Resp: 364284
Ion Ratio Lower Upper
77 100
123 42.8 36.1 54.1
65 14.1 11.4 17.2

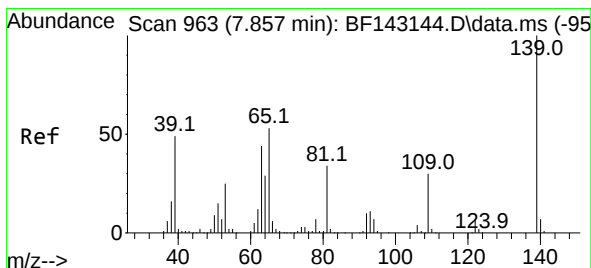
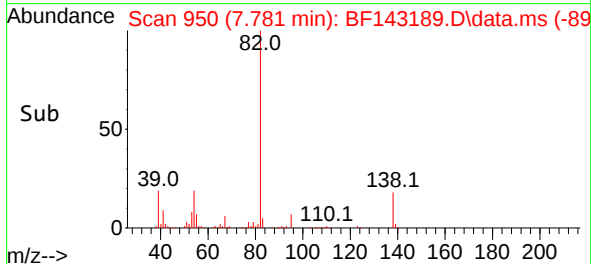
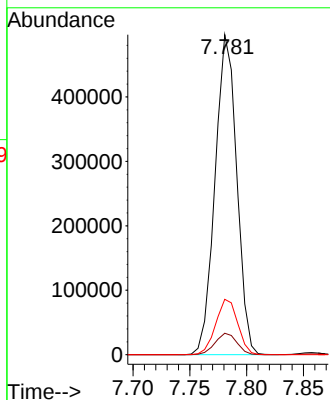
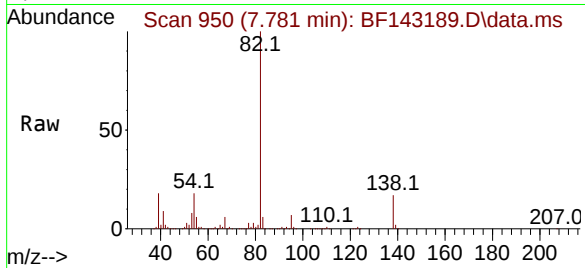




#25
Isophorone
Concen: 39.224 ng
RT: 7.781 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

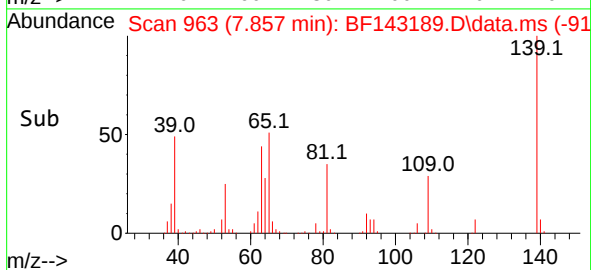
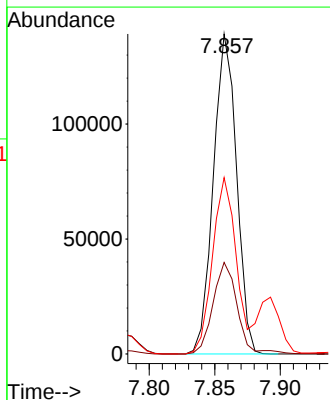
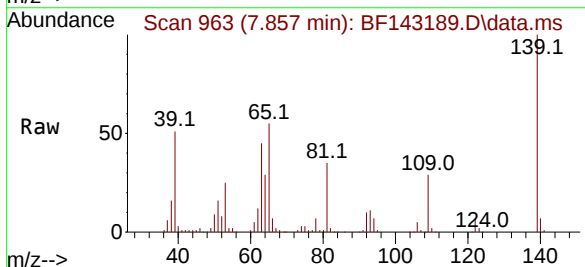
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

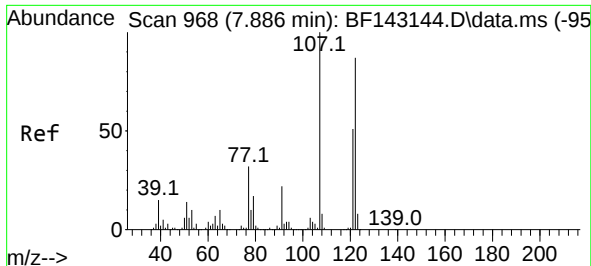
Tgt Ion: 82 Resp: 660564
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 44.222 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:139 Resp: 170696
Ion Ratio Lower Upper
139 100
109 28.6 23.6 35.4
65 55.1 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 39.022 ng

RT: 7.892 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

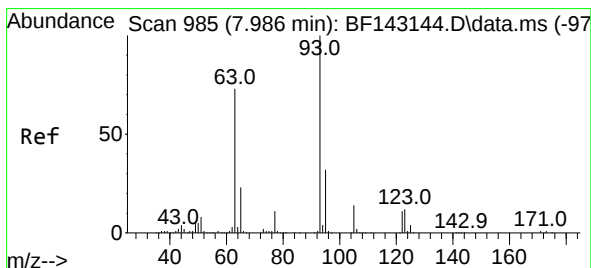
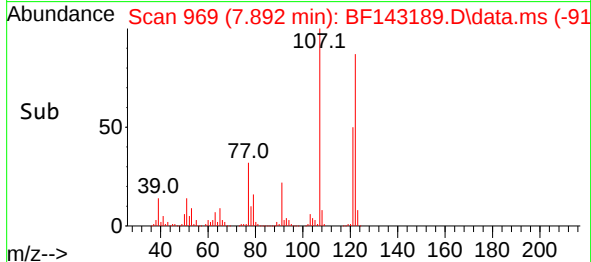
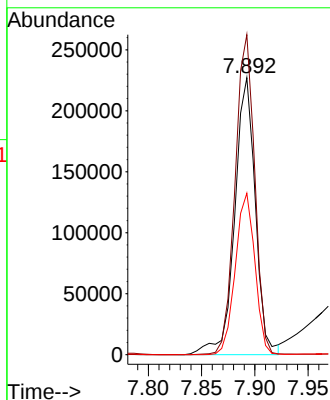
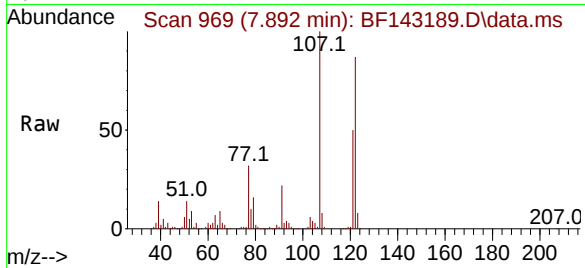
Tgt Ion:122 Resp: 307026

Ion Ratio Lower Upper

122 100

107 115.6 91.8 137.6

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.989 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

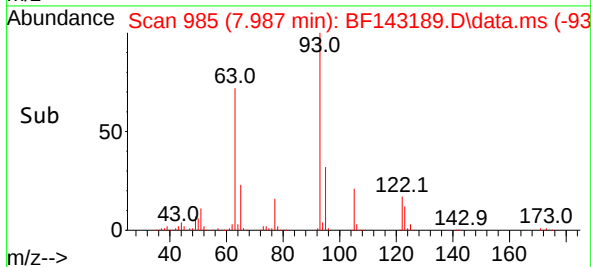
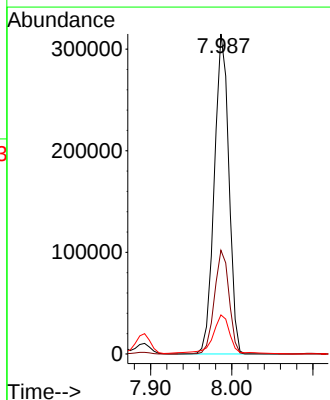
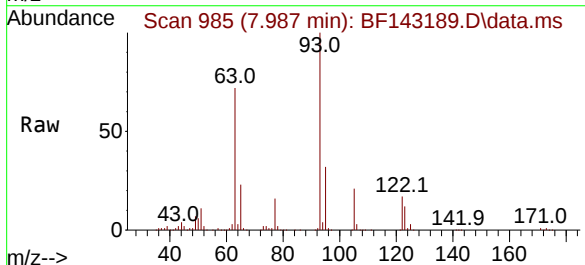
Tgt Ion: 93 Resp: 393674

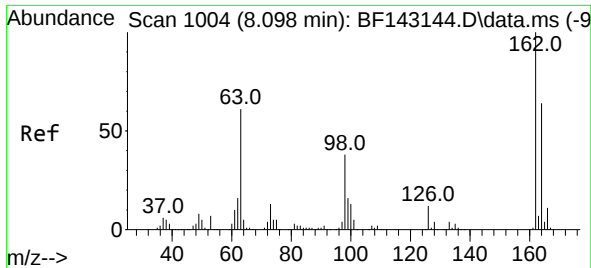
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.231 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

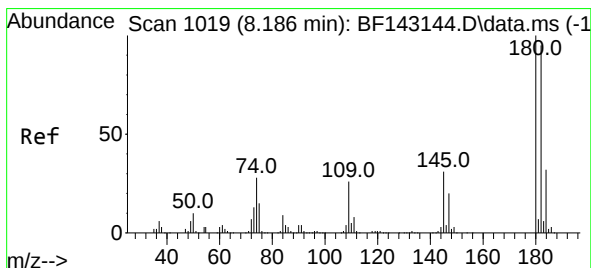
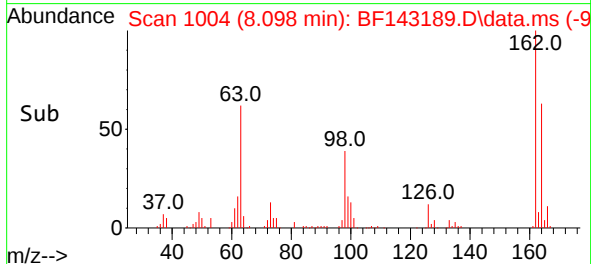
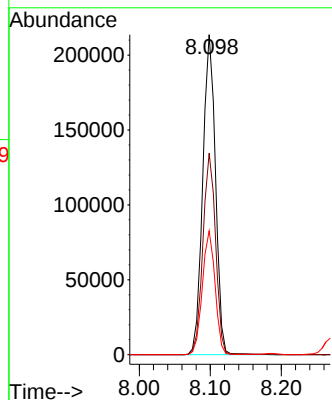
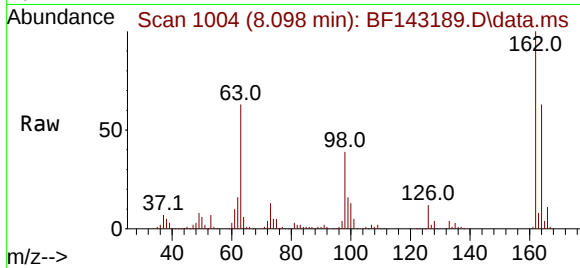
Tgt Ion:162 Resp: 266947

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 38.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.298 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

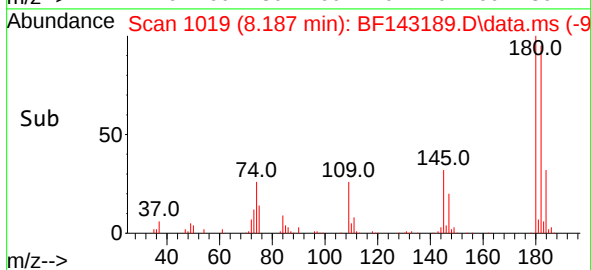
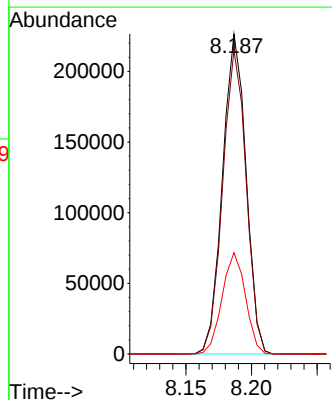
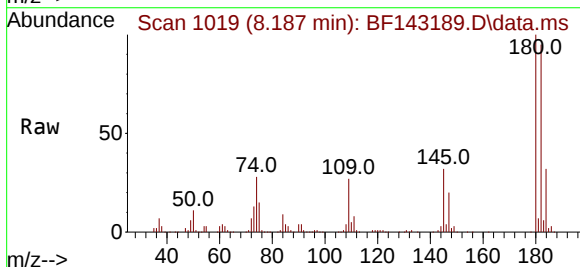
Tgt Ion:180 Resp: 281712

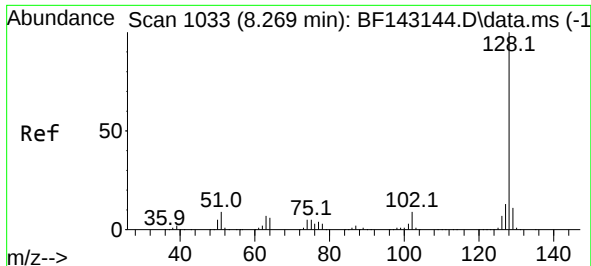
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 31.7 25.0 37.6

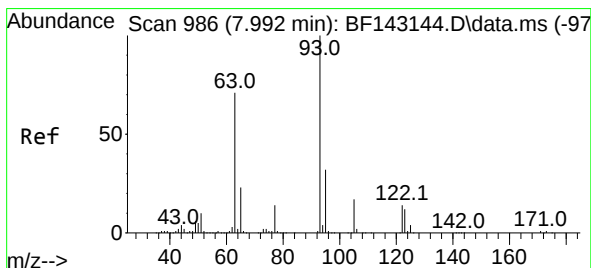
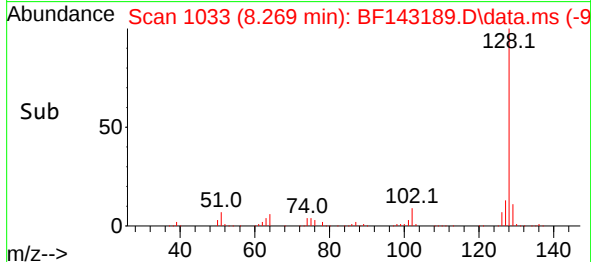
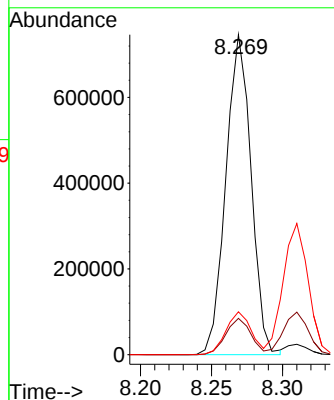
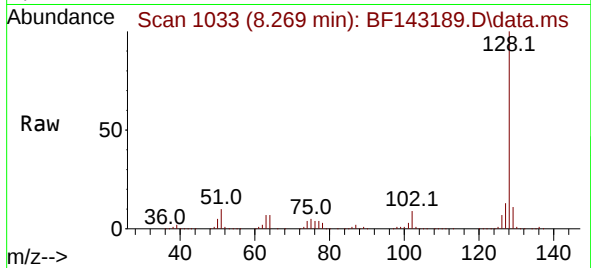




#31
Naphthalene
Concen: 39.396 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

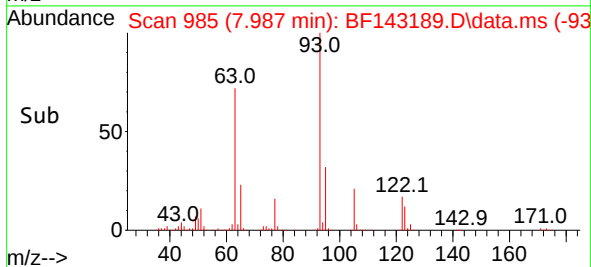
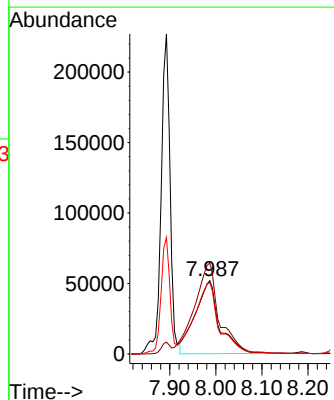
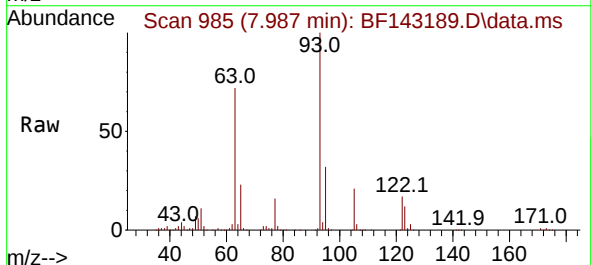
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

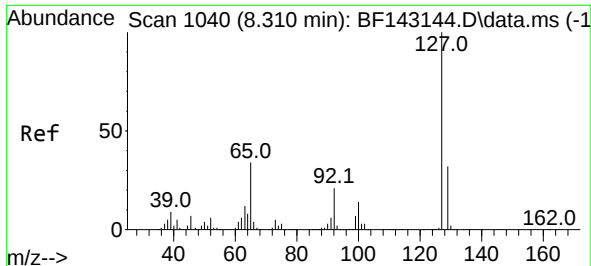
Tgt Ion:128 Resp: 922608
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.370 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.005 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:122 Resp: 189740
Ion Ratio Lower Upper
122 100
105 124.3 104.8 144.8
77 97.5 77.6 117.6

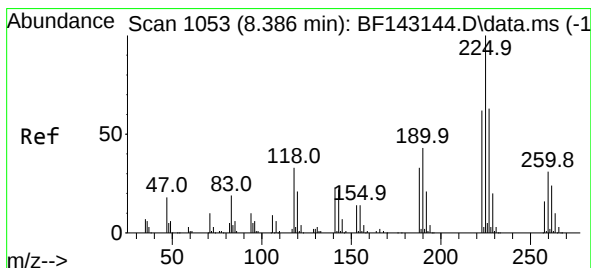
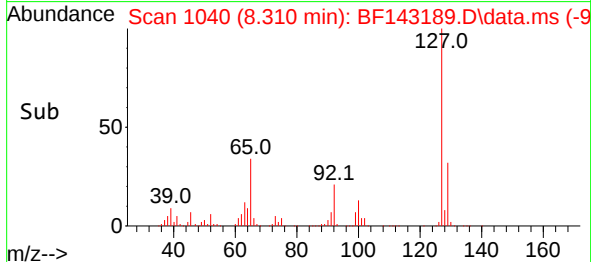
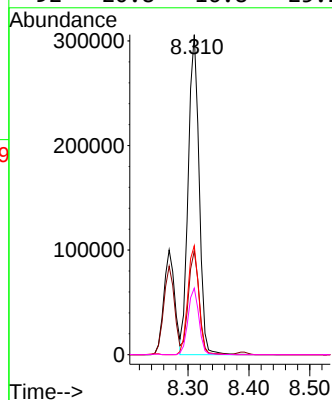
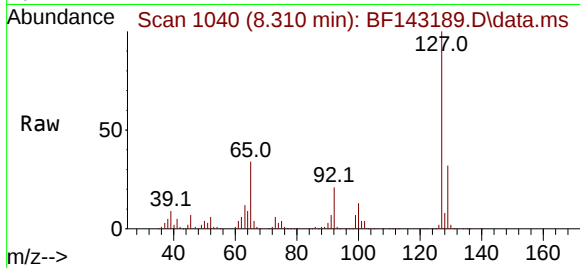




#33
4-Chloroaniline
Concen: 39.717 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

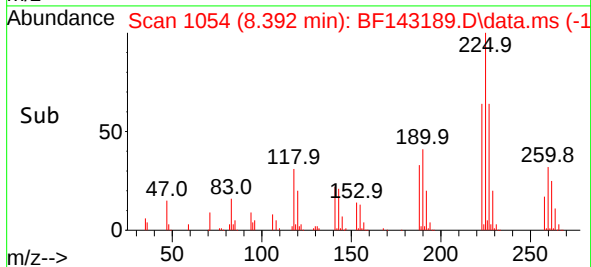
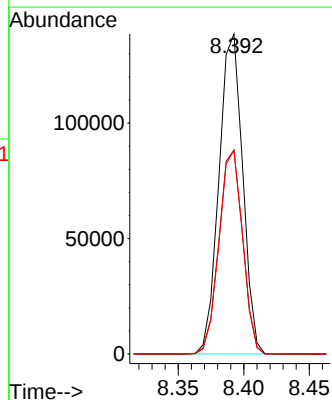
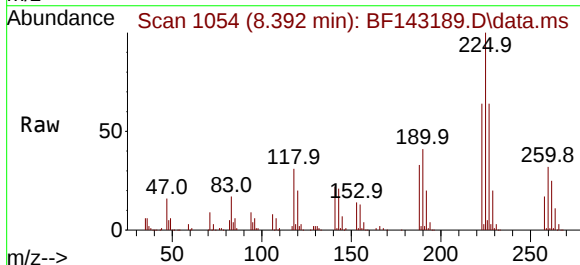
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

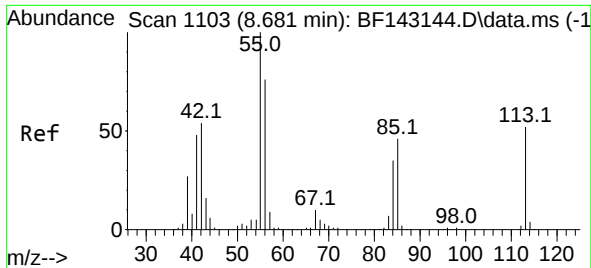
Tgt Ion:	127	Resp:	379789
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.0	27.4	41.2
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.691 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:	225	Resp:	173811
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.6	50.2	75.4

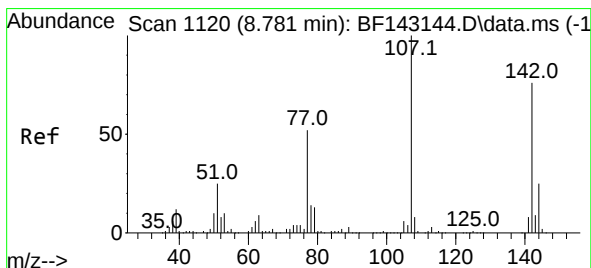
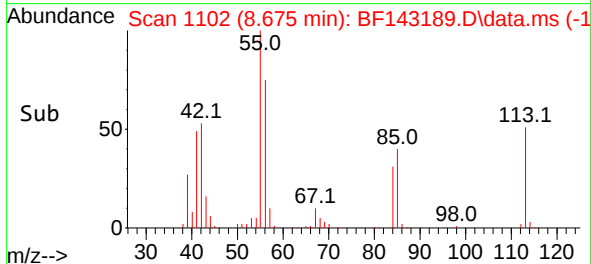
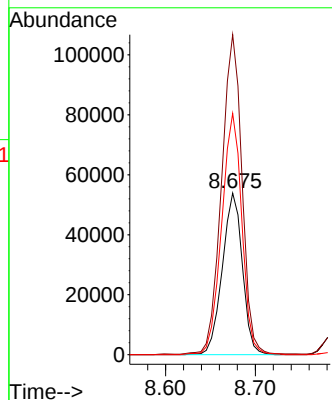
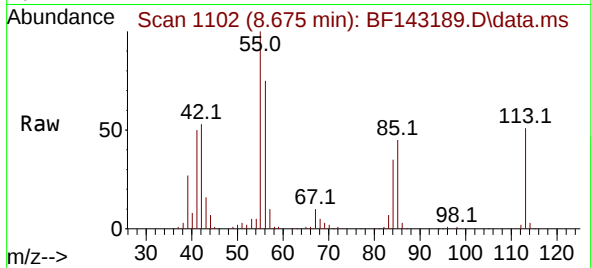




#35
 Caprolactam
 Concen: 41.728 ng
 RT: 8.675 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

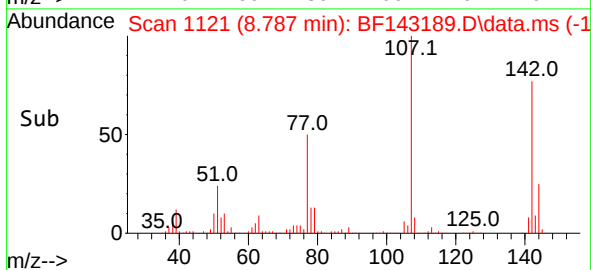
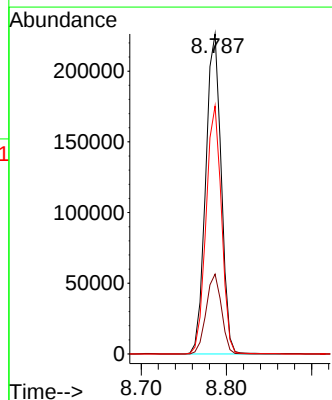
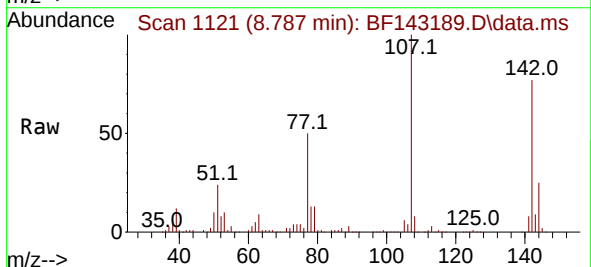
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

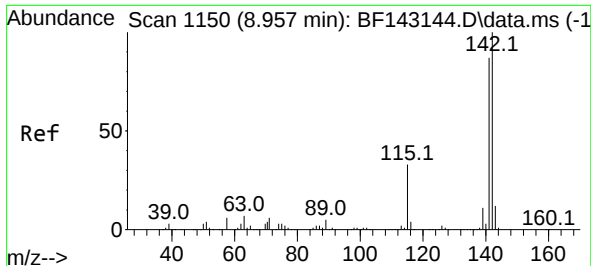
Tgt Ion:113 Resp: 83668
 Ion Ratio Lower Upper
 113 100
 55 198.0 174.0 214.0
 56 149.2 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.736 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

Tgt Ion:107 Resp: 286577
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 77.5 60.6 90.8





#37

2-Methylnaphthalene

Concen: 39.216 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

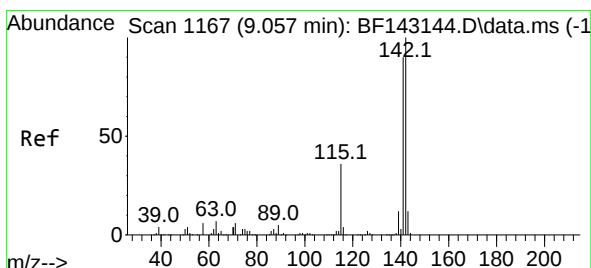
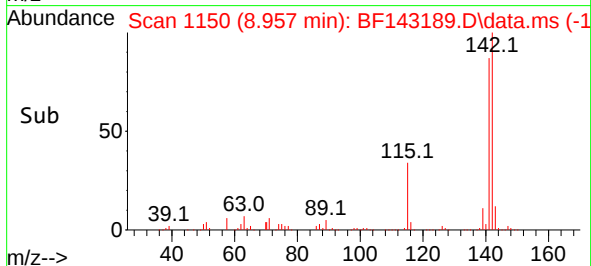
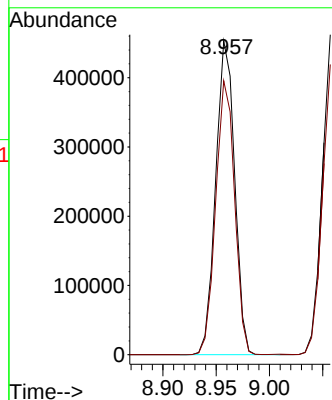
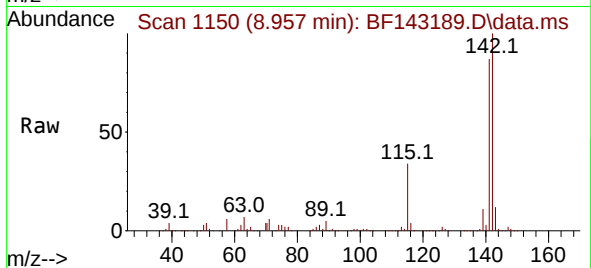
SSTDCCC040

Tgt Ion:142 Resp: 558861

Ion Ratio Lower Upper

142 100

141 87.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.510 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143189.D

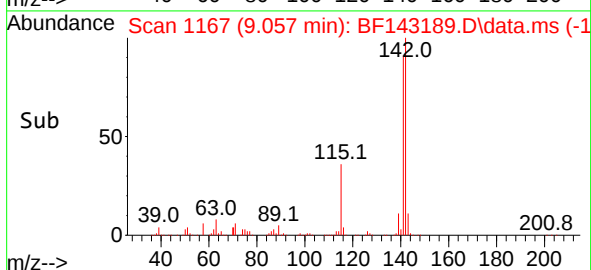
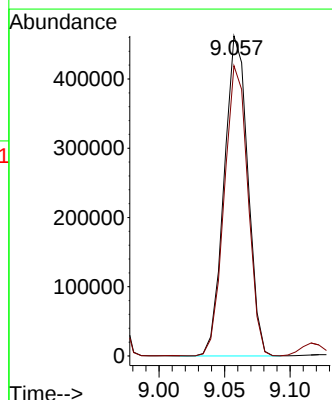
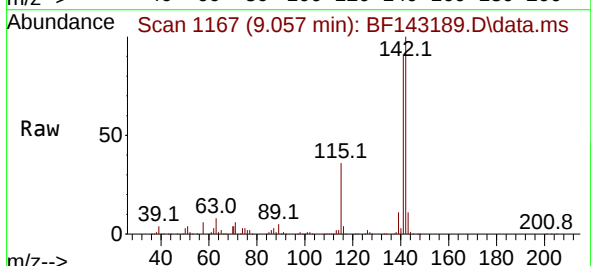
Acq: 22 Jul 2025 15:23

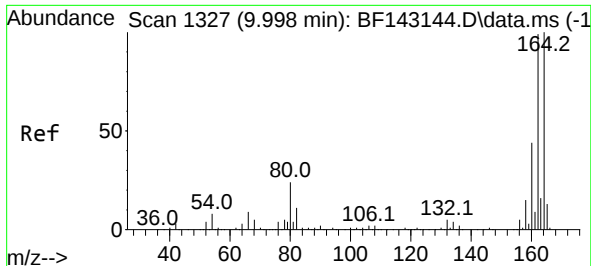
Tgt Ion:142 Resp: 579800

Ion Ratio Lower Upper

142 100

141 90.7 72.3 108.5

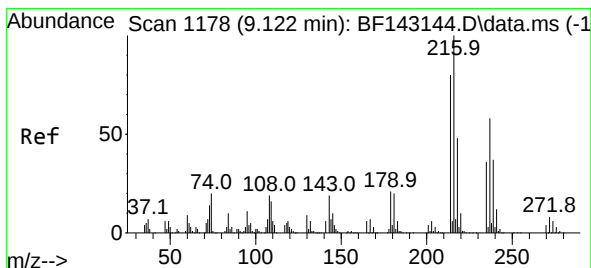
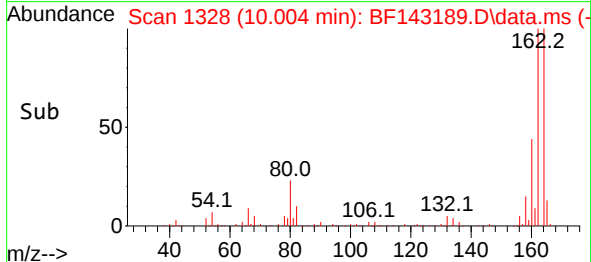
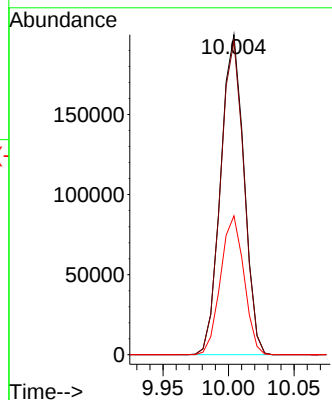
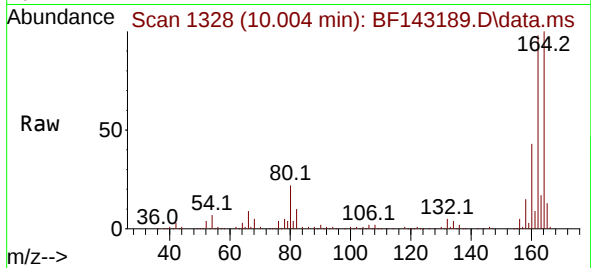




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

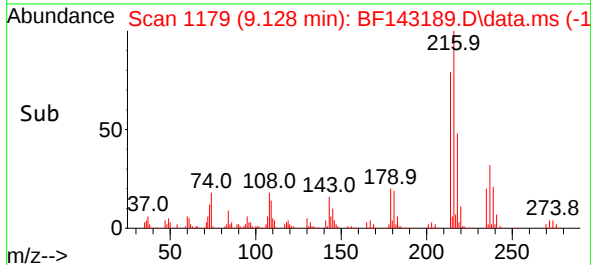
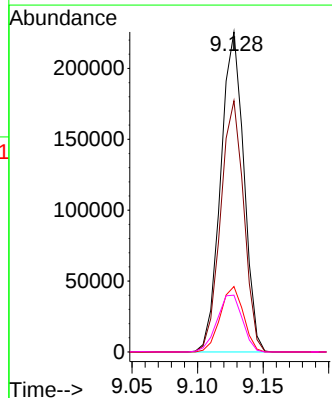
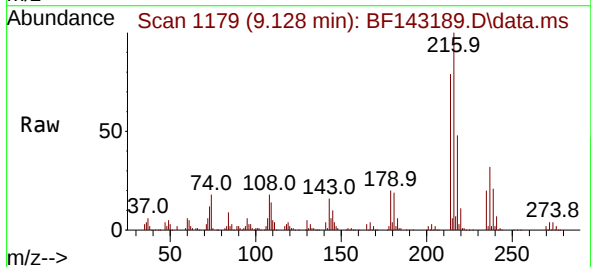
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

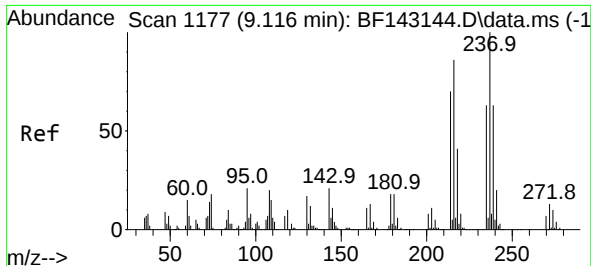
Tgt Ion:164 Resp: 246814
Ion Ratio Lower Upper
164 100
162 98.0 79.0 118.6
160 43.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.747 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:216 Resp: 276101
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 20.5 16.4 24.6
108 19.6 15.6 23.4

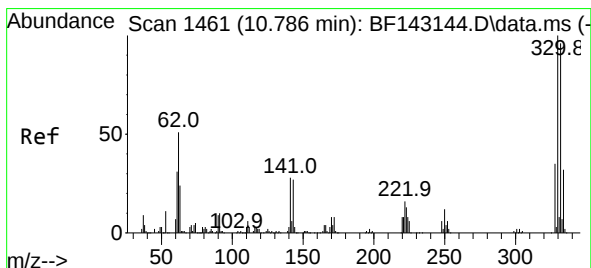
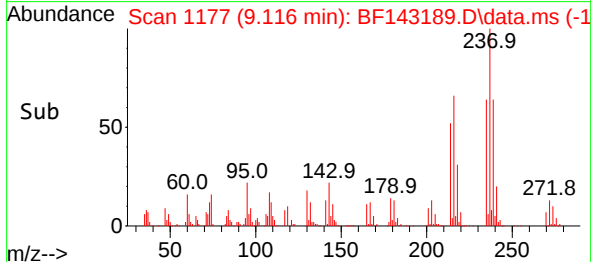
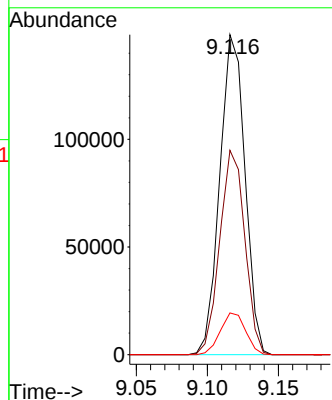
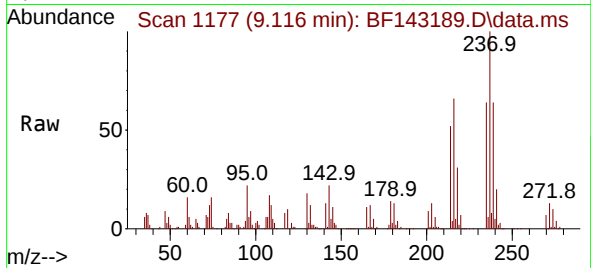




#41
Hexachlorocyclopentadiene
Concen: 39.541 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

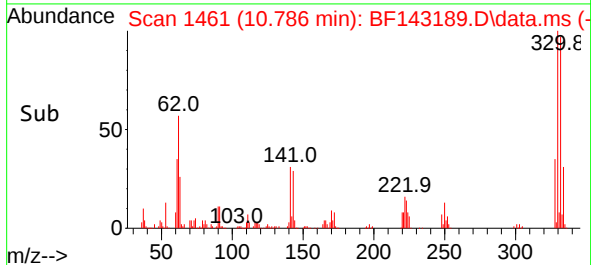
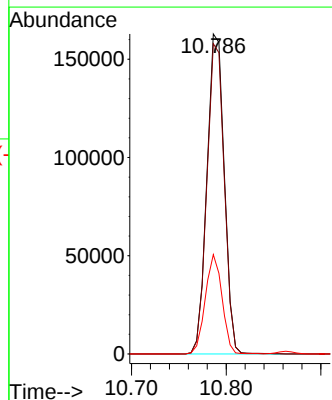
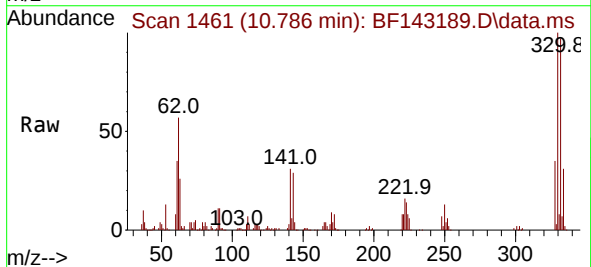
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

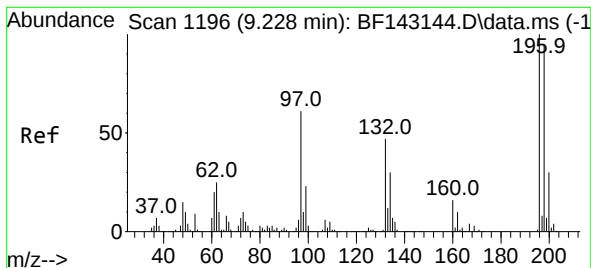
Tgt Ion: 237 Resp: 183333
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 81.123 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion: 330 Resp: 206842
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 30.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 39.086 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

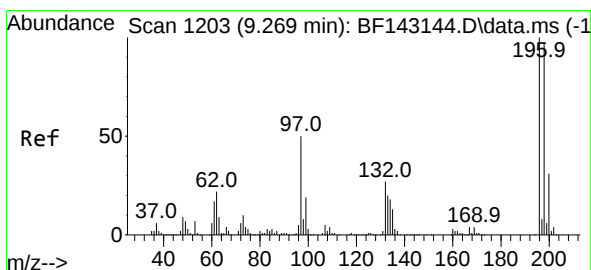
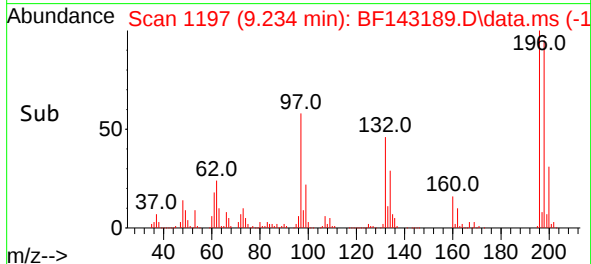
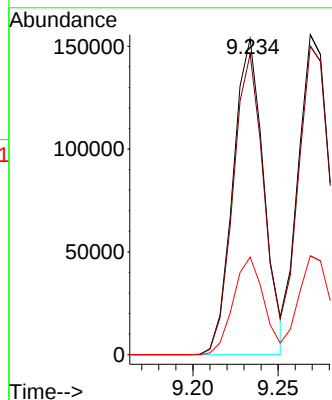
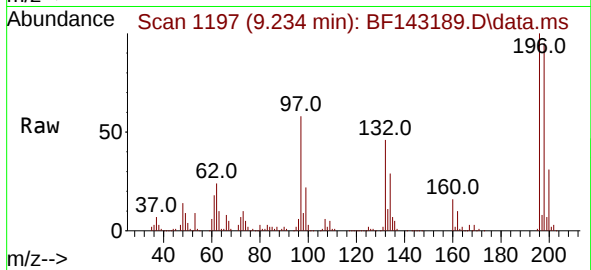
Tgt Ion:196 Resp: 192759

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 30.9 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 40.285 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Tgt Ion:196 Resp: 198731

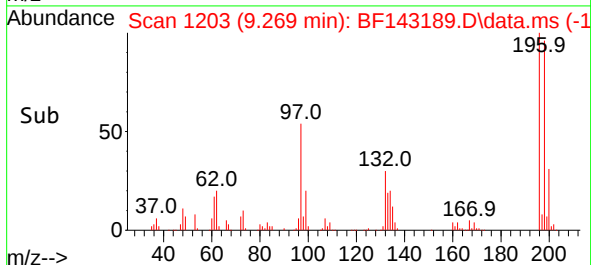
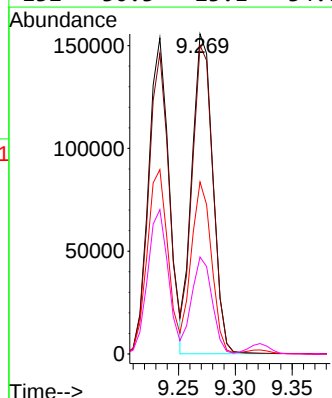
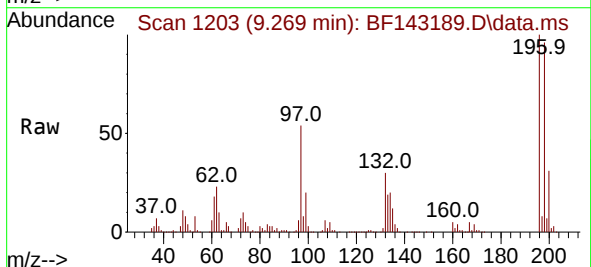
Ion Ratio Lower Upper

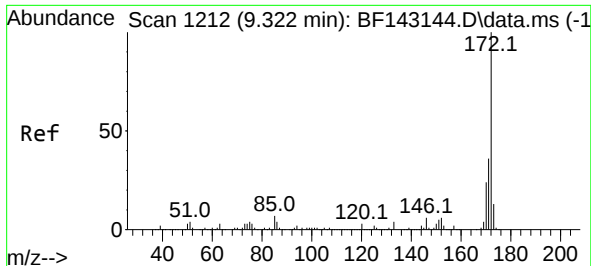
196 100

198 96.5 77.3 115.9

97 53.8 40.3 60.5

132 30.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.735 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

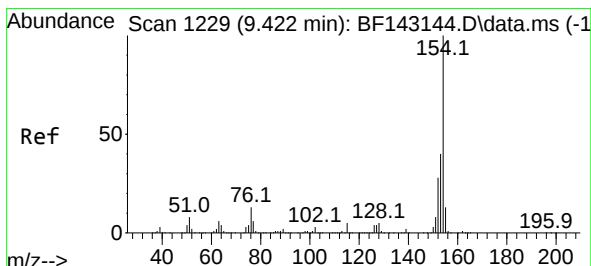
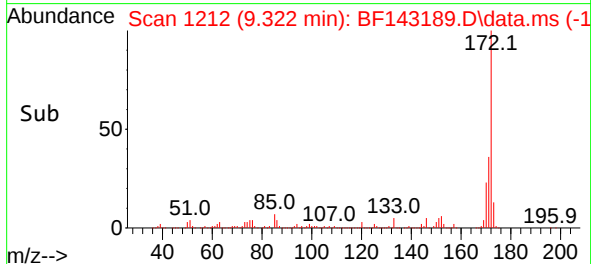
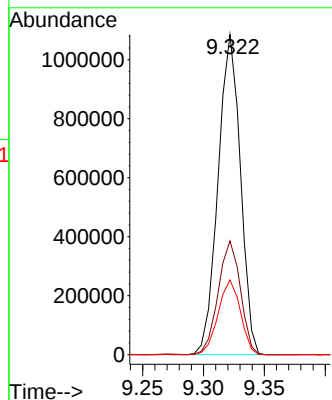
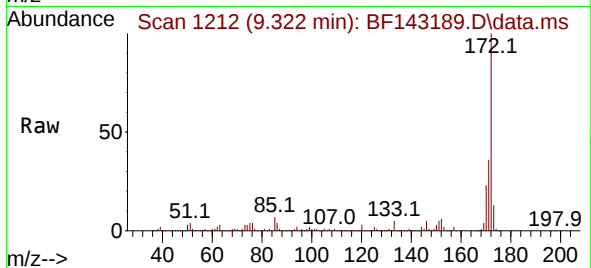
Tgt Ion:172 Resp: 1384823

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.171 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

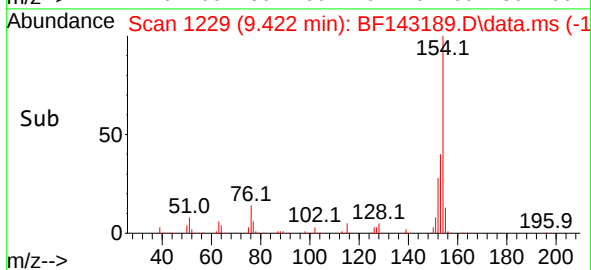
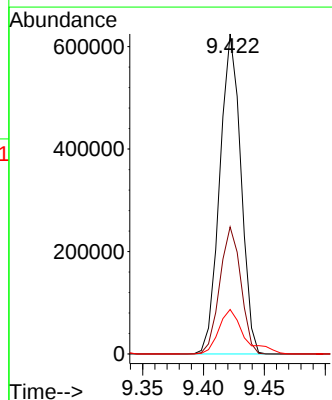
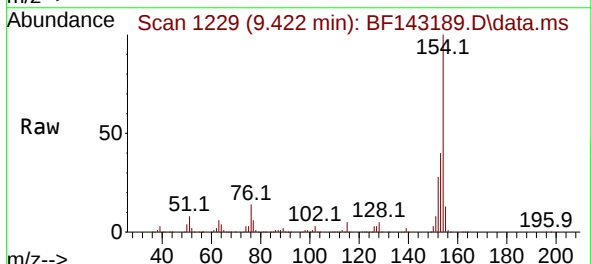
Tgt Ion:154 Resp: 754285

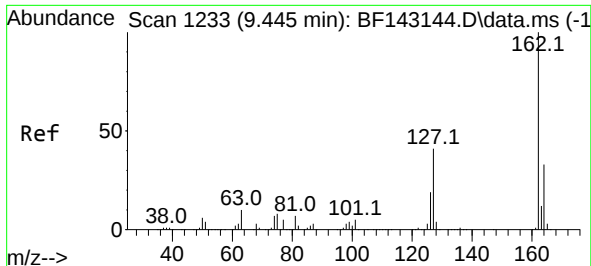
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 13.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.731 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

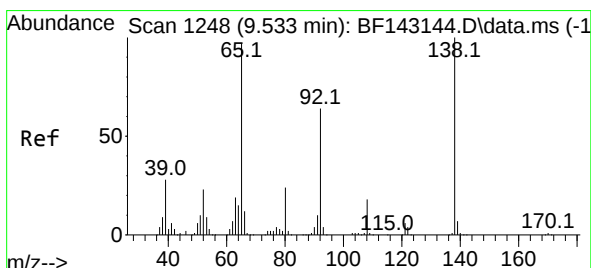
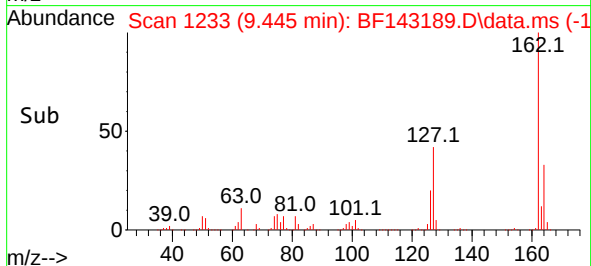
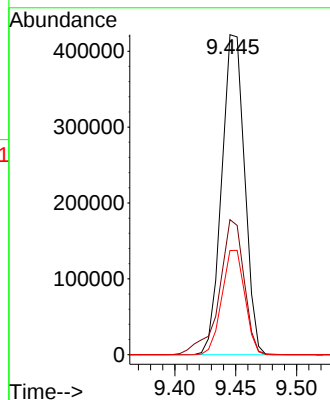
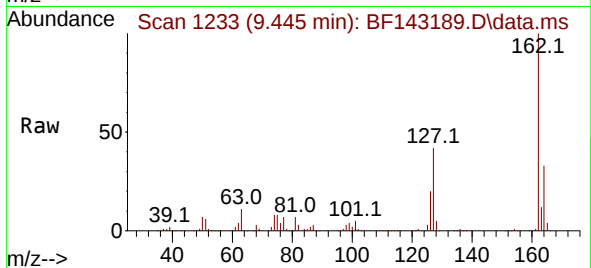
Tgt Ion:162 Resp: 551856

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.2

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 42.740 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

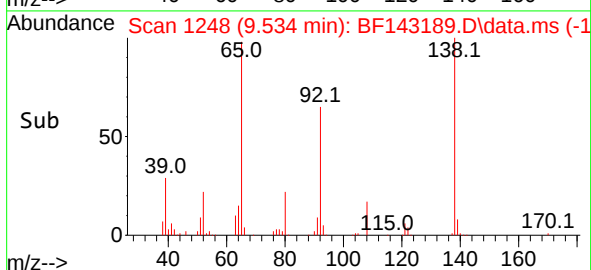
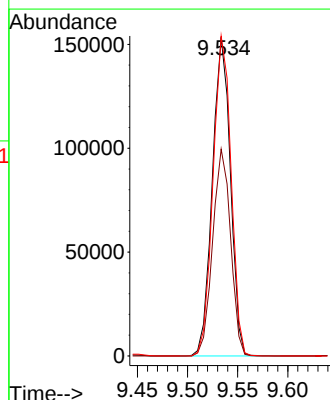
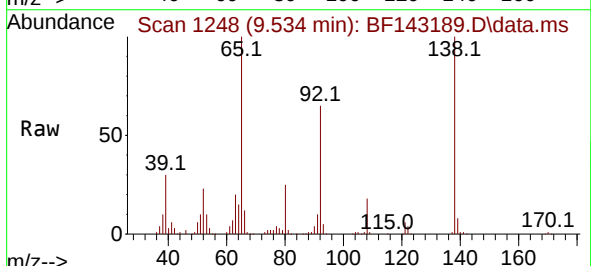
Tgt Ion: 65 Resp: 190970

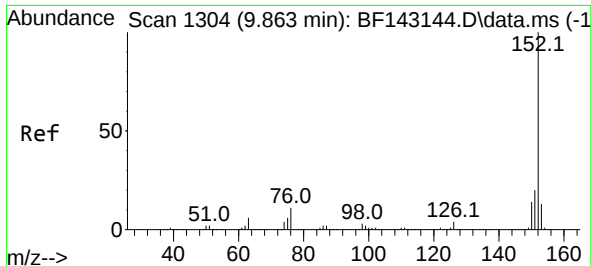
Ion Ratio Lower Upper

65 100

92 64.9 52.4 78.6

138 100.4 82.3 123.5

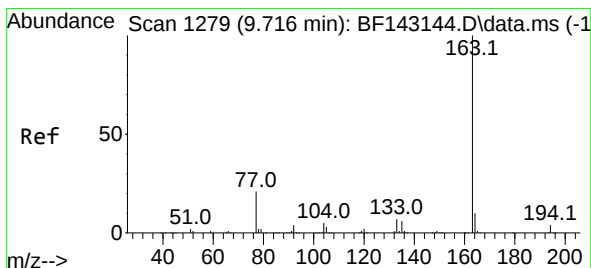
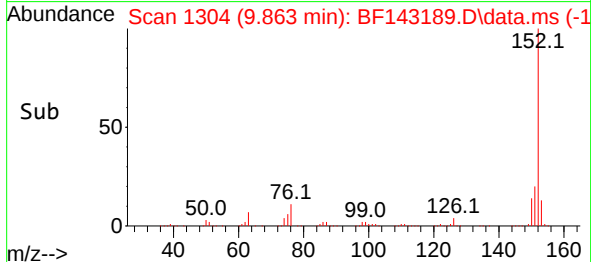
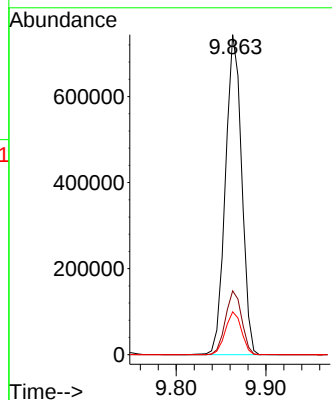
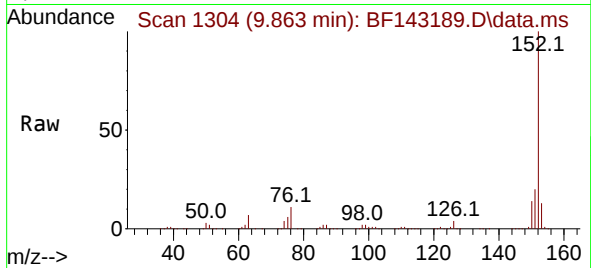




#49
Acenaphthylene
Concen: 39.136 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

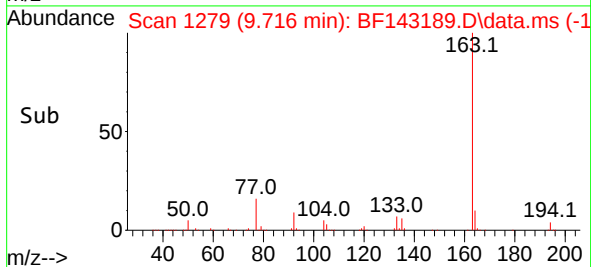
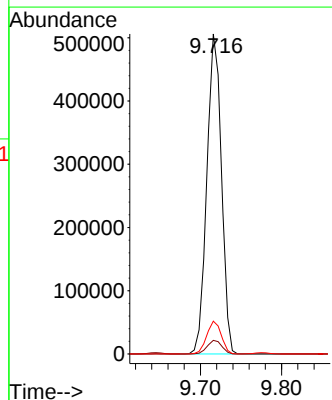
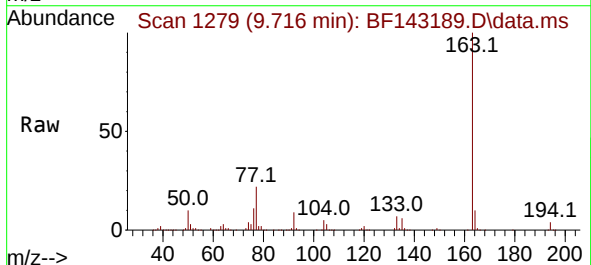
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

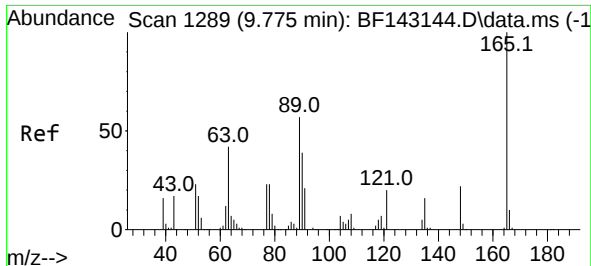
Tgt Ion:152 Resp: 934478
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 39.152 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:163 Resp: 629874
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5

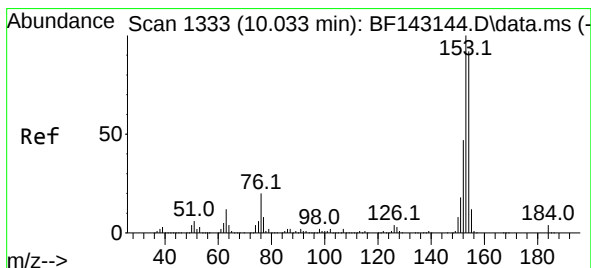
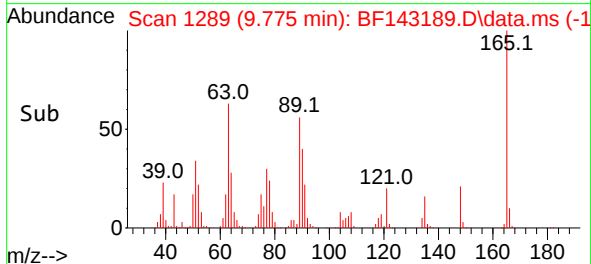
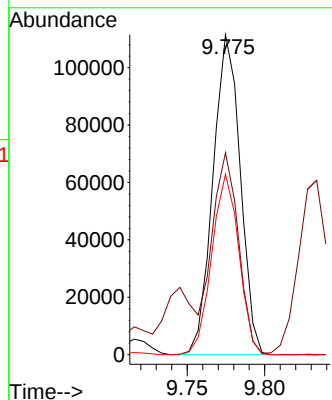
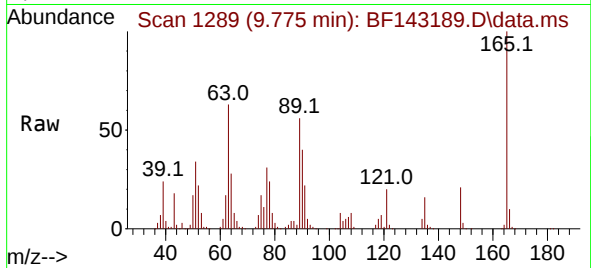




#51
2,6-Dinitrotoluene
Concen: 41.650 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

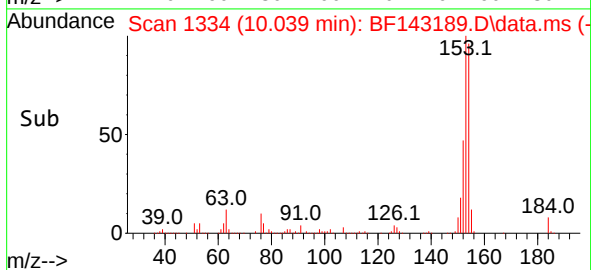
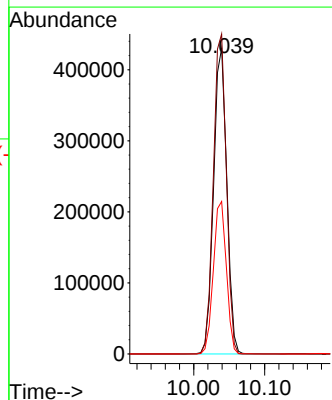
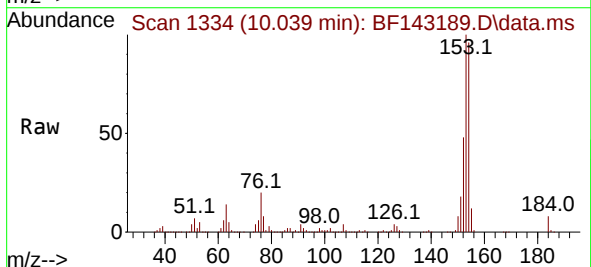
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

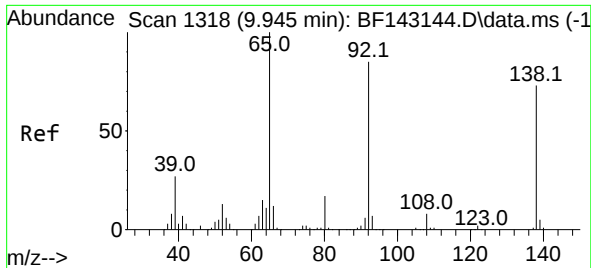
Tgt Ion:165 Resp: 136310
Ion Ratio Lower Upper
165 100
63 63.1 49.4 74.2
89 56.4 46.2 69.2



#52
Acenaphthene
Concen: 39.440 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:154 Resp: 556618
Ion Ratio Lower Upper
154 100
153 104.7 86.6 129.8
152 49.9 40.4 60.6

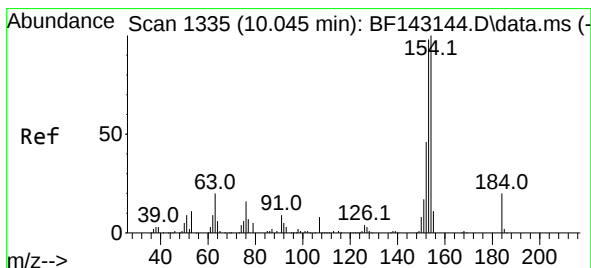
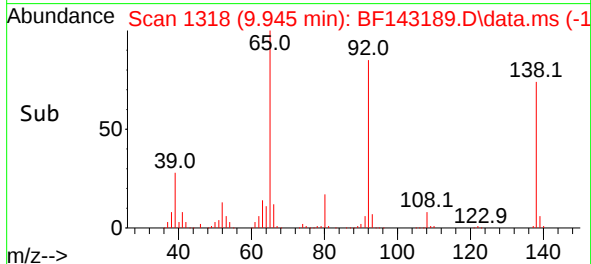
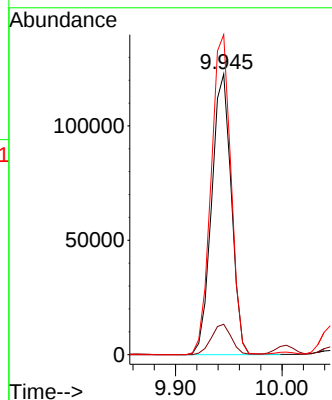
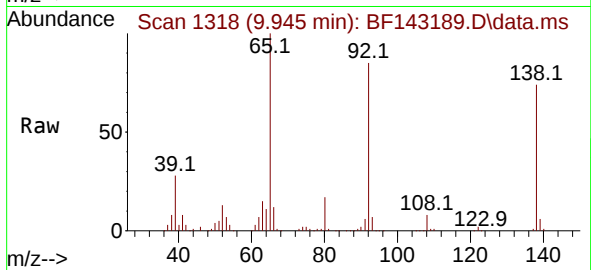




#53
3-Nitroaniline
Concen: 41.140 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

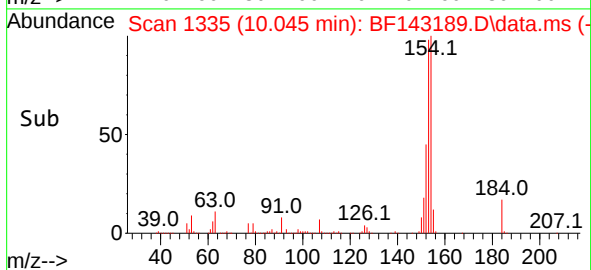
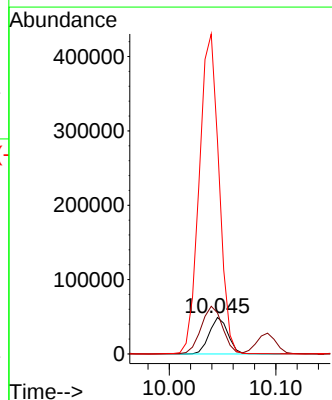
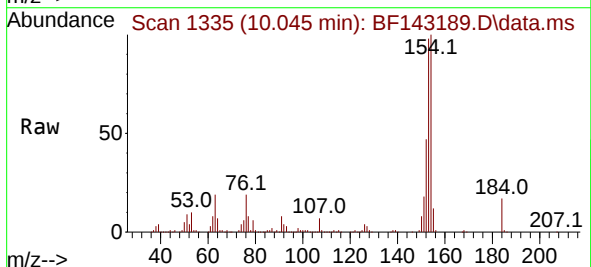
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

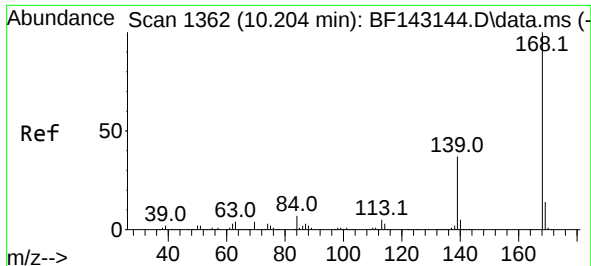
Tgt Ion:138 Resp: 157487
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 114.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 43.787 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:184 Resp: 60068
Ion Ratio Lower Upper
184 100
63 112.7 81.8 122.6
154 584.2 412.2 618.4

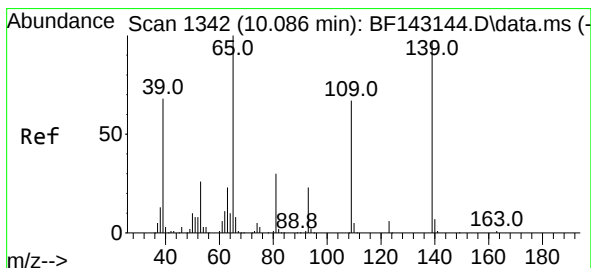
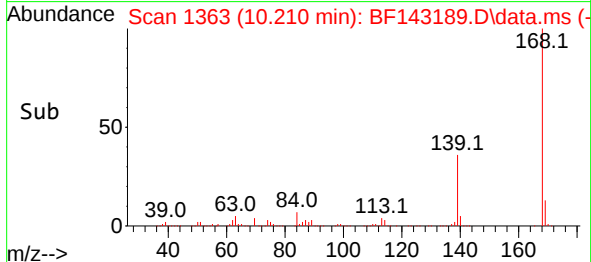
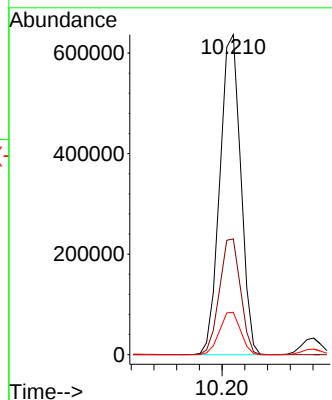
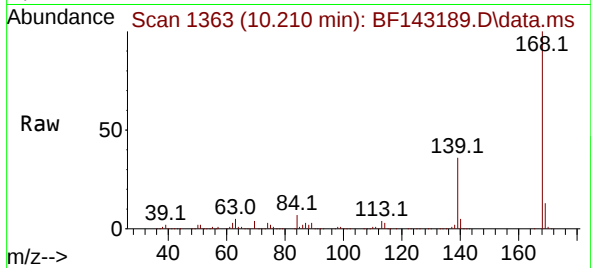




#55
Dibenzenofuran
Concen: 38.849 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

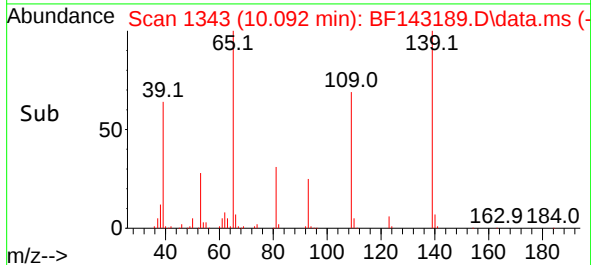
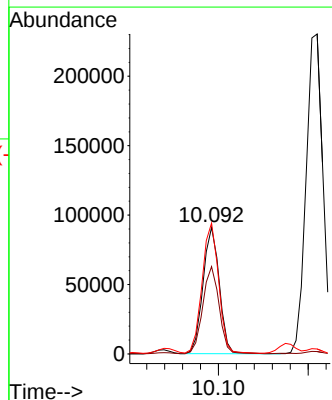
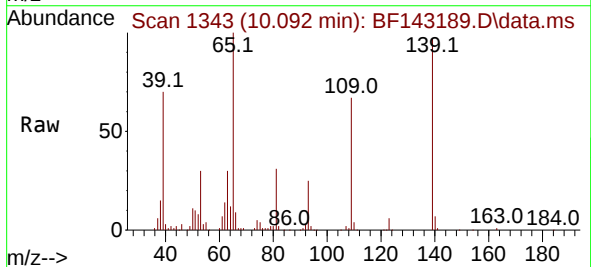
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

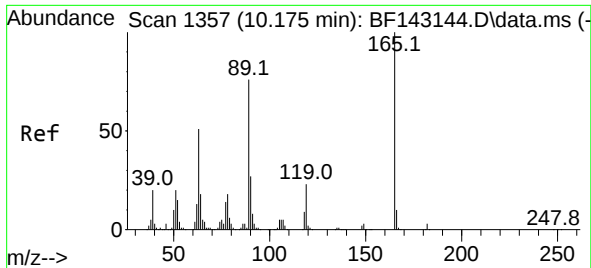
Tgt Ion:168 Resp: 814014
Ion Ratio Lower Upper
168 100
139 36.2 29.5 44.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 40.283 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:139 Resp: 115153
Ion Ratio Lower Upper
139 100
109 69.0 48.5 88.5
65 103.4 83.4 123.4

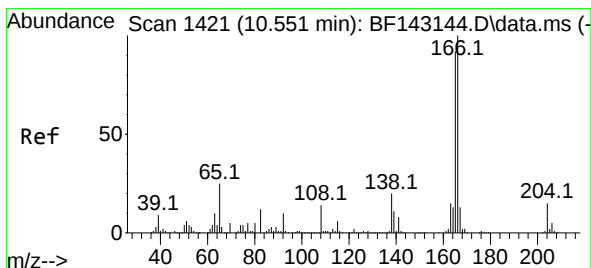
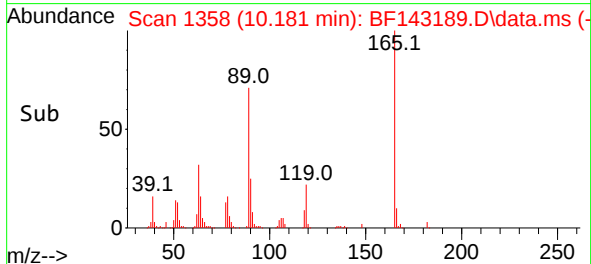
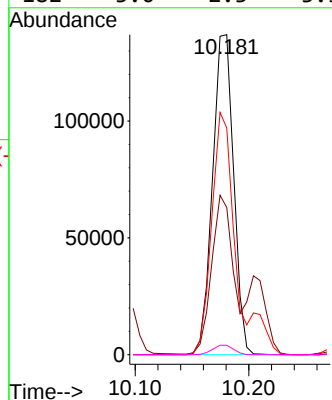
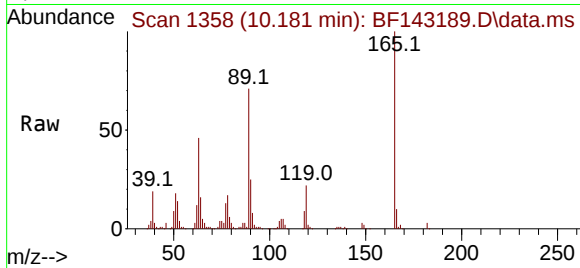




#57
2,4-Dinitrotoluene
Concen: 43.119 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

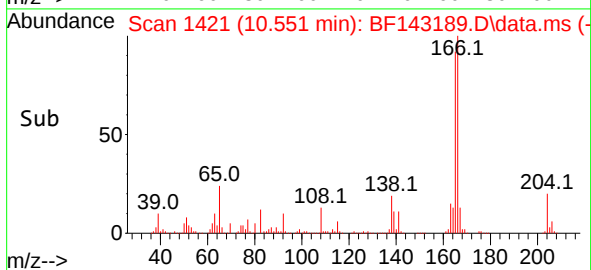
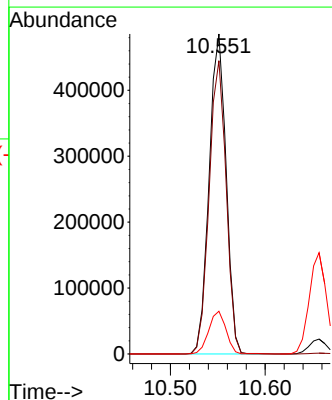
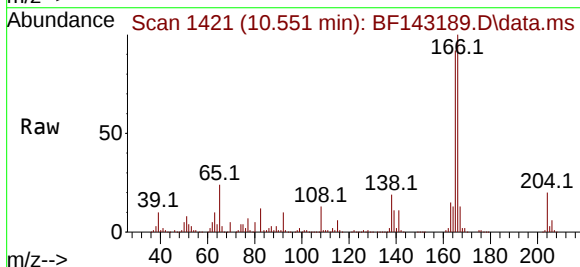
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

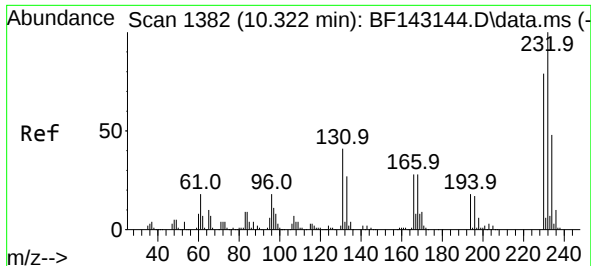
Tgt Ion:165 Resp: 177050
Ion Ratio Lower Upper
165 100
63 46.0 41.0 61.4
89 70.9 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 38.372 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:166 Resp: 603434
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.3 10.6 16.0

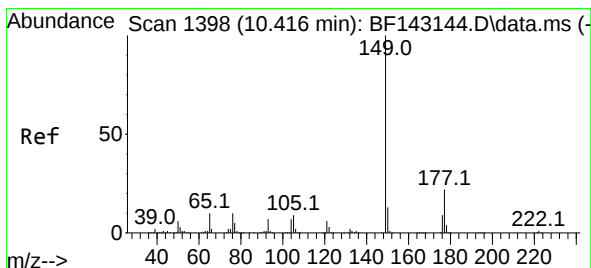
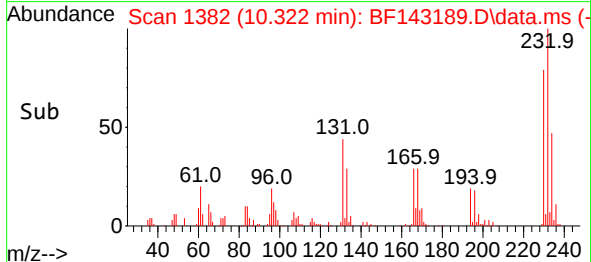
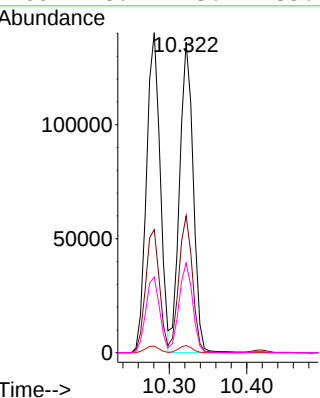
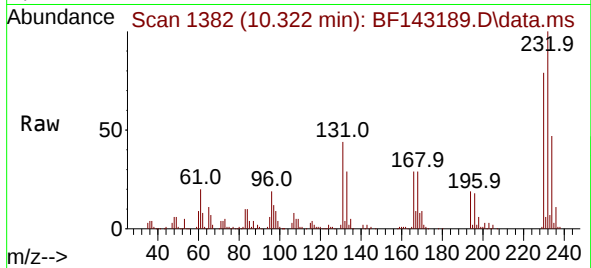




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.701 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

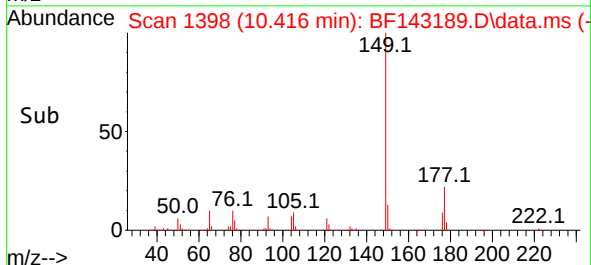
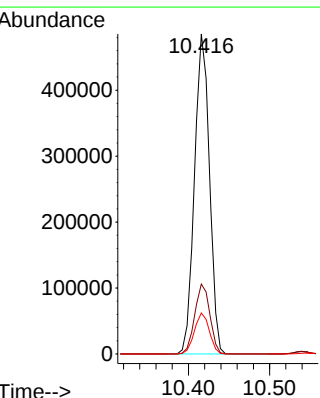
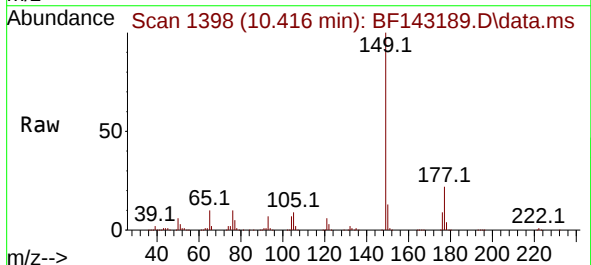
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

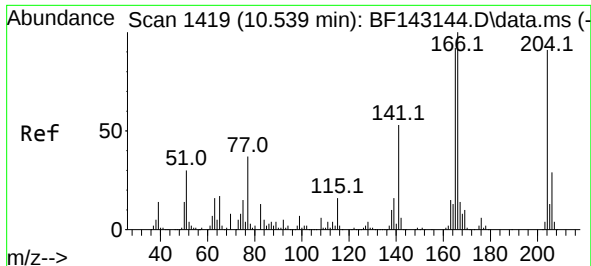
Tgt Ion:232 Resp: 166321
Ion Ratio Lower Upper
232 100
131 44.0 35.3 52.9
130 2.3 1.7 2.5
166 28.9 23.4 35.2



#60
Diethylphthalate
Concen: 38.988 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 619966
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 10.2 15.2

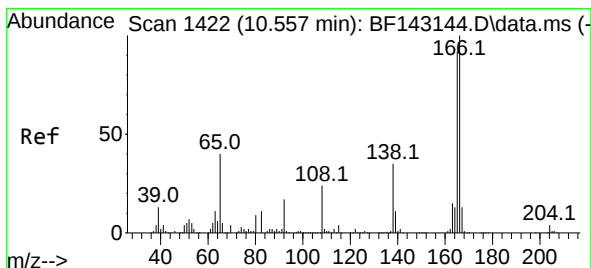
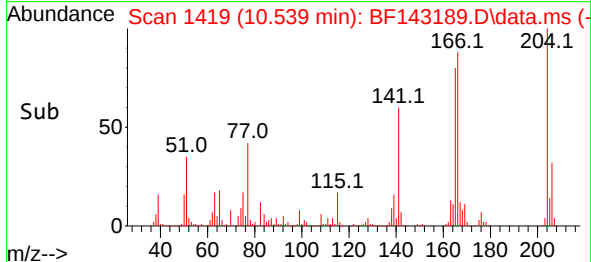
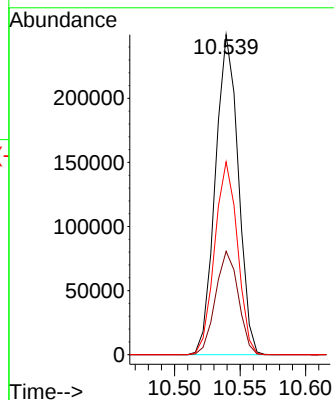
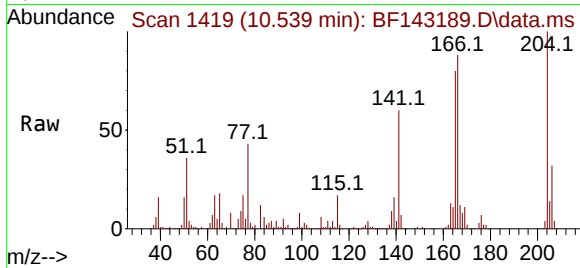




#61
4-Chlorophenyl-phenylether
Concen: 38.676 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

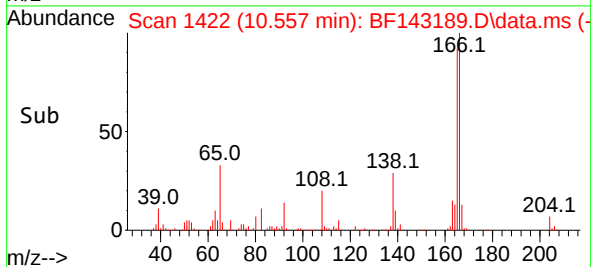
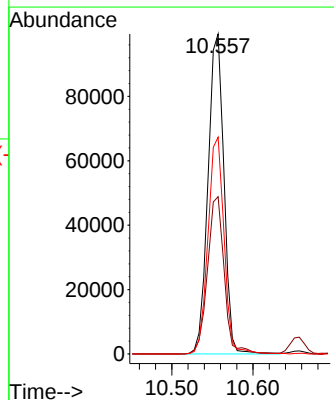
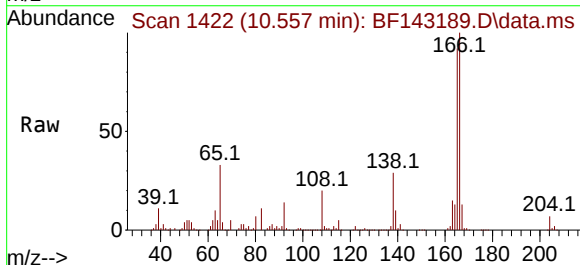
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

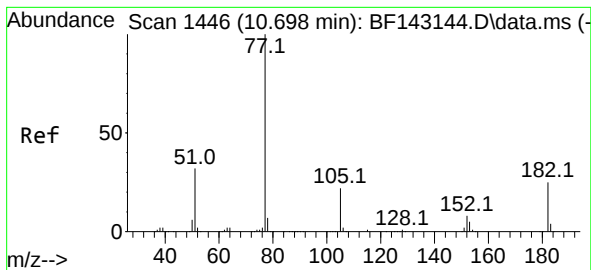
Tgt Ion:204 Resp: 302855
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 60.3 47.0 70.4



#62
4-Nitroaniline
Concen: 41.196 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:138 Resp: 135159
Ion Ratio Lower Upper
138 100
92 49.1 29.3 69.3
108 67.7 48.3 88.3

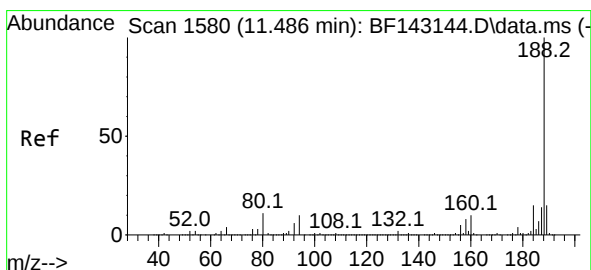
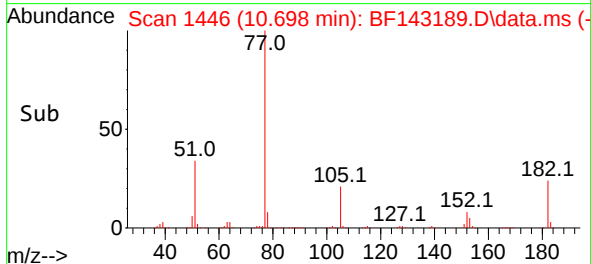
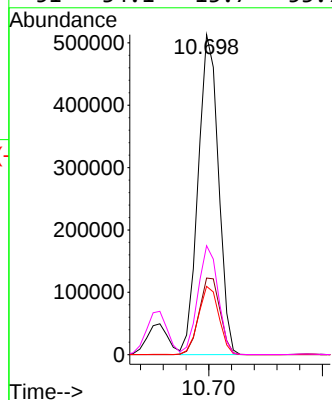
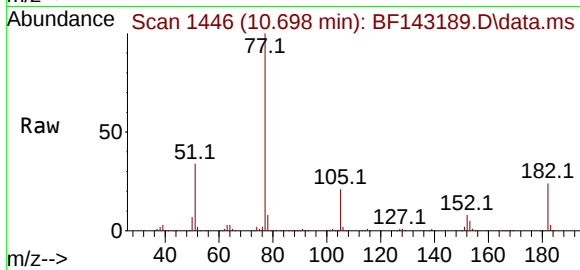




#63
Azobenzene
Concen: 38.405 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

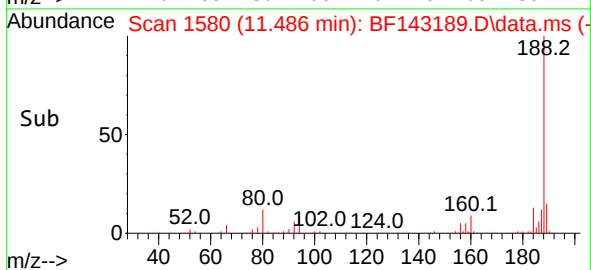
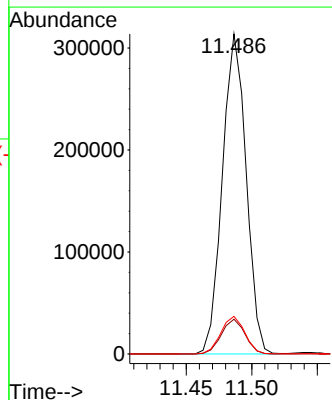
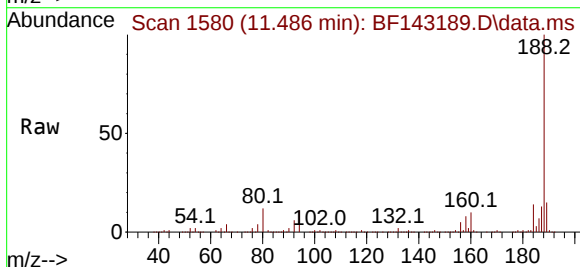
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

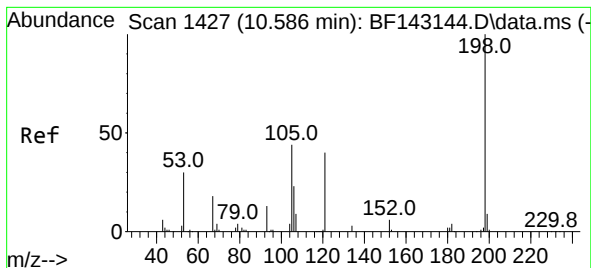
Tgt Ion: 77	Resp: 636485
Ion Ratio	Lower Upper
77 100	
182 24.0	4.6 44.6
105 21.3	1.4 41.4
51 34.1	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:188	Resp: 395216		
Ion Ratio	Lower	Upper	
188 100			
94 10.9	8.3	12.5	
80 11.7	9.0	13.6	

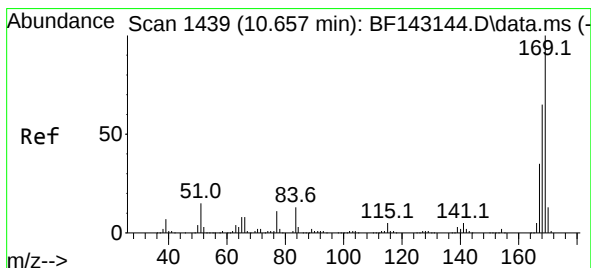
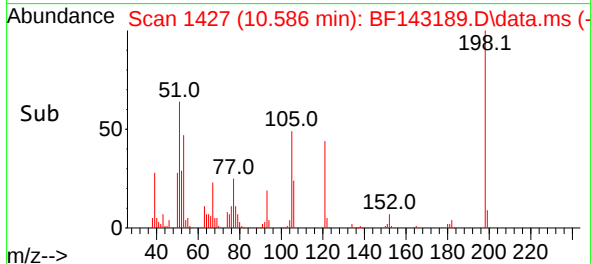
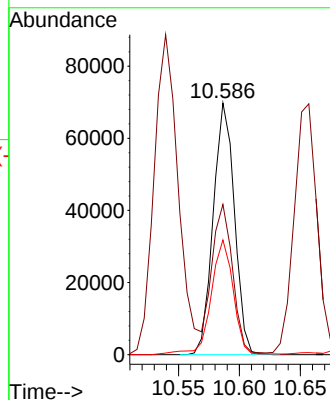
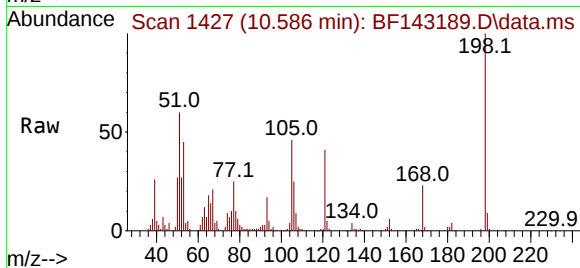




#65
4,6-Dinitro-2-methylphenol
Concen: 41.582 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

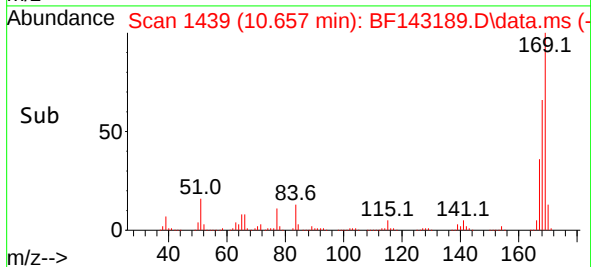
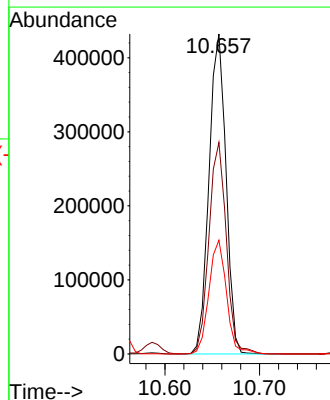
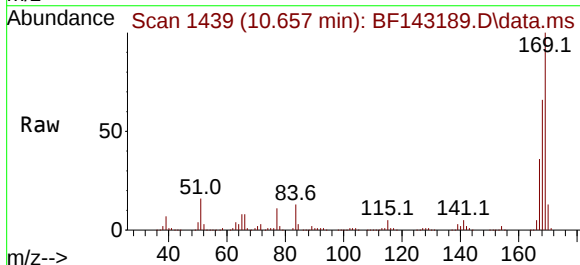
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

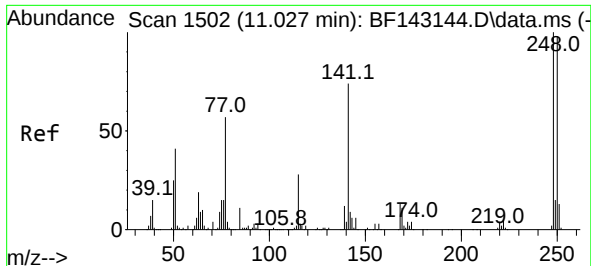
Tgt Ion:198 Resp: 84461
Ion Ratio Lower Upper
198 100
51 59.7 37.2 77.2
105 45.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.742 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:169 Resp: 539169
Ion Ratio Lower Upper
169 100
168 66.1 52.1 78.1
167 35.5 28.2 42.2

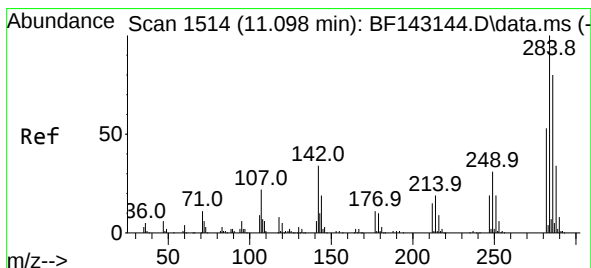
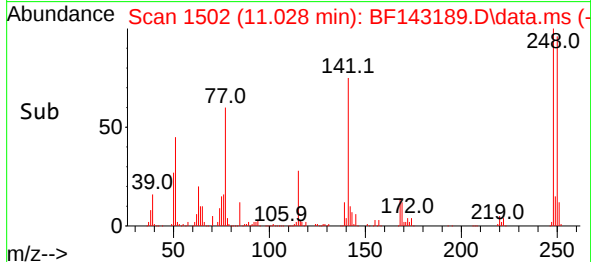
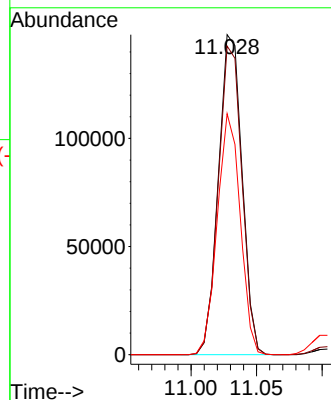
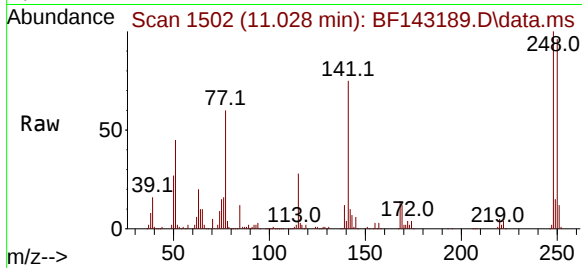




#67
4-Bromophenyl-phenylether
Concen: 39.399 ng
RT: 11.028 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

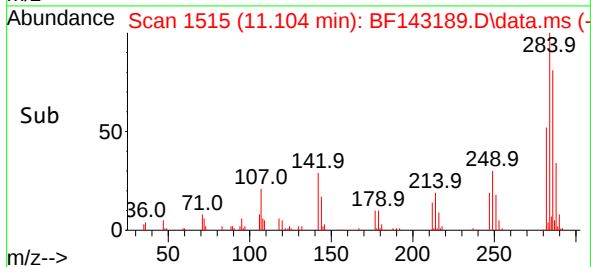
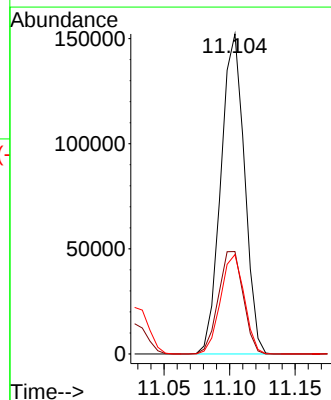
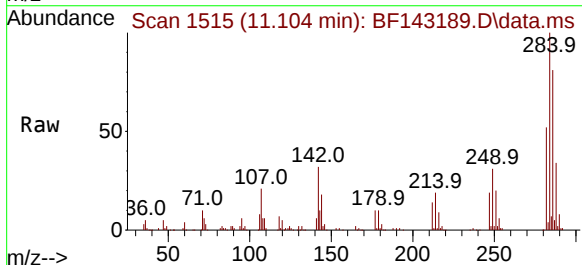
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

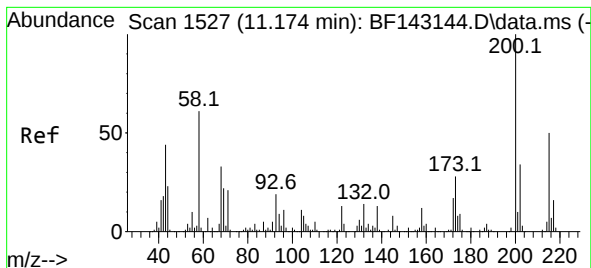
Tgt Ion:248 Resp: 185567
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 75.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.662 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:284 Resp: 190328
Ion Ratio Lower Upper
284 100
142 32.0 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 40.711 ng

RT: 11.175 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

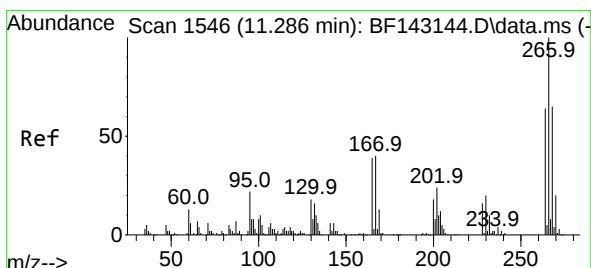
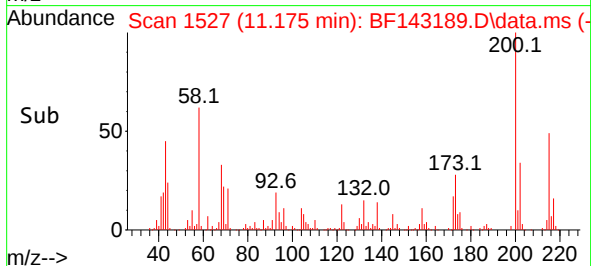
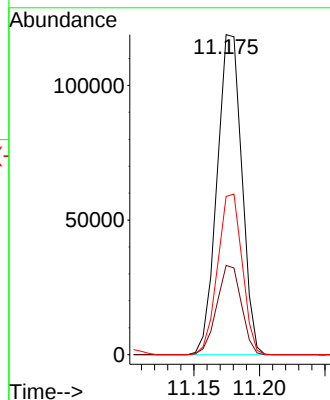
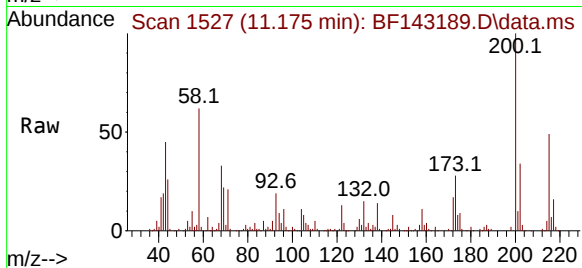
Tgt Ion:200 Resp: 156196

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 49.4 30.1 70.1



#70

Pentachlorophenol

Concen: 42.369 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

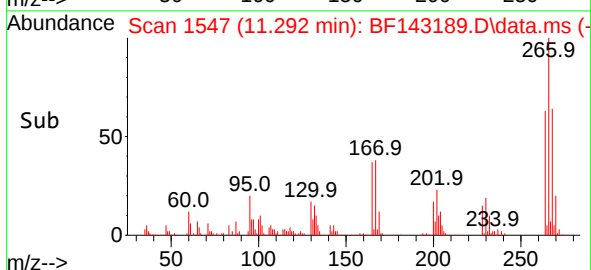
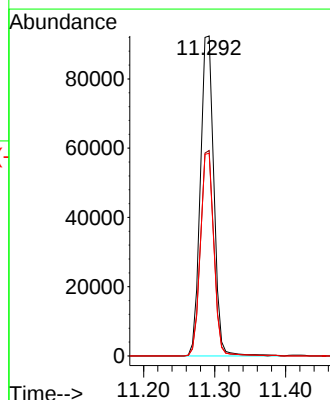
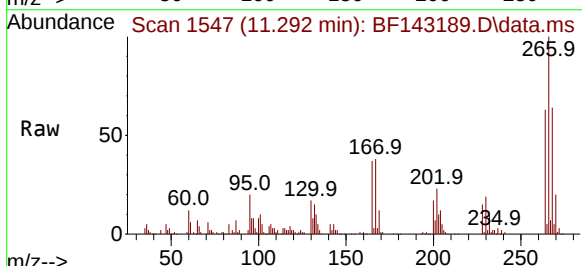
Tgt Ion:266 Resp: 122659

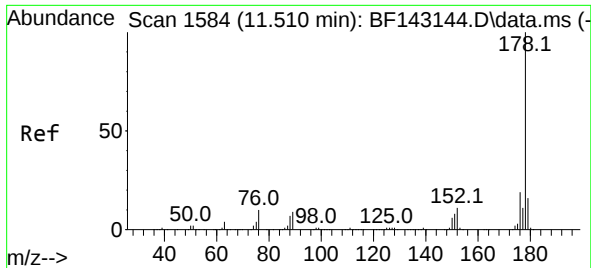
Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

264 63.4 51.0 76.6

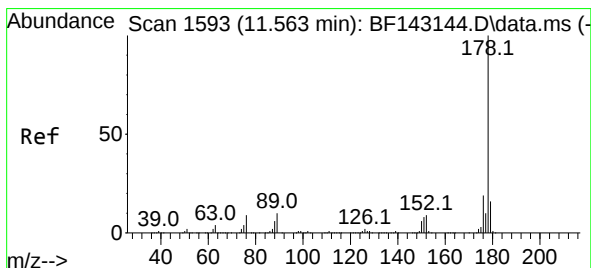
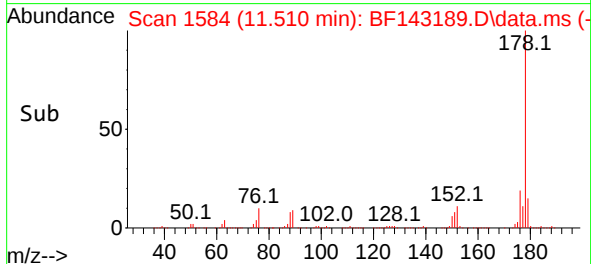
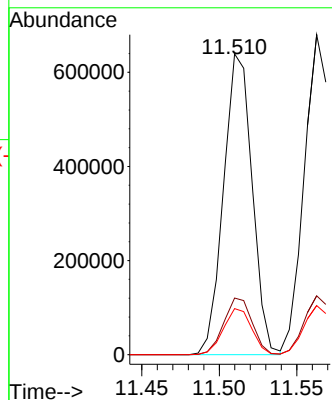
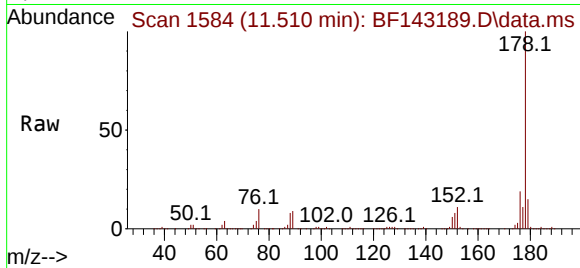




#71
Phenanthrene
Concen: 39.198 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

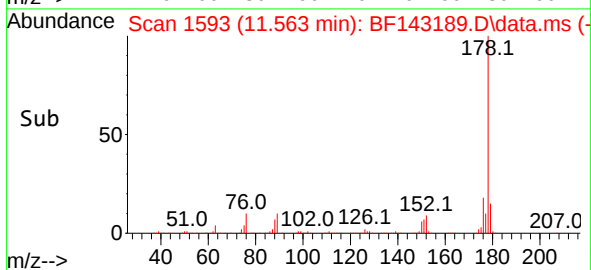
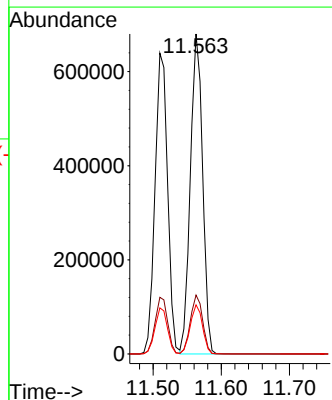
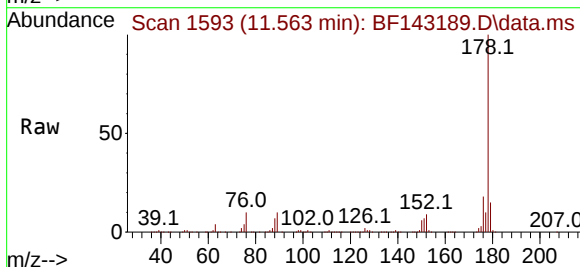
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

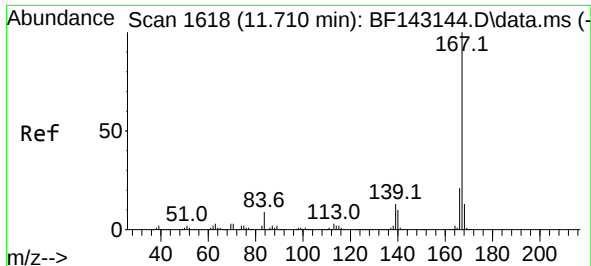
Tgt Ion:178 Resp: 822568
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 39.397 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:178 Resp: 843171
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.5 18.7

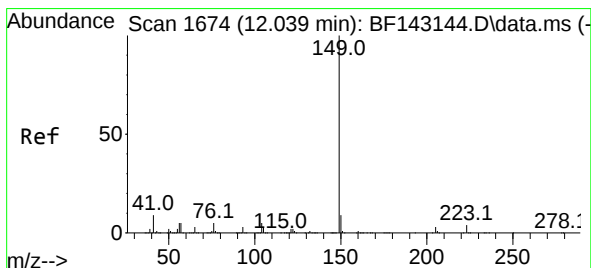
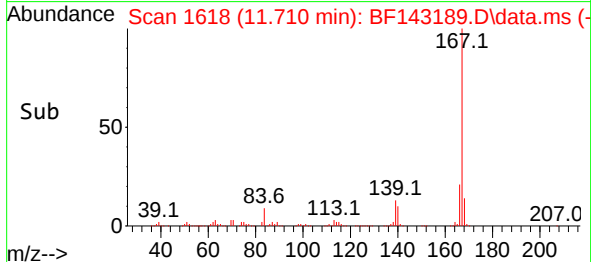
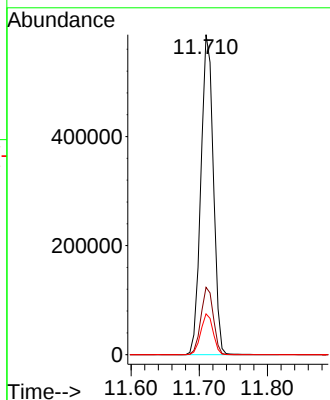
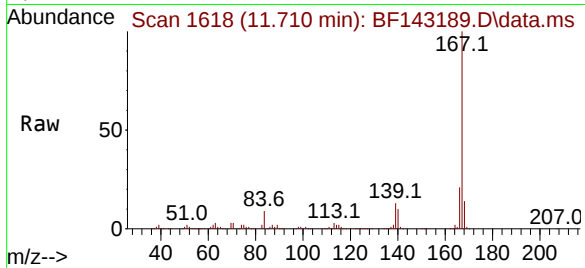




#73
 Carbazole
 Concen: 39.904 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

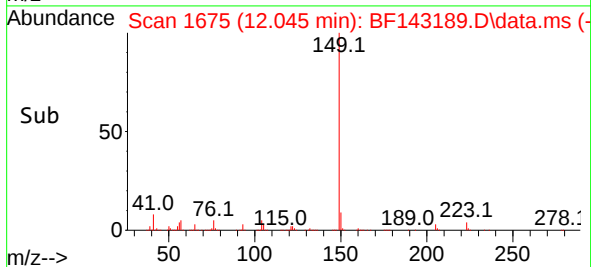
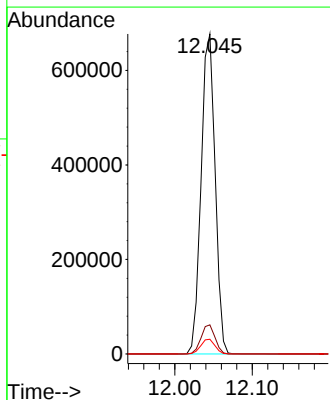
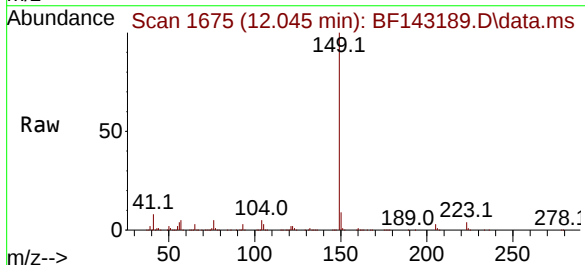
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

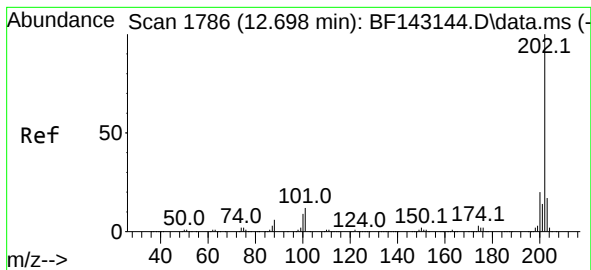
Tgt Ion:167 Resp: 745732
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.158 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143189.D
 Acq: 22 Jul 2025 15:23

Tgt Ion:149 Resp: 849173
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 39.801 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

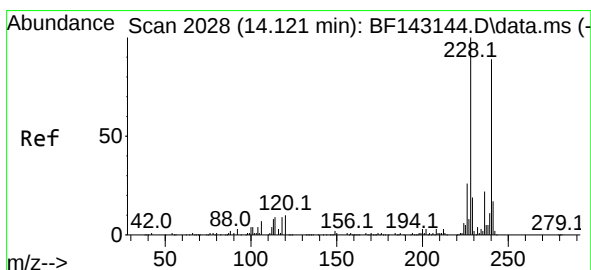
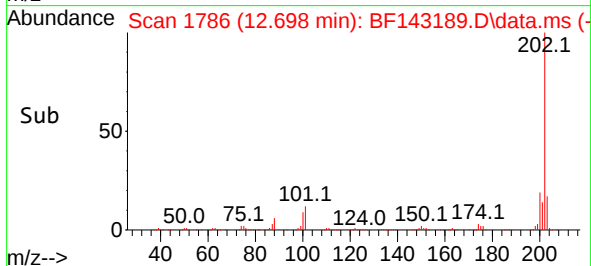
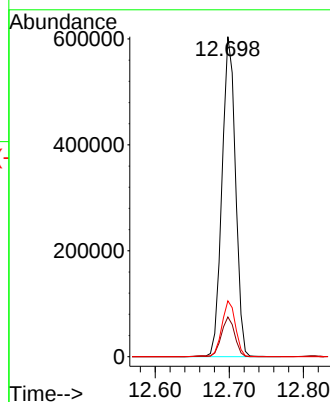
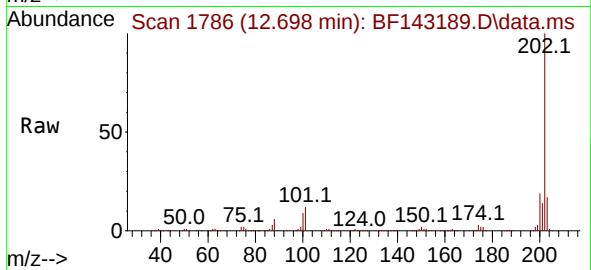
Tgt Ion:202 Resp: 766621

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

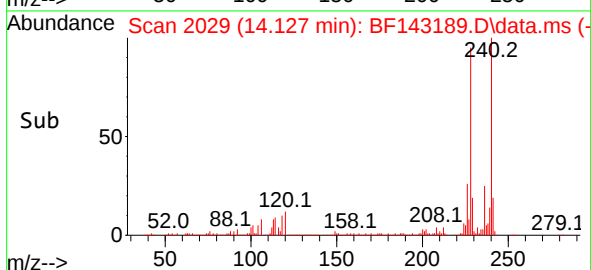
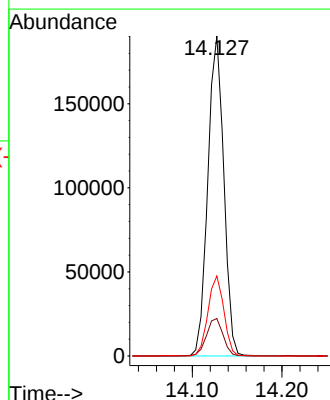
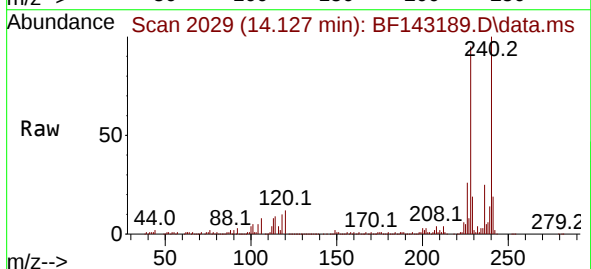
Tgt Ion:240 Resp: 234922

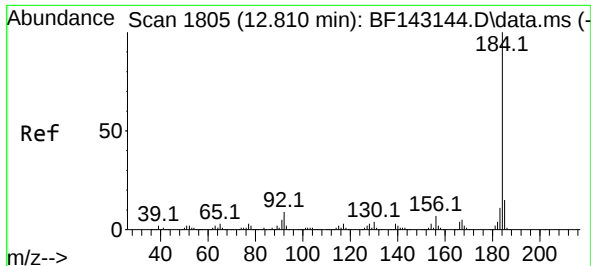
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.0 20.2 30.4

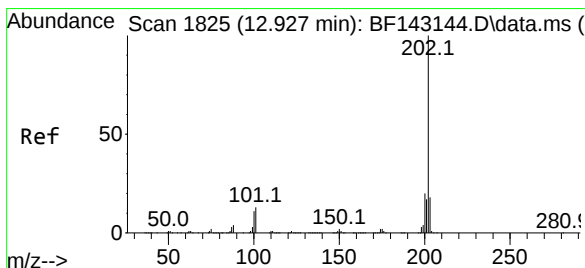
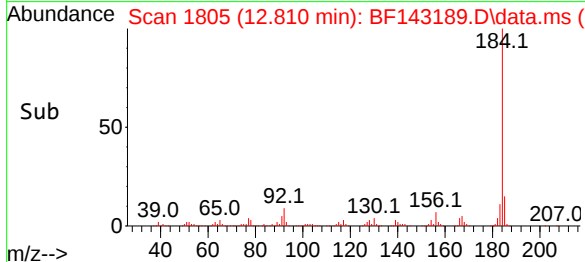
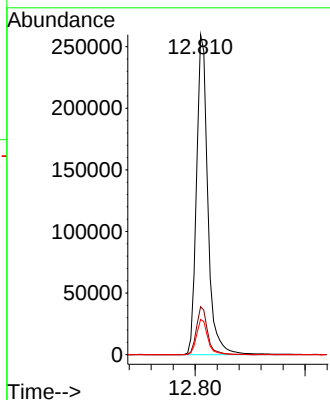
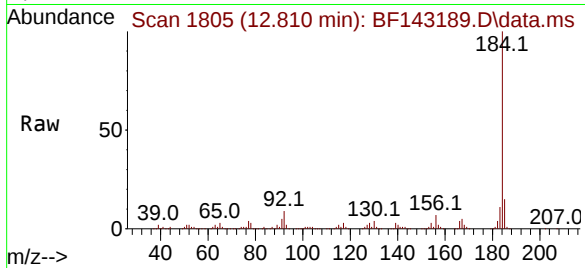




#77
Benzidine
Concen: 40.991 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

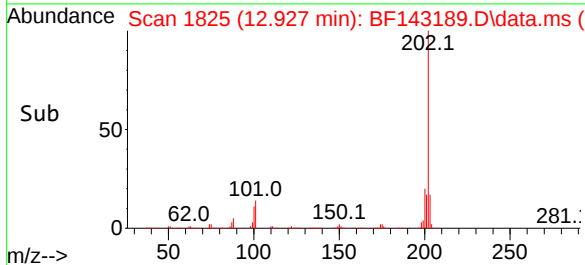
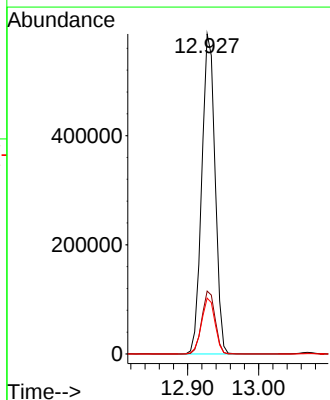
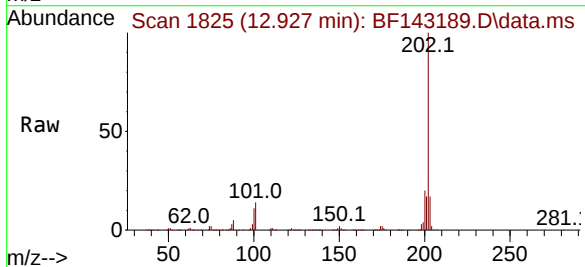
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

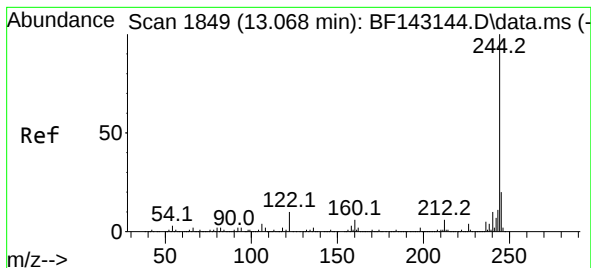
Tgt Ion:184 Resp: 371006
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 38.120 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:202 Resp: 764286
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 74.604 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

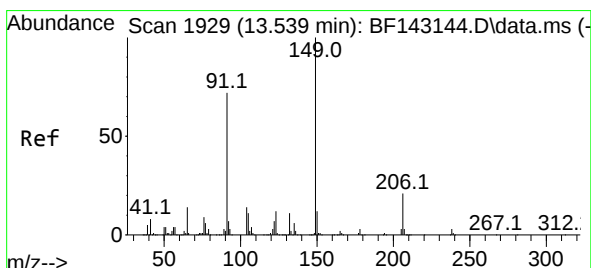
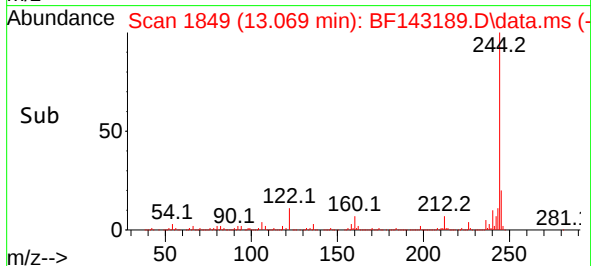
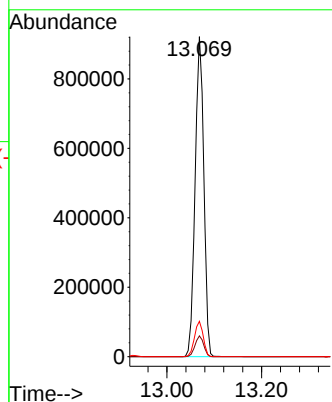
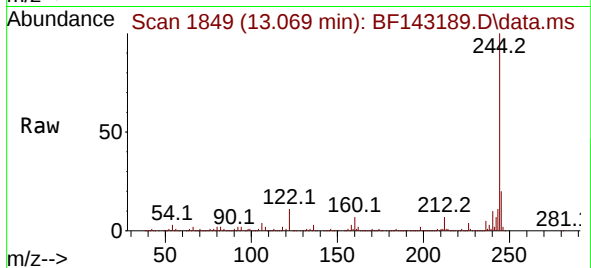
Tgt Ion:244 Resp: 1177750

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.629 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

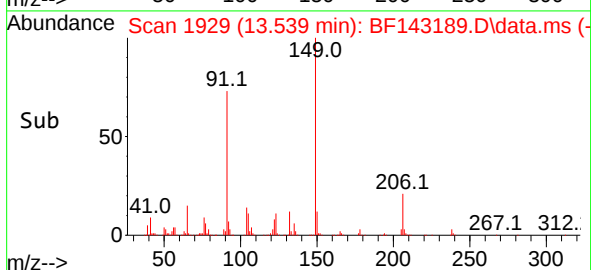
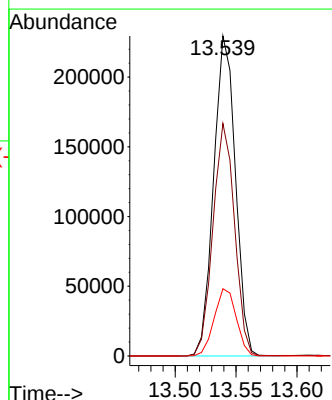
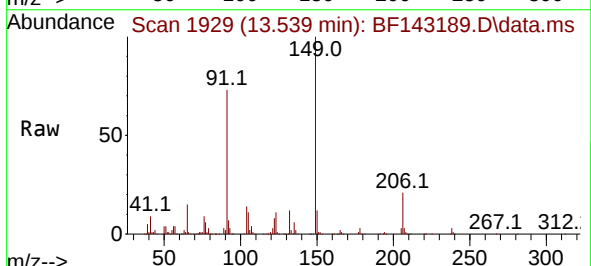
Tgt Ion:149 Resp: 286273

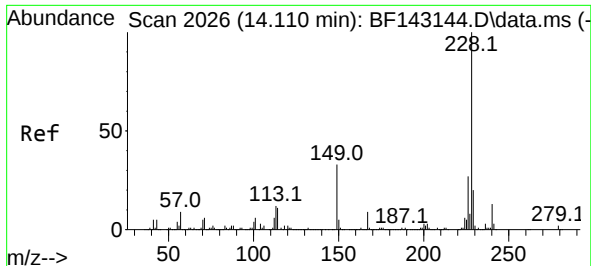
Ion Ratio Lower Upper

149 100

91 72.6 57.9 86.9

206 21.0 17.0 25.4

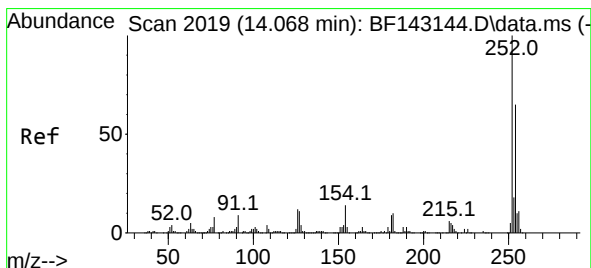
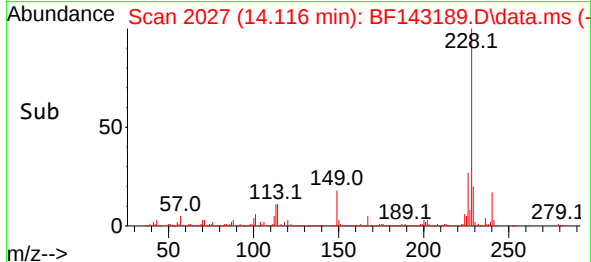
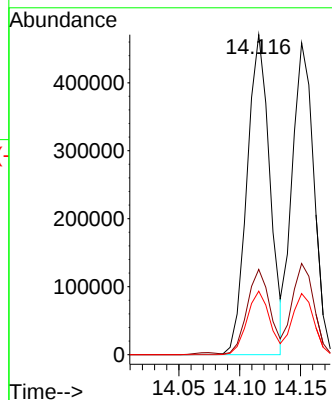
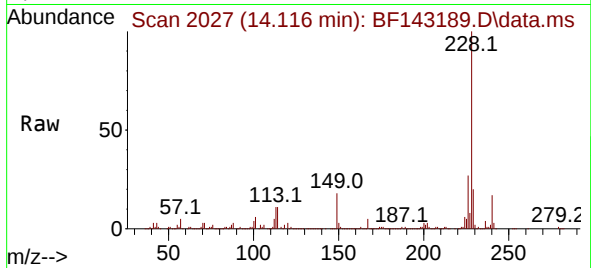




#81
Benzo(a)anthracene
Concen: 39.198 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

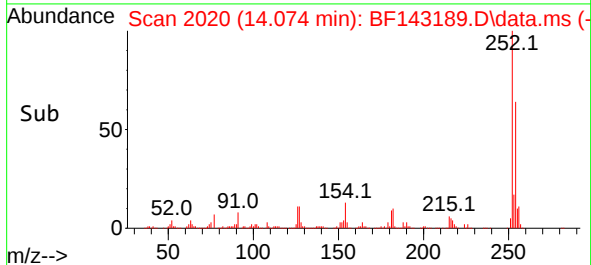
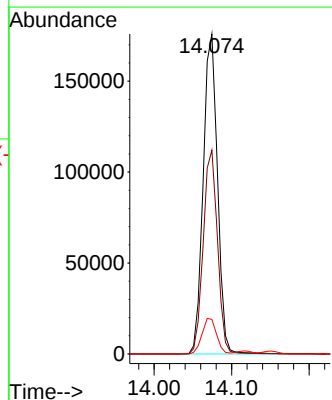
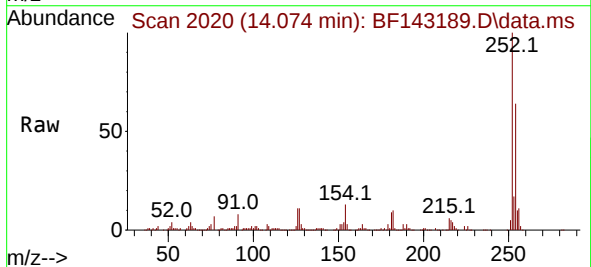
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

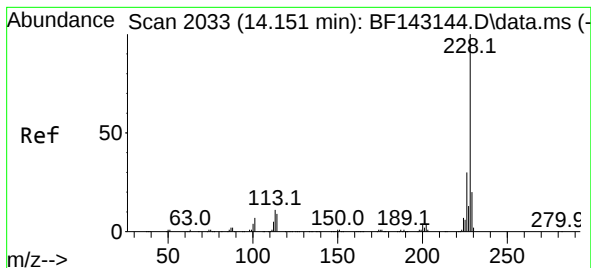
Tgt Ion:228 Resp: 616503
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.971 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:252 Resp: 225253
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 10.8 9.4 14.0





#83

Chrysene

Concen: 40.210 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

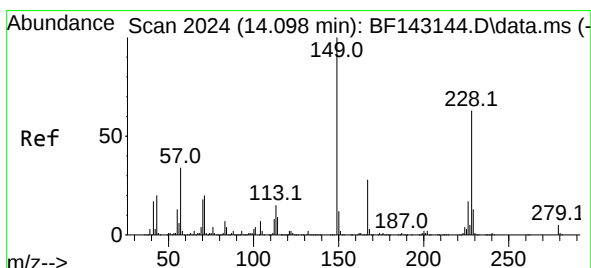
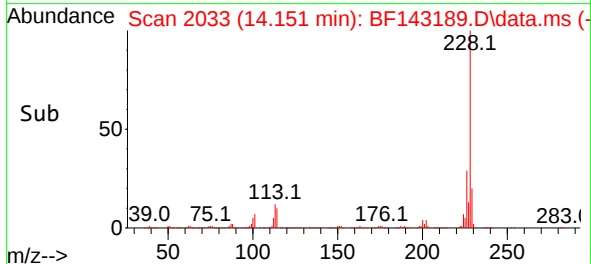
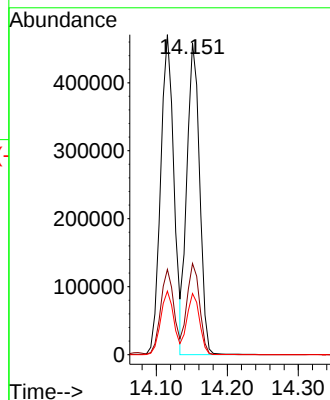
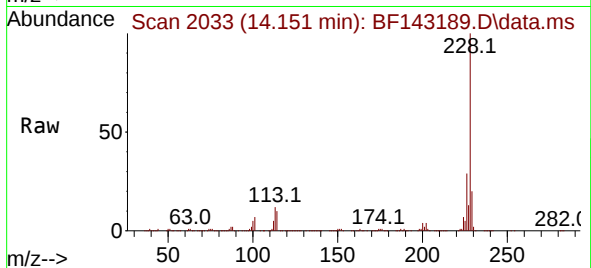
Tgt Ion:228 Resp: 568603

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.204 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

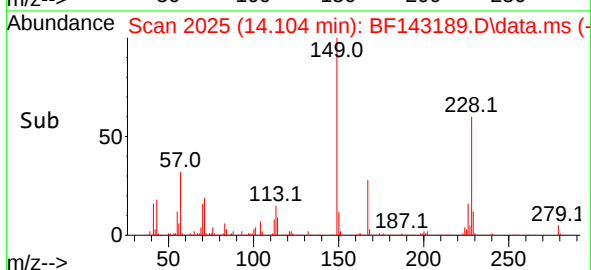
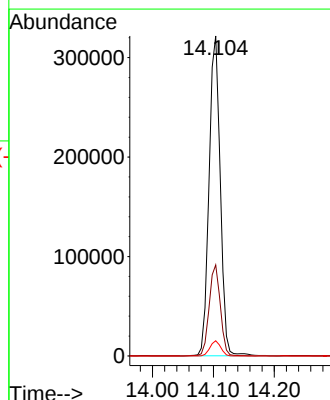
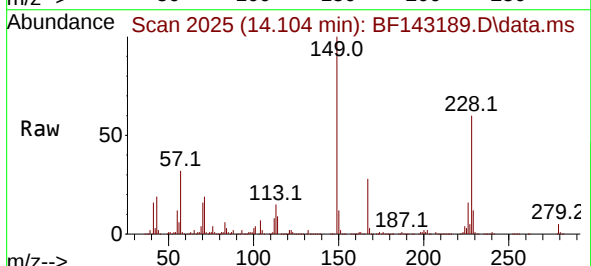
Tgt Ion:149 Resp: 410770

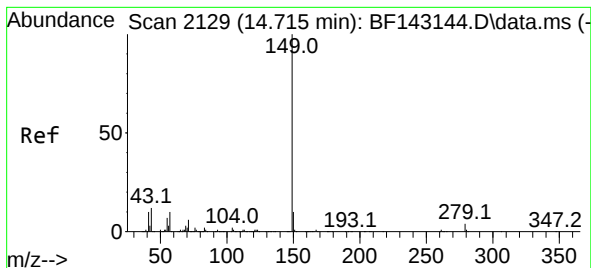
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.471 ng

RT: 14.716 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

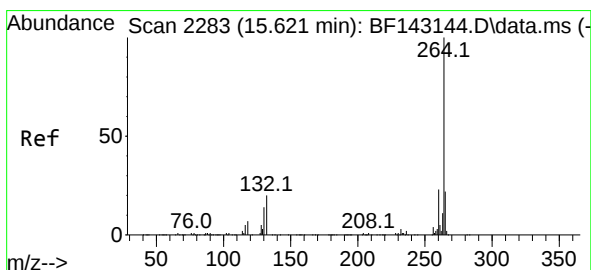
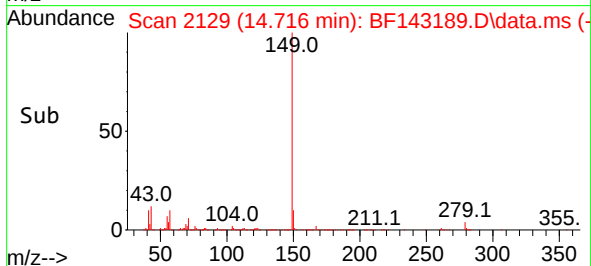
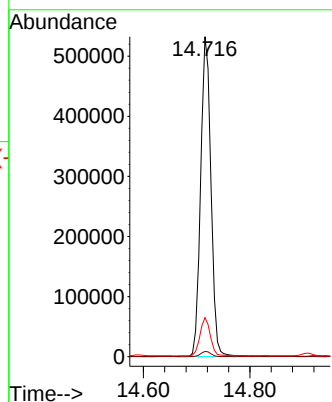
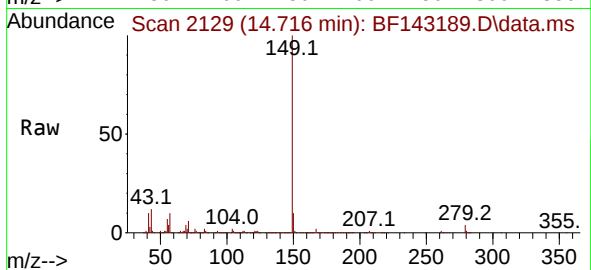
Tgt Ion:149 Resp: 715376

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 11.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.012 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

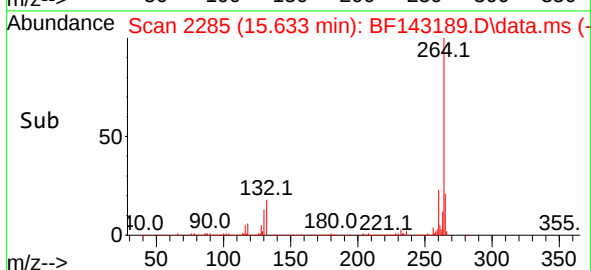
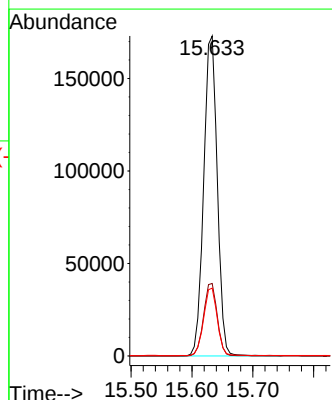
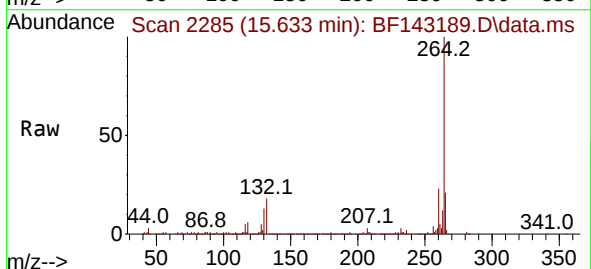
Tgt Ion:264 Resp: 268523

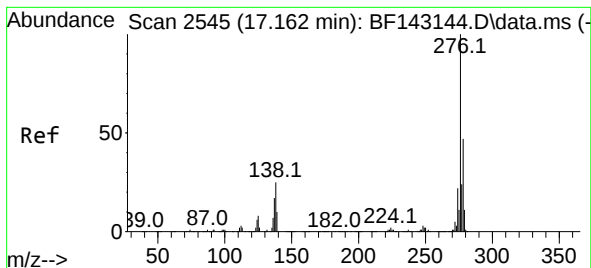
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.972 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

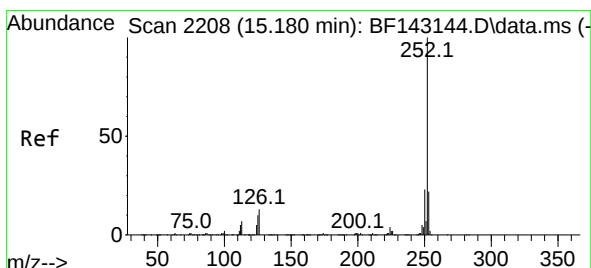
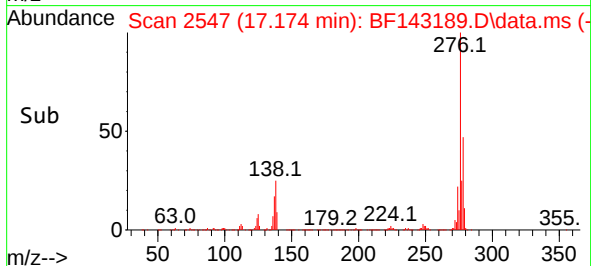
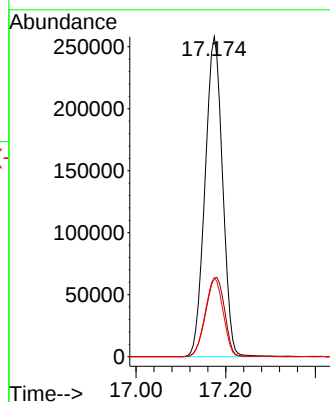
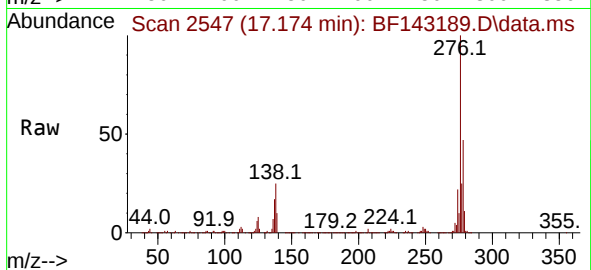
Tgt Ion:276 Resp: 700038

Ion Ratio Lower Upper

276 100

138 26.7 21.8 32.6

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.793 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

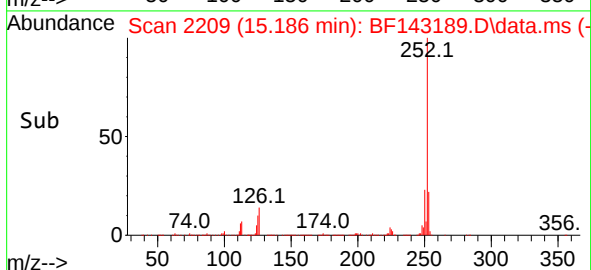
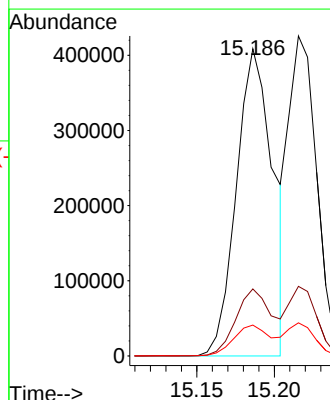
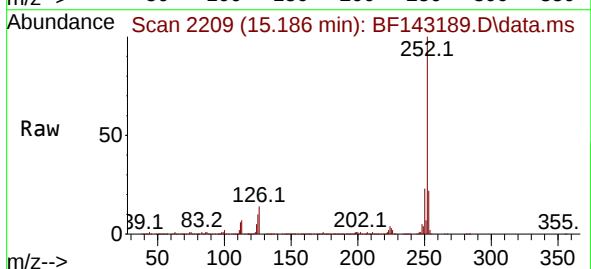
Tgt Ion:252 Resp: 669179

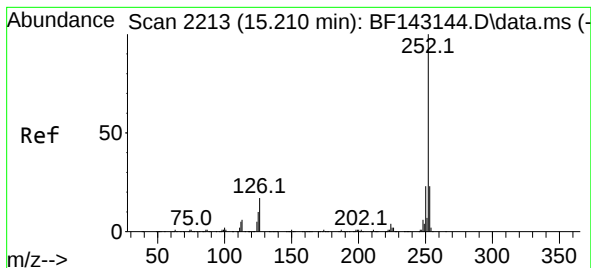
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 36.651 ng

RT: 15.216 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

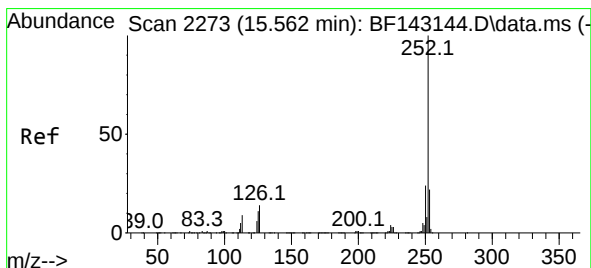
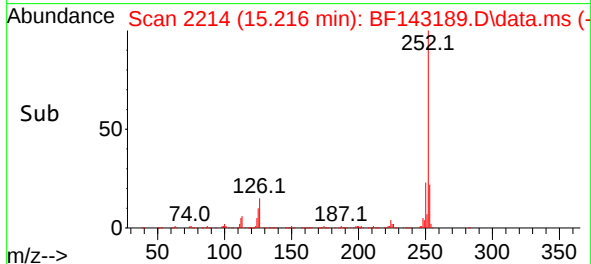
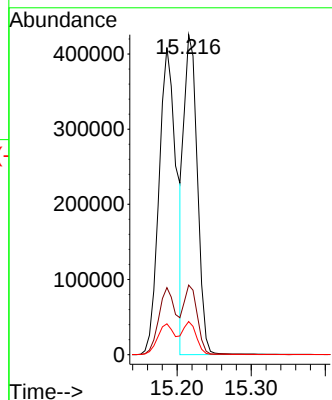
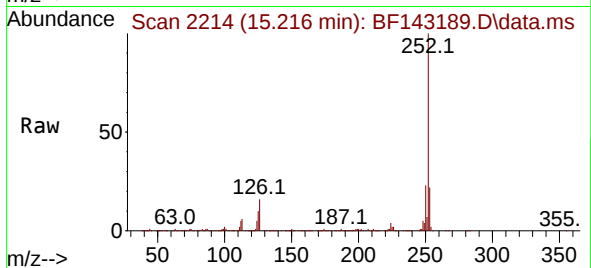
Tgt Ion:252 Resp: 536517

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.621 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143189.D

Acq: 22 Jul 2025 15:23

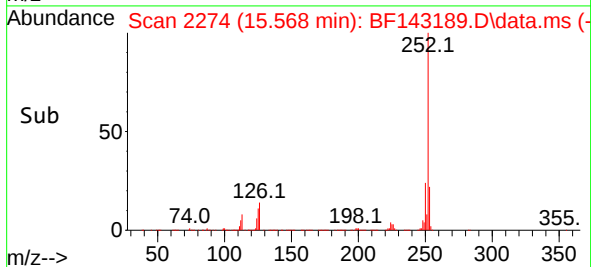
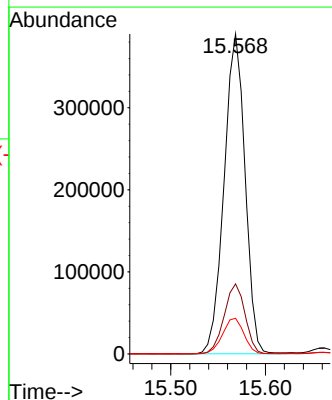
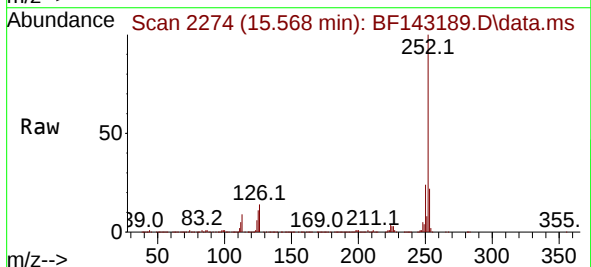
Tgt Ion:252 Resp: 598833

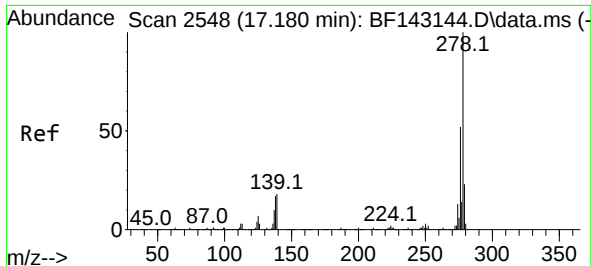
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.2 8.6 13.0

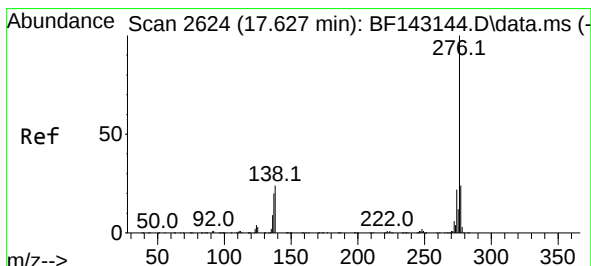
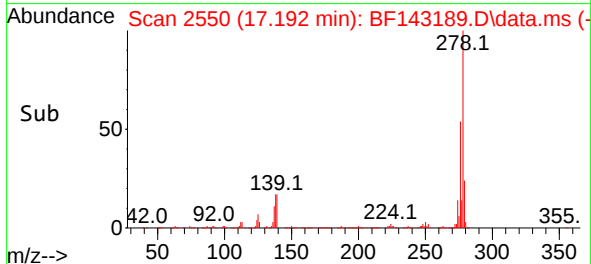
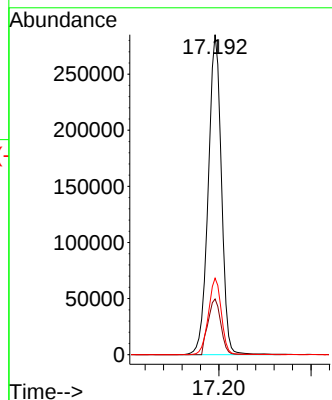
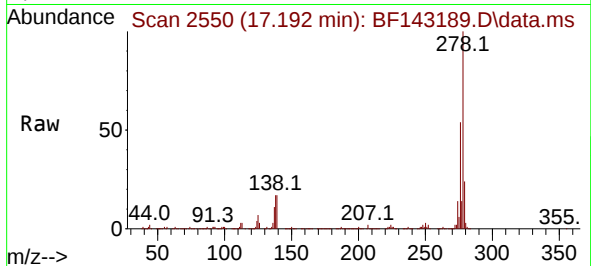




#91
Dibenzo(a,h)anthracene
Concen: 36.822 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 567481
Ion Ratio Lower Upper
278 100
139 17.4 14.1 21.1
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.812 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143189.D
Acq: 22 Jul 2025 15:23

Tgt Ion:276 Resp: 548789
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 23.6 18.9 28.3

