

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143187.D
 Acq On : 22 Jul 2025 13:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 22 14:27:10 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	111012	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	422094	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	210926	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	343518	20.000	ng	0.00
76) Chrysene-d12	14.127	240	225021	20.000	ng	0.00
86) Perylene-d12	15.633	264	256485	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	545451	77.753	ng	0.00
7) Phenol-d6	6.587	99	683542	77.413	ng	0.00
23) Nitrobenzene-d5	7.522	82	682159	80.559	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	180390	82.786	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1222876	79.290	ng	0.00
79) Terphenyl-d14	13.069	244	1065941	70.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	127151	38.305	ng	99
3) Pyridine	3.581	79	330042	38.307	ng	100
4) n-Nitrosodimethylamine	3.516	42	171619	38.581	ng	99
6) Aniline	6.628	93	472751	38.416	ng	98
8) 2-Chlorophenol	6.751	128	287831	39.143	ng	98
9) Benzaldehyde	6.516	77	247030	37.310	ng	99
10) Phenol	6.598	94	396833	41.254	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	283947	38.553	ng	100
12) 1,3-Dichlorobenzene	6.910	146	314817	39.411	ng	99
13) 1,4-Dichlorobenzene	6.987	146	315046	39.163	ng	99
14) 1,2-Dichlorobenzene	7.140	146	301343	39.385	ng	99
15) Benzyl Alcohol	7.098	79	264441	39.223	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	542587	39.713	ng	99
17) 2-Methylphenol	7.210	107	243112	39.321	ng	98
18) Hexachloroethane	7.481	117	112222	40.297	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	210871	37.224	ng	99
20) 3+4-Methylphenols	7.363	107	301964	40.254	ng	# 82
22) Acetophenone	7.369	105	384155	38.442	ng	# 98
24) Nitrobenzene	7.539	77	314726	39.866	ng	99
25) Isophorone	7.781	82	564494	37.763	ng	99
26) 2-Nitrophenol	7.857	139	151024	44.078	ng	99
27) 2,4-Dimethylphenol	7.892	122	270134	38.679	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	348359	38.868	ng	100
29) 2,4-Dichlorophenol	8.098	162	232204	39.425	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	250252	39.329	ng	99
31) Naphthalene	8.269	128	818994	39.398	ng	99
32) Benzoic acid	7.981	122	166968	43.041	ng	99
33) 4-Chloroaniline	8.310	127	329590	38.830	ng	99
34) Hexachlorobutadiene	8.392	225	154282	39.691	ng	99
35) Caprolactam	8.675	113	70018	39.340	ng	97
36) 4-Chloro-3-methylphenol	8.786	107	247616	38.680	ng	97
37) 2-Methylnaphthalene	8.957	142	499061	39.453	ng	99
38) 1-Methylnaphthalene	9.057	142	512869	39.373	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	244698	40.183	ng	99
41) Hexachlorocyclopentadiene	9.116	237	163162	41.178	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	164611	39.058	ng	99

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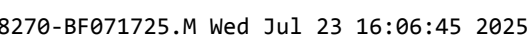
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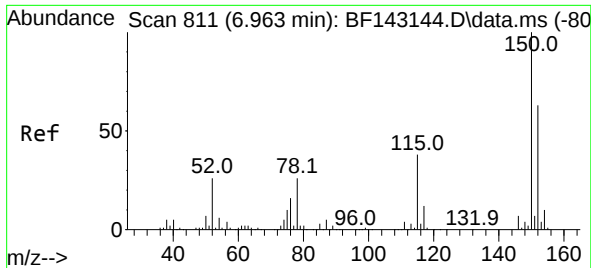
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	175359	41.595	ng	98
46) 1,1'-Biphenyl	9.422	154	657180	39.935	ng	100
47) 2-Chloronaphthalene	9.451	162	481986	39.583	ng	100
48) 2-Nitroaniline	9.533	65	162985	42.683	ng	98
49) Acenaphthylene	9.863	152	807496	39.572	ng	100
50) Dimethylphthalate	9.716	163	540541	39.316	ng	100
51) 2,6-Dinitrotoluene	9.775	165	116280	41.575	ng	98
52) Acenaphthene	10.039	154	488285	40.485	ng	98
53) 3-Nitroaniline	9.945	138	135487	41.415	ng	99
54) 2,4-Dinitrophenol	10.045	184	53173	45.117	ng	79
55) Dibenzofuran	10.210	168	702819	39.249	ng	99
56) 4-Nitrophenol	10.092	139	104968	42.968	ng	97
57) 2,4-Dinitrotoluene	10.175	165	152315	43.407	ng	98
58) Fluorene	10.551	166	529342	39.388	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	141939	40.644	ng	99
60) Diethylphthalate	10.416	149	532483	39.184	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	268207	40.079	ng	99
62) 4-Nitroaniline	10.551	138	118821	42.379	ng	98
63) Azobenzene	10.698	77	561985	39.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	72865	41.312	ng	97
66) n-Nitrosodiphenylamine	10.657	169	466349	38.553	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	159858	39.049	ng	97
68) Hexachlorobenzene	11.104	284	162131	37.891	ng	99
69) Atrazine	11.180	200	137101	41.112	ng	99
70) Pentachlorophenol	11.292	266	106322	42.253	ng	99
71) Phenanthrene	11.510	178	721419	39.552	ng	99
72) Anthracene	11.563	178	739139	39.733	ng	100
73) Carbazole	11.710	167	654287	40.280	ng	99
74) Di-n-butylphthalate	12.045	149	761405	41.427	ng	99
75) Fluoranthene	12.698	202	700542	41.844	ng	99
77) Benzidine	12.816	184	345158	39.813	ng	98
78) Pyrene	12.927	202	694738	36.176	ng	100
80) Butylbenzylphthalate	13.539	149	273396	46.491	ng	100
81) Benzo(a)anthracene	14.116	228	577684	38.346	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	213772	42.575	ng	99
83) Chrysene	14.151	228	544414	40.193	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	393938	44.258	ng	99
85) Di-n-octyl phthalate	14.715	149	709014	43.945	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	677875	37.481	ng	99
88) Benzo(b)fluoranthene	15.186	252	626330	39.973	ng	99
89) Benzo(k)fluoranthene	15.221	252	538347	38.503	ng	99
90) Benzo(a)pyrene	15.568	252	573999	39.760	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	549063	37.299	ng	99
92) Benzo(g,h,i)perylene	17.645	276	526414	36.968	ng	100

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

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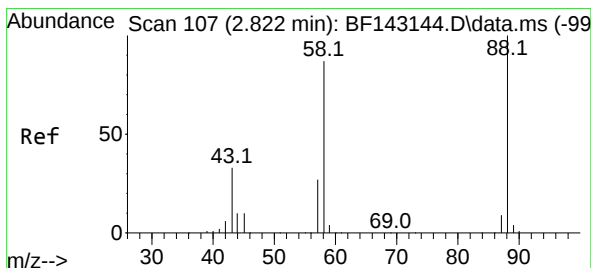
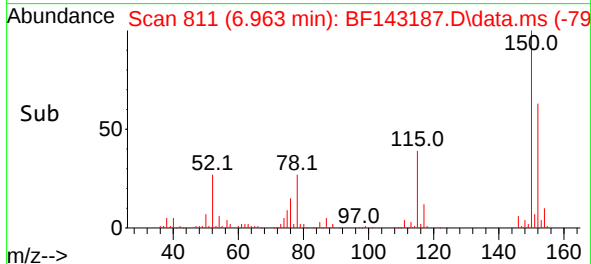
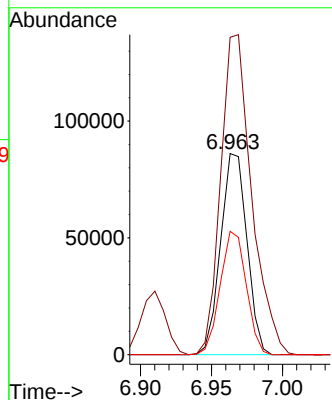
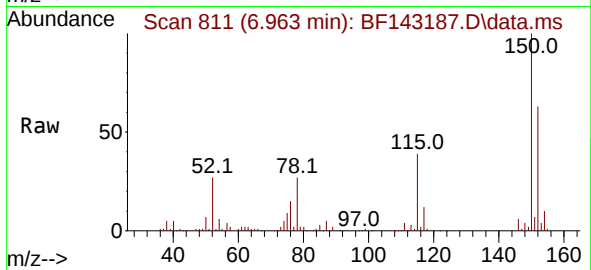




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

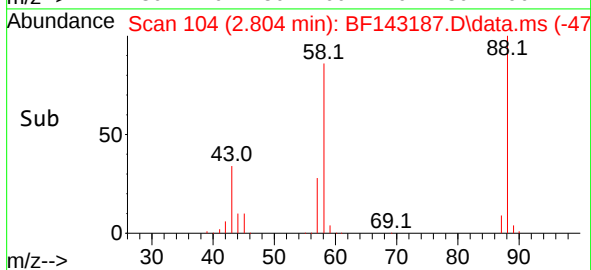
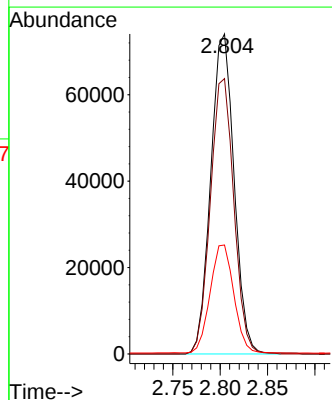
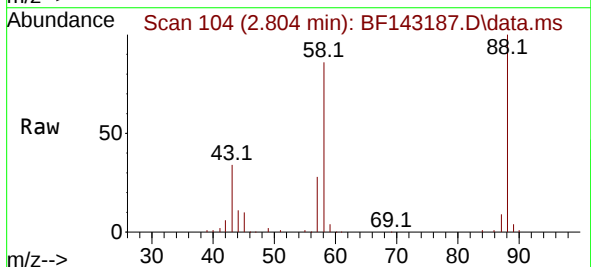
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SSTDCCC040EC

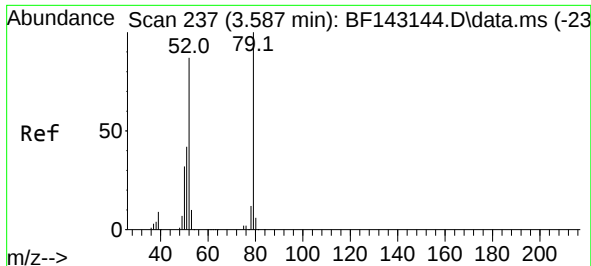
Tgt Ion:152 Resp: 111012
Ion Ratio Lower Upper
152 100
150 157.9 128.2 192.4
115 61.3 47.9 71.9



#2
1,4-Dioxane
Concen: 38.305 ng
RT: 2.804 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 88 Resp: 127151
Ion Ratio Lower Upper
88 100
58 86.4 70.2 105.2
43 34.3 27.1 40.7





#3

Pyridine

Concen: 38.307 ng

RT: 3.581 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

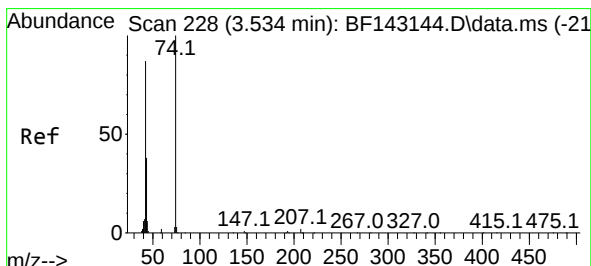
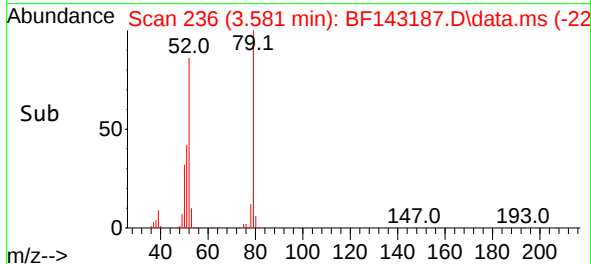
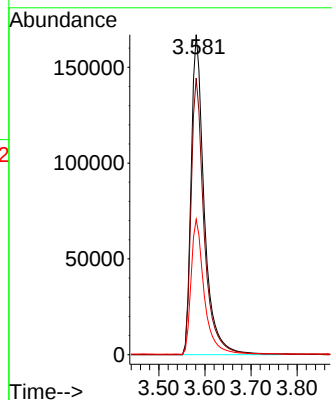
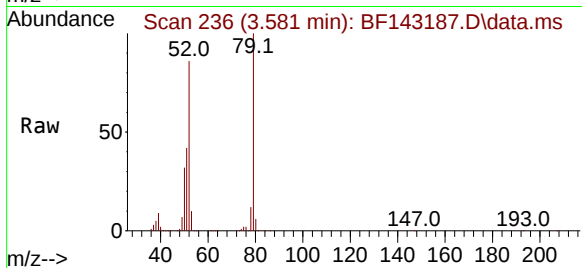
Tgt Ion: 79 Resp: 330042

Ion Ratio Lower Upper

79 100

52 86.4 69.4 104.2

51 42.3 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 38.581 ng

RT: 3.516 min Scan# 225

Delta R.T. -0.018 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

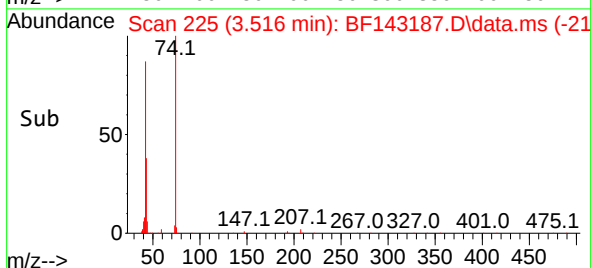
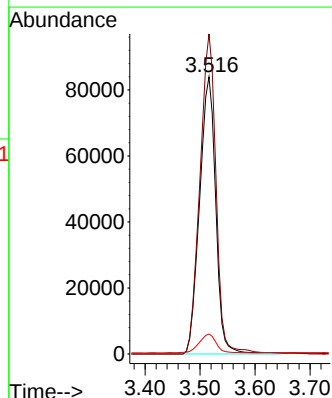
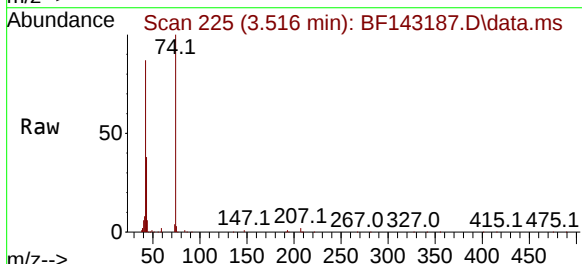
Tgt Ion: 42 Resp: 171619

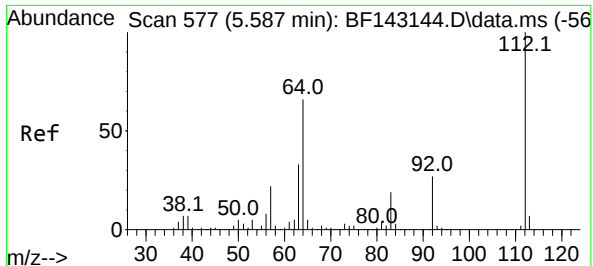
Ion Ratio Lower Upper

42 100

74 115.5 91.7 137.5

44 7.2 5.6 8.4

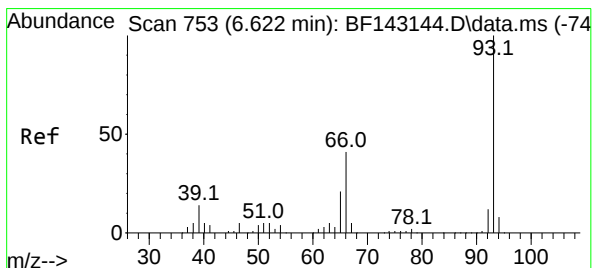
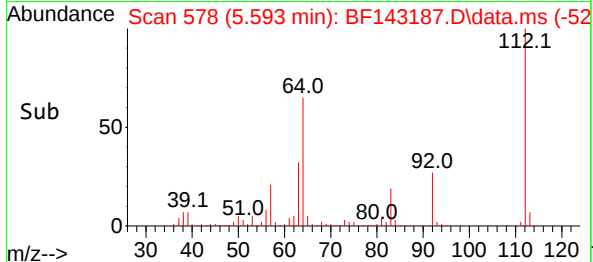
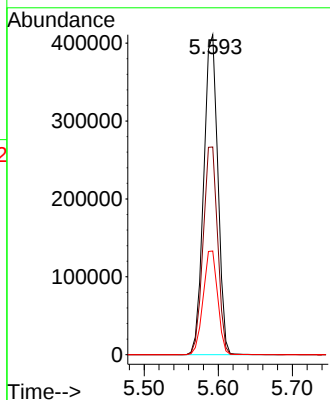
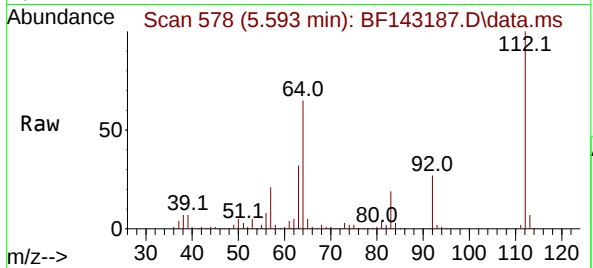




#5
2-Fluorophenol
Concen: 77.753 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

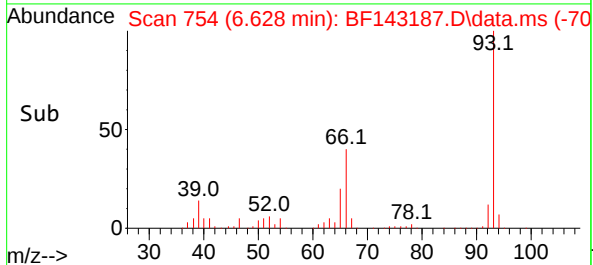
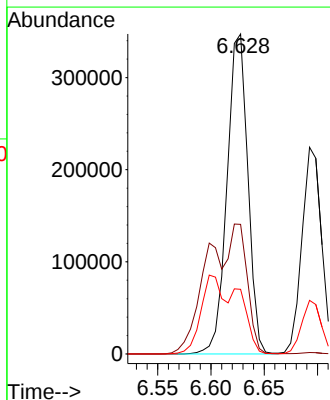
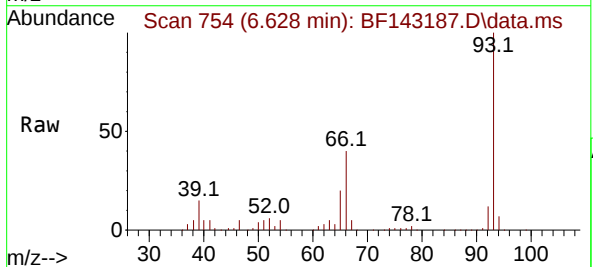
Instrument :
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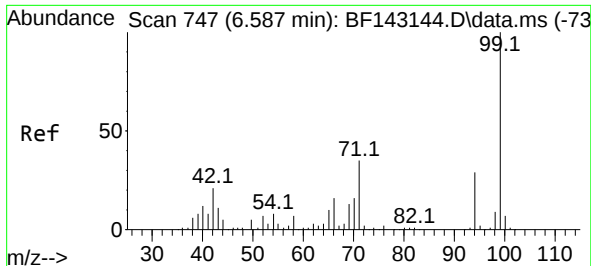
Tgt Ion:112 Resp: 545451
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 32.4 26.6 40.0



#6
Aniline
Concen: 38.416 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 472751
Ion Ratio Lower Upper
93 100
66 40.5 33.2 49.8
65 20.2 16.9 25.3

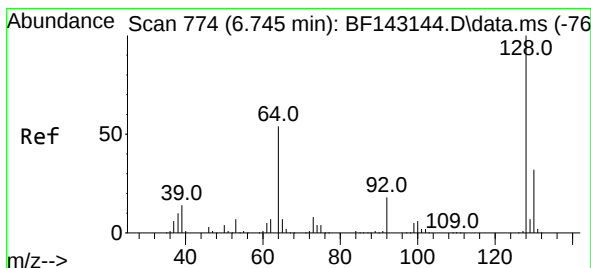
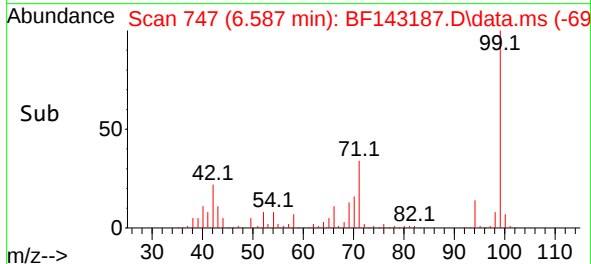
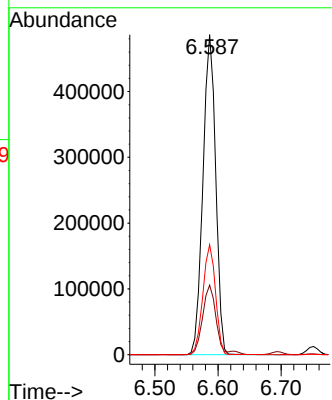
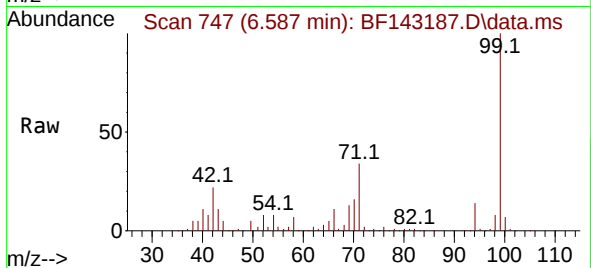




#7
Phenol-d6
Concen: 77.413 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

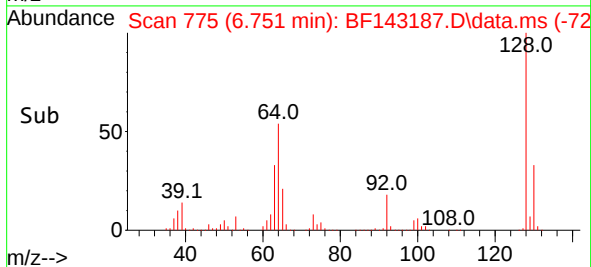
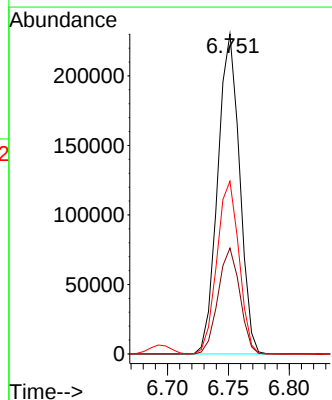
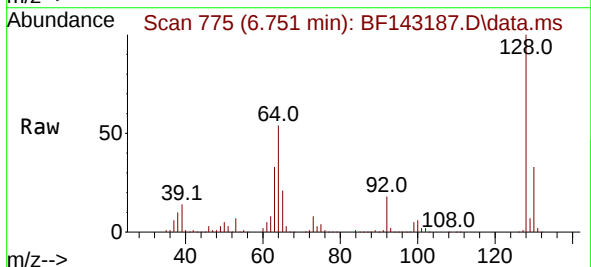
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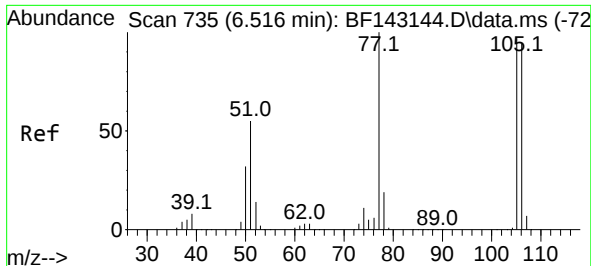
Tgt Ion: 99 Resp: 683542
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 34.3 27.7 41.5



#8
2-Chlorophenol
Concen: 39.143 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:128 Resp: 287831
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 54.0 35.9 75.9





#9

Benzaldehyde

Concen: 37.310 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

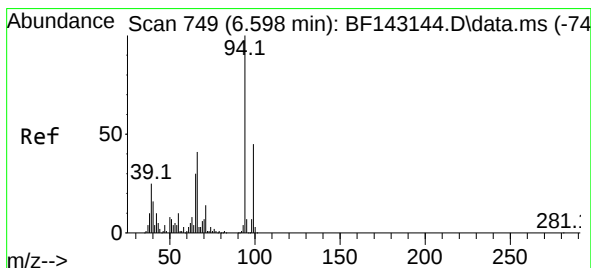
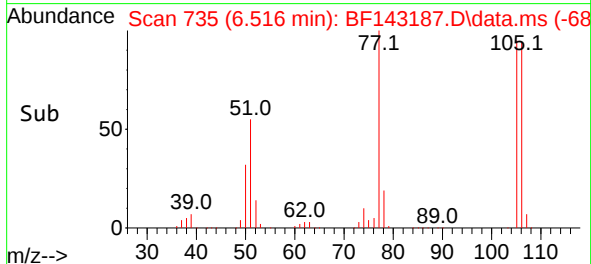
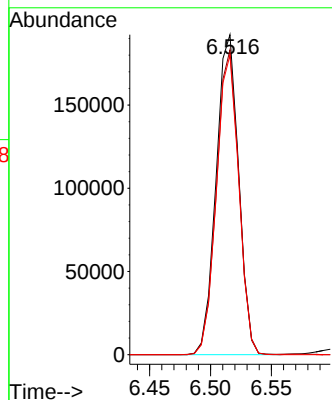
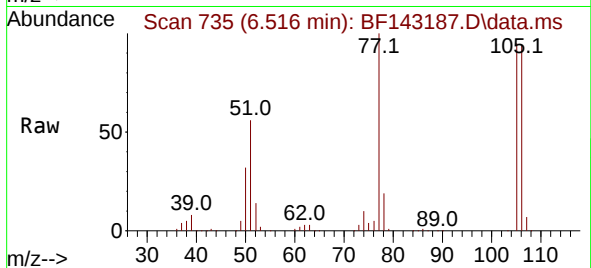
Tgt Ion: 77 Resp: 247030

Ion Ratio Lower Upper

77 100

105 95.3 76.8 116.8

106 93.6 74.4 114.4



#10

Phenol

Concen: 41.254 ng

RT: 6.598 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

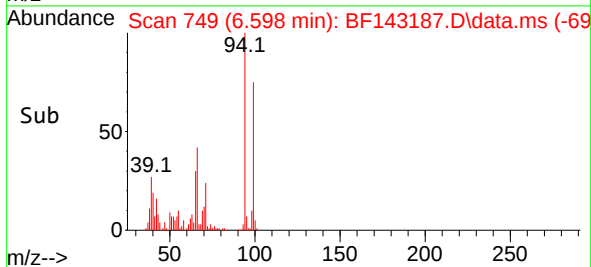
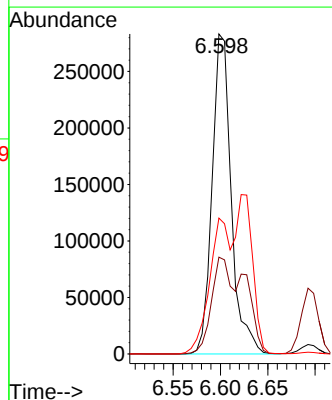
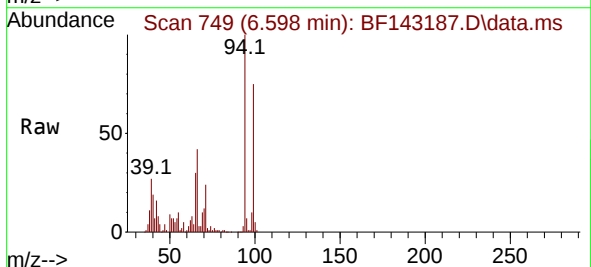
Tgt Ion: 94 Resp: 396833

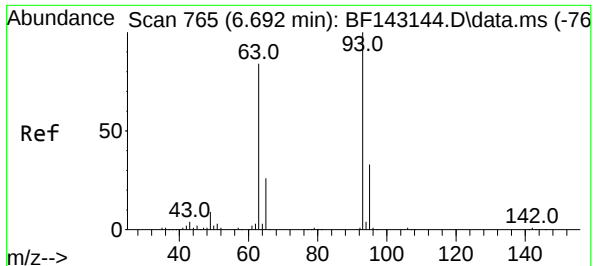
Ion Ratio Lower Upper

94 100

65 30.3 10.0 50.0

66 42.5 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 38.553 ng

RT: 6.692 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

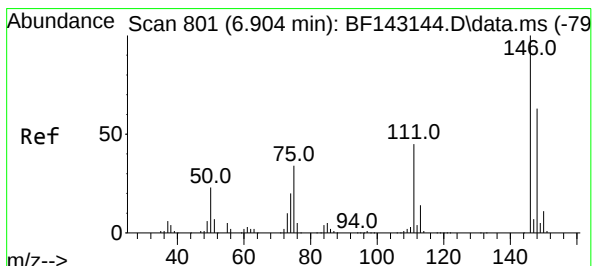
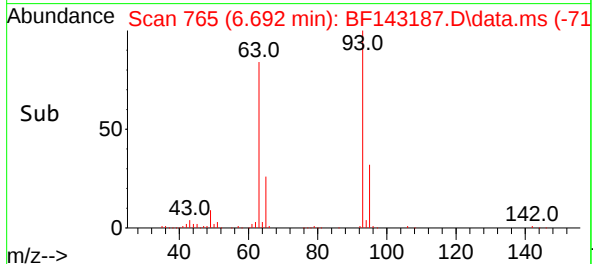
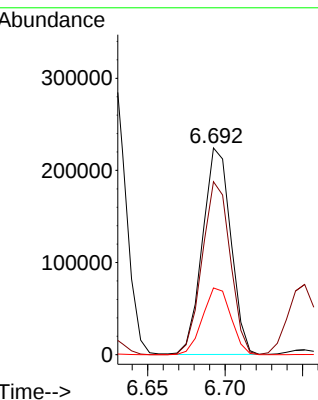
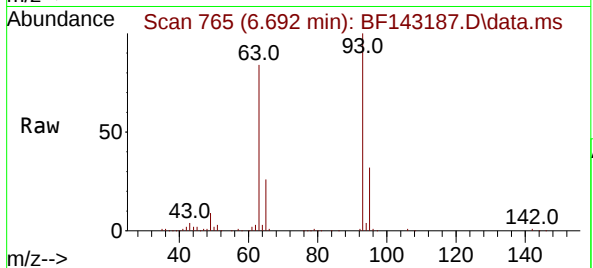
Tgt Ion: 93 Resp: 283947

Ion Ratio Lower Upper

93 100

63 83.7 63.4 103.4

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.411 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

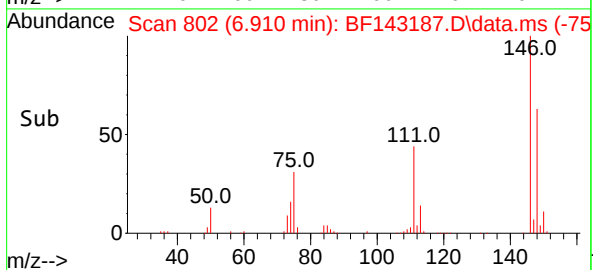
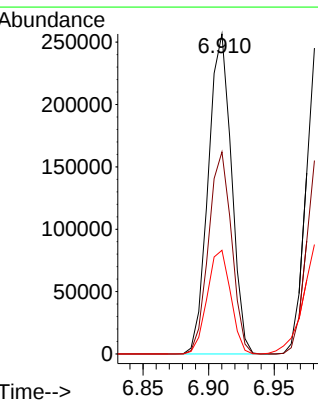
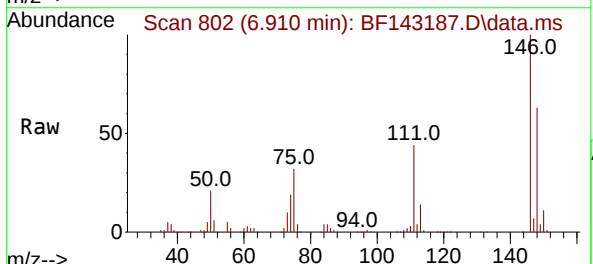
Tgt Ion: 146 Resp: 314817

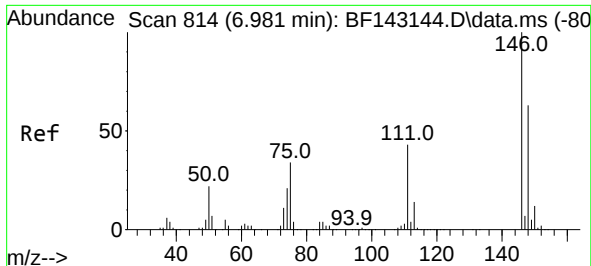
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

75 32.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.163 ng

RT: 6.987 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

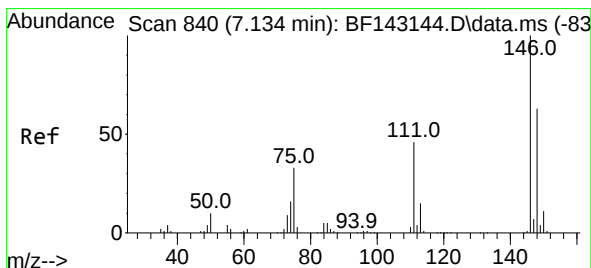
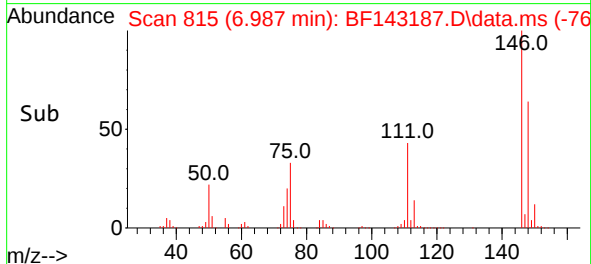
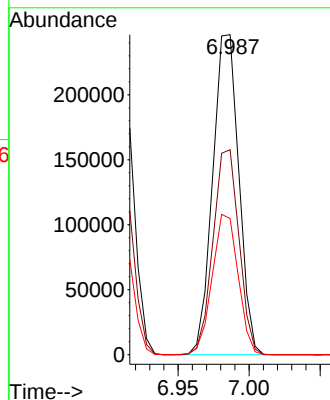
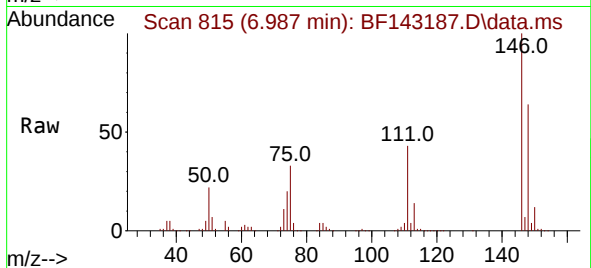
Tgt Ion:146 Resp: 315046

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 42.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.385 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

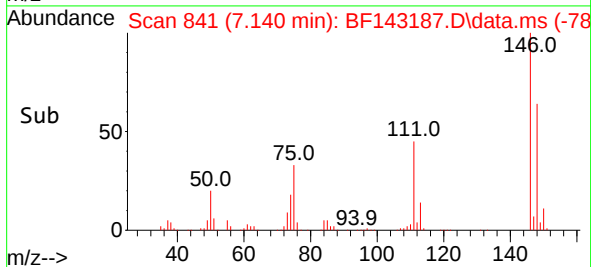
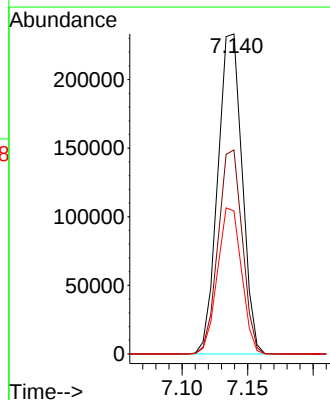
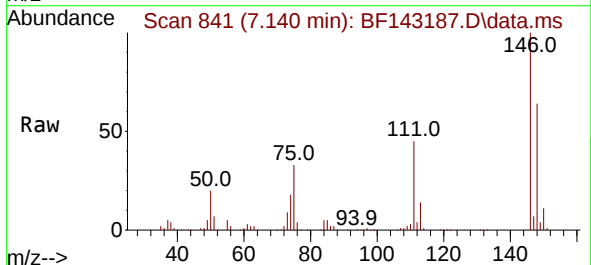
Tgt Ion:146 Resp: 301343

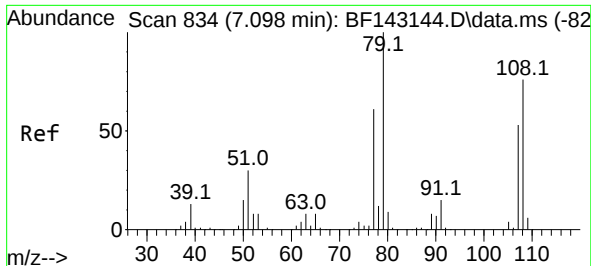
Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

111 44.7 36.6 54.8

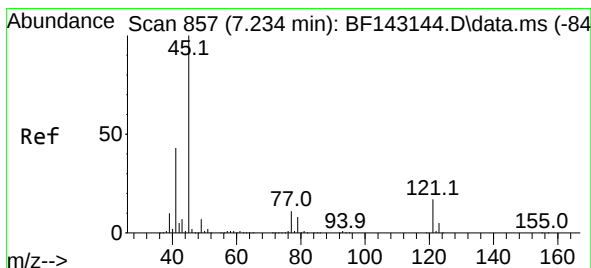
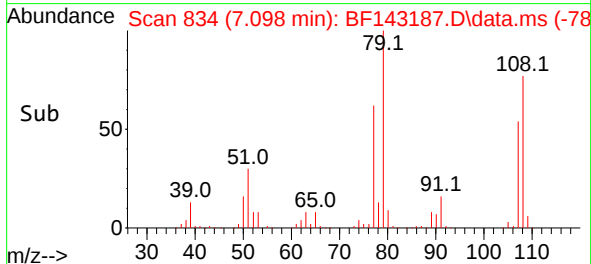
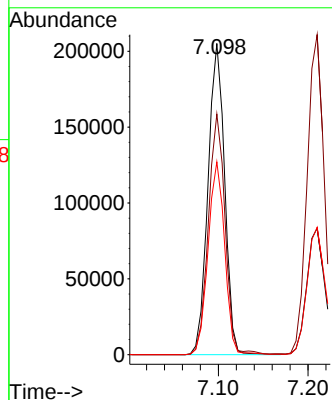
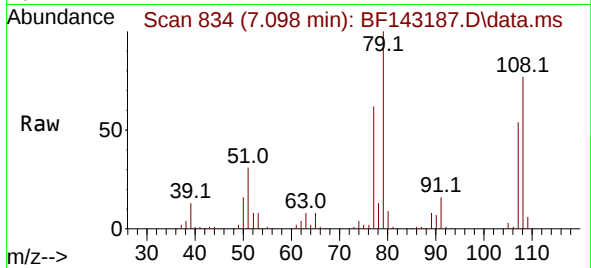




#15
Benzyl Alcohol
Concen: 39.223 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

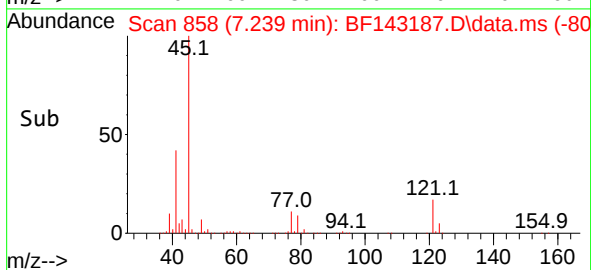
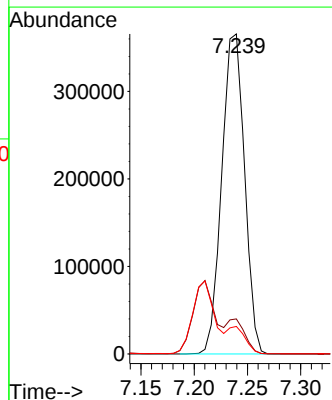
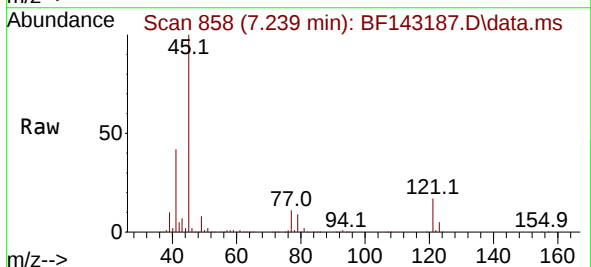
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

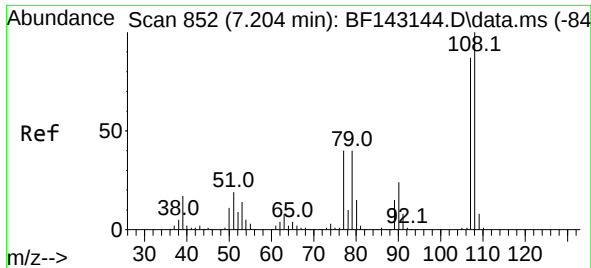
Tgt Ion: 79 Resp: 264441
Ion Ratio Lower Upper
79 100
108 77.3 61.1 91.7
77 62.0 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.713 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

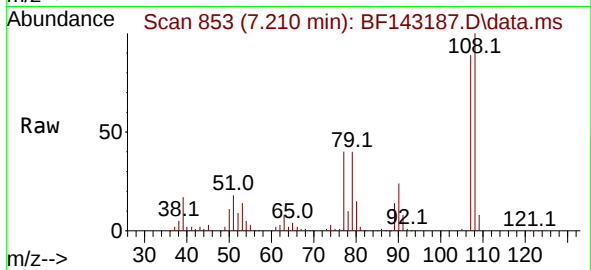
Tgt Ion: 45 Resp: 542587
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.6 0.0 28.5



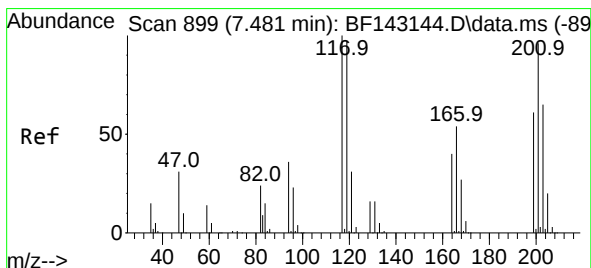
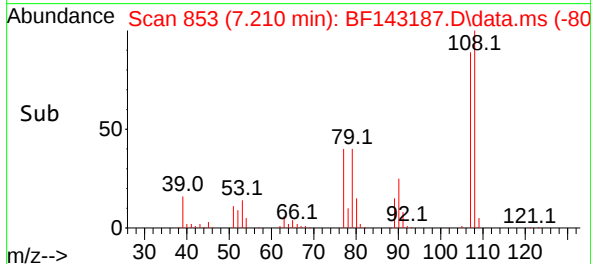
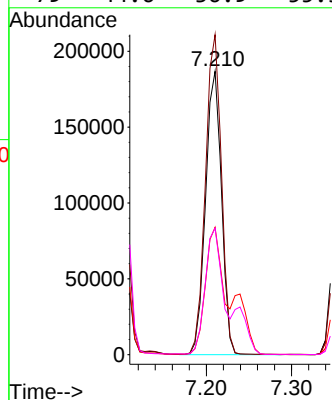


#17
2-Methylphenol
Concen: 39.321 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

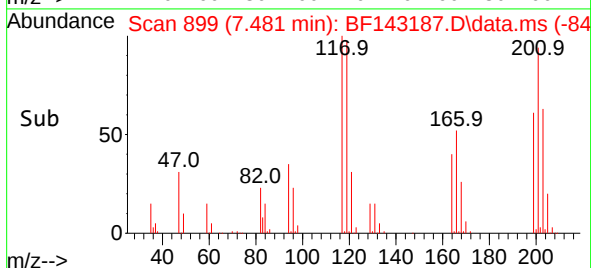
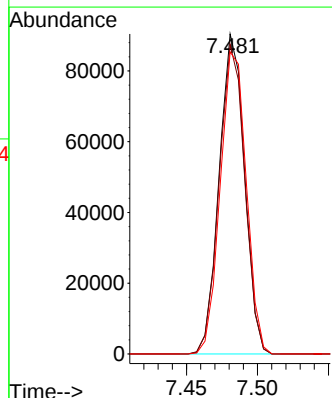
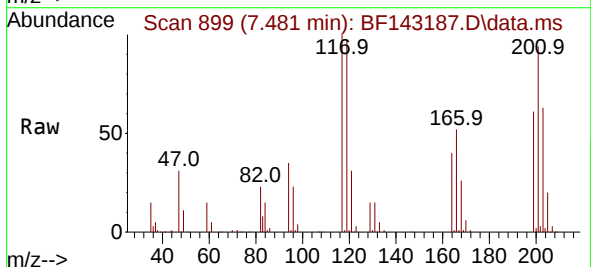


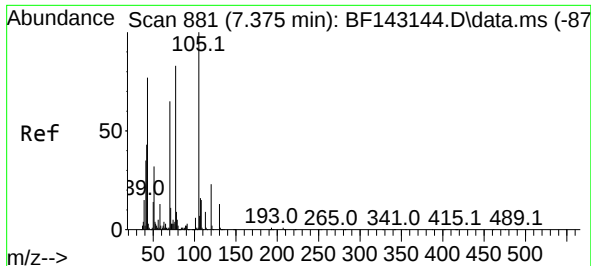
Tgt Ion:	107	Resp:	243112
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.8	137.6
77	45.0	37.0	55.6
79	44.6	36.9	55.3



#18
Hexachloroethane
Concen: 40.297 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

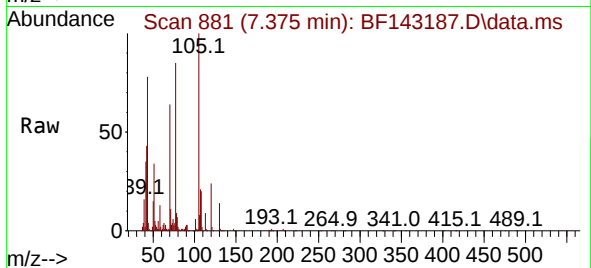
Tgt Ion:	117	Resp:	112222
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.8
201	94.4	77.0	115.4





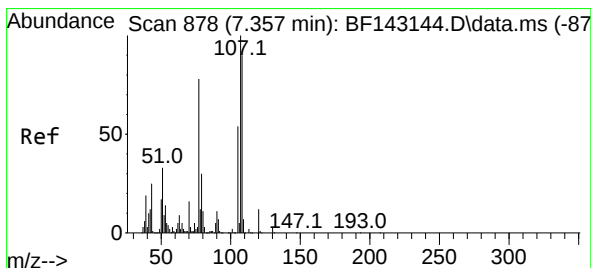
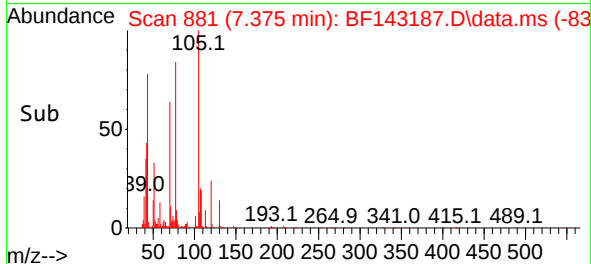
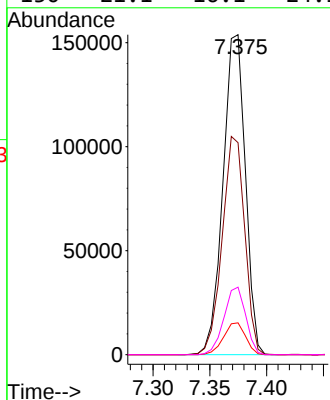
#19
n-Nitroso-di-n-propylamine
Concen: 37.224 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 70 Resp: 210871

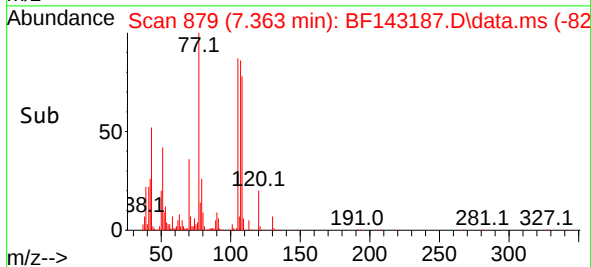
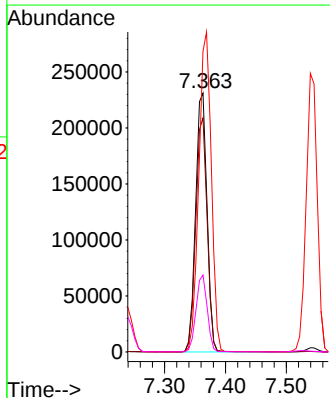
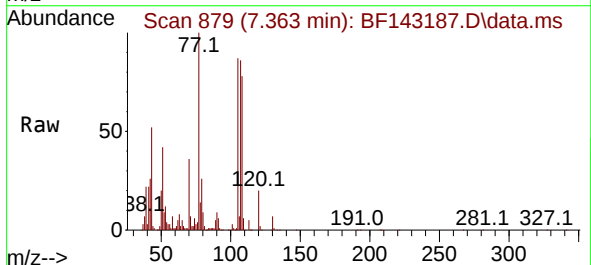
Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.5	78.7
101	10.0	7.6	11.4
130	21.1	16.1	24.1

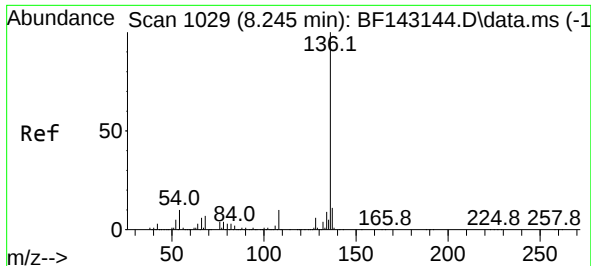


#20
3+4-Methylphenols
Concen: 40.254 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 107 Resp: 301964

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	116.2	57.8	97.8
79	29.7	9.5	49.5

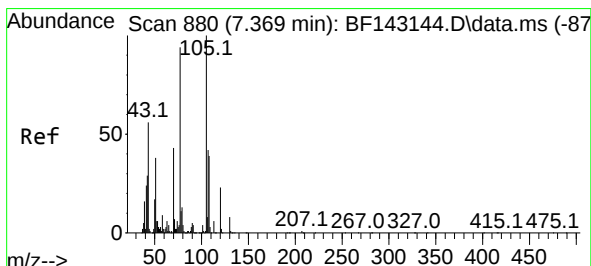
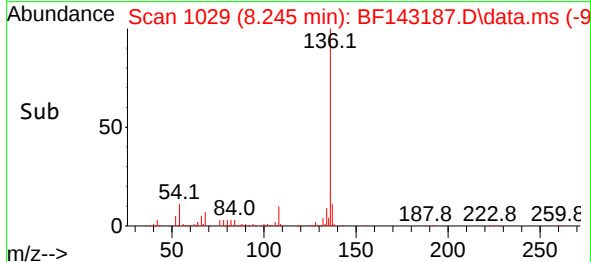
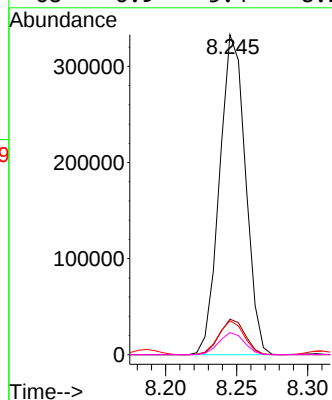
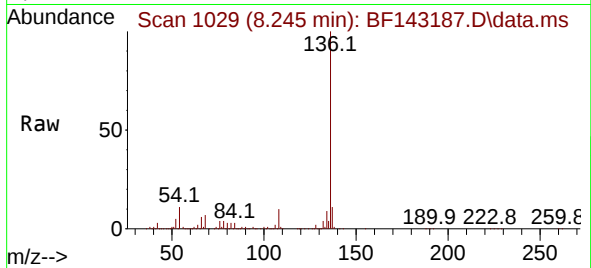




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

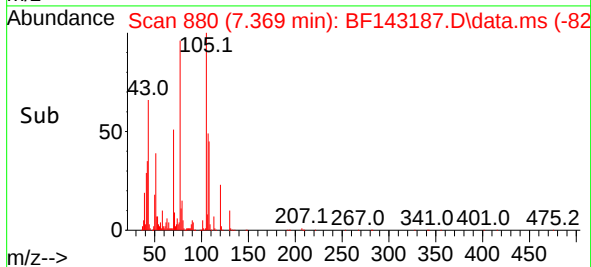
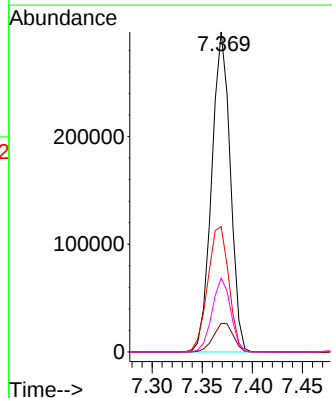
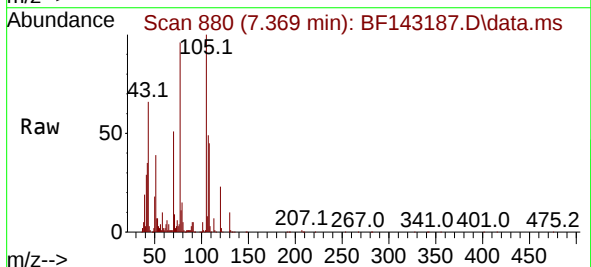
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

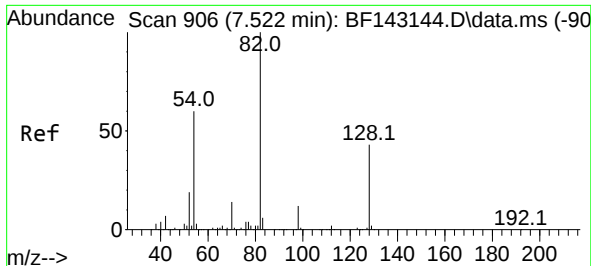
Tgt Ion:	136	Resp:	422094
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.6	8.2	12.2
68	6.9	5.4	8.2



#22
Acetophenone
Concen: 38.442 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:	105	Resp:	384155
Ion Ratio	Lower	Upper	
105	100		
71	8.9	5.8	8.6#
51	39.2	30.2	45.2
120	23.1	18.2	27.4

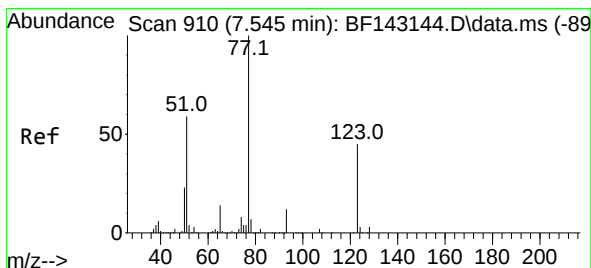
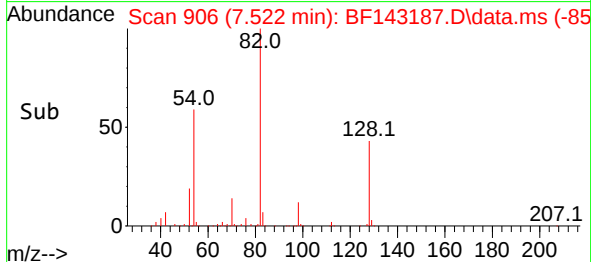
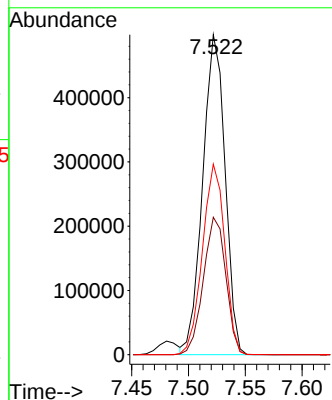
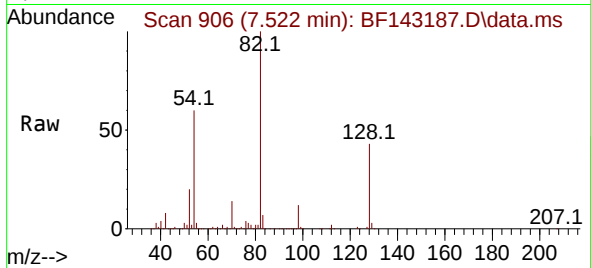




#23
Nitrobenzene-d5
Concen: 80.559 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

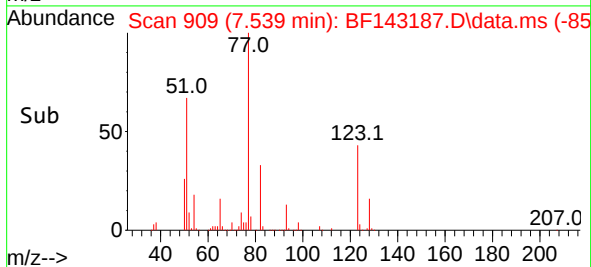
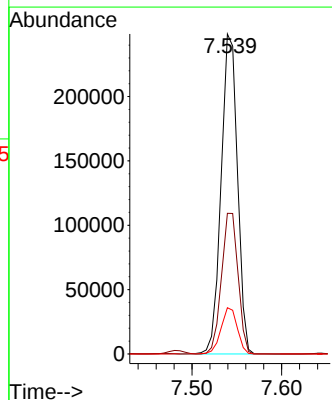
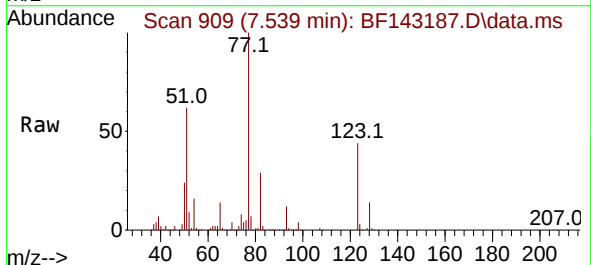
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

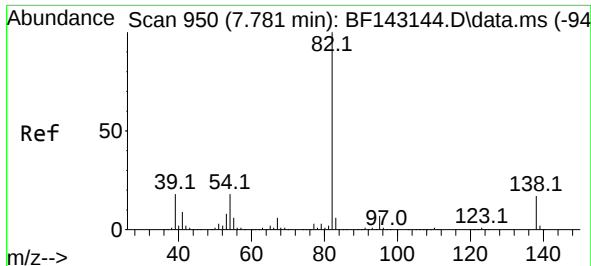
Tgt Ion: 82 Resp: 682159
Ion Ratio Lower Upper
82 100
128 42.9 33.6 50.4
54 59.6 47.1 70.7



#24
Nitrobenzene
Concen: 39.866 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 77 Resp: 314726
Ion Ratio Lower Upper
77 100
123 44.0 36.1 54.1
65 14.4 11.4 17.2

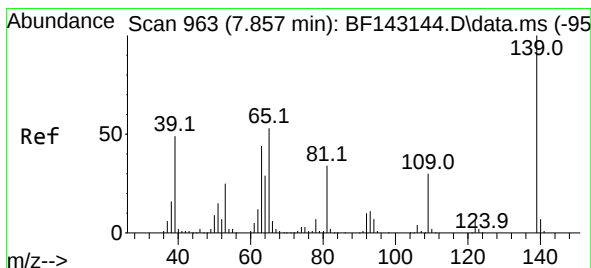
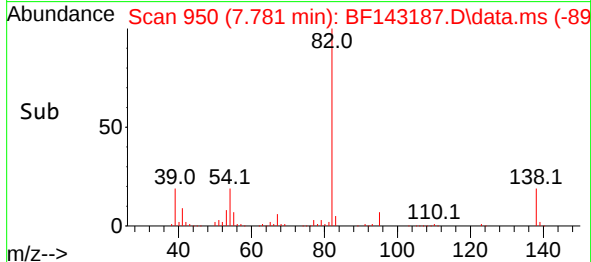
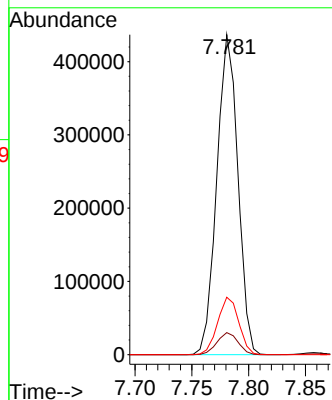
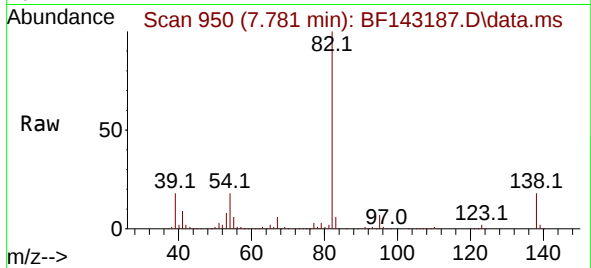




#25
Isophorone
Concen: 37.763 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

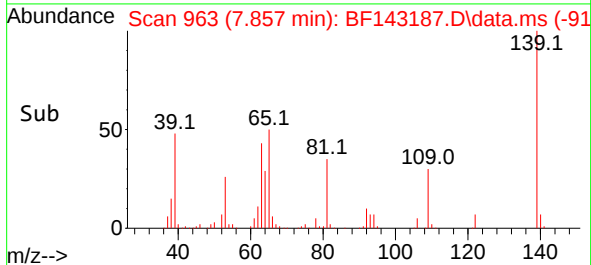
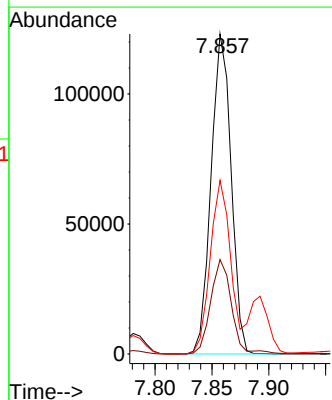
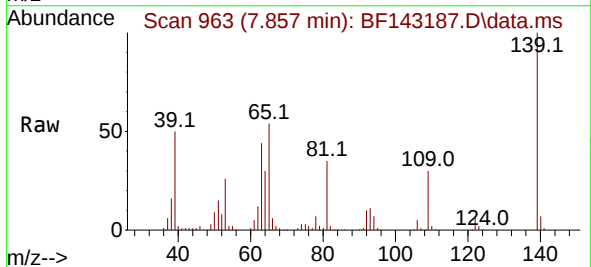
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

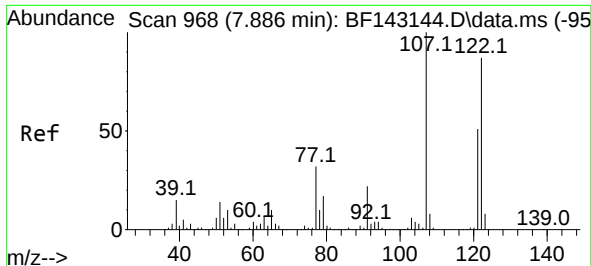
Tgt Ion: 82 Resp: 564494
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 44.078 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 151024
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 54.3 42.6 64.0

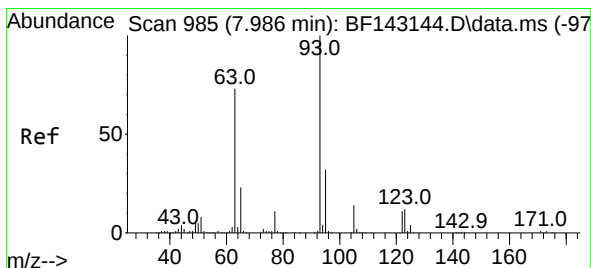
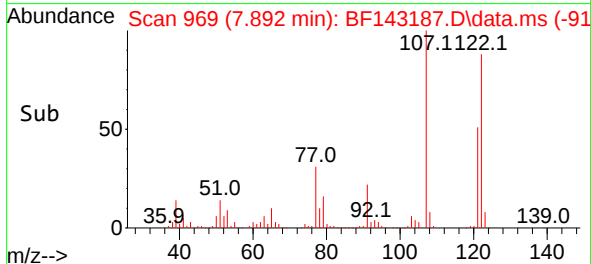
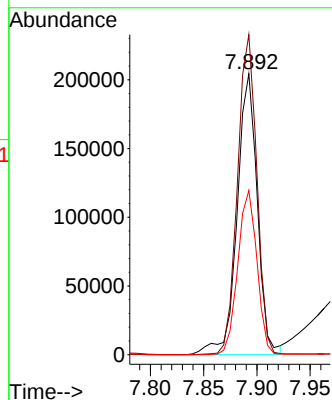
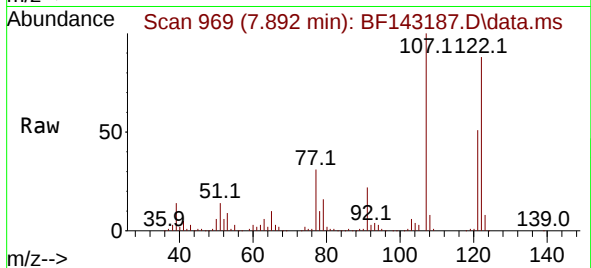




#27
2,4-Dimethylphenol
Concen: 38.679 ng
RT: 7.892 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

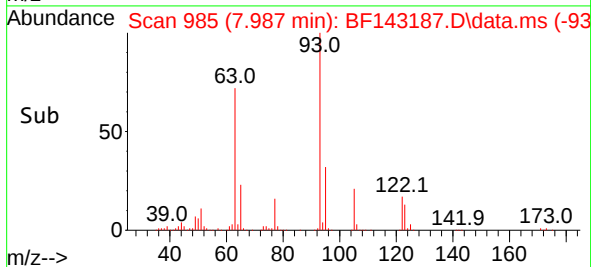
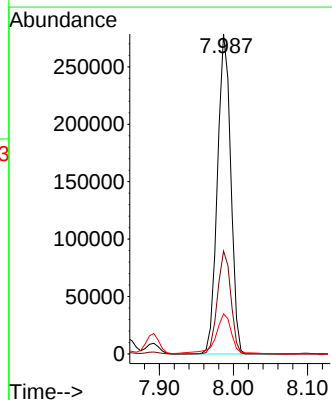
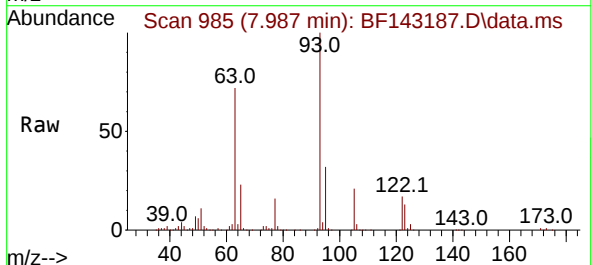
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

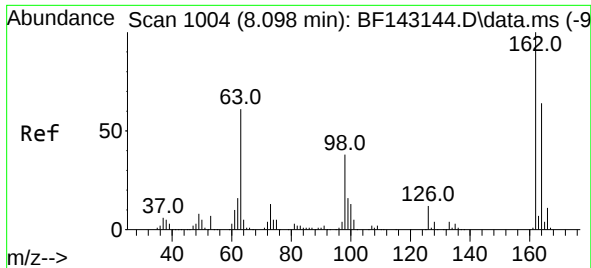
Tgt Ion:122 Resp: 270134
Ion Ratio Lower Upper
122 100
107 113.9 91.8 137.6
121 58.4 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.868 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 348359
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.425 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

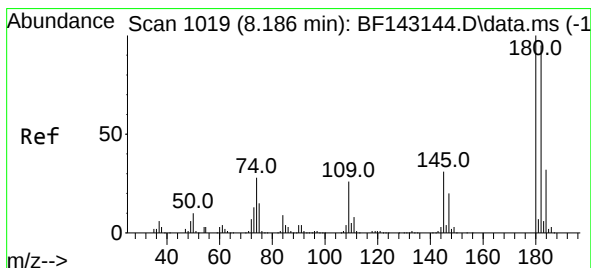
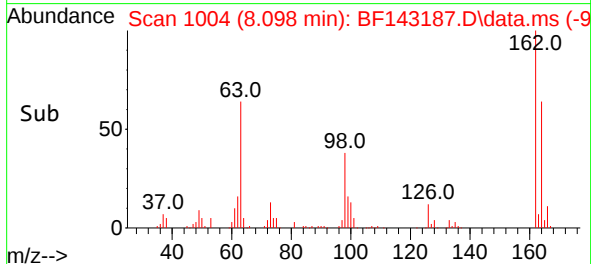
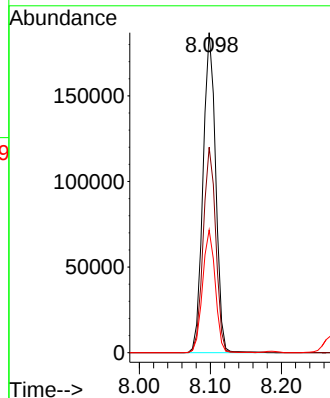
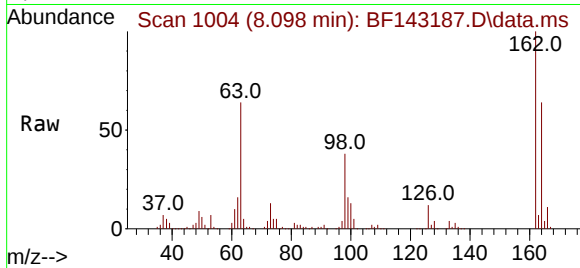
Tgt Ion:162 Resp: 232204

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.329 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

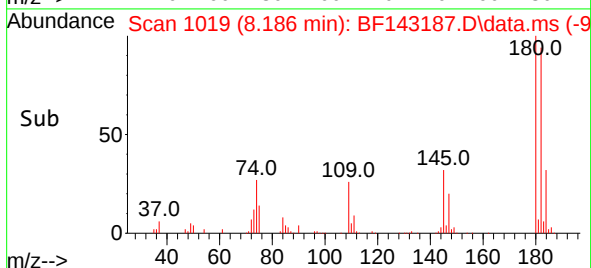
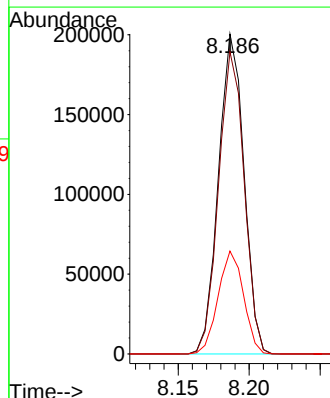
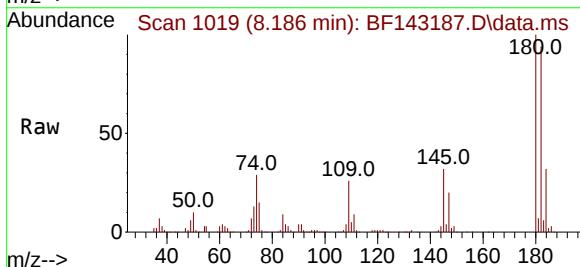
Tgt Ion:180 Resp: 250252

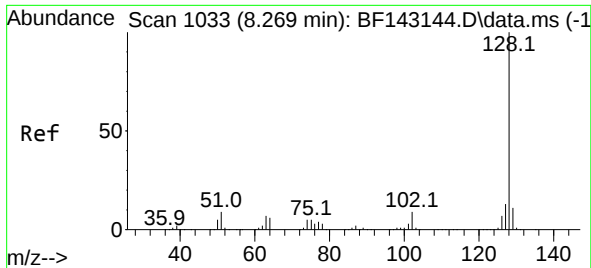
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 32.2 25.0 37.6

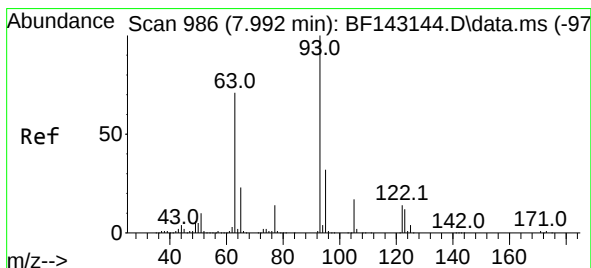
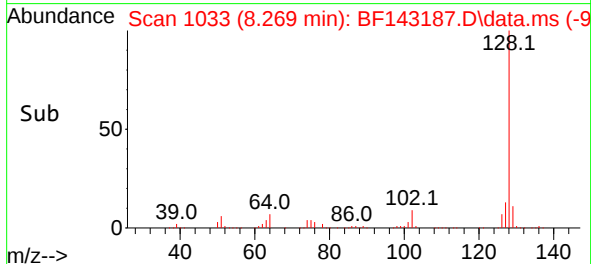
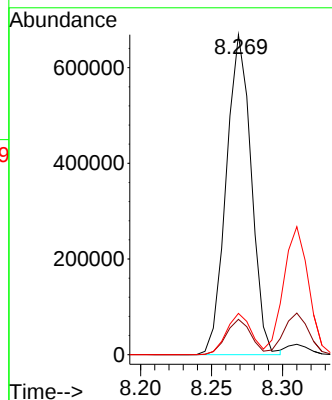
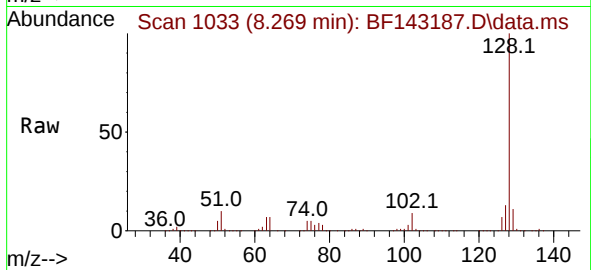




#31
Naphthalene
Concen: 39.398 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

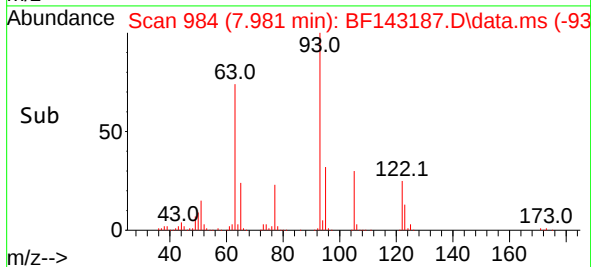
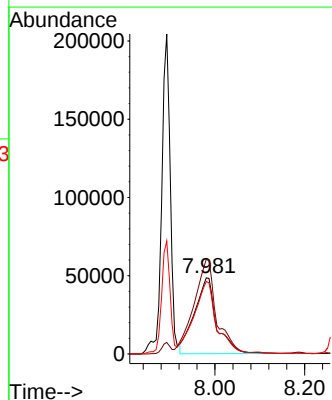
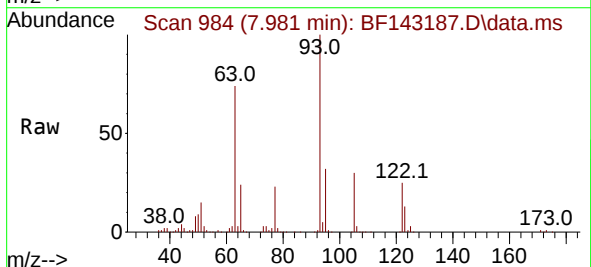
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

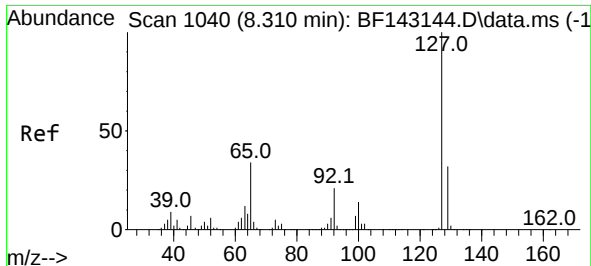
Tgt Ion:128 Resp: 818994
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 43.041 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:122 Resp: 166968
Ion Ratio Lower Upper
122 100
105 124.1 104.8 144.8
77 95.1 77.6 117.6

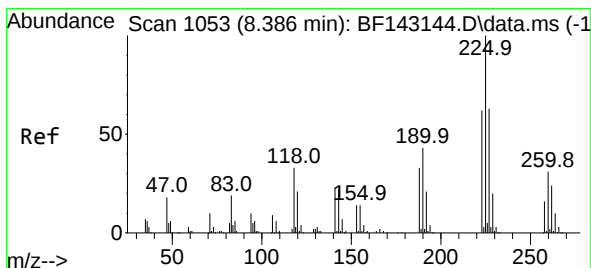
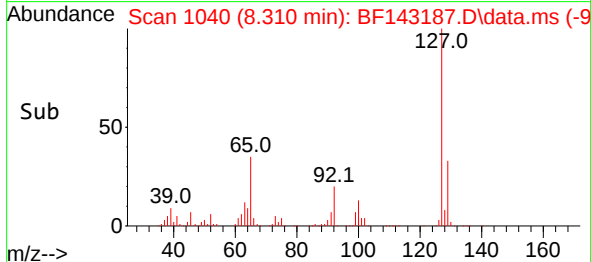
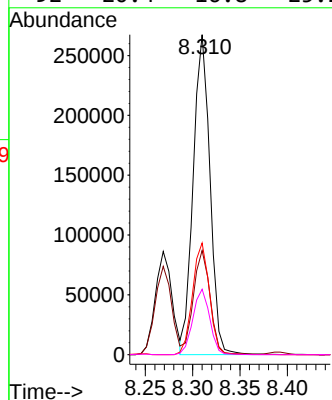
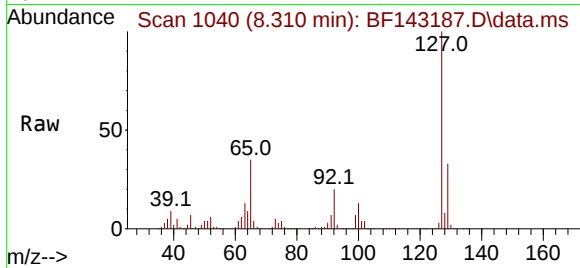




#33
4-Chloroaniline
Concen: 38.830 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

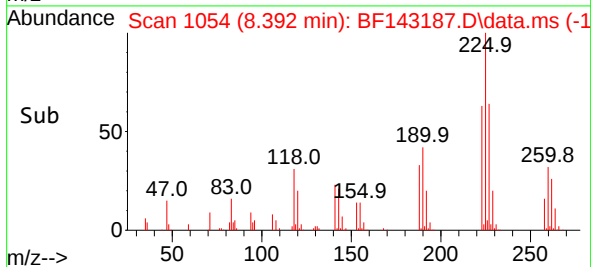
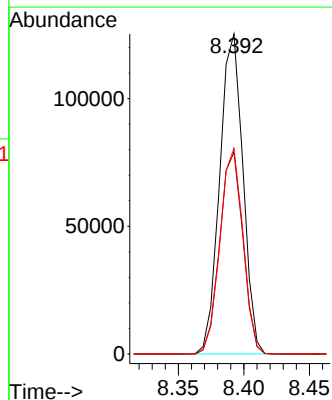
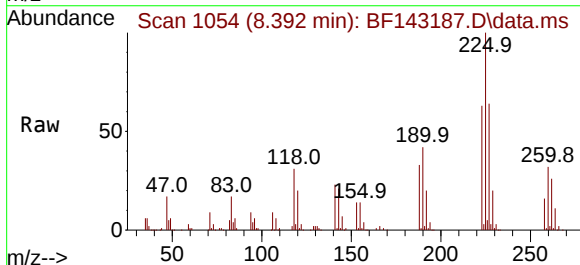
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

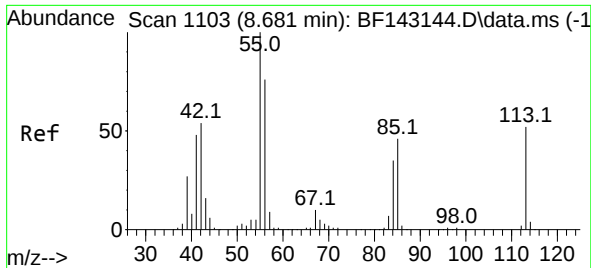
Tgt Ion:	127	Resp:	329590
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	34.9	27.4	41.2
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.691 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:	225	Resp:	154282
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.2	50.2	75.4

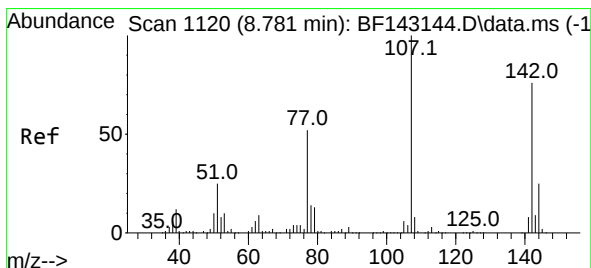
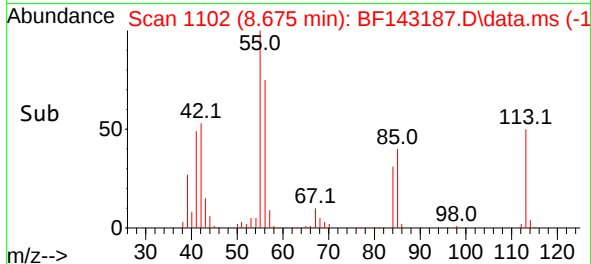
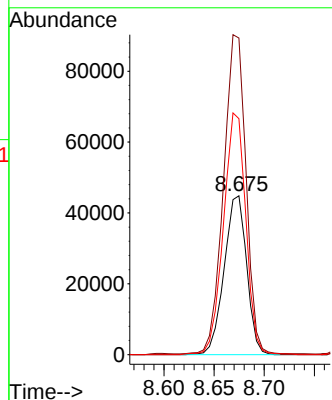
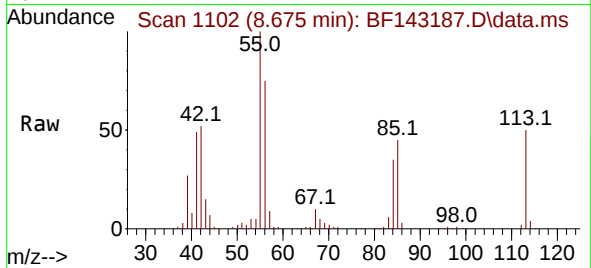




#35
 Caprolactam
 Concen: 39.340 ng
 RT: 8.675 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF143187.D
 Acq: 22 Jul 2025 13:55

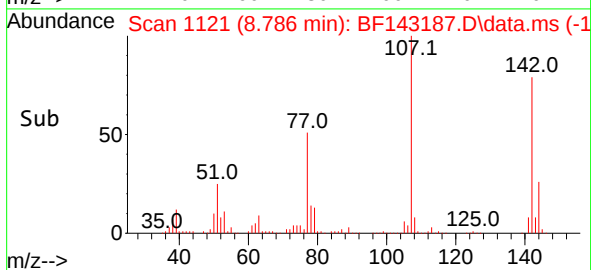
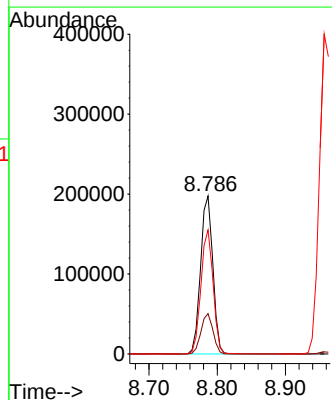
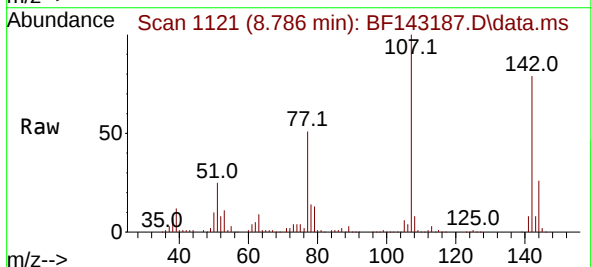
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

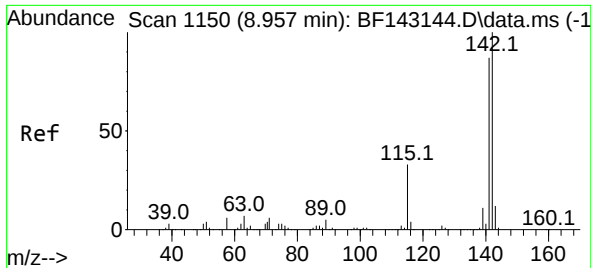
Tgt Ion:113 Resp: 70018
 Ion Ratio Lower Upper
 113 100
 55 199.4 174.0 214.0
 56 148.6 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.680 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143187.D
 Acq: 22 Jul 2025 13:55

Tgt Ion:107 Resp: 247616
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.6
 142 78.5 60.6 90.8

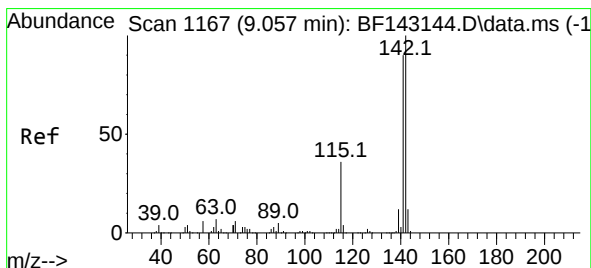
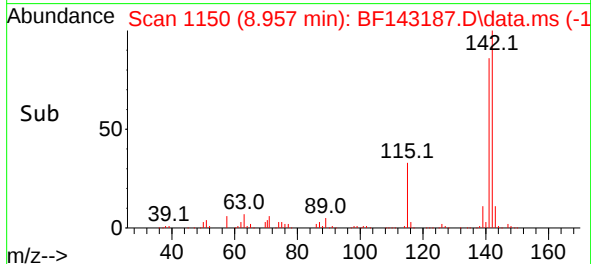
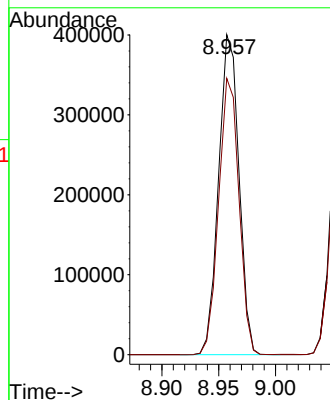
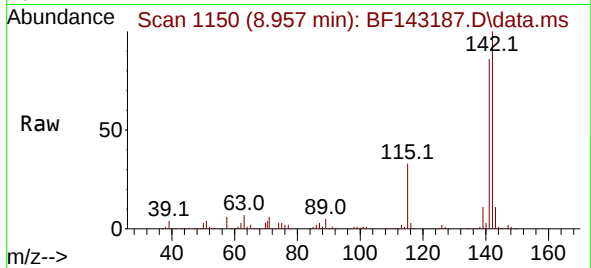




#37
2-Methylnaphthalene
Concen: 39.453 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

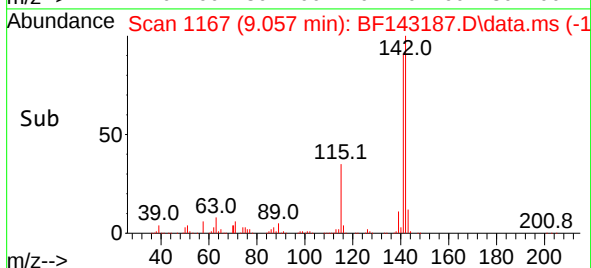
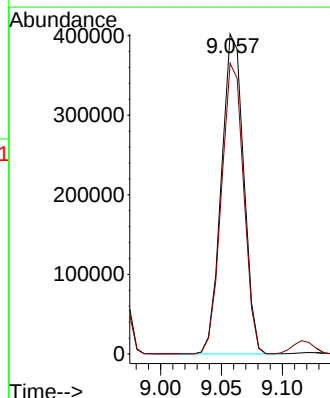
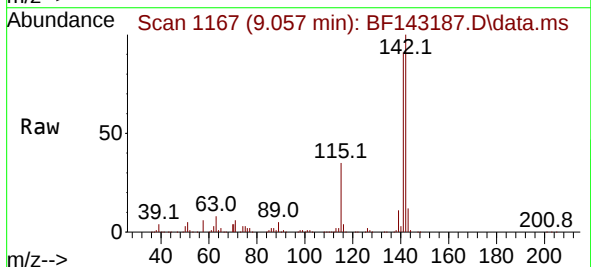
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

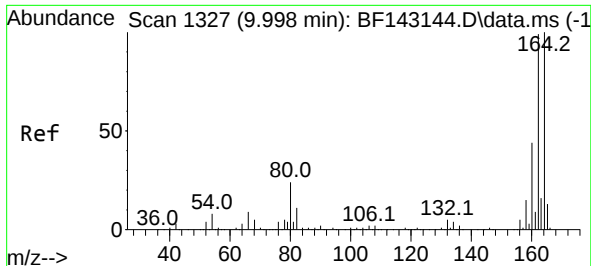
Tgt Ion:142 Resp: 499061
Ion Ratio Lower Upper
142 100
141 86.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.373 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:142 Resp: 512869
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5

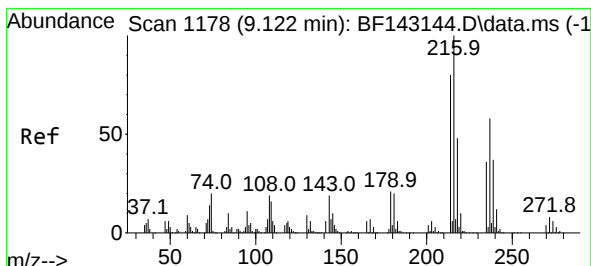
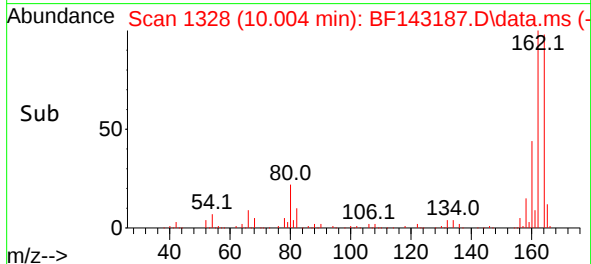
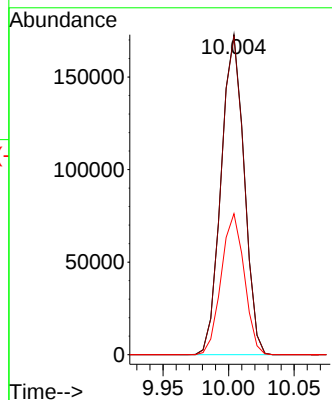
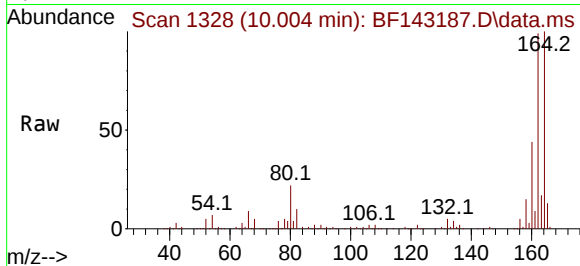




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

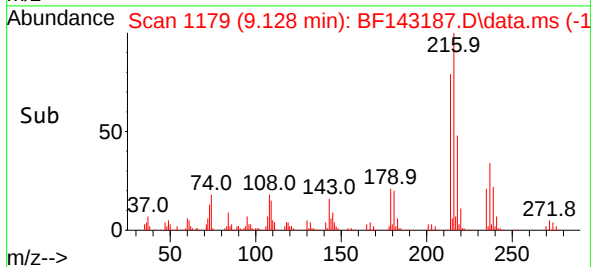
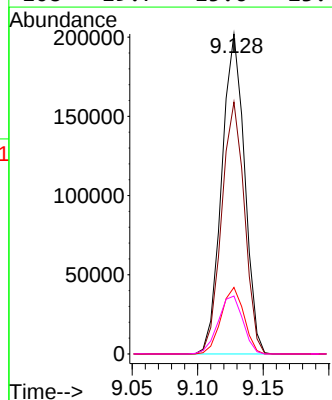
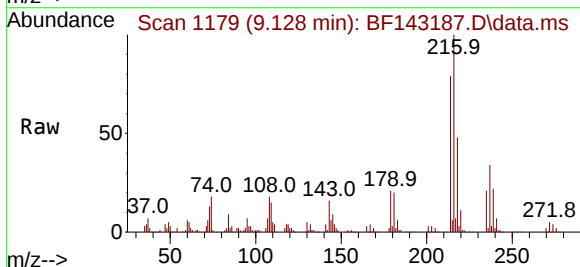
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

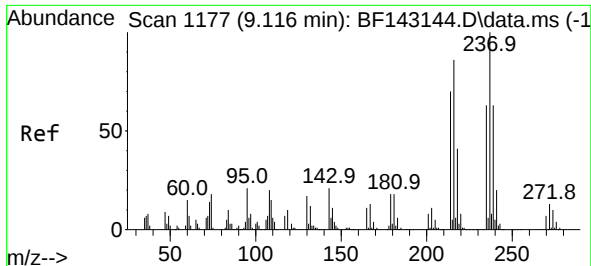
Tgt Ion:164 Resp: 210926
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 44.0 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.183 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:216 Resp: 244698
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 20.8 16.4 24.6
108 19.7 15.6 23.4

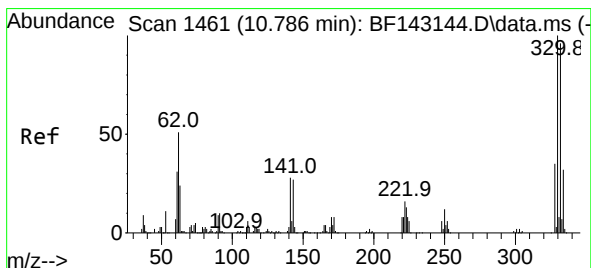
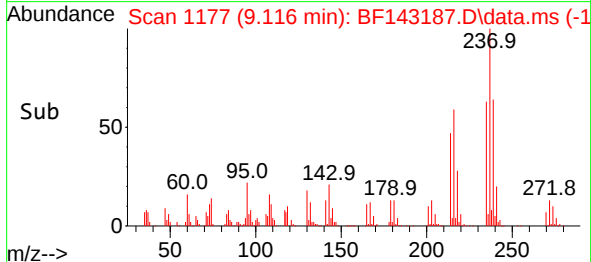
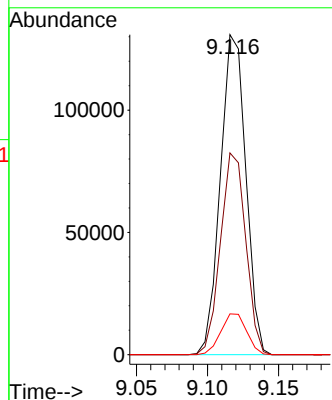
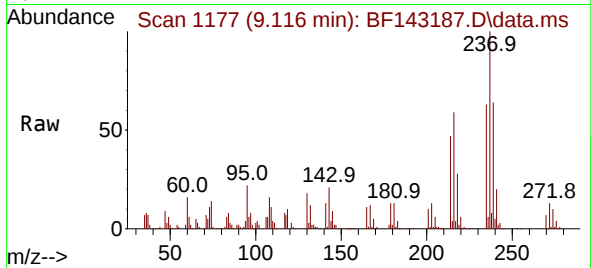




#41
Hexachlorocyclopentadiene
Concen: 41.178 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

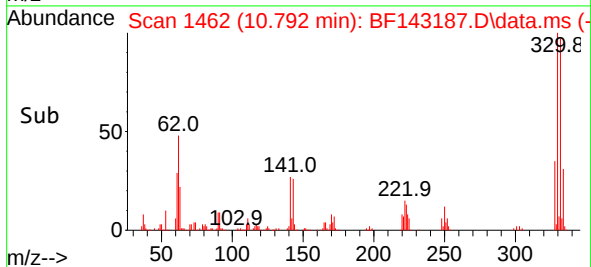
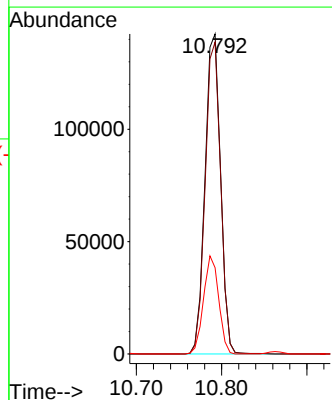
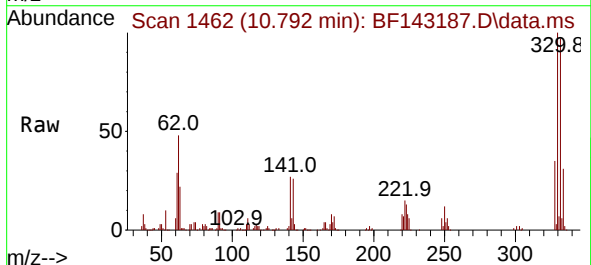
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

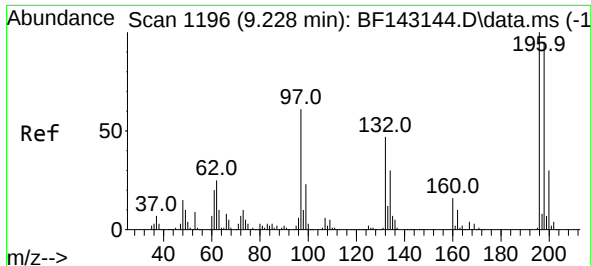
Tgt Ion:237 Resp: 163162
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 82.786 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:330 Resp: 180390
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 29.9 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 39.058 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143187.D

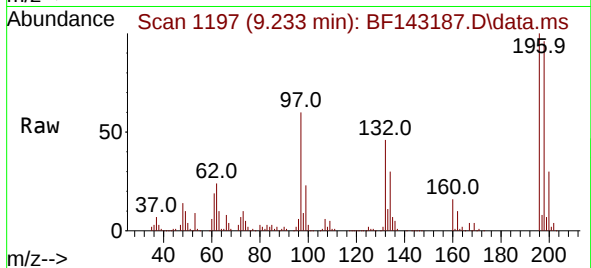
Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



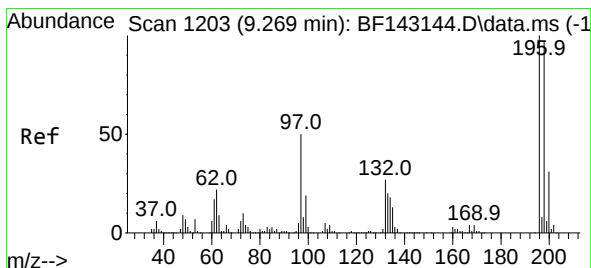
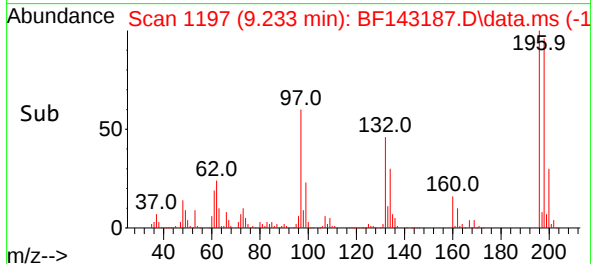
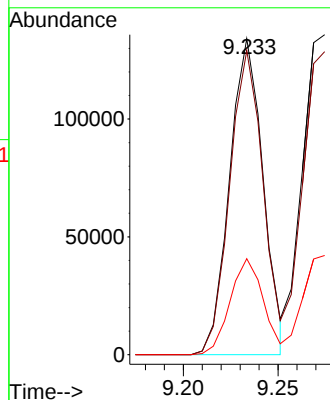
Tgt Ion:196 Resp: 164611

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.2

200 30.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.595 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Tgt Ion:196 Resp: 175359

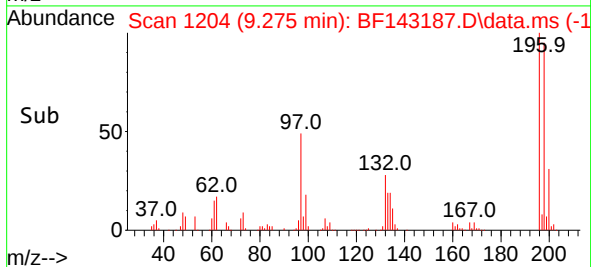
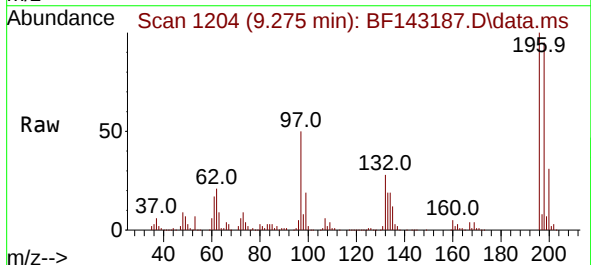
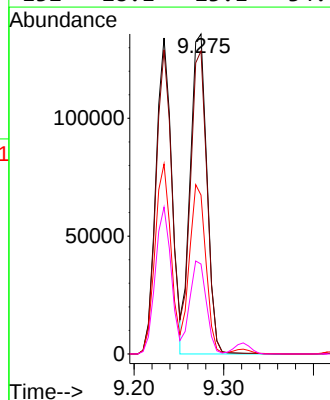
Ion Ratio Lower Upper

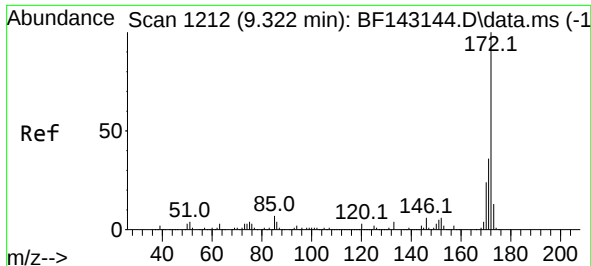
196 100

198 94.7 77.3 115.9

97 49.6 40.3 60.5

132 28.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 79.290 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

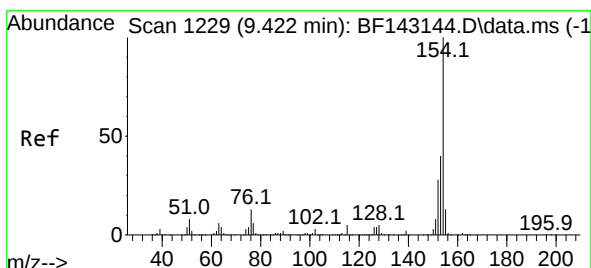
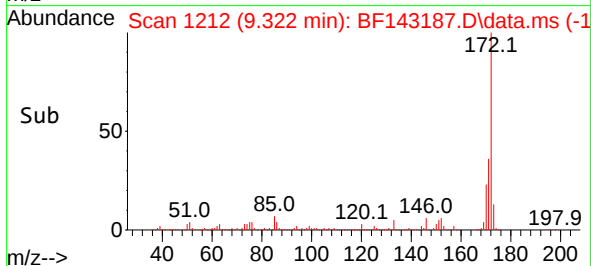
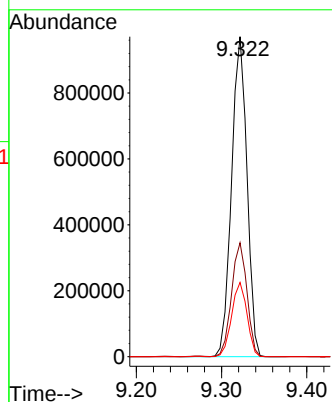
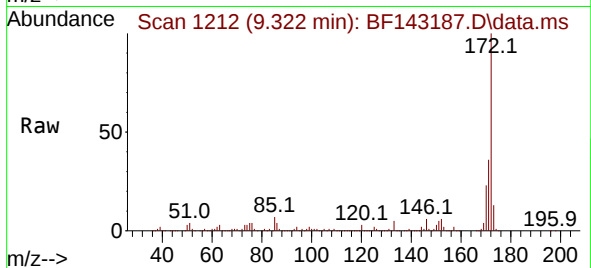
Tgt Ion:172 Resp: 1222876

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.935 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

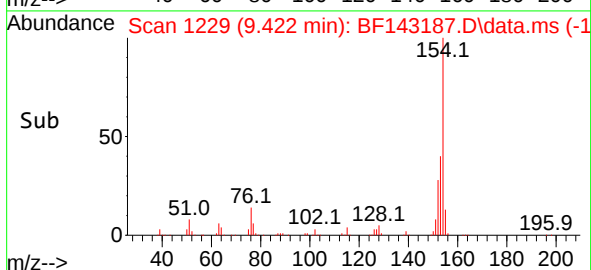
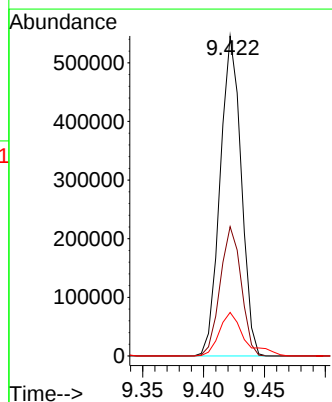
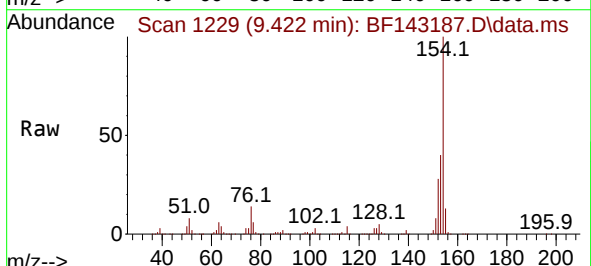
Tgt Ion:154 Resp: 657180

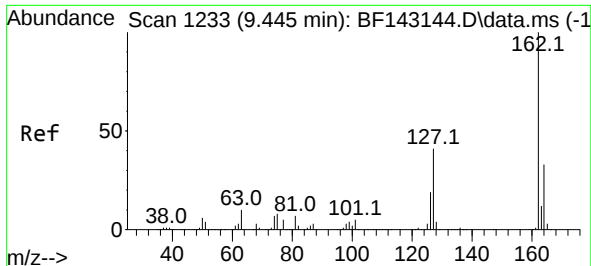
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.583 ng

RT: 9.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

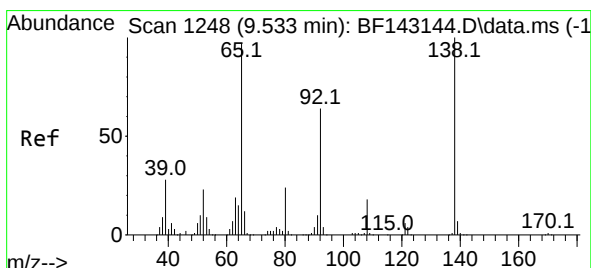
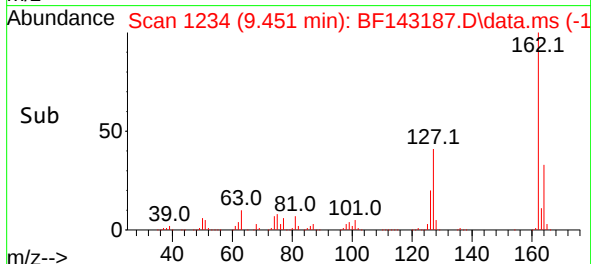
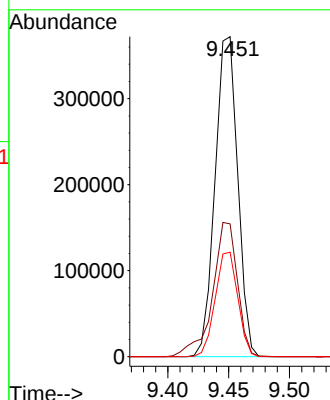
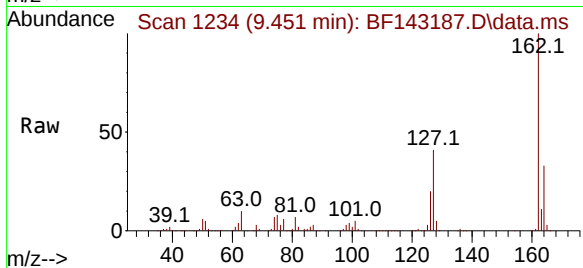
Tgt Ion:162 Resp: 481986

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 42.683 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

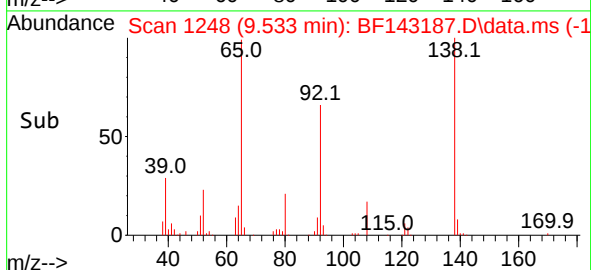
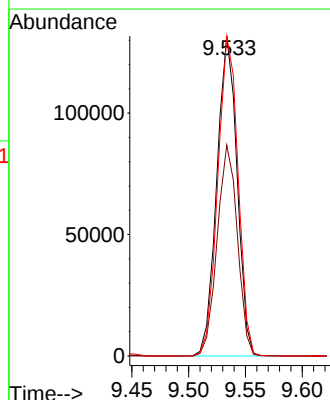
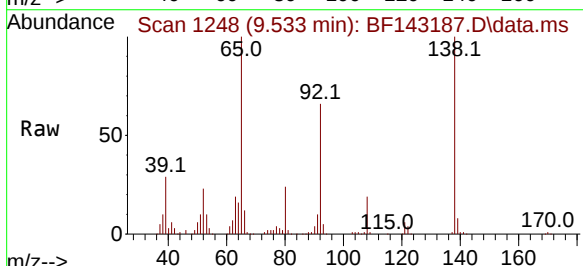
Tgt Ion: 65 Resp: 162985

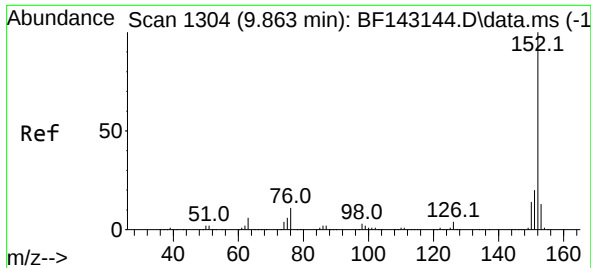
Ion Ratio Lower Upper

65 100

92 65.9 52.4 78.6

138 99.9 82.3 123.5

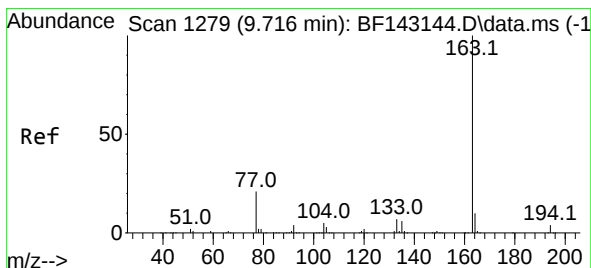
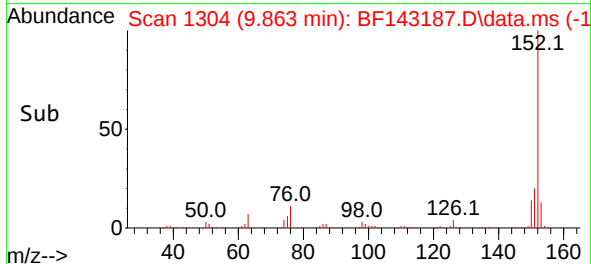
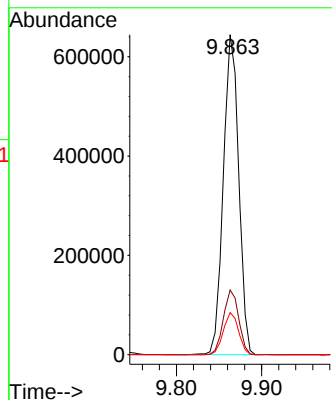
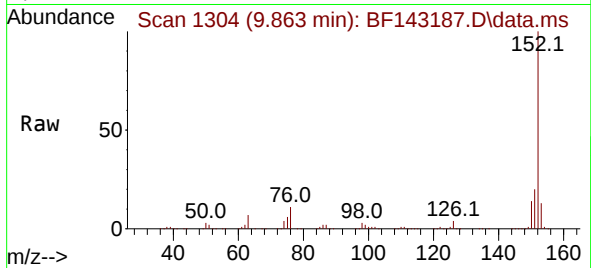




#49
Acenaphthylene
Concen: 39.572 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

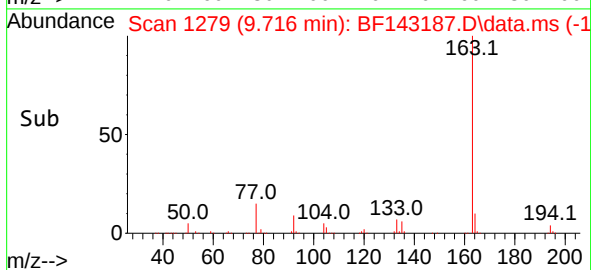
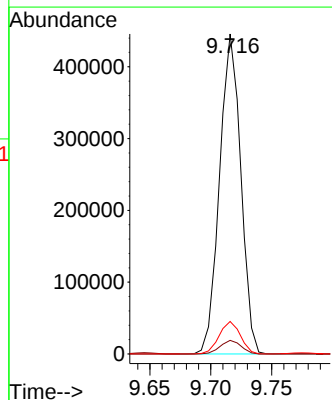
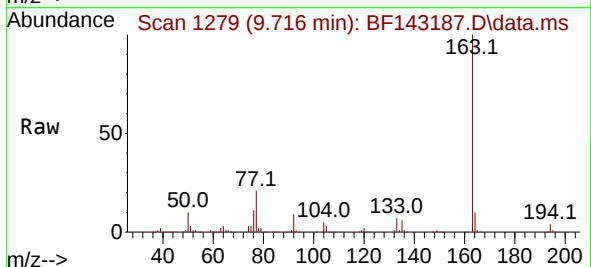
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

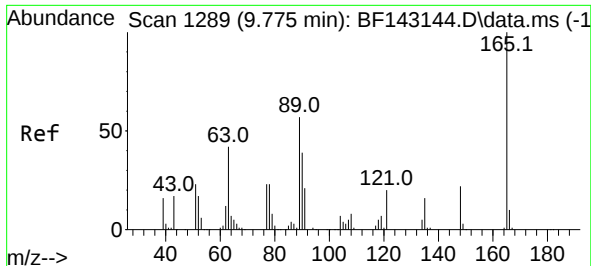
Tgt Ion:152 Resp: 807496
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 39.316 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:163 Resp: 540541
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.3 12.5

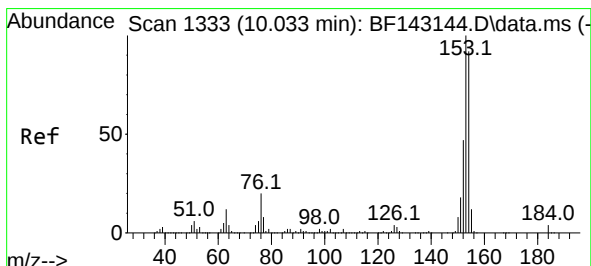
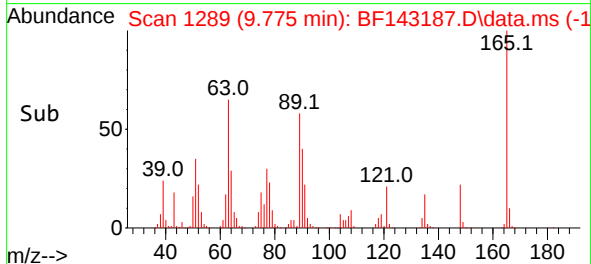
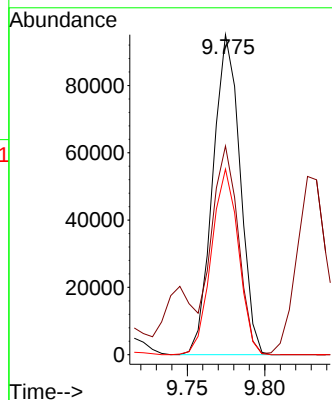
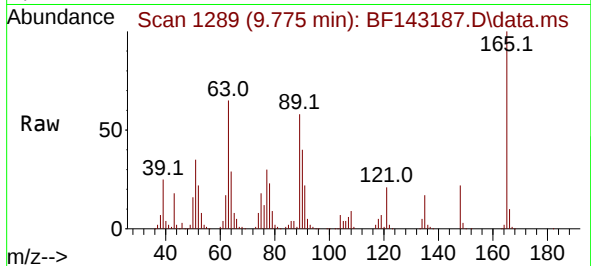




#51
2,6-Dinitrotoluene
Concen: 41.575 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

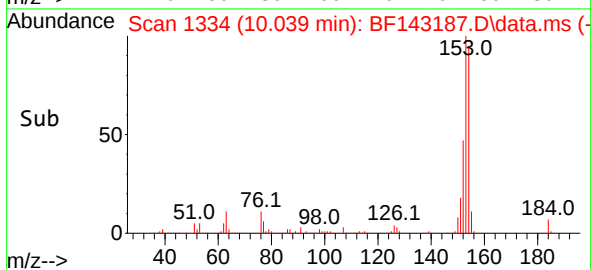
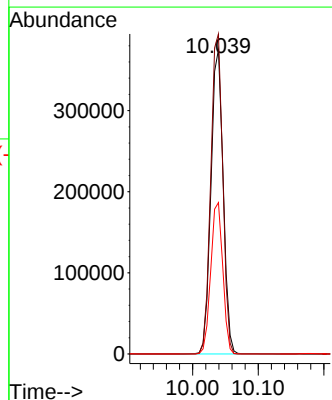
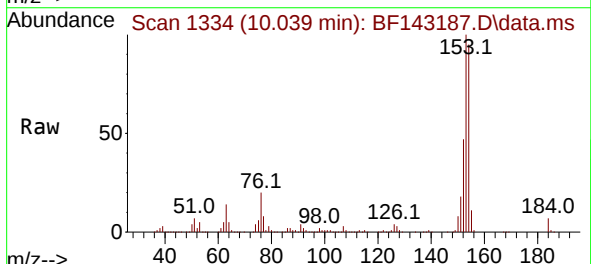
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

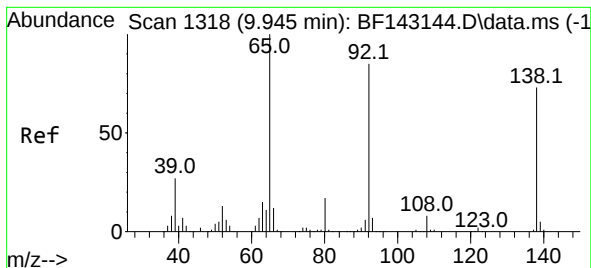
Tgt Ion:165 Resp: 116280
Ion Ratio Lower Upper
165 100
63 65.2 49.4 74.2
89 58.0 46.2 69.2



#52
Acenaphthene
Concen: 40.485 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:154 Resp: 488285
Ion Ratio Lower Upper
154 100
153 105.1 86.6 129.8
152 49.8 40.4 60.6





#53

3-Nitroaniline

Concen: 41.415 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

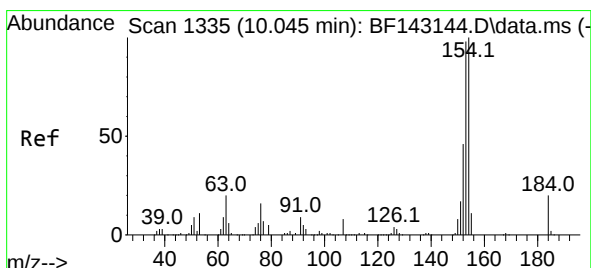
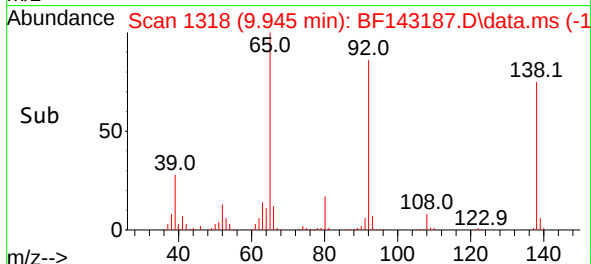
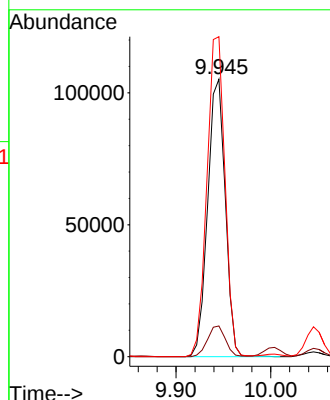
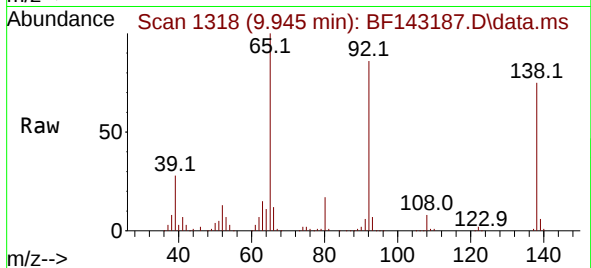
Tgt Ion:138 Resp: 135487

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.6

92 115.4 93.0 139.4



#54

2,4-Dinitrophenol

Concen: 45.117 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

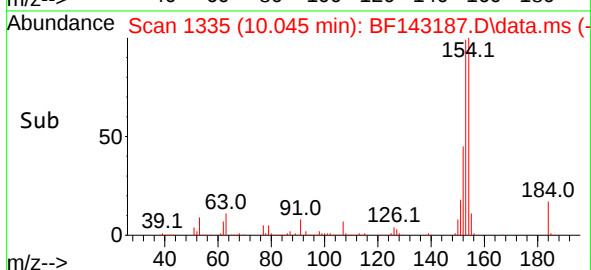
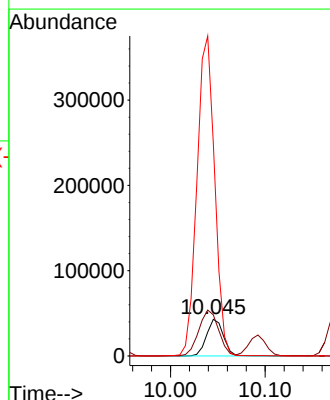
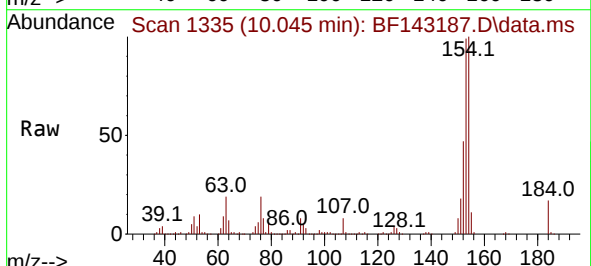
Tgt Ion:184 Resp: 53173

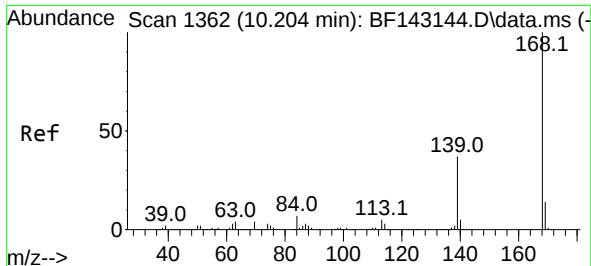
Ion Ratio Lower Upper

184 100

63 112.3 81.8 122.6

154 579.7 412.2 618.4

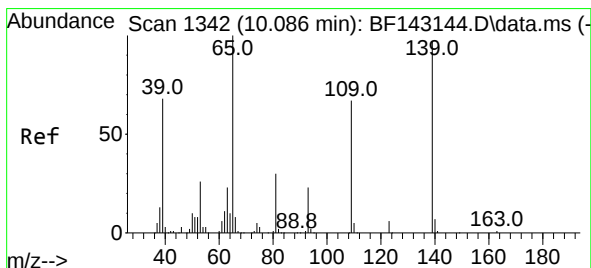
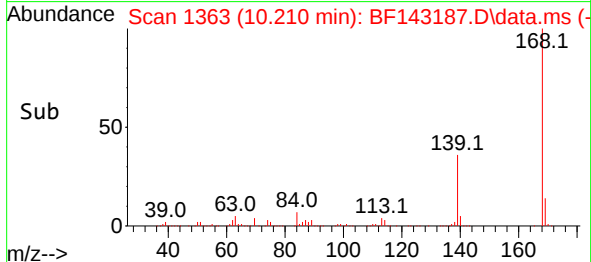
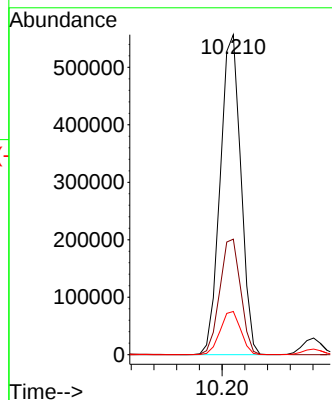
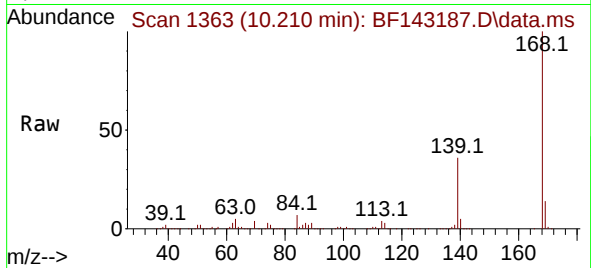




#55
Dibenzenofuran
Concen: 39.249 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

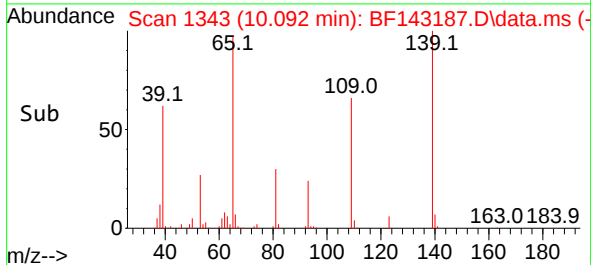
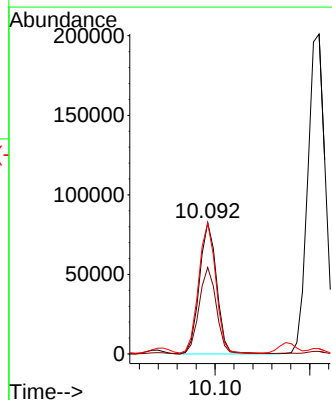
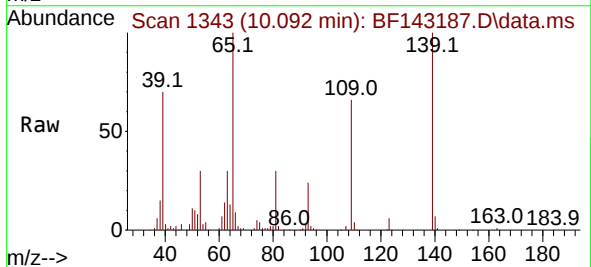
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

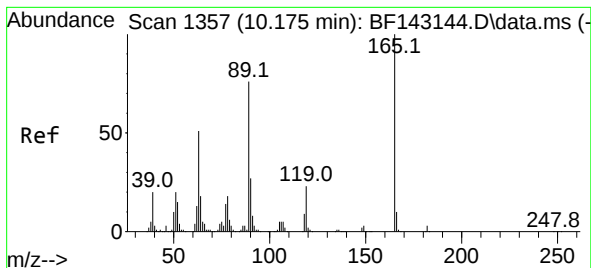
Tgt Ion:168 Resp: 702819
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 42.968 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 104968
Ion Ratio Lower Upper
139 100
109 65.9 48.5 88.5
65 100.1 83.4 123.4

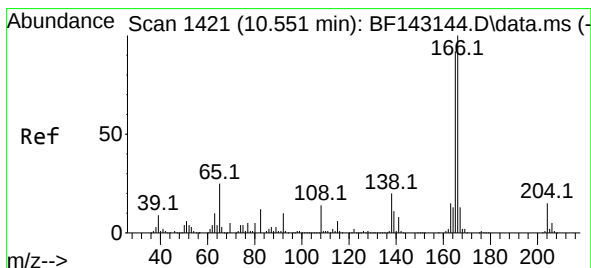
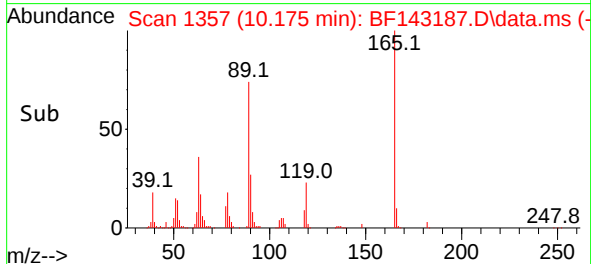
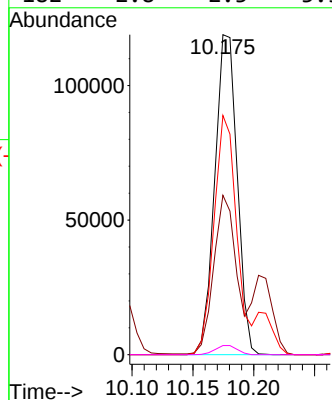
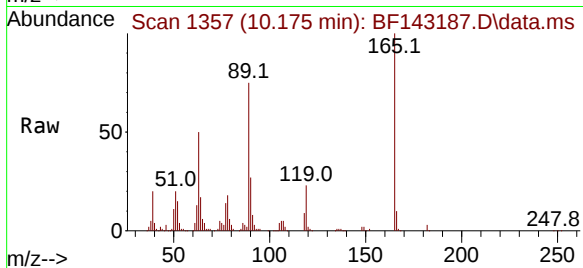




#57
2,4-Dinitrotoluene
Concen: 43.407 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

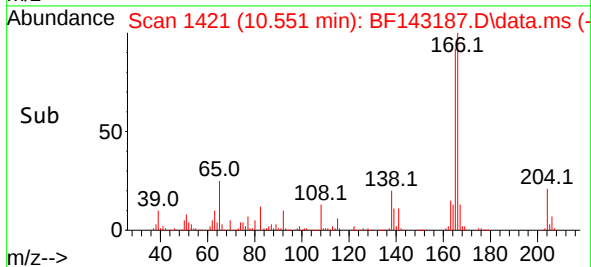
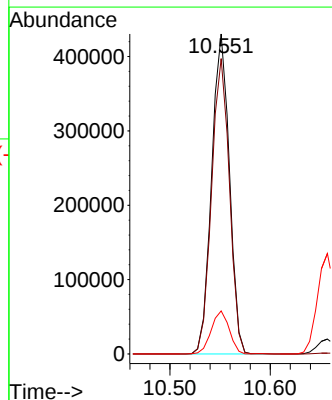
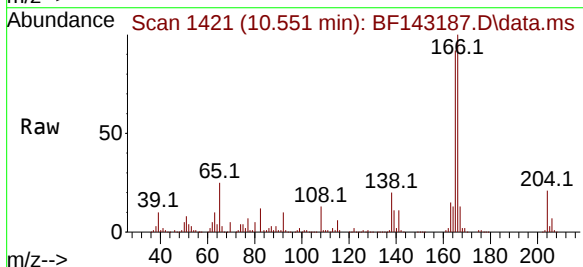
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

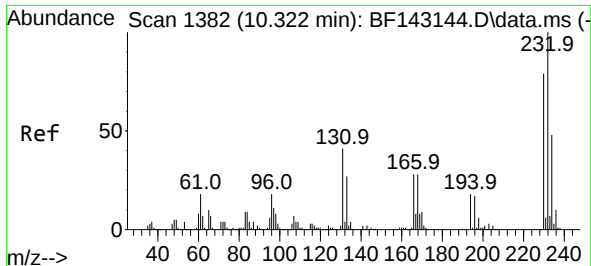
Tgt Ion:165 Resp: 152315
Ion Ratio Lower Upper
165 100
63 49.8 41.0 61.4
89 74.7 61.1 91.7
182 2.8 2.3 3.5



#58
Fluorene
Concen: 39.388 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:166 Resp: 529342
Ion Ratio Lower Upper
166 100
165 92.3 73.7 110.5
167 13.4 10.6 16.0

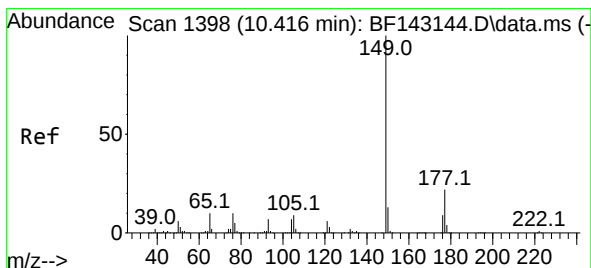
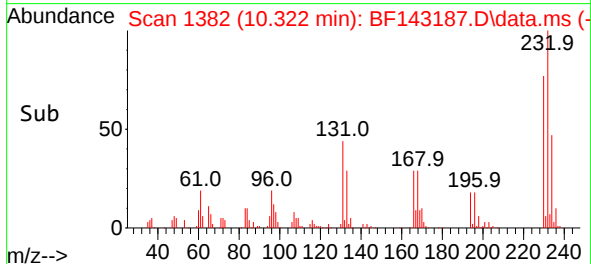
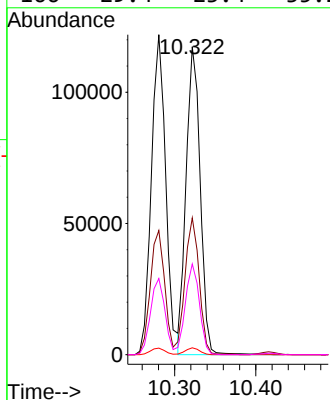
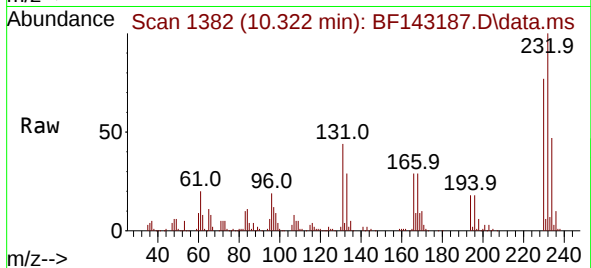




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.644 ng
RT: 10.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

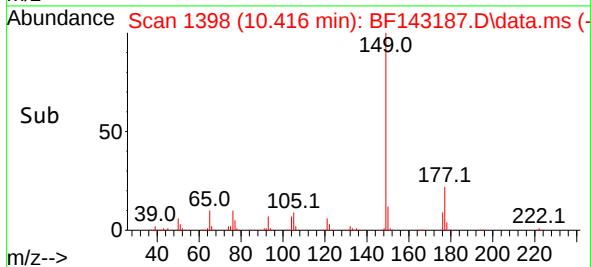
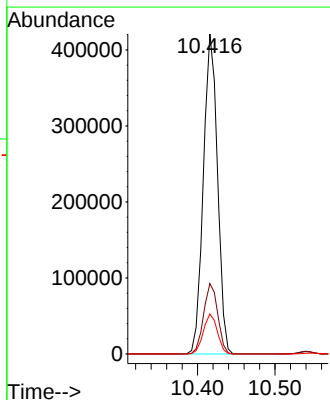
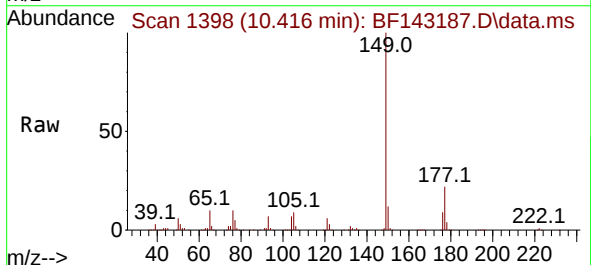
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

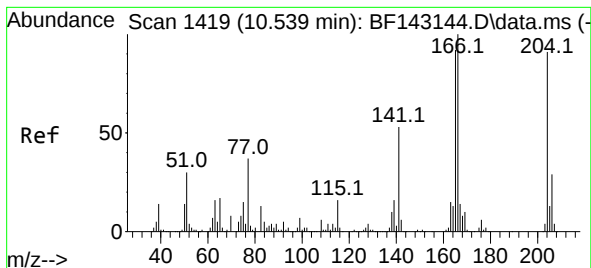
Tgt Ion:232 Resp: 141939
Ion Ratio Lower Upper
232 100
131 44.9 35.3 52.9
130 2.3 1.7 2.5
166 29.4 23.4 35.2



#60
Diethylphthalate
Concen: 39.184 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 532483
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.5 10.2 15.2

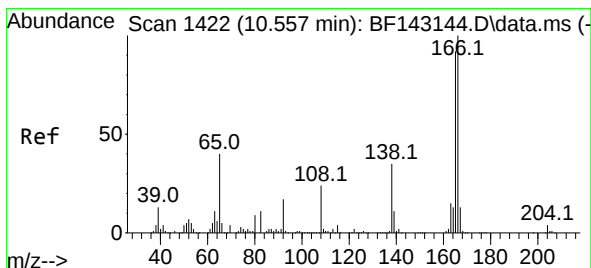
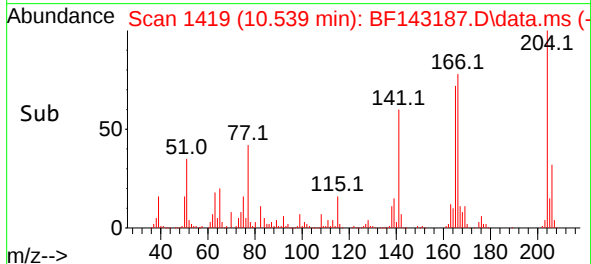
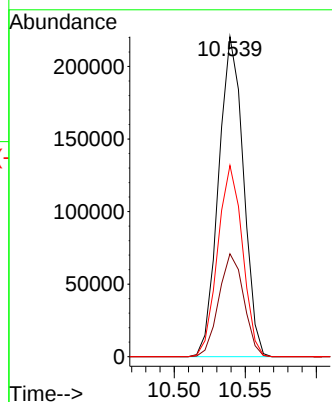
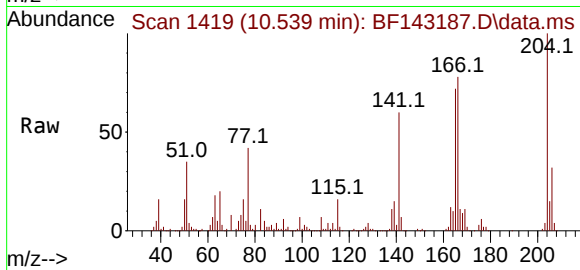




#61
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

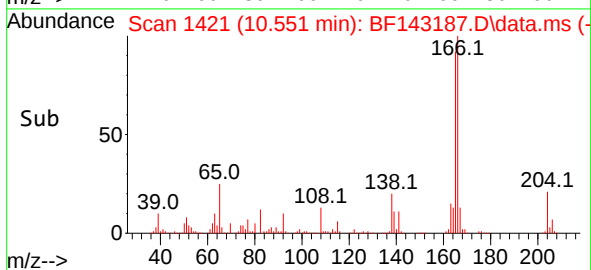
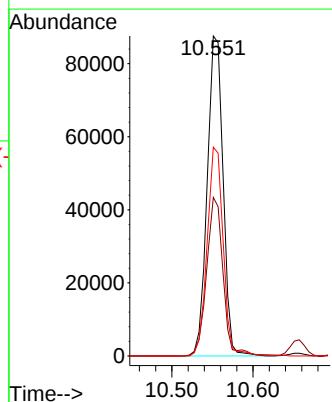
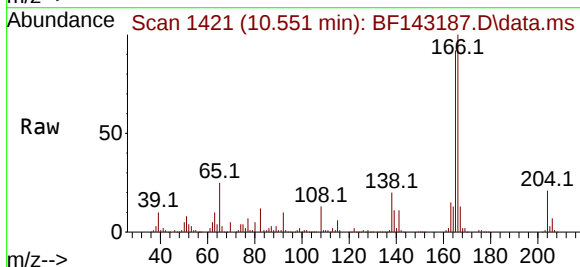
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

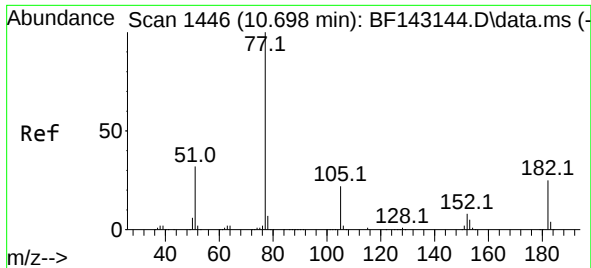
Tgt Ion:204 Resp: 268207
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 59.8 47.0 70.4



#62
4-Nitroaniline
Concen: 42.379 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:138 Resp: 118821
Ion Ratio Lower Upper
138 100
92 49.5 29.3 69.3
108 65.2 48.3 88.3

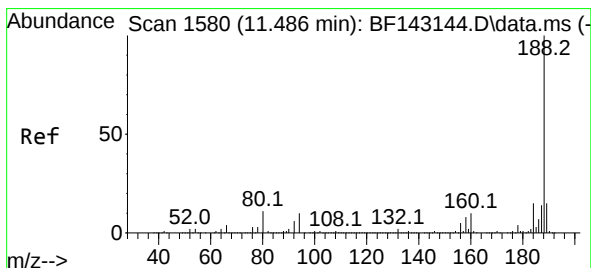
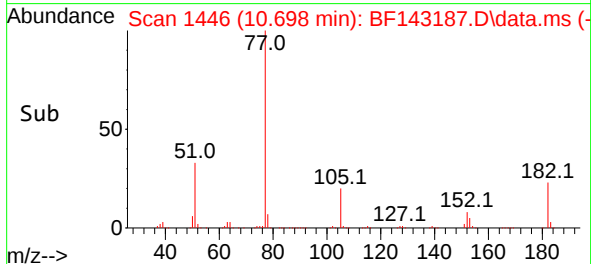
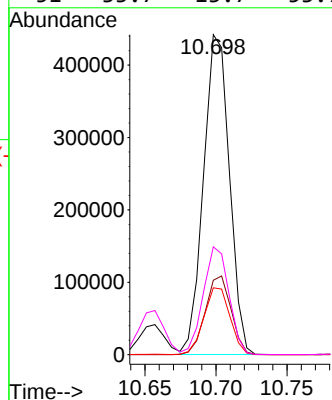
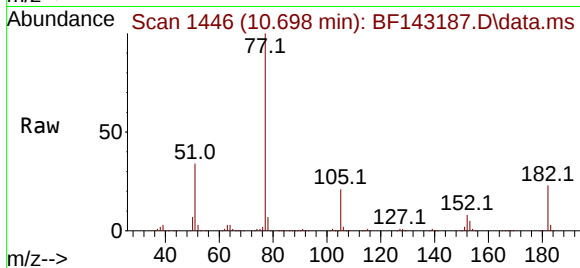




#63
Azobenzene
Concen: 39.680 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

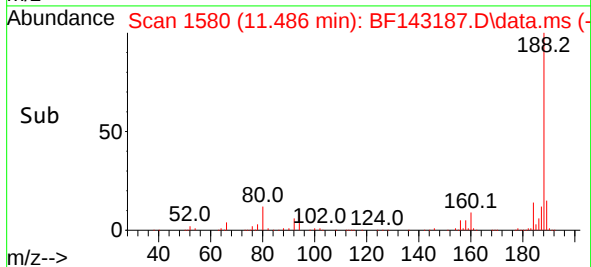
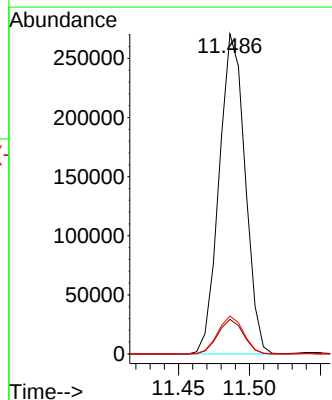
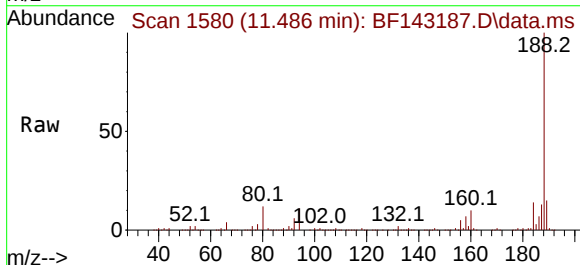
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

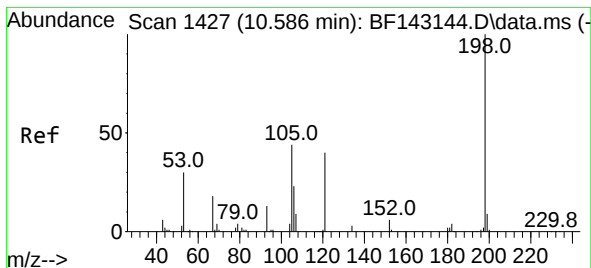
Tgt Ion: 77	Resp: 561985
Ion Ratio	Lower Upper
77 100	
182 23.2	4.6 44.6
105 20.9	1.4 41.4
51 33.7	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:188	Resp: 343518
Ion Ratio	Lower Upper
188 100	
94 10.8	8.3 12.5
80 11.8	9.0 13.6

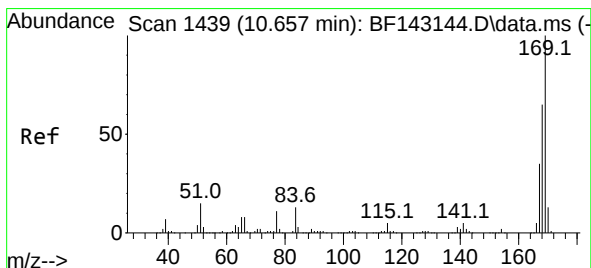
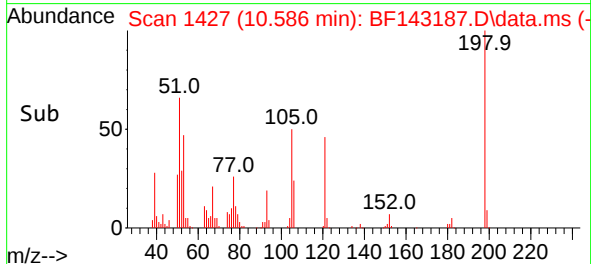
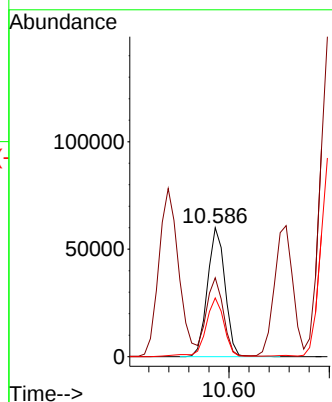
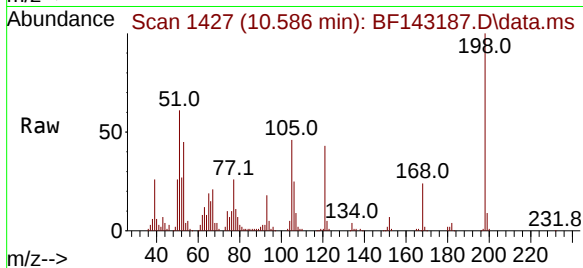




#65
4,6-Dinitro-2-methylphenol
Concen: 41.312 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

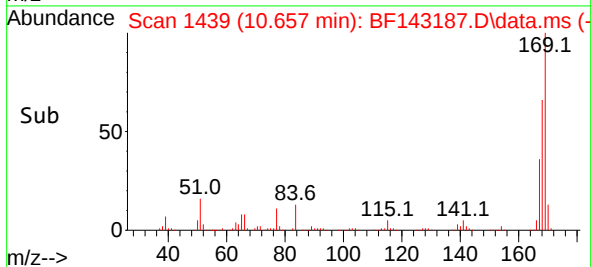
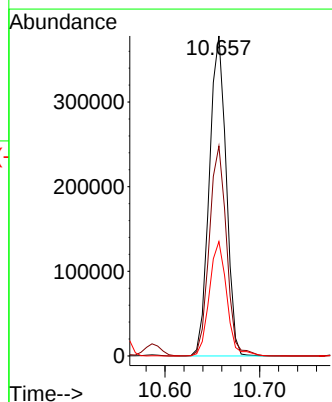
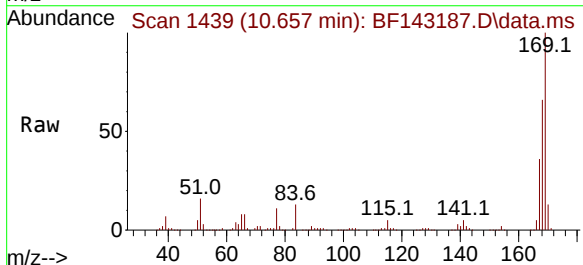
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

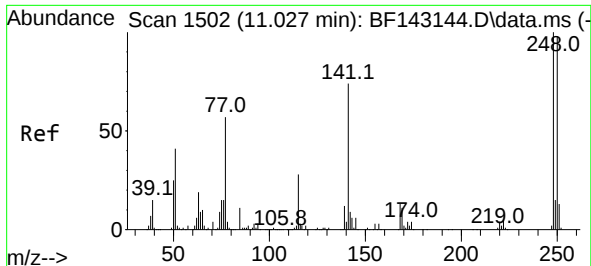
Tgt Ion:198 Resp: 72865
Ion Ratio Lower Upper
198 100
51 61.1 37.2 77.2
105 45.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.553 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:169 Resp: 466349
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.7 28.2 42.2

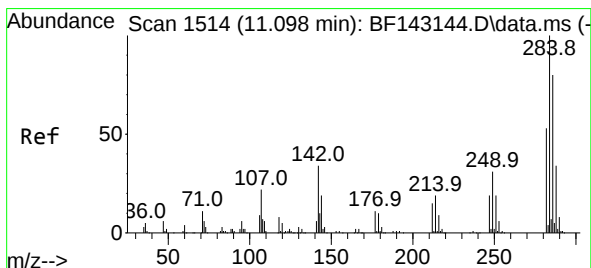
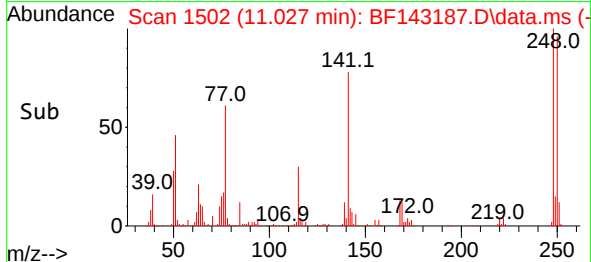
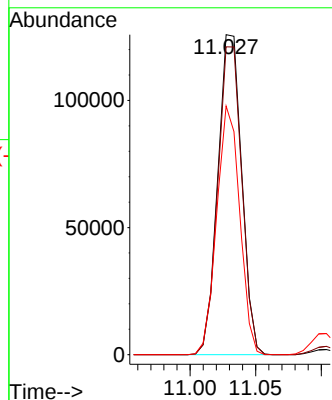
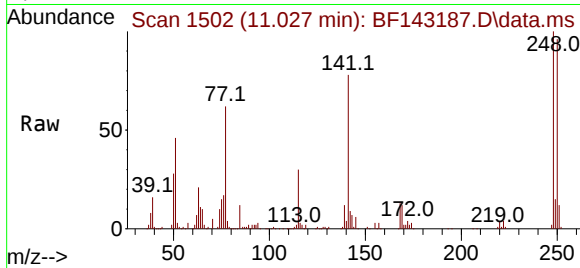




#67
4-Bromophenyl-phenylether
Concen: 39.049 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

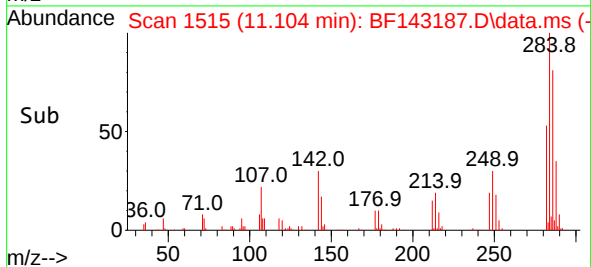
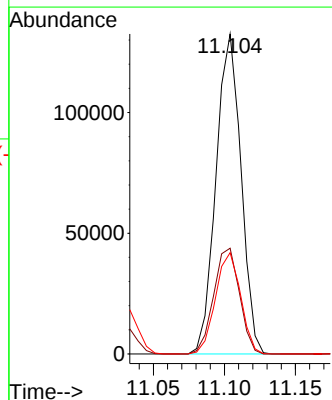
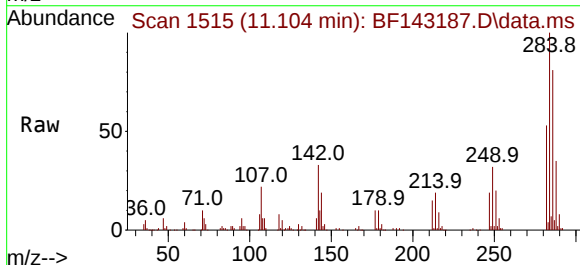
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

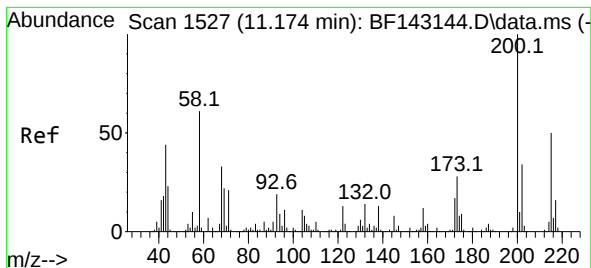
Tgt Ion:248 Resp: 159858
Ion Ratio Lower Upper
248 100
250 96.2 78.3 117.5
141 77.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 37.891 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:284 Resp: 162131
Ion Ratio Lower Upper
284 100
142 33.0 27.0 40.6
249 31.7 25.0 37.6





#69

Atrazine

Concen: 41.112 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

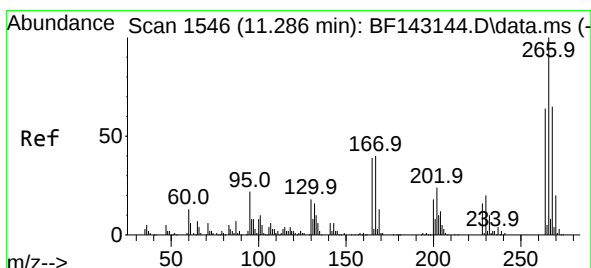
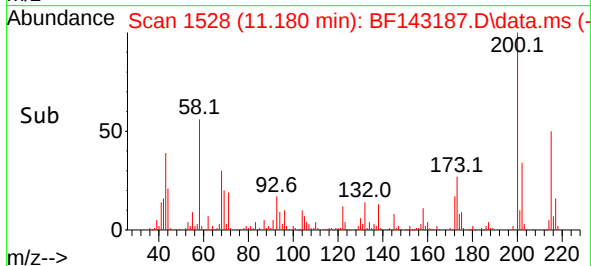
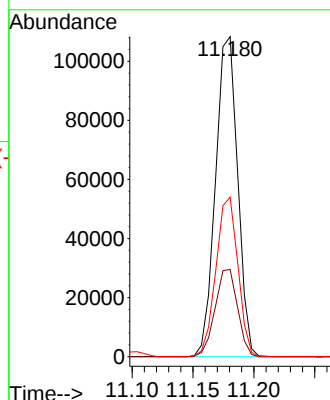
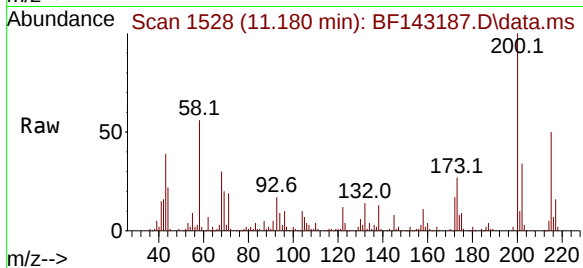
Tgt Ion:200 Resp: 137101

Ion Ratio Lower Upper

200 100

173 27.3 7.9 47.9

215 49.8 30.1 70.1



#70

Pentachlorophenol

Concen: 42.253 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

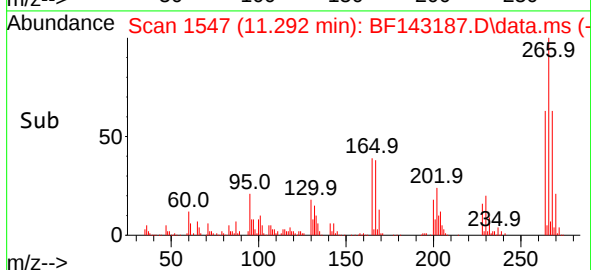
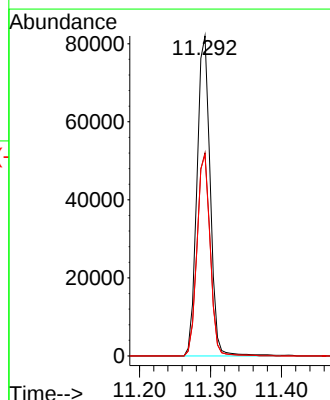
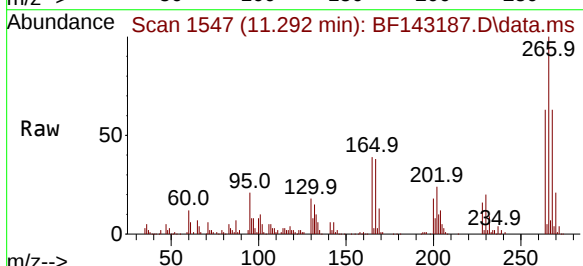
Tgt Ion:266 Resp: 106322

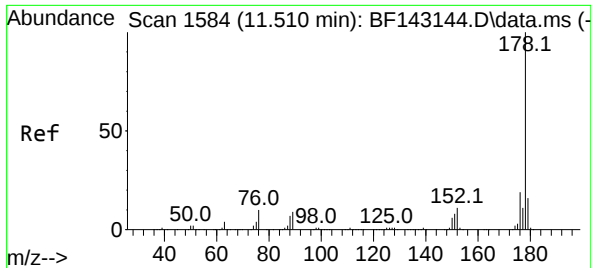
Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

264 62.9 51.0 76.6

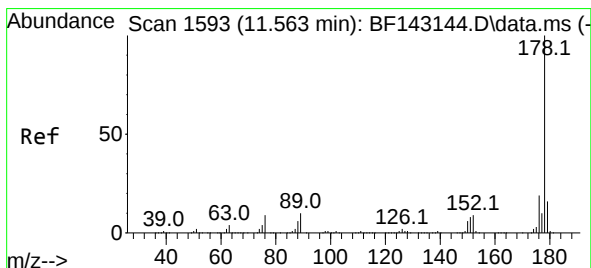
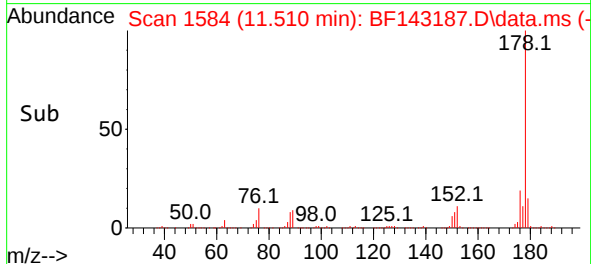
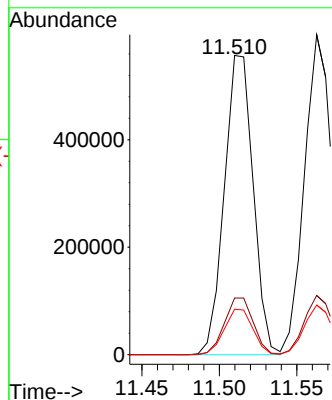
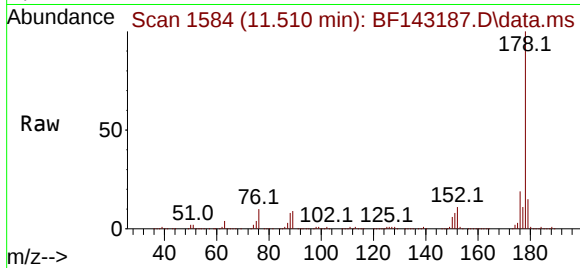




#71
Phenanthrene
Concen: 39.552 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

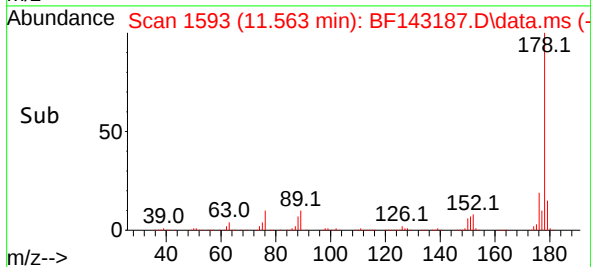
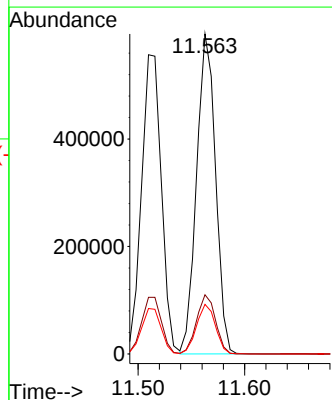
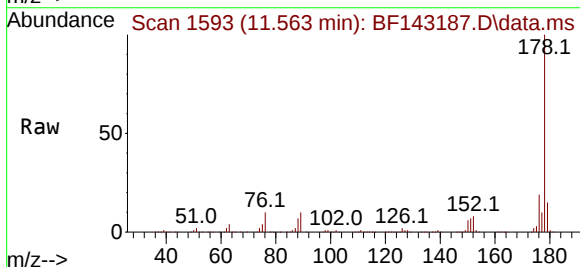
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

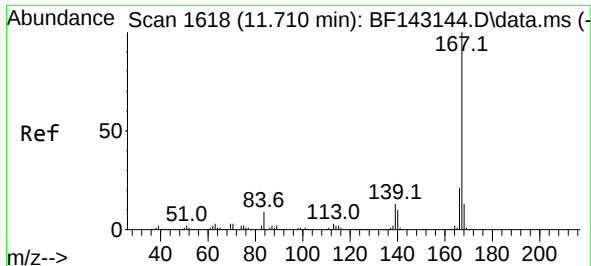
Tgt Ion:178 Resp: 721419
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.5 18.7



#72
Anthracene
Concen: 39.733 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:178 Resp: 739139
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.5 18.7

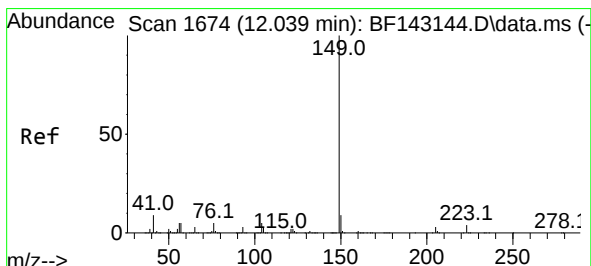
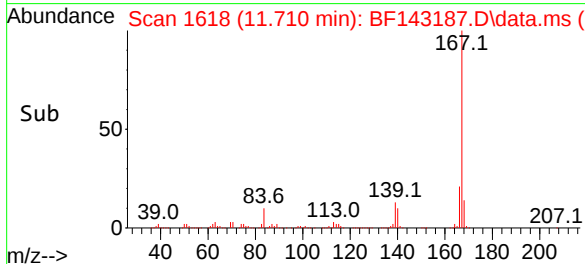
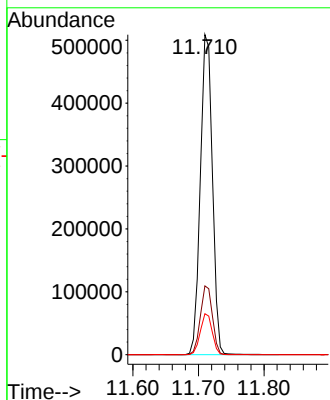
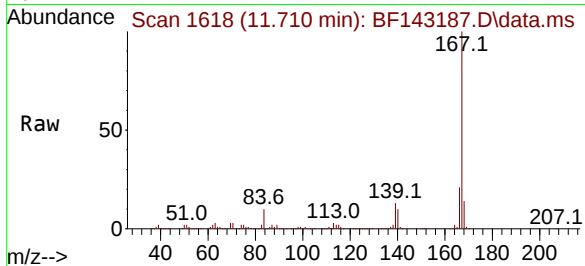




#73
 Carbazole
 Concen: 40.280 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143187.D
 Acq: 22 Jul 2025 13:55

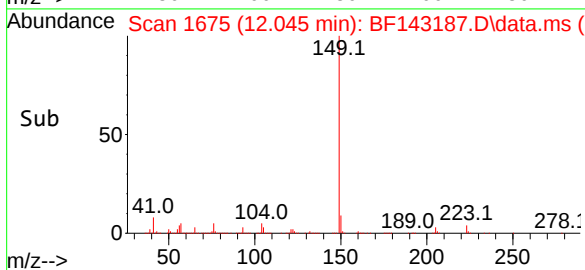
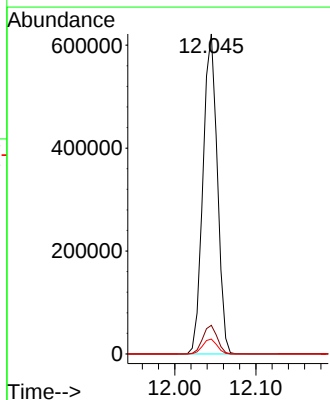
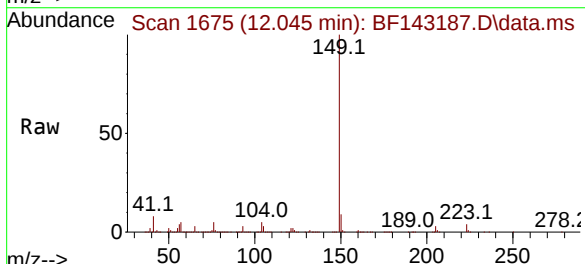
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

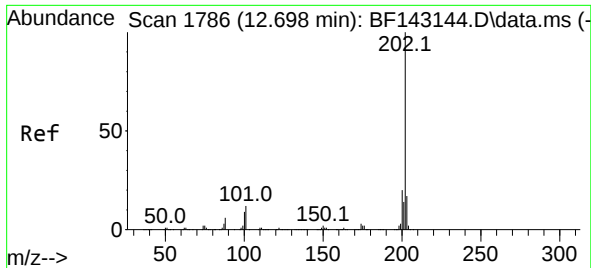
Tgt Ion:167 Resp: 654287
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.427 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143187.D
 Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 761405
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.7 3.8 5.8

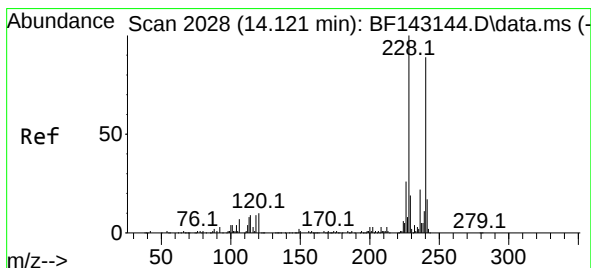
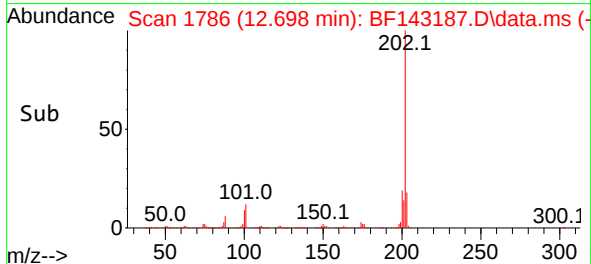
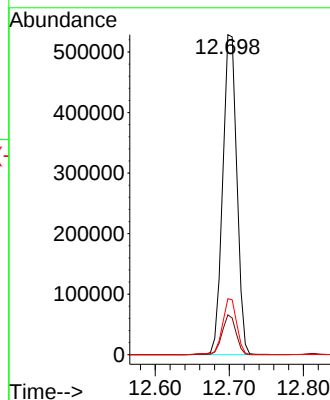
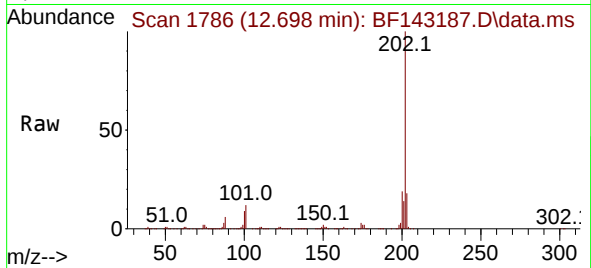




#75
Fluoranthene
Concen: 41.844 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

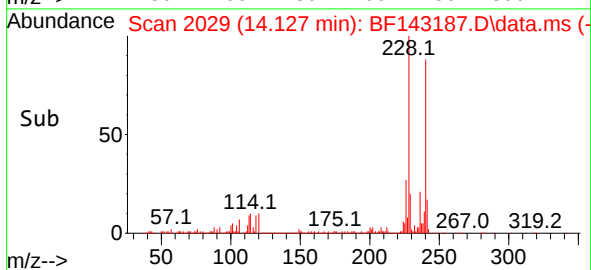
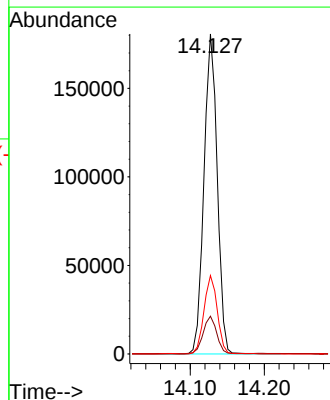
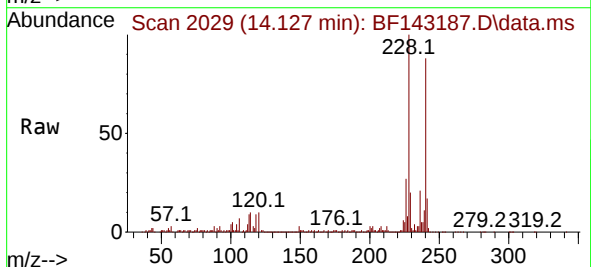
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

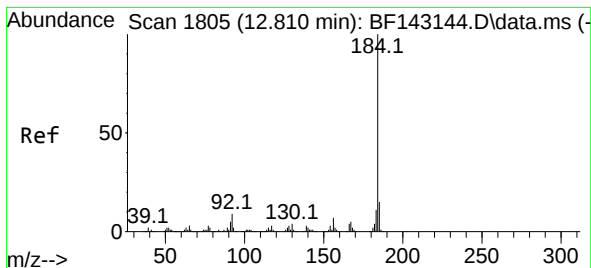
Tgt Ion:202 Resp: 700542
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:240 Resp: 225021
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 24.5 20.2 30.4





#77

Benzidine

Concen: 39.813 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

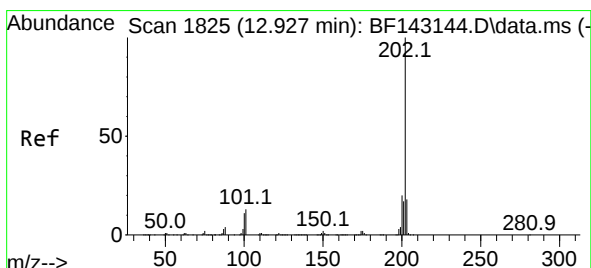
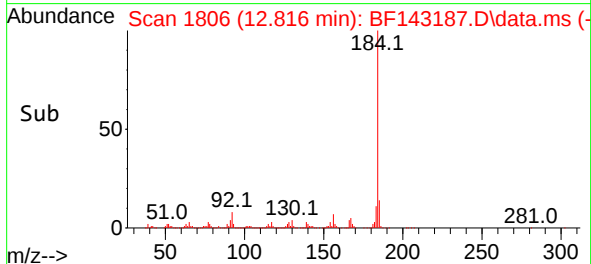
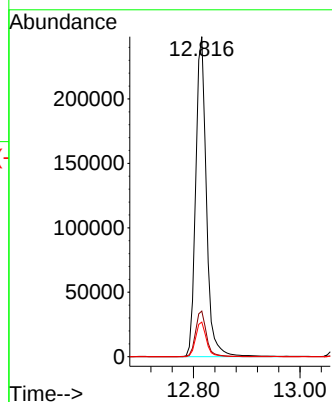
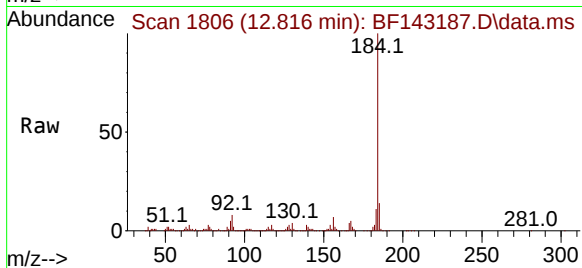
Tgt Ion:184 Resp: 345158

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

183 10.8 9.0 13.4



#78

Pyrene

Concen: 36.176 ng

RT: 12.927 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

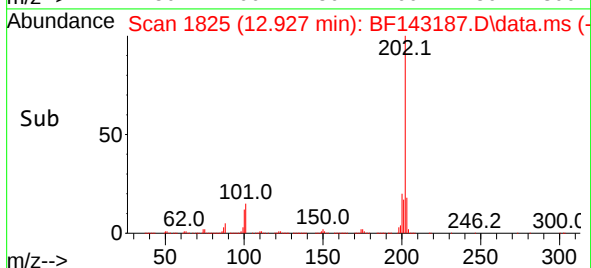
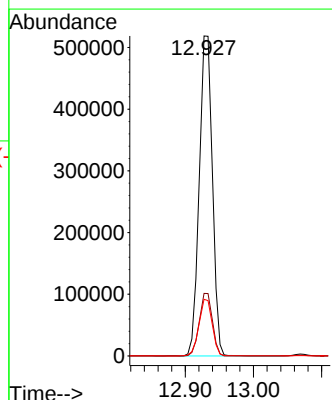
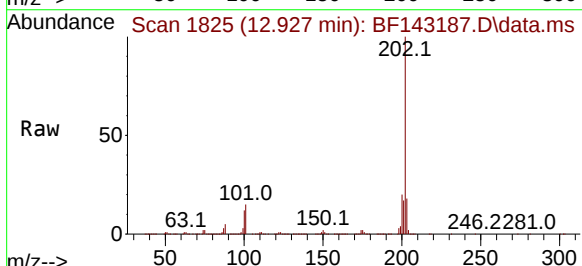
Tgt Ion:202 Resp: 694738

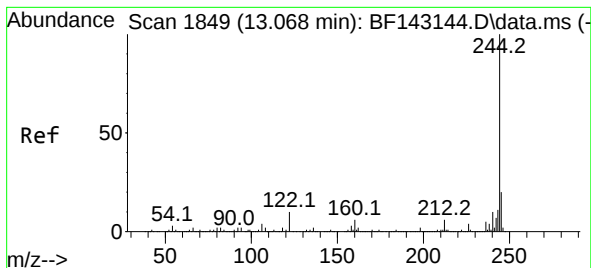
Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 70.493 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

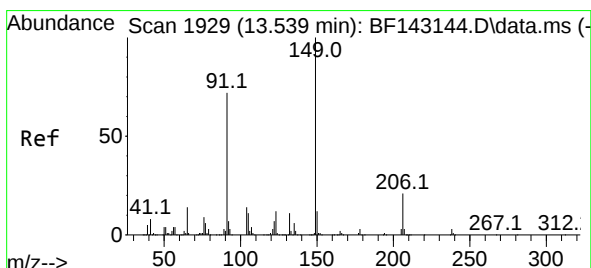
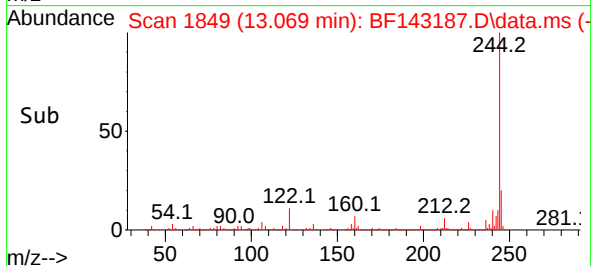
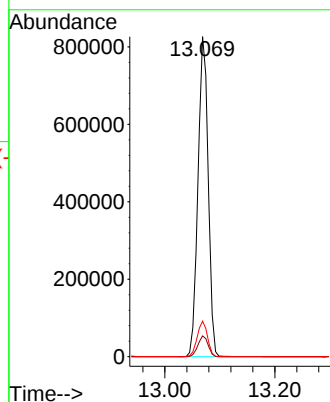
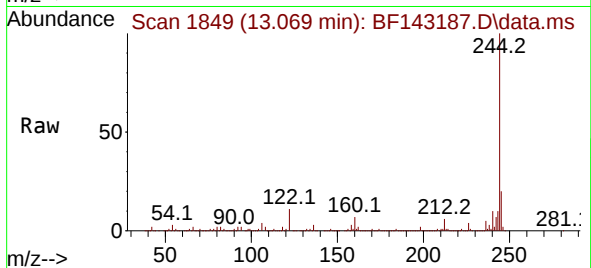
Tgt Ion:244 Resp: 1065941

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 11.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.491 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

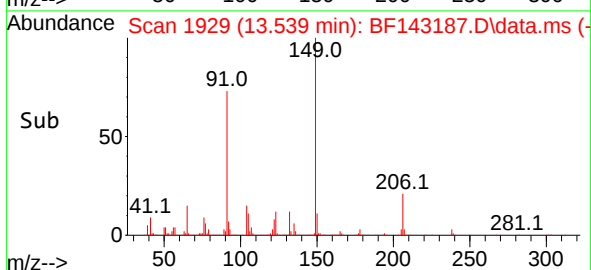
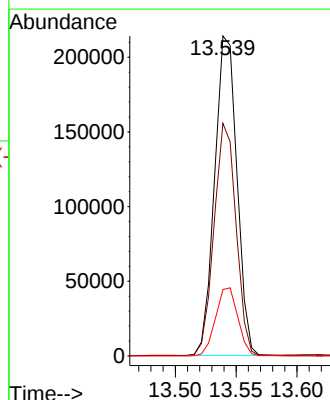
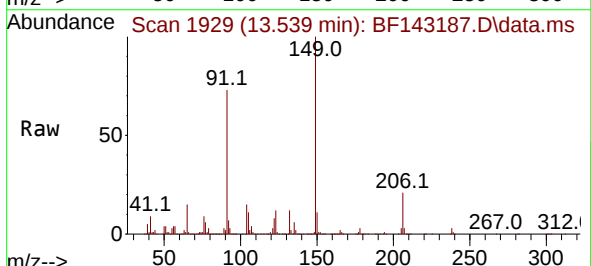
Tgt Ion:149 Resp: 273396

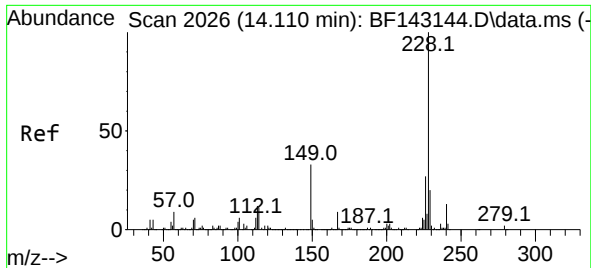
Ion Ratio Lower Upper

149 100

91 72.7 57.9 86.9

206 20.8 17.0 25.4

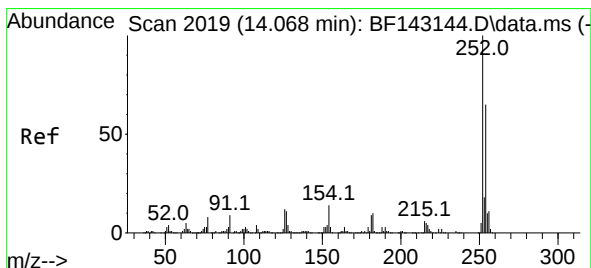
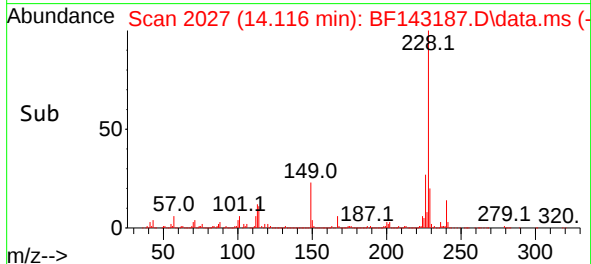
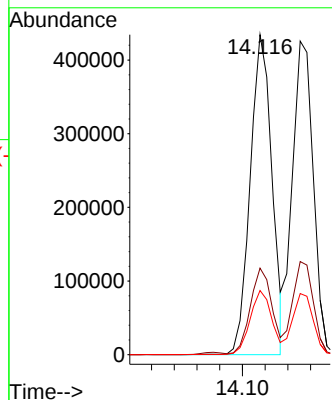
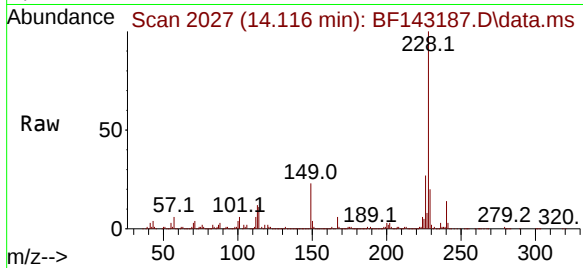




#81
Benzo(a)anthracene
Concen: 38.346 ng
RT: 14.116 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

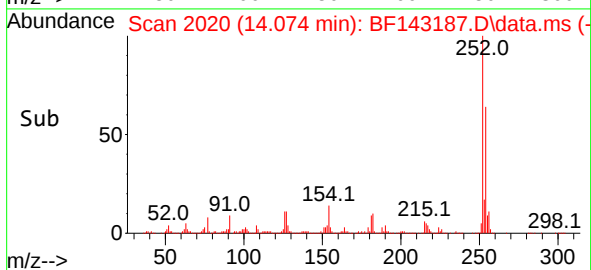
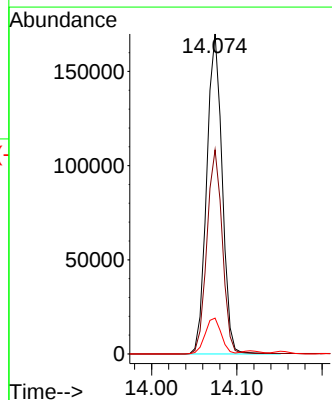
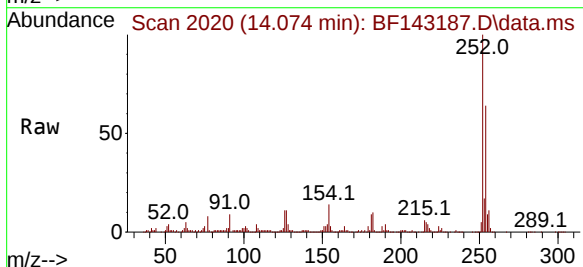
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

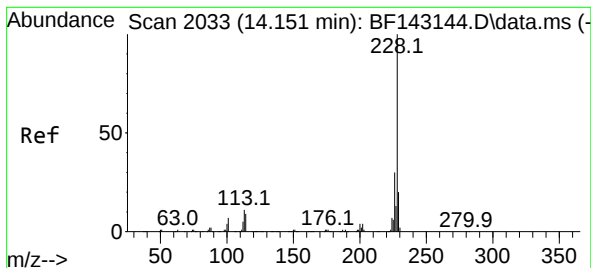
Tgt Ion:228 Resp: 577684
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.575 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 213772
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 11.2 9.4 14.0





#83

Chrysene

Concen: 40.193 ng

RT: 14.151 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

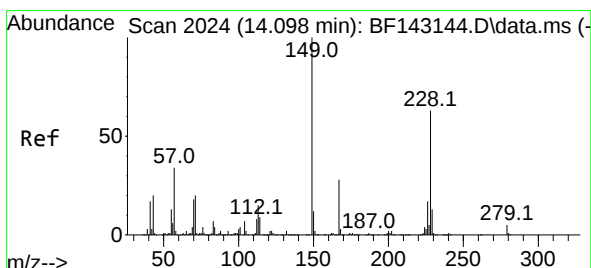
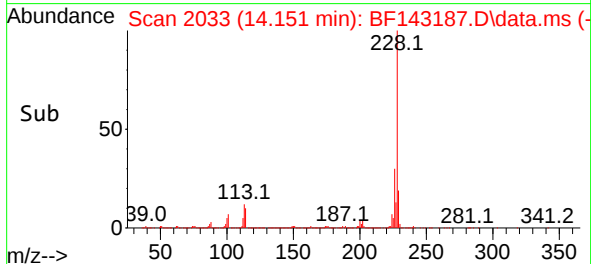
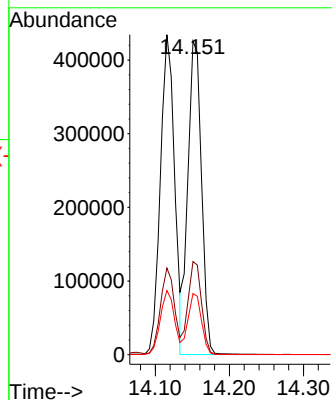
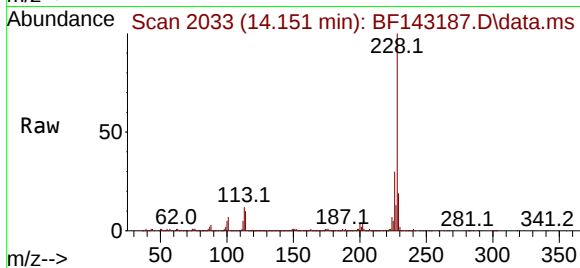
Tgt Ion:228 Resp: 544414

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.258 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

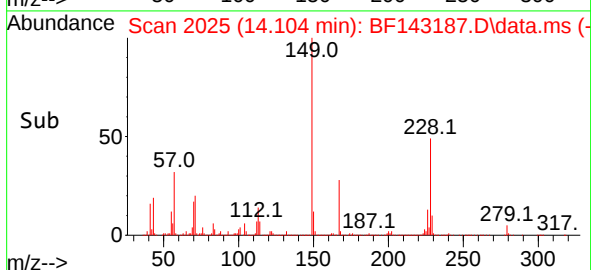
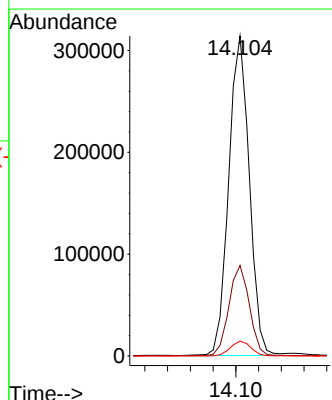
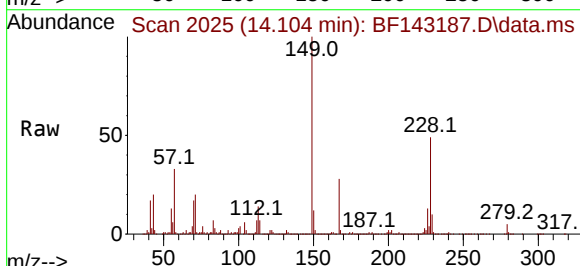
Tgt Ion:149 Resp: 393938

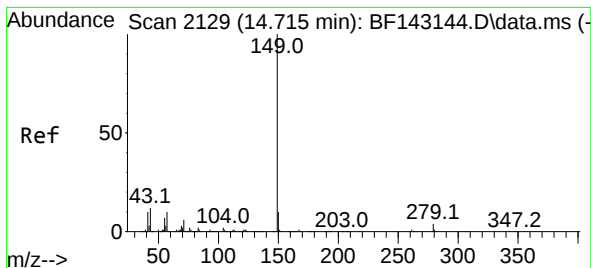
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.945 ng

RT: 14.715 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

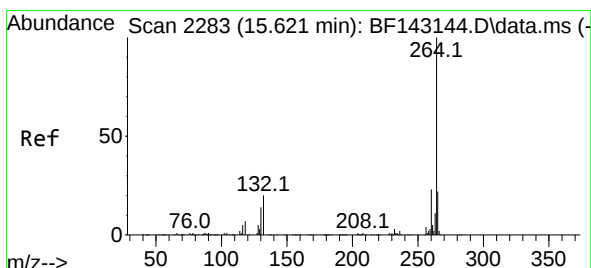
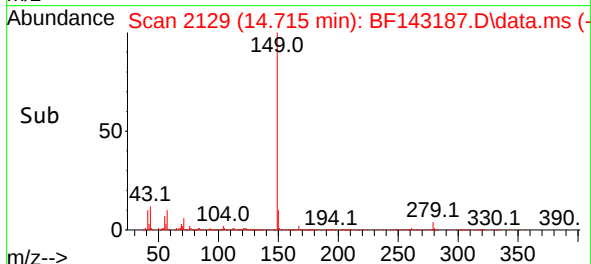
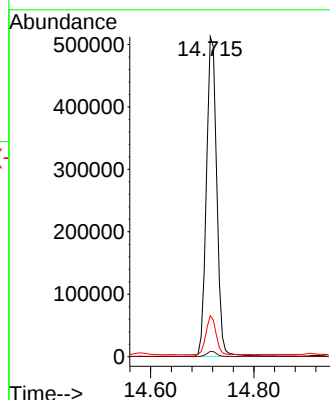
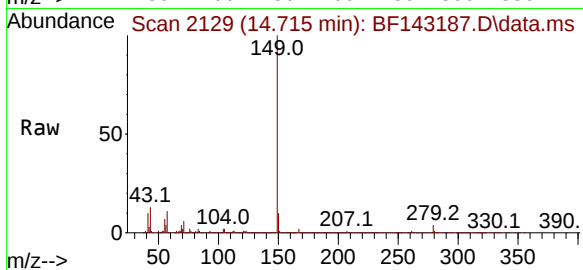
Tgt Ion:149 Resp: 709014

Ion Ratio Lower Upper

149 100

167 1.6 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: BF143187.D

Acq: 22 Jul 2025 13:55

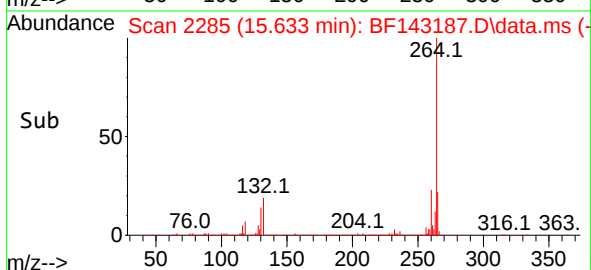
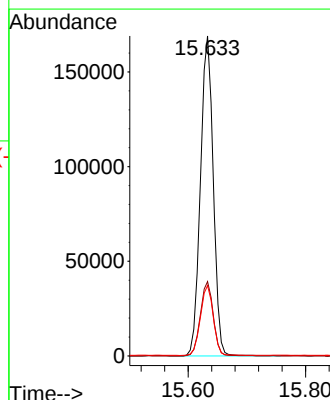
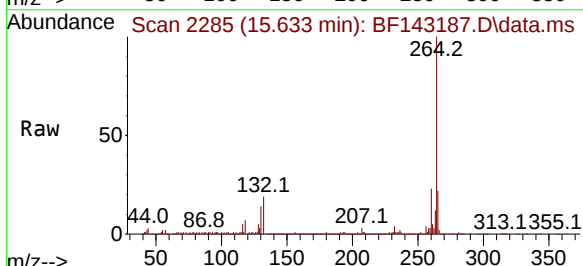
Tgt Ion:264 Resp: 256485

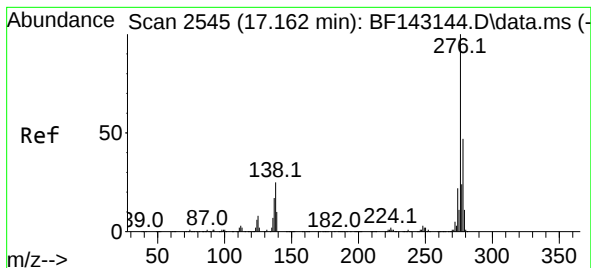
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.481 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

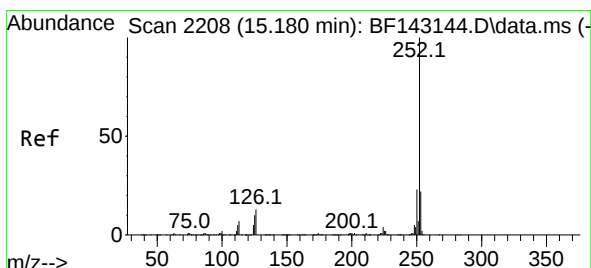
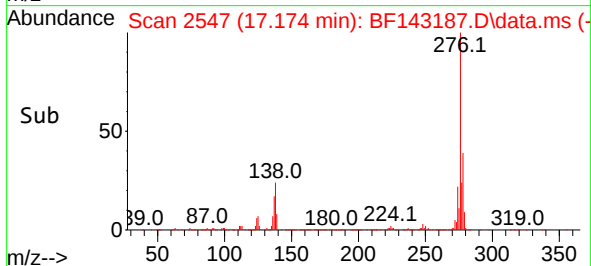
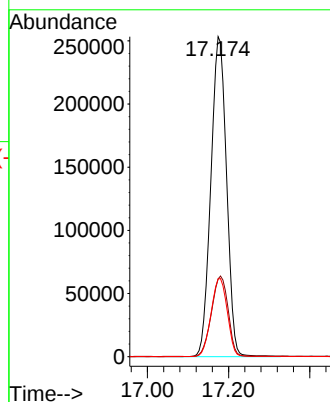
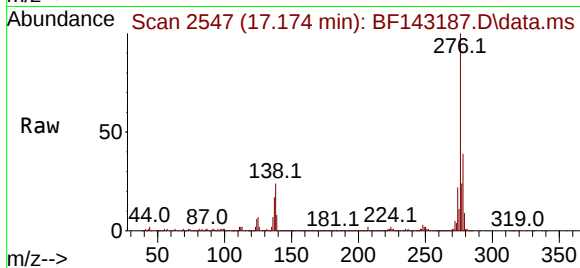
Tgt Ion:276 Resp: 677875

Ion Ratio Lower Upper

276 100

138 26.6 21.8 32.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.973 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

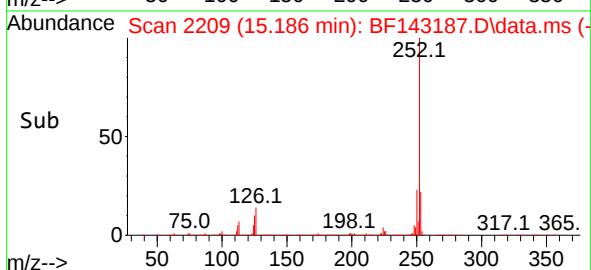
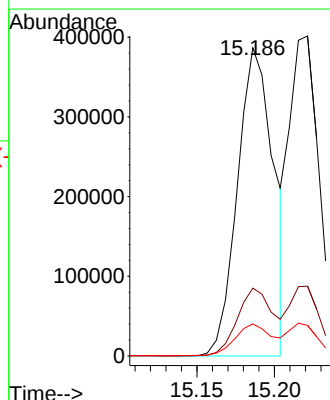
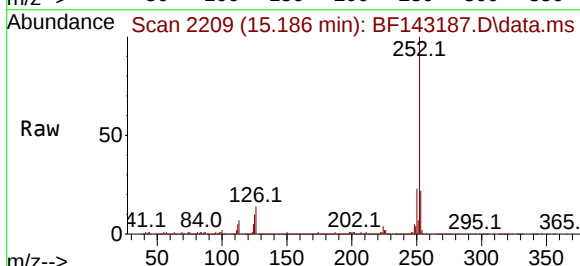
Tgt Ion:252 Resp: 626330

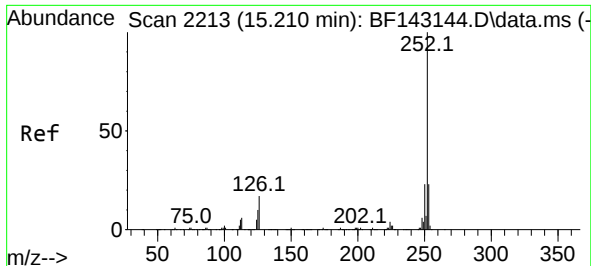
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 38.503 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

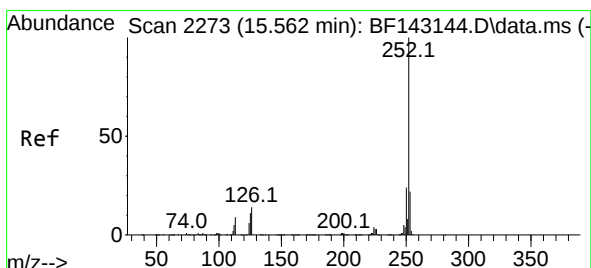
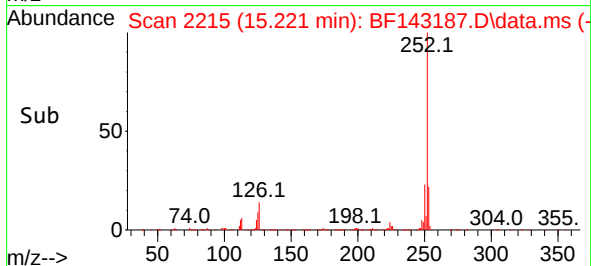
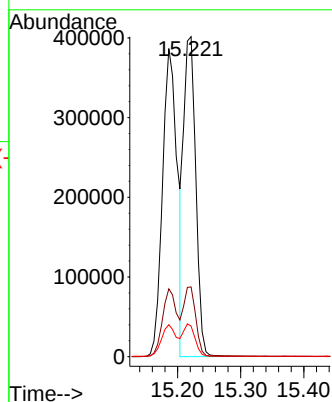
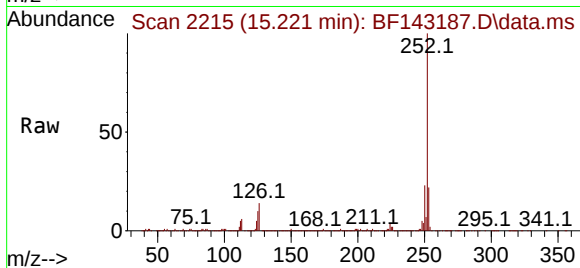
Tgt Ion:252 Resp: 538347

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.760 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143187.D

Acq: 22 Jul 2025 13:55

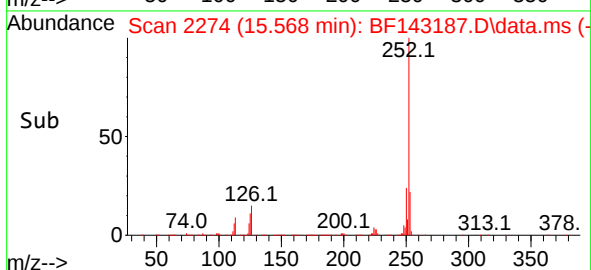
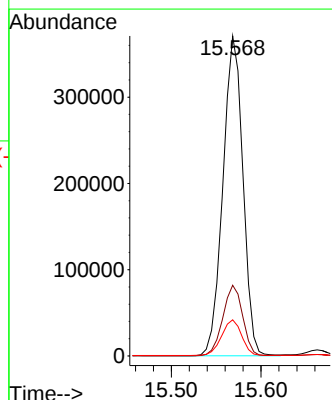
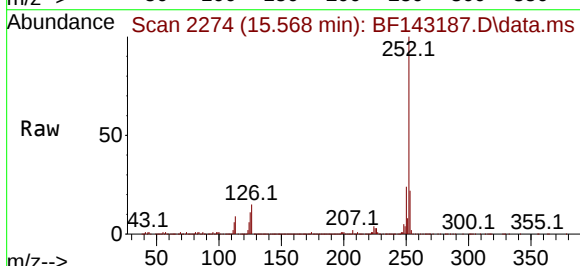
Tgt Ion:252 Resp: 573999

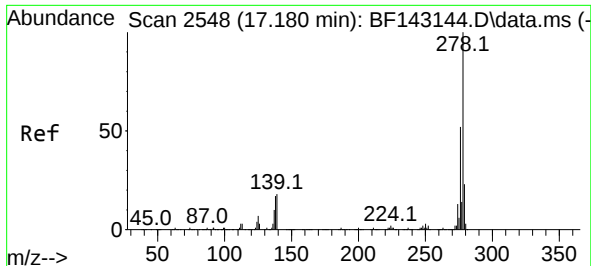
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.3 8.6 13.0

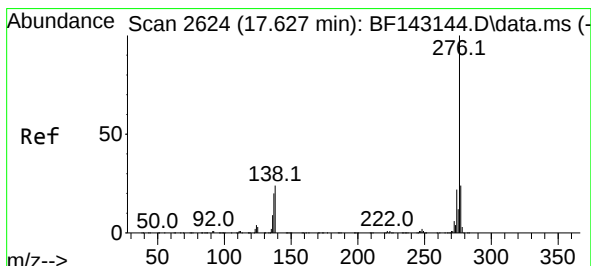
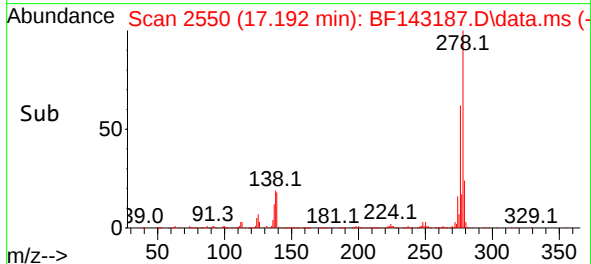
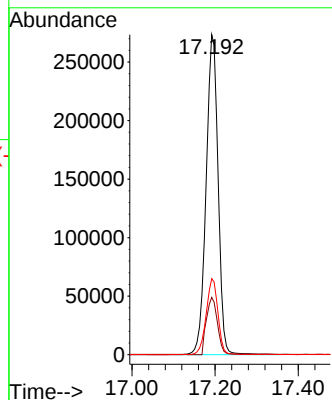
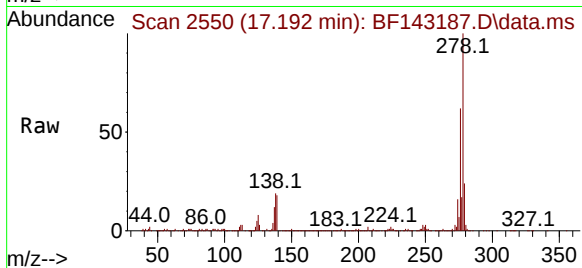




#91
Dibenzo(a,h)anthracene
Concen: 37.299 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 549063
Ion Ratio Lower Upper
278 100
139 17.9 14.1 21.1
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.968 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:276 Resp: 526414
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 23.3 18.9 28.3

