

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144045.D
 Acq On : 22 Oct 2025 16:48
 Operator : RC/JU
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57143	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	201418	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	104489	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	168446	20.000	ng	0.00
76) Chrysene-d12	14.063	240	157711	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	198777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	326532	90.742	ng	0.00
7) Phenol-d6	6.504	99	364985	85.094	ng	-0.01
23) Nitrobenzene-d5	7.439	82	220349	66.465	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	108244	104.008	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	427039	64.849	ng	-0.01
79) Terphenyl-d14	12.998	244	466140	50.515	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	71890	43.172	ng	93
3) Pyridine	3.446	79	196727	40.582	ng	93
4) n-Nitrosodimethylamine	3.393	42	119259	46.767	ng	93
6) Aniline	6.545	93	198249	30.845	ng	99
8) 2-Chlorophenol	6.663	128	162475	46.191	ng	96
9) Benzaldehyde	6.434	77	82729	25.003	ng	97
10) Phenol	6.522	94	222009	43.295	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	166623	42.064	ng	97
12) 1,3-Dichlorobenzene	6.822	146	204716	48.620	ng	100
13) 1,4-Dichlorobenzene	6.898	146	211934	51.028	ng	99
14) 1,2-Dichlorobenzene	7.051	146	196340	49.354	ng	99
15) Benzyl Alcohol	7.022	79	146326	45.532	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	327359	36.307	ng	95
17) 2-Methylphenol	7.134	107	128416	44.175	ng	98
18) Hexachloroethane	7.392	117	66658	48.125	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	119120	40.573	ng	95
20) 3+4-Methylphenols	7.281	107	147081	43.655	ng	# 75
22) Acetophenone	7.286	105	228530	53.660	ng	95
24) Nitrobenzene	7.463	77	180195	48.944	ng	97
25) Isophorone	7.698	82	314598	45.004	ng	98
26) 2-Nitrophenol	7.781	139	86948	55.085	ng	98
27) 2,4-Dimethylphenol	7.810	122	145756	51.334	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	197585	44.746	ng	100
29) 2,4-Dichlorophenol	8.022	162	147567	49.894	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	154993	53.285	ng	99
31) Naphthalene	8.186	128	446863	48.772	ng	99
32) Benzoic acid	7.922	122	85718	43.621	ng	96
33) 4-Chloroaniline	8.233	127	72133	20.991	ng	96
34) Hexachlorobutadiene	8.304	225	109564	54.205	ng	97
35) Caprolactam	8.592	113	40795	43.381	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	129035	45.419	ng	99
37) 2-Methylnaphthalene	8.875	142	264741	43.377	ng	99
38) 1-Methylnaphthalene	8.975	142	265211	44.799	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	167040	57.841	ng	97
41) Hexachlorocyclopentadiene	9.028	237	79498	66.354	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	103102	48.861	ng	99

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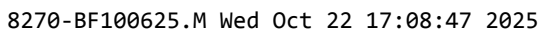
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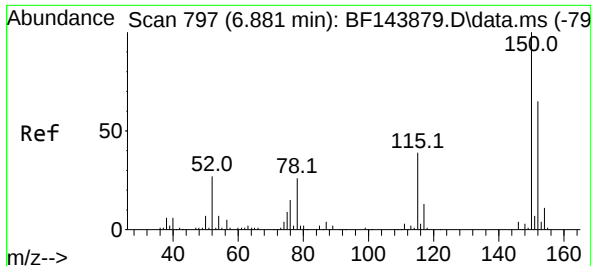
Quant Time: Oct 22 17:07:56 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	110597	49.598	ng	99
46) 1,1'-Biphenyl	9.339	154	379219	54.816	ng	98
47) 2-Chloronaphthalene	9.369	162	285360	49.473	ng	100
48) 2-Nitroaniline	9.463	65	88111	48.317	ng	93
49) Acenaphthylene	9.780	152	438583	54.086	ng	99
50) Dimethylphthalate	9.639	163	323677	48.780	ng	99
51) 2,6-Dinitrotoluene	9.704	165	70161	57.022	ng	97
52) Acenaphthene	9.957	154	264864	49.847	ng	99
53) 3-Nitroaniline	9.875	138	53252	35.346	ng	93
54) 2,4-Dinitrophenol	9.980	184	58234	77.012	ng	94
55) Dibenzofuran	10.127	168	358411	47.784	ng	99
56) 4-Nitrophenol	10.033	139	94611	82.938	ng	95
57) 2,4-Dinitrotoluene	10.110	165	91107	54.420	ng	98
58) Fluorene	10.469	166	276481	48.851	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80285	50.862	ng	# 98
60) Diethylphthalate	10.339	149	297519	48.264	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	149003	49.796	ng	99
62) 4-Nitroaniline	10.486	138	67812	46.806	ng	96
63) Azobenzene	10.622	77	302817	47.002	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	46280	54.673	ng	95
66) n-Nitrosodiphenylamine	10.580	169	267366	50.551	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	95053	51.060	ng	97
68) Hexachlorobenzene	11.022	284	115537	53.609	ng	97
69) Atrazine	11.104	200	86175	53.756	ng	99
70) Pentachlorophenol	11.216	266	115720	93.490	ng	98
71) Phenanthrene	11.439	178	406843	49.820	ng	100
72) Anthracene	11.486	178	424337	51.435	ng	99
73) Carbazole	11.645	167	374959	51.318	ng	99
74) Di-n-butylphthalate	11.974	149	439215	51.866	ng	99
75) Fluoranthene	12.627	202	466245	55.274	ng	98
77) Benzidine	12.751	184	191999	35.061	ng	98
78) Pyrene	12.857	202	486134	36.974	ng	99
80) Butylbenzylphthalate	13.474	149	194190	45.477	ng	98
81) Benzo(a)anthracene	14.051	228	500895	48.533	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	138851	44.147	ng	99
83) Chrysene	14.086	228	481599	50.418	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	278912	54.185	ng	100
85) Di-n-octyl phthalate	14.651	149	511613	60.515	ng	97
87) Indeno(1,2,3-cd)pyrene	17.056	276	499925	41.045	ng	98
88) Benzo(b)fluoranthene	15.109	252	574593	50.322	ng	# 97
89) Benzo(k)fluoranthene	15.139	252	502266	47.538	ng	98
90) Benzo(a)pyrene	15.486	252	521045	52.626	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	415588	42.425	ng	98
92) Benzo(g,h,i)perylene	17.509	276	374153	38.195	ng	96

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

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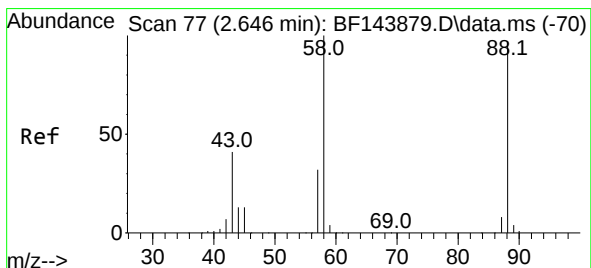
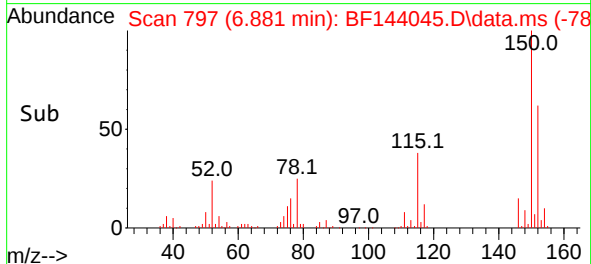
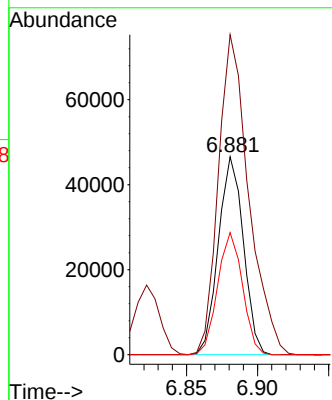
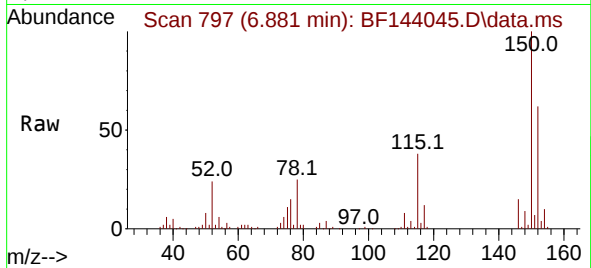




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

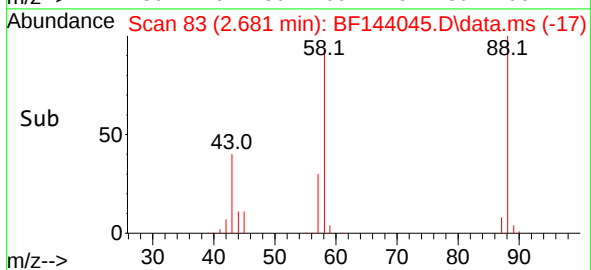
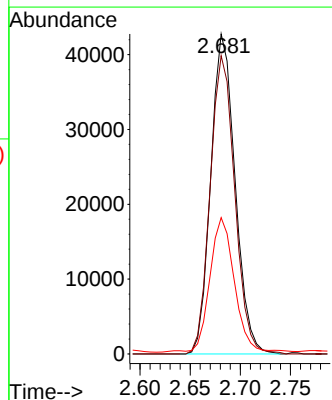
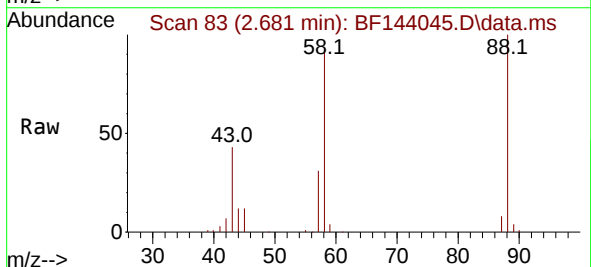
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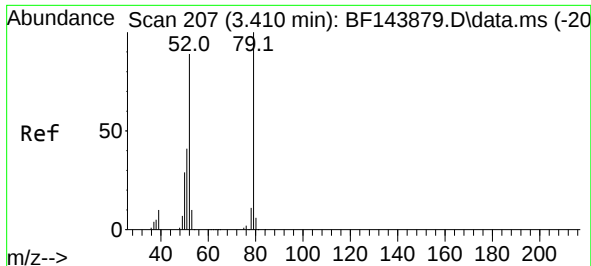
Tgt Ion:152 Resp: 57143
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.4 186.6
 115 61.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.172 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.035 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

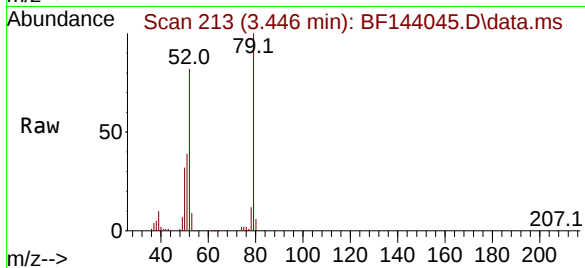
Tgt Ion: 88 Resp: 71890
 Ion Ratio Lower Upper
 88 100
 58 94.4 83.0 124.6
 43 42.5 33.9 50.9



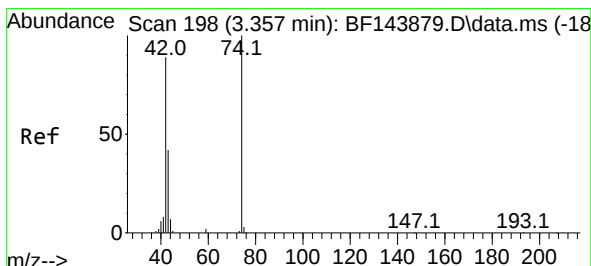
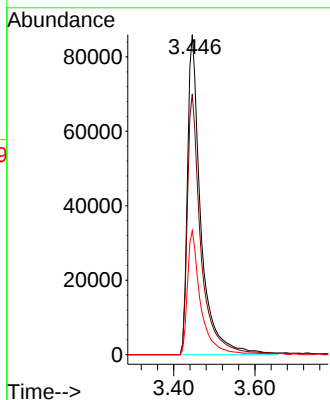
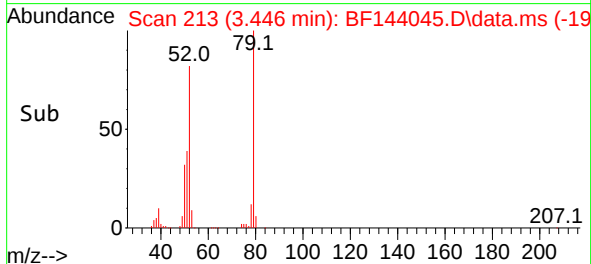


#3
Pyridine
Concen: 40.582 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.029 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

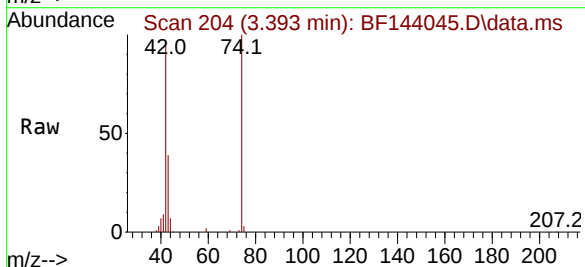
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ClientSampleId :
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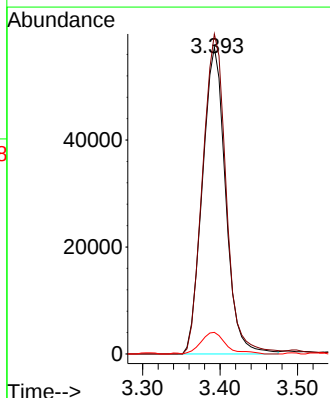
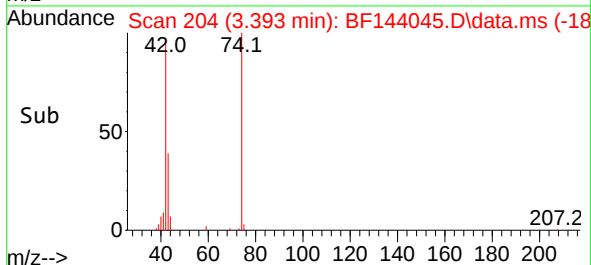
Tgt Ion: 79 Resp: 196727
Ion Ratio Lower Upper
79 100
52 81.5 71.5 107.3
51 38.8 32.9 49.3

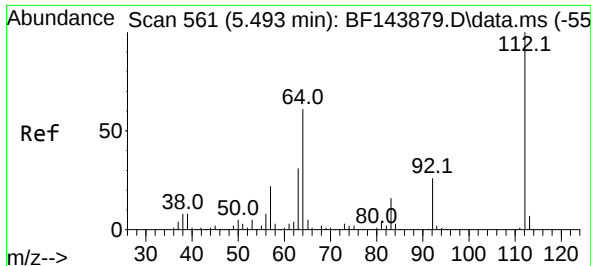


#4
n-Nitrosodimethylamine
Concen: 46.767 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48



Tgt Ion: 42 Resp: 119259
Ion Ratio Lower Upper
42 100
74 104.3 90.0 135.0
44 7.0 6.2 9.2

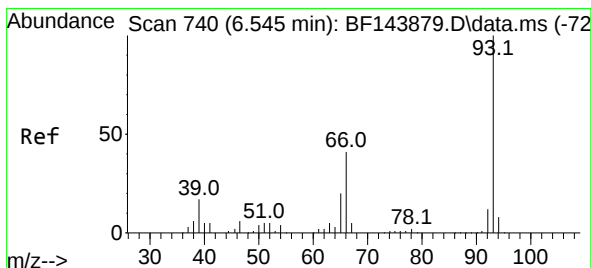
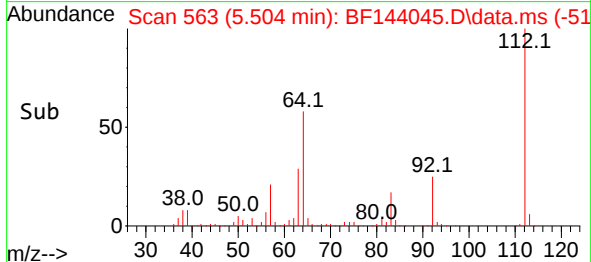
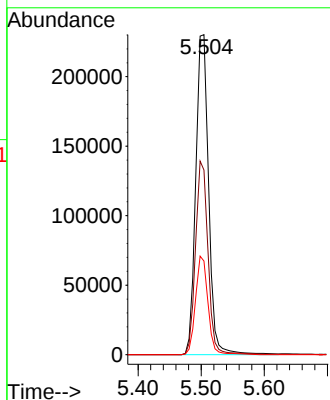
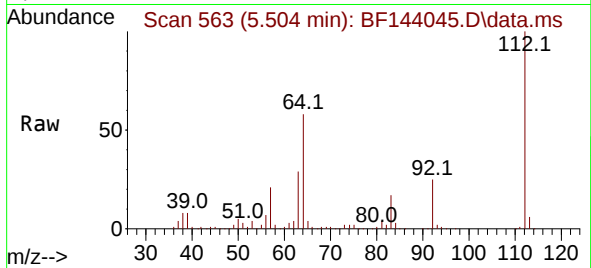




#5
2-Fluorophenol
Concen: 90.742 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

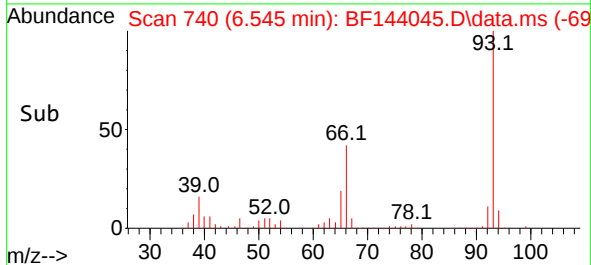
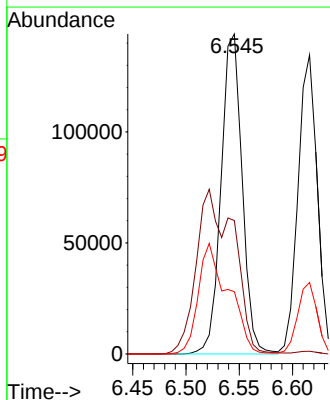
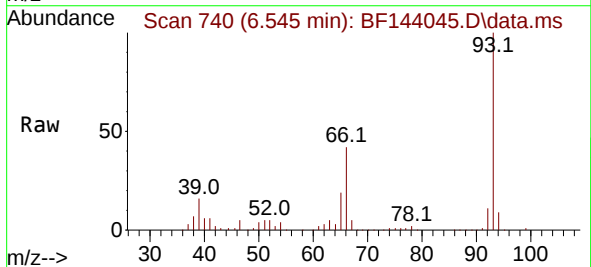
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

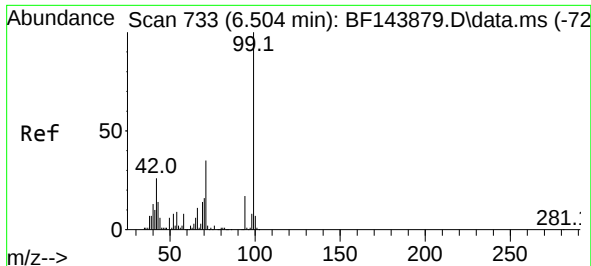
Tgt Ion:112 Resp: 326532
Ion Ratio Lower Upper
112 100
64 57.7 49.1 73.7
63 29.2 24.5 36.7



#6
Aniline
Concen: 30.845 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 93 Resp: 198249
Ion Ratio Lower Upper
93 100
66 41.7 33.0 49.6
65 19.4 15.8 23.8

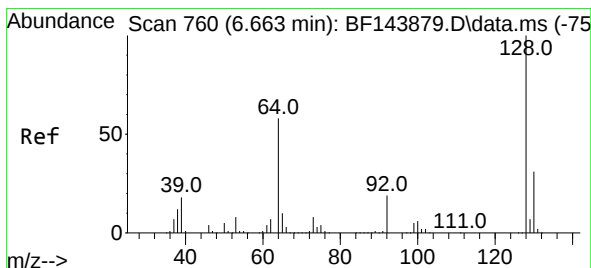
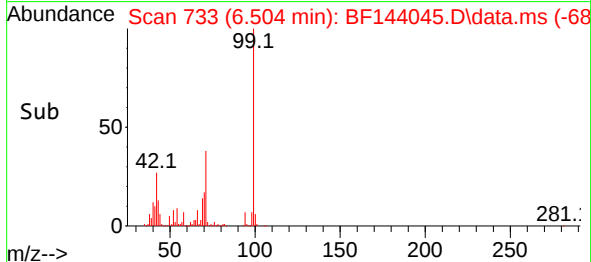
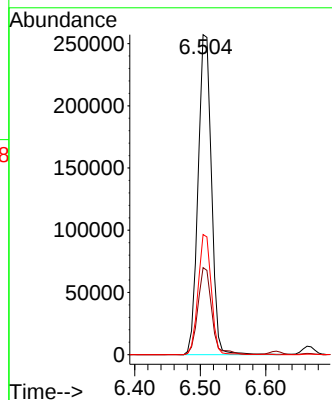
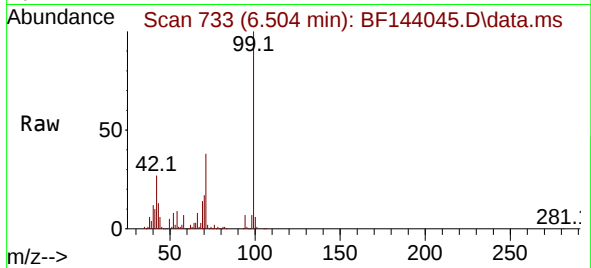




#7
Phenol-d6
Concen: 85.094 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

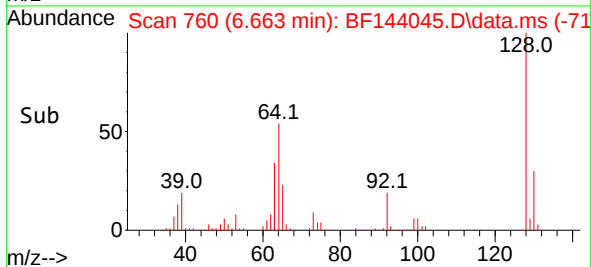
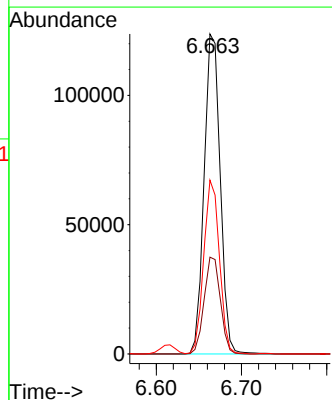
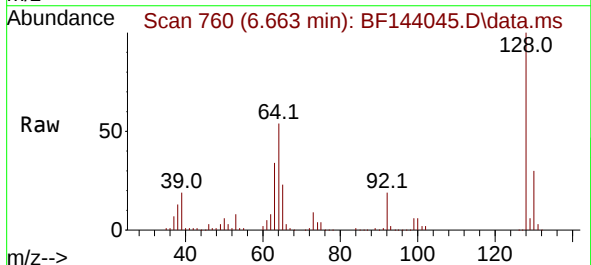
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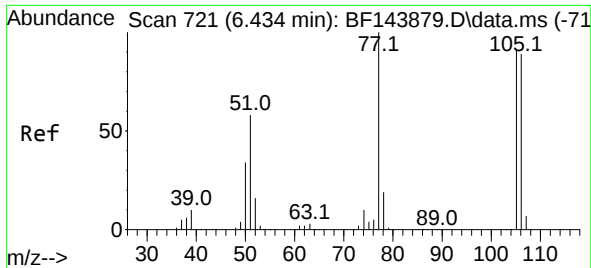
Tgt Ion: 99 Resp: 364985
Ion Ratio Lower Upper
99 100
42 27.2 21.0 31.4
71 37.5 27.8 41.8



#8
2-Chlorophenol
Concen: 46.191 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 128 Resp: 162475
Ion Ratio Lower Upper
128 100
130 30.2 10.7 50.7
64 54.3 39.0 79.0

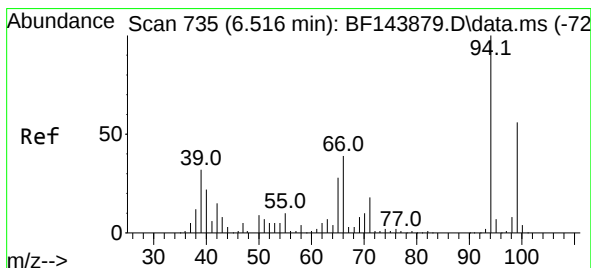
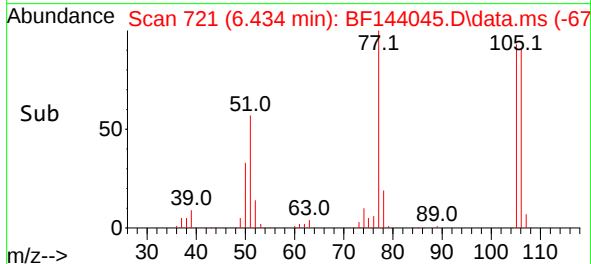
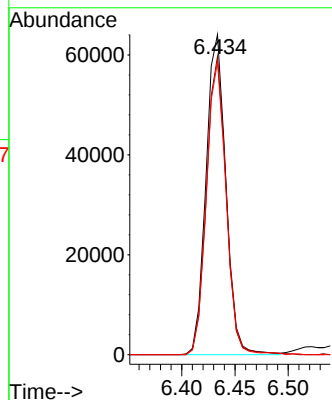
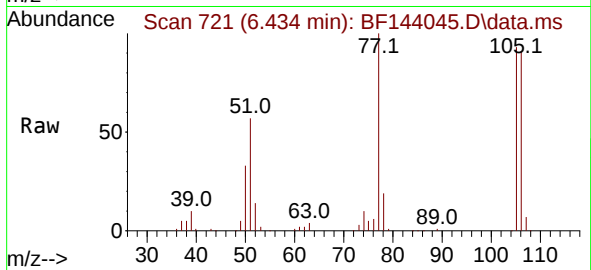




#9
Benzaldehyde
Concen: 25.003 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

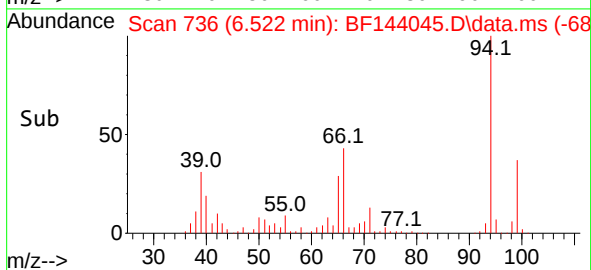
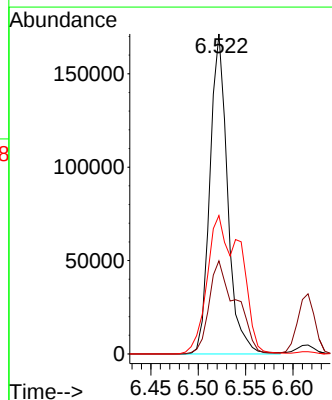
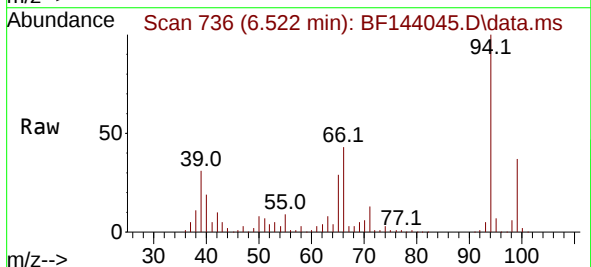
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

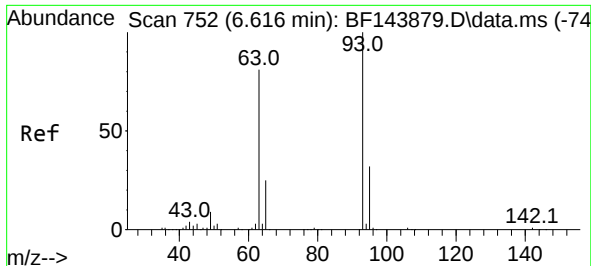
Tgt Ion: 77 Resp: 82729
Ion Ratio Lower Upper
77 100
105 93.2 70.9 110.9
106 91.5 68.9 108.9



#10
Phenol
Concen: 43.295 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 94 Resp: 222009
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 43.3 19.9 59.9

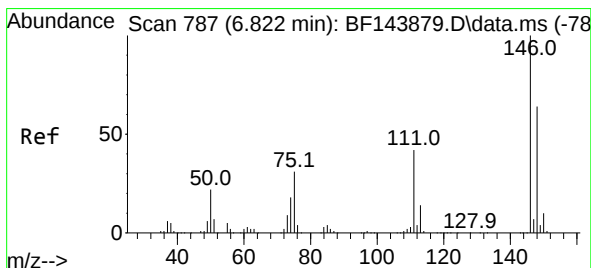
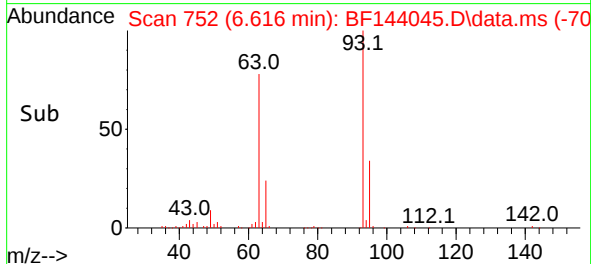
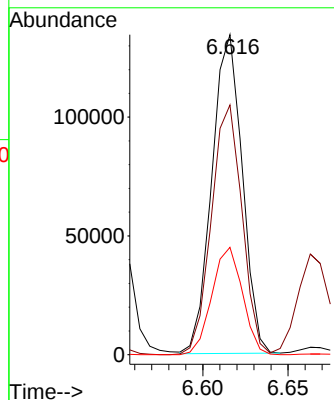
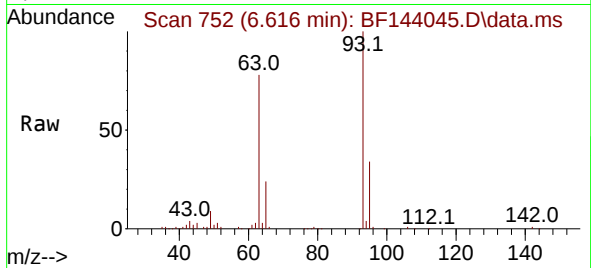




#11
bis(2-Chloroethyl)ether
Concen: 42.064 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

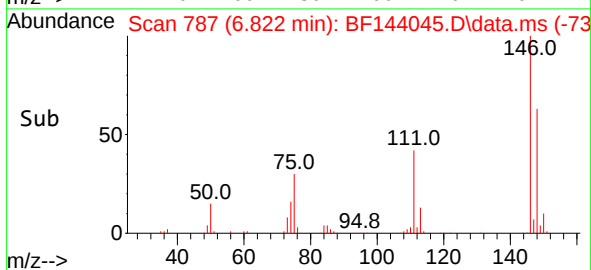
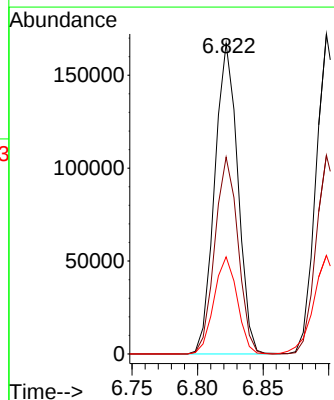
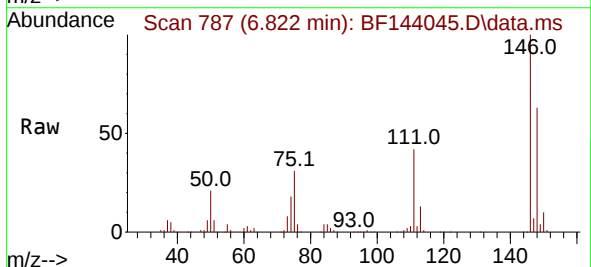
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

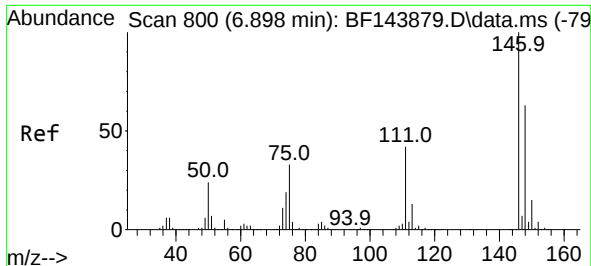
Tgt Ion: 93 Resp: 166623
Ion Ratio Lower Upper
93 100
63 78.1 60.9 100.9
95 33.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 48.620 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:146 Resp: 204716
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 31.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 51.028 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

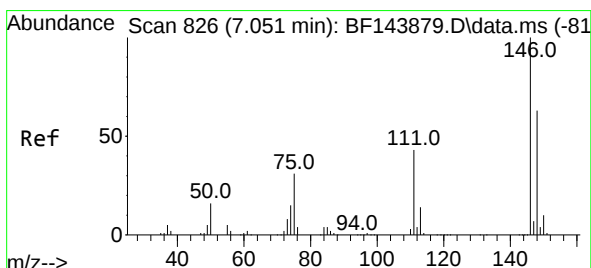
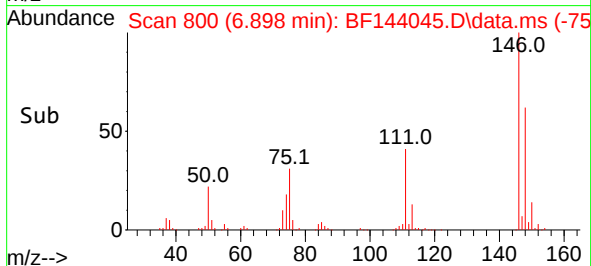
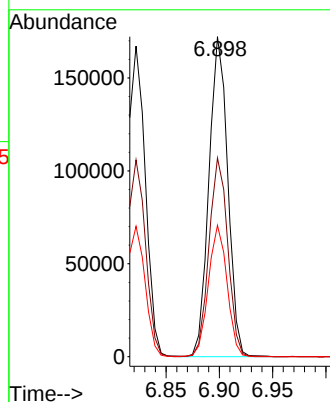
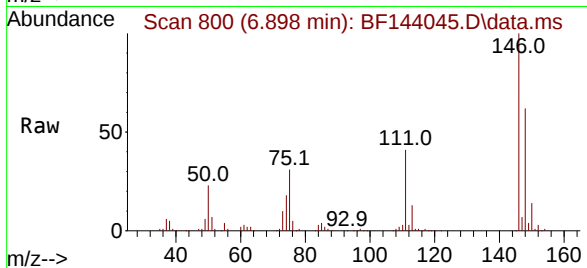
Tgt Ion:146 Resp: 211934

Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

111 41.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 49.354 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

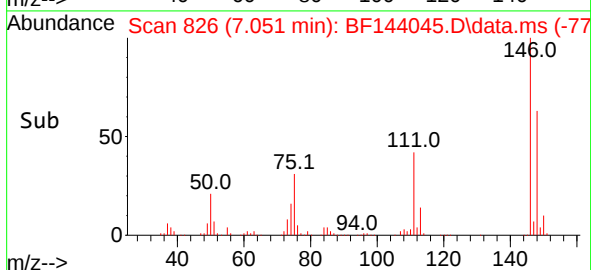
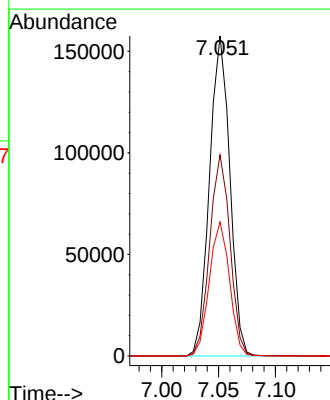
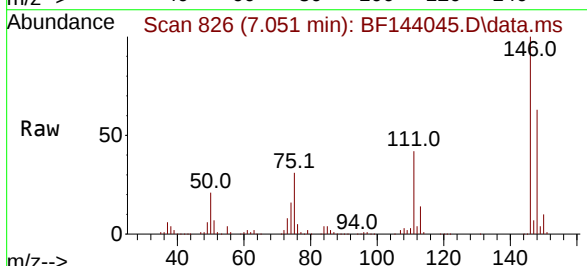
Tgt Ion:146 Resp: 196340

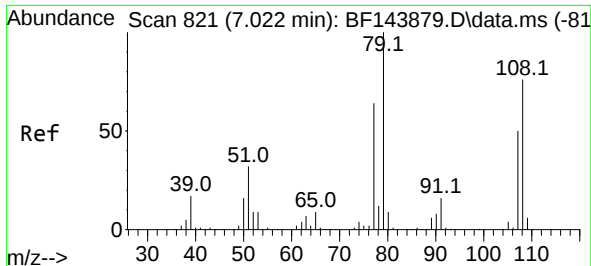
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 41.9 34.6 51.8

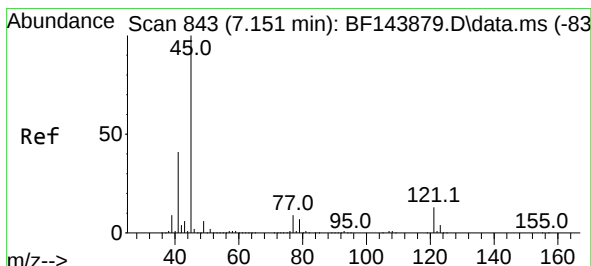
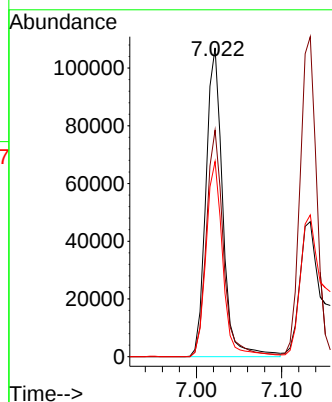
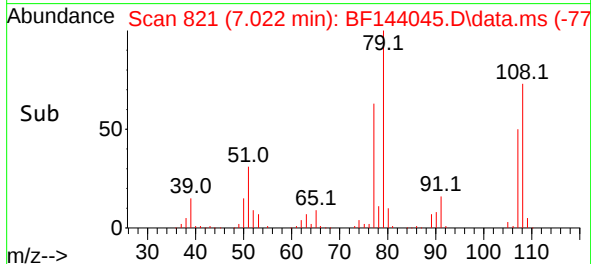
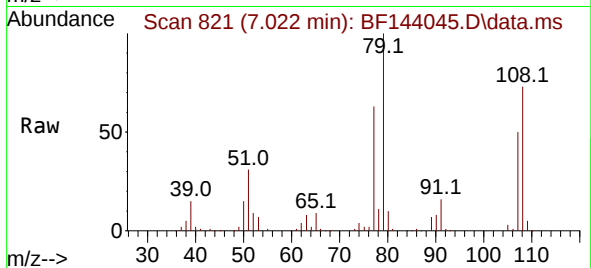




#15
Benzyl Alcohol
Concen: 45.532 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

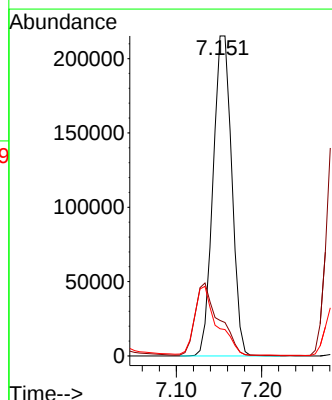
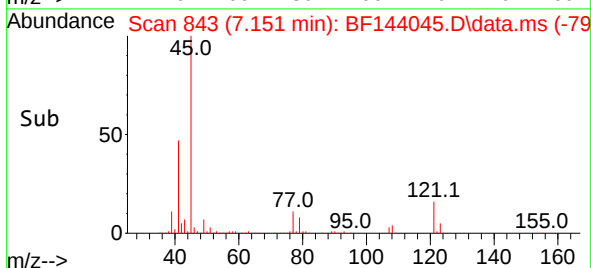
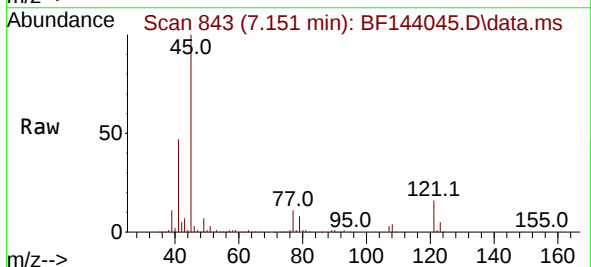
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

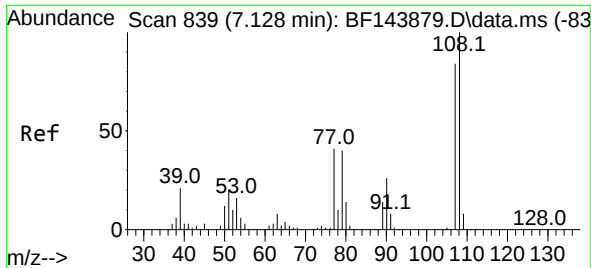
Tgt Ion: 79 Resp: 146326
Ion Ratio Lower Upper
79 100
108 73.4 60.8 91.2
77 63.2 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.307 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 45 Resp: 327359
Ion Ratio Lower Upper
45 100
77 11.1 0.0 29.0
79 8.5 0.0 26.8

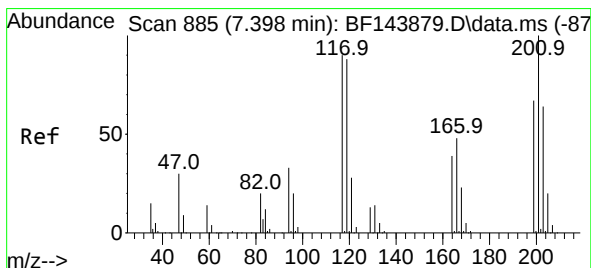
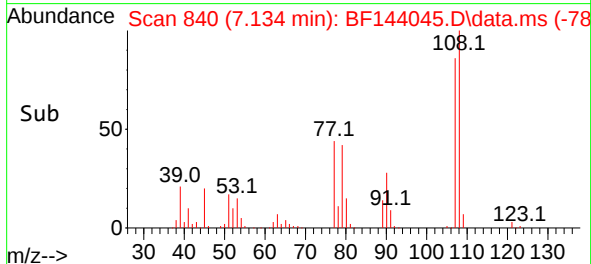
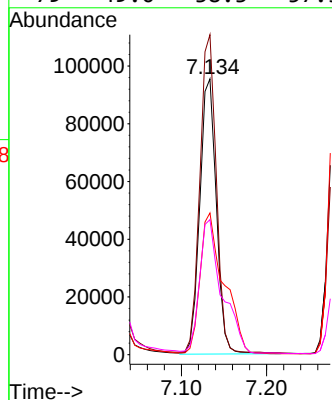
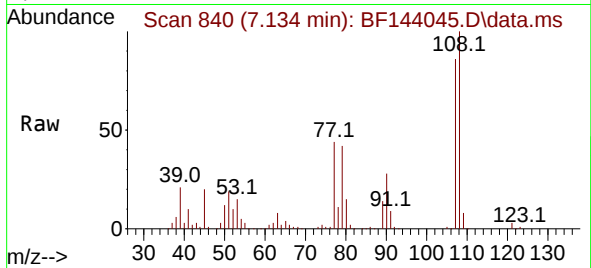




#17
2-Methylphenol
Concen: 44.175 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

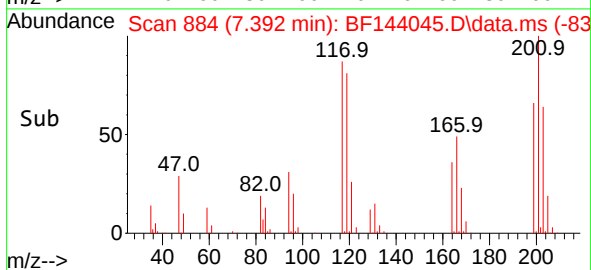
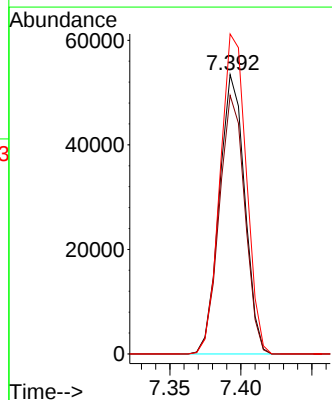
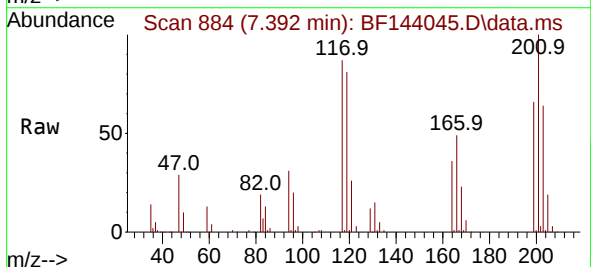
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

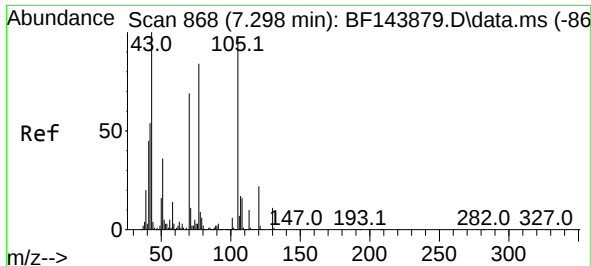
Tgt Ion:107 Resp: 128416
Ion Ratio Lower Upper
107 100
108 116.0 94.7 142.1
77 51.4 38.8 58.2
79 49.0 38.3 57.5



#18
Hexachloroethane
Concen: 48.125 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:117 Resp: 66658
Ion Ratio Lower Upper
117 100
119 92.6 77.8 116.8
201 114.6 88.5 132.7

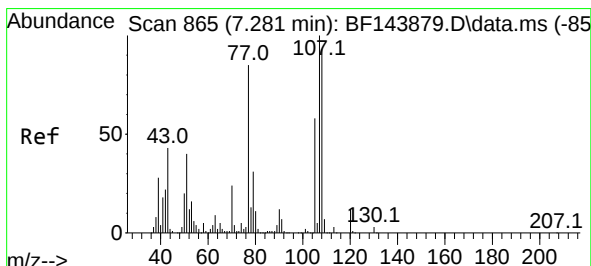
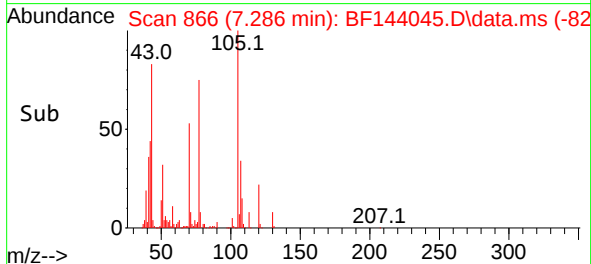
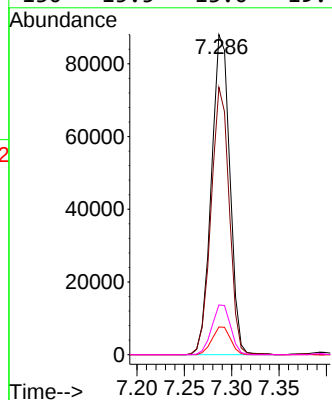
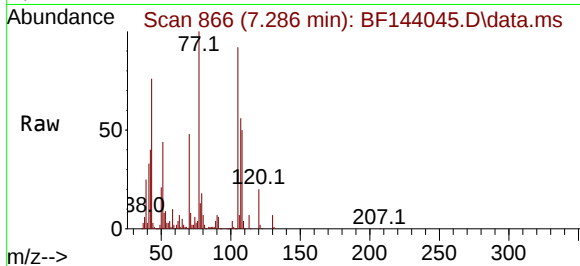




#19
n-Nitroso-di-n-propylamine
Concen: 40.573 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

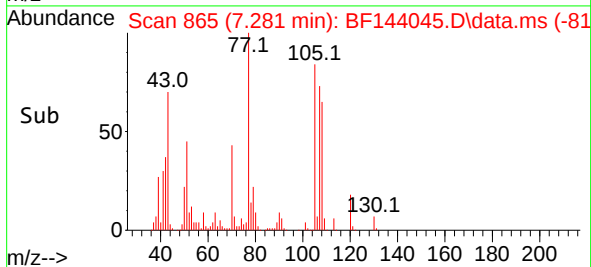
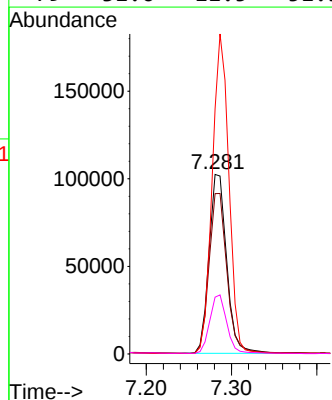
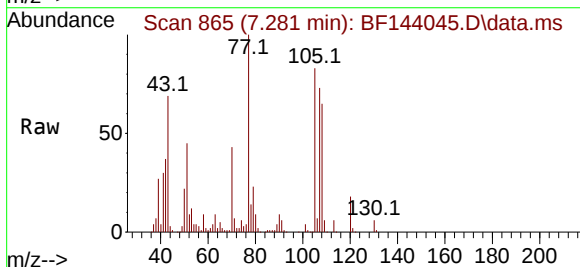
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

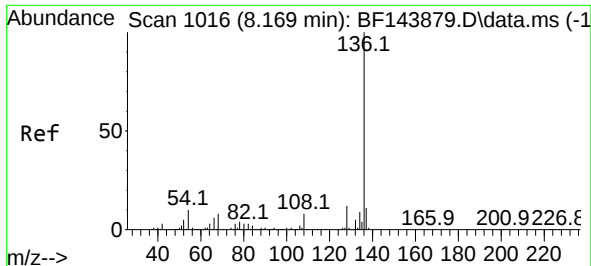
Tgt Ion: 70 Resp: 119120
Ion Ratio Lower Upper
70 100
42 83.5 62.8 94.2
101 8.6 6.7 10.1
130 15.5 13.0 19.4



#20
3+4-Methylphenols
Concen: 43.655 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 147081
Ion Ratio Lower Upper
107 100
108 89.3 73.0 113.0
77 136.5 64.6 104.6#
79 31.6 11.5 51.5

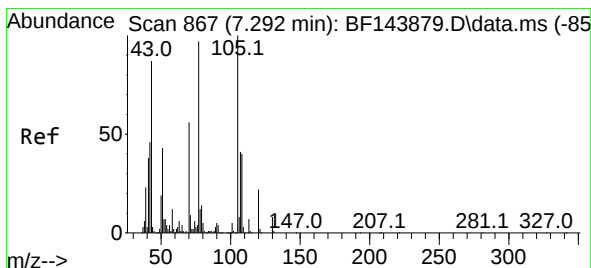
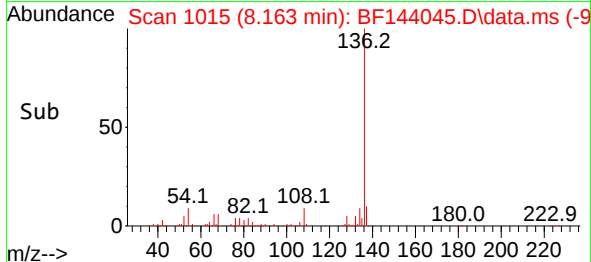
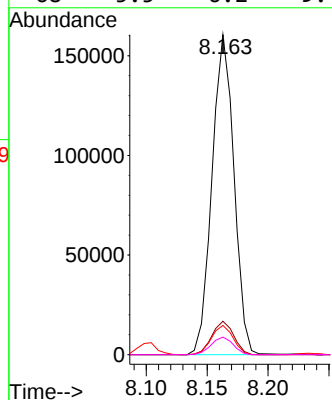
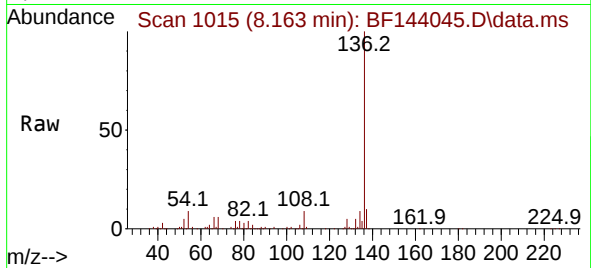




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

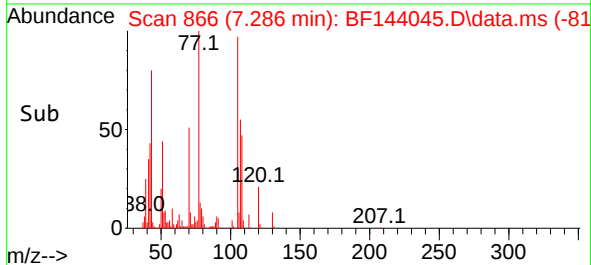
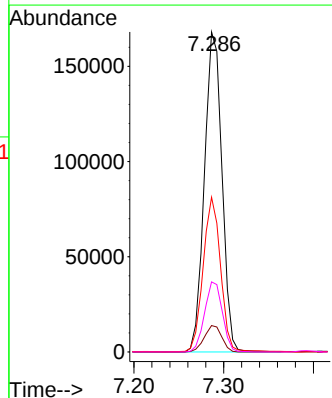
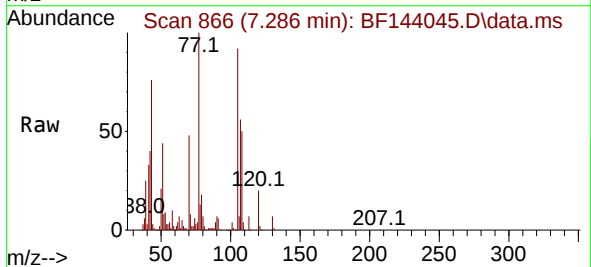
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

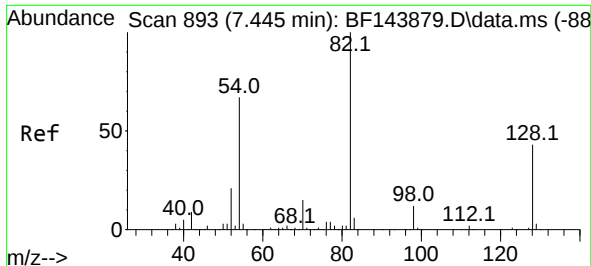
Tgt Ion:136 Resp: 201418
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.2 8.2 12.4
68 5.5 6.2 9.4#



#22
Acetophenone
Concen: 53.660 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:105 Resp: 228530
Ion Ratio Lower Upper
105 100
71 8.3 7.4 11.0
51 48.3 34.2 51.4
120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 66.465 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

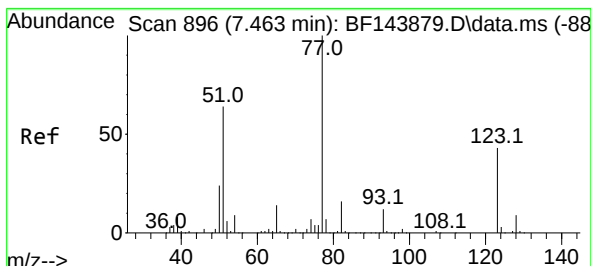
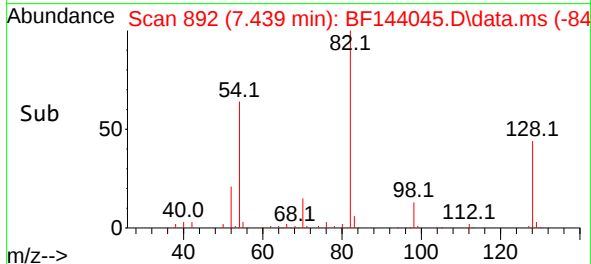
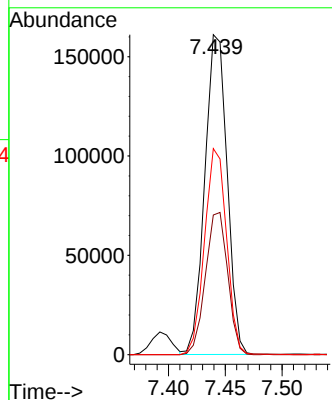
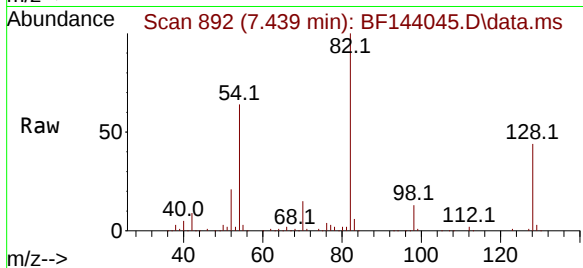
Tgt Ion: 82 Resp: 220349

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 64.4 53.2 79.8



#24

Nitrobenzene

Concen: 48.944 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

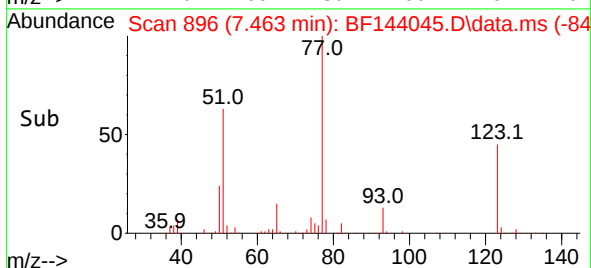
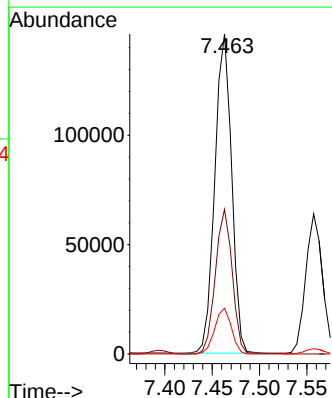
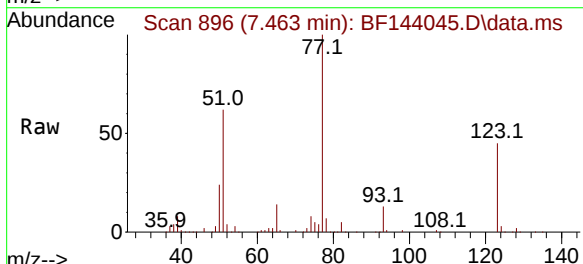
Tgt Ion: 77 Resp: 180195

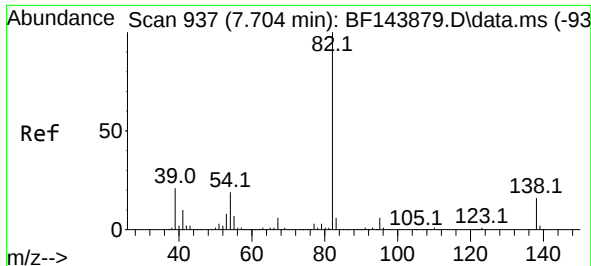
Ion Ratio Lower Upper

77 100

123 45.2 34.2 51.4

65 14.3 11.0 16.6

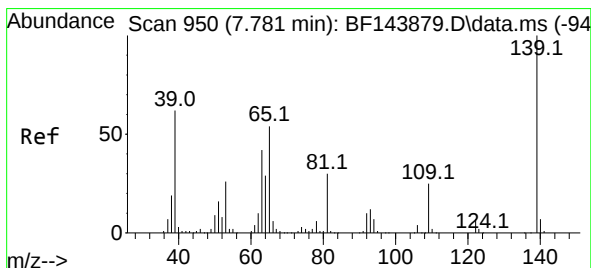
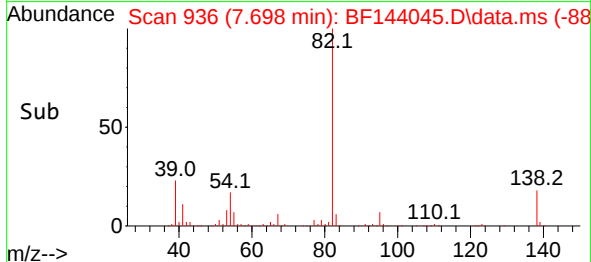
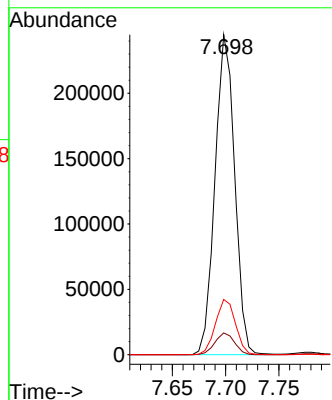
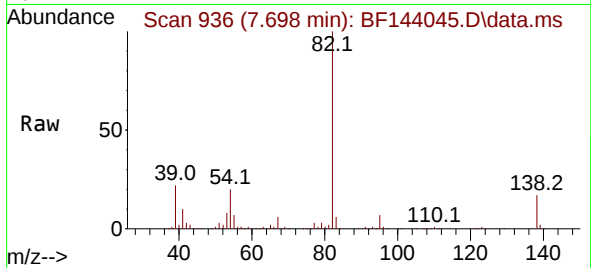




#25
Isophorone
Concen: 45.004 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

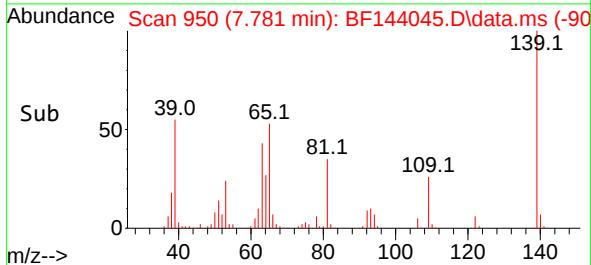
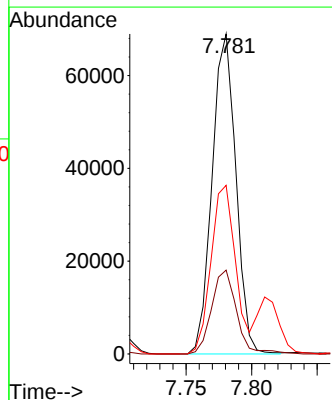
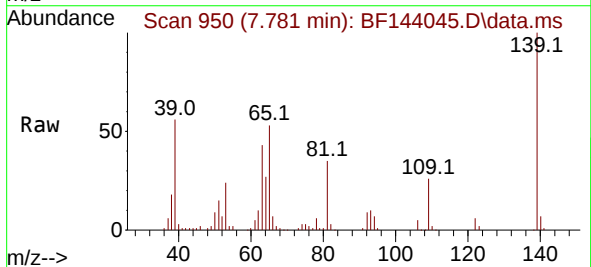
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

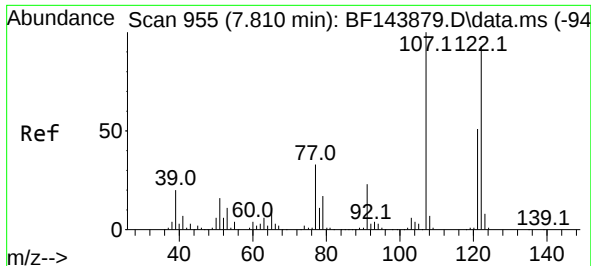
Tgt Ion: 82 Resp: 314598
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 55.085 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:139 Resp: 86948
Ion Ratio Lower Upper
139 100
109 26.2 19.8 29.6
65 52.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 51.334 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144045.D

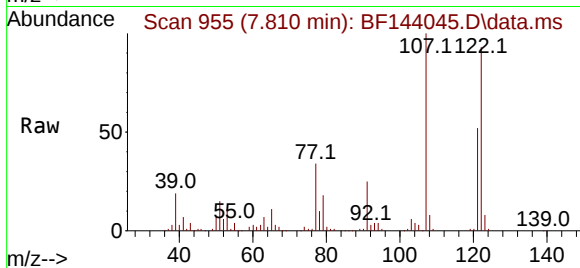
Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS



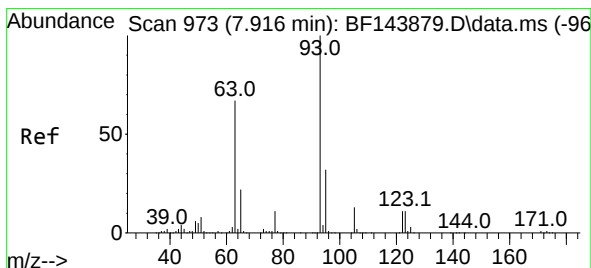
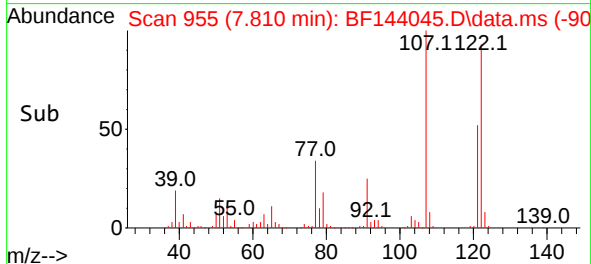
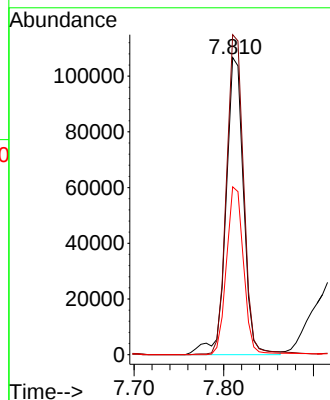
Tgt Ion:122 Resp: 145756

Ion Ratio Lower Upper

122 100

107 107.7 86.1 129.1

121 56.5 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.746 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

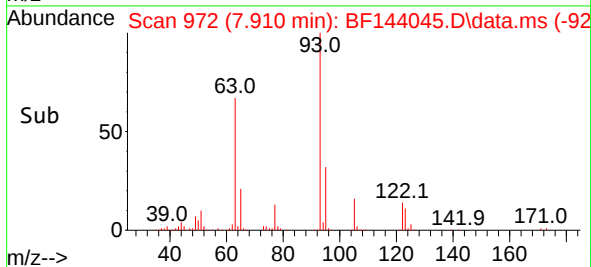
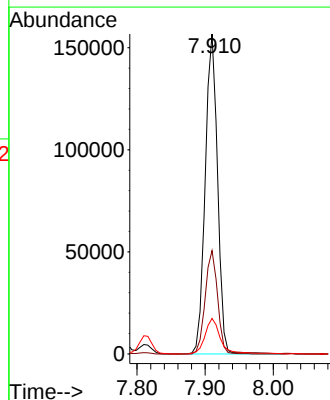
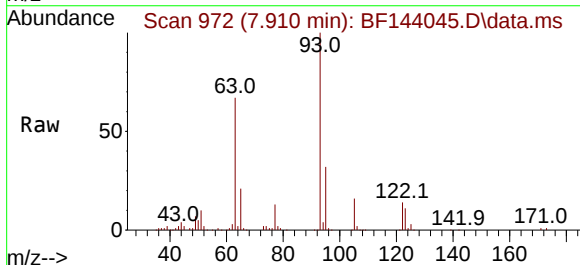
Tgt Ion: 93 Resp: 197585

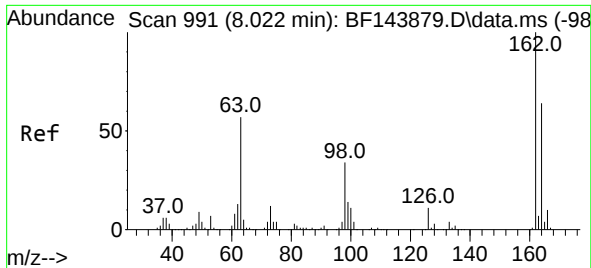
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.894 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144045.D

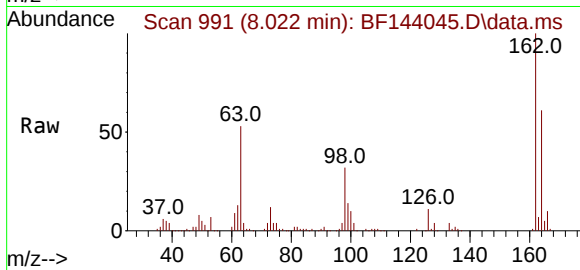
Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS



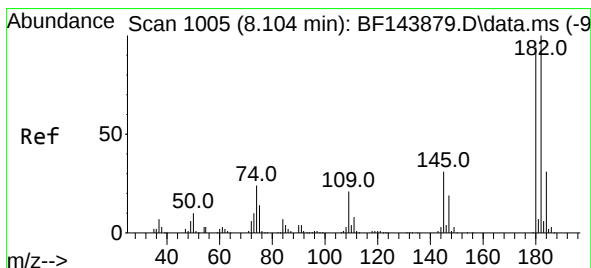
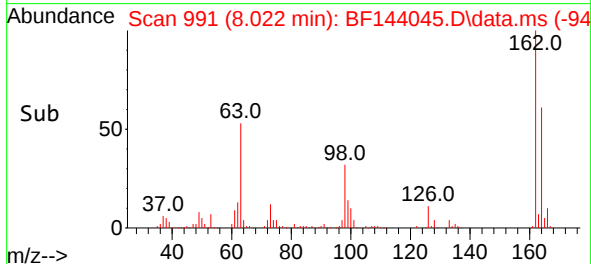
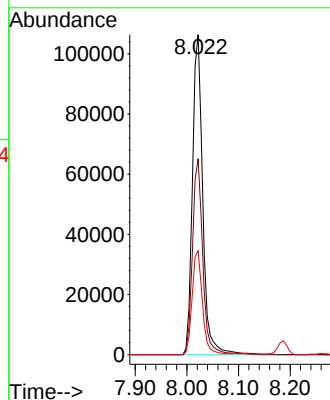
Tgt Ion:162 Resp: 147567

Ion Ratio Lower Upper

162 100

164 61.2 43.9 83.9

98 32.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 53.285 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

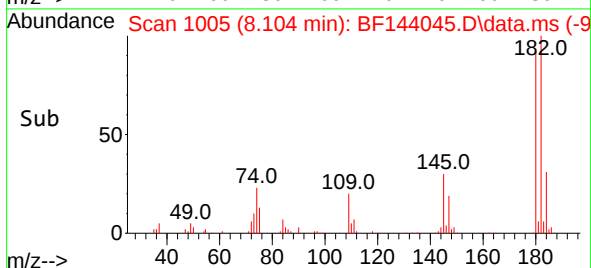
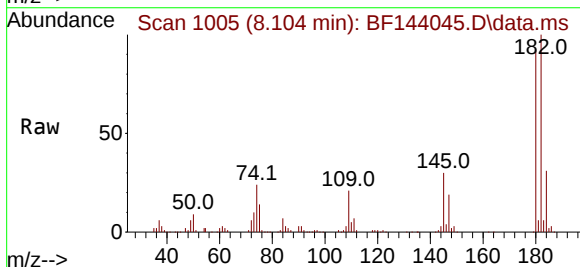
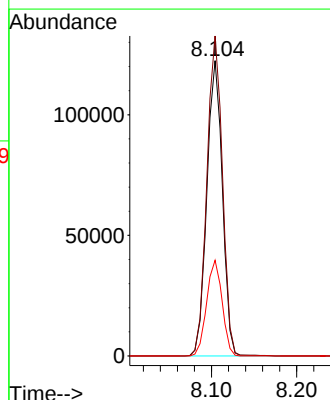
Tgt Ion:180 Resp: 154993

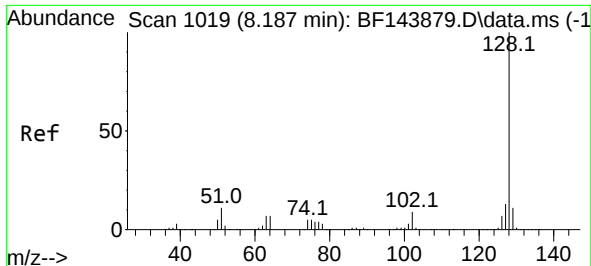
Ion Ratio Lower Upper

180 100

182 108.3 85.4 128.0

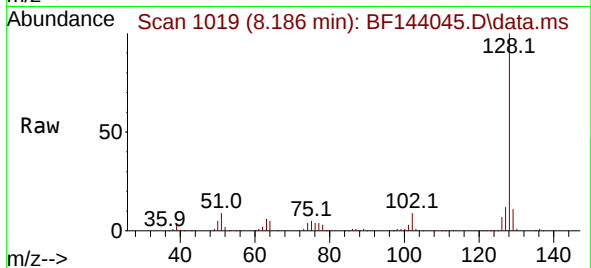
145 32.4 26.3 39.5



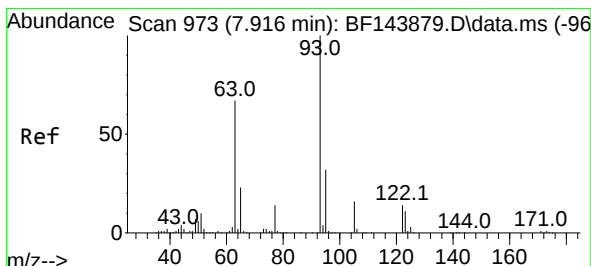
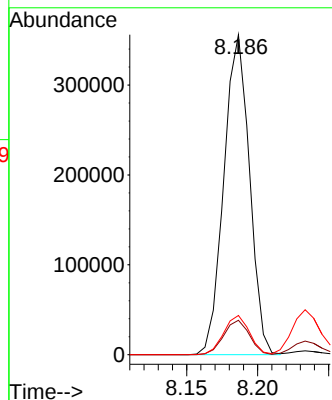
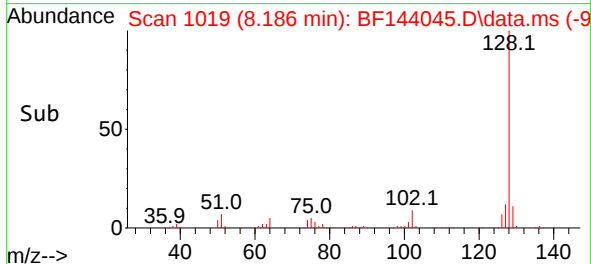


#31
Naphthalene
Concen: 48.772 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

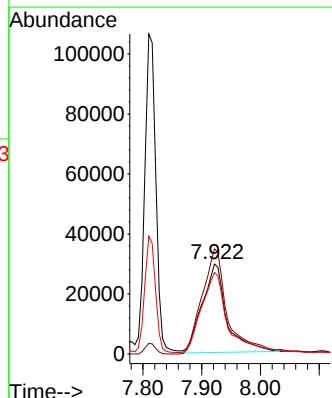
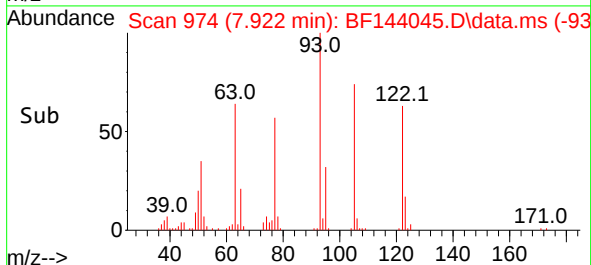
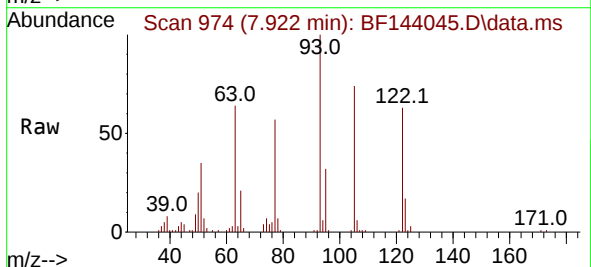


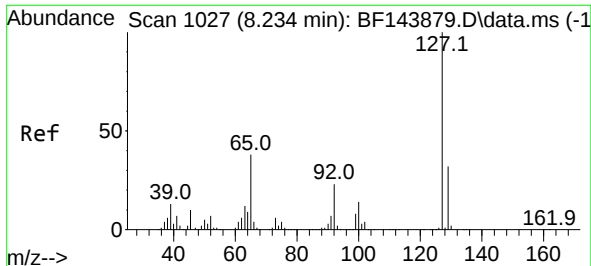
Tgt Ion:128 Resp: 446863
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.2 10.0 15.0



#32
Benzoic acid
Concen: 43.621 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:122 Resp: 85718
Ion Ratio Lower Upper
122 100
105 117.1 93.5 133.5
77 90.7 76.3 116.3

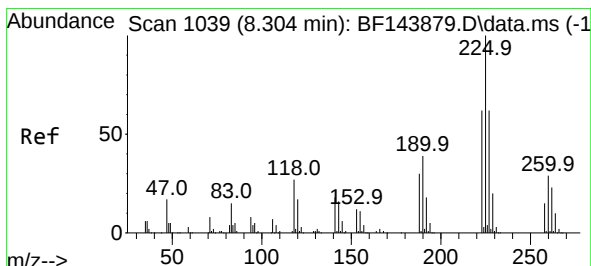
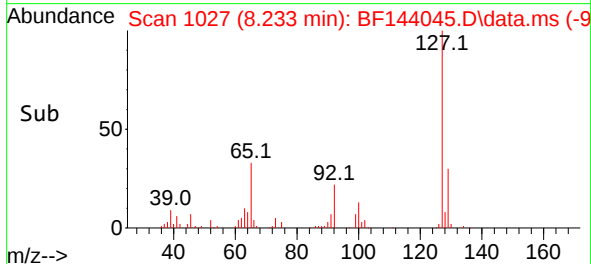
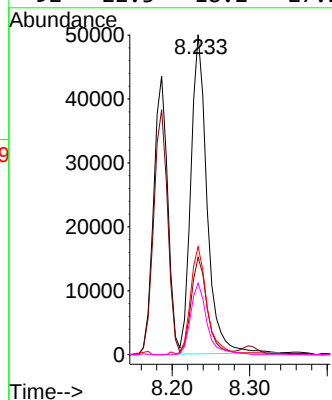
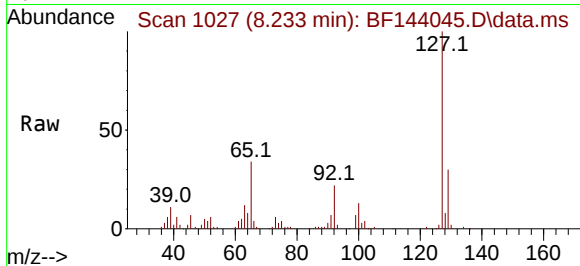




#33
4-Chloroaniline
Concen: 20.991 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

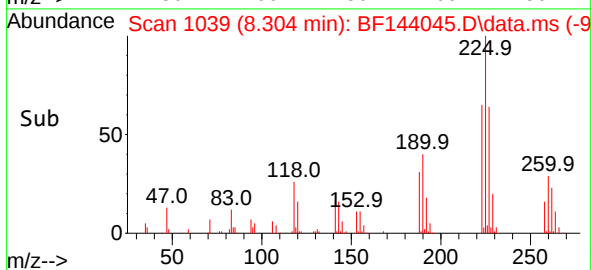
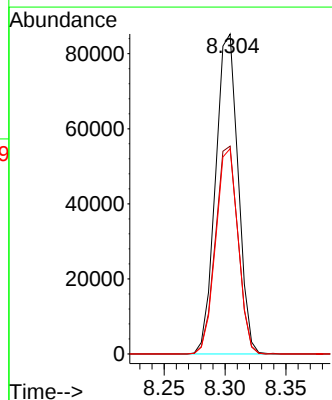
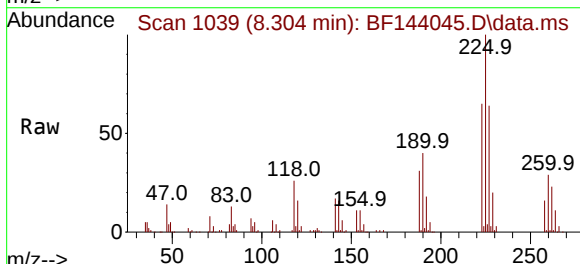
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

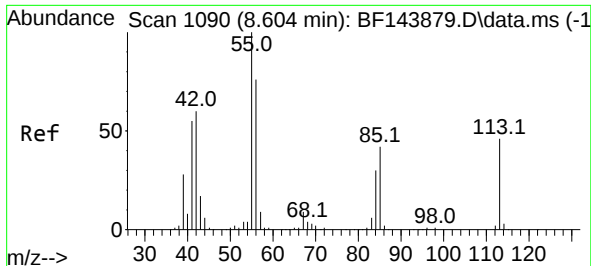
Tgt Ion:	127	Resp:	72133
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.8	38.8
65	33.7	30.0	45.0
92	22.3	18.2	27.2



#34
Hexachlorobutadiene
Concen: 54.205 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:	225	Resp:	109564
Ion Ratio	Lower	Upper	
225	100		
223	65.0	49.4	74.2
227	64.1	49.7	74.5

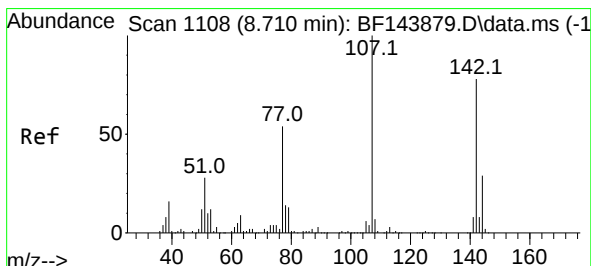
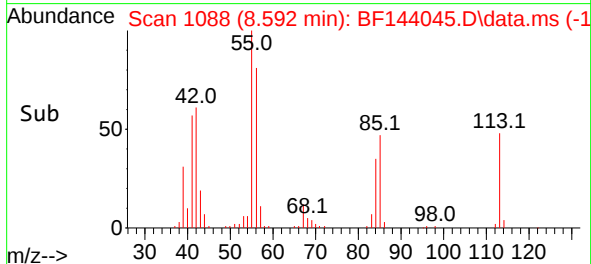
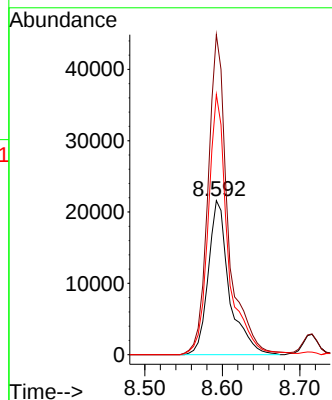
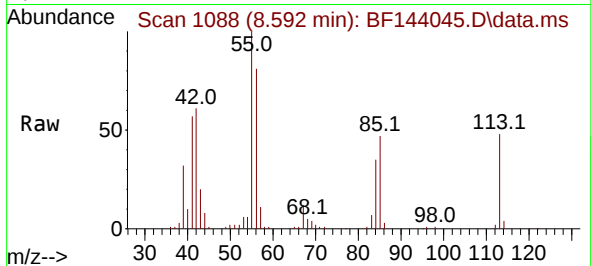




#35
Caprolactam
Concen: 43.381 ng
RT: 8.592 min Scan# 1109
Delta R.T. -0.053 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

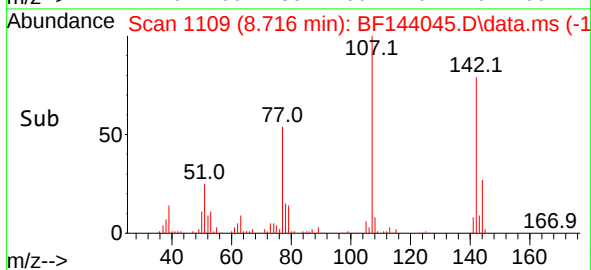
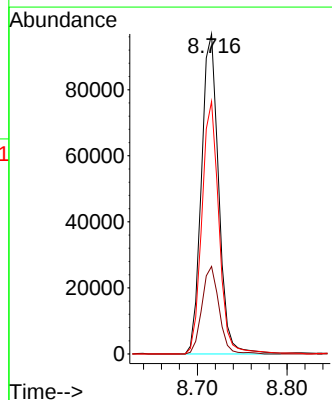
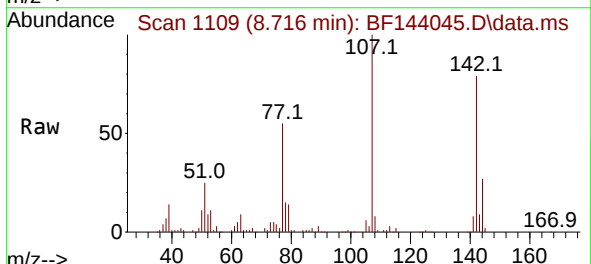
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

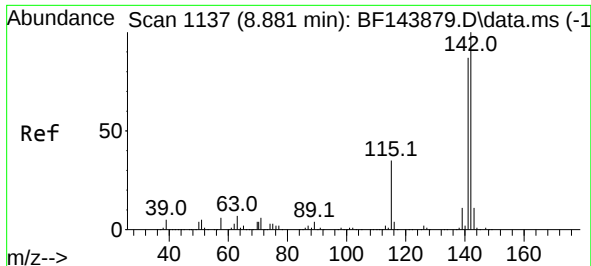
Tgt Ion:113 Resp: 40795
Ion Ratio Lower Upper
113 100
55 207.7 199.6 239.6
56 168.8 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 45.419 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 129035
Ion Ratio Lower Upper
107 100
144 27.4 23.1 34.7
142 78.9 62.6 94.0

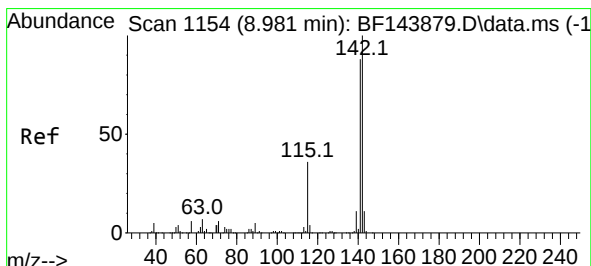
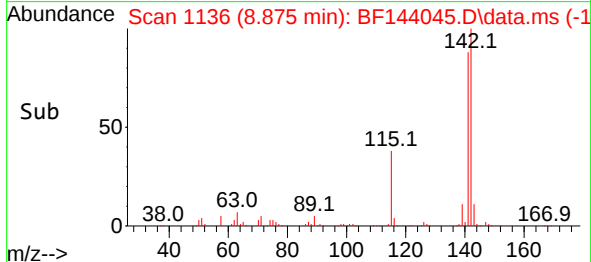
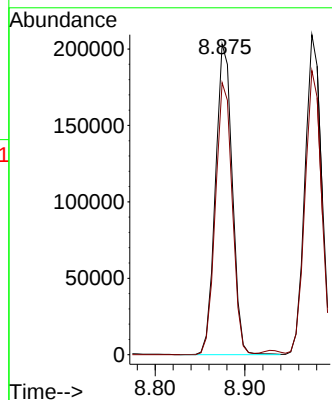
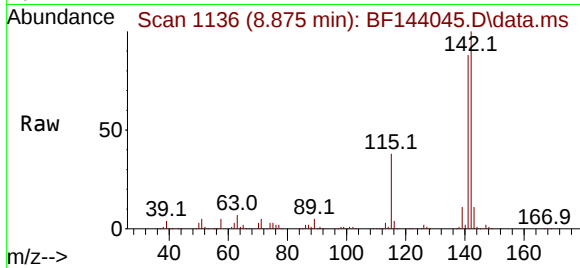




#37
2-Methylnaphthalene
Concen: 43.377 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

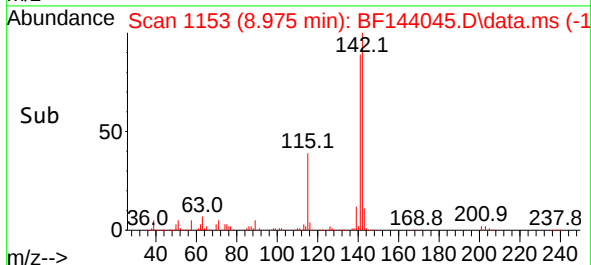
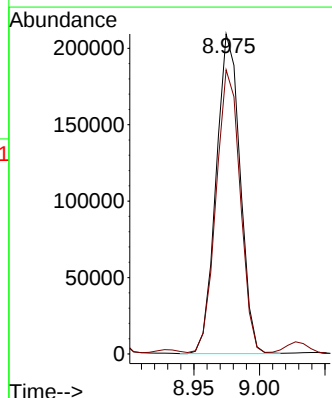
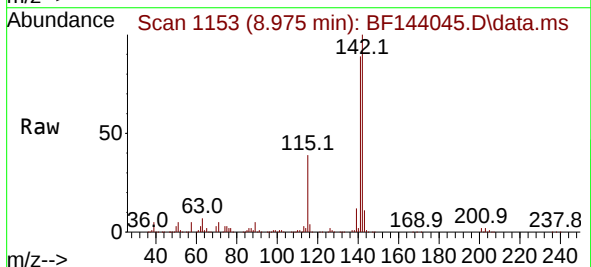
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

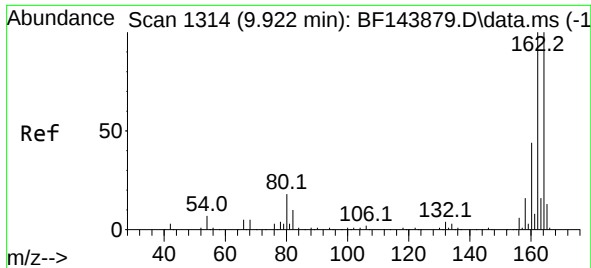
Tgt Ion:142 Resp: 264741
Ion Ratio Lower Upper
142 100
141 87.6 69.2 103.8



#38
1-Methylnaphthalene
Concen: 44.799 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

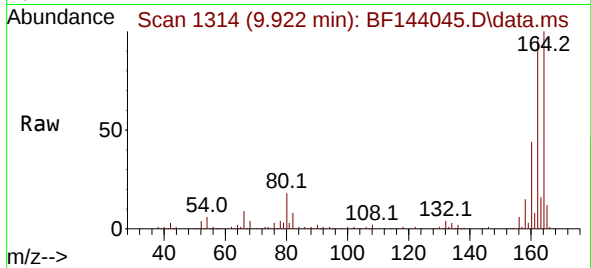
Tgt Ion:142 Resp: 265211
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2



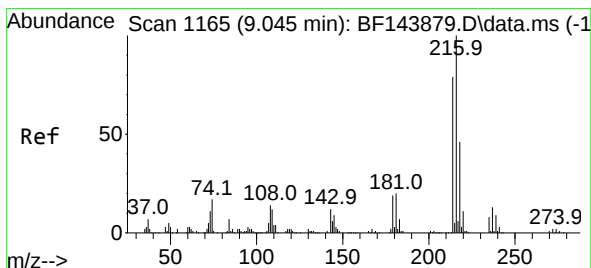
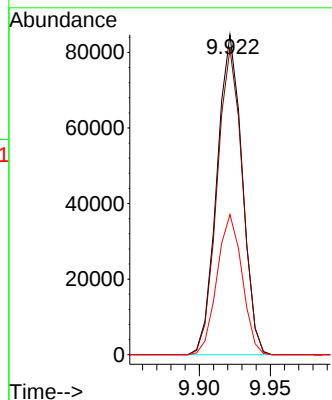
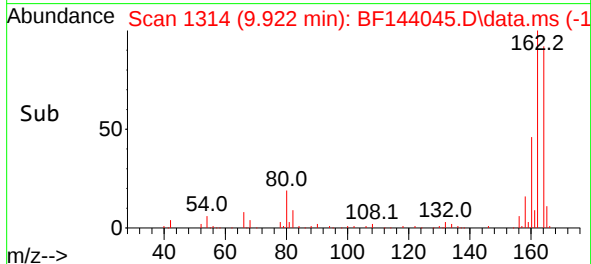


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

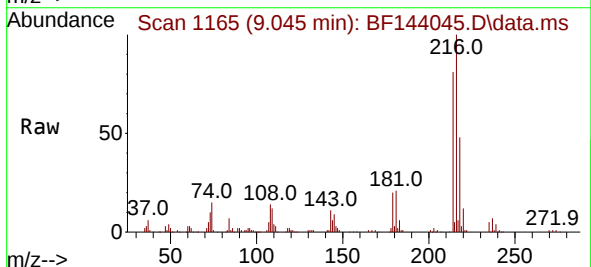
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS



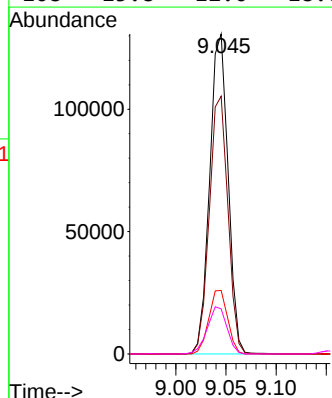
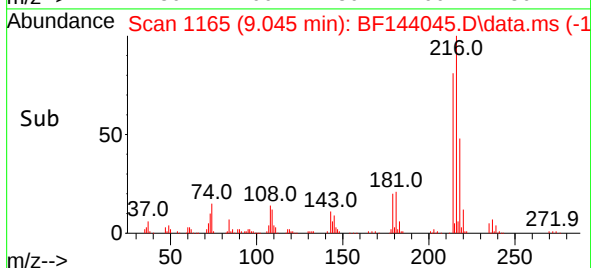
Tgt Ion:164 Resp: 104489
Ion Ratio Lower Upper
164 100
162 95.6 80.2 120.2
160 43.8 35.4 53.0

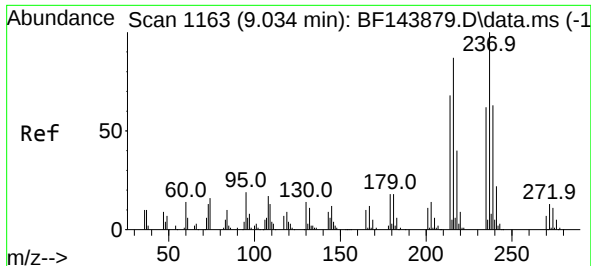


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.841 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48



Tgt Ion:216 Resp: 167040
Ion Ratio Lower Upper
216 100
214 81.4 62.6 94.0
179 20.3 15.4 23.0
108 15.8 12.0 18.0

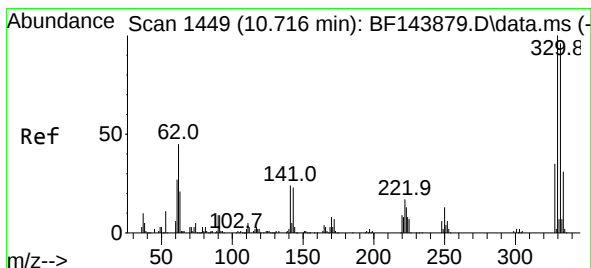
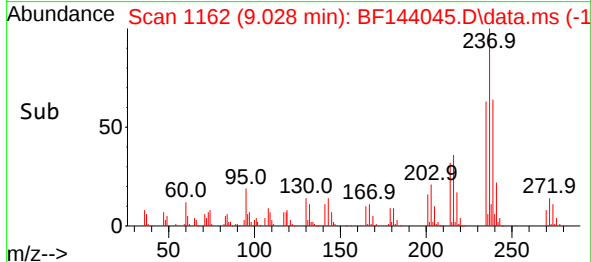
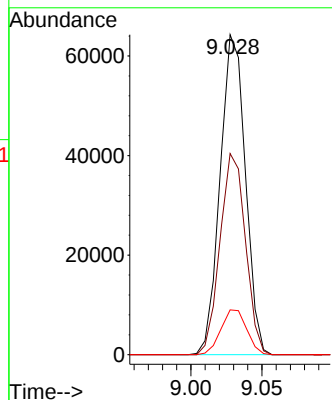
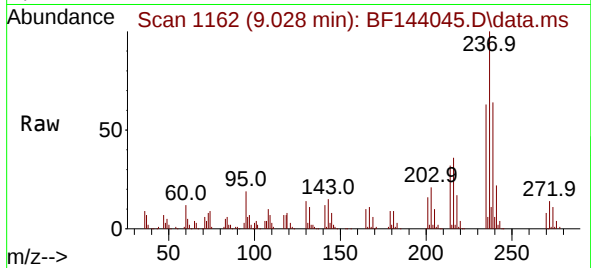




#41
 Hexachlorocyclopentadiene
 Concen: 66.354 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

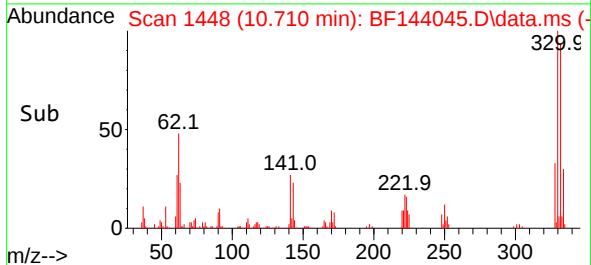
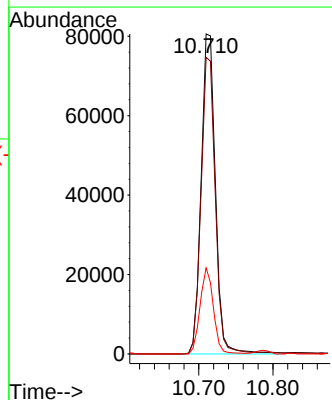
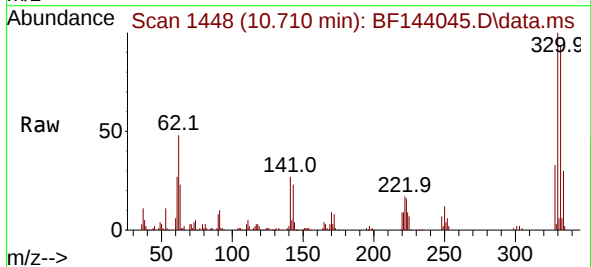
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

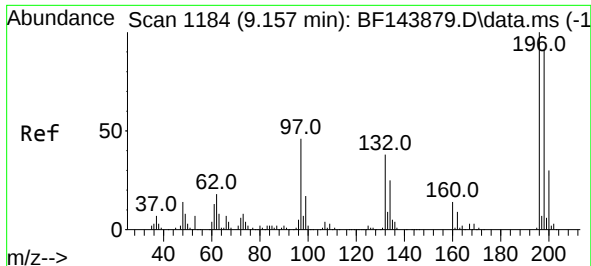
Tgt Ion:237 Resp: 79498
 Ion Ratio Lower Upper
 237 100
 235 62.9 42.3 82.3
 272 14.0 0.0 33.1



#42
 2,4,6-Tribromophenol
 Concen: 104.008 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.012 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

Tgt Ion:330 Resp: 108244
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.9 115.3
 141 25.1 20.2 30.4

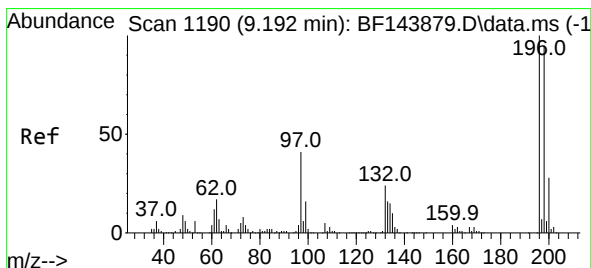
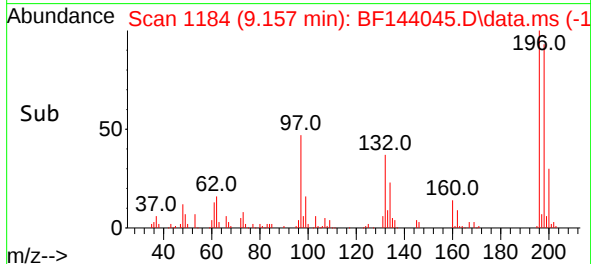
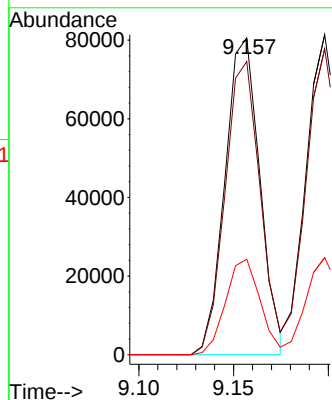
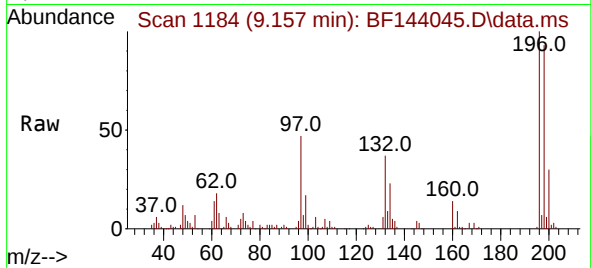




#43
2,4,6-Trichlorophenol
Concen: 48.861 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

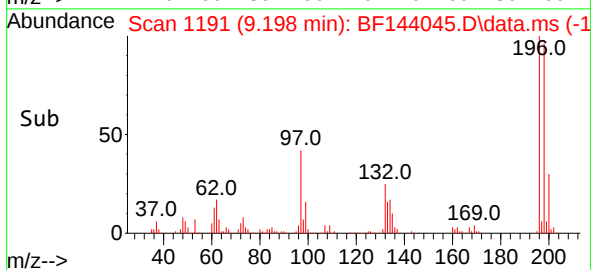
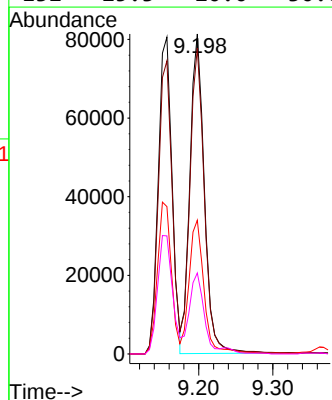
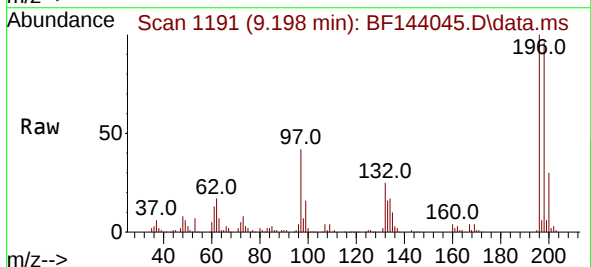
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

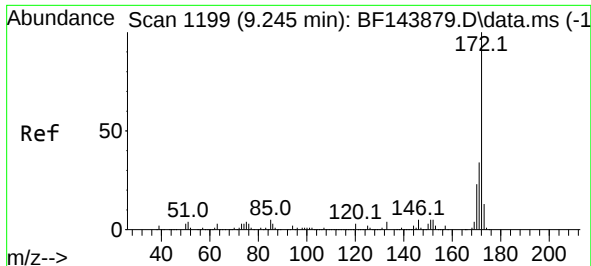
Tgt Ion:196 Resp: 103102
Ion Ratio Lower Upper
196 100
198 92.5 72.8 109.2
200 30.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.598 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:196 Resp: 110597
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
97 41.8 33.9 50.9
132 25.3 20.0 30.0

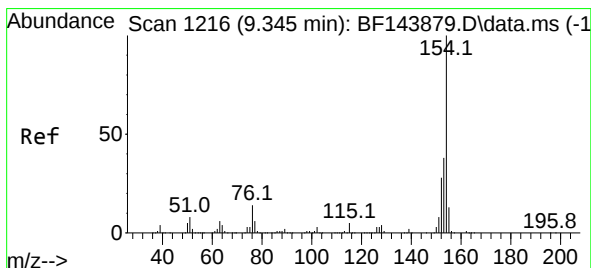
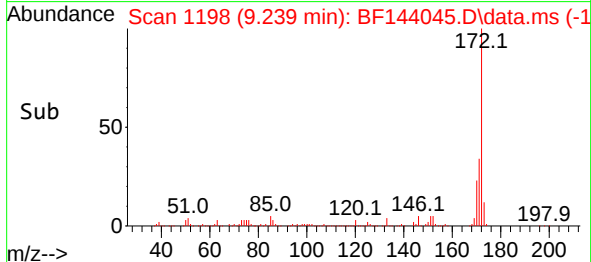
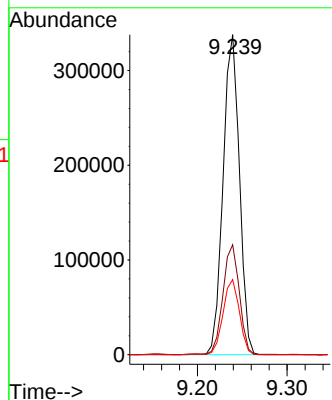
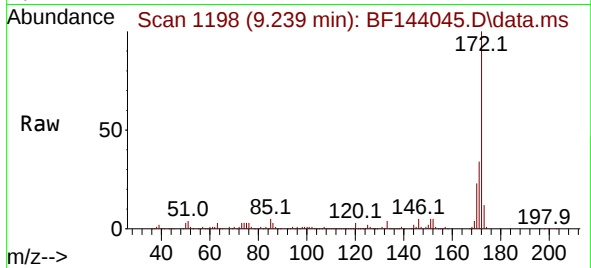




#45
2-Fluorobiphenyl
Concen: 64.849 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

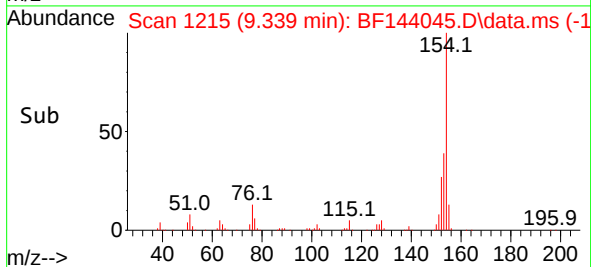
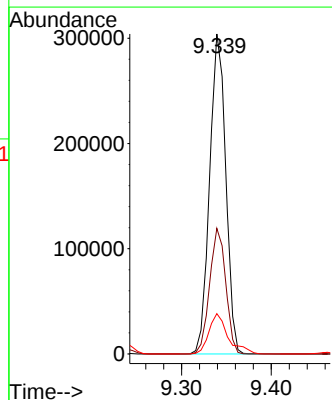
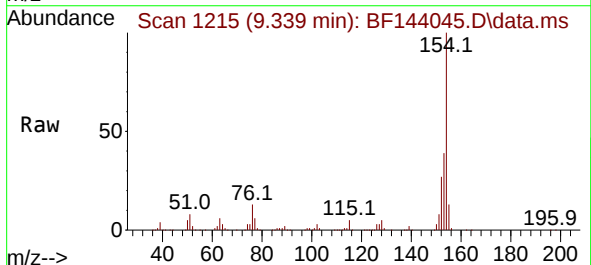
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

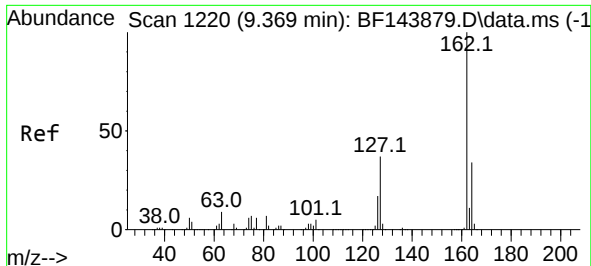
Tgt Ion:172 Resp: 427039
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 54.816 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:154 Resp: 379219
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 12.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.473 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

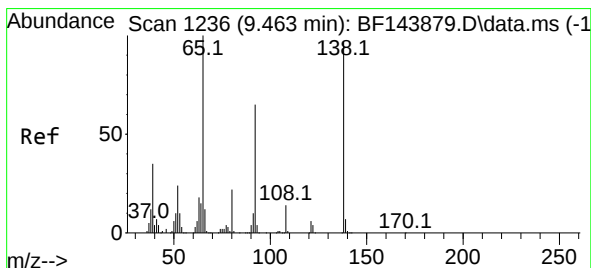
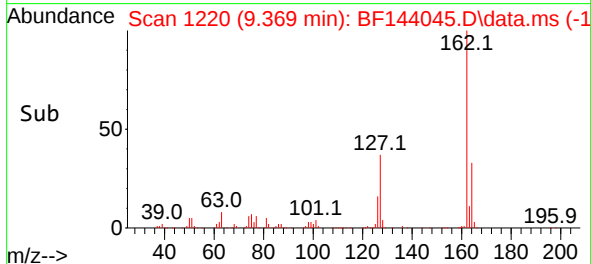
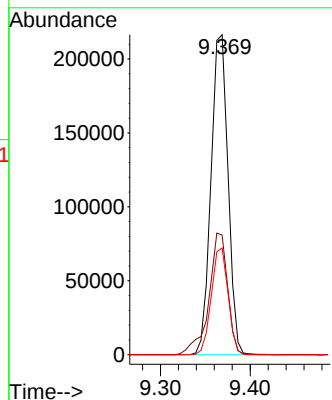
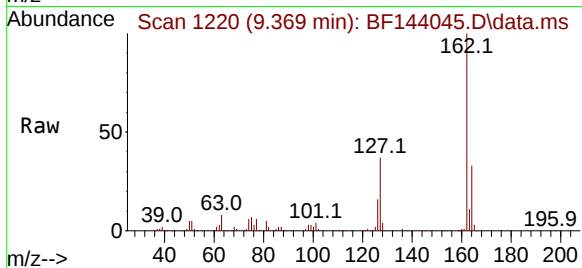
Tgt Ion:162 Resp: 285360

Ion Ratio Lower Upper

162 100

127 37.4 30.2 45.2

164 33.4 26.9 40.3



#48

2-Nitroaniline

Concen: 48.317 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

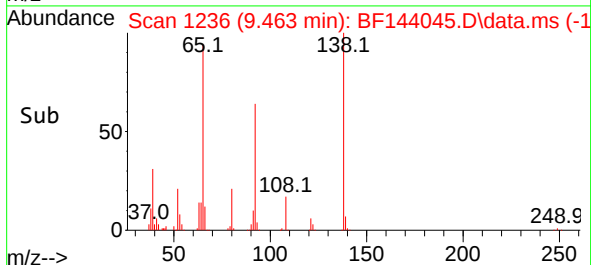
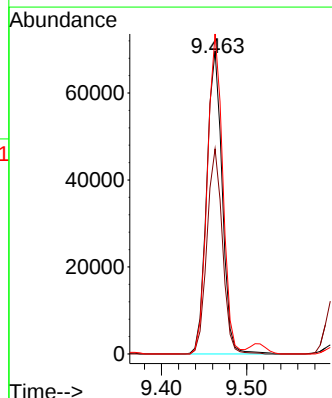
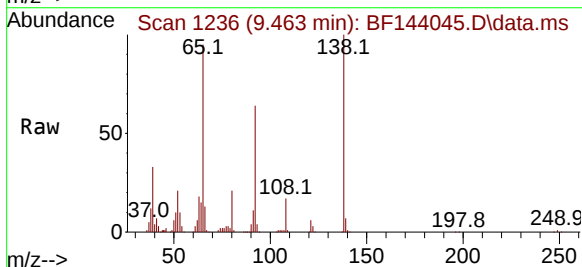
Tgt Ion: 65 Resp: 88111

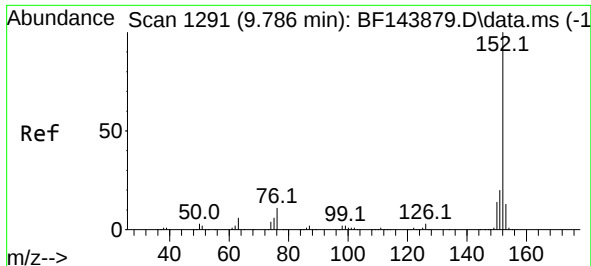
Ion Ratio Lower Upper

65 100

92 67.7 52.1 78.1

138 105.6 77.4 116.2





#49

Acenaphthylene

Concen: 54.086 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144045.D

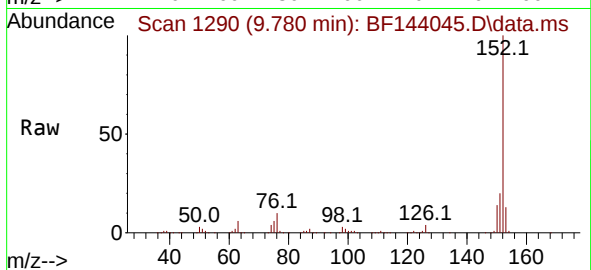
Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS



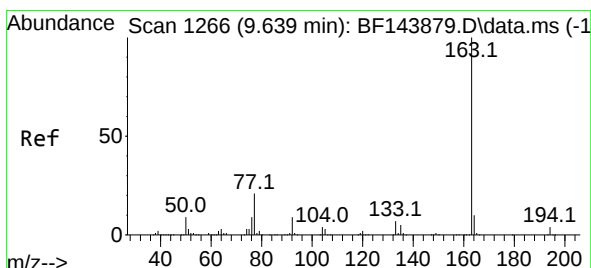
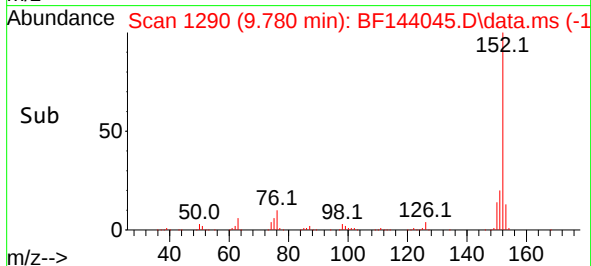
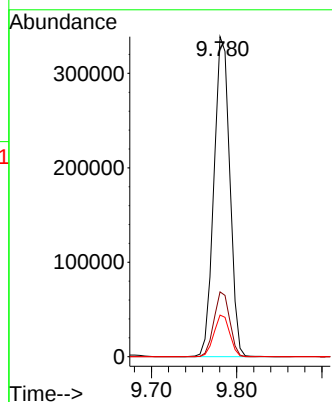
Tgt Ion:152 Resp: 438583

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 48.780 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

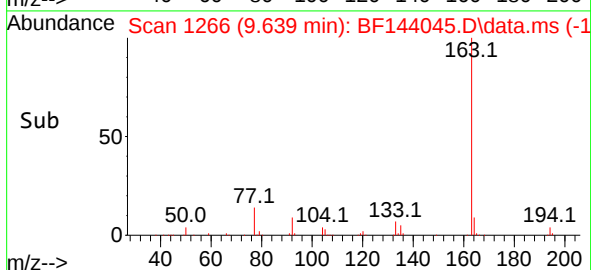
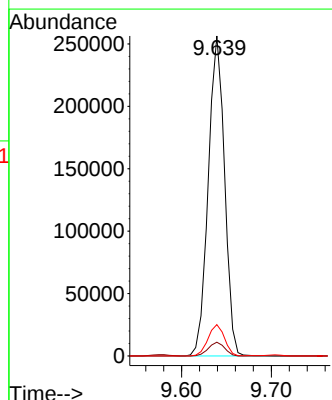
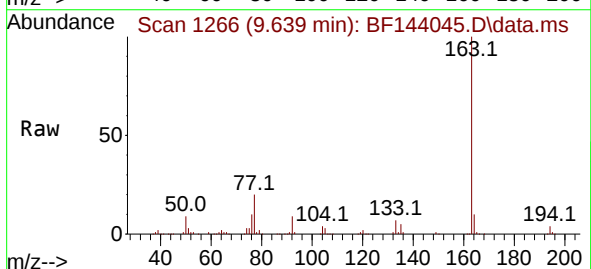
Tgt Ion:163 Resp: 323677

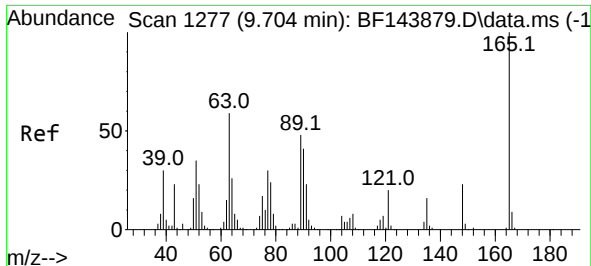
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 57.022 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

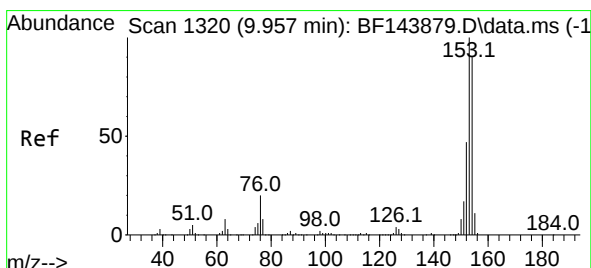
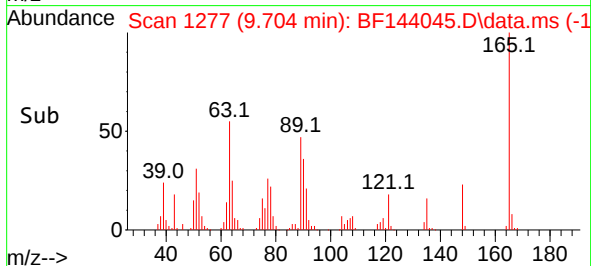
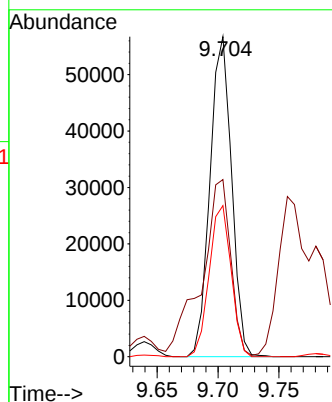
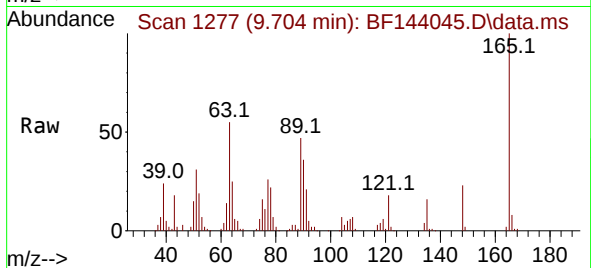
Tgt Ion:165 Resp: 70161

Ion Ratio Lower Upper

165 100

63 55.4 47.3 70.9

89 47.2 38.2 57.4



#52

Acenaphthene

Concen: 49.847 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

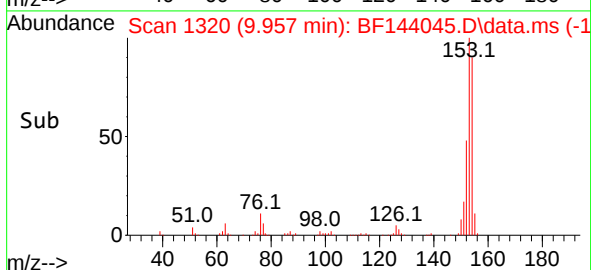
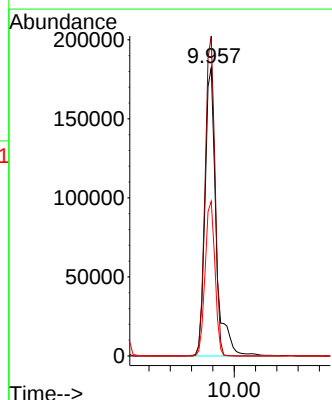
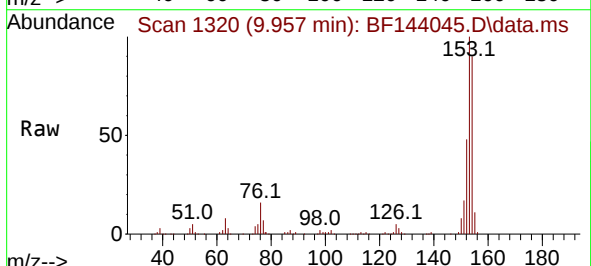
Tgt Ion:154 Resp: 264864

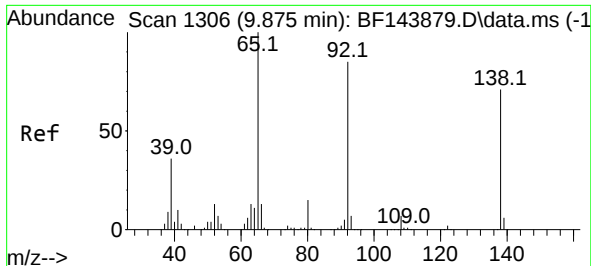
Ion Ratio Lower Upper

154 100

153 111.0 89.3 133.9

152 53.6 42.2 63.2

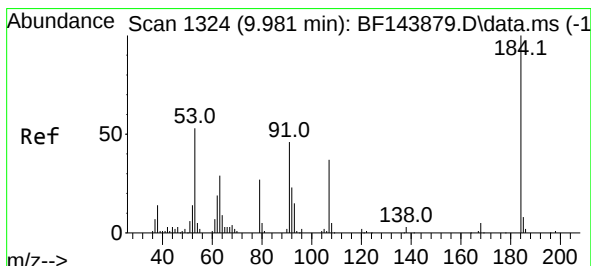
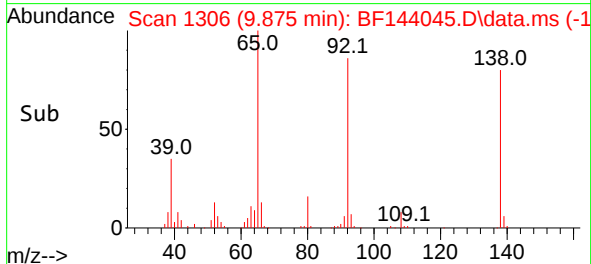
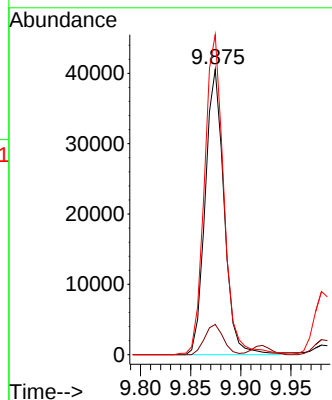
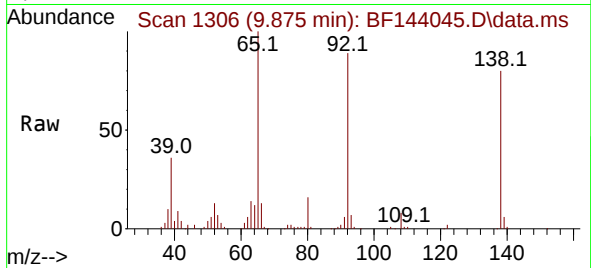




#53
3-Nitroaniline
Concen: 35.346 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

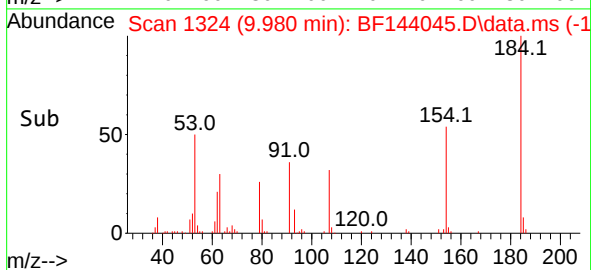
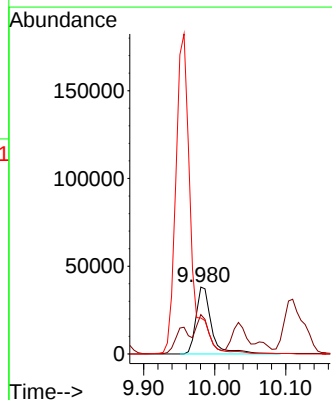
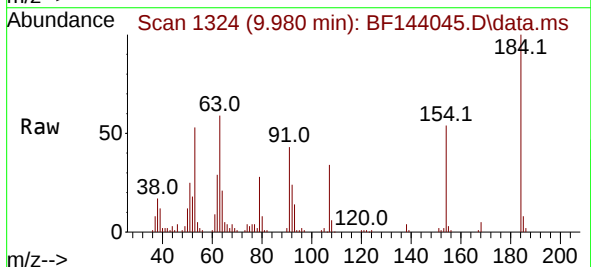
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

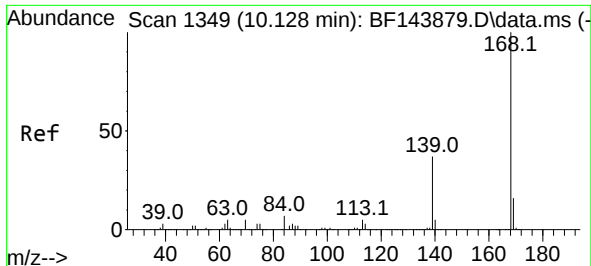
Tgt Ion:138 Resp: 53252
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 112.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 77.012 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:184 Resp: 58234
Ion Ratio Lower Upper
184 100
63 58.8 48.2 72.4
154 53.9 49.2 73.8

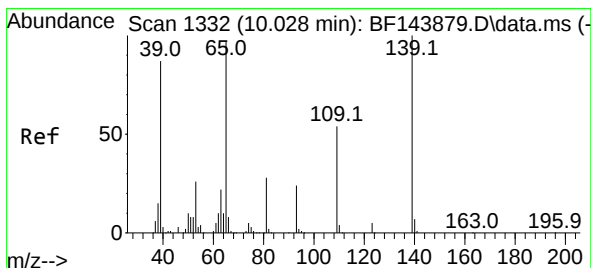
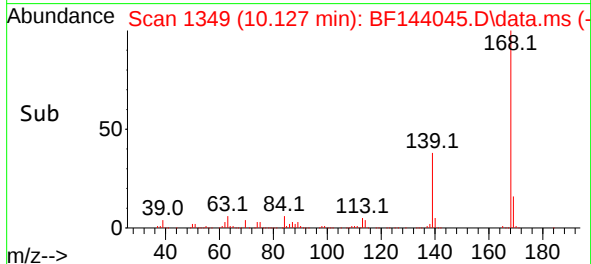
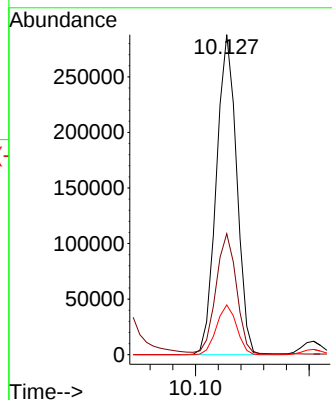
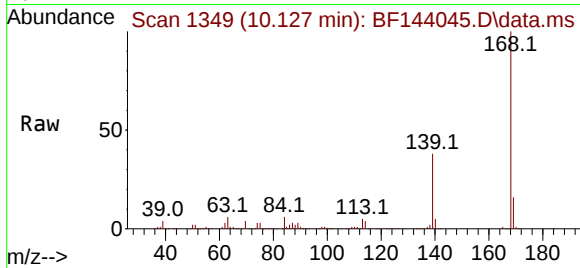




#55
Dibenzofuran
Concen: 47.784 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

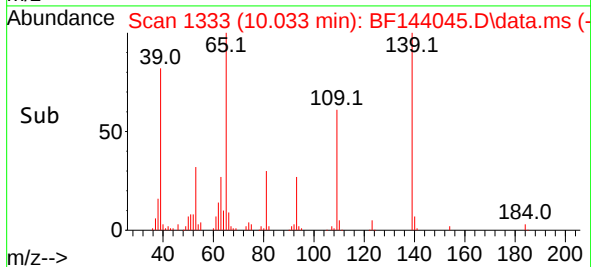
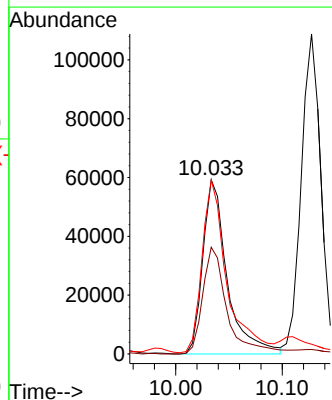
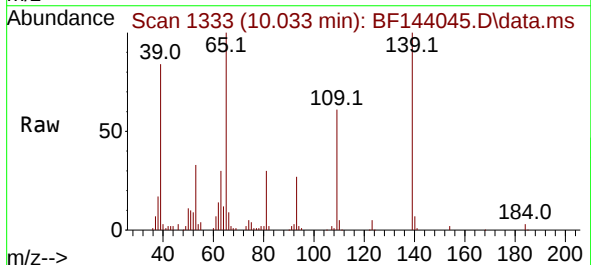
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

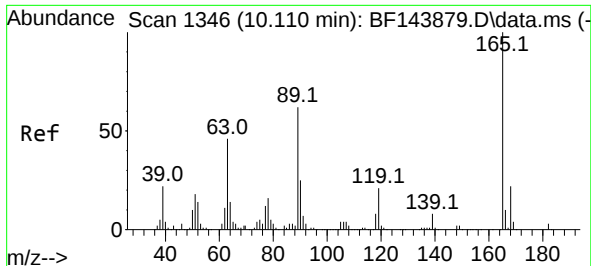
Tgt Ion:168 Resp: 358411
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 82.938 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:139 Resp: 94611
Ion Ratio Lower Upper
139 100
109 61.3 34.5 74.5
65 100.0 77.6 117.6

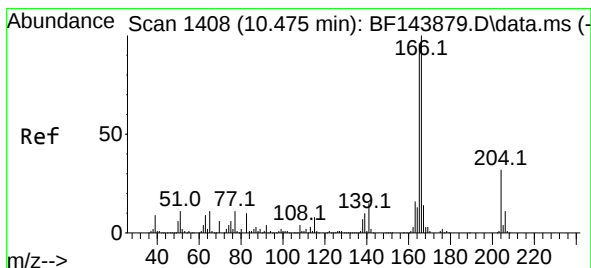
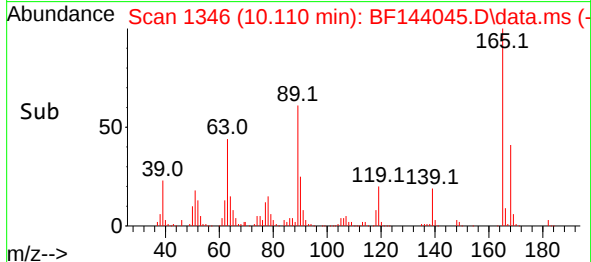
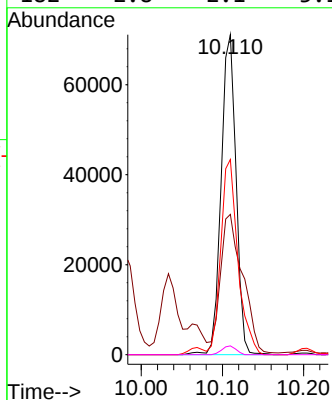
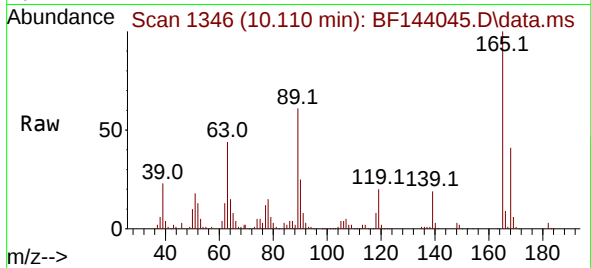




#57
2,4-Dinitrotoluene
Concen: 54.420 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

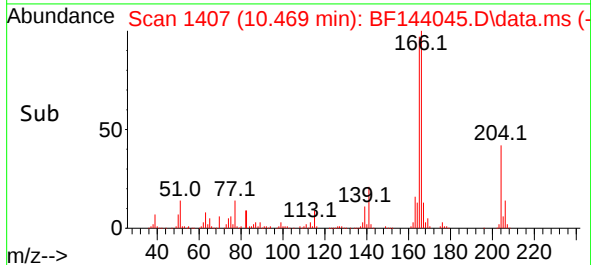
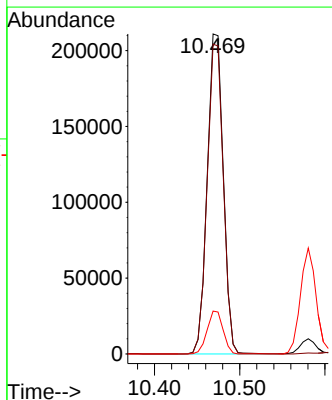
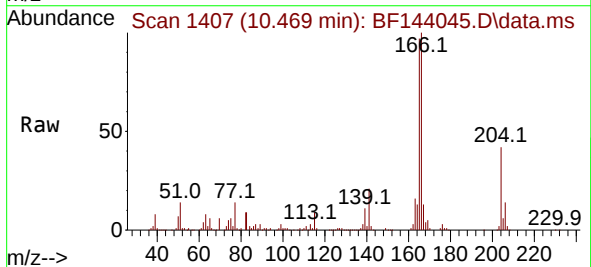
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

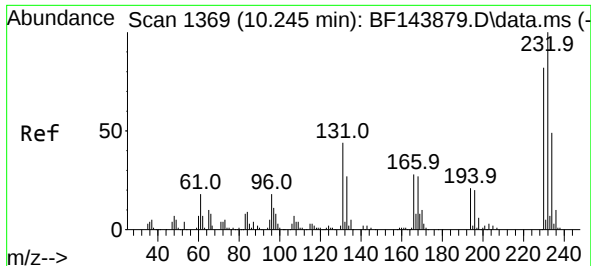
Tgt Ion:165 Resp: 91107
Ion Ratio Lower Upper
165 100
63 43.8 37.2 55.8
89 61.0 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.851 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

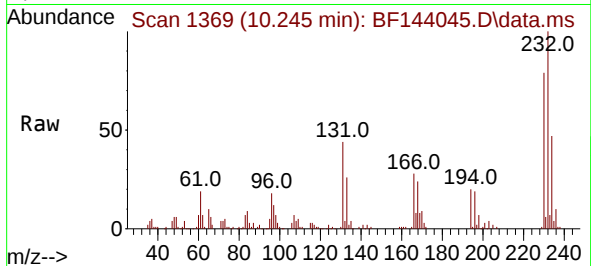
Tgt Ion:166 Resp: 276481
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.6
167 13.4 11.1 16.7



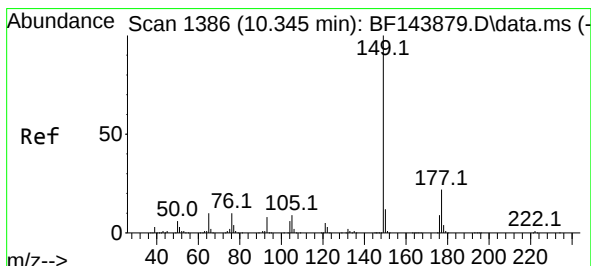
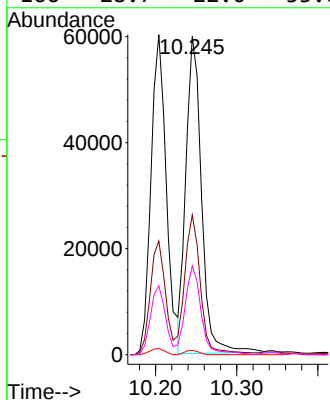
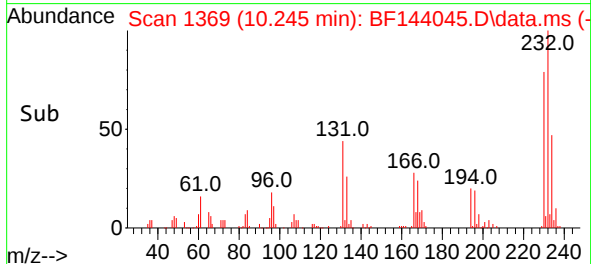


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.862 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

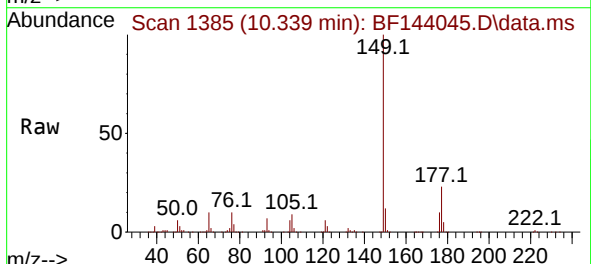
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS



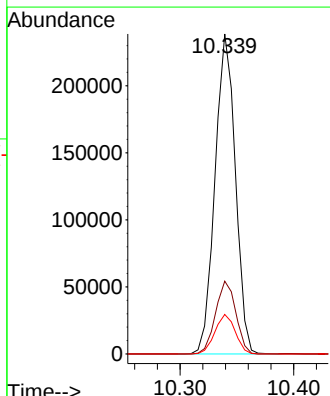
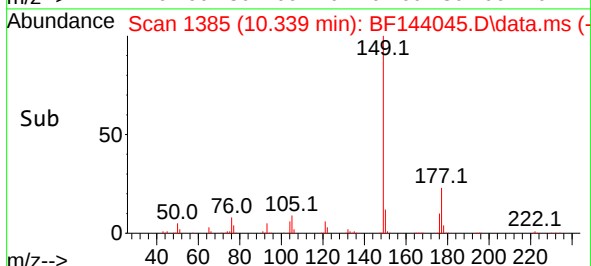
Tgt Ion:232 Resp: 80285
Ion Ratio Lower Upper
232 100
131 45.0 34.9 52.3
130 1.2 1.6 2.4#
166 28.7 22.0 33.0

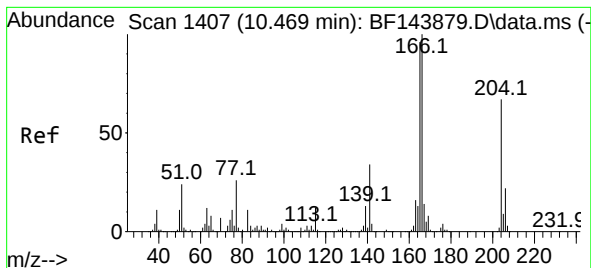


#60
Diethylphthalate
Concen: 48.264 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48



Tgt Ion:149 Resp: 297519
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.3 9.8 14.8

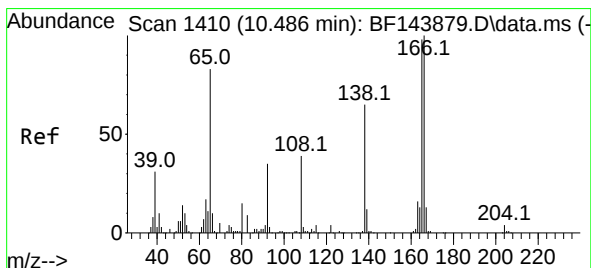
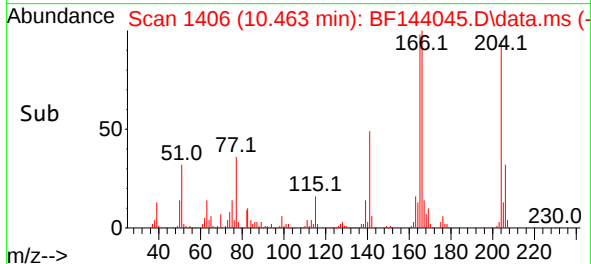
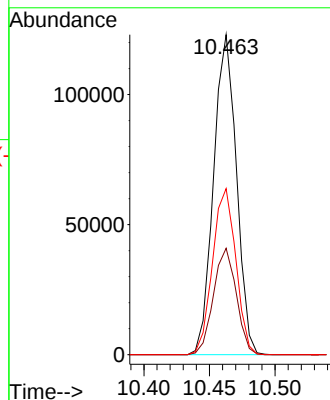
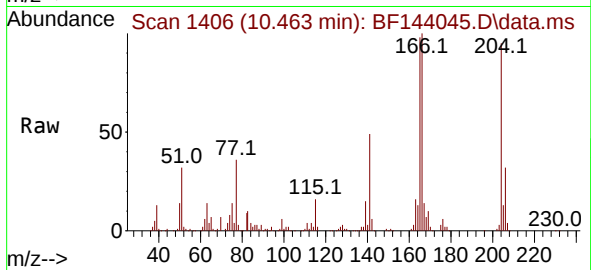




#61
4-Chlorophenyl-phenylether
Concen: 49.796 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

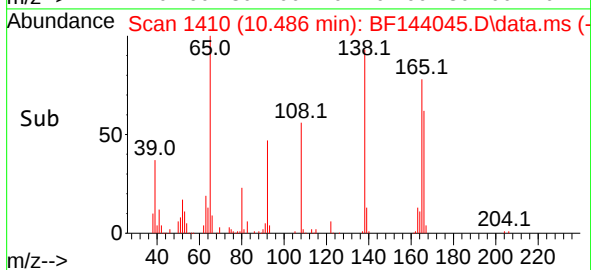
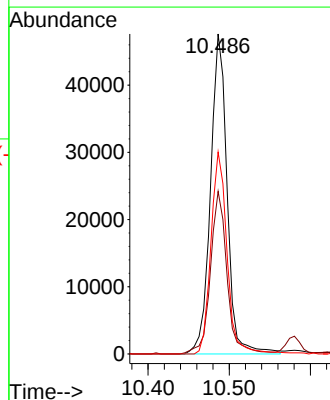
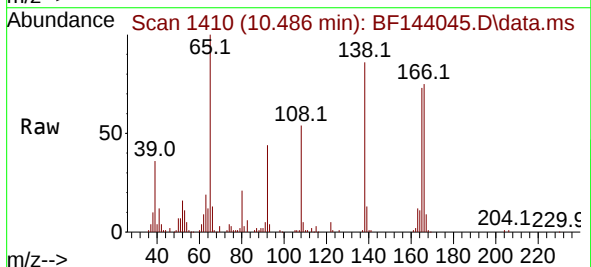
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

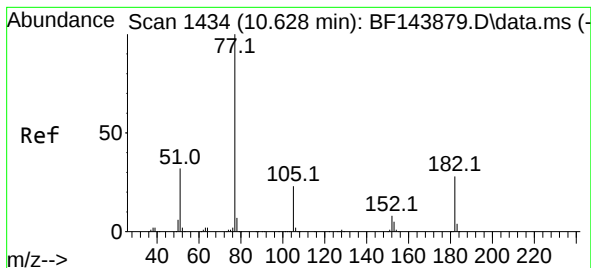
Tgt Ion:204 Resp: 149003
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 51.9 40.4 60.6



#62
4-Nitroaniline
Concen: 46.806 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:138 Resp: 67812
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 63.1 40.2 80.2





#63

Azobenzene

Concen: 47.002 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 77 Resp: 302817

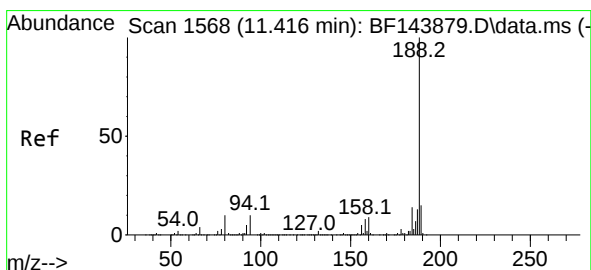
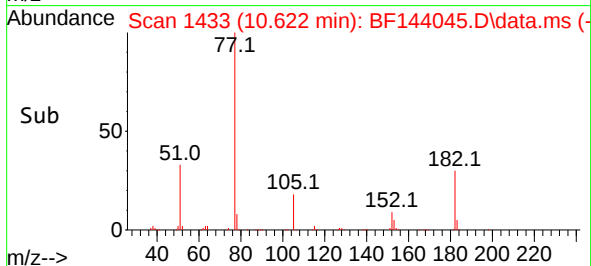
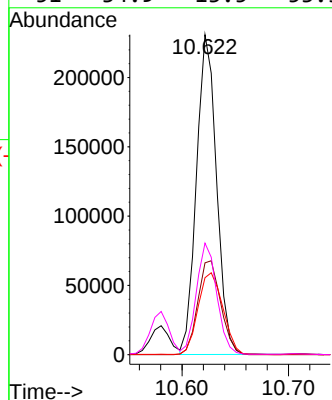
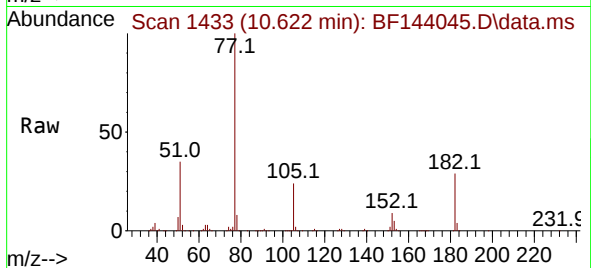
Ion Ratio Lower Upper

77 100

182 28.7 7.3 47.3

105 24.1 3.0 43.0

51 34.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

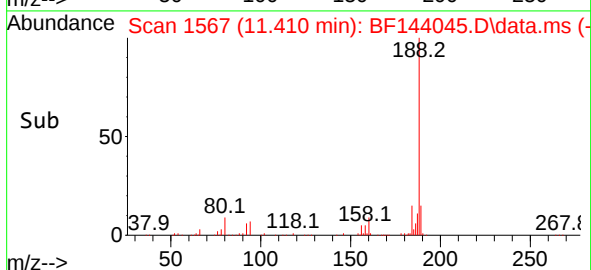
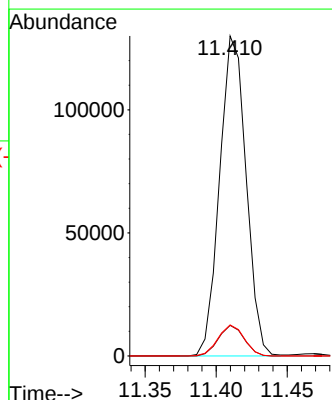
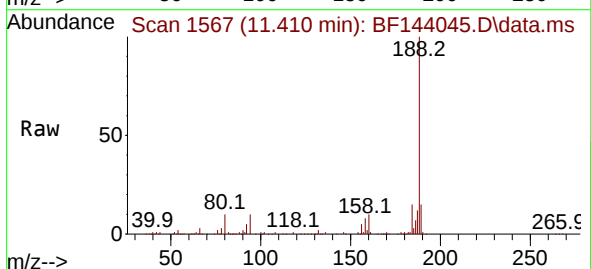
Tgt Ion:188 Resp: 168446

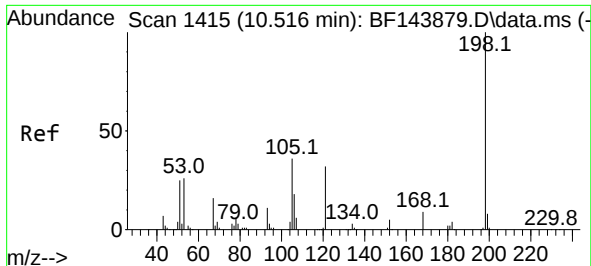
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 9.7 7.9 11.9

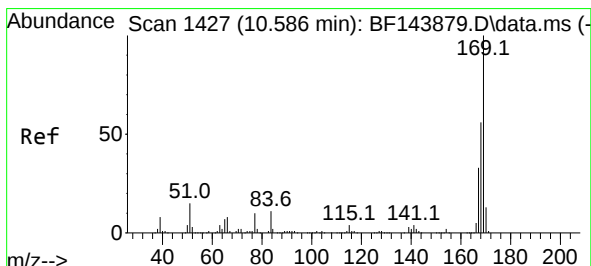
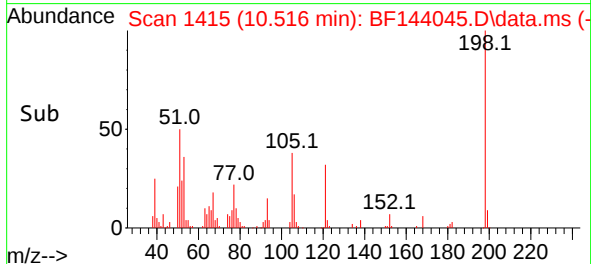
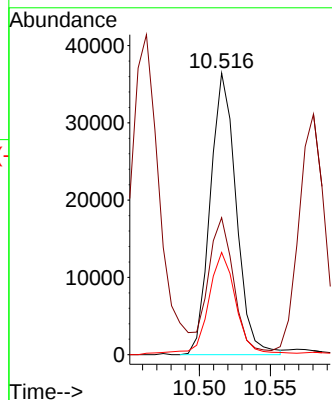
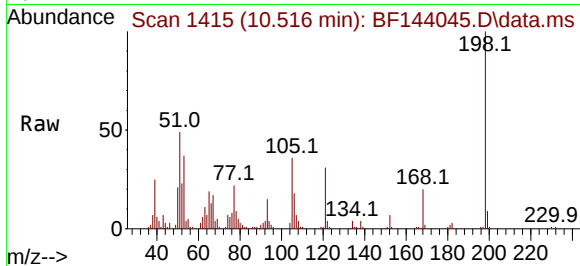




#65
4,6-Dinitro-2-methylphenol
Concen: 54.673 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

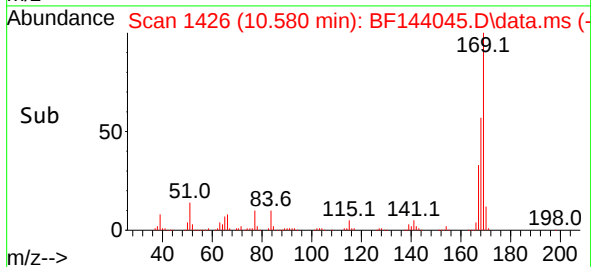
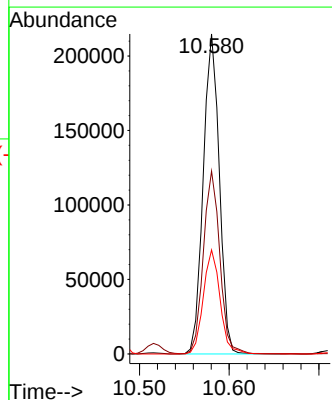
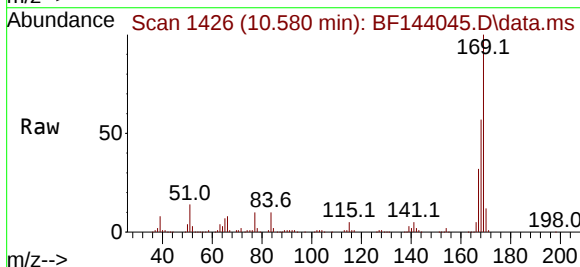
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

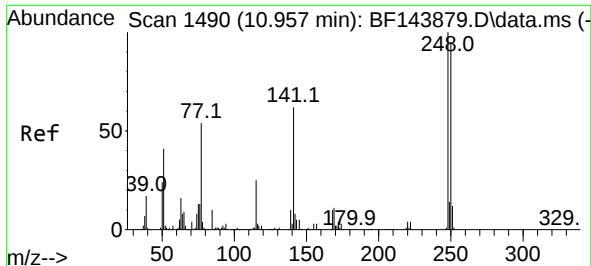
Tgt Ion:198 Resp: 46280
Ion Ratio Lower Upper
198 100
51 48.7 33.8 73.8
105 36.3 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 50.551 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:169 Resp: 267366
Ion Ratio Lower Upper
169 100
168 57.2 44.9 67.3
167 32.5 26.3 39.5

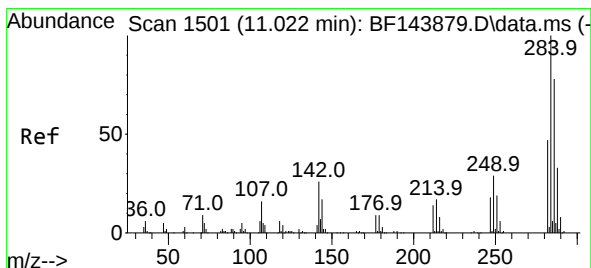
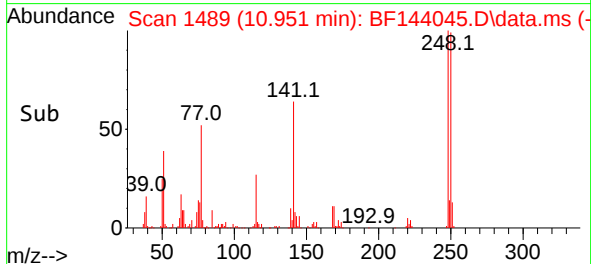
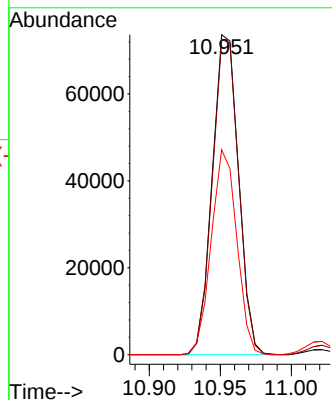
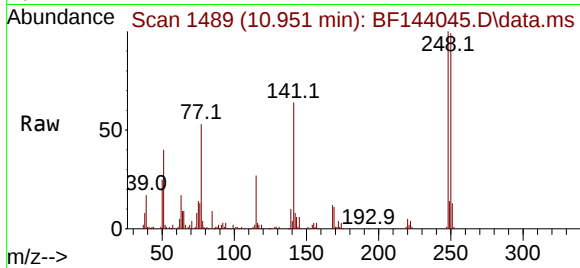




#67
4-Bromophenyl-phenylether
Concen: 51.060 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

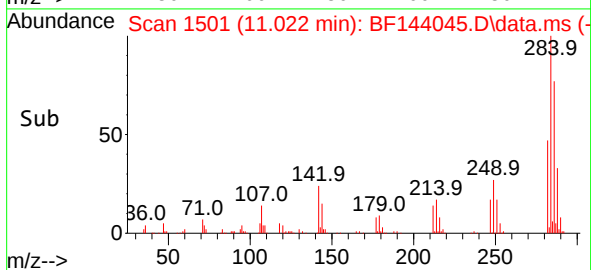
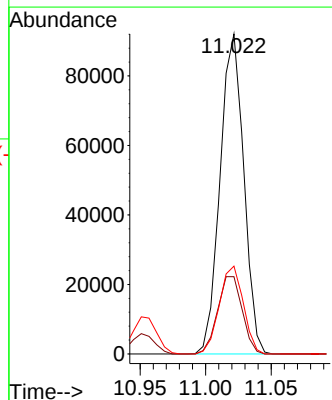
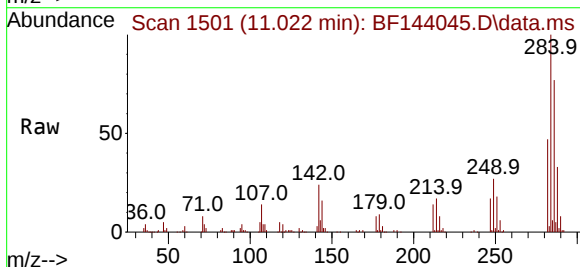
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

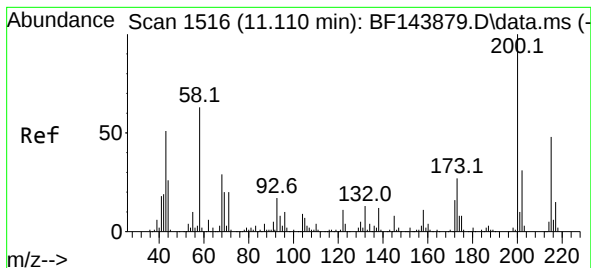
Tgt Ion:248 Resp: 95053
Ion Ratio Lower Upper
248 100
250 98.5 76.3 114.5
141 64.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 53.609 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:284 Resp: 115537
Ion Ratio Lower Upper
284 100
142 24.2 20.6 30.8
249 27.5 23.2 34.8





#69

Atrazine

Concen: 53.756 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

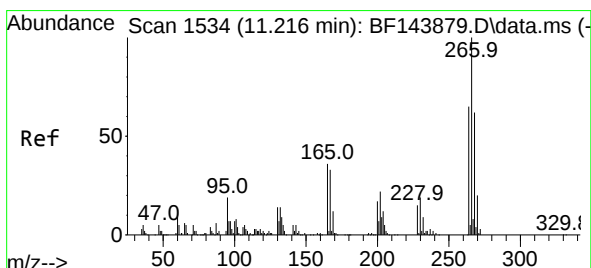
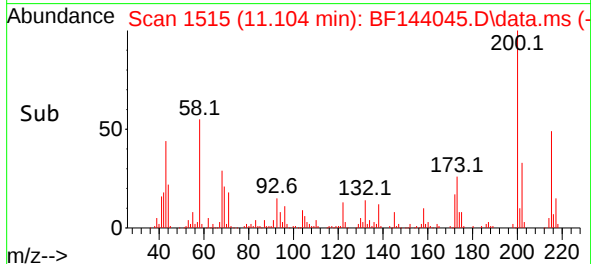
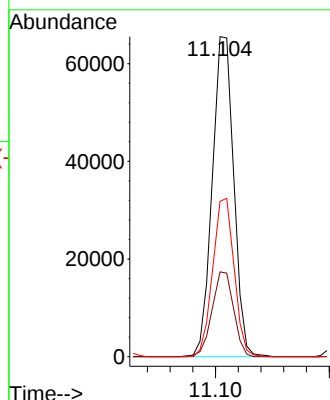
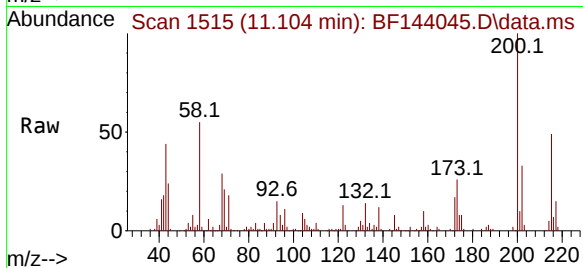
Tgt Ion:200 Resp: 86175

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 48.5 27.8 67.8



#70

Pentachlorophenol

Concen: 93.490 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

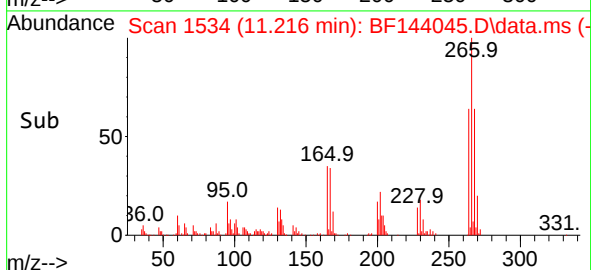
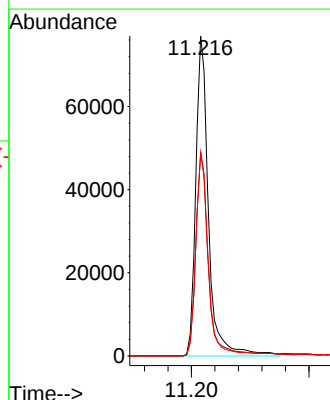
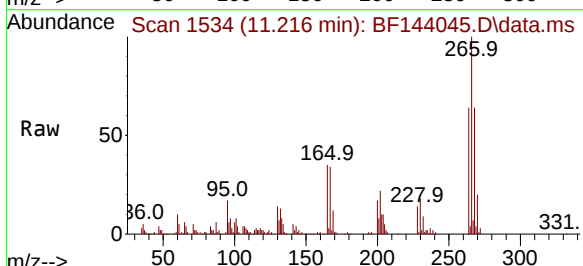
Tgt Ion:266 Resp: 115720

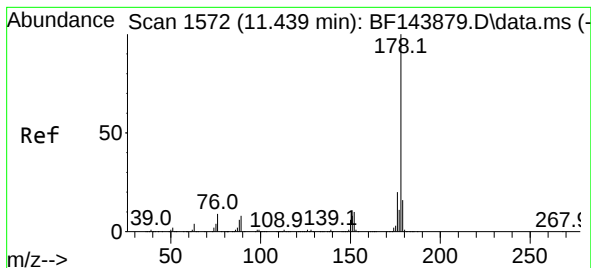
Ion Ratio Lower Upper

266 100

268 63.6 49.4 74.0

264 63.8 51.8 77.6





#71

Phenanthrene

Concen: 49.820 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

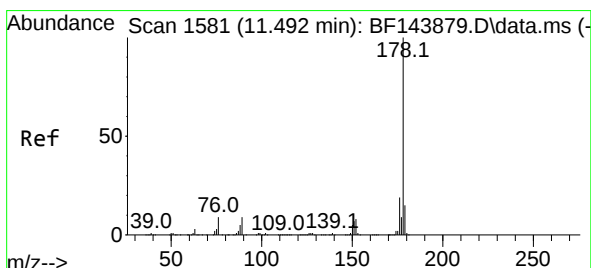
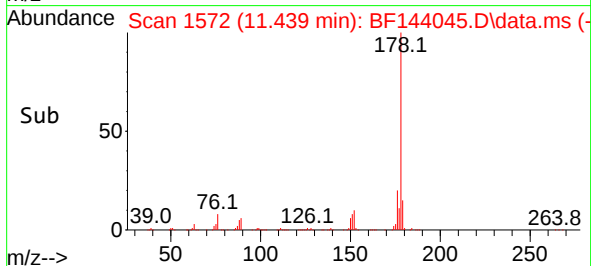
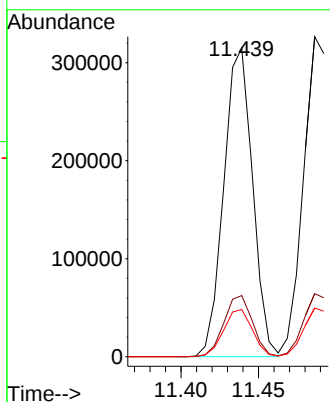
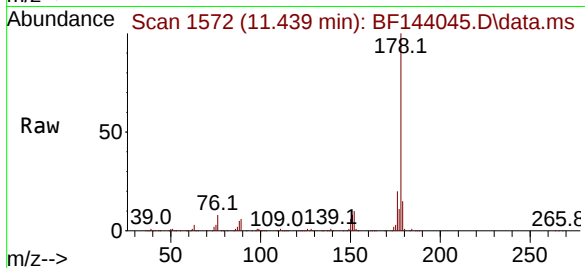
Tgt Ion:178 Resp: 406843

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 51.435 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

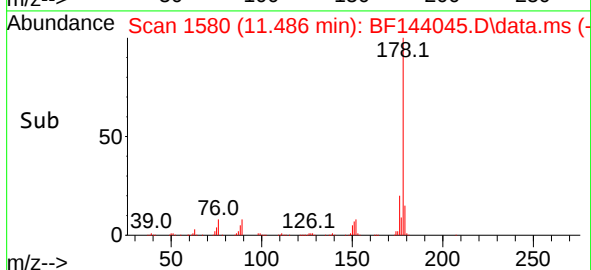
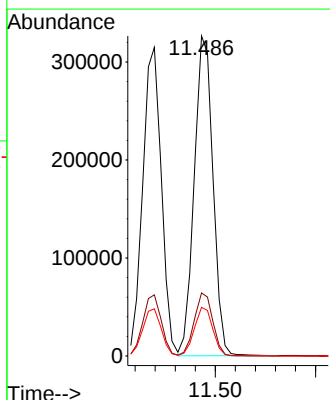
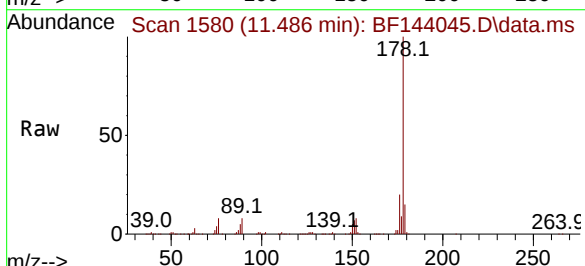
Tgt Ion:178 Resp: 424337

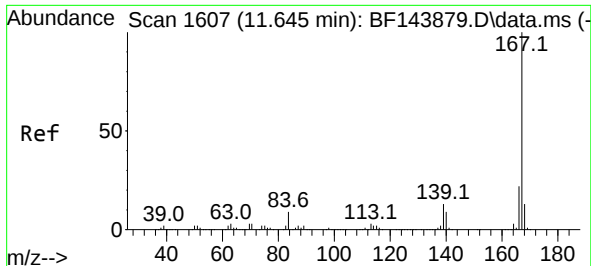
Ion Ratio Lower Upper

178 100

176 19.7 14.9 22.3

179 15.2 12.2 18.2



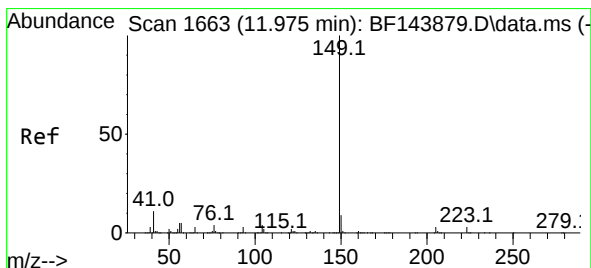
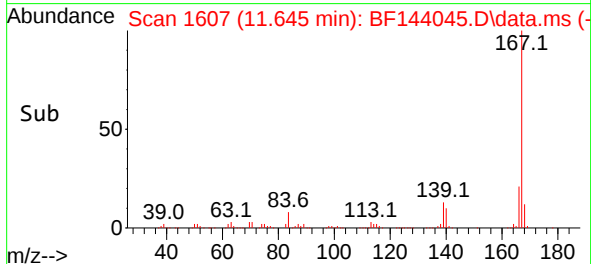
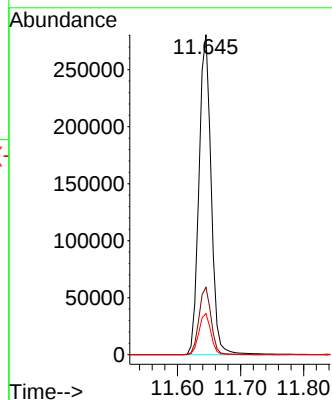
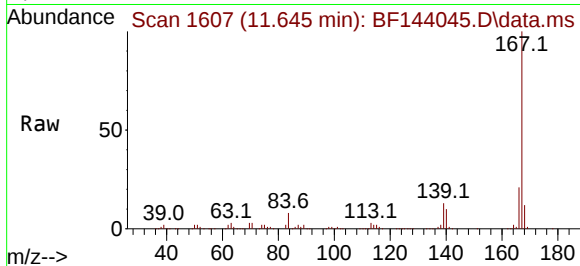


#73
 Carbazole
 Concen: 51.318 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

Tgt Ion:167 Resp: 374959

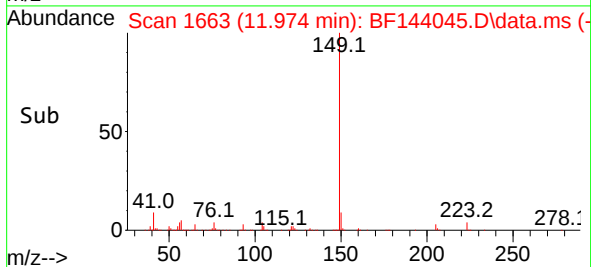
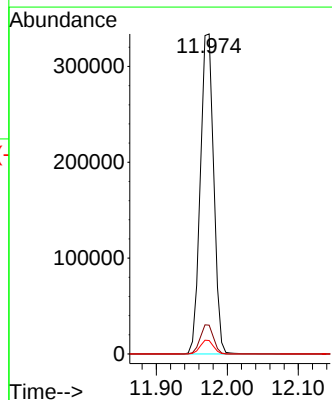
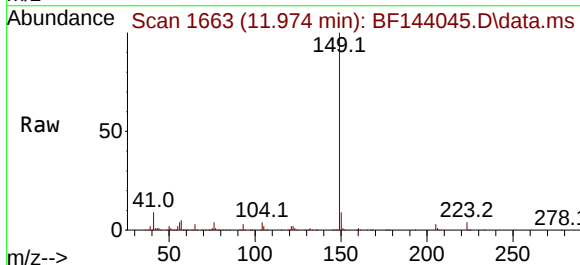
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	10.1	15.1

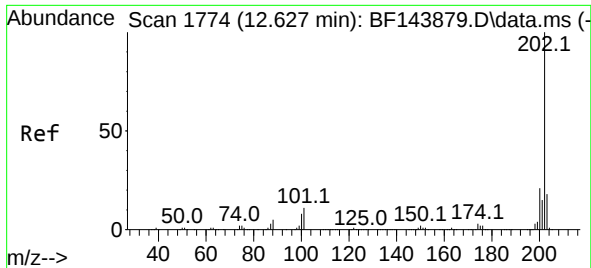


#74
 Di-n-butylphthalate
 Concen: 51.866 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

Tgt Ion:149 Resp: 439215

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.2	3.4	5.2

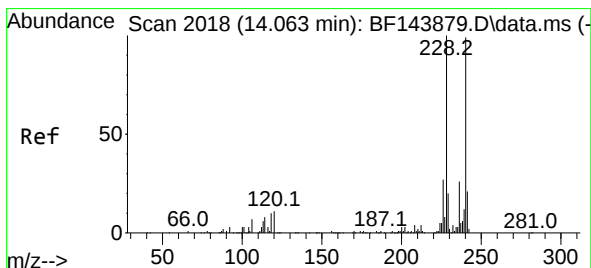
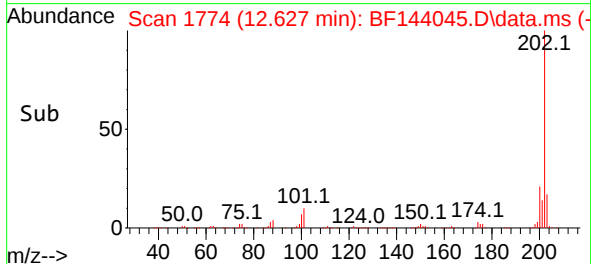
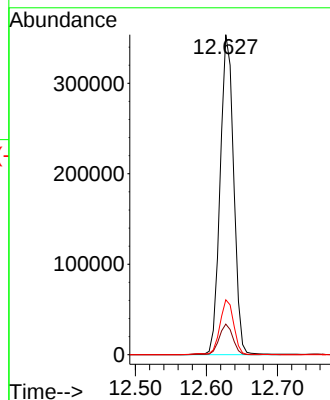
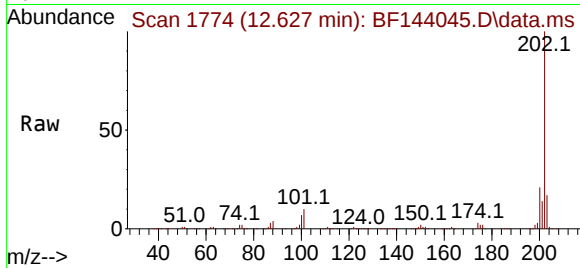




#75
Fluoranthene
Concen: 55.274 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

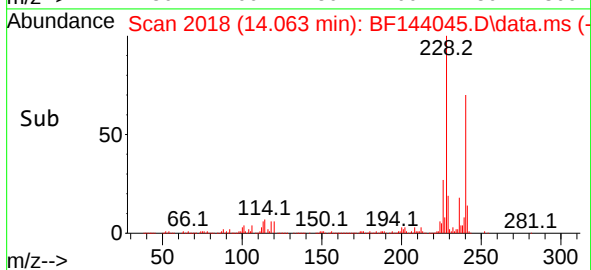
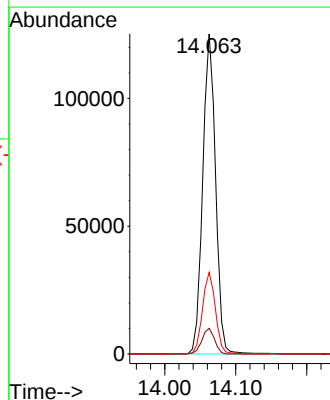
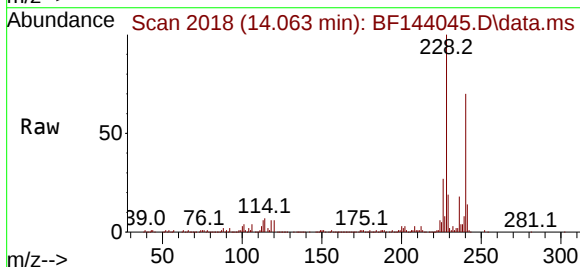
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

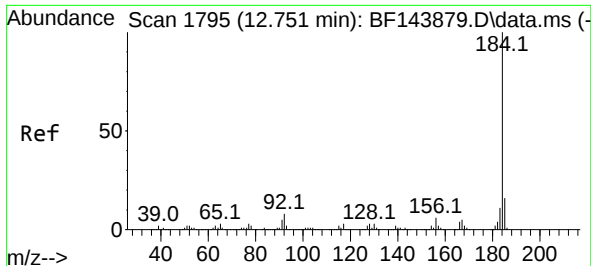
Tgt Ion:202 Resp: 466245
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:240 Resp: 157711
Ion Ratio Lower Upper
240 100
120 8.0 8.6 13.0#
236 25.5 21.1 31.7

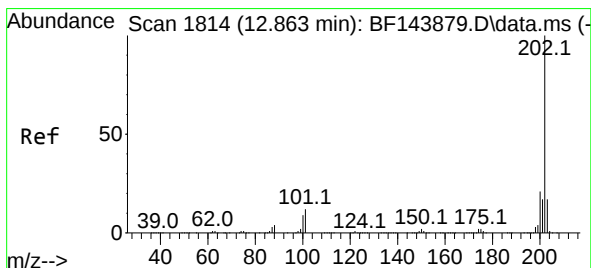
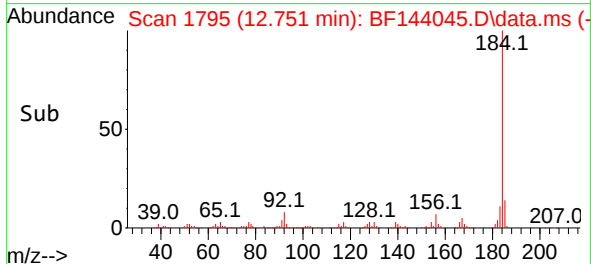
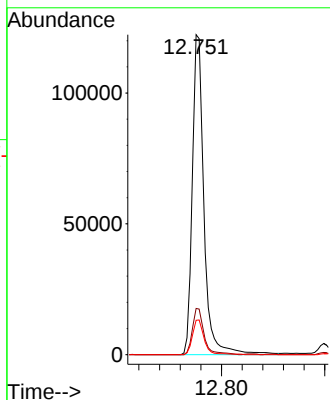
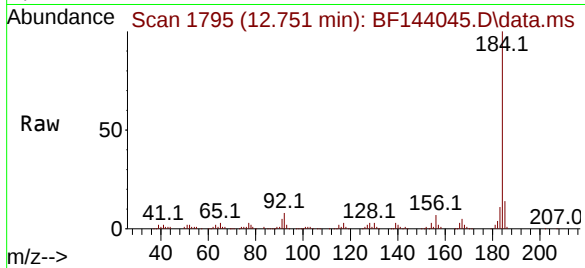




#77
Benzidine
Concen: 35.061 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

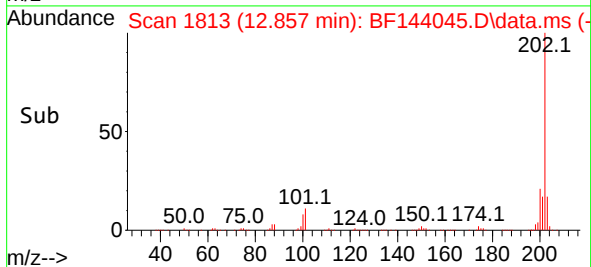
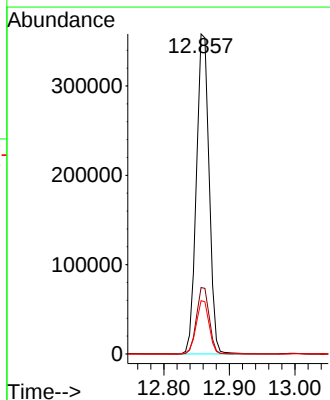
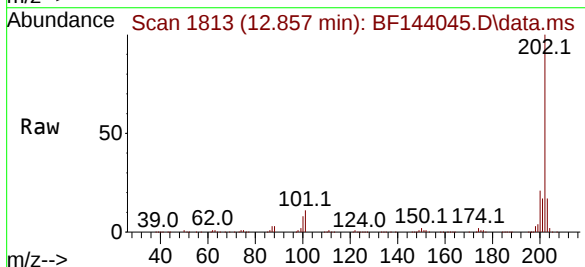
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

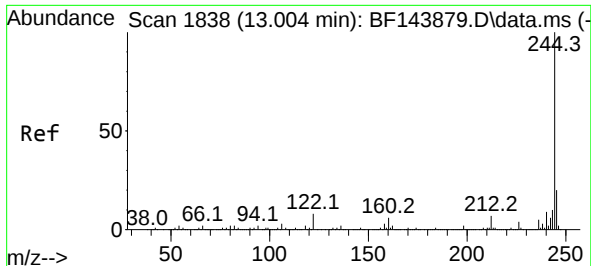
Tgt Ion:184 Resp: 191999
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 10.8 8.8 13.2



#78
Pyrene
Concen: 36.974 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:202 Resp: 486134
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 16.7 13.8 20.6

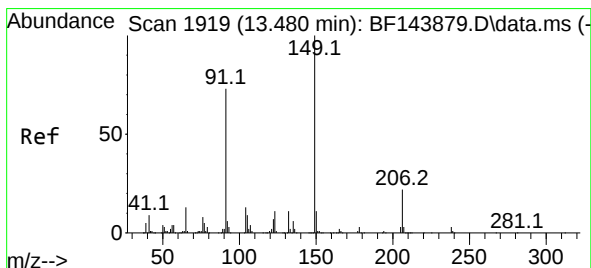
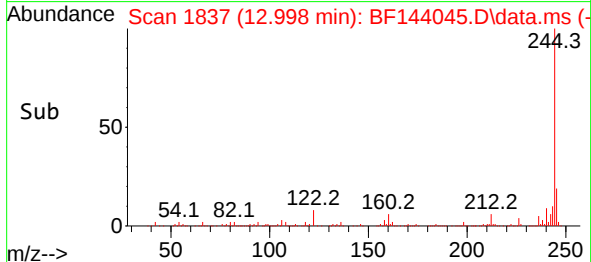
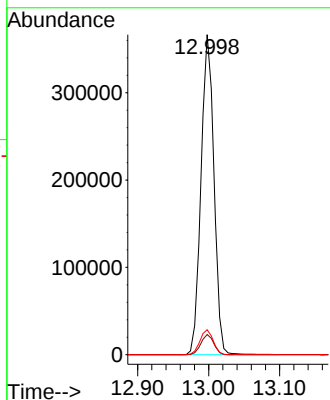
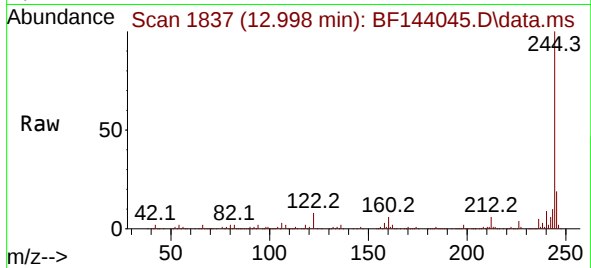




#79
 Terphenyl-d14
 Concen: 50.515 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

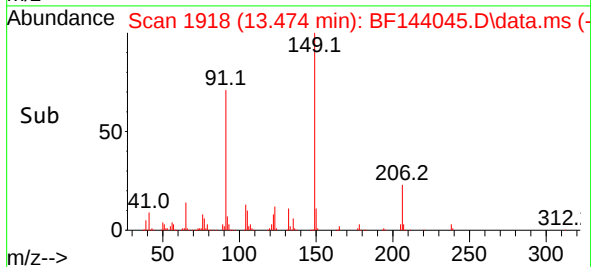
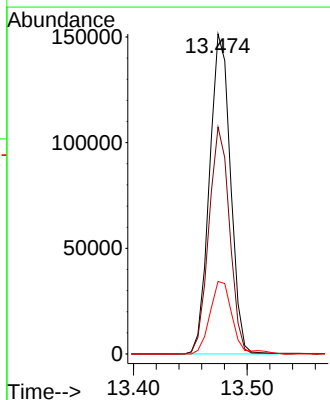
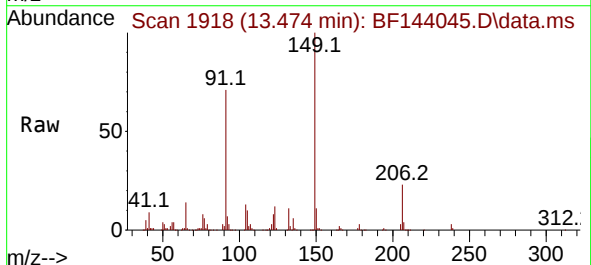
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

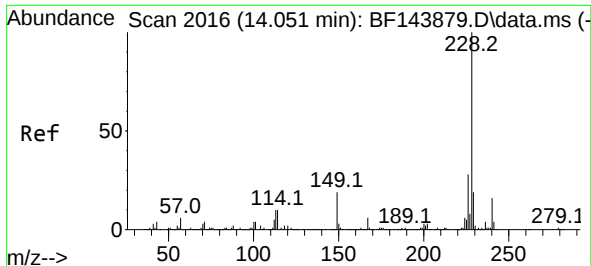
Tgt Ion:244 Resp: 466140
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 45.477 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF144045.D
 Acq: 22 Oct 2025 16:48

Tgt Ion:149 Resp: 194190
 Ion Ratio Lower Upper
 149 100
 91 70.9 58.2 87.2
 206 22.7 17.9 26.9

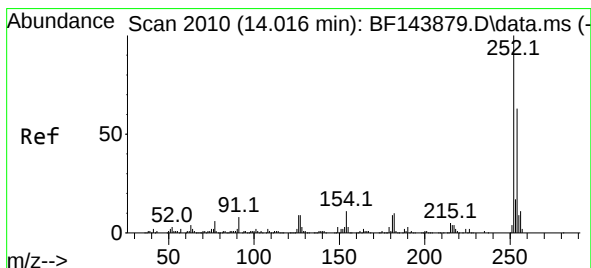
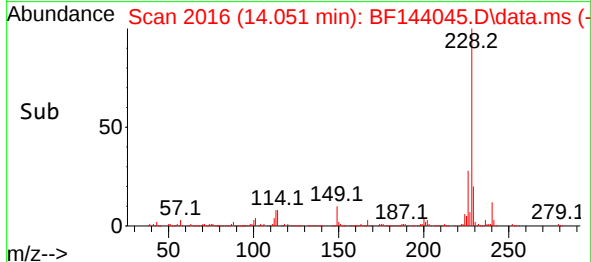
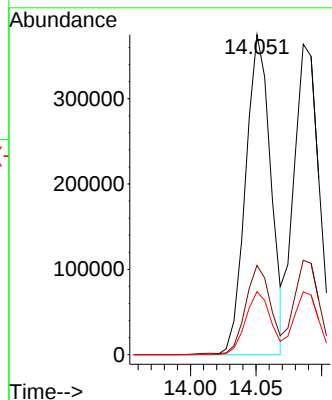
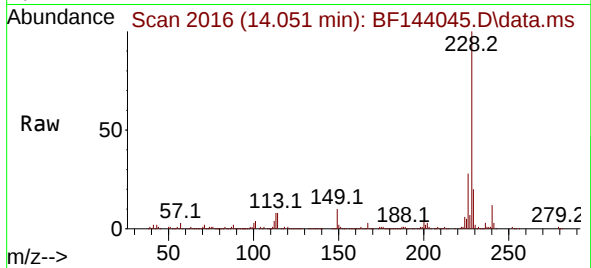




#81
Benzo(a)anthracene
Concen: 48.533 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

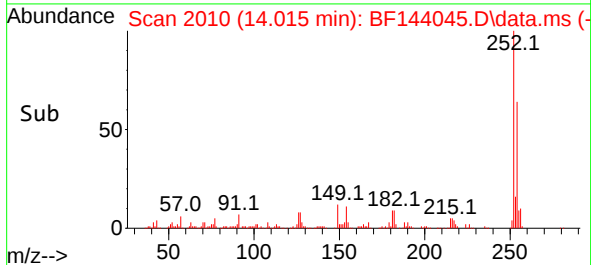
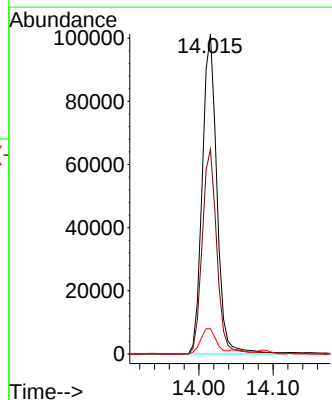
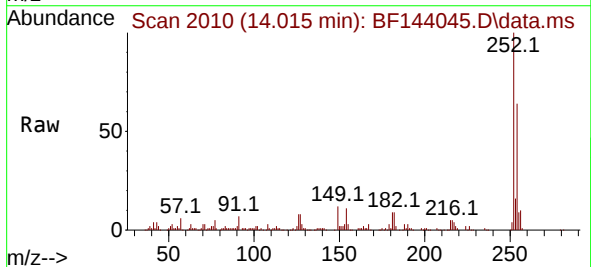
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

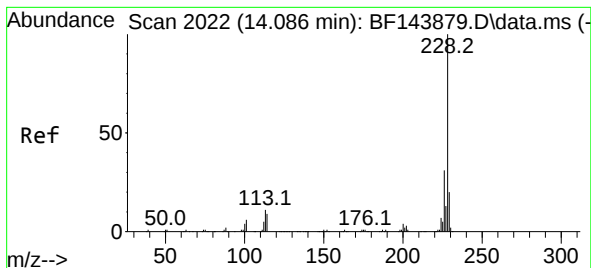
Tgt Ion:228 Resp: 500895
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.147 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 138851
Ion Ratio Lower Upper
252 100
254 63.9 50.6 76.0
126 7.9 7.0 10.6





#83

Chrysene

Concen: 50.418 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

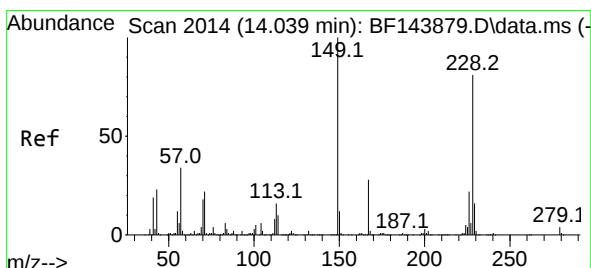
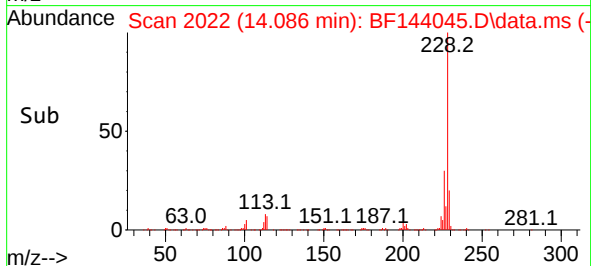
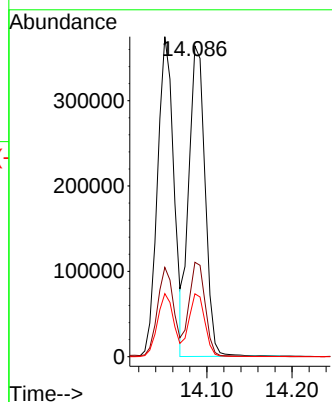
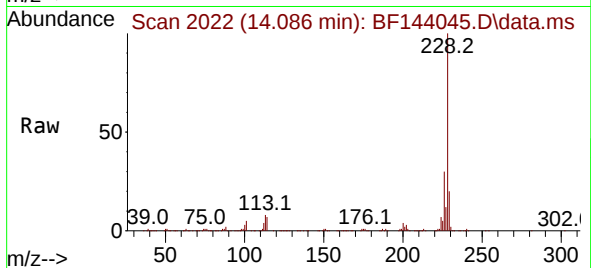
Tgt Ion:228 Resp: 481599

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.185 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

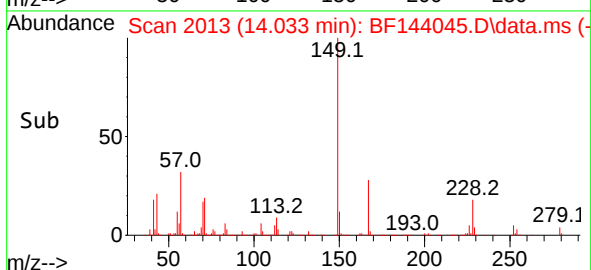
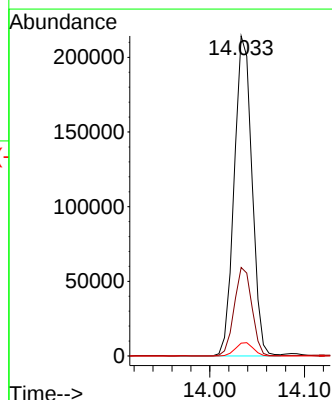
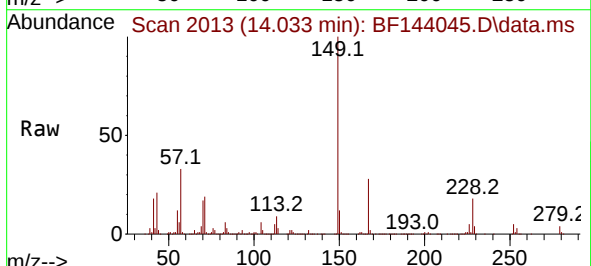
Tgt Ion:149 Resp: 278912

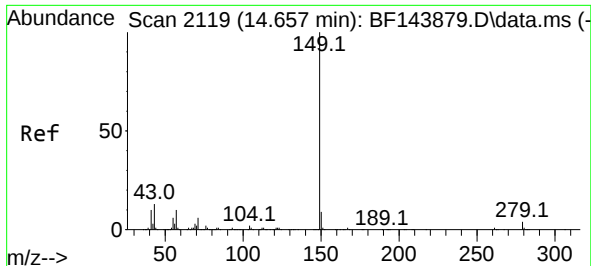
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 4.0 3.1 4.7

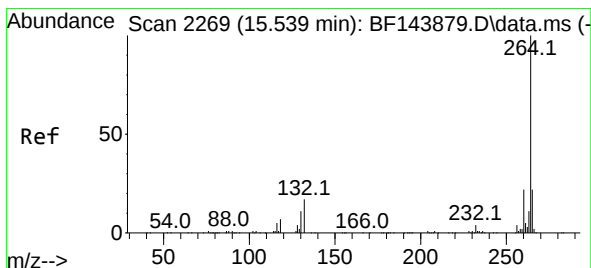
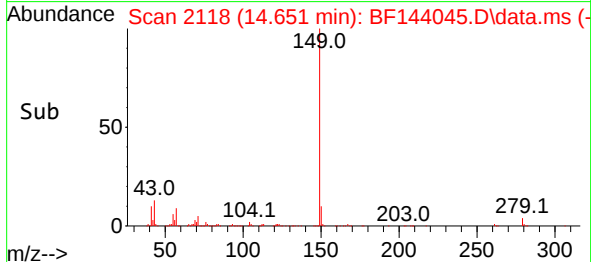
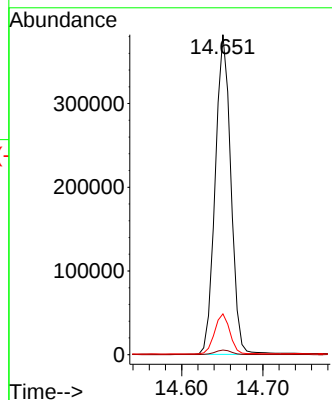
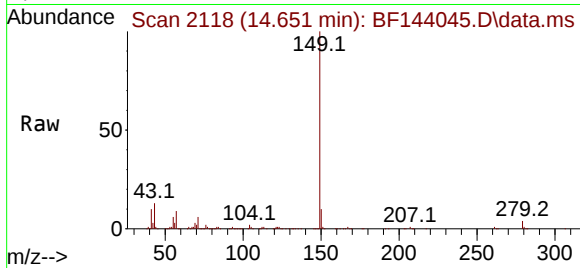




#85
Di-n-octyl phthalate
Concen: 60.515 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

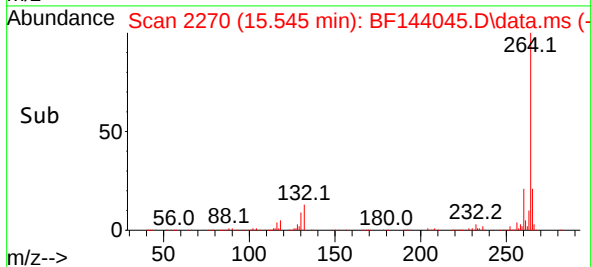
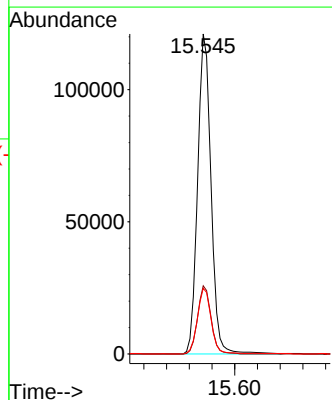
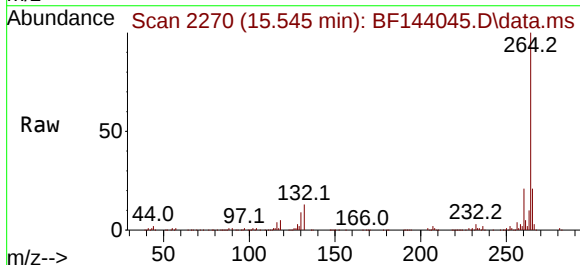
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

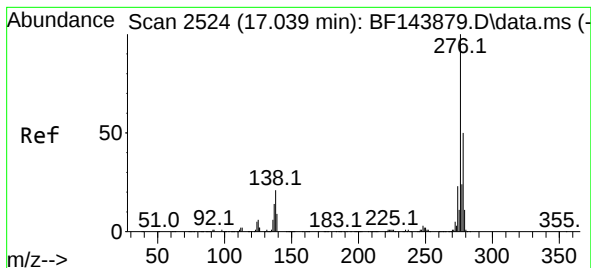
Tgt Ion:149 Resp: 511613
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.2 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:264 Resp: 198777
Ion Ratio Lower Upper
264 100
260 21.3 17.8 26.8
265 20.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.045 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

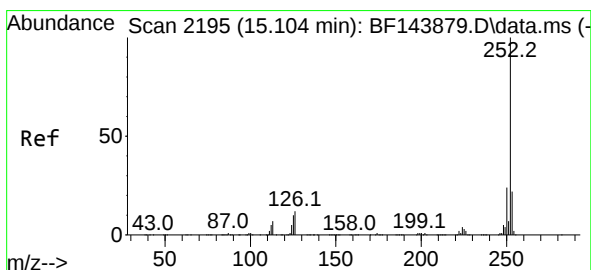
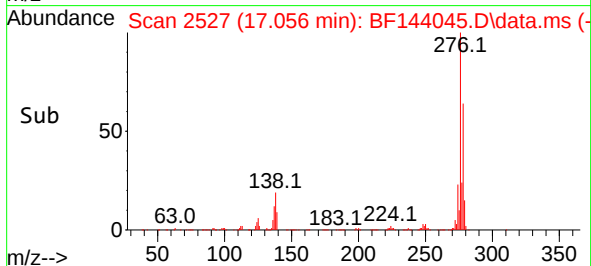
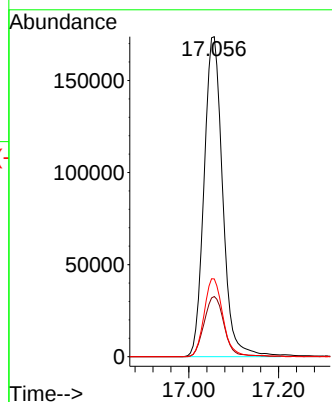
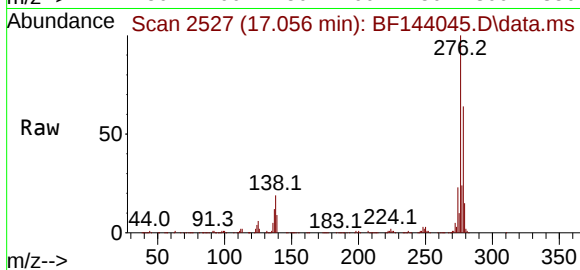
Tgt Ion:276 Resp: 499925

Ion Ratio Lower Upper

276 100

138 20.3 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 50.322 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

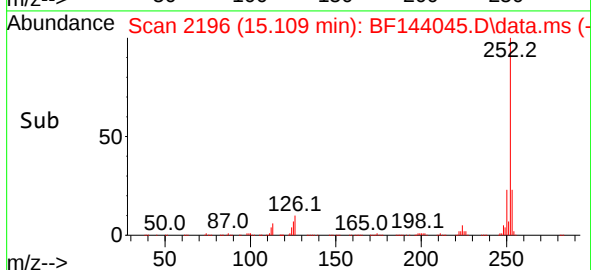
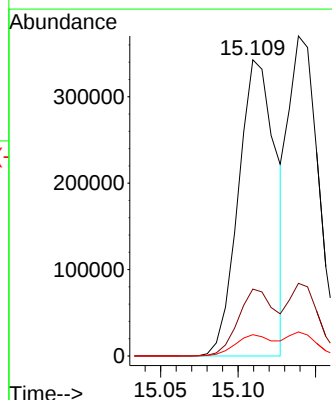
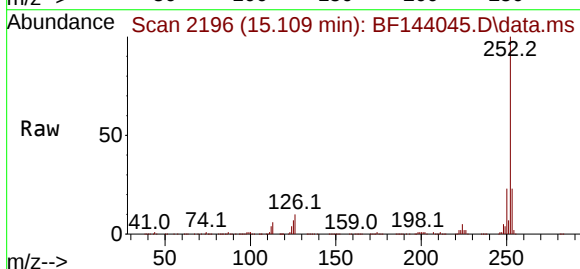
Tgt Ion:252 Resp: 574593

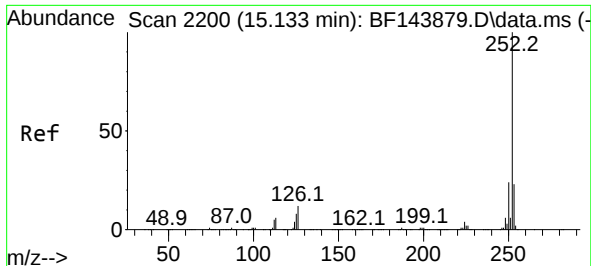
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 7.2 7.8 11.6#

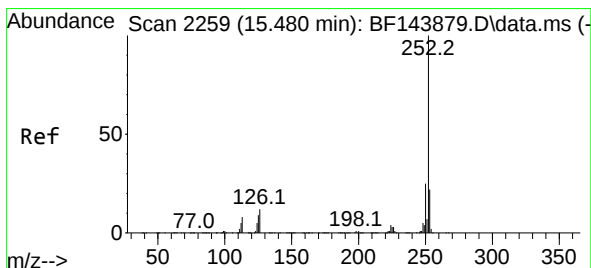
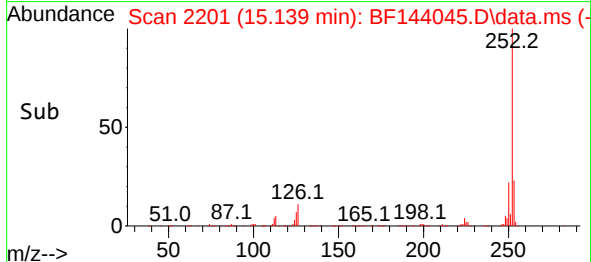
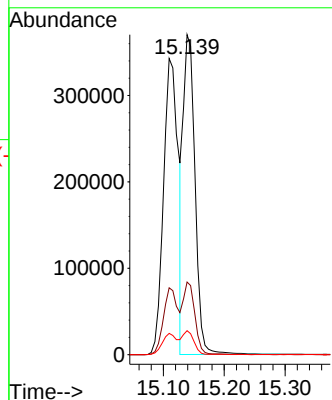
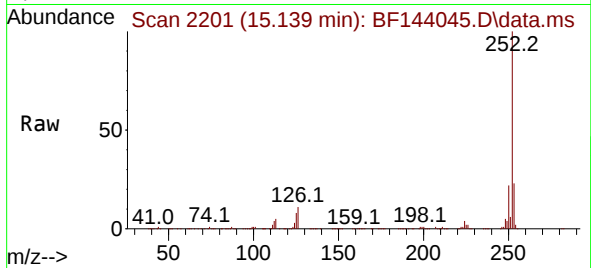




#89
Benzo(k)fluoranthene
Concen: 47.538 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

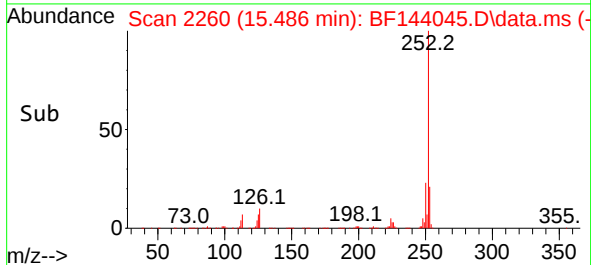
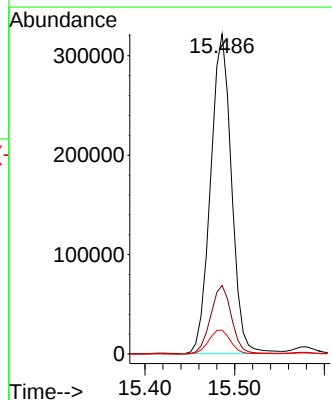
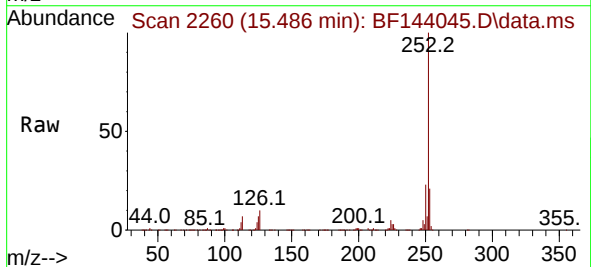
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

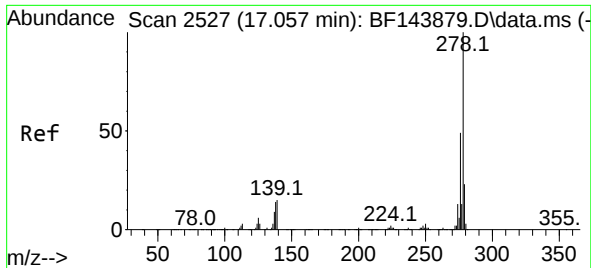
Tgt Ion:252 Resp: 502266
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 52.626 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 521045
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 7.5 7.0 10.4

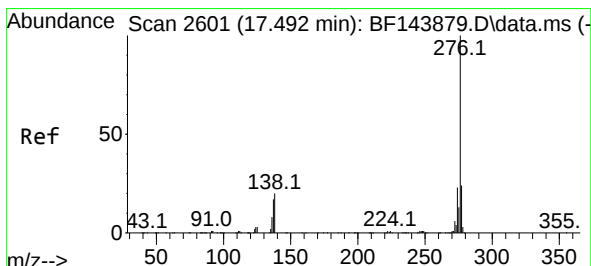
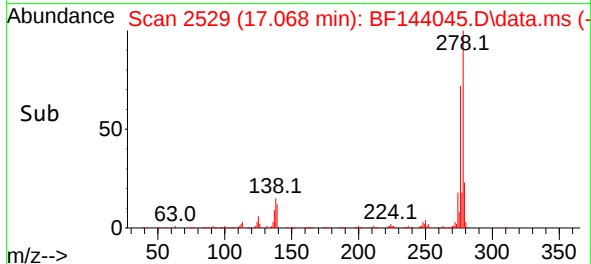
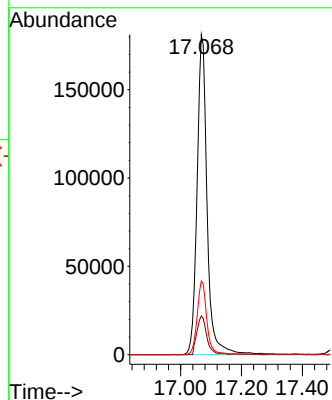
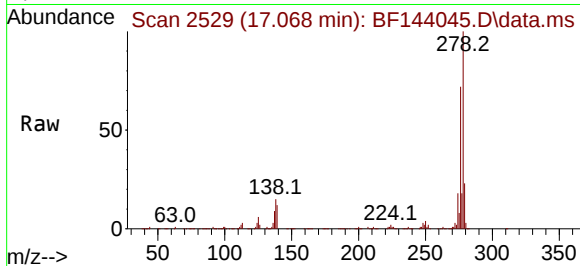




#91
Dibenzo(a,h)anthracene
Concen: 42.425 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:278 Resp: 415588
Ion Ratio Lower Upper
278 100
139 12.1 11.7 17.5
279 23.1 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.195 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:276 Resp: 374153
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 16.6 16.1 24.1

