

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144046.D
 Acq On : 22 Oct 2025 17:17
 Operator : RC/JU
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 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	52405	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	194453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	100404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	161809	20.000	ng	0.00
76) Chrysene-d12	14.063	240	140916	20.000	ng	0.00
86) Perylene-d12	15.545	264	186035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	315008	95.454	ng	0.00
7) Phenol-d6	6.504	99	351883	89.457	ng	-0.01
23) Nitrobenzene-d5	7.440	82	218945	68.407	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	105331	105.326	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	427316	67.531	ng	-0.01
79) Terphenyl-d14	12.998	244	440266	53.397	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	70292	46.029	ng	93
3) Pyridine	3.446	79	184153	41.423	ng	94
4) n-Nitrosodimethylamine	3.393	42	116488	49.810	ng	93
6) Aniline	6.546	93	184778	31.348	ng	99
8) 2-Chlorophenol	6.663	128	154648	47.941	ng	97
9) Benzaldehyde	6.434	77	81335	26.805	ng	98
10) Phenol	6.522	94	216329	46.001	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	159431	43.888	ng	98
12) 1,3-Dichlorobenzene	6.822	146	195541	50.640	ng	99
13) 1,4-Dichlorobenzene	6.898	146	198566	52.132	ng	100
14) 1,2-Dichlorobenzene	7.051	146	187864	51.493	ng	100
15) Benzyl Alcohol	7.022	79	146036	49.550	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	318759	38.549	ng	94
17) 2-Methylphenol	7.134	107	124908	46.853	ng	97
18) Hexachloroethane	7.393	117	66169	52.091	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	120112	44.609	ng	98
20) 3+4-Methylphenols	7.281	107	145482	47.084	ng	# 75
22) Acetophenone	7.287	105	225071	54.741	ng	94
24) Nitrobenzene	7.463	77	179684	50.554	ng	98
25) Isophorone	7.698	82	308671	45.738	ng	97
26) 2-Nitrophenol	7.781	139	87540	57.447	ng	98
27) 2,4-Dimethylphenol	7.810	122	146086	53.293	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	190792	44.755	ng	98
29) 2,4-Dichlorophenol	8.022	162	140538	49.220	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	152155	54.183	ng	99
31) Naphthalene	8.187	128	431571	48.790	ng	100
32) Benzoic acid	7.922	122	87243	45.987	ng	94
33) 4-Chloroaniline	8.234	127	68144	20.541	ng	97
34) Hexachlorobutadiene	8.298	225	110530	56.642	ng	98
35) Caprolactam	8.592	113	41937	46.192	ng	# 86
36) 4-Chloro-3-methylphenol	8.716	107	130088	47.430	ng	97
37) 2-Methylnaphthalene	8.875	142	263894	44.787	ng	99
38) 1-Methylnaphthalene	8.975	142	263614	46.124	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	171355	61.749	ng	100
41) Hexachlorocyclopentadiene	9.028	237	85794	74.523	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	101629	50.123	ng	97

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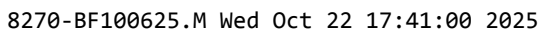
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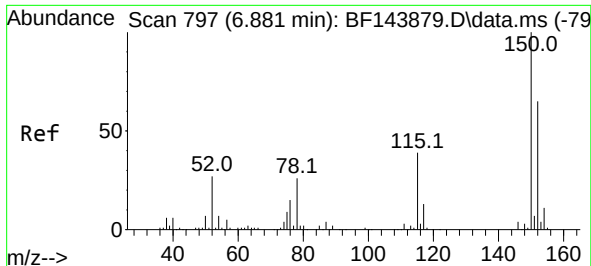
Quant Time: Oct 22 17:39:57 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113337	52.895	ng	97
46) 1,1'-Biphenyl	9.339	154	376138	56.582	ng	98
47) 2-Chloronaphthalene	9.369	162	282045	50.887	ng	98
48) 2-Nitroaniline	9.463	65	88874	50.718	ng	92
49) Acenaphthylene	9.781	152	439452	56.398	ng	100
50) Dimethylphthalate	9.639	163	331215	51.947	ng	99
51) 2,6-Dinitrotoluene	9.704	165	69184	58.515	ng	97
52) Acenaphthene	9.957	154	266069	52.111	ng	100
53) 3-Nitroaniline	9.875	138	51718	35.724	ng	92
54) 2,4-Dinitrophenol	9.981	184	54749	75.499	ng	98
55) Dibenzofuran	10.128	168	357723	49.633	ng	97
56) 4-Nitrophenol	10.034	139	89855	81.974	ng	93
57) 2,4-Dinitrotoluene	10.110	165	90072	55.991	ng	98
58) Fluorene	10.469	166	272501	50.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83810	55.256	ng	96
60) Diethylphthalate	10.339	149	300982	50.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	148610	51.685	ng	96
62) 4-Nitroaniline	10.486	138	66690	47.905	ng	92
63) Azobenzene	10.622	77	305202	49.299	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	47428	58.328	ng	94
66) n-Nitrosodiphenylamine	10.581	169	262951	51.755	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	97379	54.455	ng	97
68) Hexachlorobenzene	11.022	284	114279	55.200	ng	96
69) Atrazine	11.104	200	85947	55.813	ng	99
70) Pentachlorophenol	11.216	266	113635	95.571	ng	97
71) Phenanthrene	11.439	178	392636	50.052	ng	98
72) Anthracene	11.486	178	403806	50.954	ng	100
73) Carbazole	11.645	167	361127	51.452	ng	98
74) Di-n-butylphthalate	11.975	149	427855	52.597	ng	99
75) Fluoranthene	12.628	202	444101	54.808	ng	97
77) Benzidine	12.751	184	182031	37.203	ng	98
78) Pyrene	12.857	202	460135	39.167	ng	99
80) Butylbenzylphthalate	13.475	149	182101	47.728	ng	99
81) Benzo(a)anthracene	14.051	228	472894	51.281	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	132609	47.187	ng	99
83) Chrysene	14.086	228	459269	53.811	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258590	56.225	ng	100
85) Di-n-octyl phthalate	14.651	149	478725	63.374	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.051	276	468814	41.127	ng	97
88) Benzo(b)fluoranthene	15.110	252	549352	51.407	ng	# 98
89) Benzo(k)fluoranthene	15.139	252	484648	49.012	ng	# 98
90) Benzo(a)pyrene	15.486	252	490198	52.902	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	390451	42.589	ng	97
92) Benzo(g,h,i)perylene	17.504	276	352371	38.435	ng	97

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

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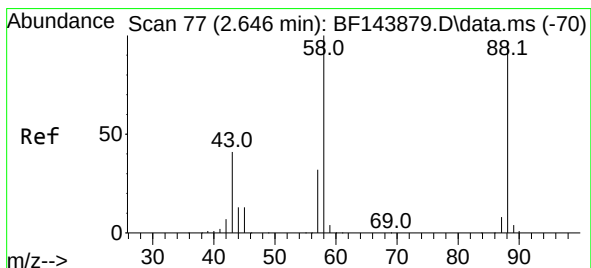
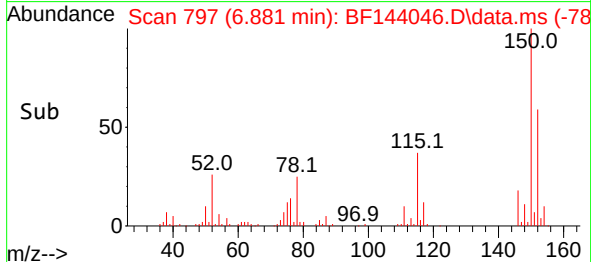
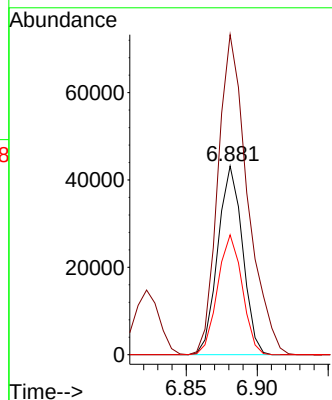
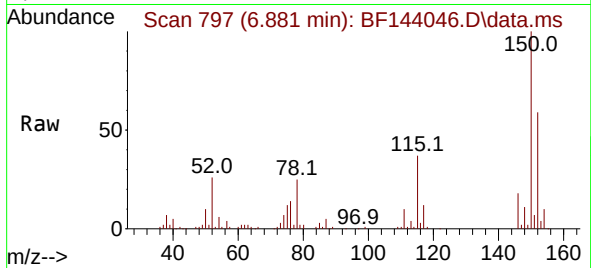




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

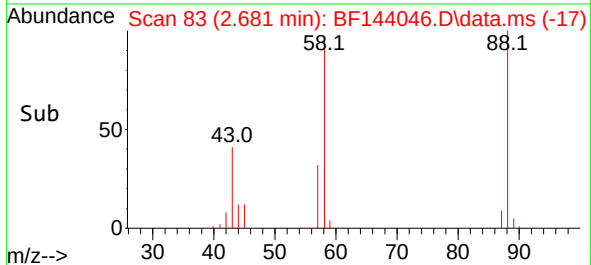
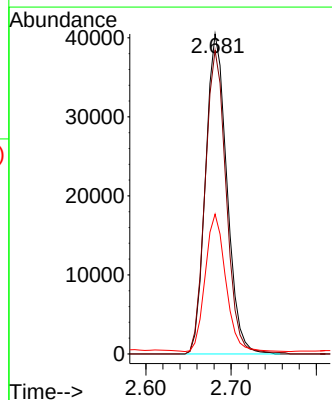
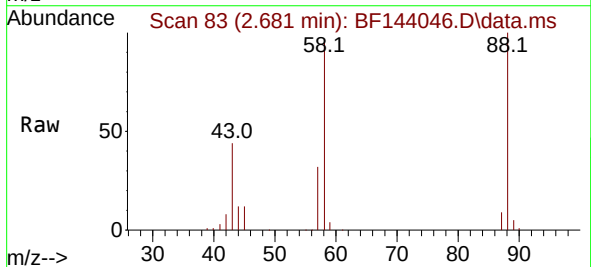
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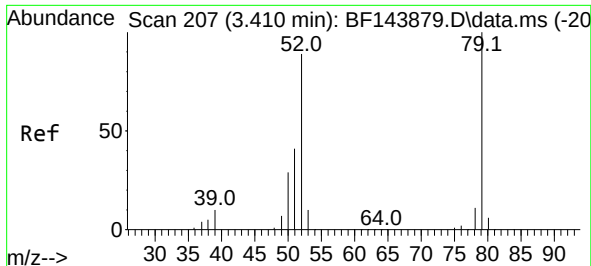
Tgt Ion:152 Resp: 52405
 Ion Ratio Lower Upper
 152 100
 150 169.7 124.4 186.6
 115 63.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: 46.029 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.036 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

Tgt Ion: 88 Resp: 70292
 Ion Ratio Lower Upper
 88 100
 58 93.9 83.0 124.6
 43 41.2 33.9 50.9

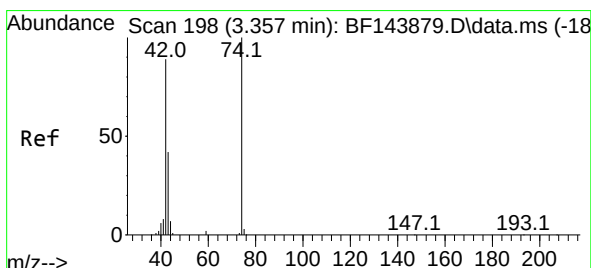
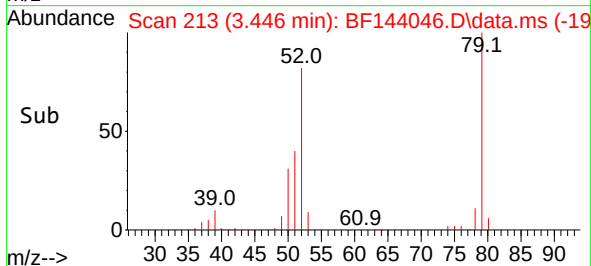
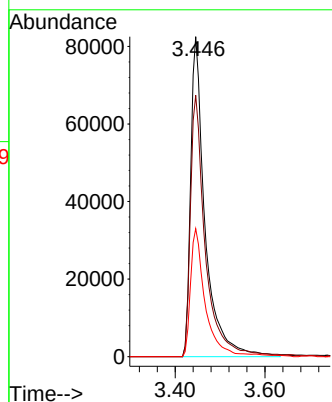
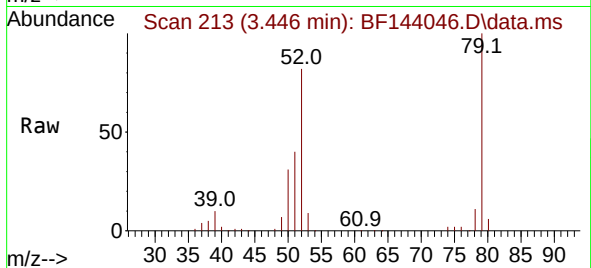




#3
Pyridine
Concen: 41.423 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.030 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

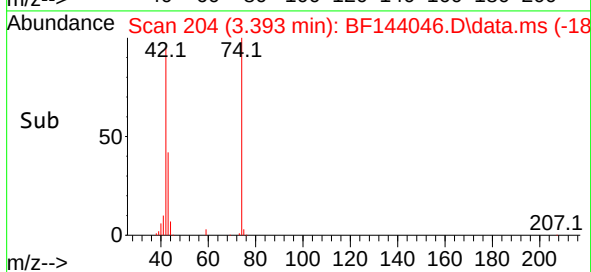
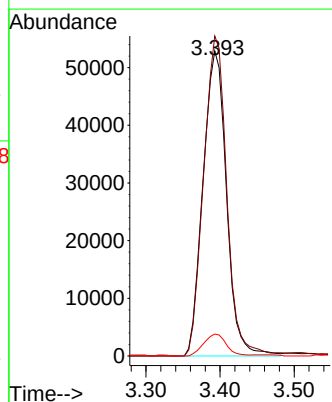
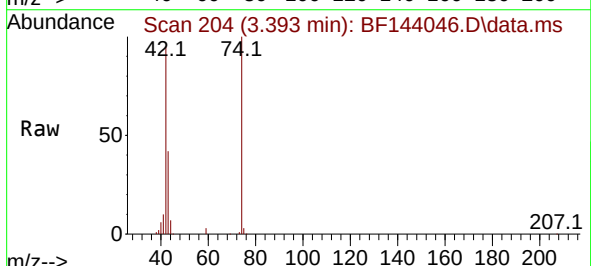
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BNA_F
ClientSampleId :
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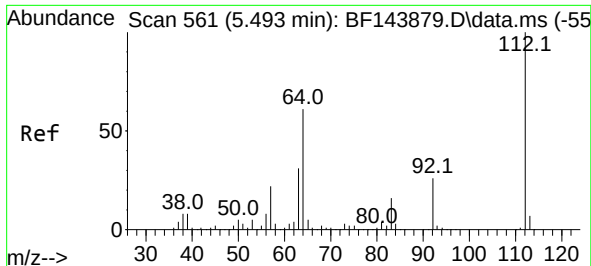
Tgt Ion: 79 Resp: 184153
Ion Ratio Lower Upper
79 100
52 81.7 71.5 107.3
51 40.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 49.810 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 42 Resp: 116488
Ion Ratio Lower Upper
42 100
74 104.9 90.0 135.0
44 7.2 6.2 9.2

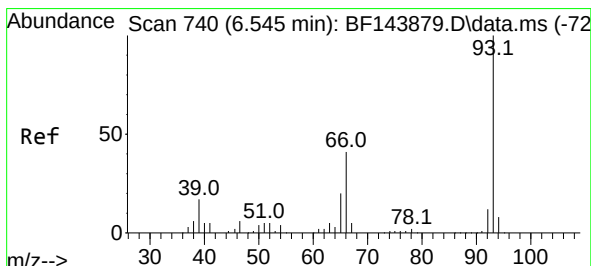
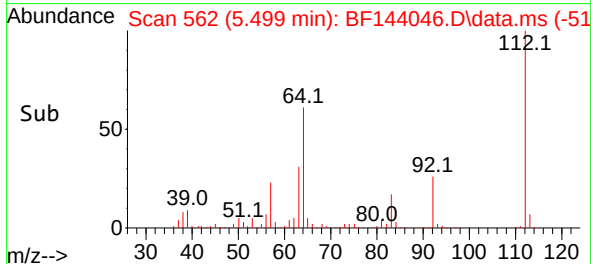
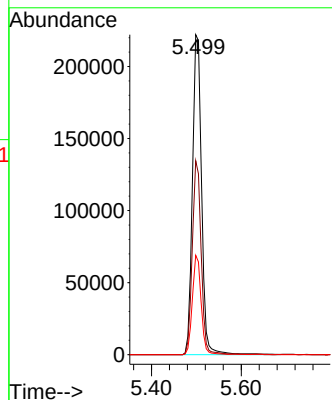
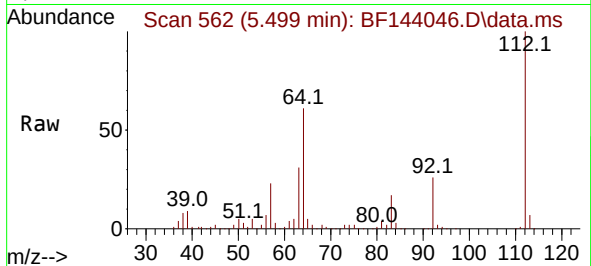




#5
2-Fluorophenol
Concen: 95.454 ng
RT: 5.499 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

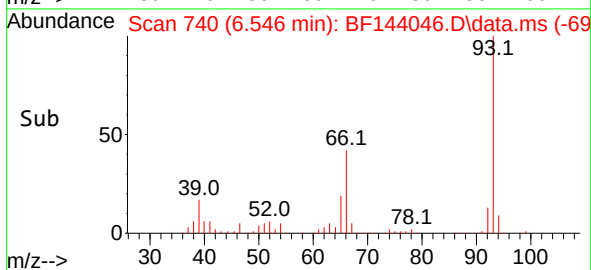
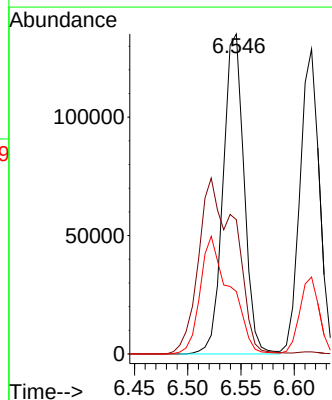
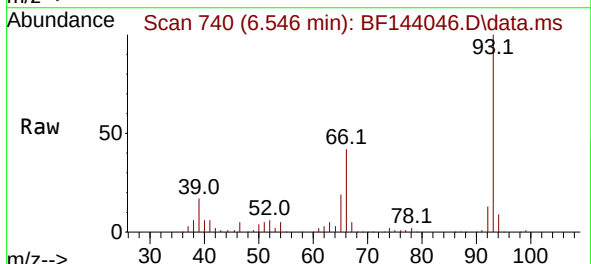
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ClientSampleId :
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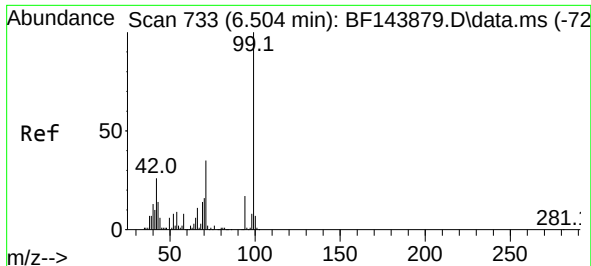
Tgt Ion:112 Resp: 315008
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 31.1 24.5 36.7



#6
Aniline
Concen: 31.348 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 93 Resp: 184778
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 19.5 15.8 23.8

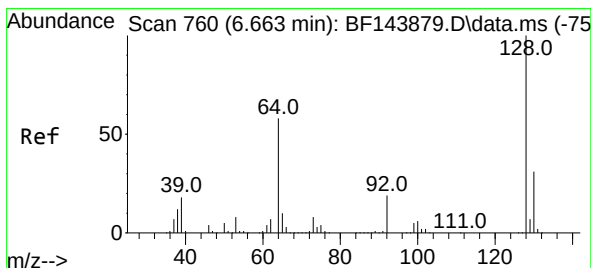
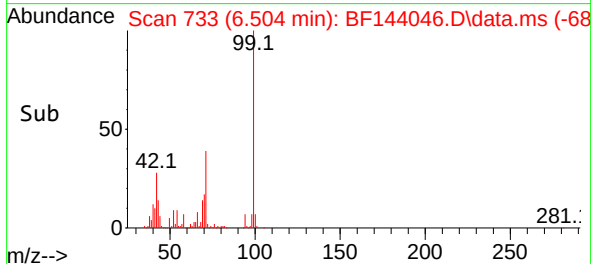
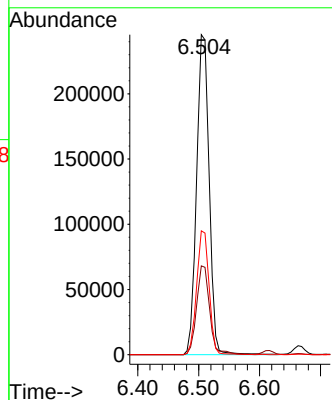
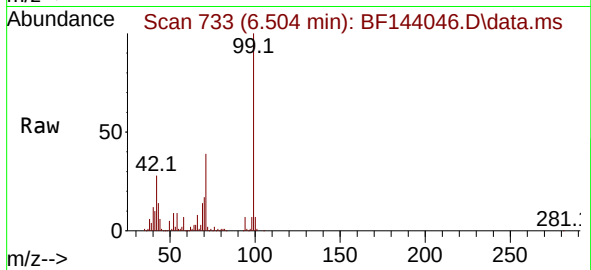




#7
Phenol-d6
Concen: 89.457 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

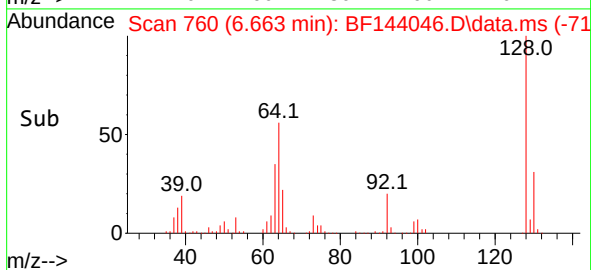
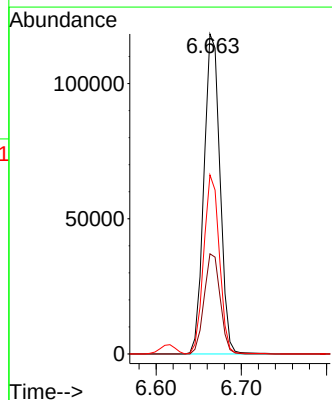
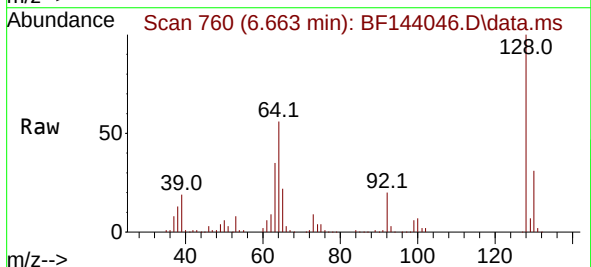
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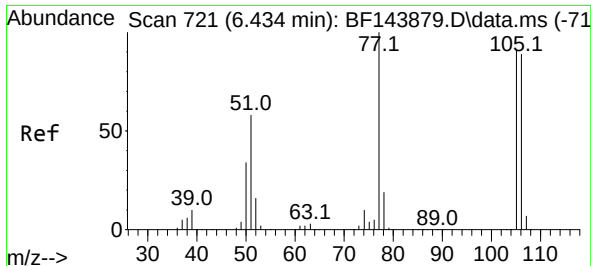
Tgt Ion: 99 Resp: 351883
Ion Ratio Lower Upper
99 100
42 27.8 21.0 31.4
71 38.7 27.8 41.8



#8
2-Chlorophenol
Concen: 47.941 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:128 Resp: 154648
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 55.9 39.0 79.0

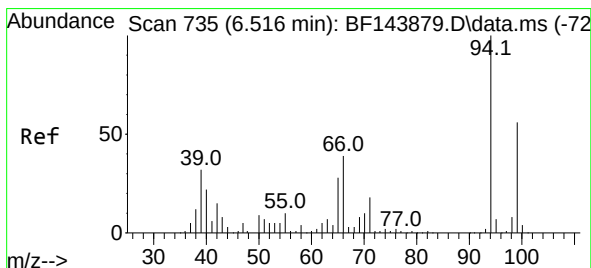
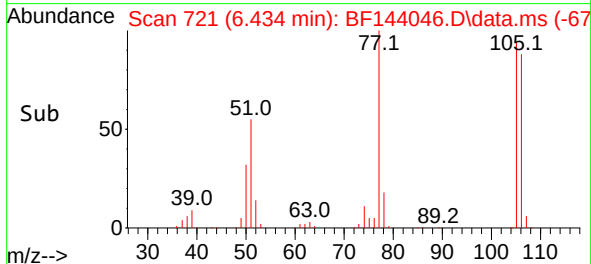
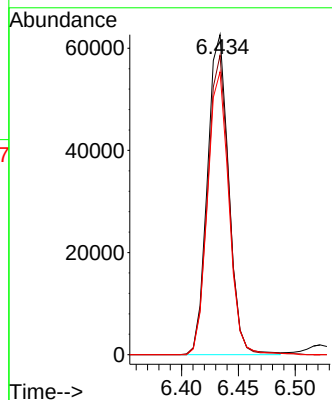
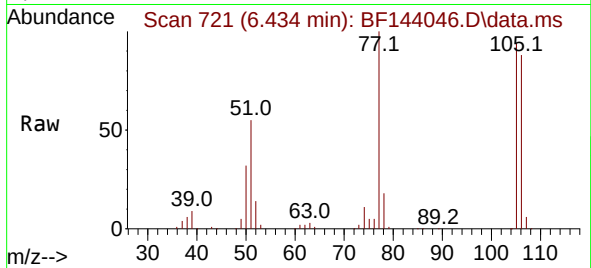




#9
Benzaldehyde
Concen: 26.805 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

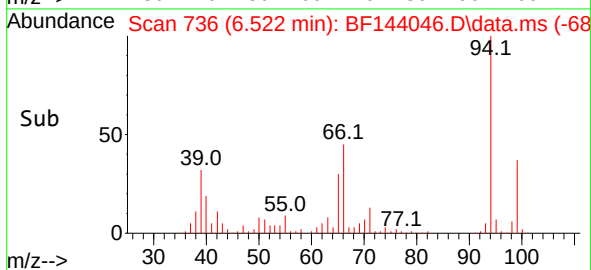
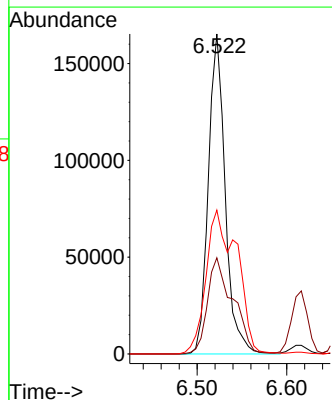
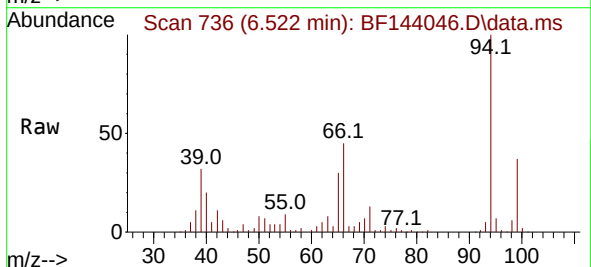
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BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

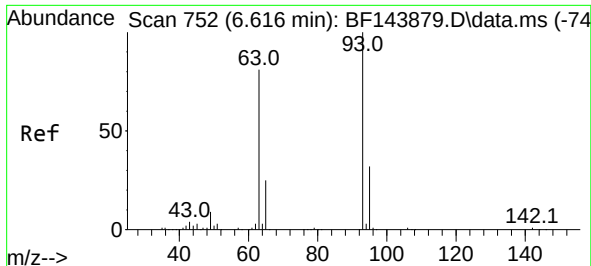
Tgt Ion: 77 Resp: 81335
Ion Ratio Lower Upper
77 100
105 93.6 70.9 110.9
106 88.4 68.9 108.9



#10
Phenol
Concen: 46.001 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 94 Resp: 216329
Ion Ratio Lower Upper
94 100
65 30.1 8.5 48.5
66 44.9 19.9 59.9

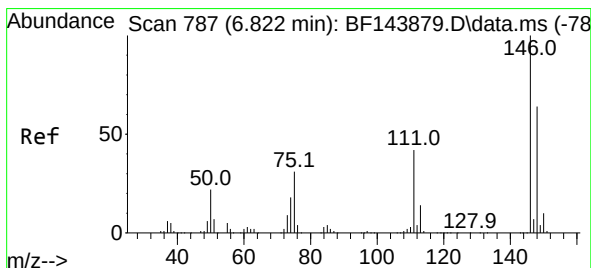
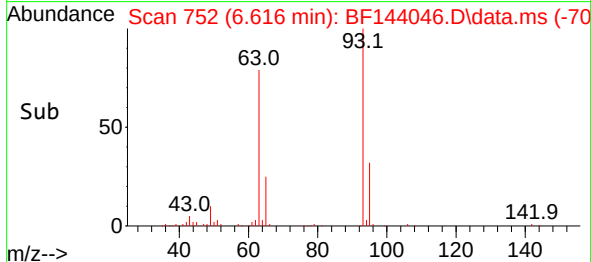
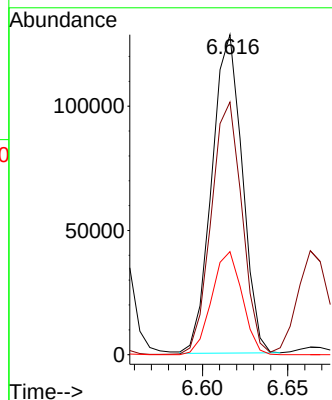
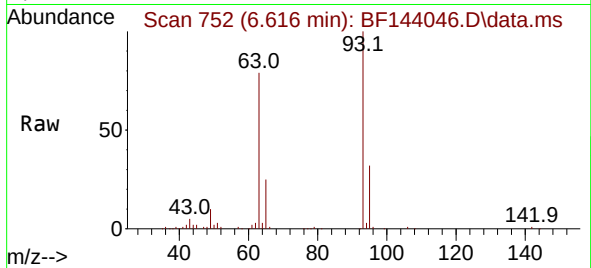




#11
bis(2-Chloroethyl)ether
Concen: 43.888 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

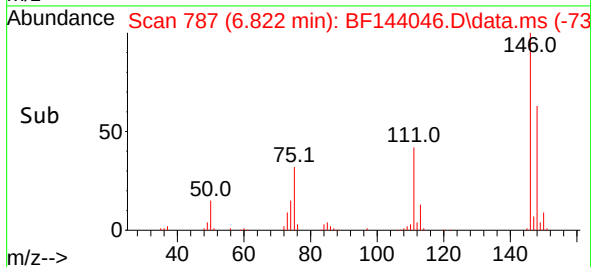
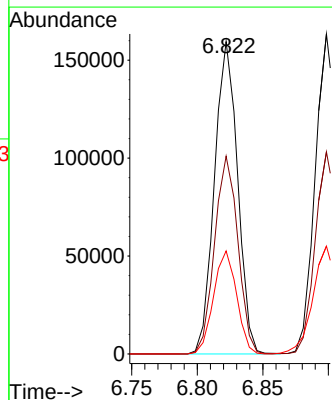
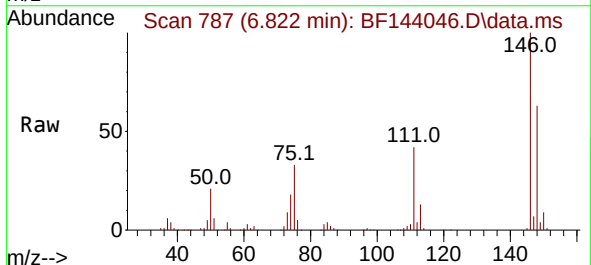
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

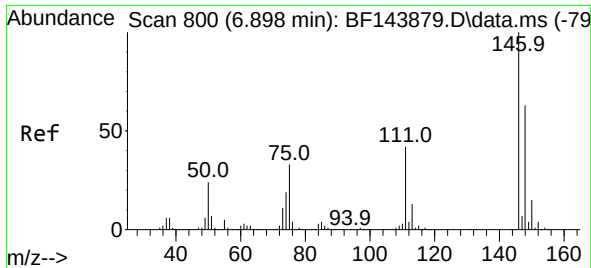
Tgt Ion: 93 Resp: 159431
Ion Ratio Lower Upper
93 100
63 79.0 60.9 100.9
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 50.640 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:146 Resp: 195541
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 33.0 24.9 37.3

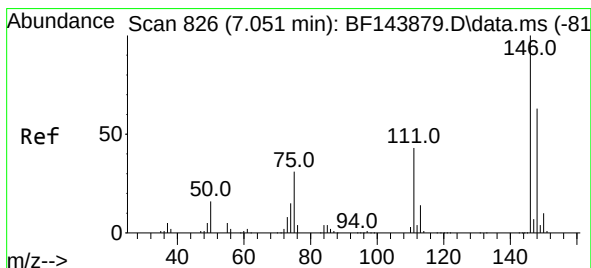
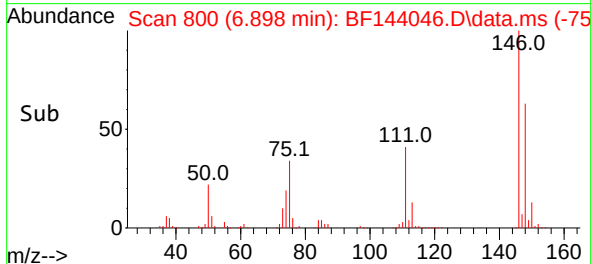
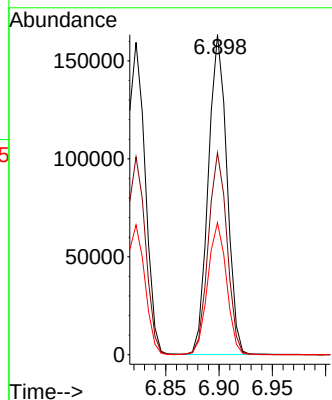
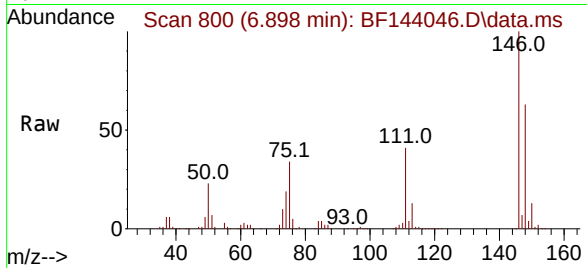




#13
1,4-Dichlorobenzene
Concen: 52.132 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

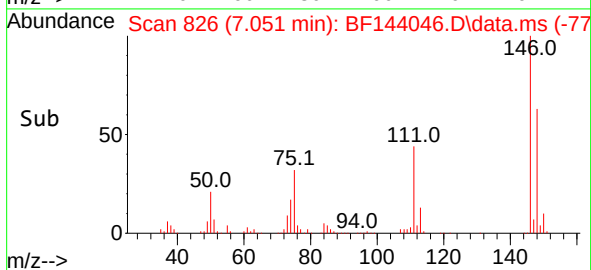
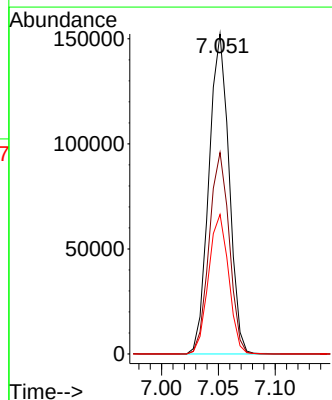
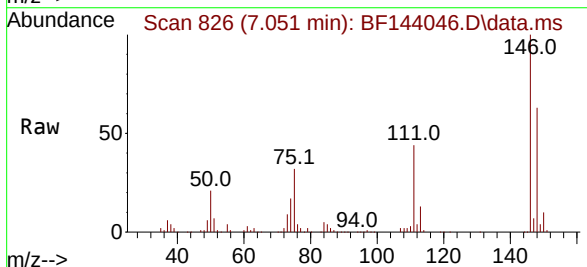
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

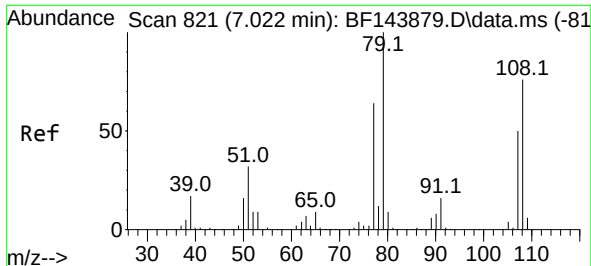
Tgt Ion:146 Resp: 198566
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 41.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 51.493 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:146 Resp: 187864
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
111 43.6 34.6 51.8

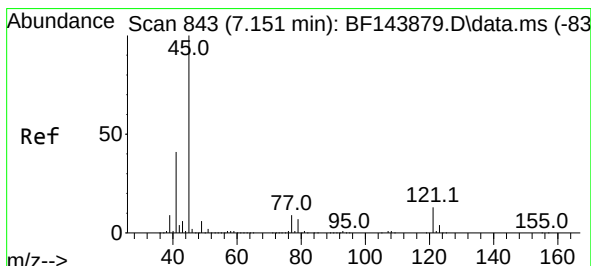
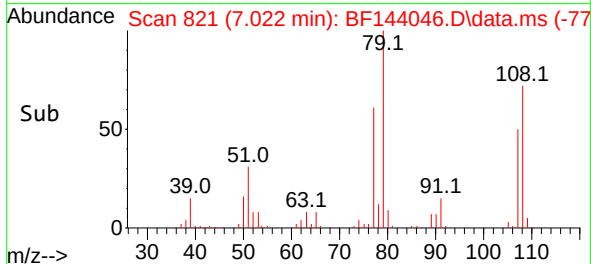
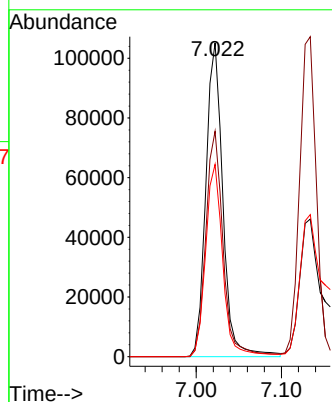
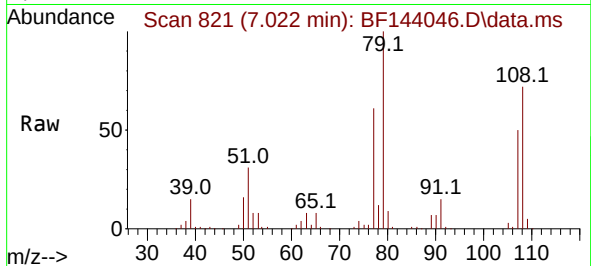




#15
Benzyl Alcohol
Concen: 49.550 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

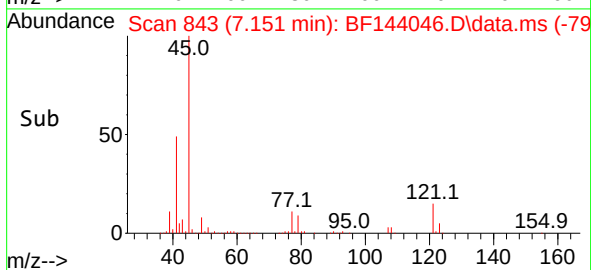
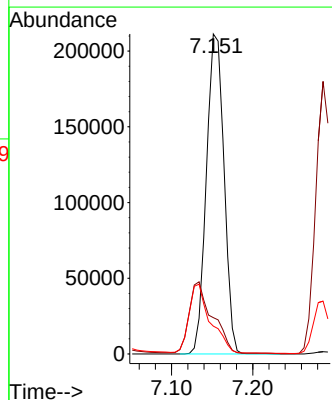
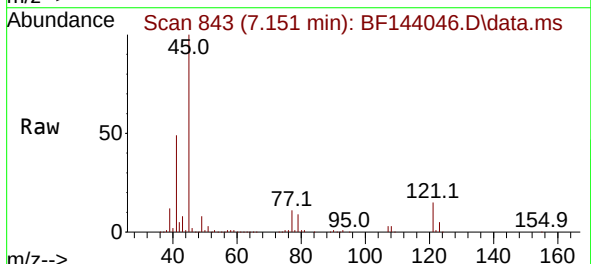
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

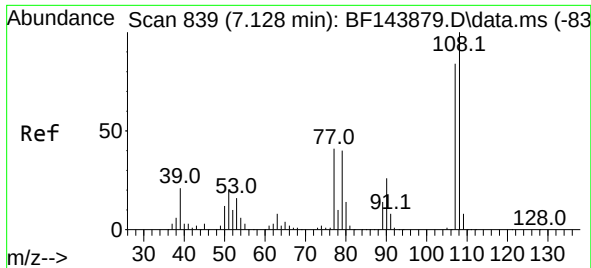
Tgt Ion: 79 Resp: 146036
Ion Ratio Lower Upper
79 100
108 71.9 60.8 91.2
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.549 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 45 Resp: 318759
Ion Ratio Lower Upper
45 100
77 11.3 0.0 29.0
79 8.7 0.0 26.8

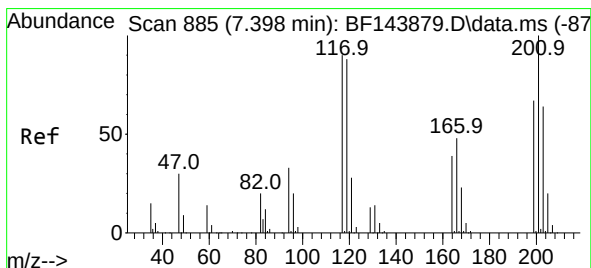
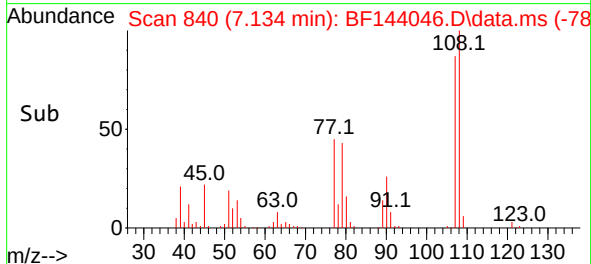
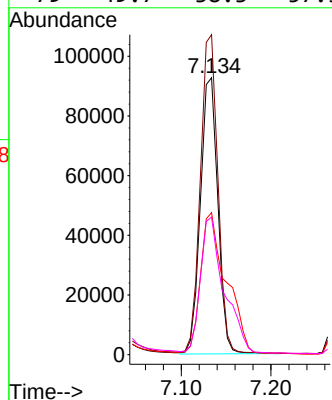
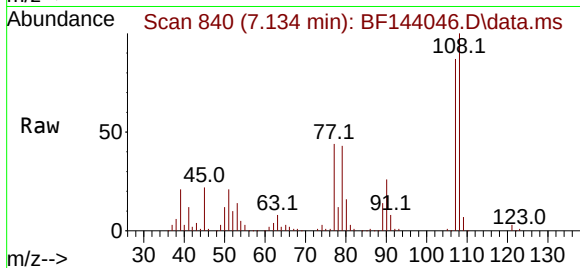




#17
2-Methylphenol
Concen: 46.853 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

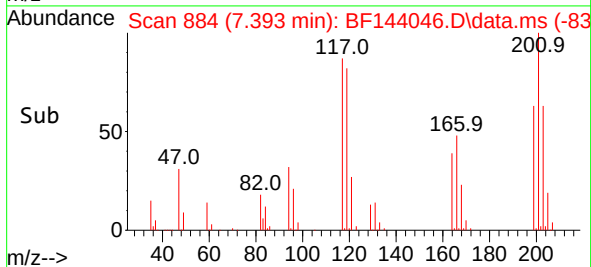
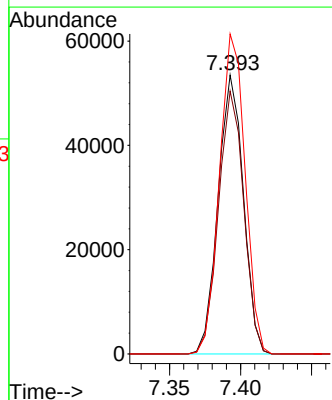
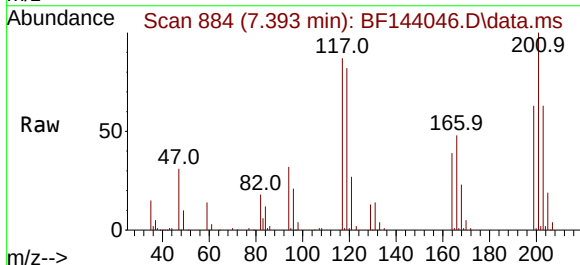
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

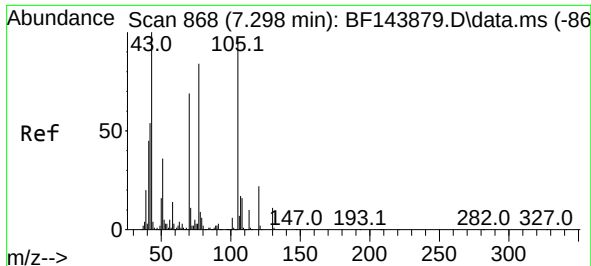
Tgt Ion:	107	Resp:	124908
Ion Ratio	Lower	Upper	
107	100		
108	115.5	94.7	142.1
77	51.3	38.8	58.2
79	49.7	38.3	57.5



#18
Hexachloroethane
Concen: 52.091 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:	117	Resp:	66169
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.8	116.8
201	114.7	88.5	132.7

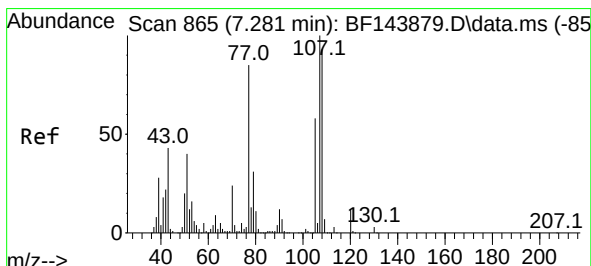
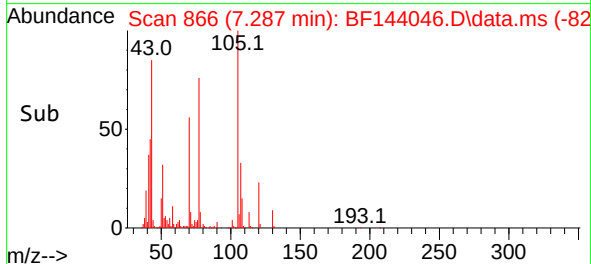
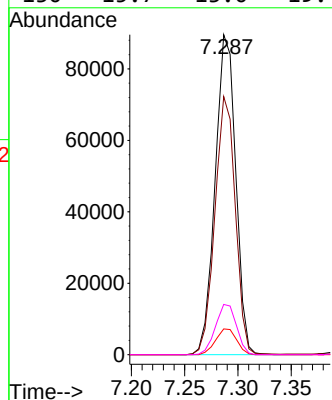
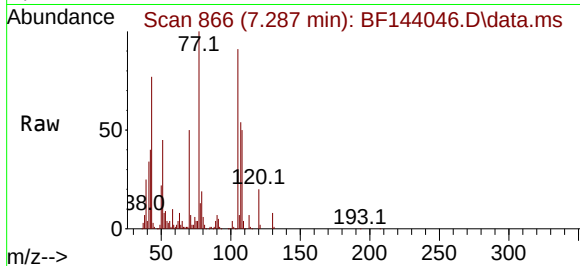




#19
n-Nitroso-di-n-propylamine
Concen: 44.609 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

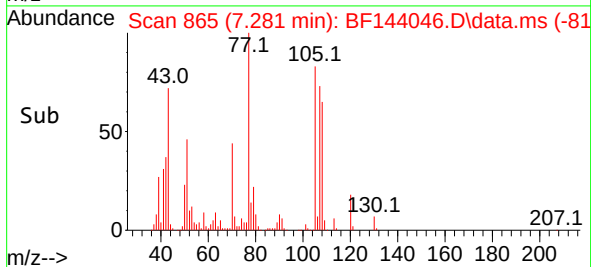
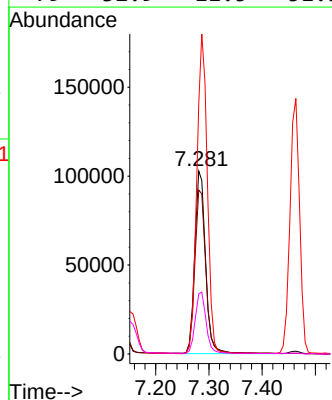
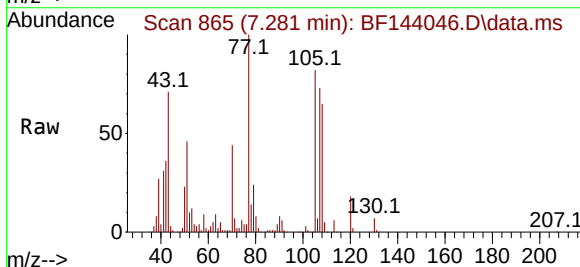
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

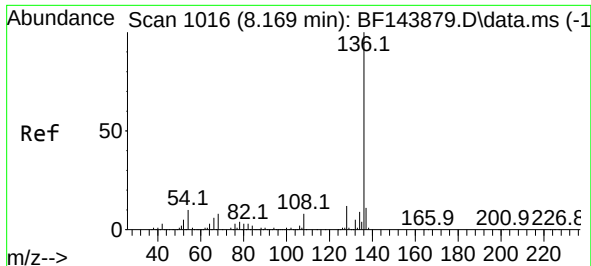
Tgt Ion: 70 Resp: 120112
Ion Ratio Lower Upper
70 100
42 80.6 62.8 94.2
101 8.0 6.7 10.1
130 15.7 13.0 19.4



#20
3+4-Methylphenols
Concen: 47.084 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 145482
Ion Ratio Lower Upper
107 100
108 89.6 73.0 113.0
77 136.8 64.6 104.6#
79 32.9 11.5 51.5

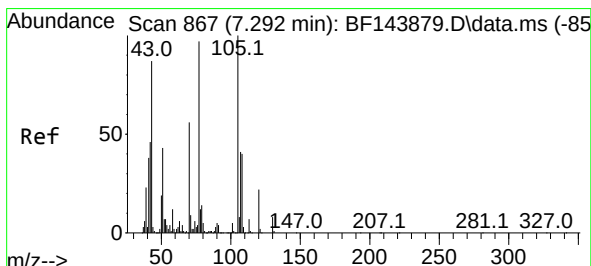
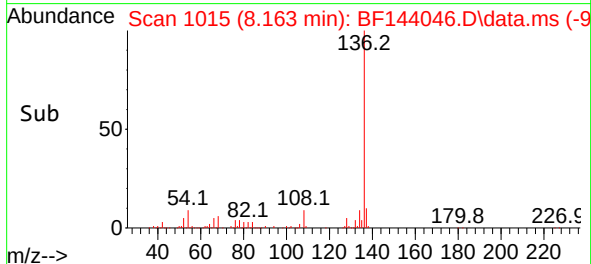
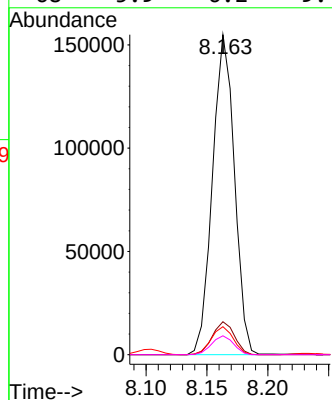
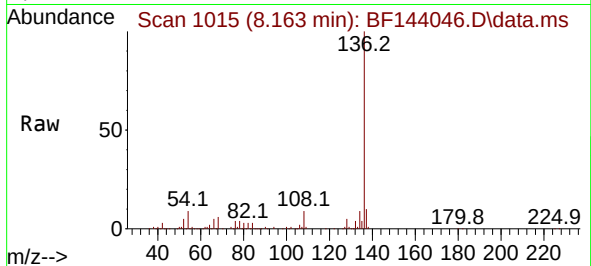




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

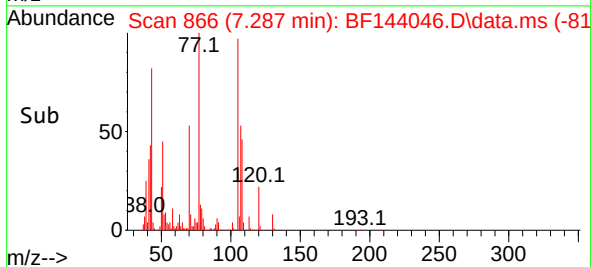
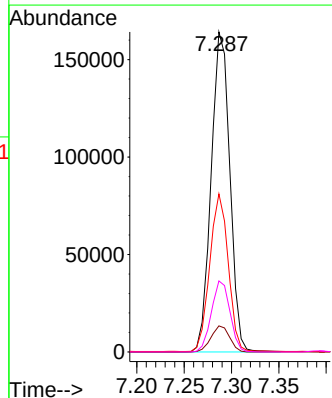
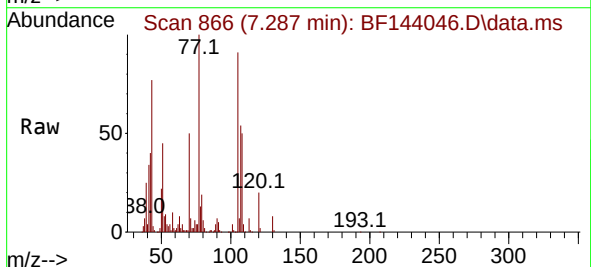
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

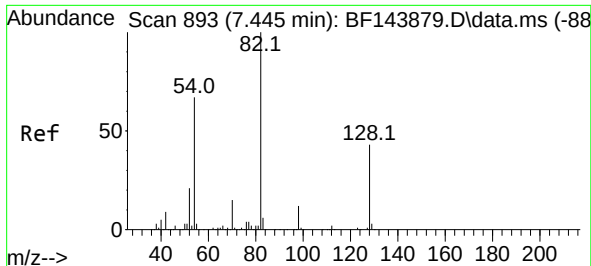
Tgt Ion:	136	Resp:	194453
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	8.7	8.2	12.4
68	5.9	6.2	9.4



#22
Acetophenone
Concen: 54.741 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:	105	Resp:	225071
Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.4	11.0
51	49.4	34.2	51.4
120	22.2	17.7	26.5

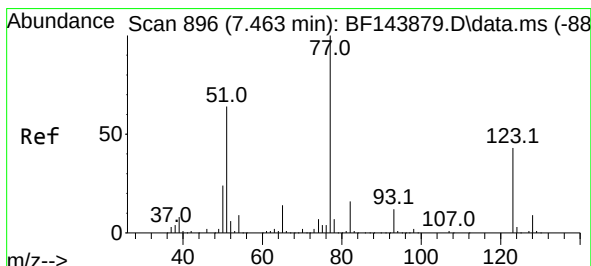
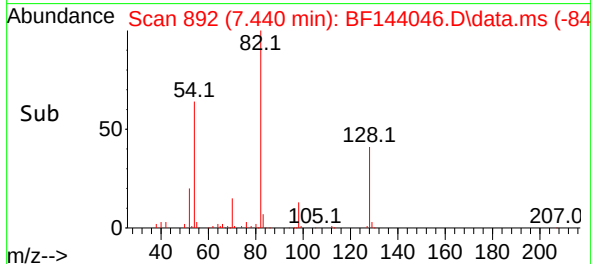
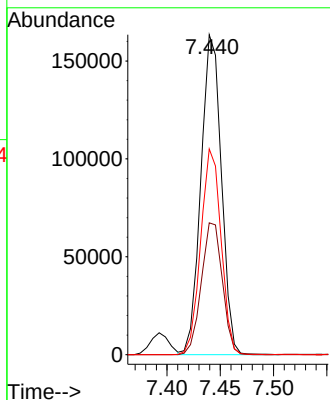
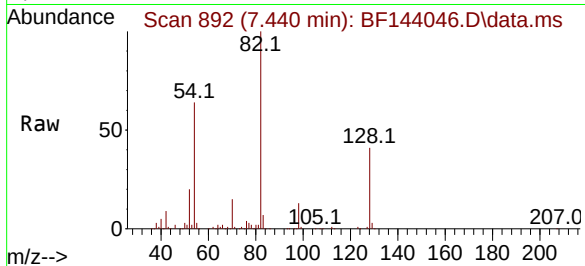




#23
Nitrobenzene-d5
Concen: 68.407 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

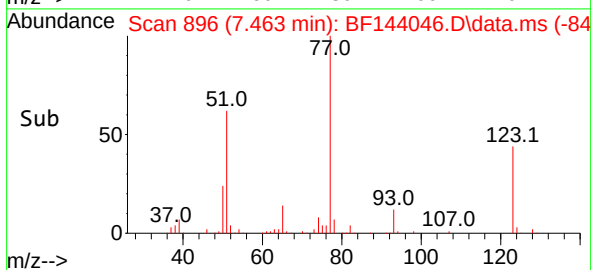
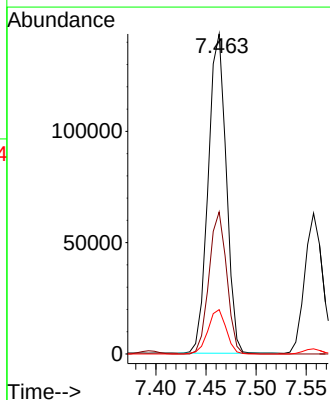
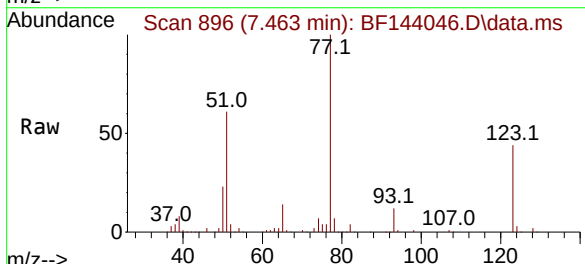
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

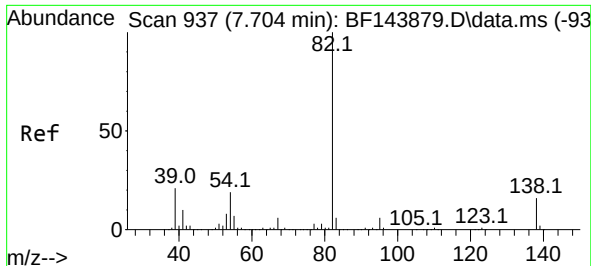
Tgt Ion: 82 Resp: 218945
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 64.3 53.2 79.8



#24
Nitrobenzene
Concen: 50.554 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 77 Resp: 179684
Ion Ratio Lower Upper
77 100
123 44.4 34.2 51.4
65 13.8 11.0 16.6

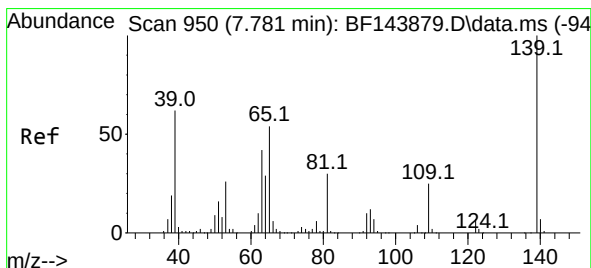
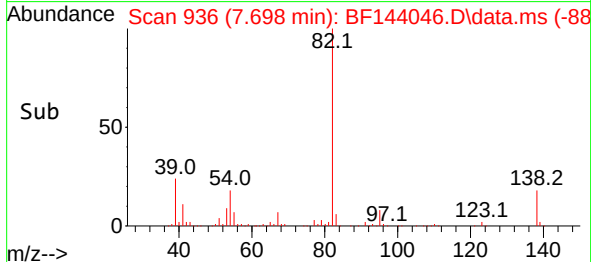
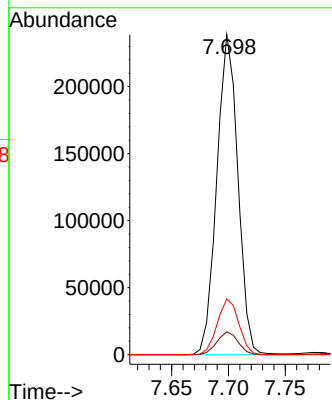
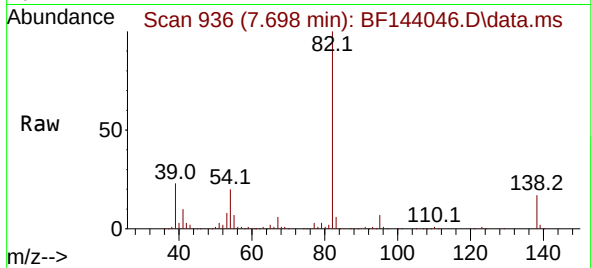




#25
Isophorone
Concen: 45.738 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

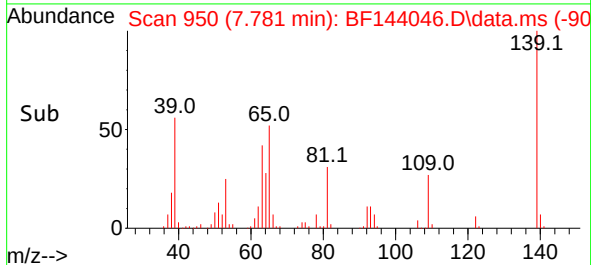
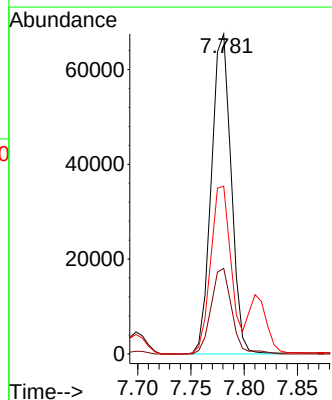
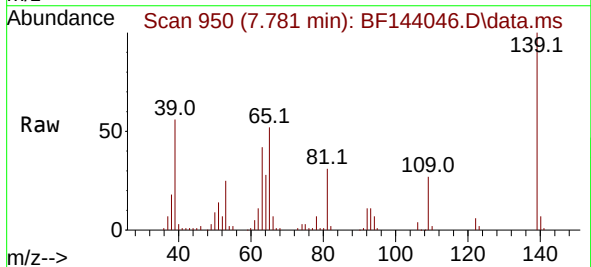
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

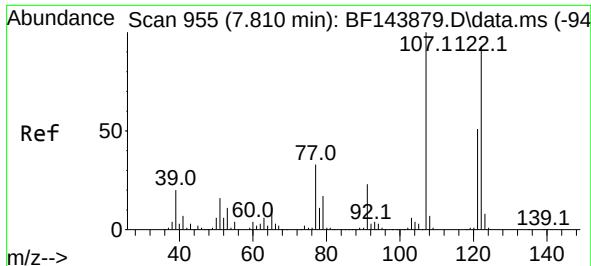
Tgt Ion: 82 Resp: 308671
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 17.4 12.9 19.3



#26
2-Nitrophenol
Concen: 57.447 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:139 Resp: 87540
Ion Ratio Lower Upper
139 100
109 26.8 19.8 29.6
65 52.5 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 53.293 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144046.D

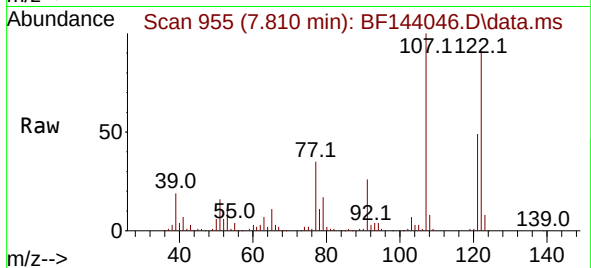
Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD



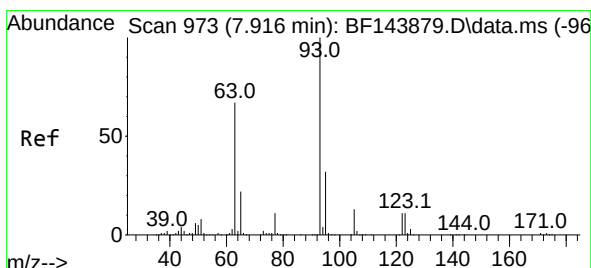
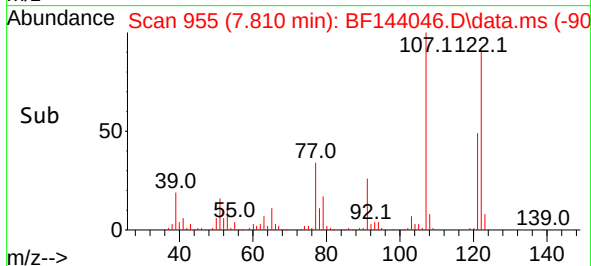
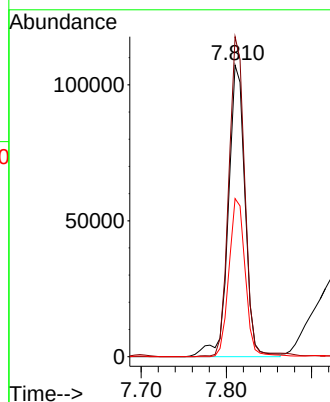
Tgt Ion:122 Resp: 146086

Ion Ratio Lower Upper

122 100

107 109.8 86.1 129.1

121 54.2 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.755 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

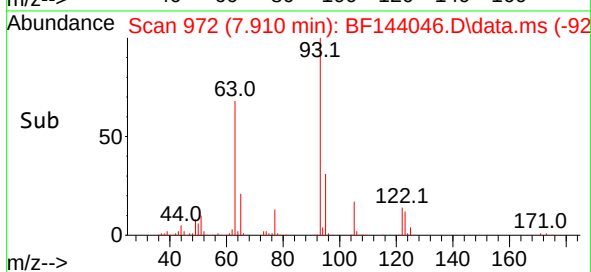
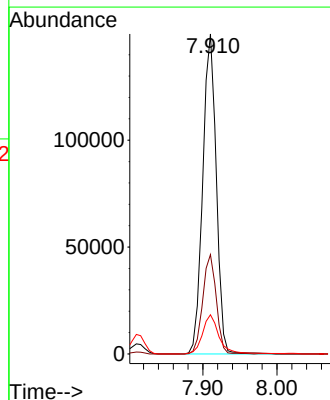
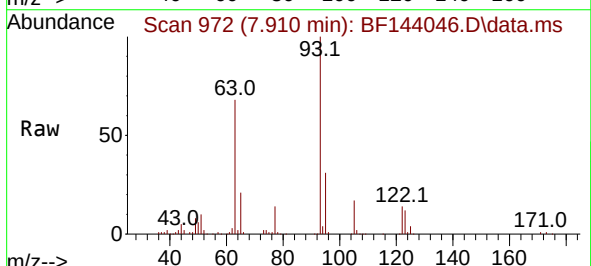
Tgt Ion: 93 Resp: 190792

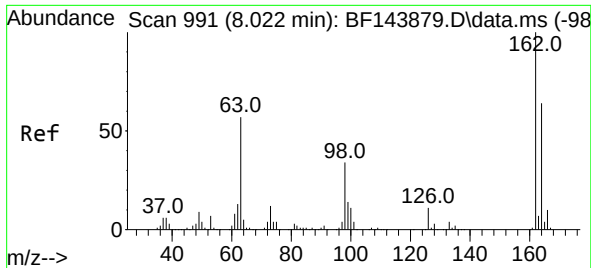
Ion Ratio Lower Upper

93 100

95 31.1 25.9 38.9

123 12.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.220 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144046.D

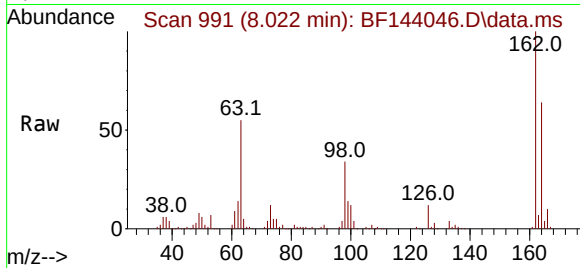
Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD



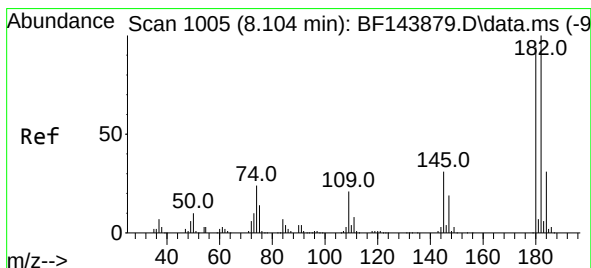
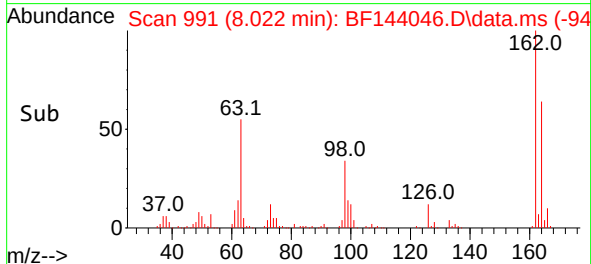
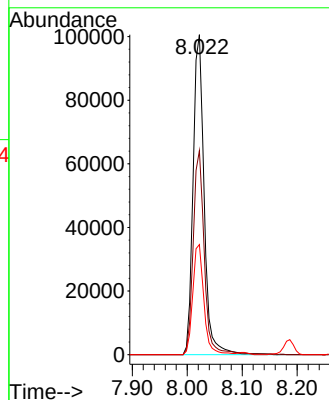
Tgt Ion:162 Resp: 140538

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 34.4 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 54.183 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

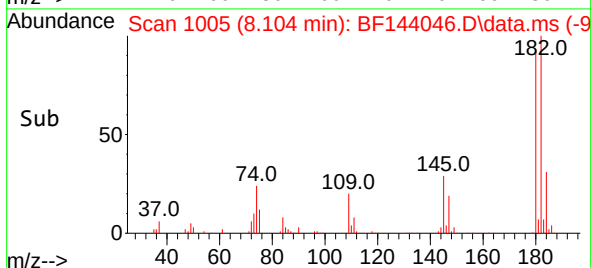
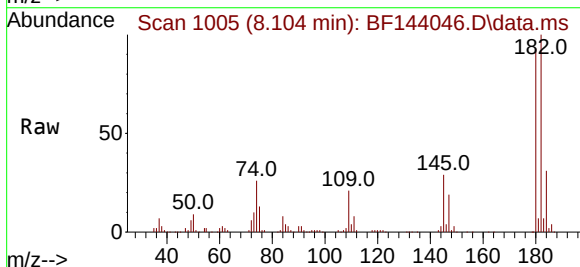
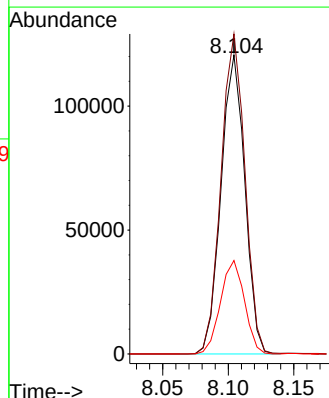
Tgt Ion:180 Resp: 152155

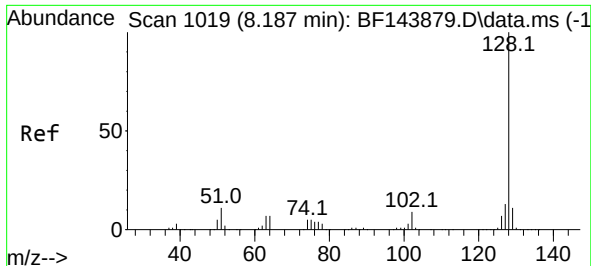
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

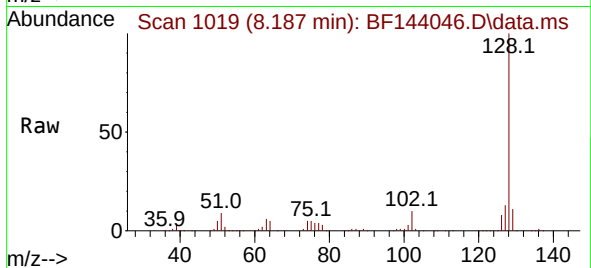
145 31.3 26.3 39.5



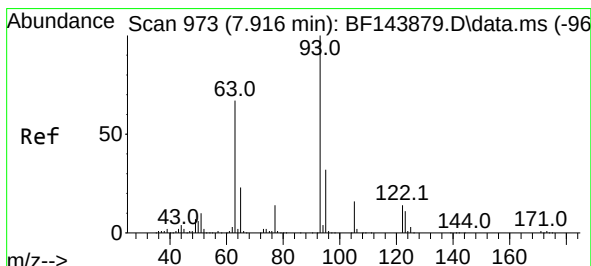
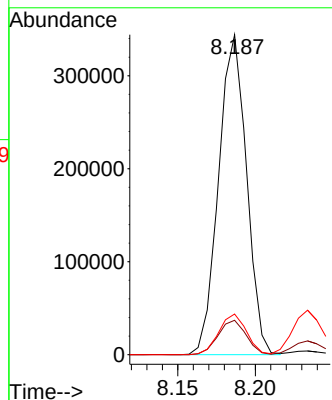
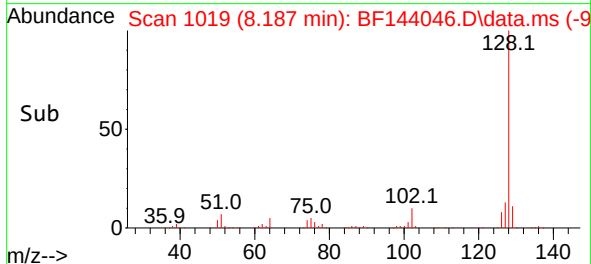


#31
Naphthalene
Concen: 48.790 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

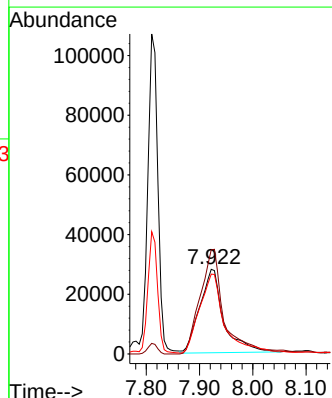
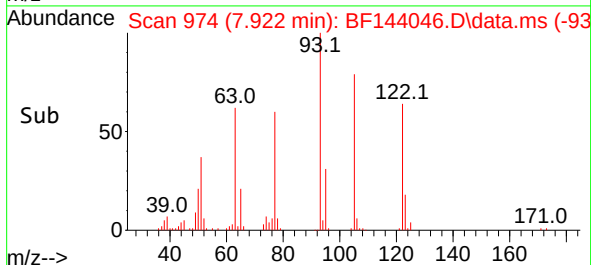
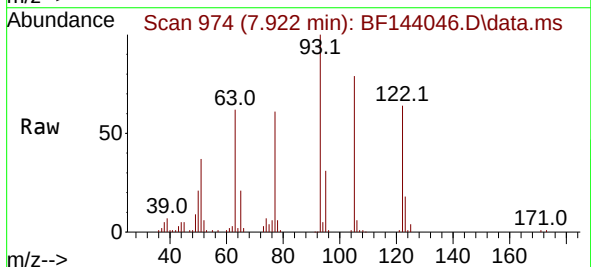


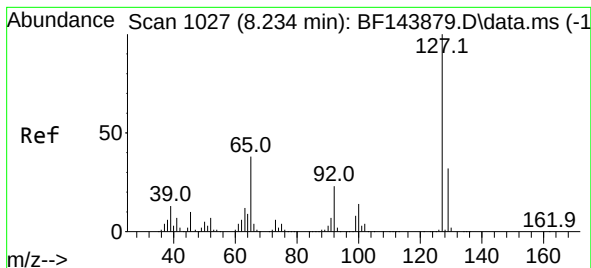
Tgt Ion:128 Resp: 431571
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 45.987 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:122 Resp: 87243
Ion Ratio Lower Upper
122 100
105 123.0 93.5 133.5
77 94.4 76.3 116.3





#33

4-Chloroaniline

Concen: 20.541 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:127 Resp: 68144

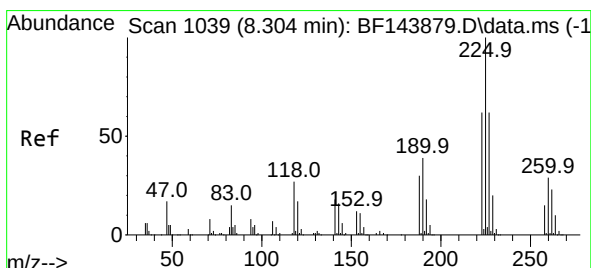
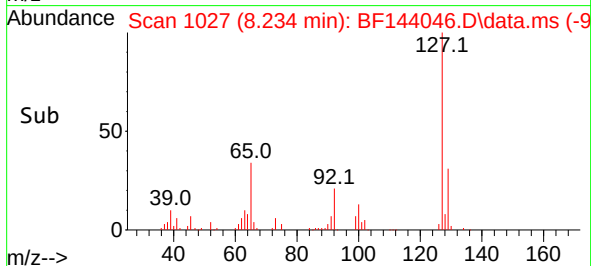
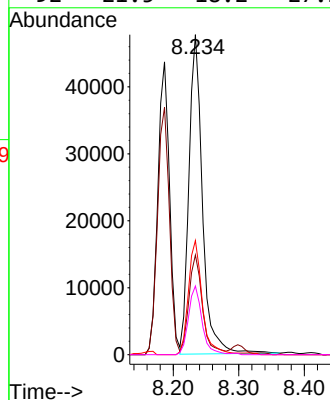
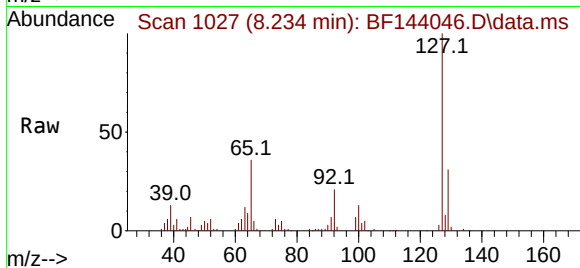
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.8

65 35.7 30.0 45.0

92 21.5 18.2 27.2



#34

Hexachlorobutadiene

Concen: 56.642 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

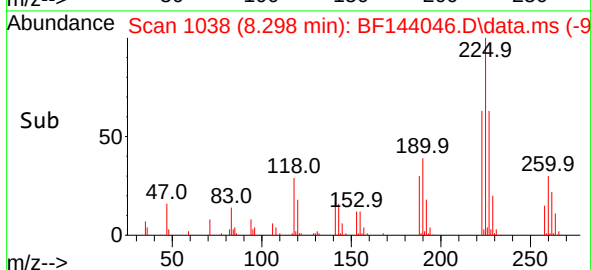
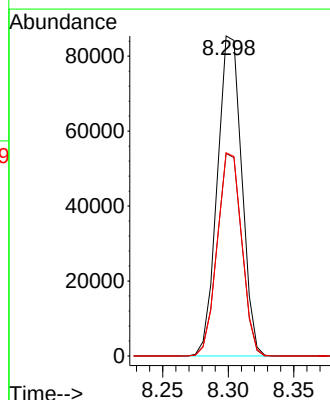
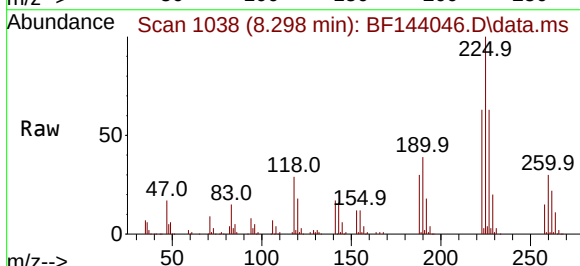
Tgt Ion:225 Resp: 110530

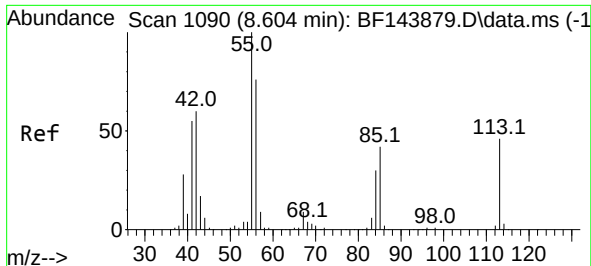
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

227 63.5 49.7 74.5

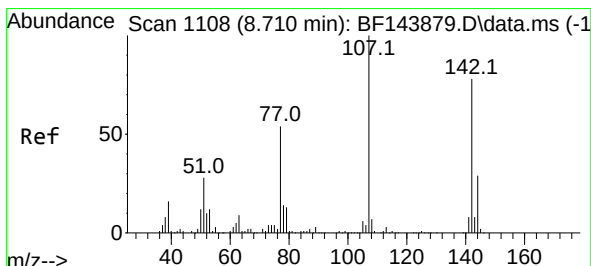
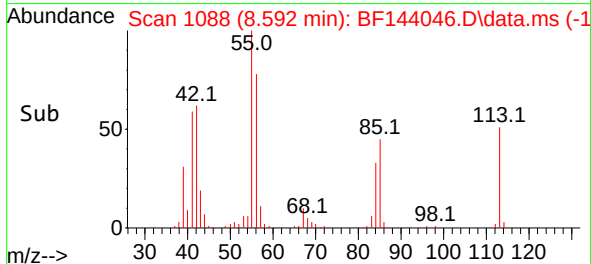
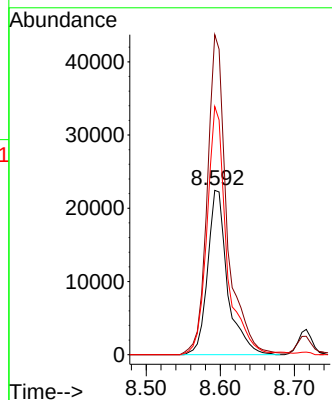
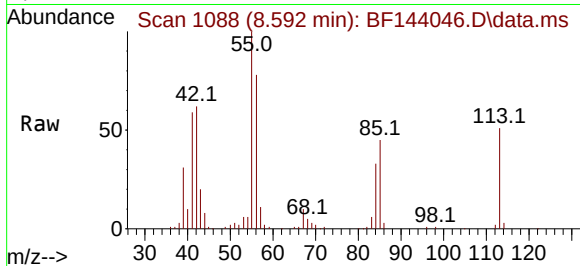




#35
 Caprolactam
 Concen: 46.192 ng
 RT: 8.592 min Scan# 1109
 Delta R.T. -0.053 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

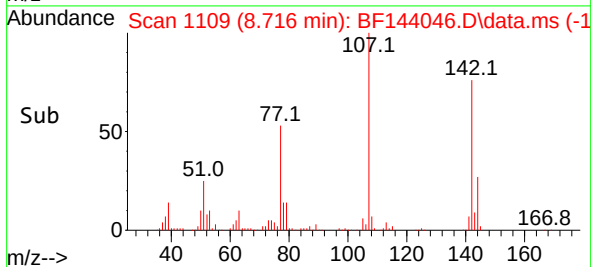
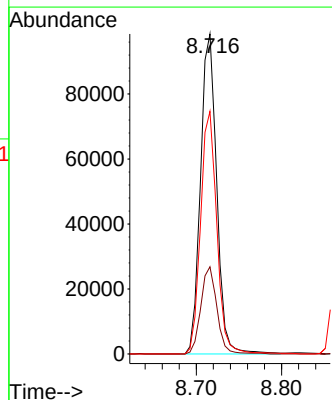
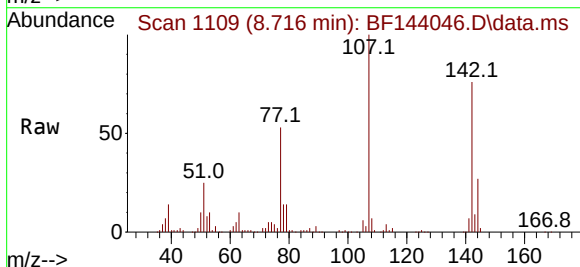
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

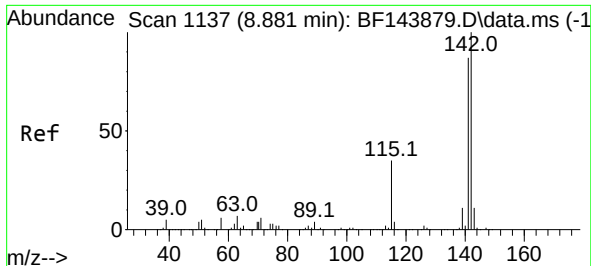
Tgt Ion:113 Resp: 41937
 Ion Ratio Lower Upper
 113 100
 55 194.7 199.6 239.6#
 56 151.0 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.430 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 130088
 Ion Ratio Lower Upper
 107 100
 144 27.3 23.1 34.7
 142 75.8 62.6 94.0

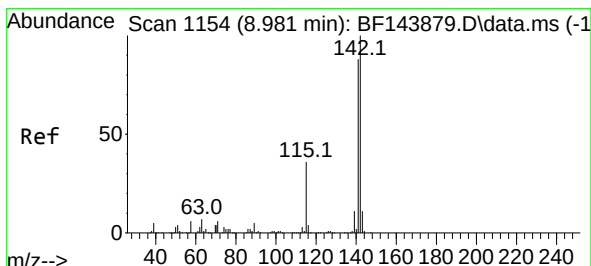
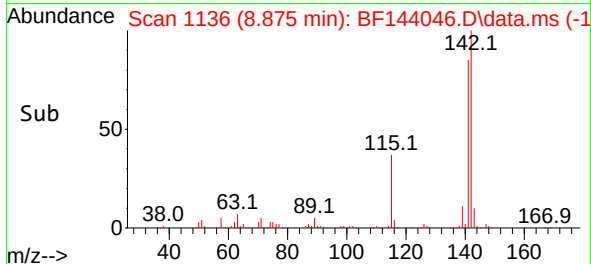
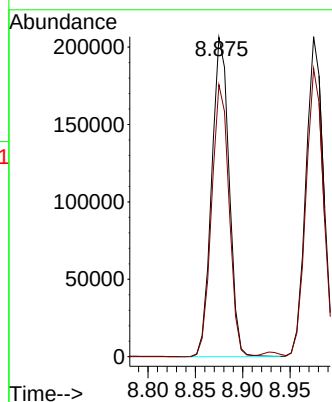
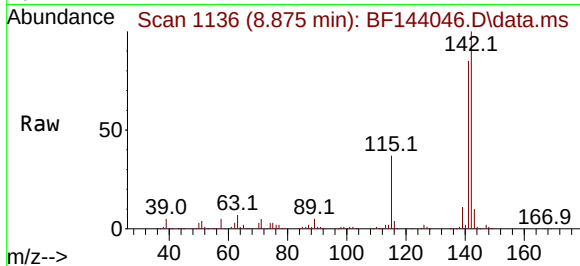




#37
2-Methylnaphthalene
Concen: 44.787 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

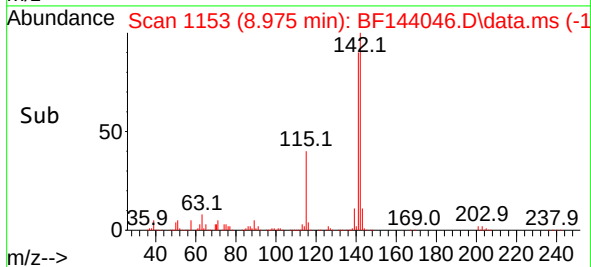
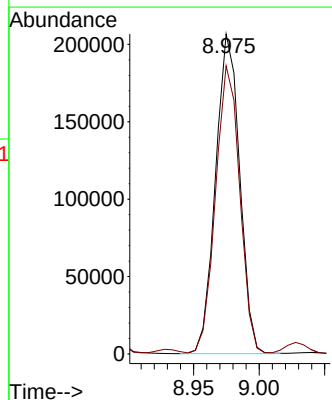
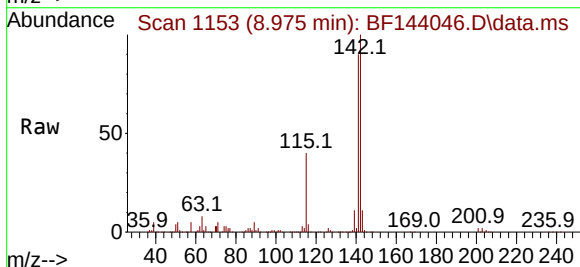
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

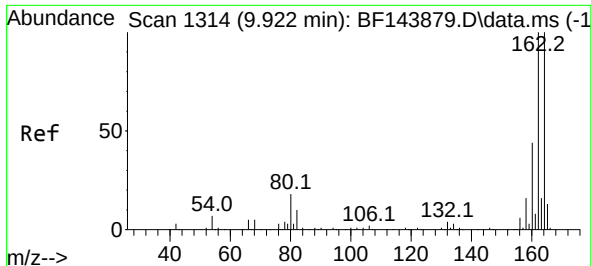
Tgt Ion:142 Resp: 263894
Ion Ratio Lower Upper
142 100
141 85.2 69.2 103.8



#38
1-Methylnaphthalene
Concen: 46.124 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:142 Resp: 263614
Ion Ratio Lower Upper
142 100
141 90.0 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: BF144046.D

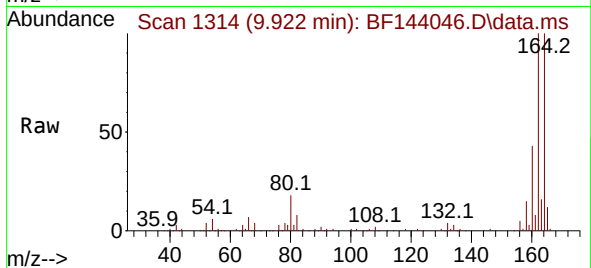
Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD



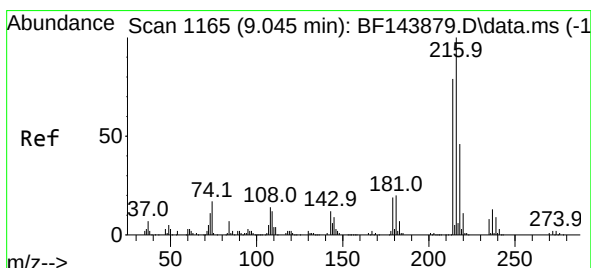
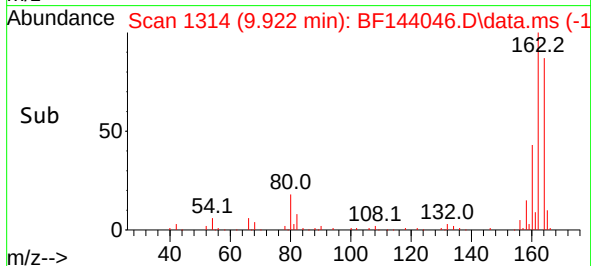
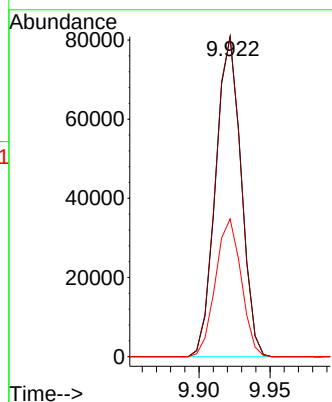
Tgt Ion:164 Resp: 100404

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 43.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.749 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:216 Resp: 171355

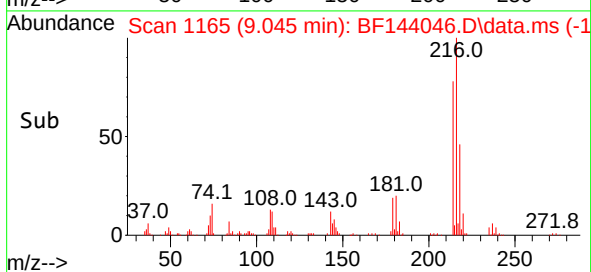
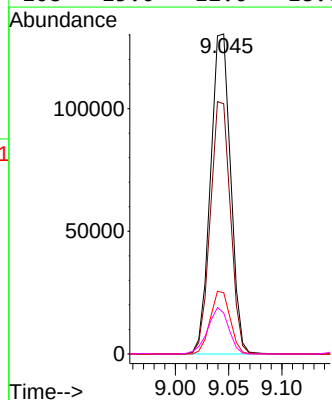
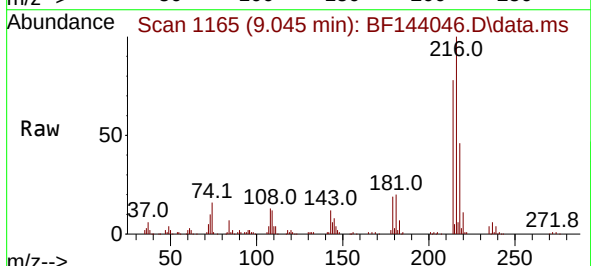
Ion Ratio Lower Upper

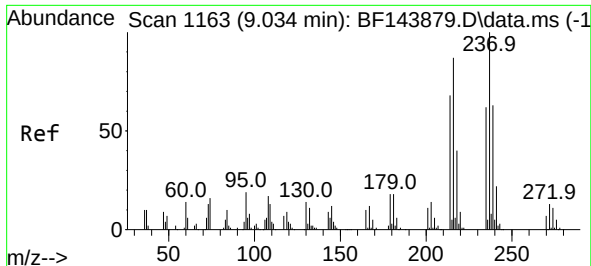
216 100

214 78.4 62.6 94.0

179 19.3 15.4 23.0

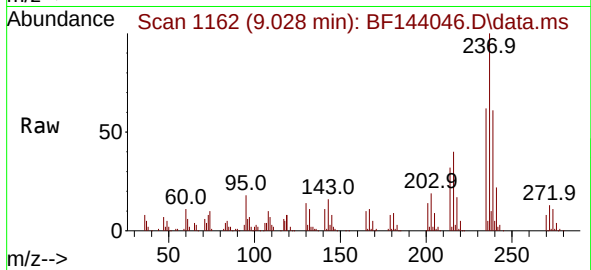
108 15.0 12.0 18.0



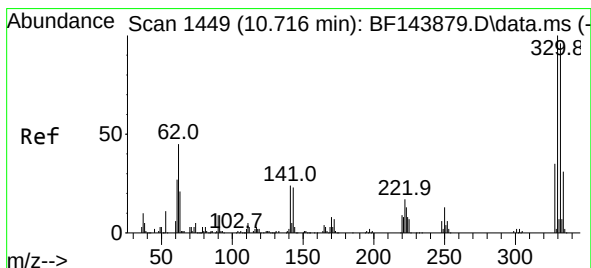
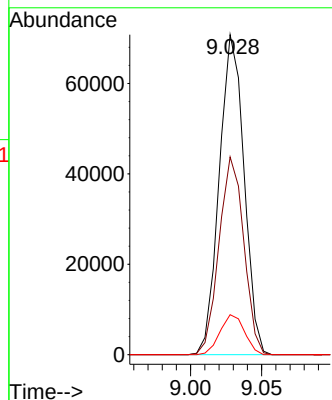
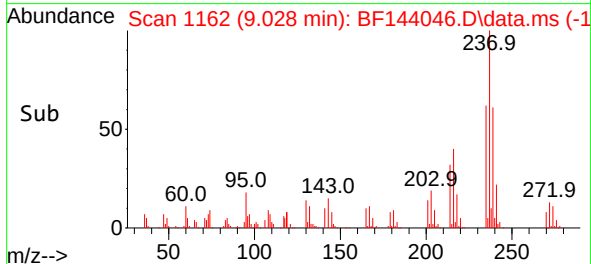


#41
Hexachlorocyclopentadiene
Concen: 74.523 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

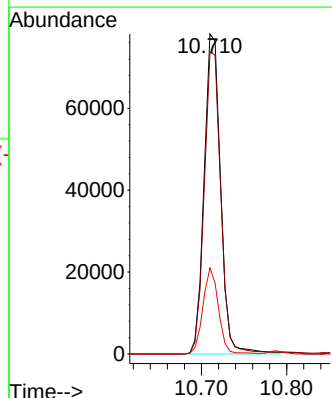
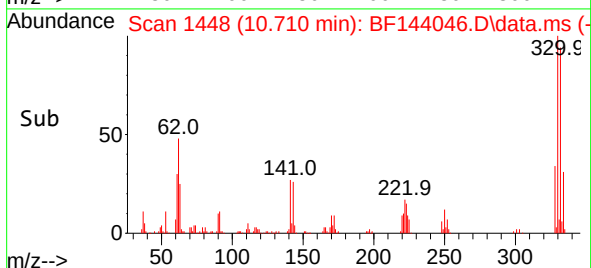
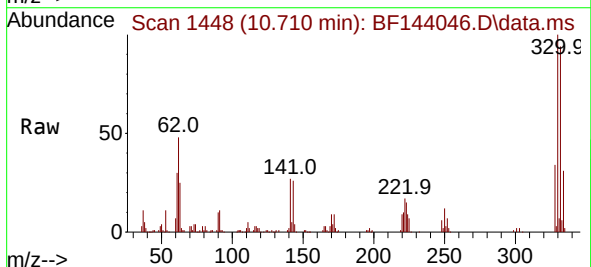


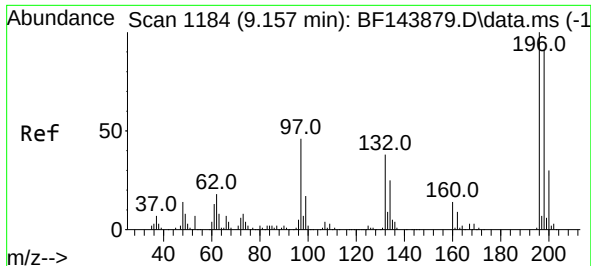
Tgt Ion:237 Resp: 85794
Ion Ratio Lower Upper
237 100
235 61.8 42.3 82.3
272 12.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 105.326 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:330 Resp: 105331
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 25.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 50.123 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

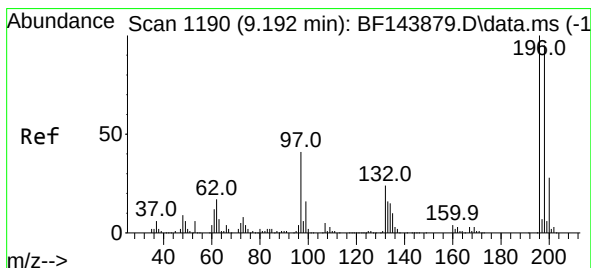
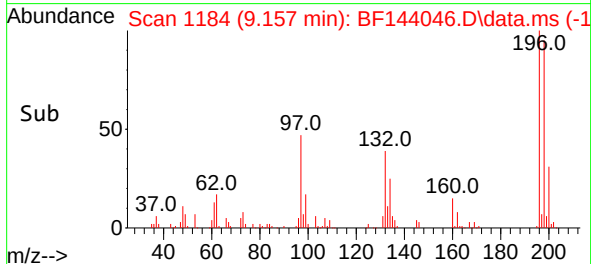
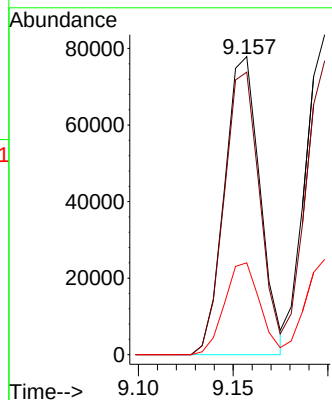
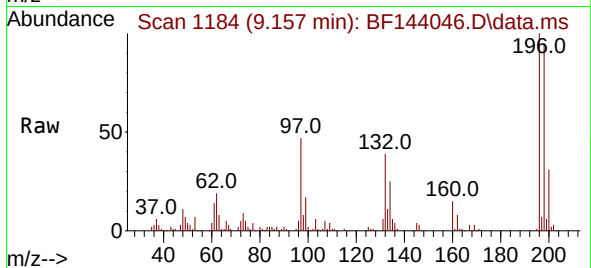
Tgt Ion:196 Resp: 101629

Ion Ratio Lower Upper

196 100

198 94.8 72.8 109.2

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.895 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:196 Resp: 113337

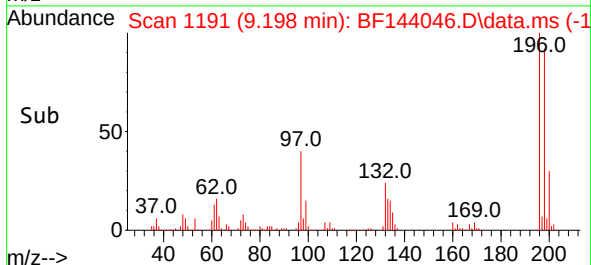
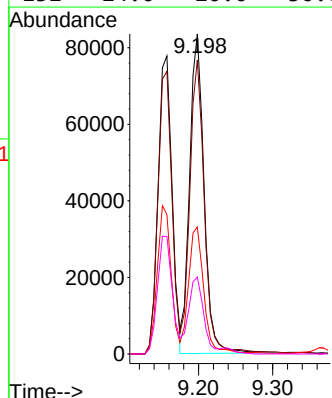
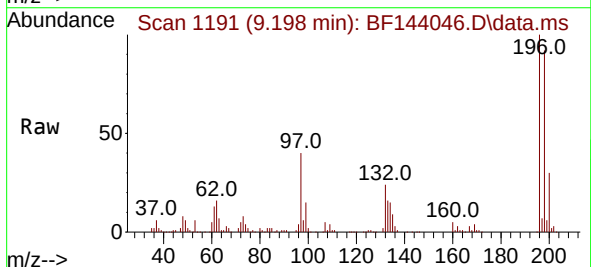
Ion Ratio Lower Upper

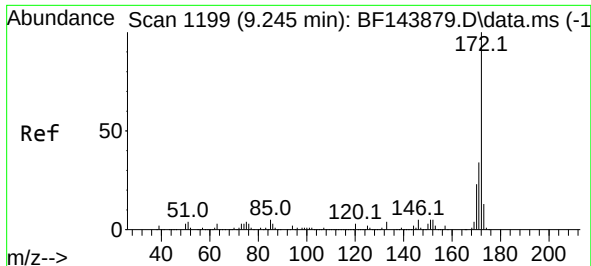
196 100

198 91.9 75.5 113.3

97 39.7 33.9 50.9

132 24.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.531 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

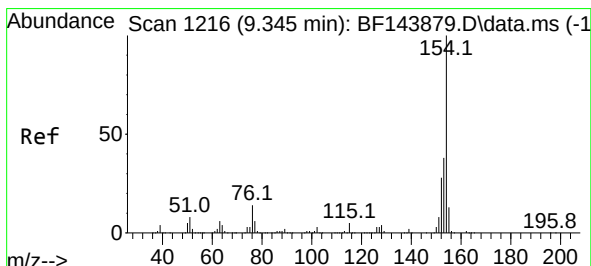
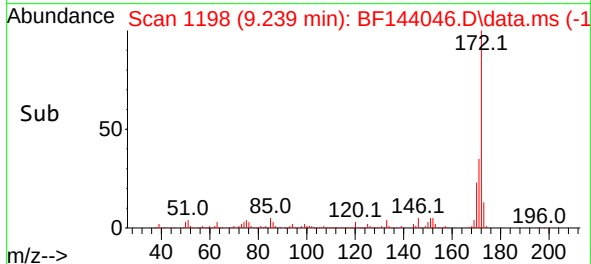
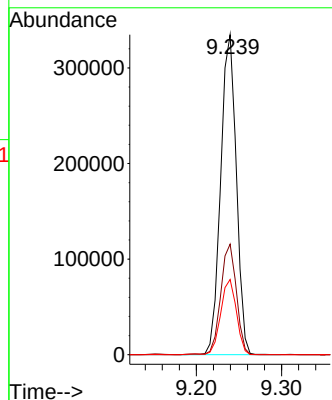
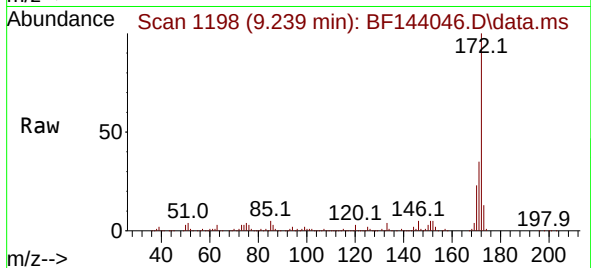
Tgt Ion:172 Resp: 427316

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 56.582 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

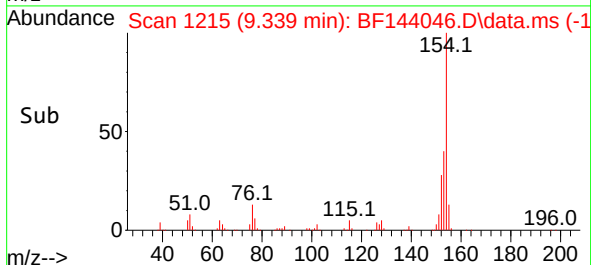
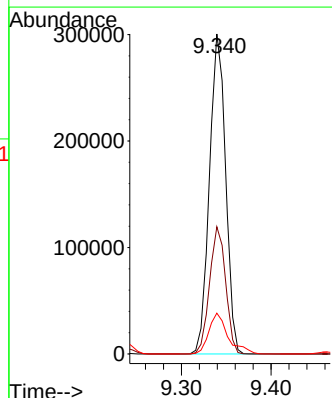
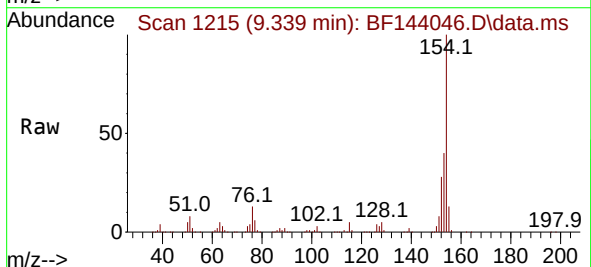
Tgt Ion:154 Resp: 376138

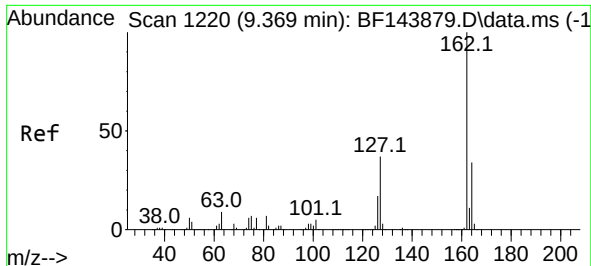
Ion Ratio Lower Upper

154 100

153 39.7 18.4 58.4

76 12.8 0.0 34.0

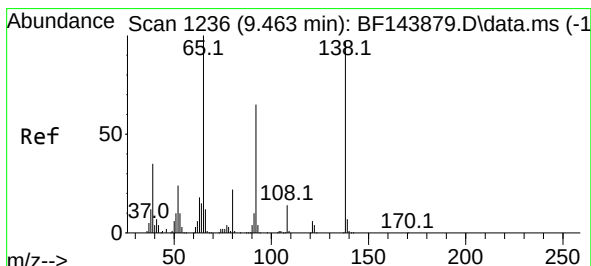
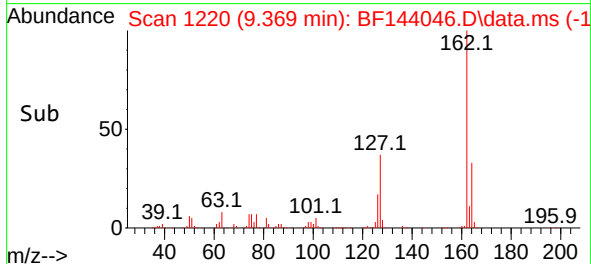
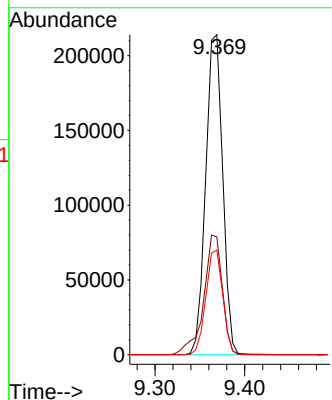
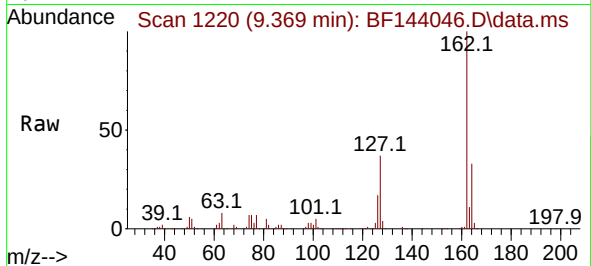




#47
2-Chloronaphthalene
Concen: 50.887 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

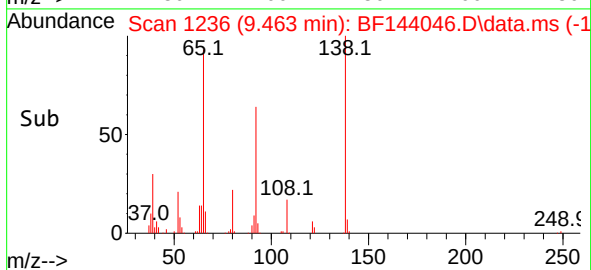
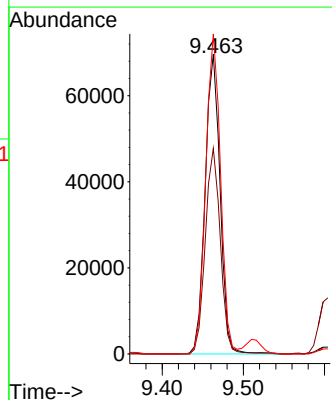
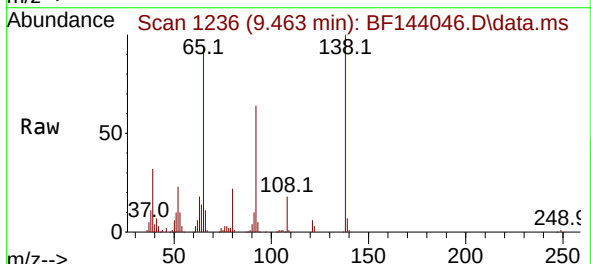
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

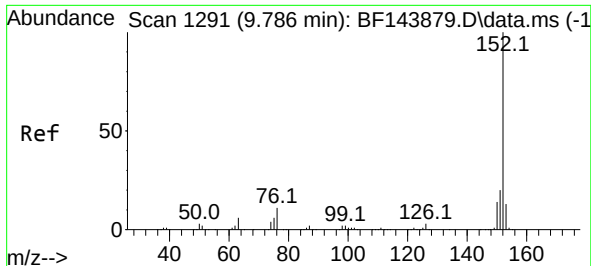
Tgt Ion:162 Resp: 282045
Ion Ratio Lower Upper
162 100
127 36.8 30.2 45.2
164 32.7 26.9 40.3



#48
2-Nitroaniline
Concen: 50.718 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 65 Resp: 88874
Ion Ratio Lower Upper
65 100
92 68.5 52.1 78.1
138 106.7 77.4 116.2

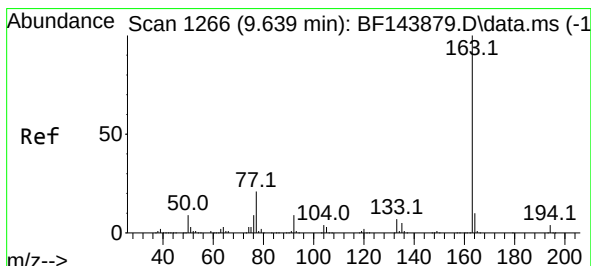
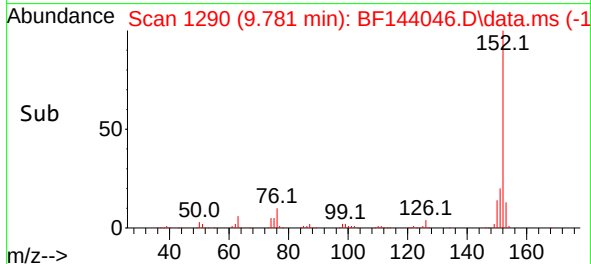
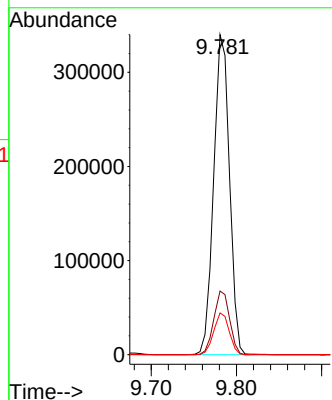
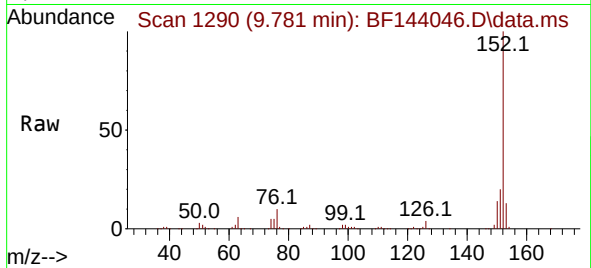




#49
Acenaphthylene
Concen: 56.398 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

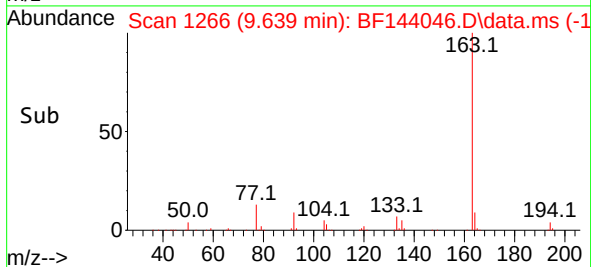
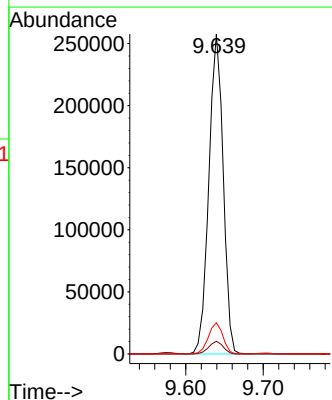
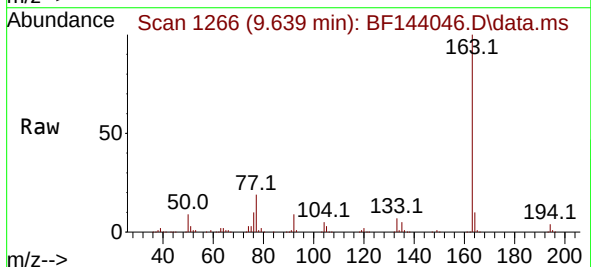
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

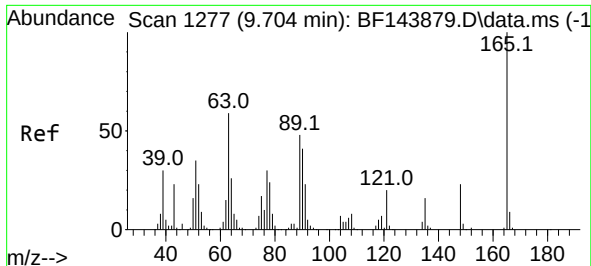
Tgt Ion:152 Resp: 439452
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 51.947 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:163 Resp: 331215
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.1 12.1

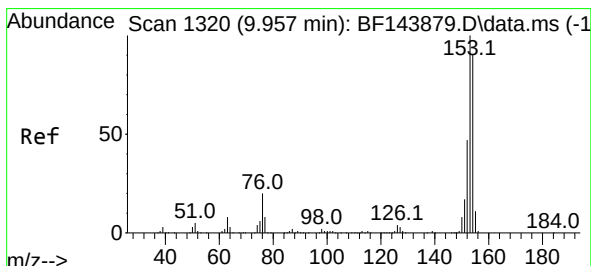
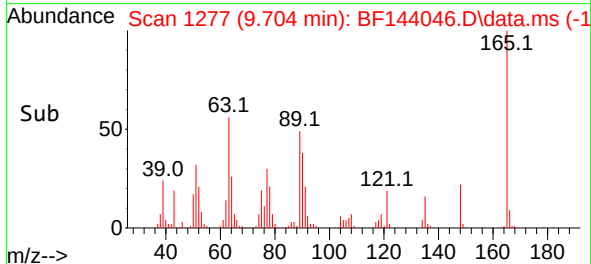
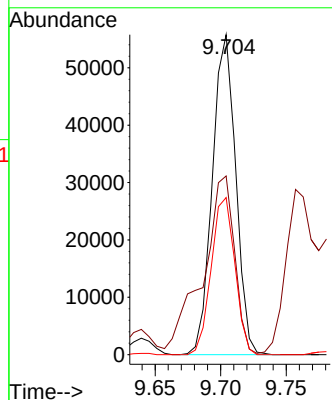
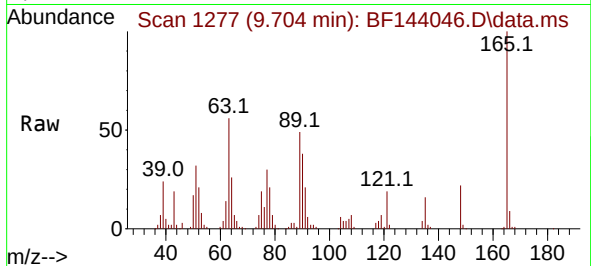




#51
2,6-Dinitrotoluene
Concen: 58.515 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

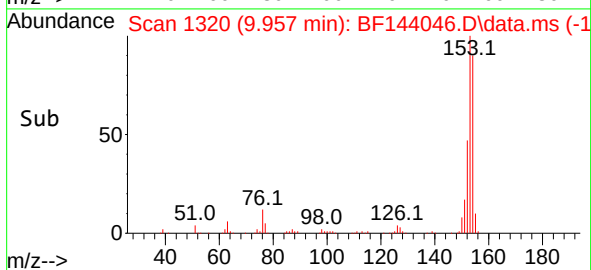
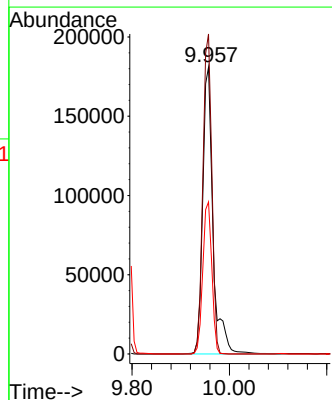
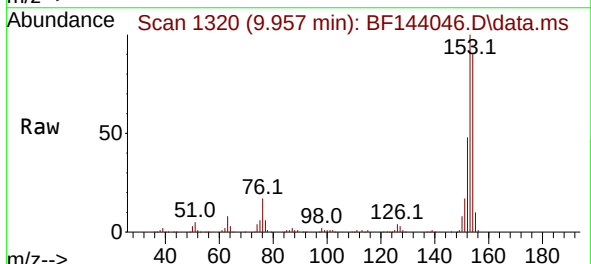
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

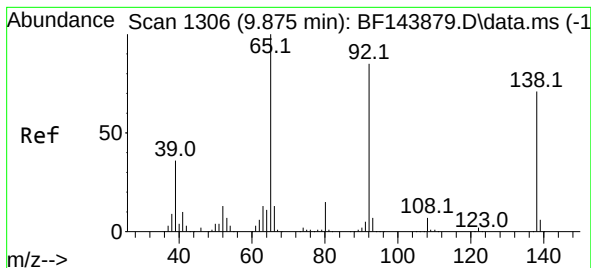
Tgt Ion:165 Resp: 69184
Ion Ratio Lower Upper
165 100
63 55.9 47.3 70.9
89 49.1 38.2 57.4



#52
Acenaphthene
Concen: 52.111 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:154 Resp: 266069
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 53.0 42.2 63.2

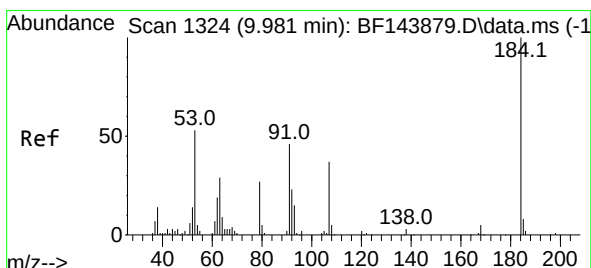
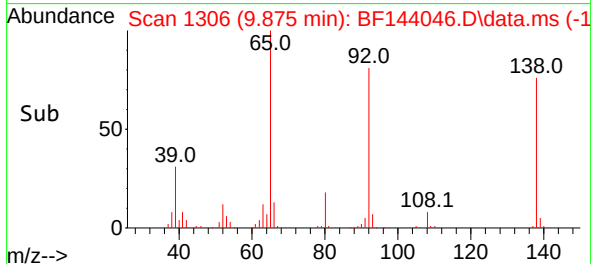
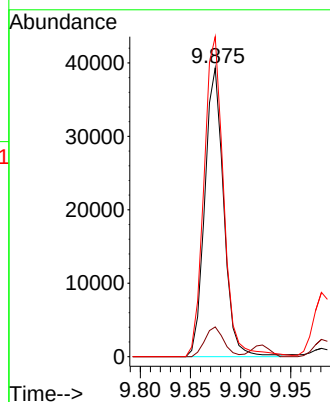
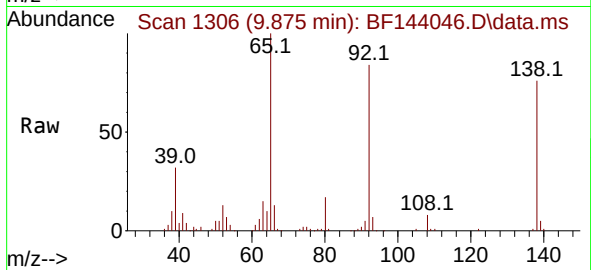




#53
3-Nitroaniline
Concen: 35.724 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

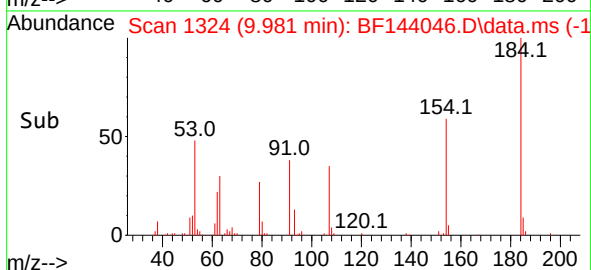
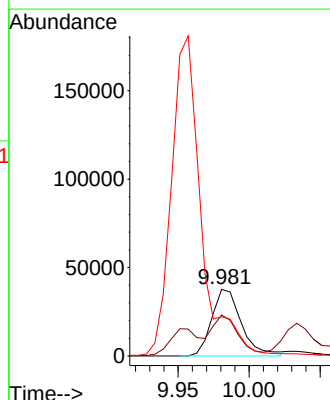
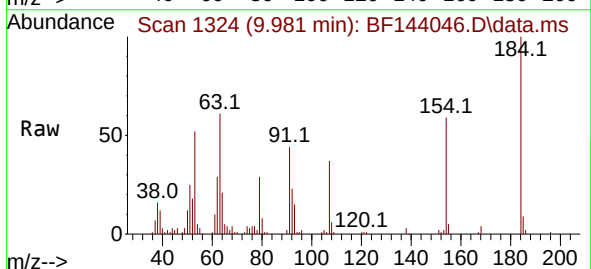
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

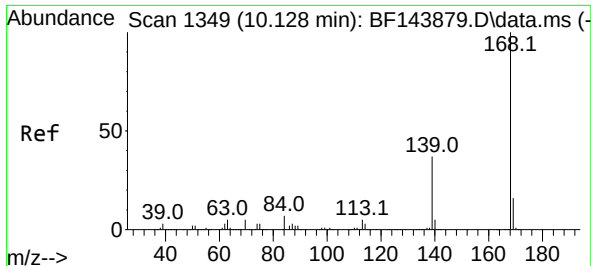
Tgt Ion:138 Resp: 51718
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 110.8 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 75.499 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:184 Resp: 54749
Ion Ratio Lower Upper
184 100
63 61.5 48.2 72.4
154 59.0 49.2 73.8

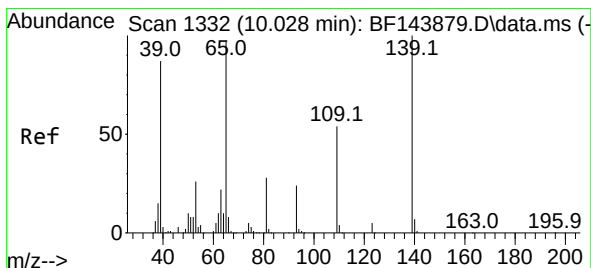
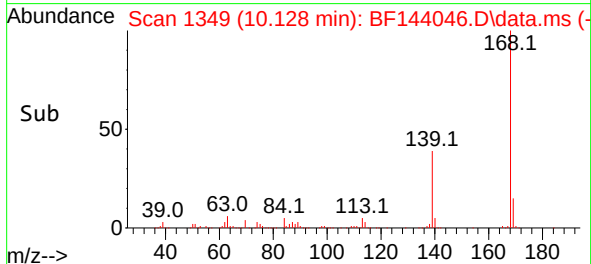
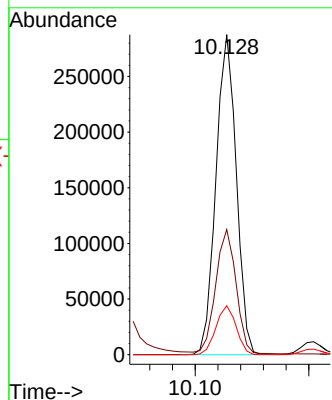
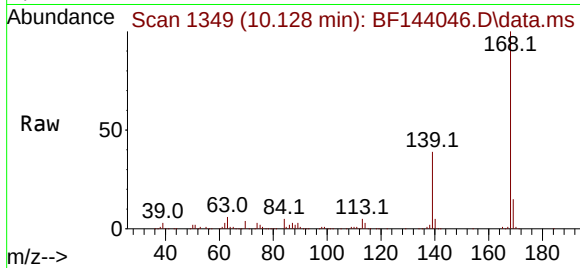




#55
Dibenzofuran
Concen: 49.633 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

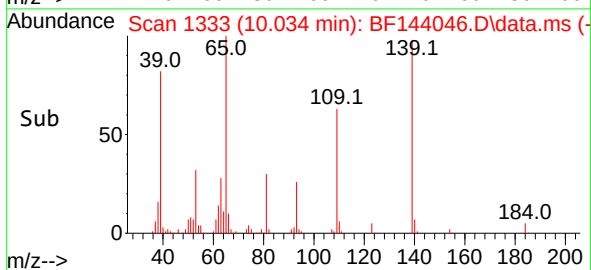
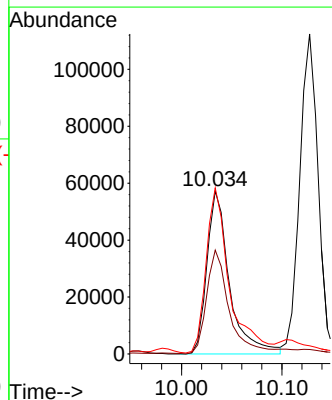
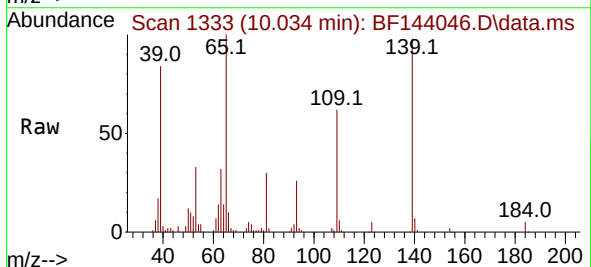
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

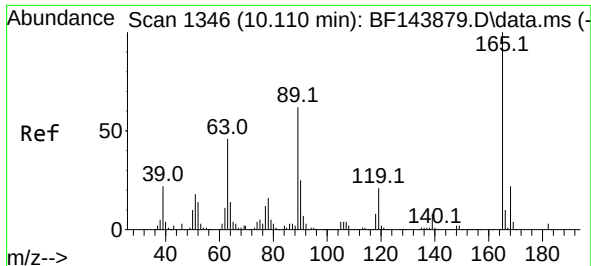
Tgt Ion:168 Resp: 357723
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 15.3 12.8 19.2



#56
4-Nitrophenol
Concen: 81.974 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:139 Resp: 89855
Ion Ratio Lower Upper
139 100
109 63.7 34.5 74.5
65 102.1 77.6 117.6

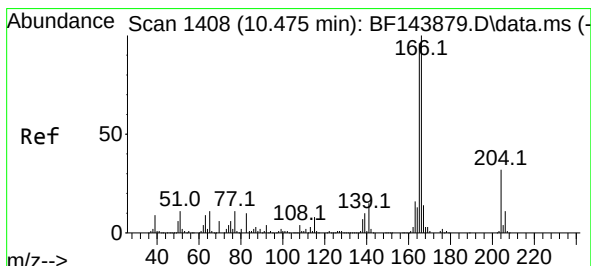
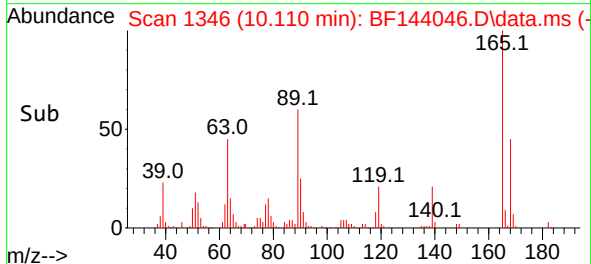
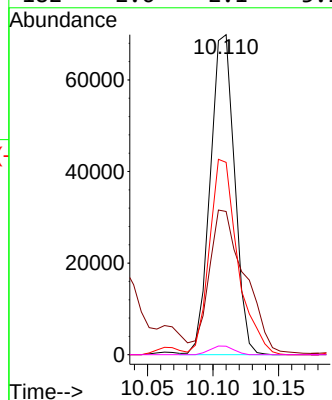
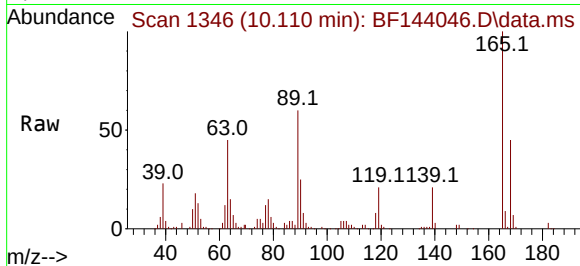




#57
2,4-Dinitrotoluene
Concen: 55.991 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

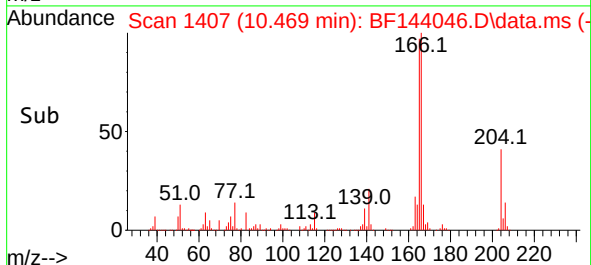
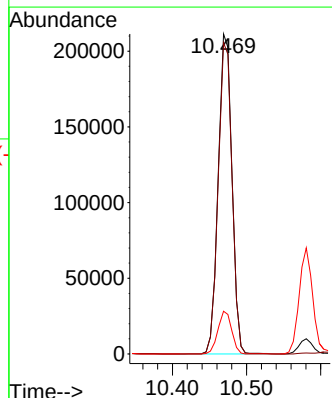
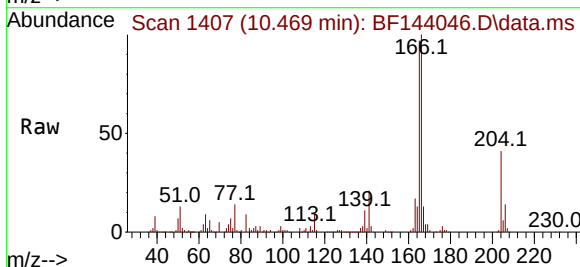
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

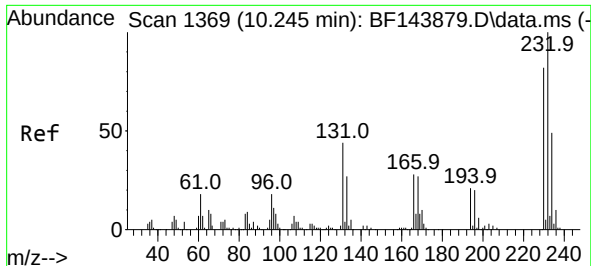
Tgt Ion:165 Resp: 90072
Ion Ratio Lower Upper
165 100
63 44.7 37.2 55.8
89 60.1 49.4 74.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.106 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:166 Resp: 272501
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.6
167 13.3 11.1 16.7

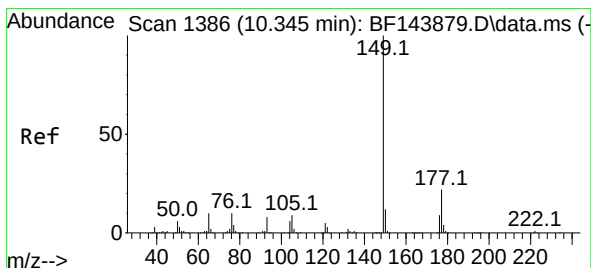
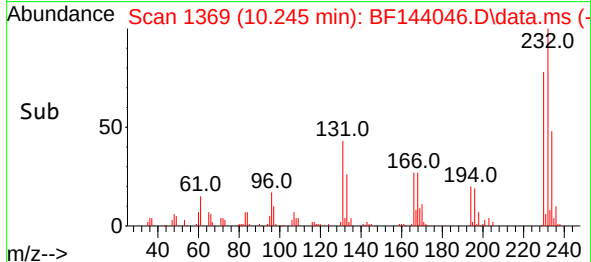
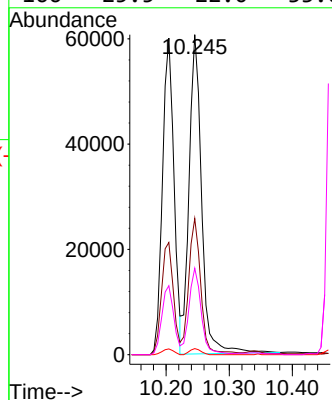
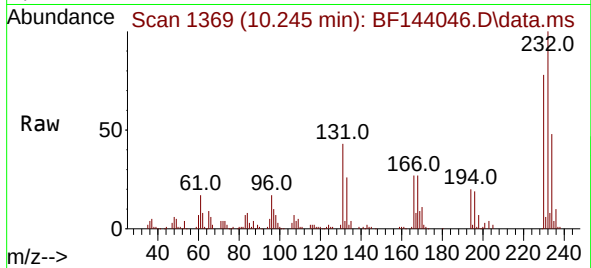




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.256 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

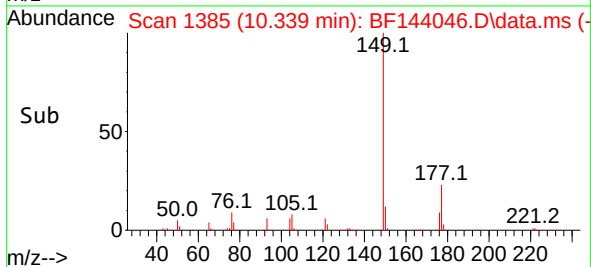
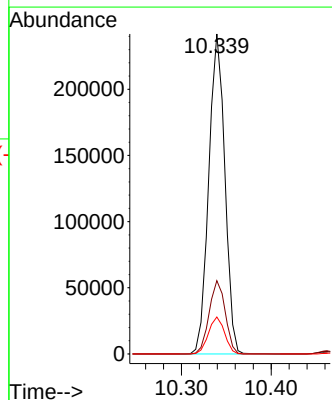
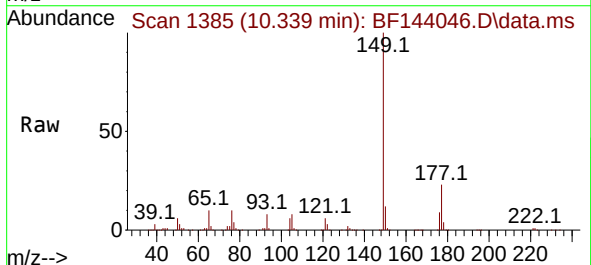
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

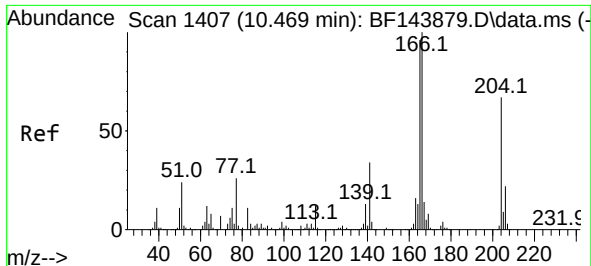
Tgt Ion:232 Resp: 83810
Ion Ratio Lower Upper
232 100
131 41.0 34.9 52.3
130 1.7 1.6 2.4
166 25.5 22.0 33.0



#60
Diethylphthalate
Concen: 50.812 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:149 Resp: 300982
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 11.6 9.8 14.8

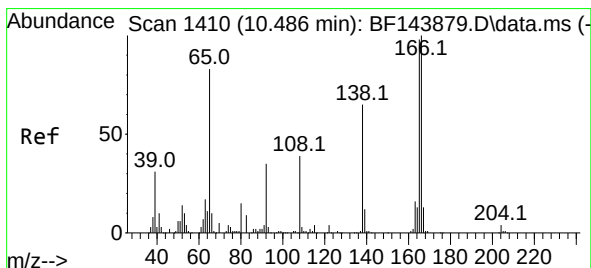
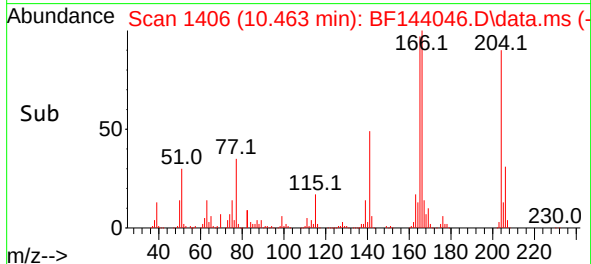
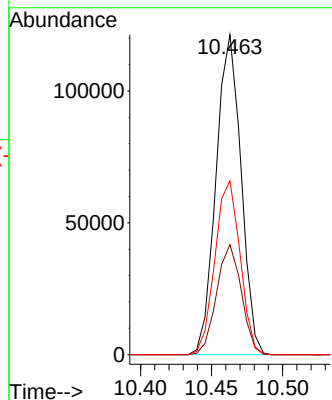
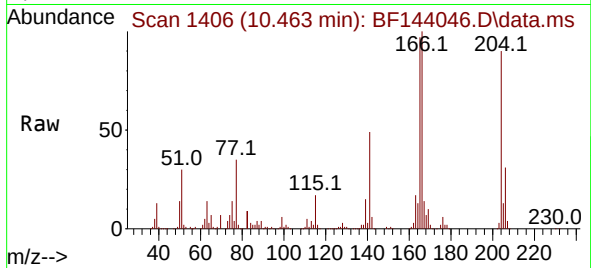




#61
4-Chlorophenyl-phenylether
Concen: 51.685 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

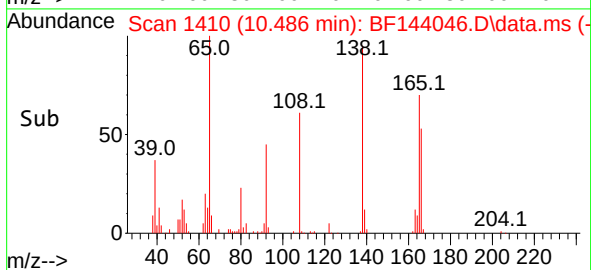
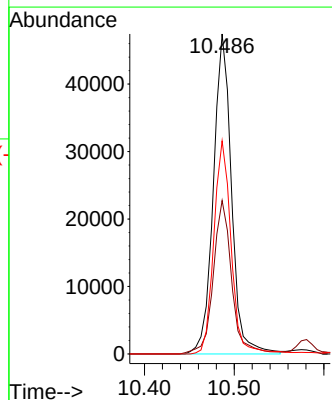
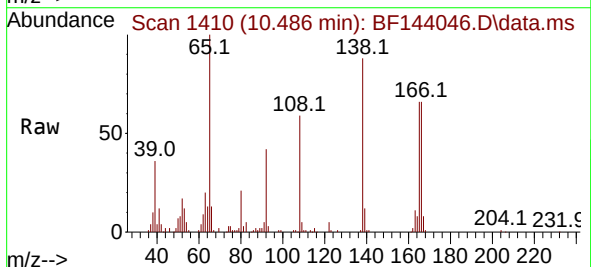
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

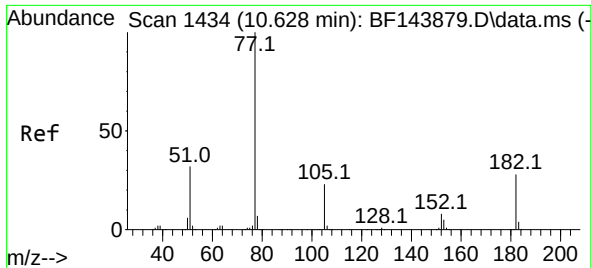
Tgt Ion:204 Resp: 148610
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 54.3 40.4 60.6



#62
4-Nitroaniline
Concen: 47.905 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:138 Resp: 66690
Ion Ratio Lower Upper
138 100
92 48.0 33.9 73.9
108 66.6 40.2 80.2



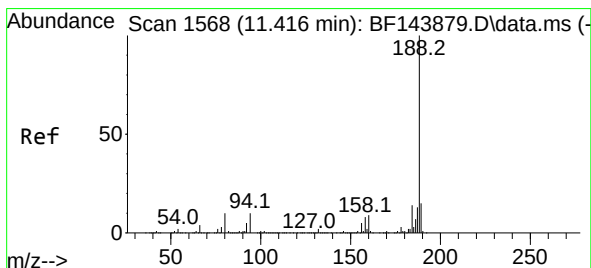
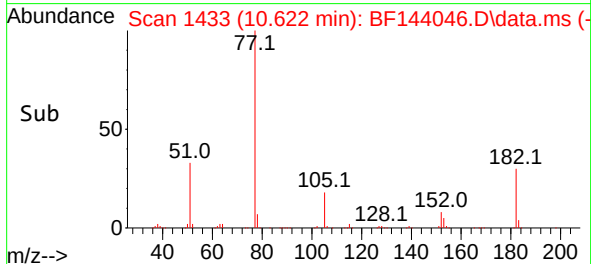
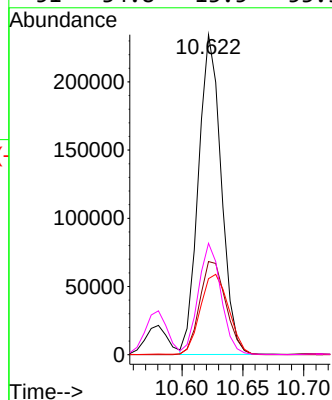
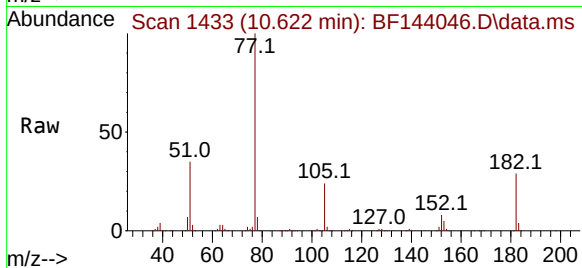


#63
Azobenzene
Concen: 49.299 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 77 Resp: 305202

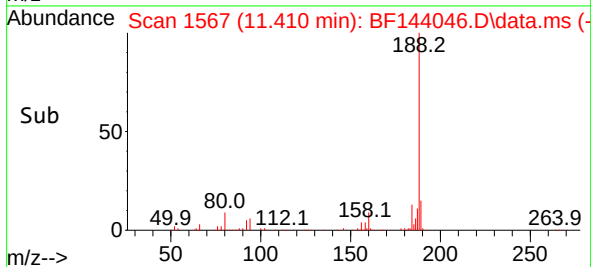
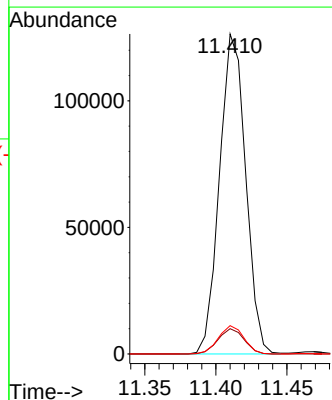
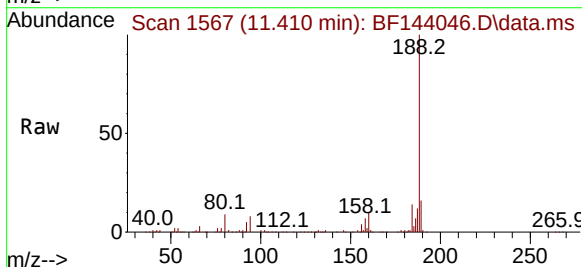
Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.3	47.3
105	23.8	3.0	43.0
51	34.8	13.5	53.5

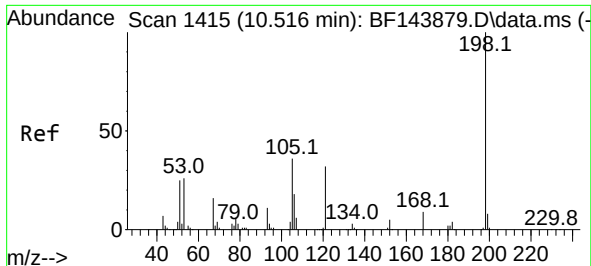


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 188 Resp: 161809

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.8	11.6
80	8.9	7.9	11.9

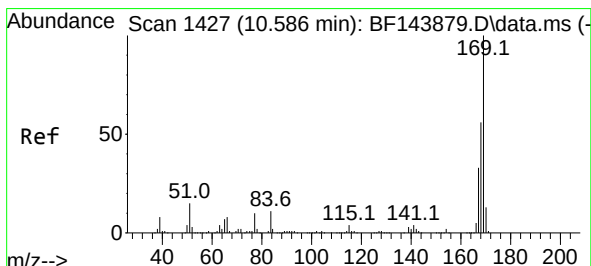
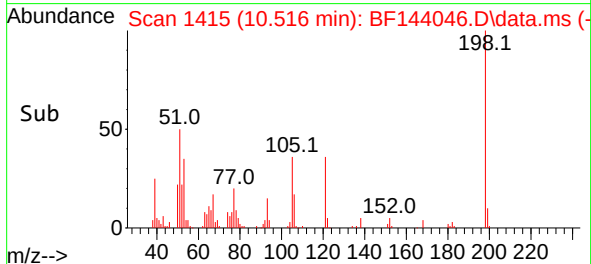
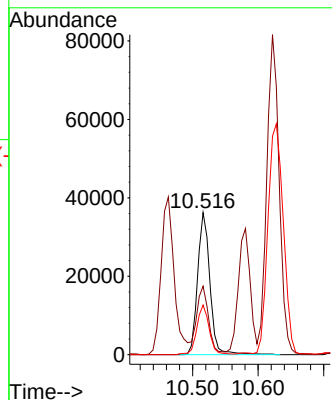
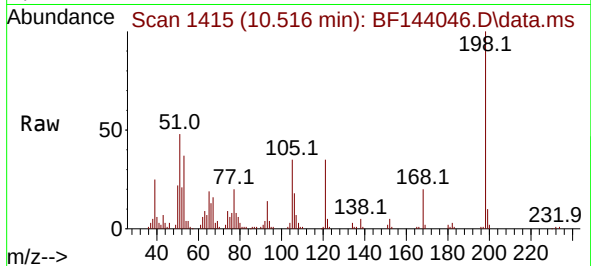




#65
4,6-Dinitro-2-methylphenol
Concen: 58.328 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

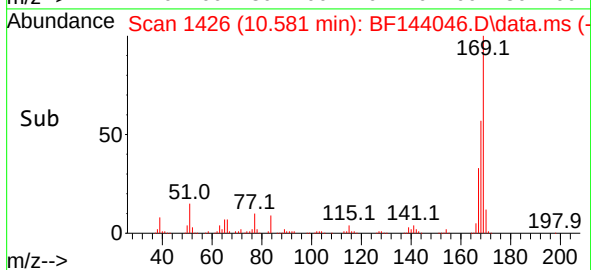
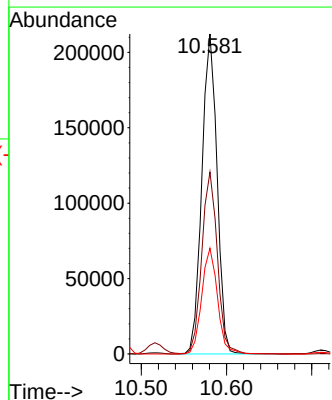
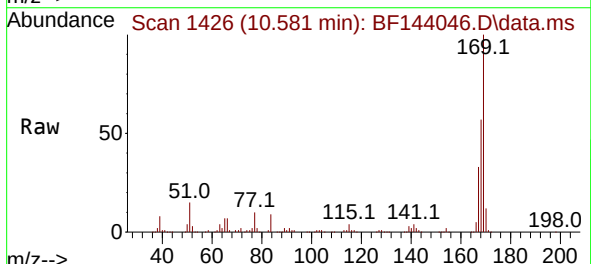
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

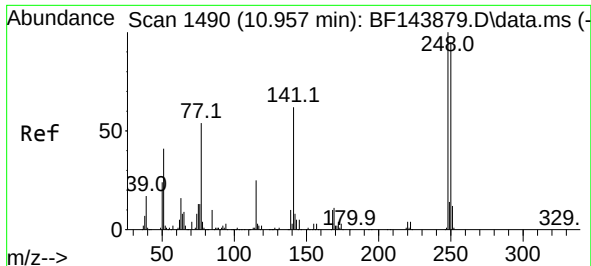
Tgt Ion:198 Resp: 47428
Ion Ratio Lower Upper
198 100
51 48.2 33.8 73.8
105 34.9 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 51.755 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:169 Resp: 262951
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 33.0 26.3 39.5

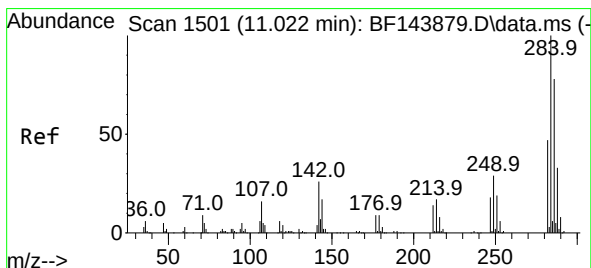
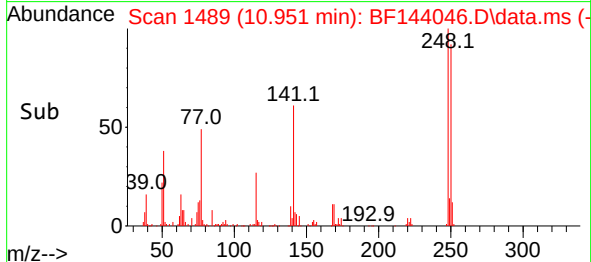
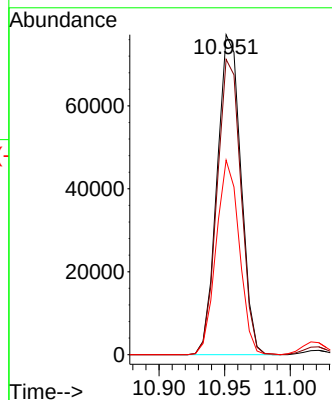
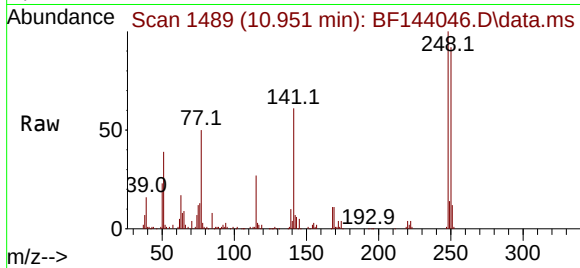




#67
4-Bromophenyl-phenylether
Concen: 54.455 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

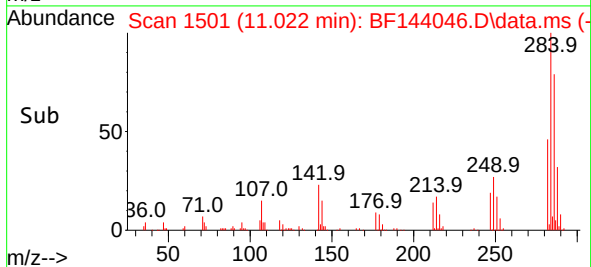
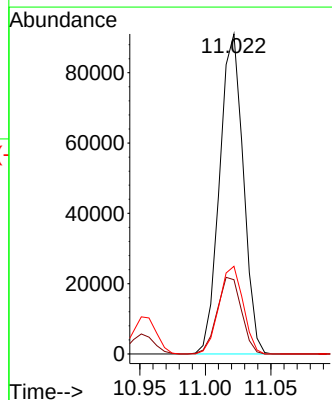
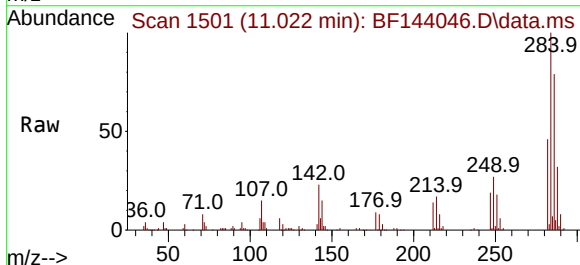
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

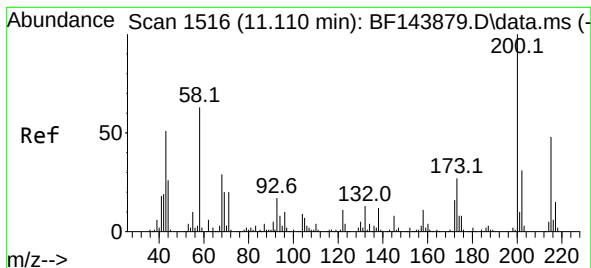
Tgt Ion:248 Resp: 97379
Ion Ratio Lower Upper
248 100
250 92.3 76.3 114.5
141 60.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 55.200 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:284 Resp: 114279
Ion Ratio Lower Upper
284 100
142 23.2 20.6 30.8
249 27.4 23.2 34.8





#69

Atrazine

Concen: 55.813 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

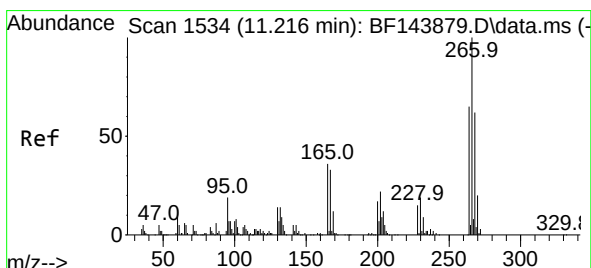
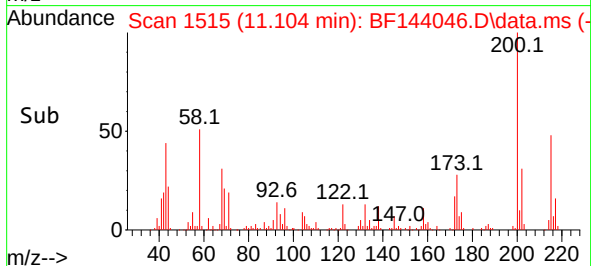
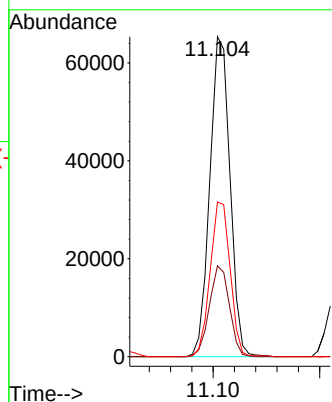
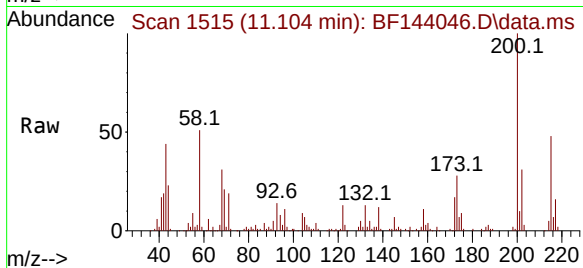
Tgt Ion:200 Resp: 85947

Ion Ratio Lower Upper

200 100

173 28.4 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 95.571 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

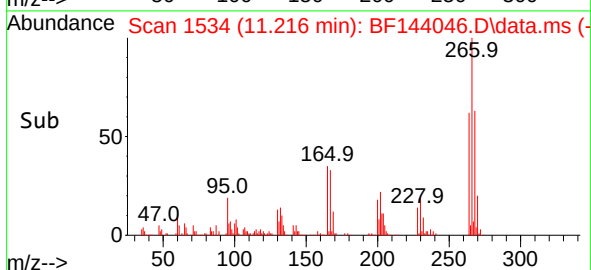
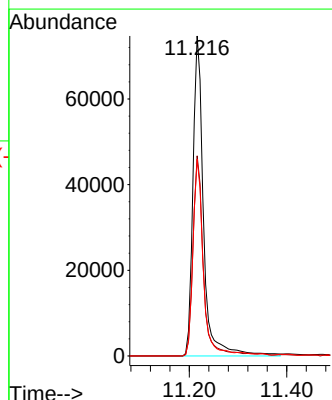
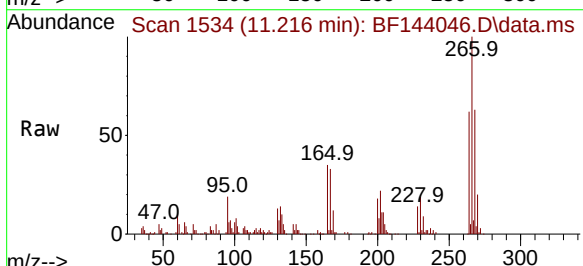
Tgt Ion:266 Resp: 113635

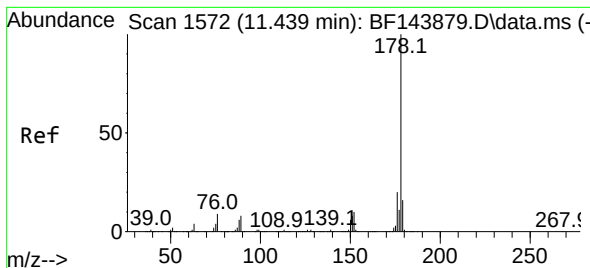
Ion Ratio Lower Upper

266 100

268 62.6 49.4 74.0

264 61.5 51.8 77.6





#71

Phenanthrene

Concen: 50.052 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

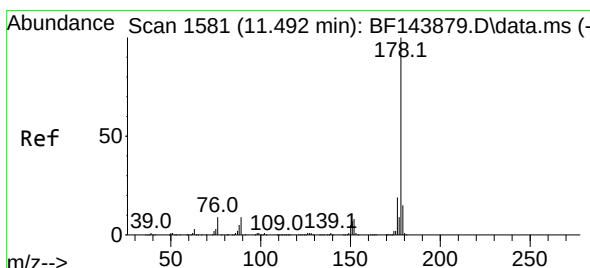
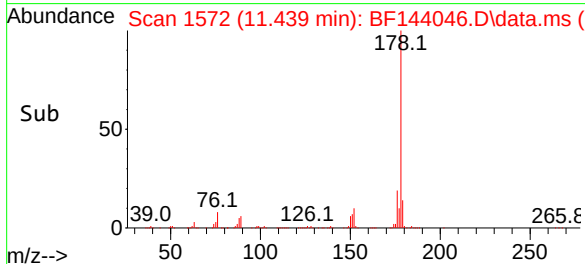
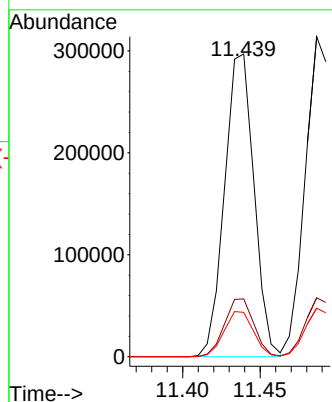
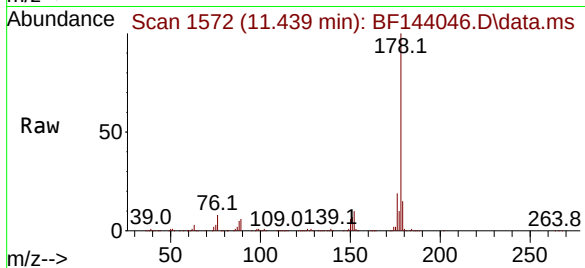
Tgt Ion:178 Resp: 392636

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 14.7 12.4 18.6



#72

Anthracene

Concen: 50.954 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

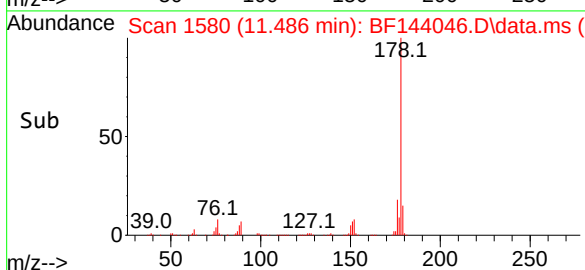
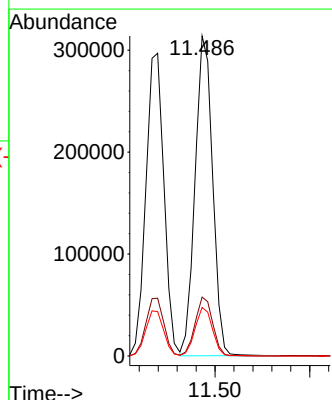
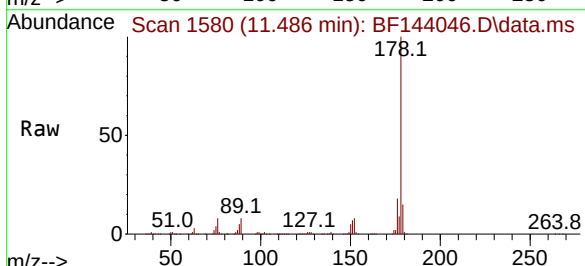
Tgt Ion:178 Resp: 403806

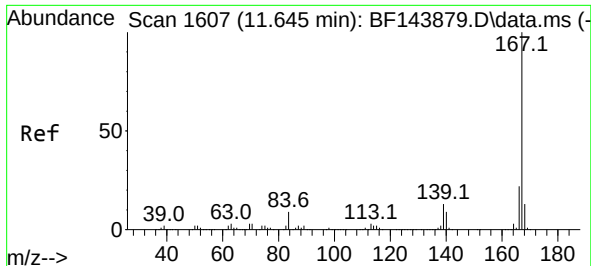
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.1 12.2 18.2

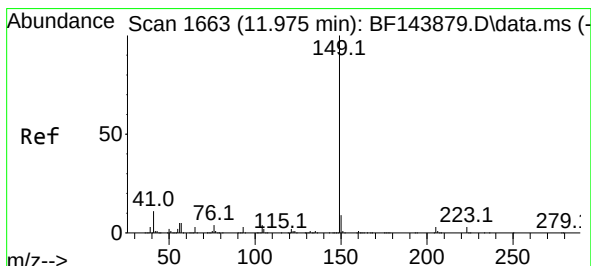
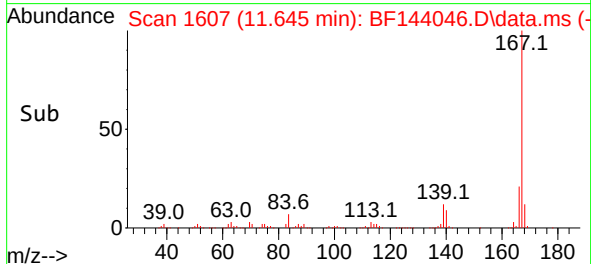
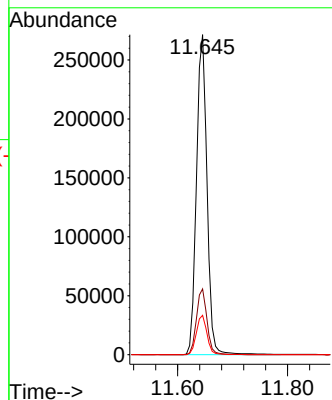
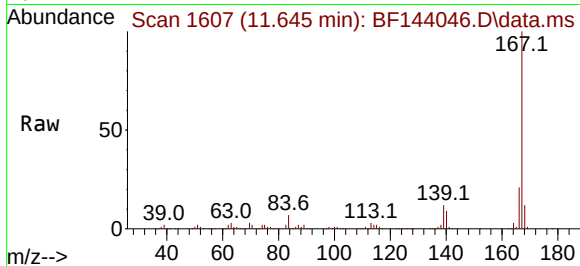




#73
 Carbazole
 Concen: 51.452 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

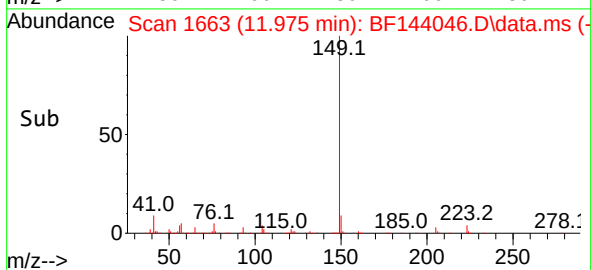
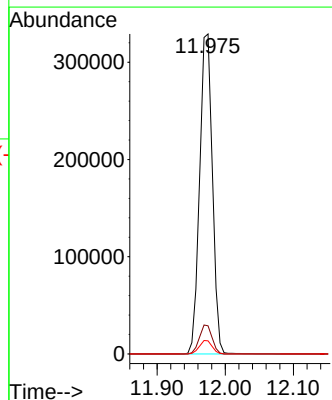
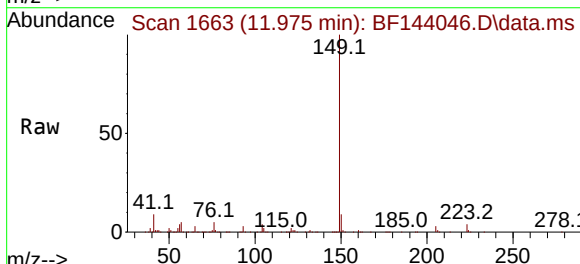
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

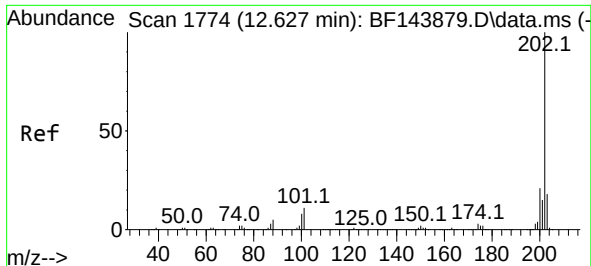
Tgt Ion:167 Resp: 361127
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.2 25.8
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 52.597 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

Tgt Ion:149 Resp: 427855
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.1 3.4 5.2

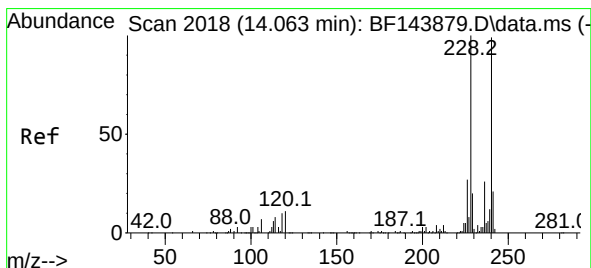
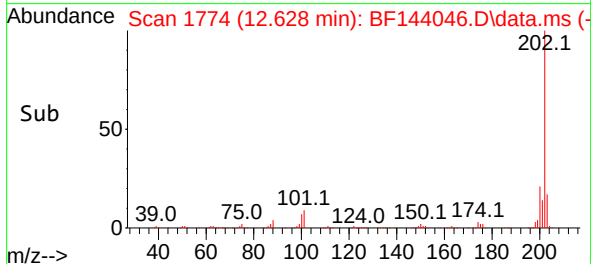
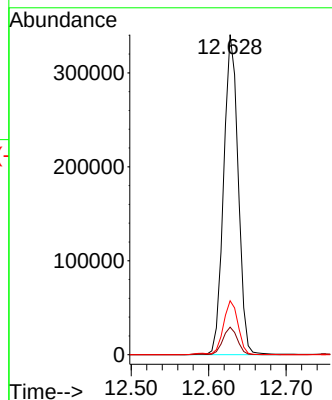
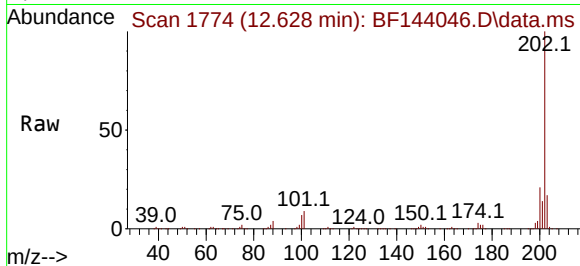




#75
Fluoranthene
Concen: 54.808 ng
RT: 12.628 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

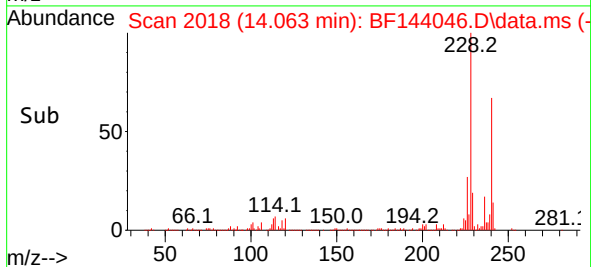
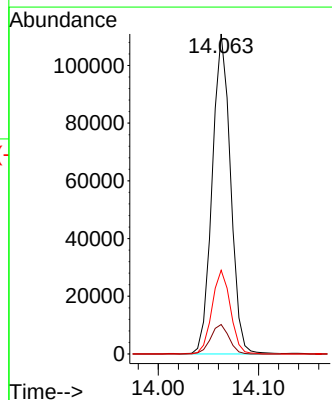
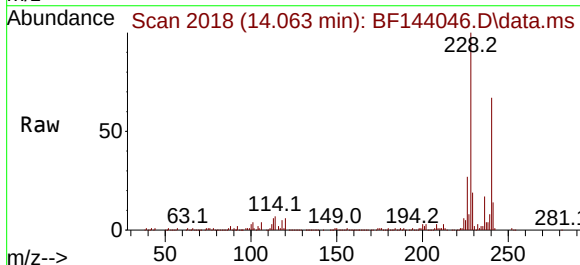
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

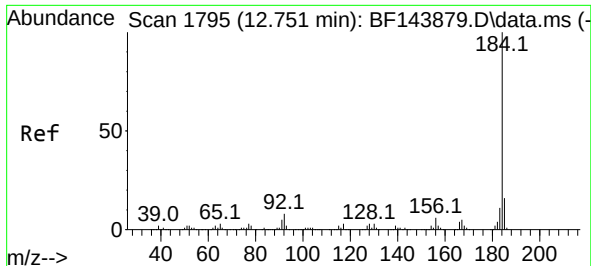
Tgt Ion:202 Resp: 444101
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 16.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:240 Resp: 140916
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.2 21.1 31.7

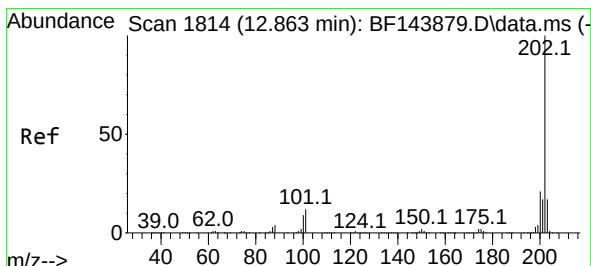
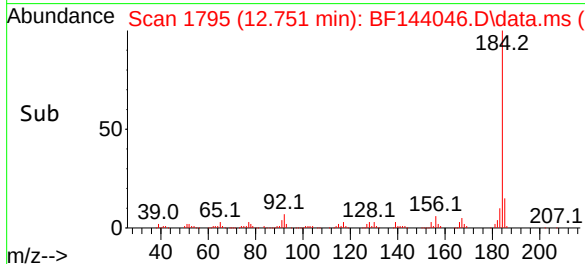
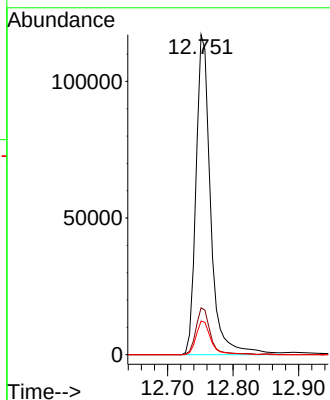
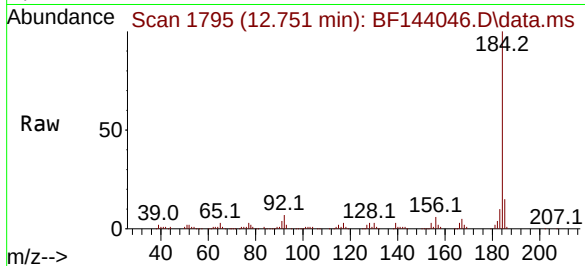




#77
Benzidine
Concen: 37.203 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

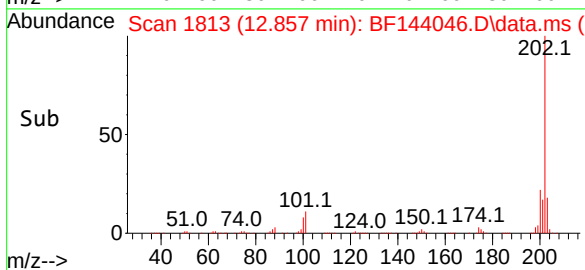
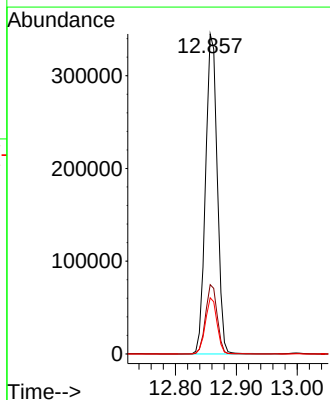
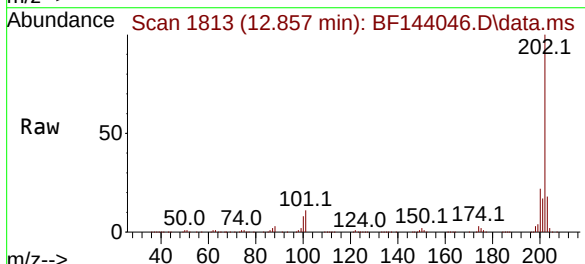
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

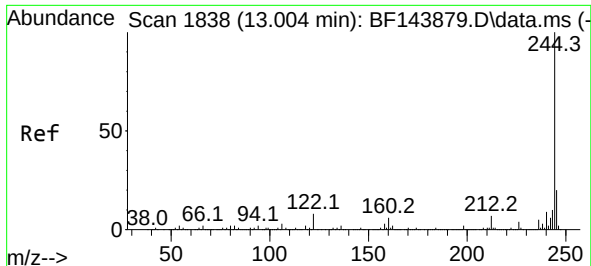
Tgt Ion:184 Resp: 182031
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 10.5 8.8 13.2



#78
Pyrene
Concen: 39.167 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:202 Resp: 460135
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.6 13.8 20.6

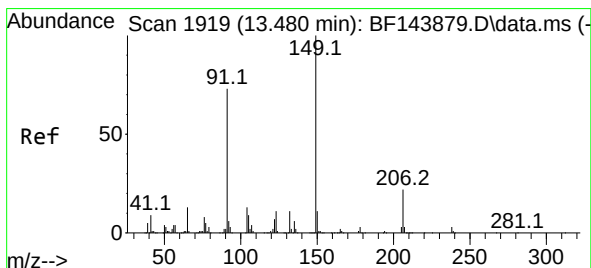
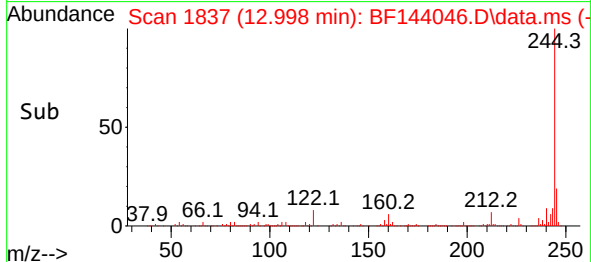
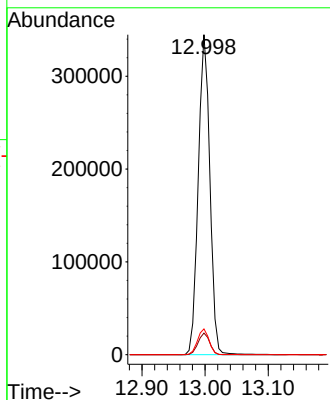
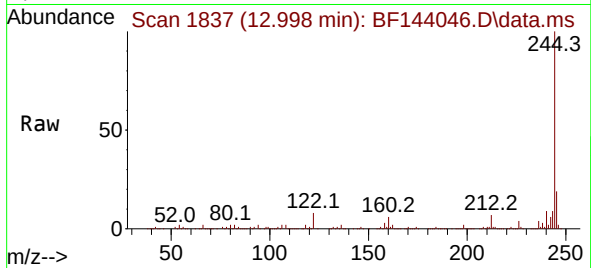




#79
 Terphenyl-d14
 Concen: 53.397 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

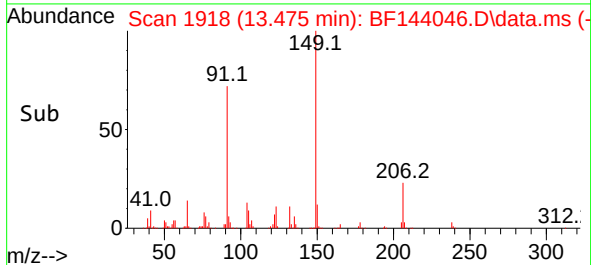
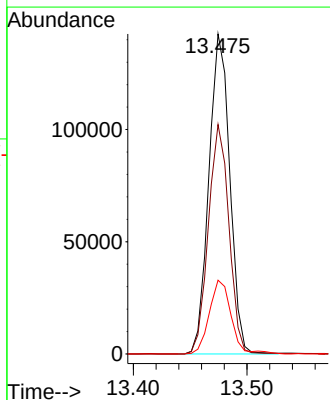
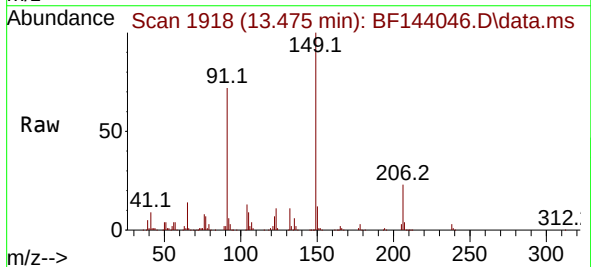
Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

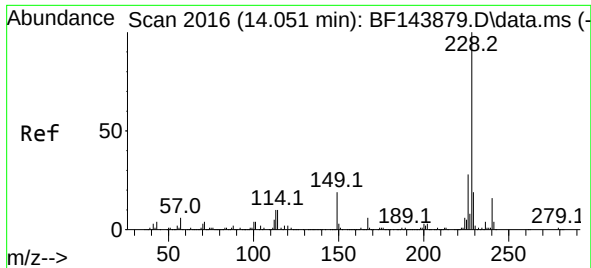
Tgt Ion:244 Resp: 440266
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.0 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 47.728 ng
 RT: 13.475 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF144046.D
 Acq: 22 Oct 2025 17:17

Tgt Ion:149 Resp: 182101
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.2 87.2
 206 23.0 17.9 26.9

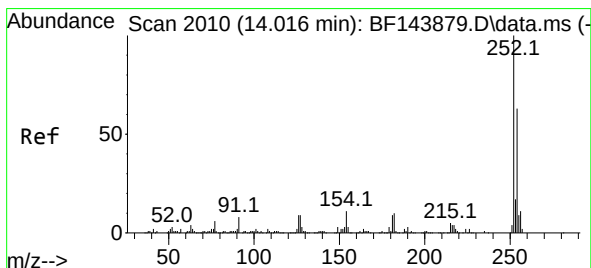
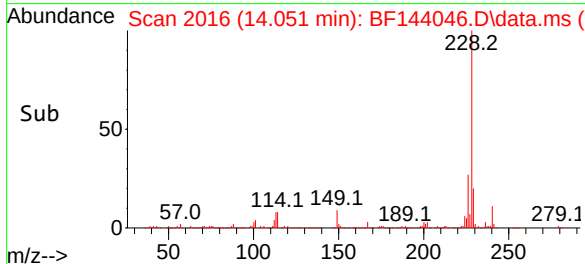
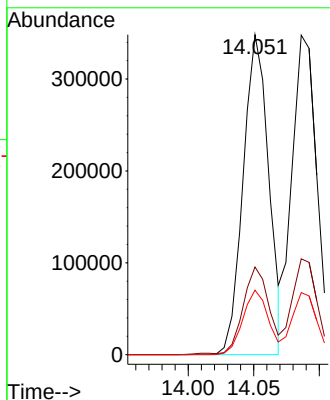
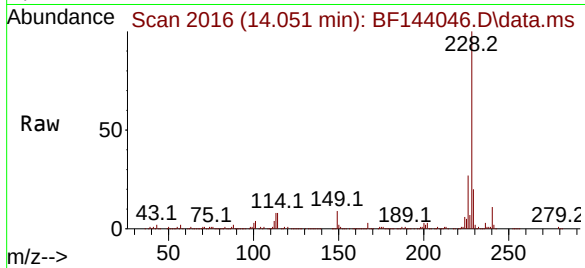




#81
Benzo(a)anthracene
Concen: 51.281 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

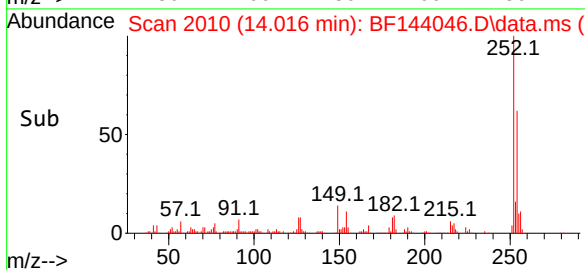
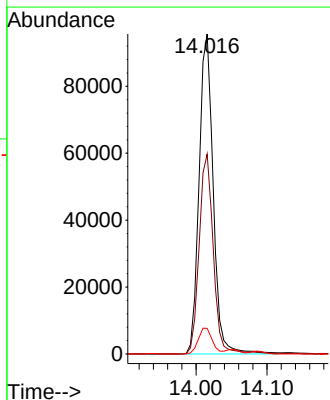
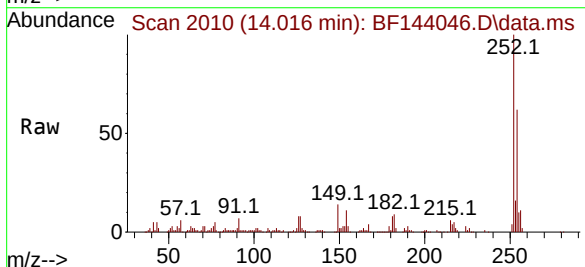
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

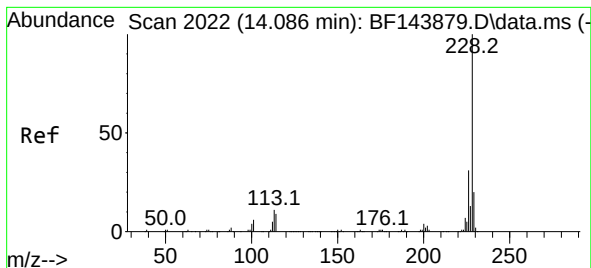
Tgt Ion:228 Resp: 472894
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.187 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:252 Resp: 132609
Ion Ratio Lower Upper
252 100
254 62.5 50.6 76.0
126 8.0 7.0 10.6





#83

Chrysene

Concen: 53.811 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

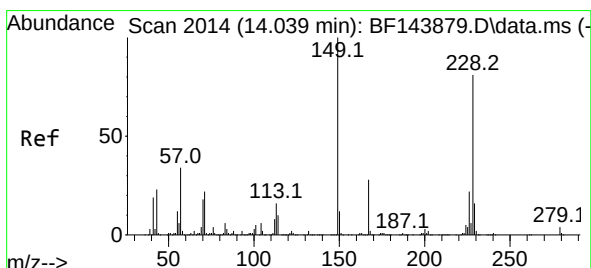
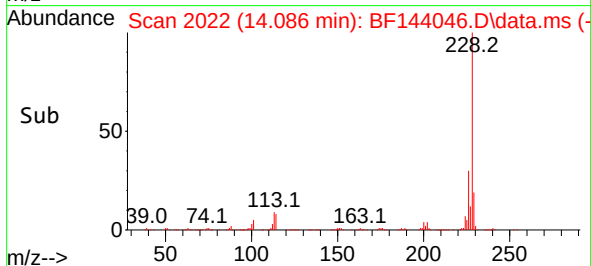
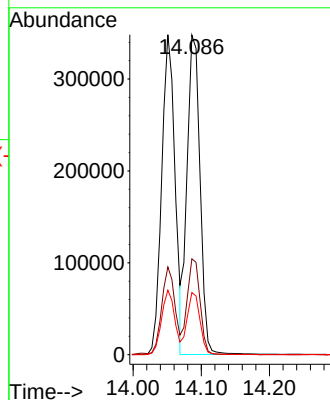
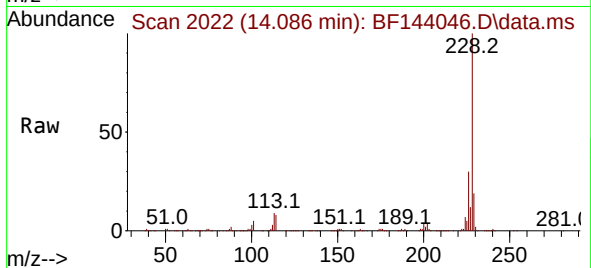
Tgt Ion:228 Resp: 459269

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.225 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

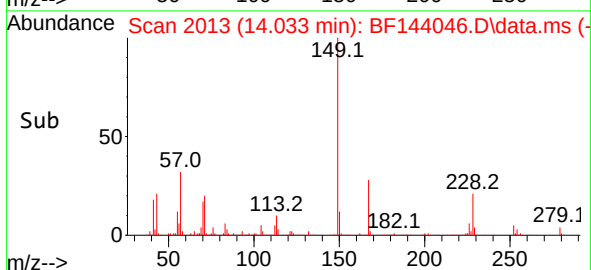
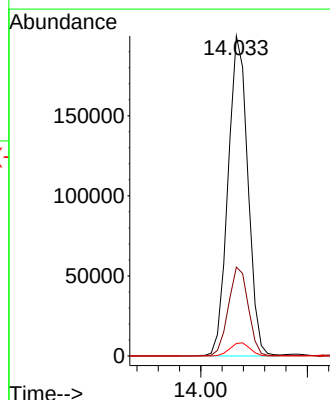
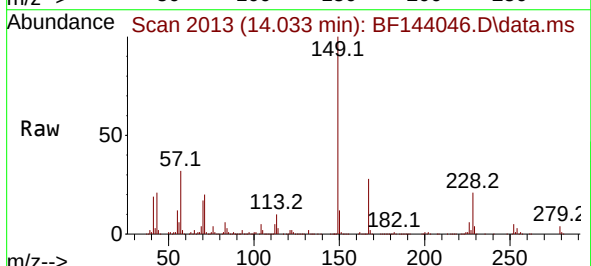
Tgt Ion:149 Resp: 258590

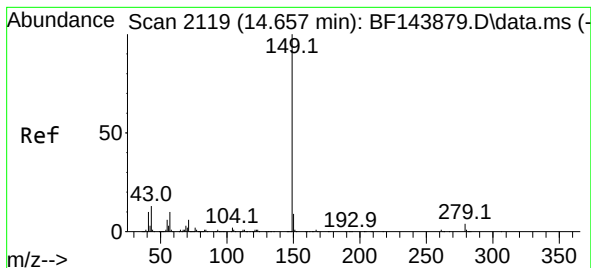
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 63.374 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

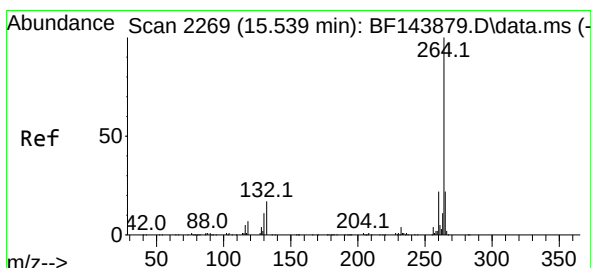
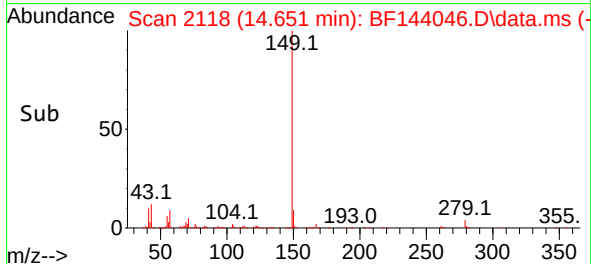
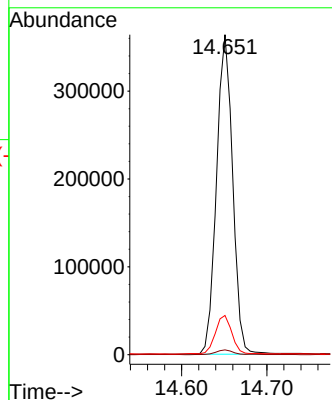
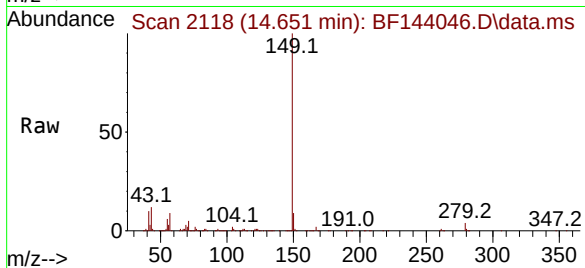
Tgt Ion:149 Resp: 478725

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 12.6 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: BF144046.D

Acq: 22 Oct 2025 17:17

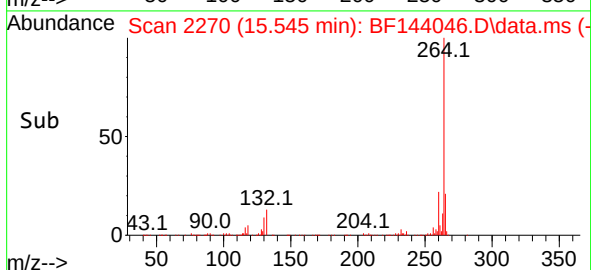
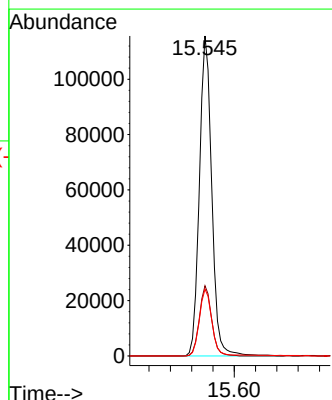
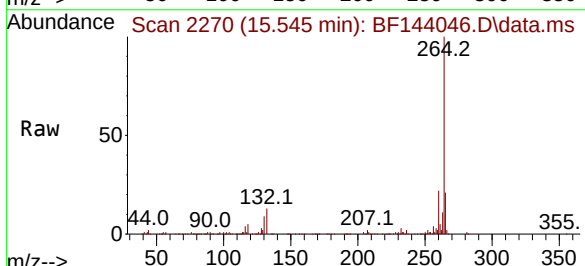
Tgt Ion:264 Resp: 186035

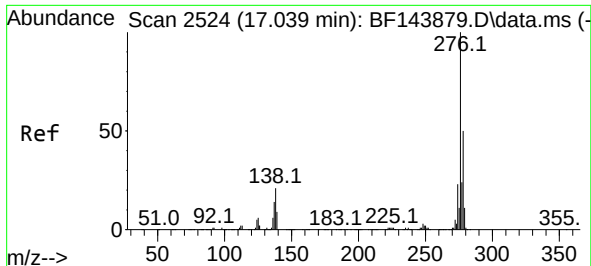
Ion Ratio Lower Upper

264 100

260 21.9 17.8 26.8

265 20.8 17.5 26.3

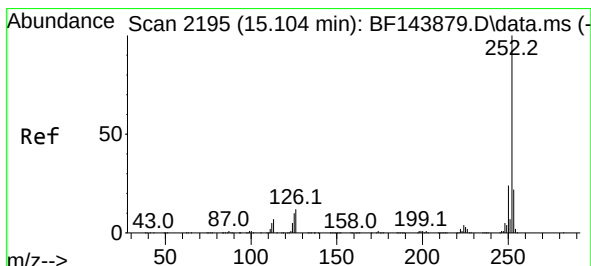
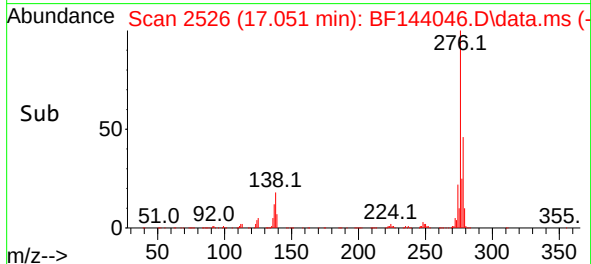
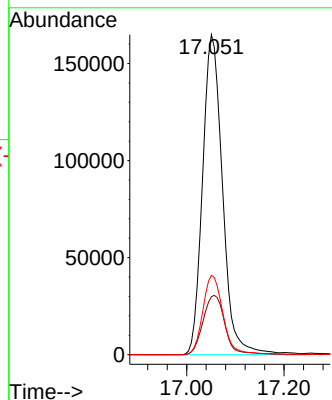
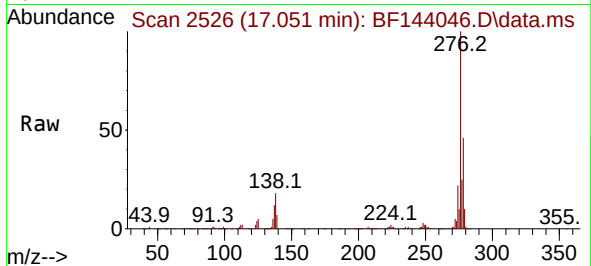




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.127 ng
RT: 17.051 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

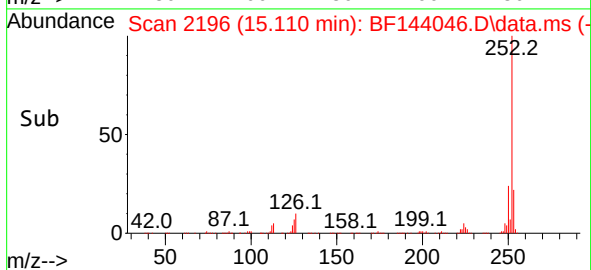
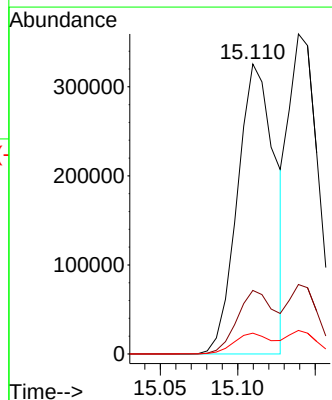
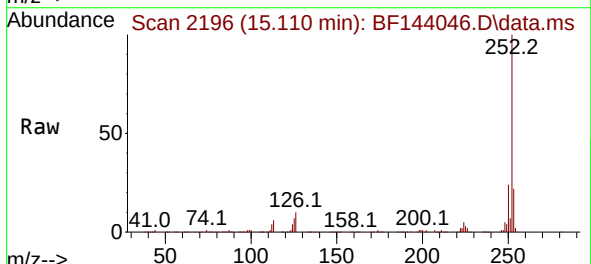
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

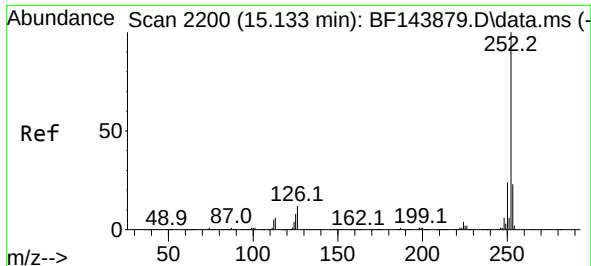
Tgt Ion:276 Resp: 468814
Ion Ratio Lower Upper
276 100
138 20.3 18.2 27.2
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 51.407 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

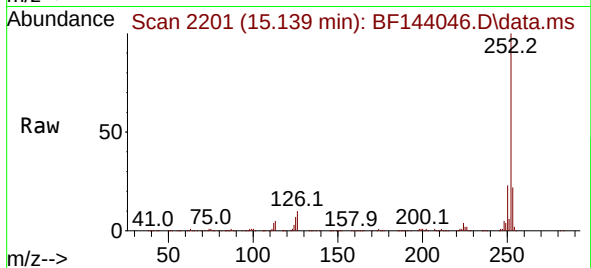
Tgt Ion:252 Resp: 549352
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.2 7.8 11.6#



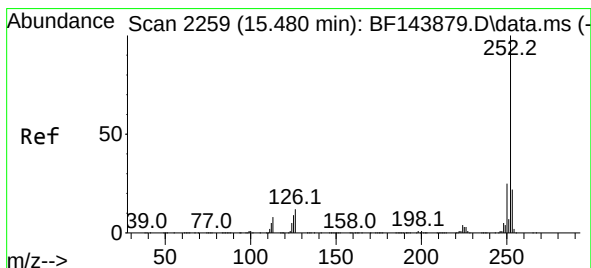
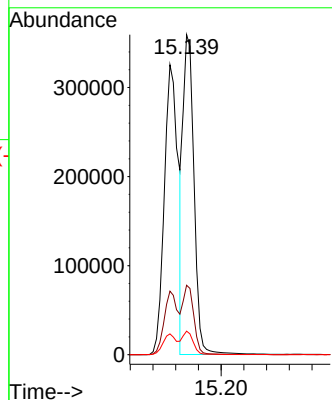
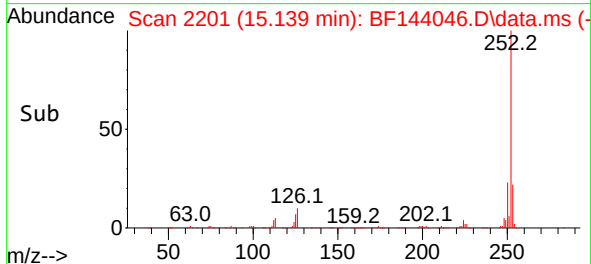


#89
Benzo(k)fluoranthene
Concen: 49.012 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

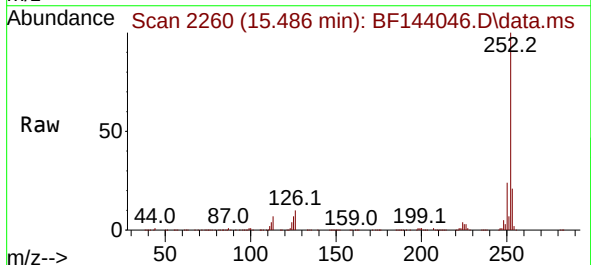
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD



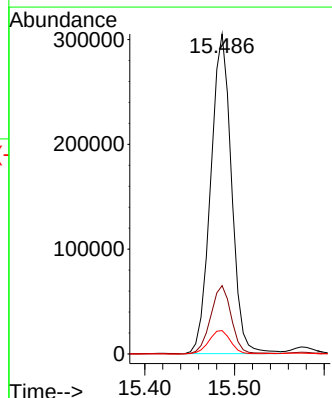
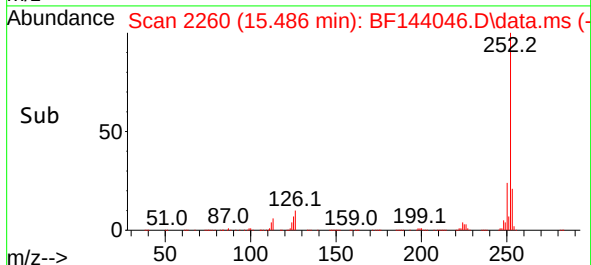
Tgt Ion:252 Resp: 484648
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.3 7.4 11.2#

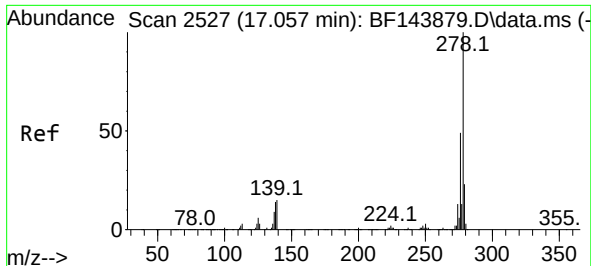


#90
Benzo(a)pyrene
Concen: 52.902 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17



Tgt Ion:252 Resp: 490198
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 7.3 7.0 10.4

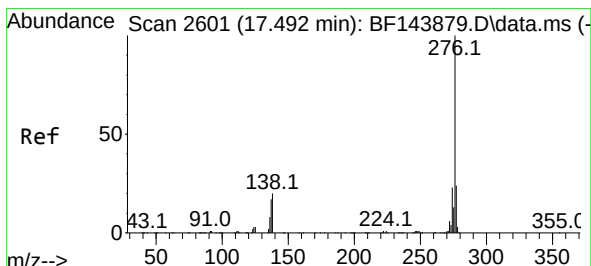
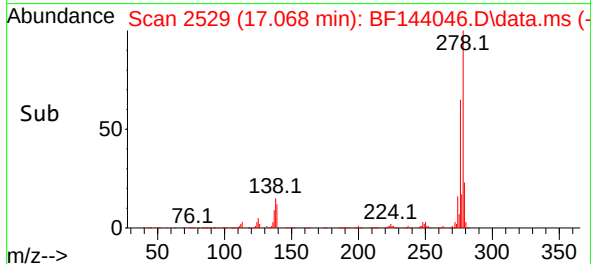
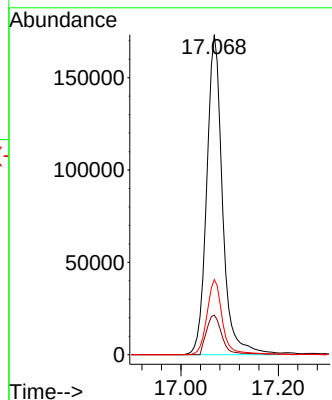
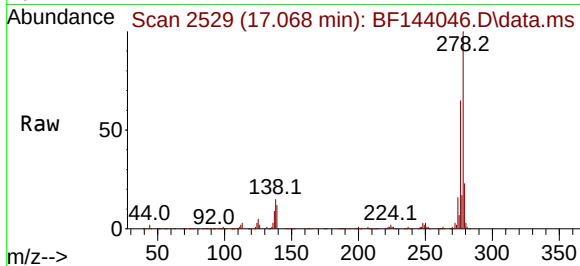




#91
Dibenzo(a,h)anthracene
Concen: 42.589 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:278 Resp: 390451
Ion Ratio Lower Upper
278 100
139 12.4 11.7 17.5
279 23.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.435 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:276 Resp: 352371
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 17.6 16.1 24.1

