

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143028.D
 Acq On : 08 Jul 2025 12:25
 Operator : RC/JU
 Sample : PB168716BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

Quant Time: Jul 08 12:51:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60408	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	226362	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	118776	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	197115	20.000	ng	0.00
76) Chrysene-d12	14.057	240	99617	20.000	ng	0.00
86) Perylene-d12	15.557	264	118358	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	420531	115.904	ng	0.01
7) Phenol-d6	6.510	99	498311	116.410	ng	0.00
23) Nitrobenzene-d5	7.440	82	309095	74.898	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	156050	127.671	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	682333	75.467	ng	0.00
79) Terphenyl-d14	12.998	244	588629	81.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	47084	32.444	ng	99
3) Pyridine	3.487	79	131813	36.231	ng	99
4) n-Nitrosodimethylamine	3.434	42	70729	37.595	ng	99
6) Aniline	6.540	93	208216	36.556	ng	# 86
8) 2-Chlorophenol	6.663	128	161271	41.205	ng	98
9) Benzaldehyde	6.428	77	65886	25.943	ng	99
10) Phenol	6.528	94	191814	40.312	ng	77
11) bis(2-Chloroethyl)ether	6.610	93	140098	41.196	ng	96
12) 1,3-Dichlorobenzene	6.816	146	176469	40.315	ng	100
13) 1,4-Dichlorobenzene	6.893	146	178127	40.334	ng	99
14) 1,2-Dichlorobenzene	7.045	146	168532	40.234	ng	99
15) Benzyl Alcohol	7.016	79	130947	42.314	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	206494	37.793	ng	74
17) 2-Methylphenol	7.134	107	122670	41.359	ng	96
18) Hexachloroethane	7.387	117	63147	40.880	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	103405	41.534	ng	98
20) 3+4-Methylphenols	7.287	107	157112	42.485	ng	95
22) Acetophenone	7.287	105	212582	42.587	ng	99
24) Nitrobenzene	7.457	77	158005	42.302	ng	99
25) Isophorone	7.698	82	280738	42.407	ng	100
26) 2-Nitrophenol	7.775	139	90027	44.245	ng	99
27) 2,4-Dimethylphenol	7.816	122	149664m	42.464	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	176633	41.968	ng	100
29) 2,4-Dichlorophenol	8.022	162	135467	42.390	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	148284	42.197	ng	98
31) Naphthalene	8.181	128	468116	42.249	ng	100
32) Benzoic acid	7.945	122	75484	42.020	ng	94
33) 4-Chloroaniline	8.234	127	167459	37.169	ng	98
34) Hexachlorobutadiene	8.292	225	91447	42.544	ng	98
35) Caprolactam	8.604	113	40716m	48.283	ng	
36) 4-Chloro-3-methylphenol	8.716	107	140678	44.294	ng	97
37) 2-Methylnaphthalene	8.875	142	291888	42.492	ng	99
38) 1-Methylnaphthalene	8.975	142	304995	42.891	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150411	42.917	ng	99
41) Hexachlorocyclopentadiene	9.028	237	142671	71.736	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	94547	41.400	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143028.D
 Acq On : 08 Jul 2025 12:25
 Operator : RC/JU
 Sample : PB168716BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

Quant Time: Jul 08 12:51:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

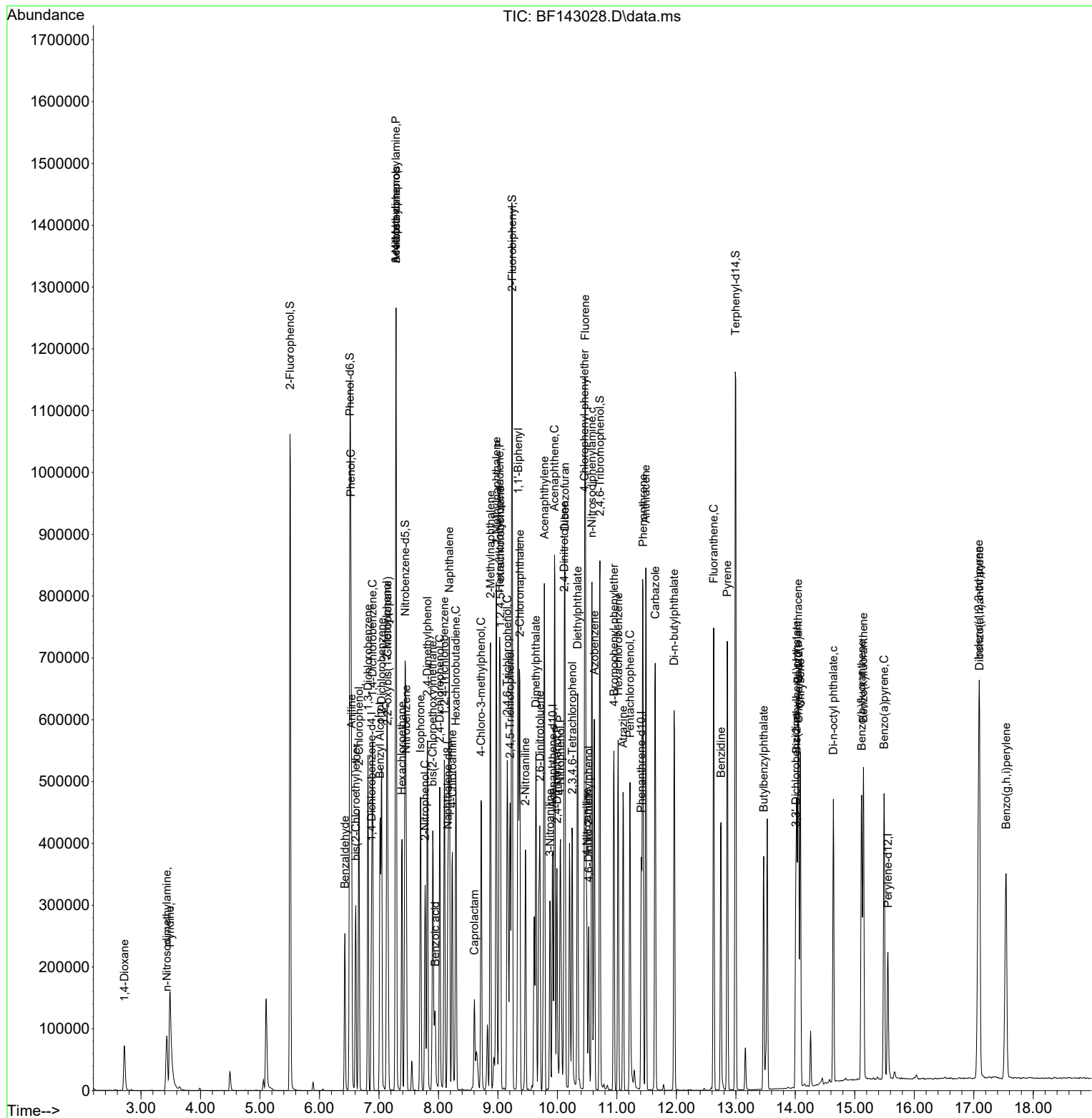
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	101102	42.055	ng	99
46) 1,1'-Biphenyl	9.339	154	399750	42.605	ng	100
47) 2-Chloronaphthalene	9.369	162	296286	42.080	ng	99
48) 2-Nitroaniline	9.463	65	87823	44.490	ng	97
49) Acenaphthylene	9.781	152	495501	42.749	ng	100
50) Dimethylphthalate	9.639	163	344592	44.820	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76735	45.447	ng	99
52) Acenaphthene	9.951	154	329456m	46.586	ng	
53) 3-Nitroaniline	9.875	138	69562	37.419	ng	99
54) 2,4-Dinitrophenol	9.992	184	77305	91.438	ng	96
55) Dibenzofuran	10.128	168	434973	42.893	ng	99
56) 4-Nitrophenol	10.051	139	96519	75.840	ng	98
57) 2,4-Dinitrotoluene	10.116	165	102633	45.762	ng	92
58) Fluorene	10.469	166	348969	44.062	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	83826	43.258	ng	94
60) Diethylphthalate	10.339	149	342754	45.468	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	165173	43.705	ng	98
62) 4-Nitroaniline	10.492	138	75705	44.528	ng	98
63) Azobenzene	10.622	77	293275	43.529	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	53414	44.800	ng	99
66) n-Nitrosodiphenylamine	10.581	169	298278	43.662	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	101294	45.153	ng	96
68) Hexachlorobenzene	11.022	284	109072	43.756	ng	100
69) Atrazine	11.104	200	85401	48.410	ng	99
70) Pentachlorophenol	11.222	266	97372	78.391	ng	98
71) Phenanthrene	11.439	178	461695	43.239	ng	99
72) Anthracene	11.486	178	480353	43.864	ng	100
73) Carbazole	11.645	167	415390	43.955	ng	100
74) Di-n-butylphthalate	11.963	149	460630	46.789	ng	100
75) Fluoranthene	12.627	202	436467	43.071	ng	99
77) Benzidine	12.751	184	257555	68.815	ng	99
78) Pyrene	12.857	202	432273	46.294	ng	100
80) Butylbenzylphthalate	13.469	149	131197	48.438	ng	95
81) Benzo(a)anthracene	14.045	228	306755	45.646	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	79021	36.252	ng	99
83) Chrysene	14.086	228	263566	43.953	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	172233	44.196	ng	99
85) Di-n-octyl phthalate	14.639	149	312074	42.469	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	383294	42.516	ng	98
88) Benzo(b)fluoranthene	15.116	252	292823	42.756	ng	99
89) Benzo(k)fluoranthene	15.145	252	287902	44.932	ng	99
90) Benzo(a)pyrene	15.492	252	292328	44.183	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	314182	42.892	ng	98
92) Benzo(g,h,i)perylene	17.545	276	312480	42.781	ng	98

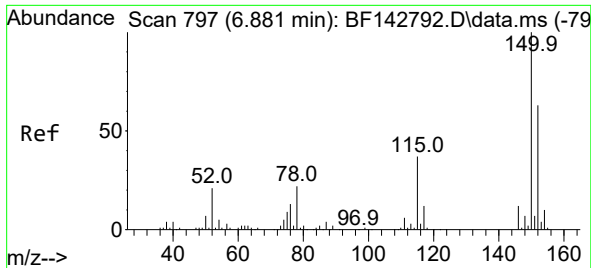
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143028.D
Acq On : 08 Jul 2025 12:25
Operator : RC/JU
Sample : PB168716BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168716BSD

Quant Time: Jul 08 12:51:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

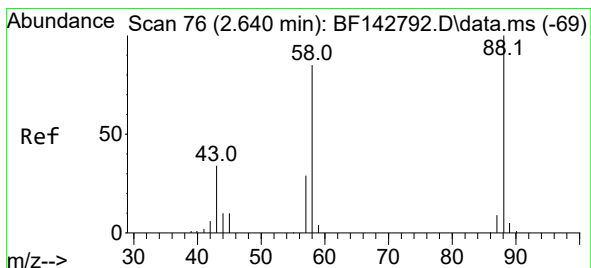
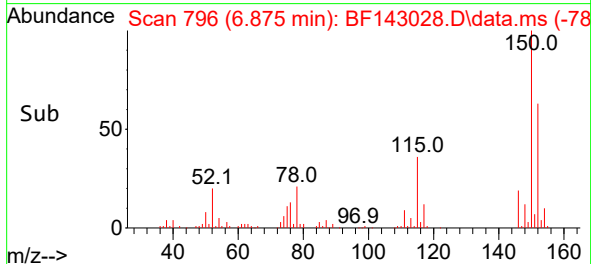
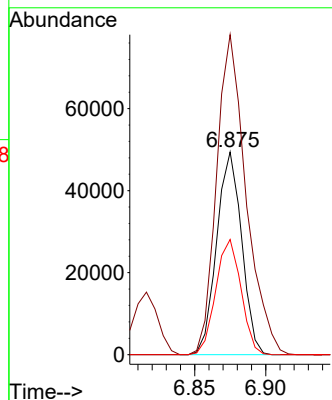
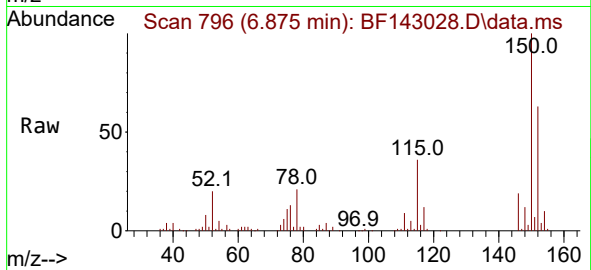




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

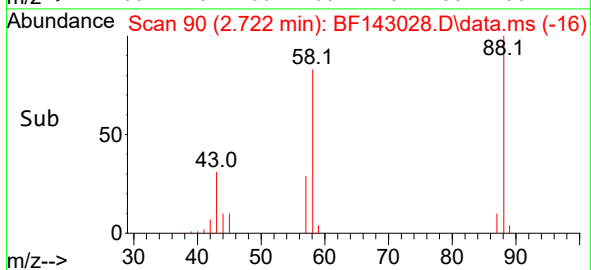
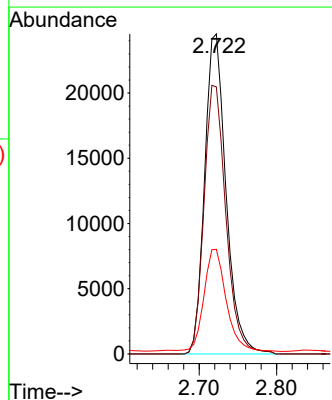
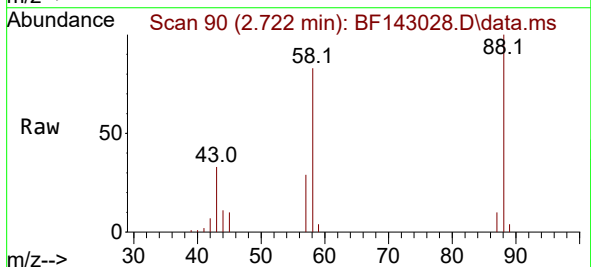
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

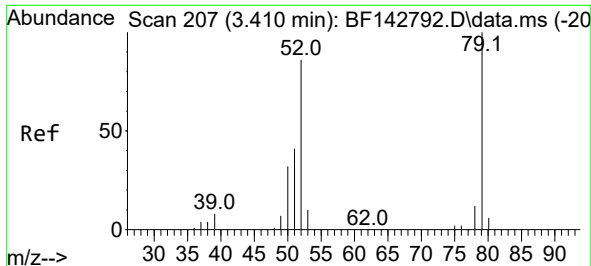
Tgt Ion:152 Resp: 60408
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.2 190.8
 115 56.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 32.444 ng
 RT: 2.722 min Scan# 90
 Delta R.T. 0.082 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

Tgt Ion: 88 Resp: 47084
 Ion Ratio Lower Upper
 88 100
 58 86.0 69.1 103.7
 43 33.2 27.4 41.2





#3

Pyridine

Concen: 36.231 ng

RT: 3.487 min Scan# 211

Delta R.T. 0.077 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

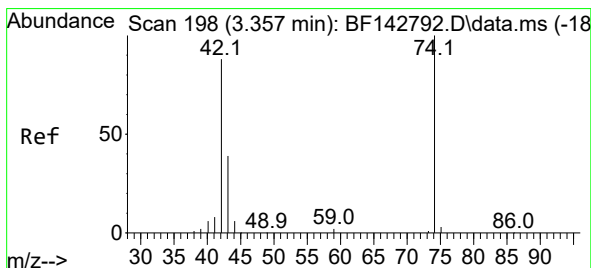
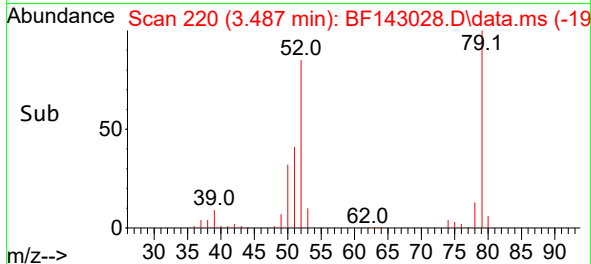
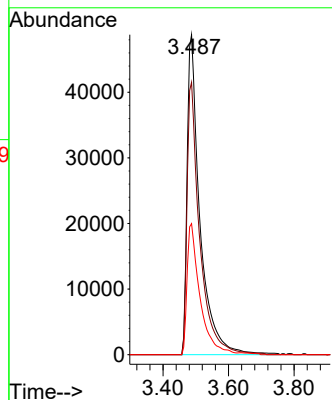
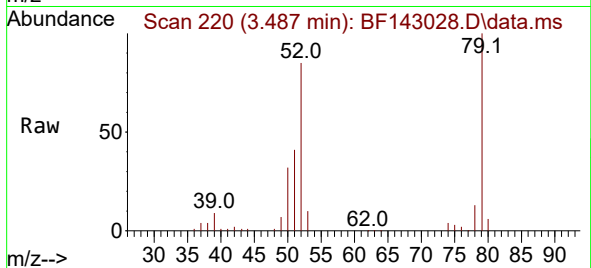
Tgt Ion: 79 Resp: 131813

Ion Ratio Lower Upper

79 100

52 85.1 69.2 103.8

51 41.0 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 37.595 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.077 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

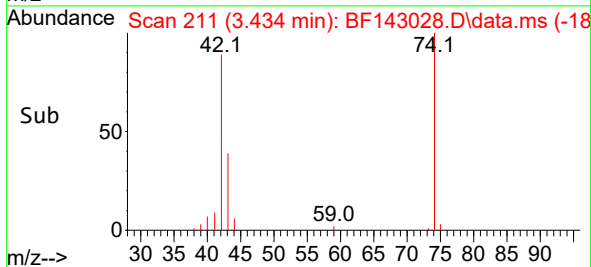
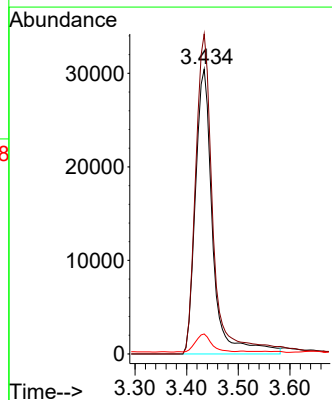
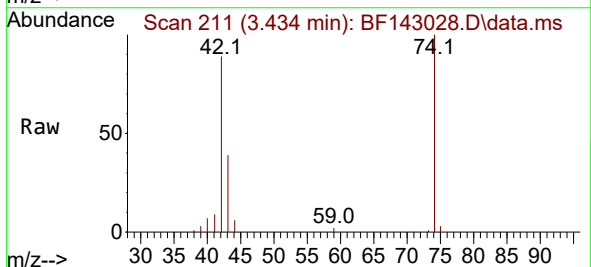
Tgt Ion: 42 Resp: 70729

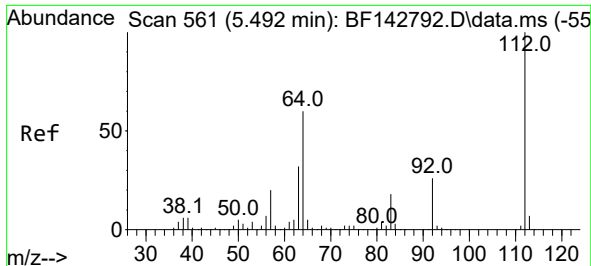
Ion Ratio Lower Upper

42 100

74 112.3 90.9 136.3

44 7.0 5.8 8.6

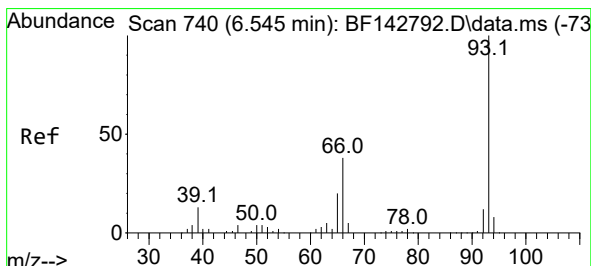
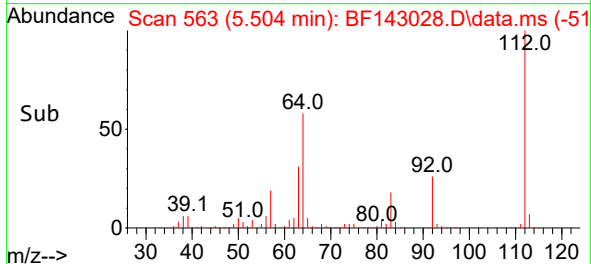
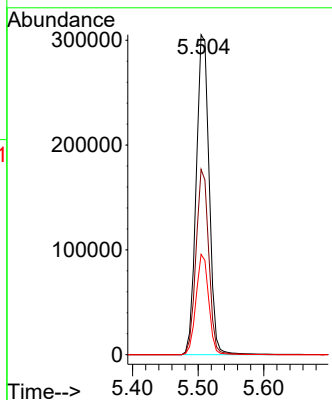
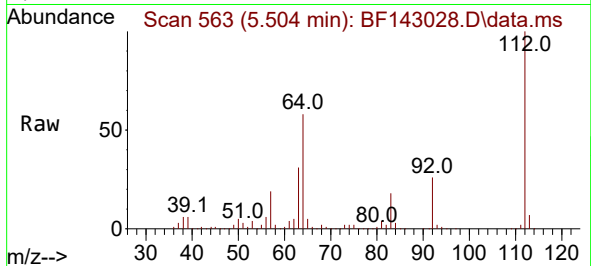




#5
2-Fluorophenol
Concen: 115.904 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

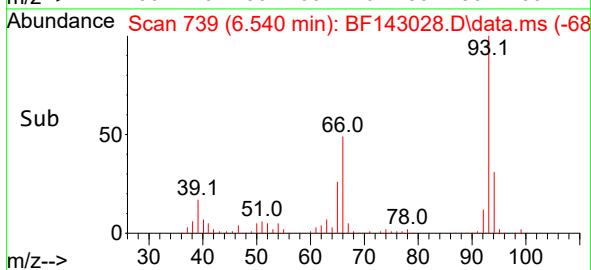
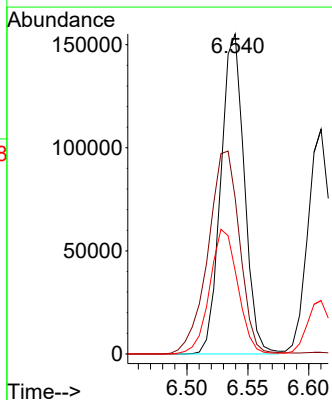
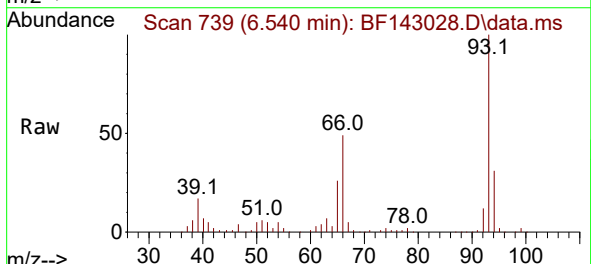
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

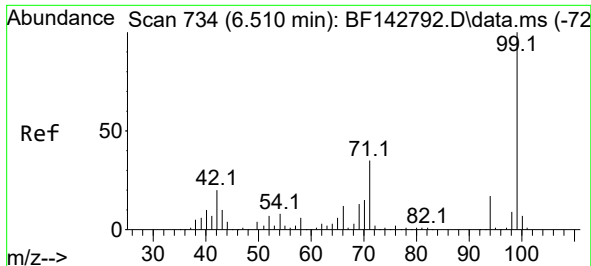
Tgt Ion:112 Resp: 420531
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 31.3 25.7 38.5



#6
Aniline
Concen: 36.556 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion: 93 Resp: 208216
Ion Ratio Lower Upper
93 100
66 48.7 31.8 47.6#
65 26.1 16.2 24.2#

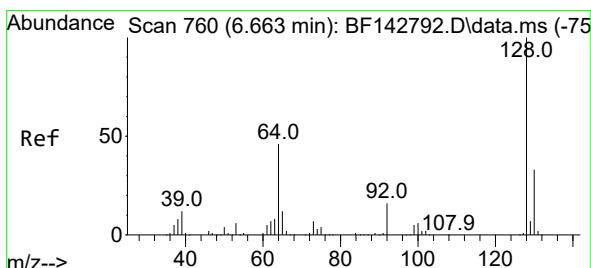
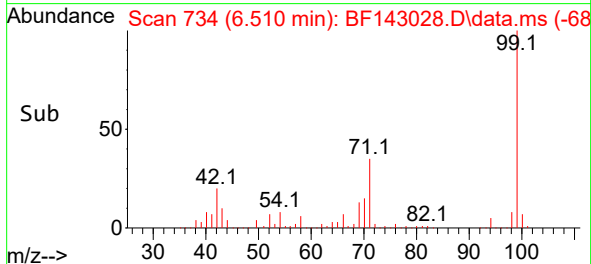
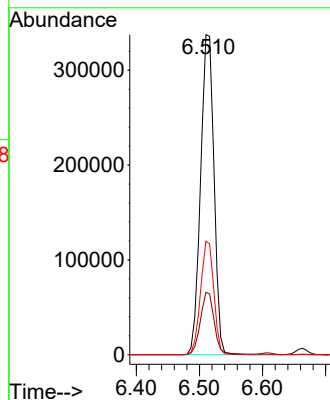
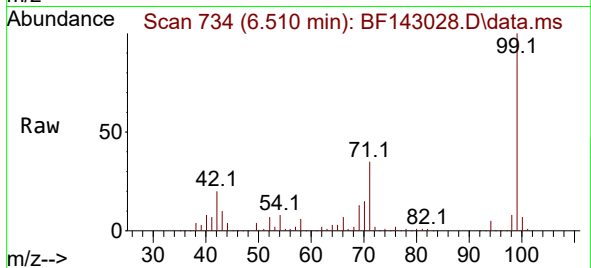




#7
Phenol-d6
Concen: 116.410 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

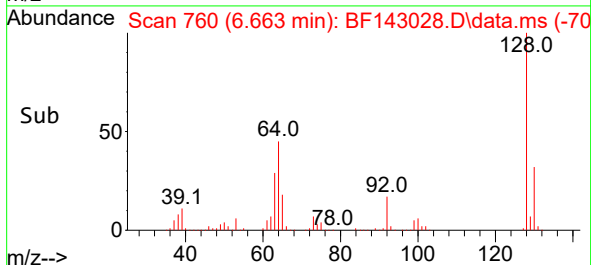
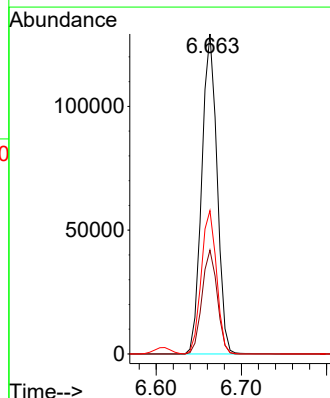
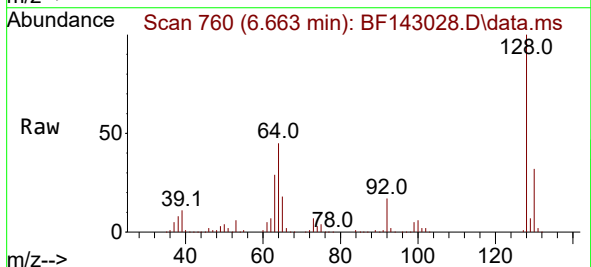
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

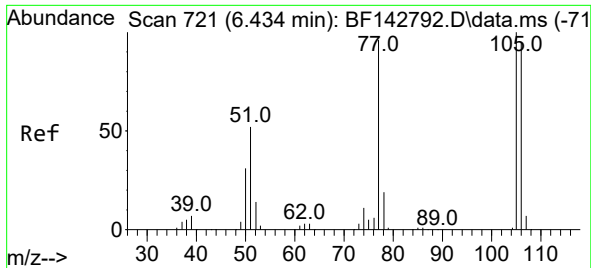
Tgt Ion: 99 Resp: 498311
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 41.205 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:128 Resp: 161271
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 44.8 26.5 66.5

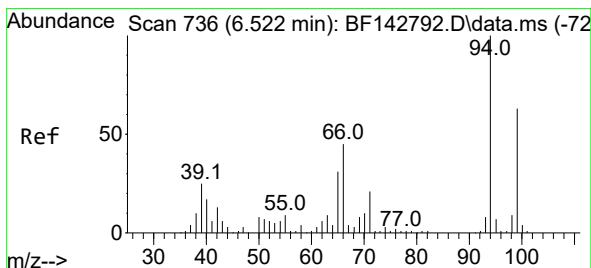
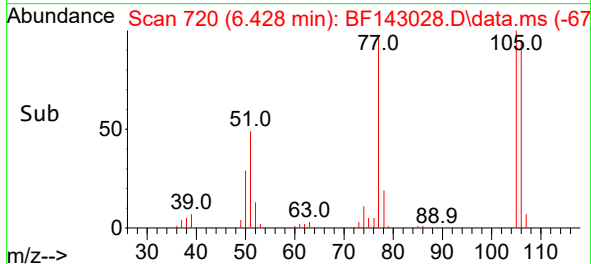
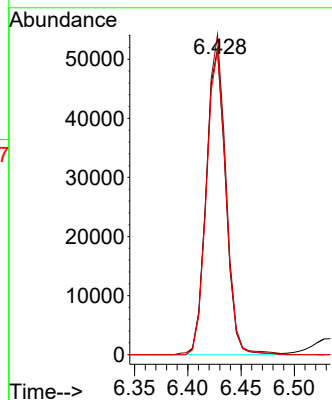
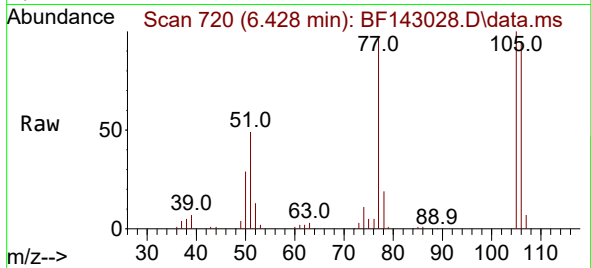




#9
Benzaldehyde
Concen: 25.943 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

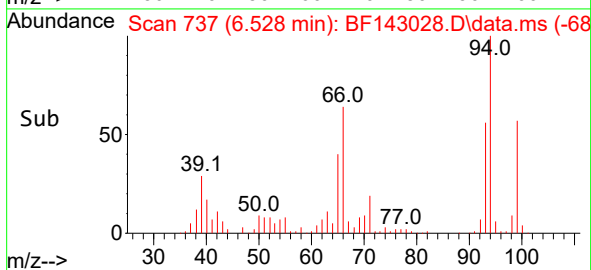
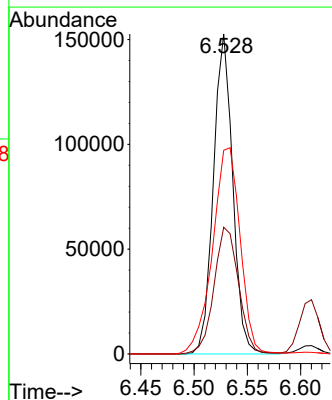
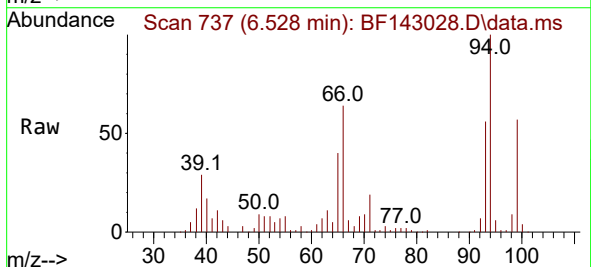
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

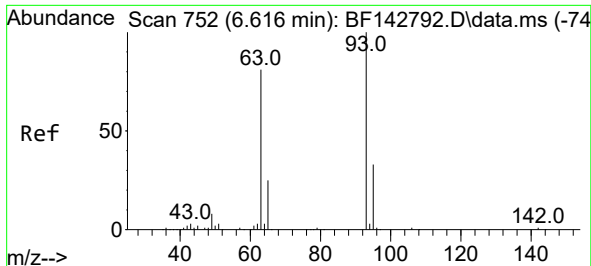
Tgt Ion: 77 Resp: 65886
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 99.2 78.7 118.7



#10
Phenol
Concen: 40.312 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion: 94 Resp: 191814
Ion Ratio Lower Upper
94 100
65 39.6 11.3 51.3
66 63.6 24.9 64.9

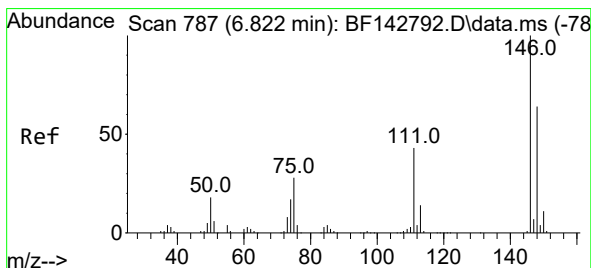
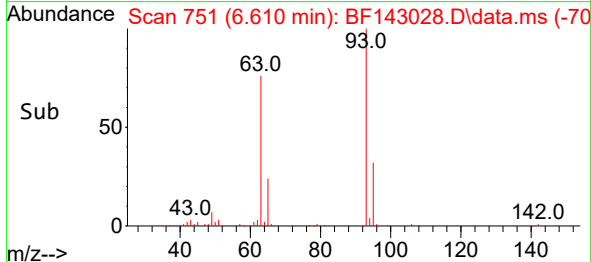
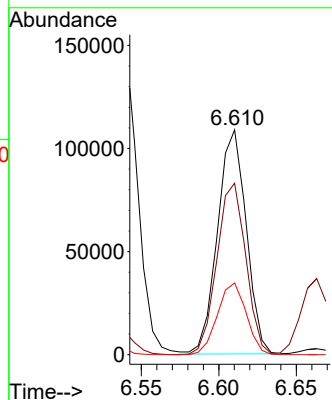
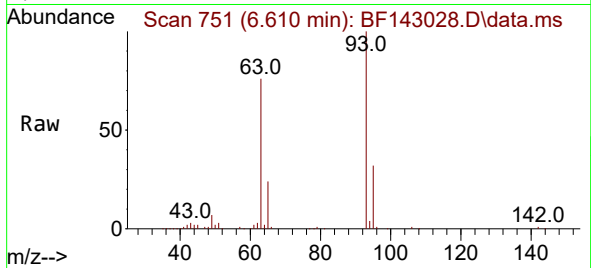




#11
bis(2-Chloroethyl)ether
Concen: 41.196 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

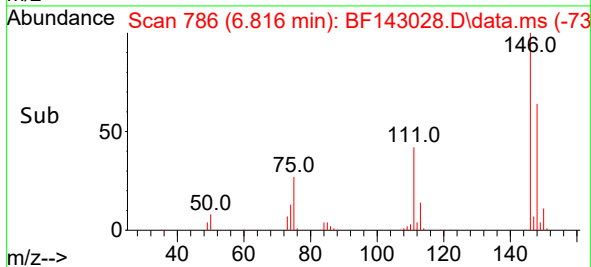
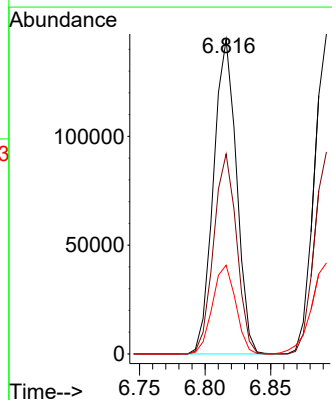
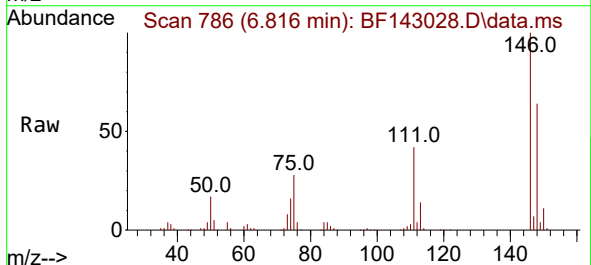
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

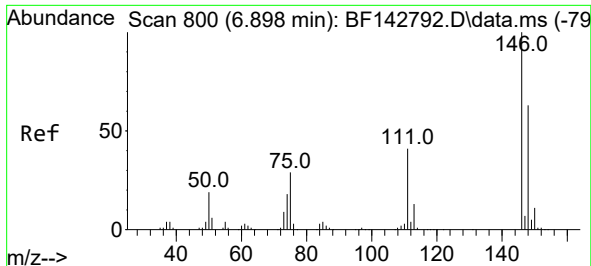
Tgt Ion: 93 Resp: 140098
Ion Ratio Lower Upper
93 100
63 76.3 60.3 100.3
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.315 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:146 Resp: 176469
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
75 28.2 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 40.334 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

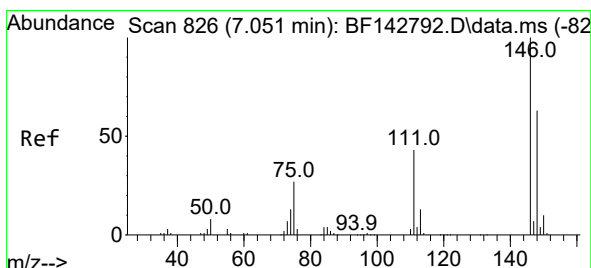
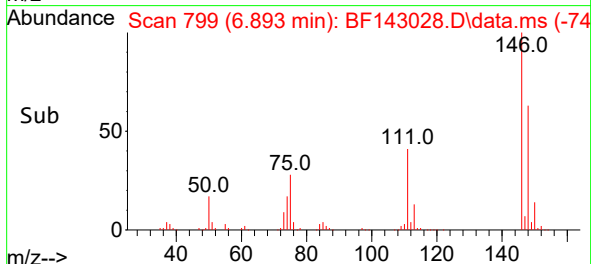
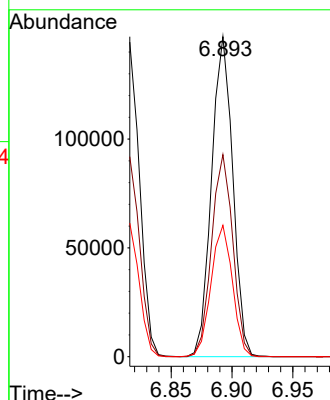
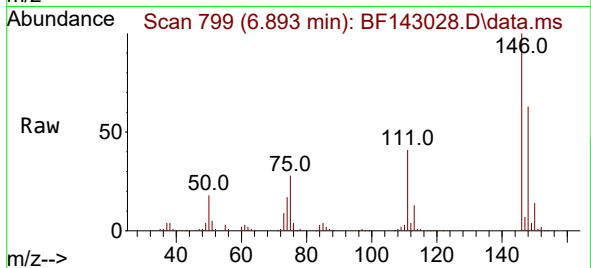
Tgt Ion:146 Resp: 178127

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 40.234 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

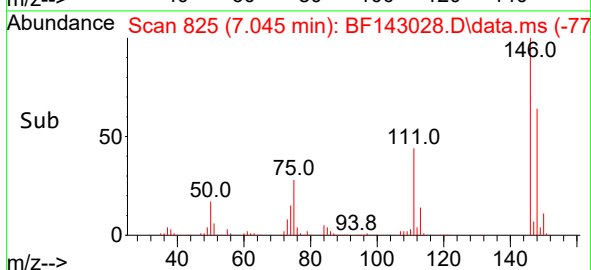
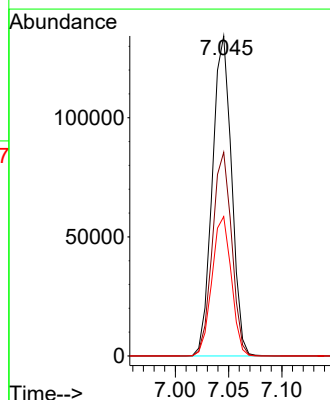
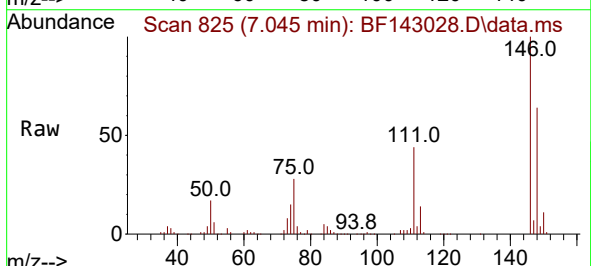
Tgt Ion:146 Resp: 168532

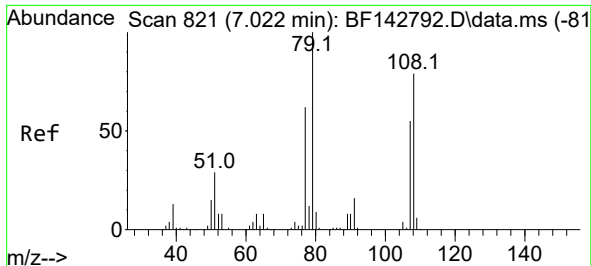
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 43.6 34.1 51.1

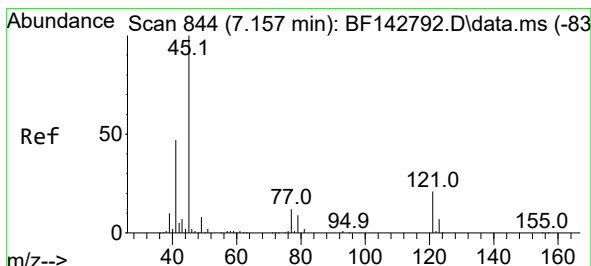
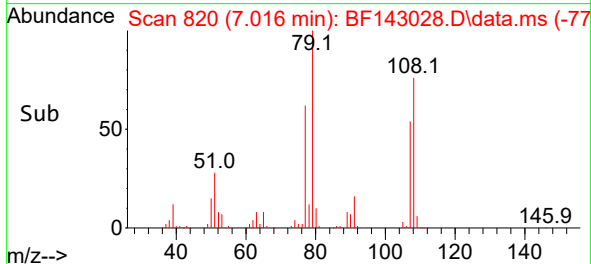
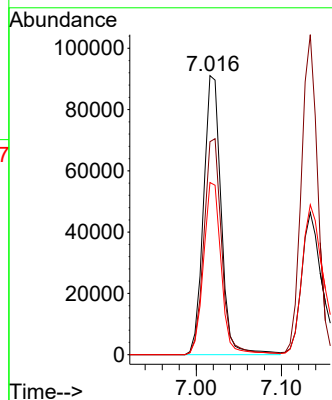
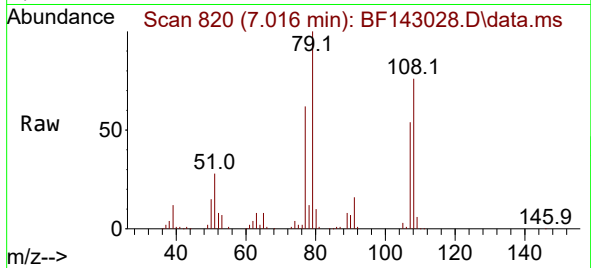




#15
Benzyl Alcohol
Concen: 42.314 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

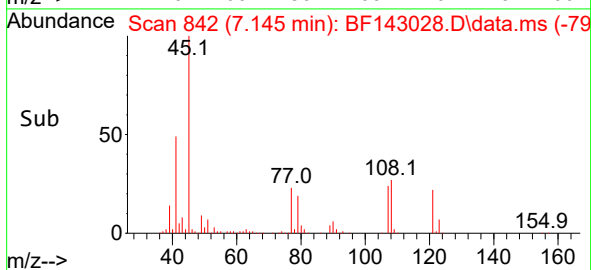
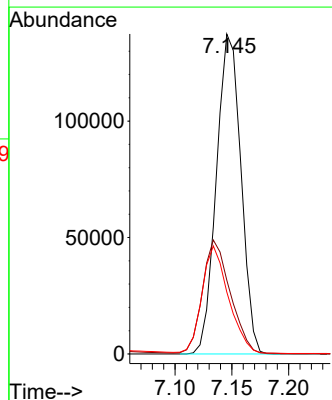
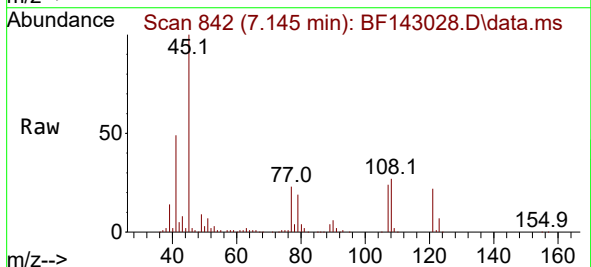
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

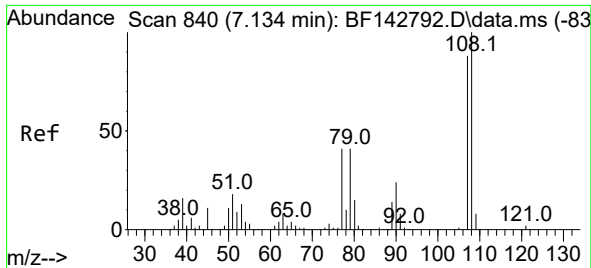
Tgt Ion: 79 Resp: 130947
Ion Ratio Lower Upper
79 100
108 76.3 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.793 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion: 45 Resp: 206494
Ion Ratio Lower Upper
45 100
77 23.1 0.0 32.8
79 19.4 0.0 29.8

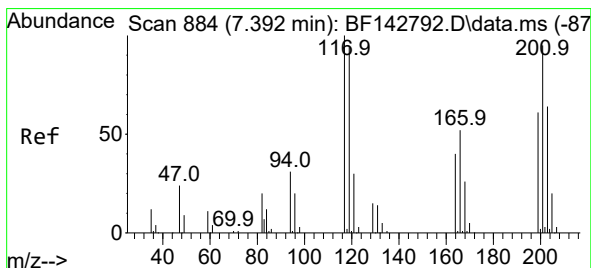
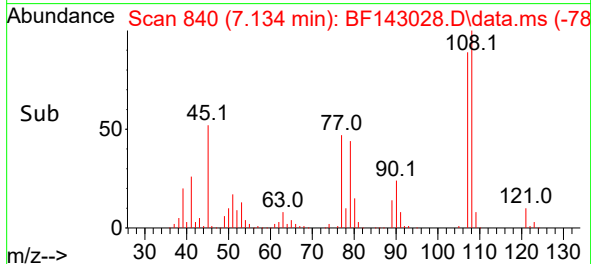
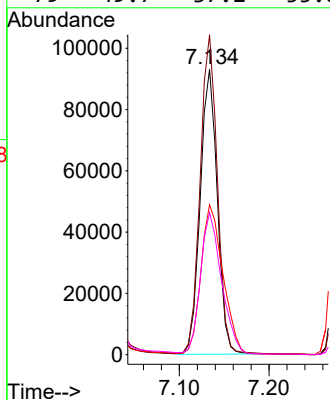
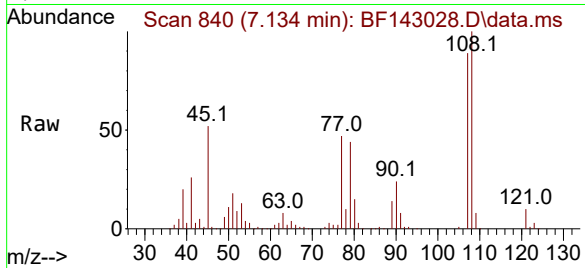




#17
2-Methylphenol
Concen: 41.359 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

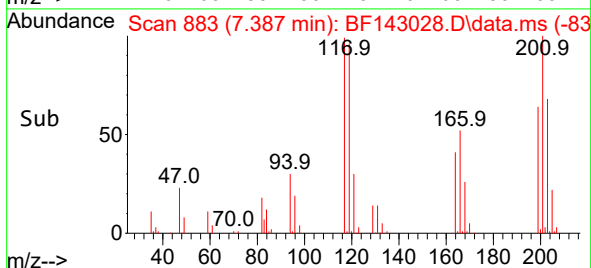
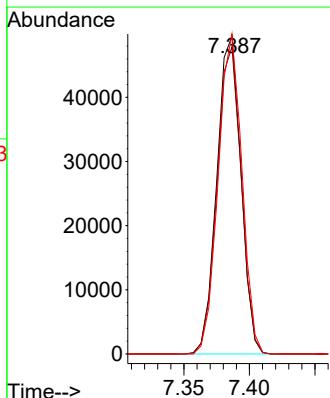
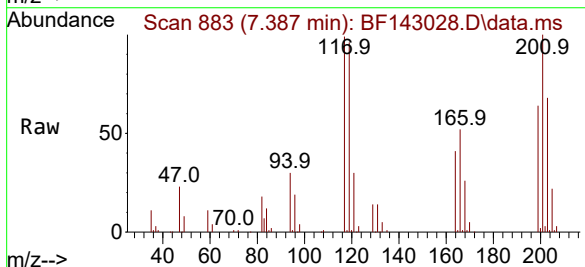
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

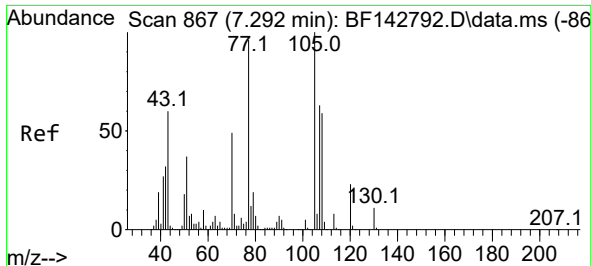
Tgt Ion:	107	Resp:	122670
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	52.5	37.3	55.9
79	49.7	37.2	55.8



#18
Hexachloroethane
Concen: 40.880 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:	117	Resp:	63147
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	100.7	75.9	113.9

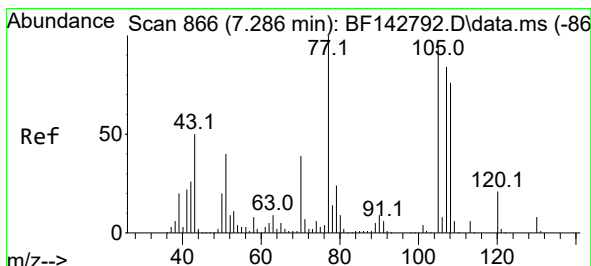
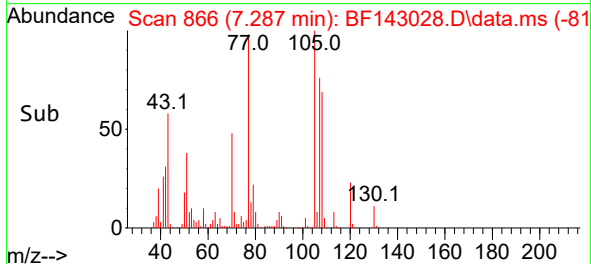
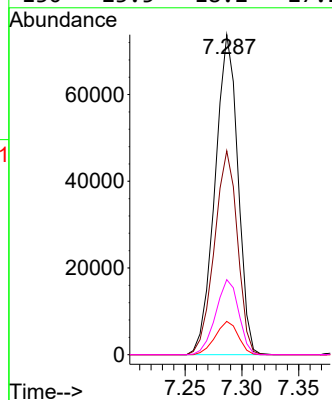
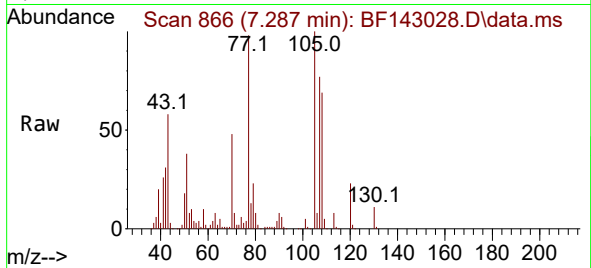




#19
n-Nitroso-di-n-propylamine
Concen: 41.534 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

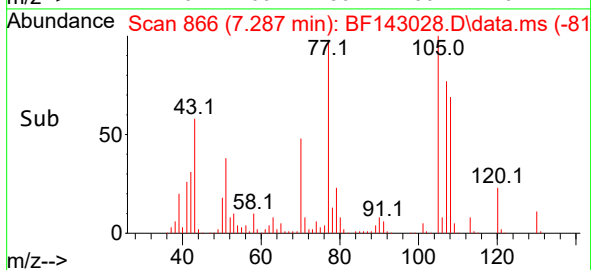
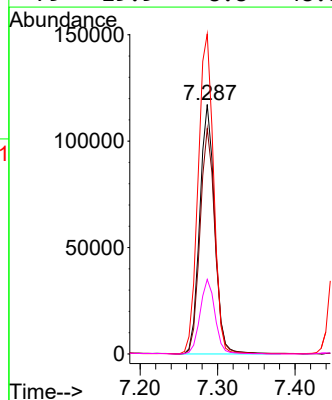
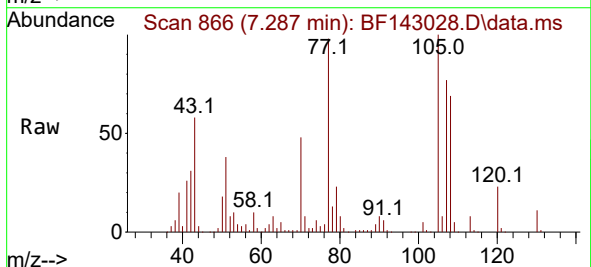
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

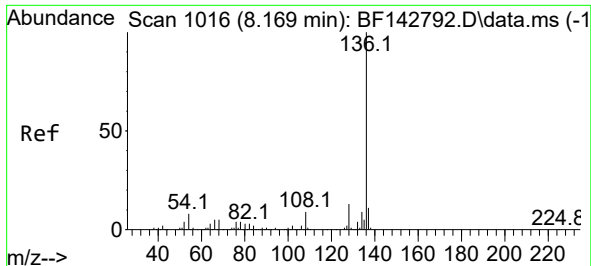
Tgt Ion: 70 Resp: 103405
Ion Ratio Lower Upper
70 100
42 63.7 52.1 78.1
101 10.4 8.2 12.2
130 23.5 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.485 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:107 Resp: 157112
Ion Ratio Lower Upper
107 100
108 90.4 70.0 110.0
77 128.3 98.5 138.5
79 29.9 8.8 48.8

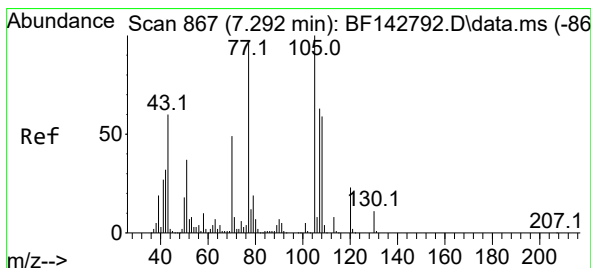
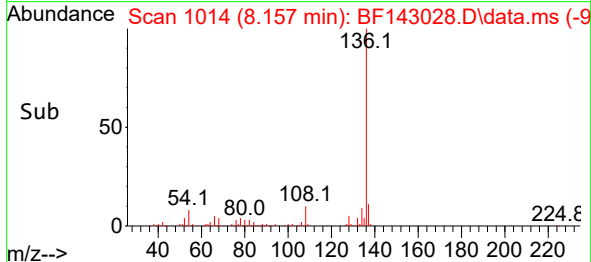
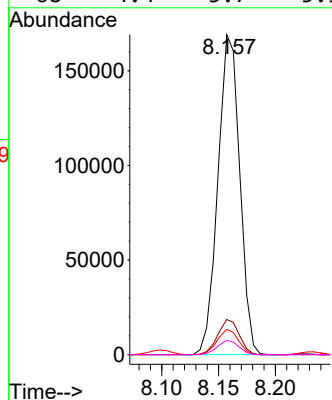
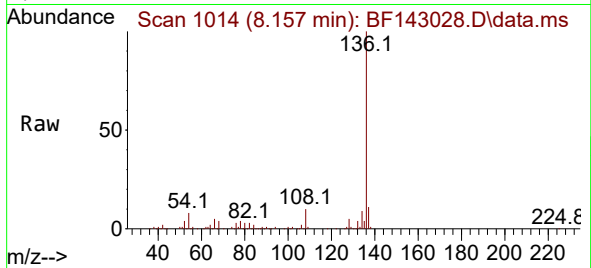




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

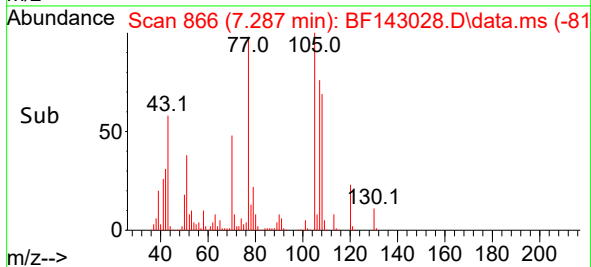
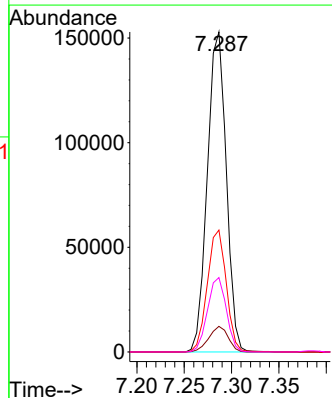
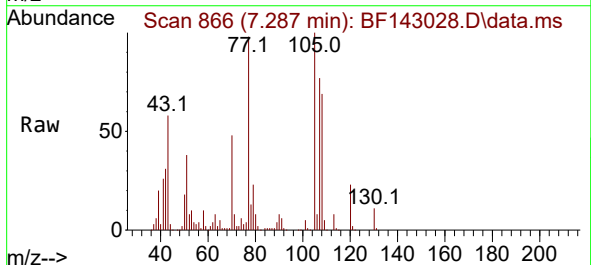
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

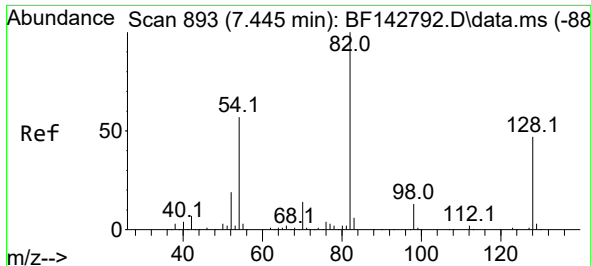
Tgt Ion:136 Resp: 226362
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 42.587 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:105 Resp: 212582
Ion Ratio Lower Upper
105 100
71 8.0 6.5 9.7
51 38.1 29.8 44.8
120 23.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.898 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

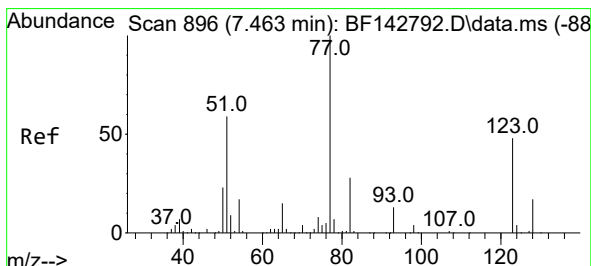
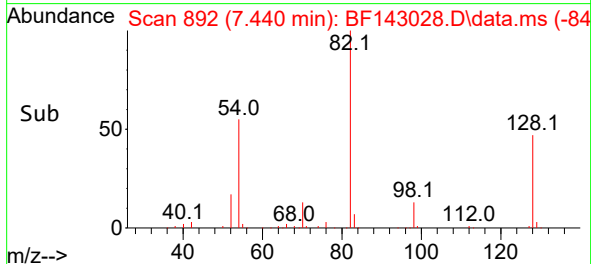
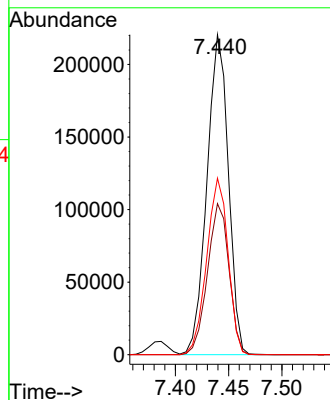
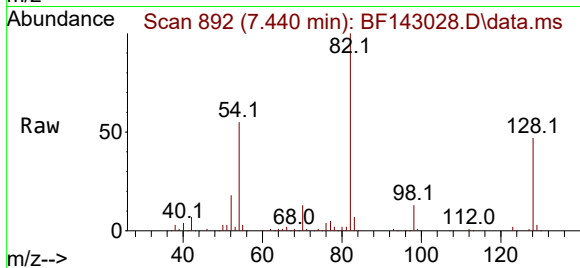
Tgt Ion: 82 Resp: 309095

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 42.302 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

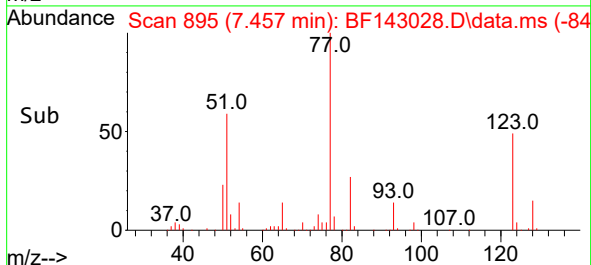
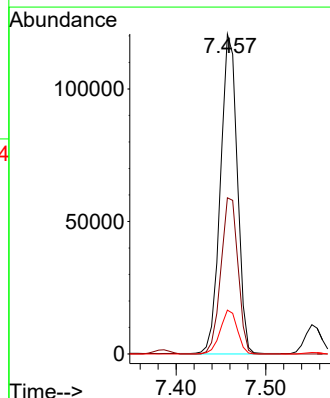
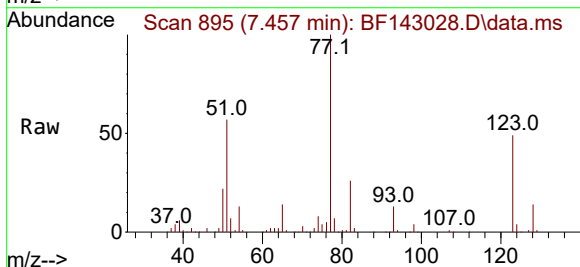
Tgt Ion: 77 Resp: 158005

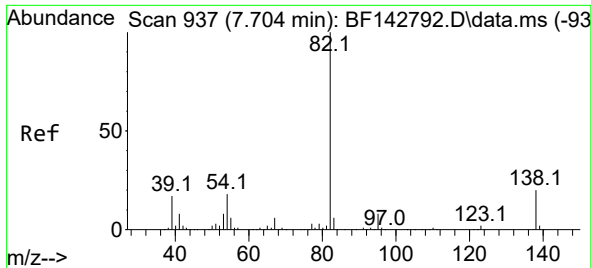
Ion Ratio Lower Upper

77 100

123 48.8 39.2 58.8

65 13.7 11.6 17.4

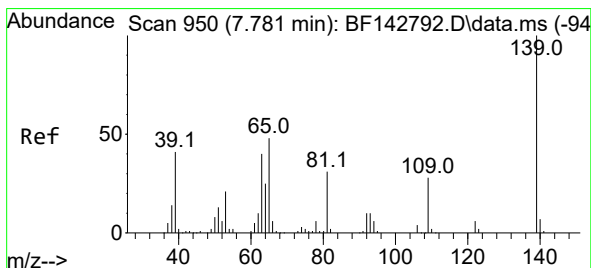
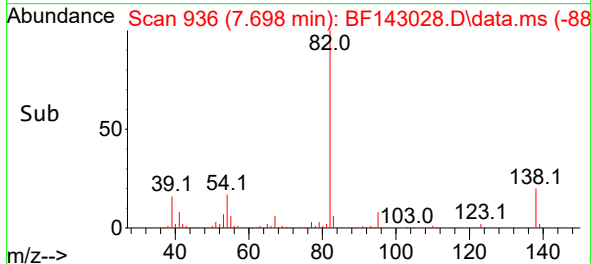
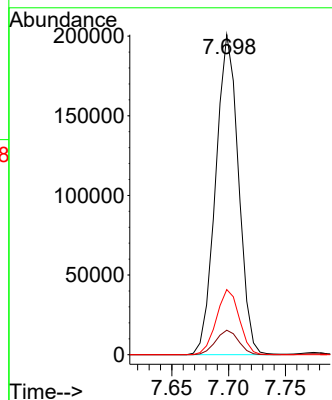
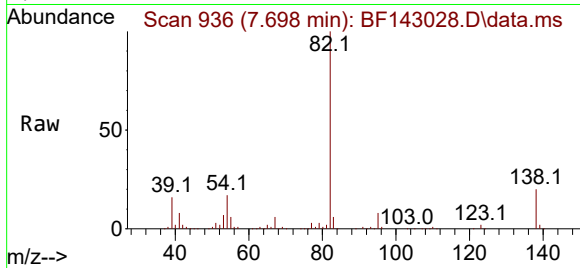




#25
Isophorone
Concen: 42.407 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

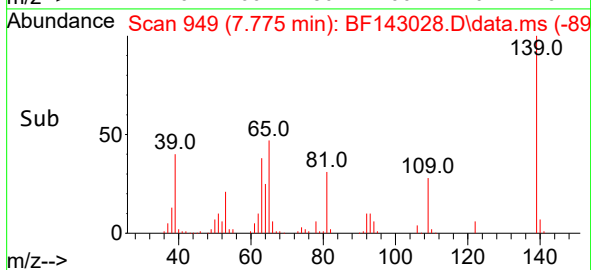
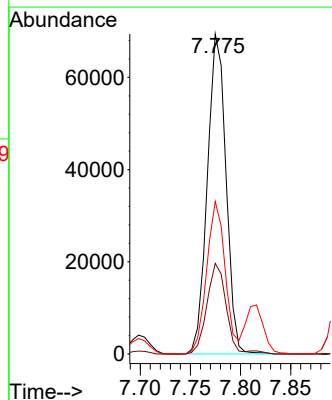
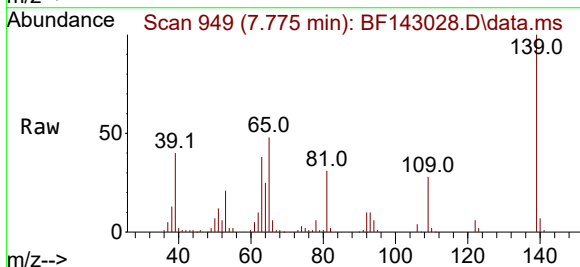
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

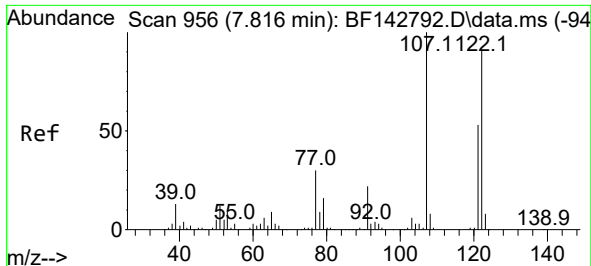
Tgt Ion: 82 Resp: 280738
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 44.245 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:139 Resp: 90027
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 47.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.464 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

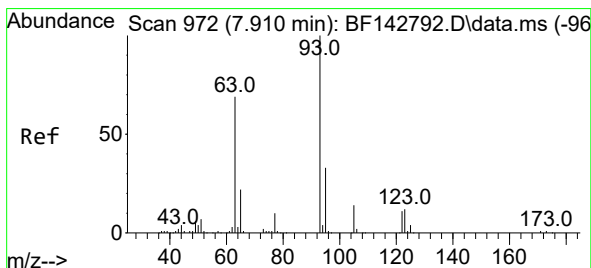
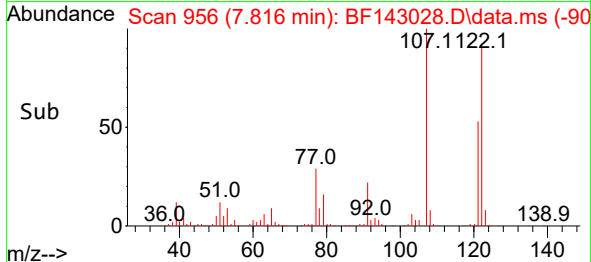
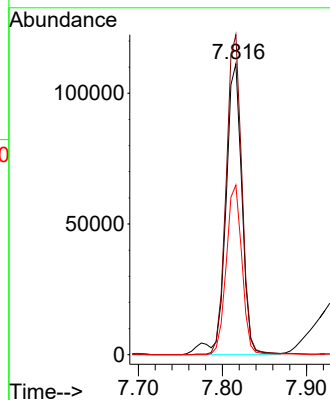
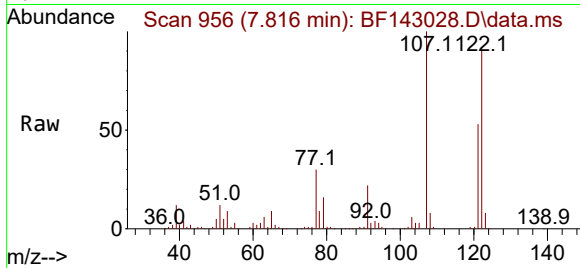
Tgt Ion:122 Resp: 149664

Ion Ratio Lower Upper

122 100

107 110.0 88.0 132.0

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.968 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

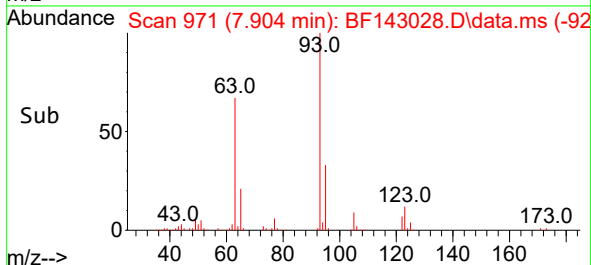
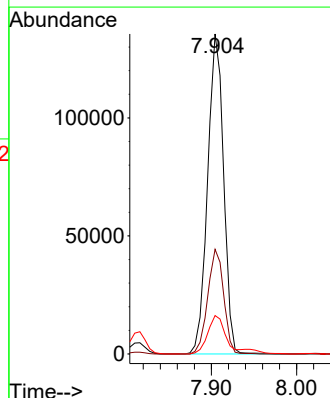
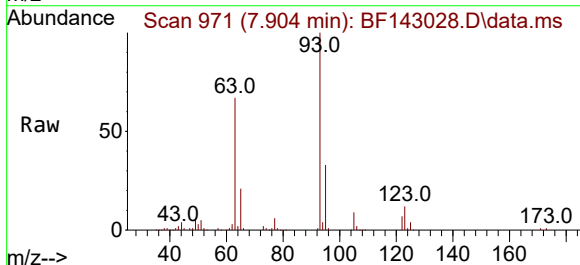
Tgt Ion: 93 Resp: 176633

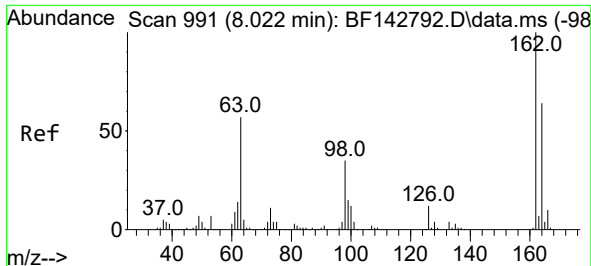
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.390 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143028.D

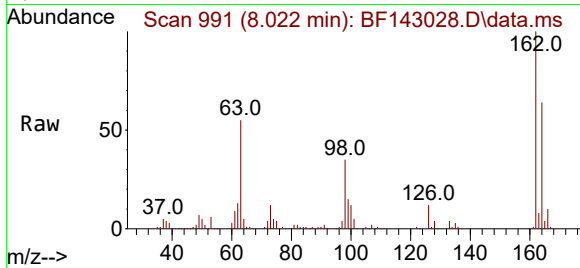
Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD



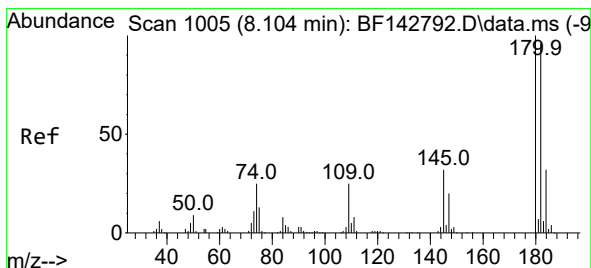
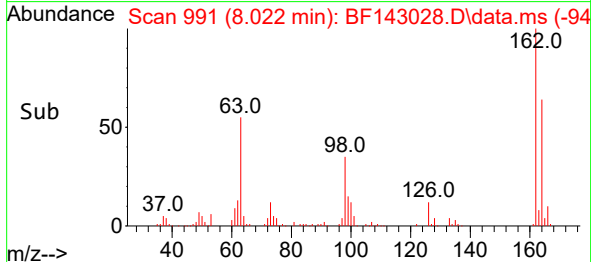
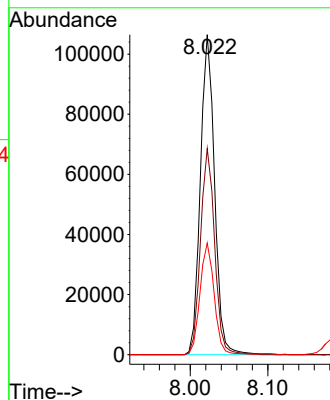
Tgt Ion:162 Resp: 135467

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 34.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.197 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

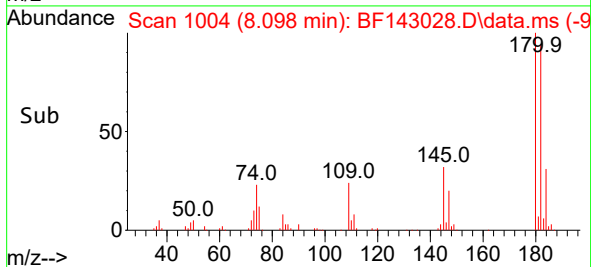
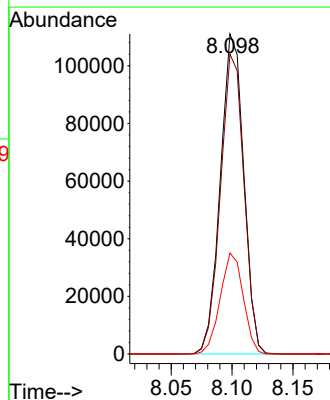
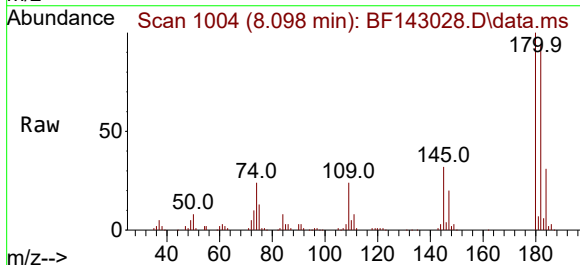
Tgt Ion:180 Resp: 148284

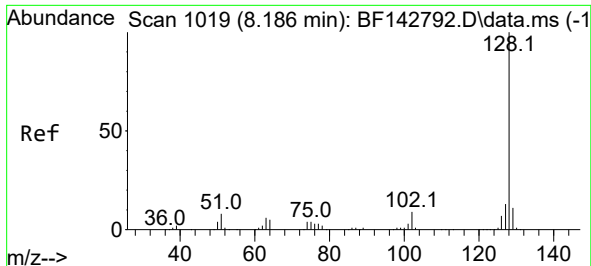
Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

145 31.5 25.8 38.8

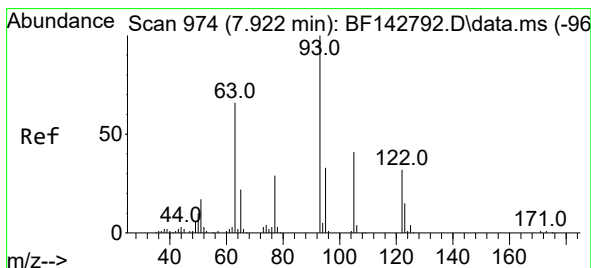
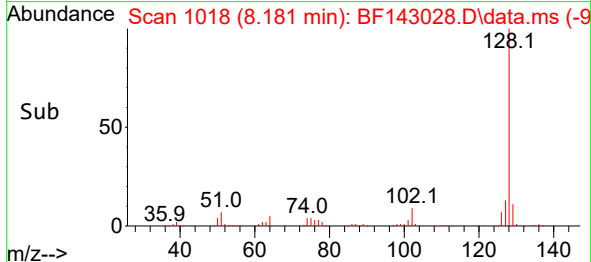
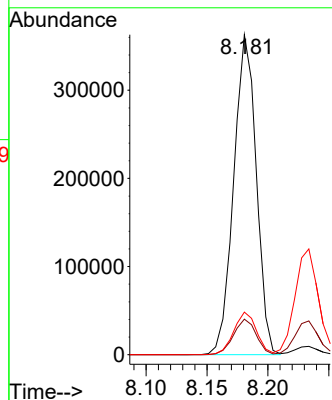
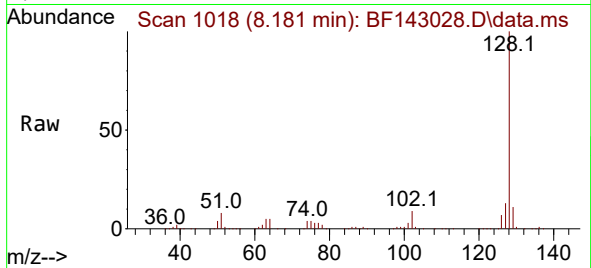




#31
Naphthalene
Concen: 42.249 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

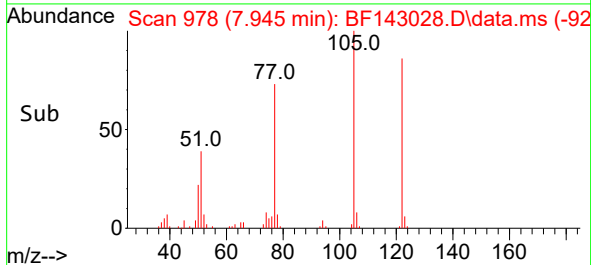
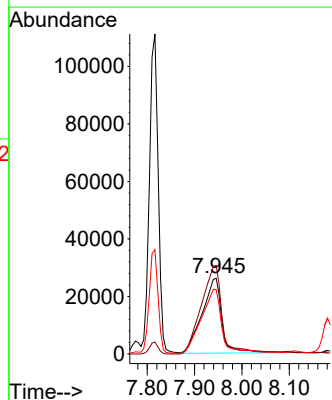
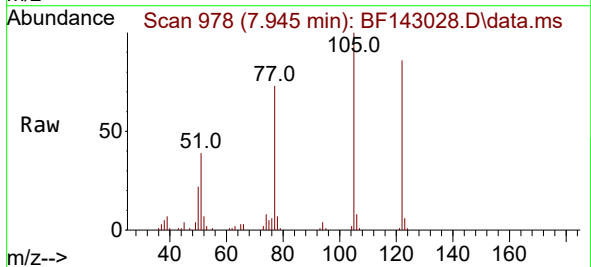
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

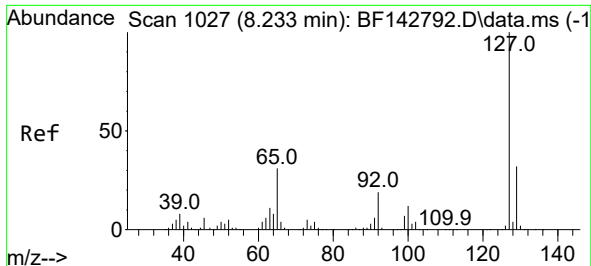
Tgt Ion:128 Resp: 468116
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 42.020 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:122 Resp: 75484
Ion Ratio Lower Upper
122 100
105 116.9 104.7 144.7
77 85.1 70.2 110.2

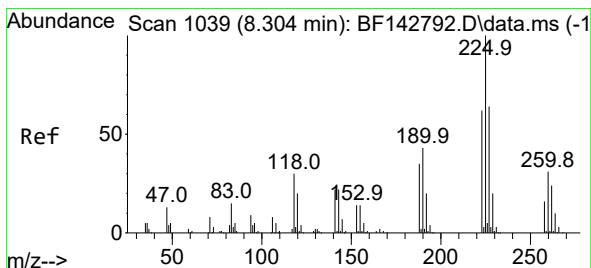
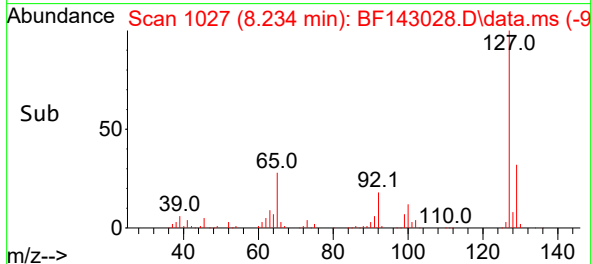
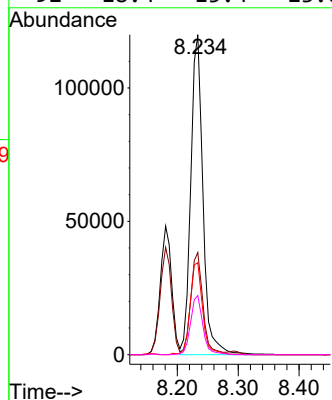
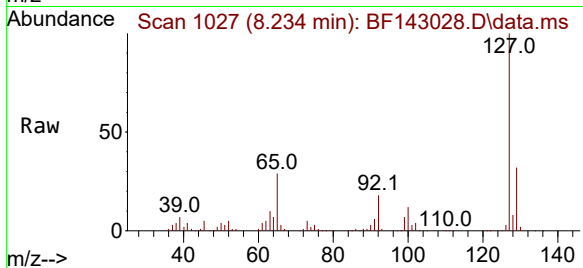




#33
4-Chloroaniline
Concen: 37.169 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

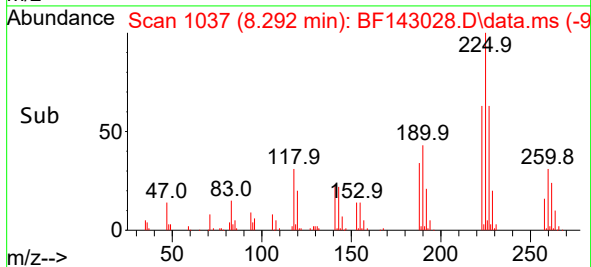
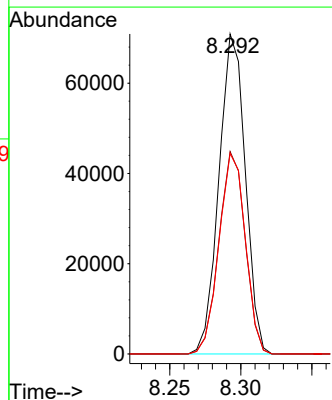
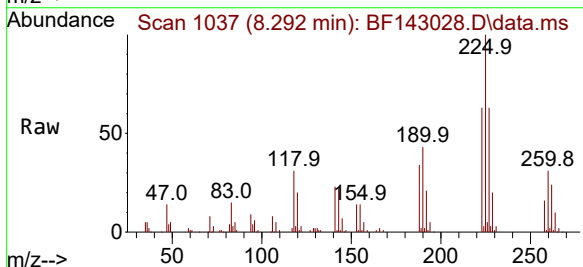
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

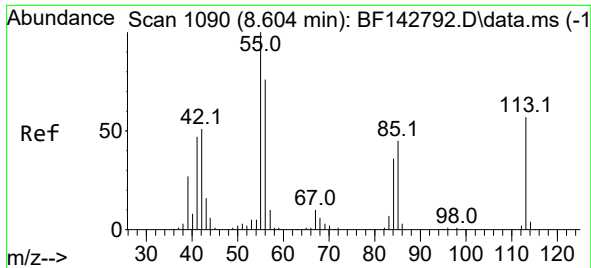
Tgt Ion:	127	Resp:	167459
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.8	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.544 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:	225	Resp:	91447
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	62.7	51.4	77.0

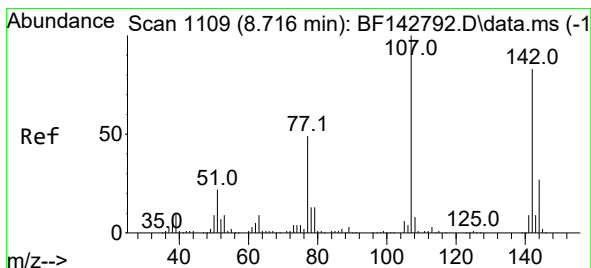
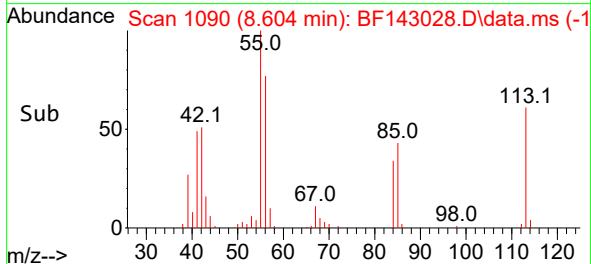
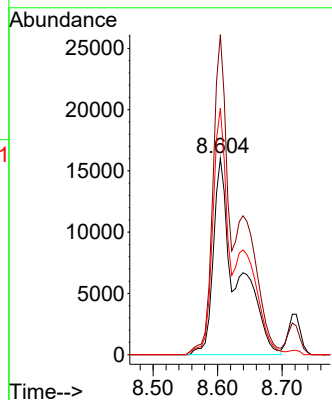
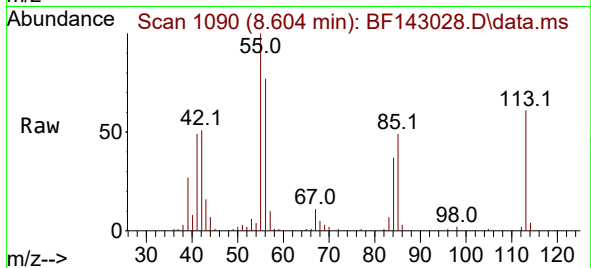




#35
 Caprolactam
 Concen: 48.283 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

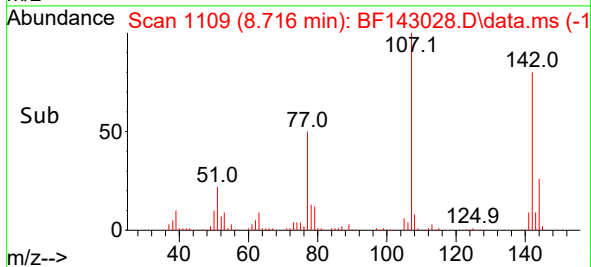
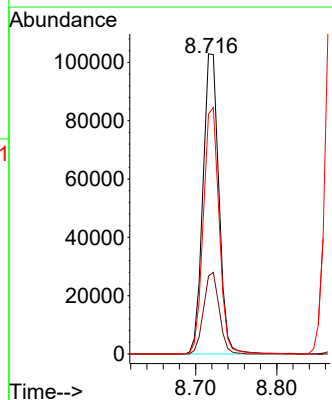
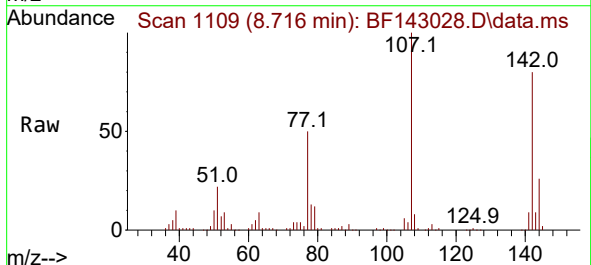
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

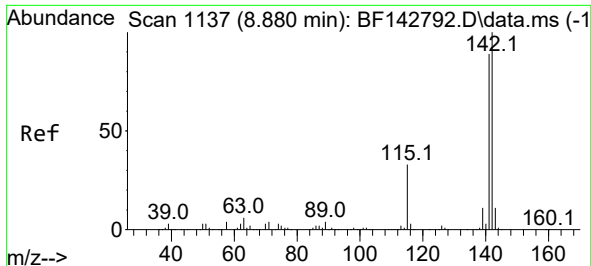
Tgt Ion:113 Resp: 40716
 Ion Ratio Lower Upper
 113 100
 55 163.0 154.4 194.4
 56 125.6 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.294 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

Tgt Ion:107 Resp: 140678
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.3 31.9
 142 79.9 66.6 100.0

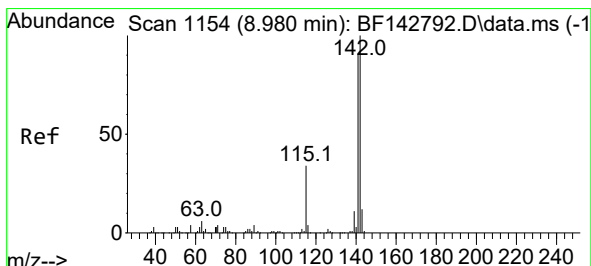
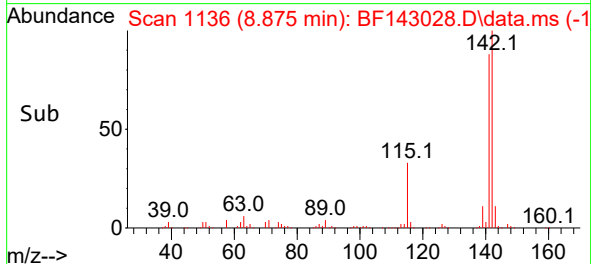
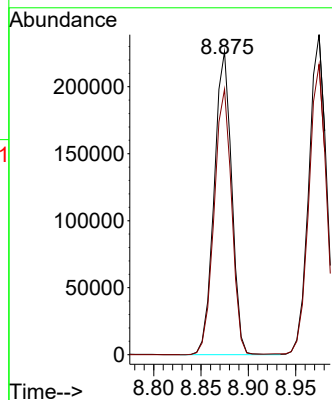
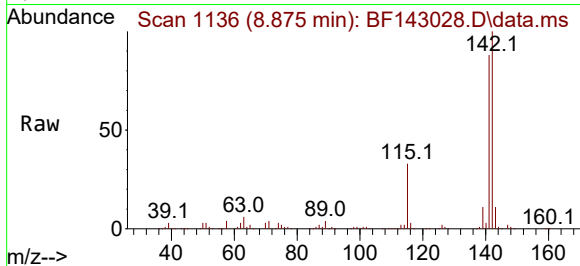




#37
2-Methylnaphthalene
Concen: 42.492 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

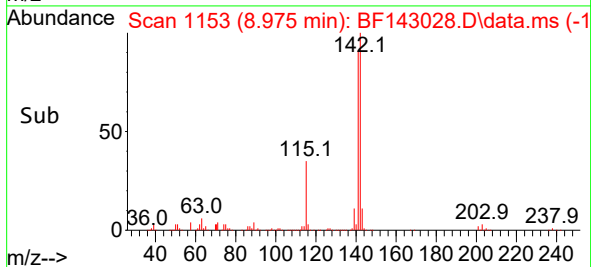
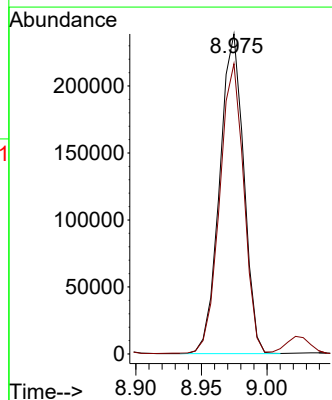
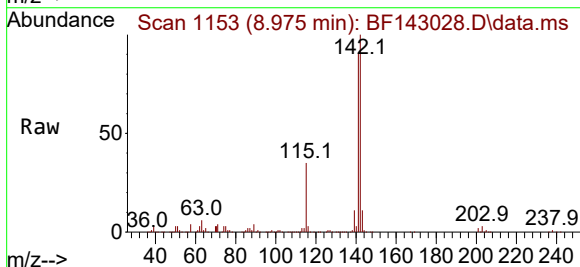
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

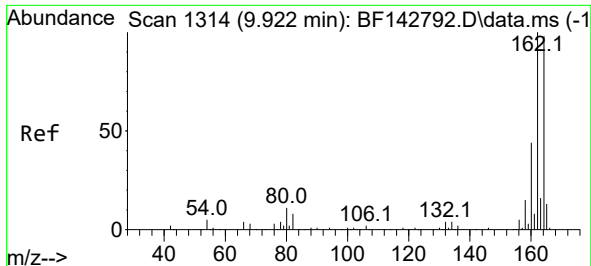
Tgt Ion:142 Resp: 291888
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.891 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:142 Resp: 304995
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

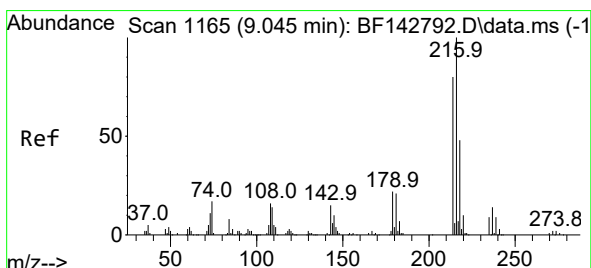
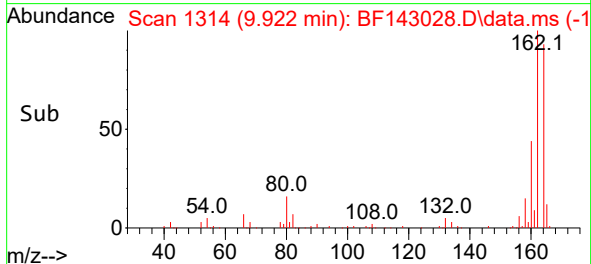
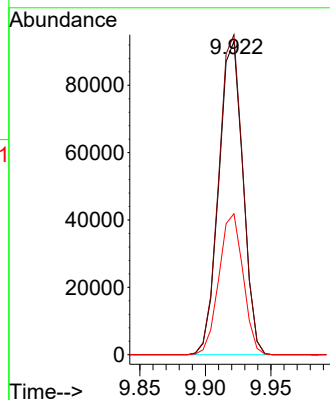
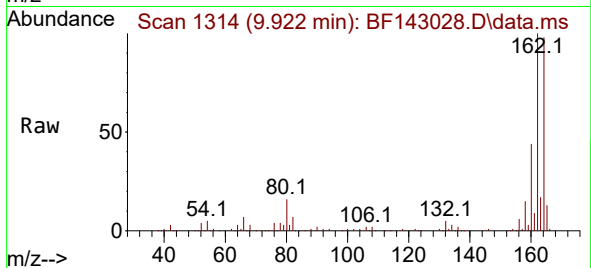
Tgt Ion:164 Resp: 118776

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

160 45.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.917 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Tgt Ion:216 Resp: 150411

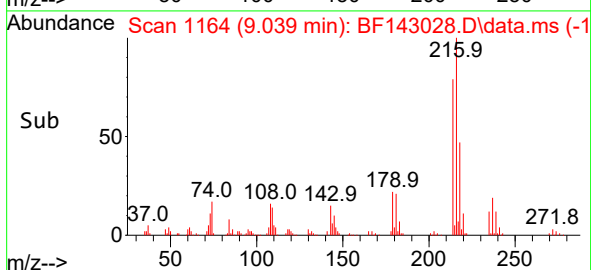
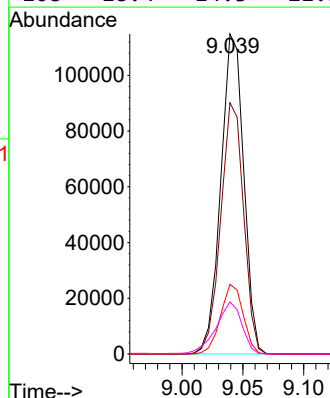
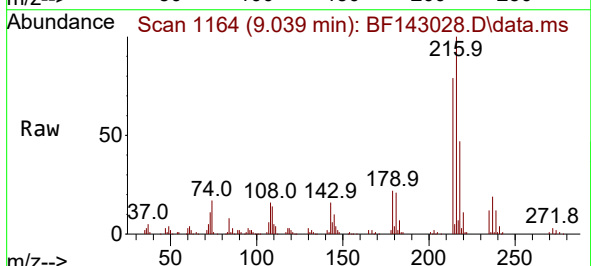
Ion Ratio Lower Upper

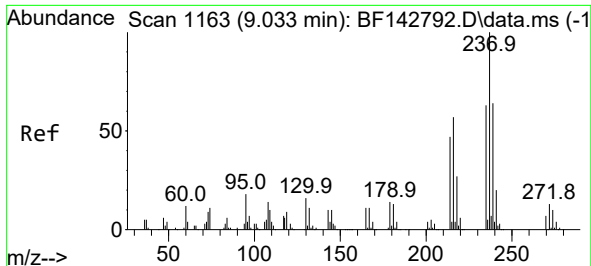
216 100

214 78.3 63.7 95.5

179 21.5 17.6 26.4

108 18.4 14.3 21.5

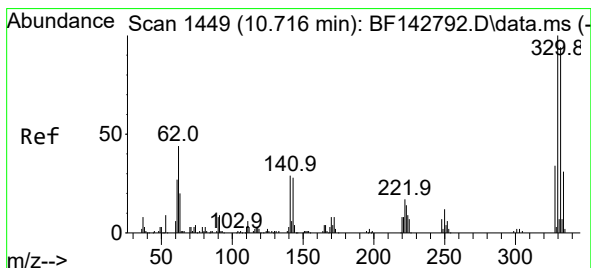
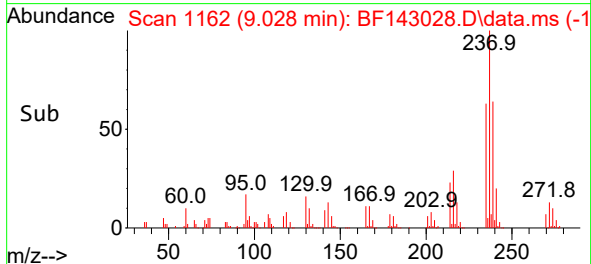
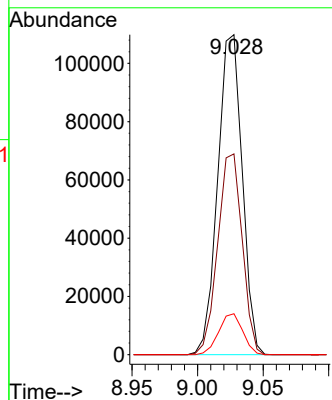
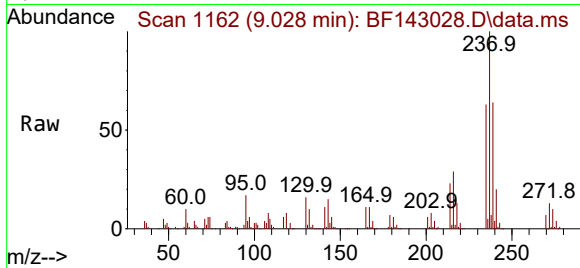




#41
Hexachlorocyclopentadiene
Concen: 71.736 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

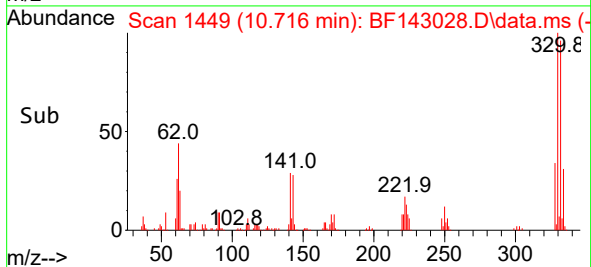
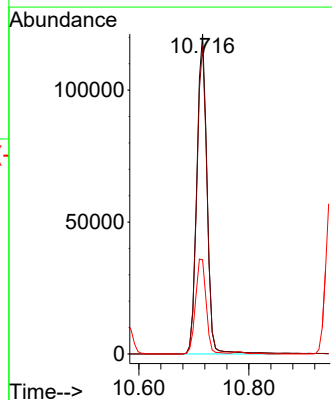
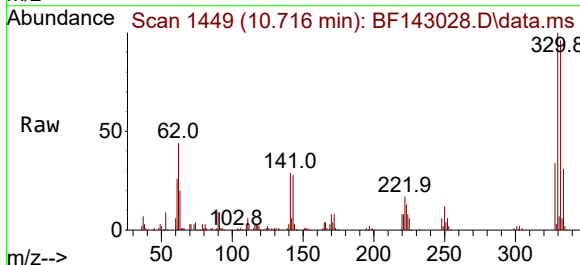
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

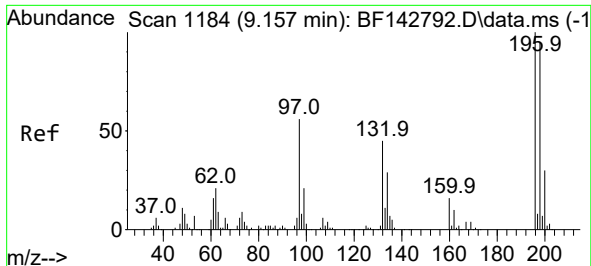
Tgt Ion:237 Resp: 142671
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 127.671 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:330 Resp: 156050
Ion Ratio Lower Upper
330 100
332 96.2 75.0 112.6
141 31.0 25.3 37.9

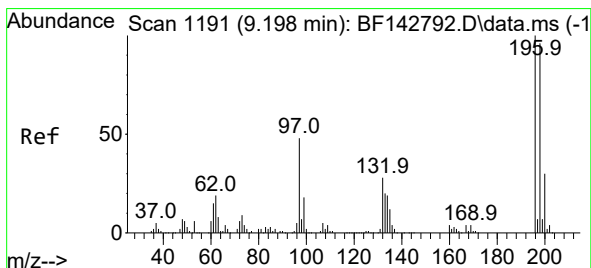
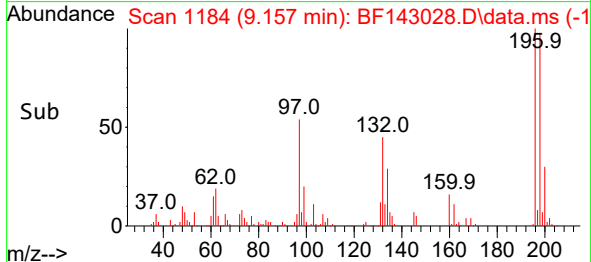
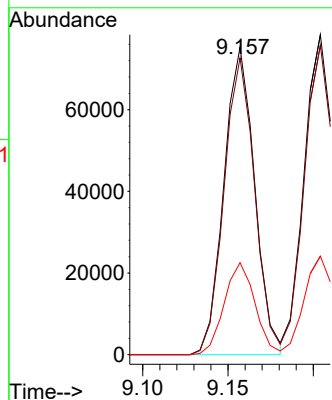
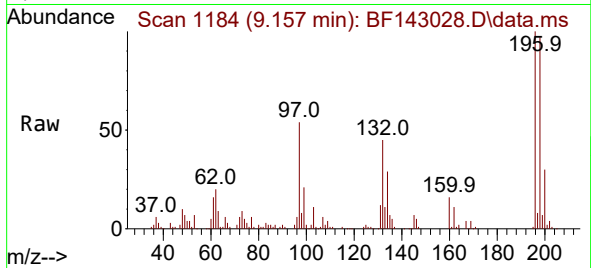




#43
 2,4,6-Trichlorophenol
 Concen: 41.400 ng
 RT: 9.157 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

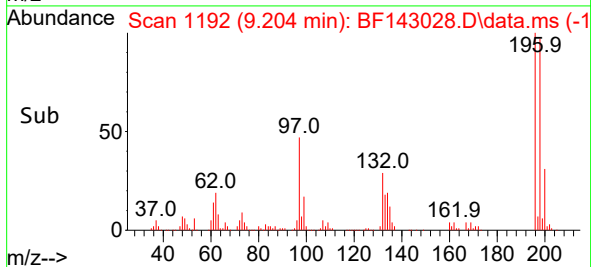
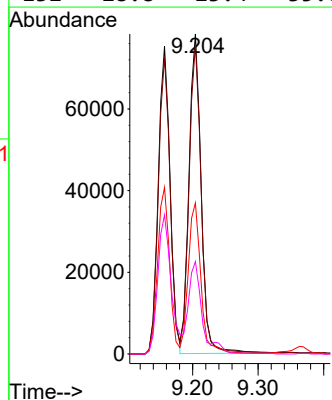
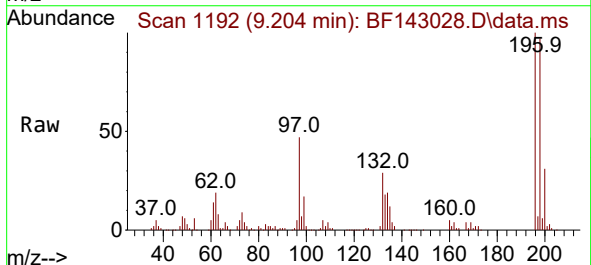
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

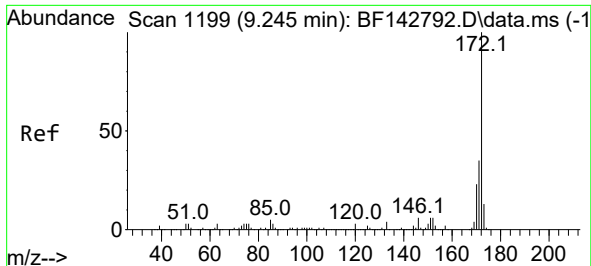
Tgt Ion:196 Resp: 94547
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.2
 200 29.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.055 ng
 RT: 9.204 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

Tgt Ion:196 Resp: 101102
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 97 47.2 38.2 57.2
 132 28.8 23.4 35.0

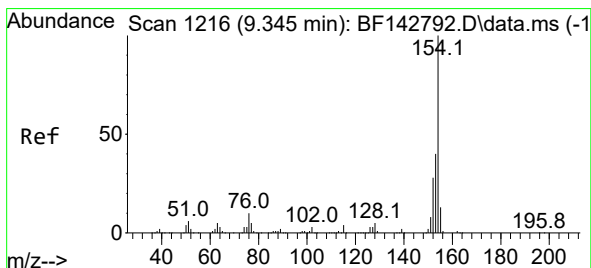
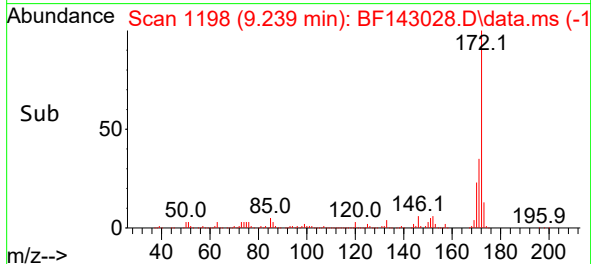
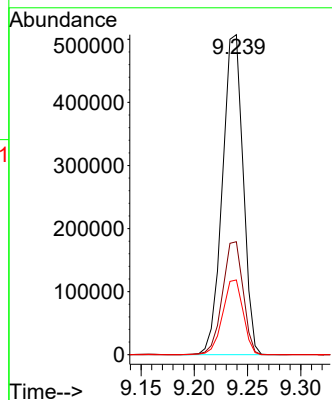
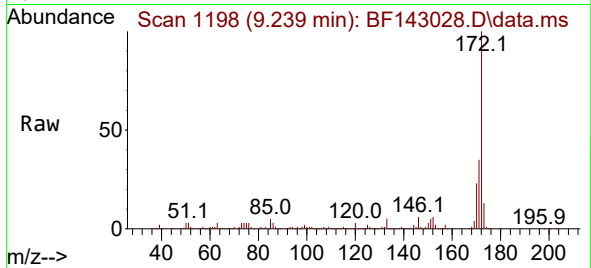




#45
2-Fluorobiphenyl
Concen: 75.467 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

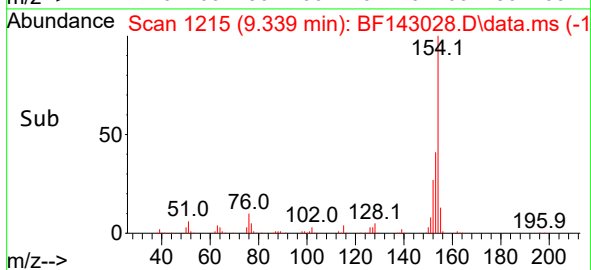
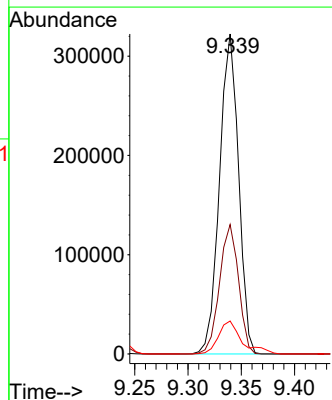
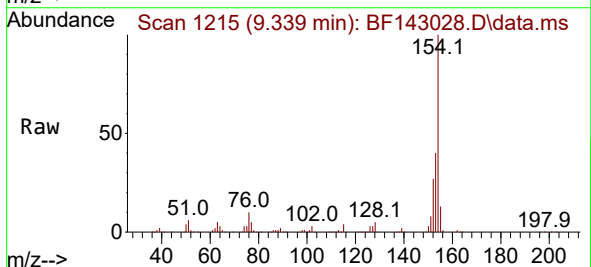
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

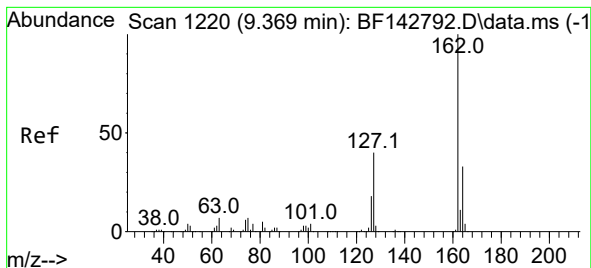
Tgt Ion:172 Resp: 682333
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.605 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:154 Resp: 399750
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.080 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

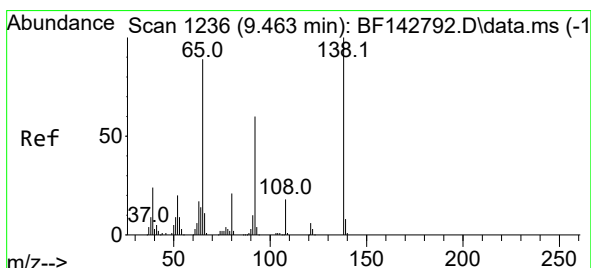
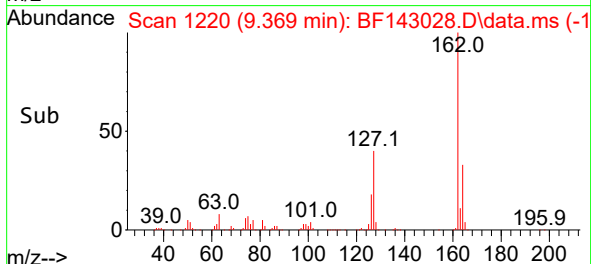
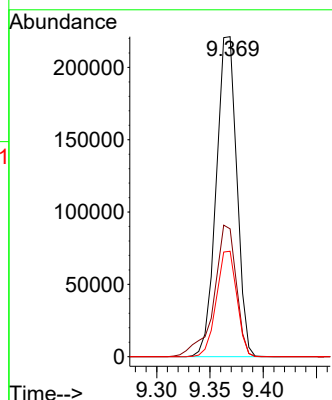
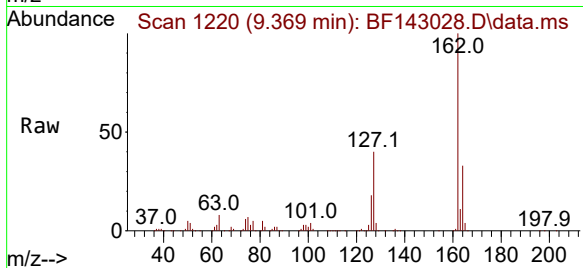
Tgt Ion:162 Resp: 296286

Ion Ratio Lower Upper

162 100

127 39.9 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 44.490 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

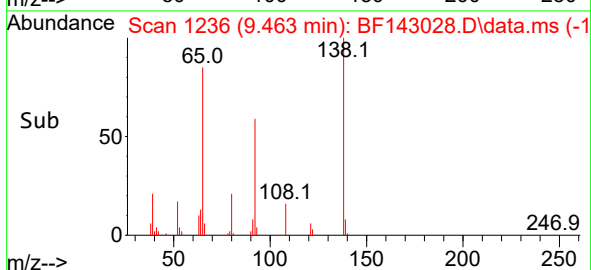
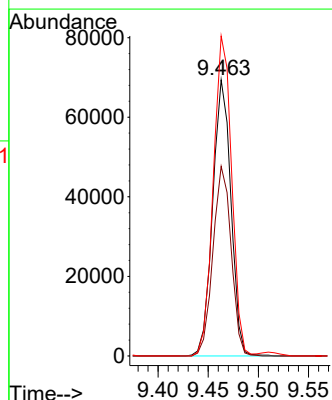
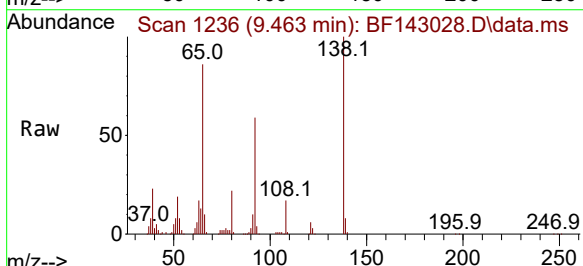
Tgt Ion: 65 Resp: 87823

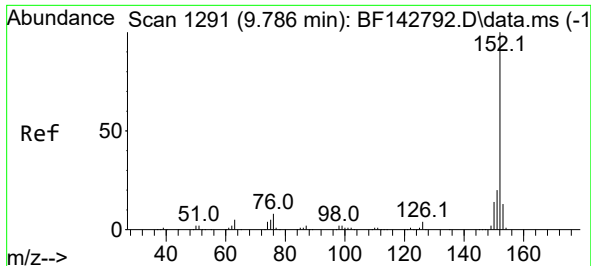
Ion Ratio Lower Upper

65 100

92 68.7 53.8 80.6

138 115.9 89.6 134.4





#49

Acenaphthylene

Concen: 42.749 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

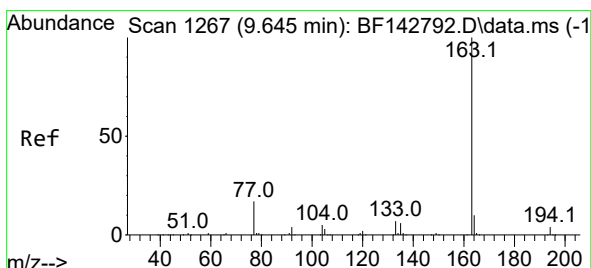
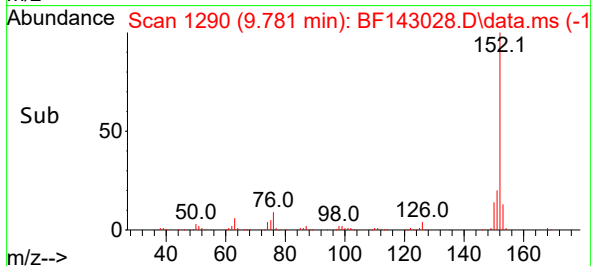
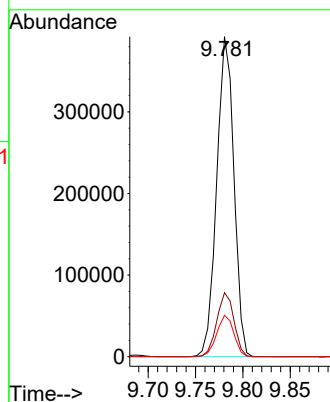
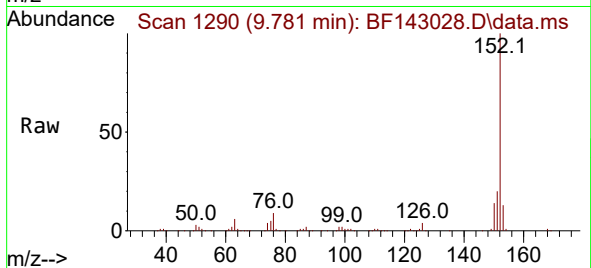
Tgt Ion:152 Resp: 495501

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 44.820 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

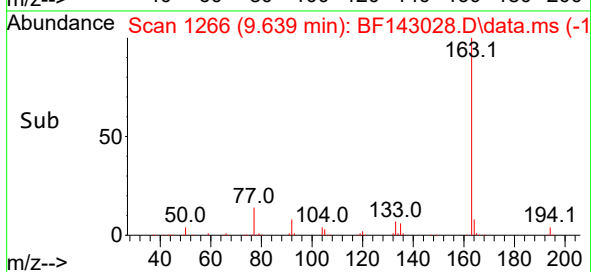
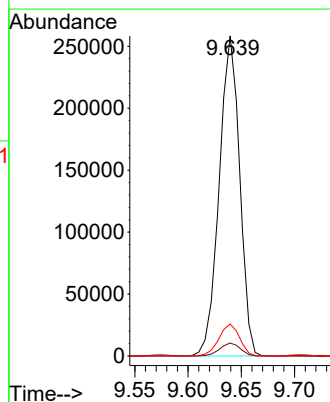
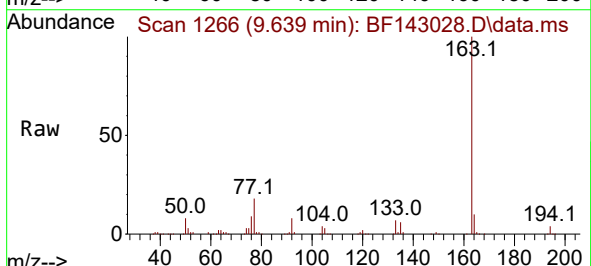
Tgt Ion:163 Resp: 344592

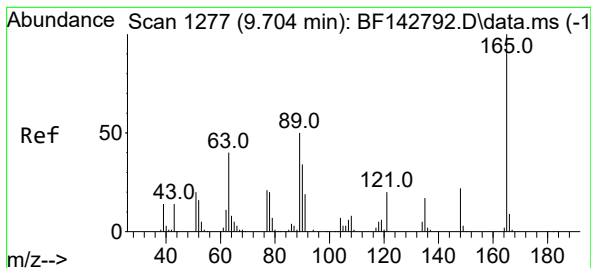
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.0 12.0

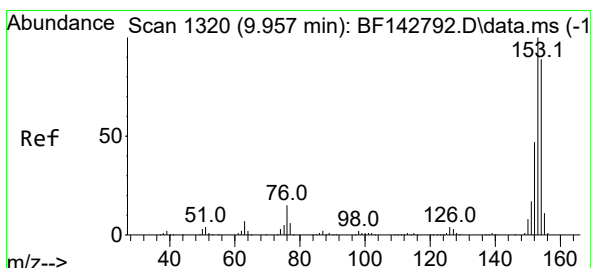
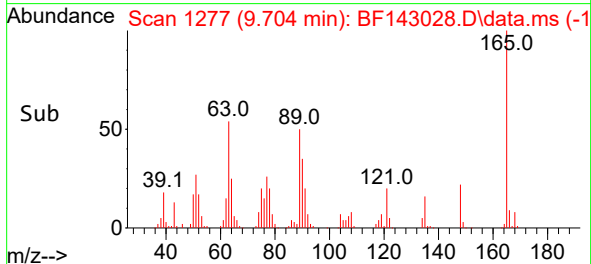
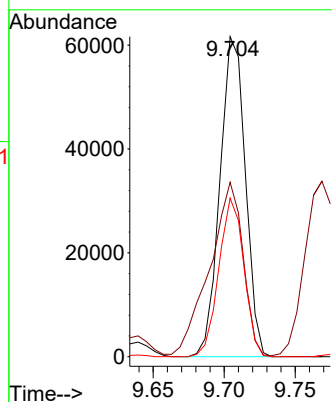
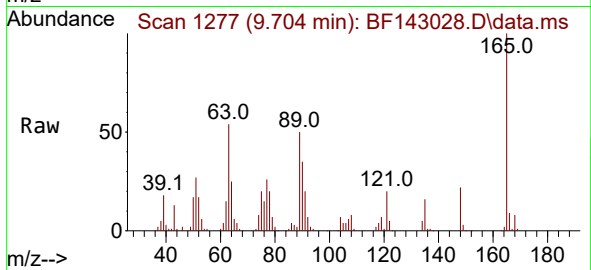




#51
2,6-Dinitrotoluene
Concen: 45.447 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

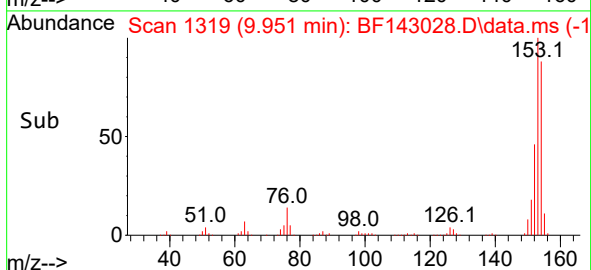
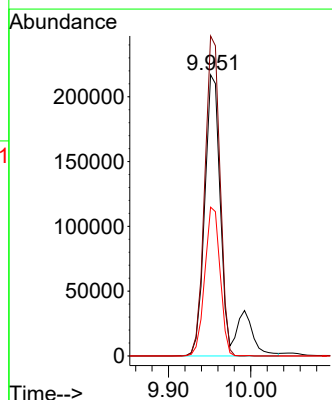
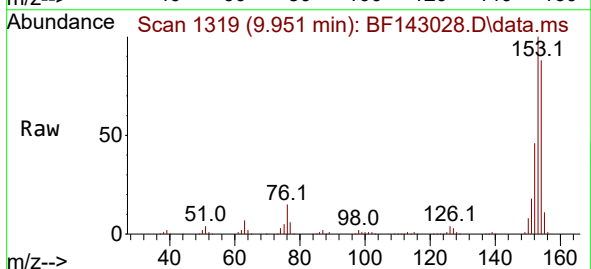
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

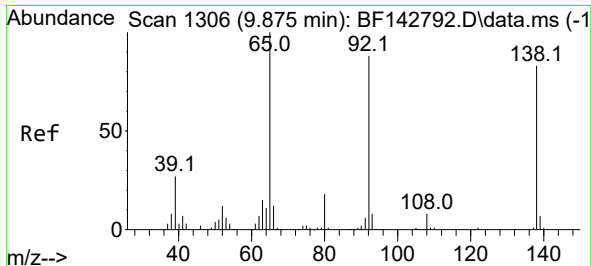
Tgt Ion:165 Resp: 76735
Ion Ratio Lower Upper
165 100
63 54.5 44.2 66.4
89 49.6 39.8 59.8



#52
Acenaphthene
Concen: 46.586 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:154 Resp: 329456
Ion Ratio Lower Upper
154 100
153 113.8 90.0 135.0
152 52.9 41.9 62.9

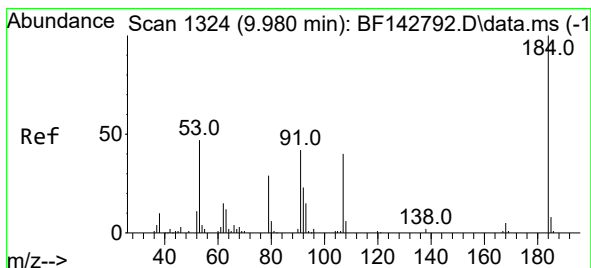
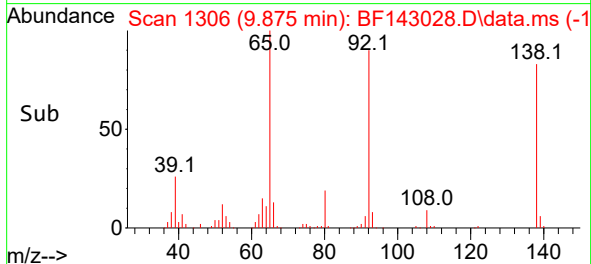
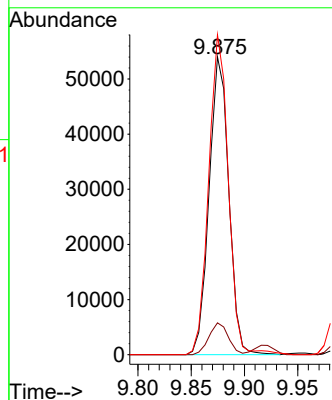
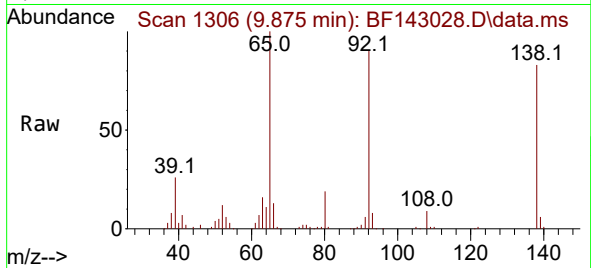




#53
3-Nitroaniline
Concen: 37.419 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

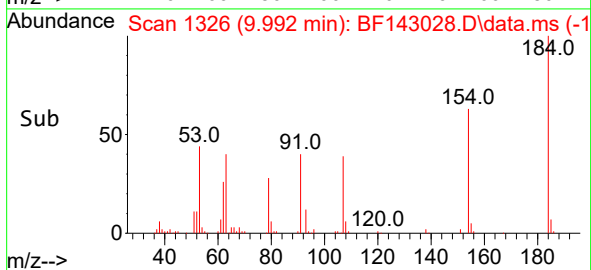
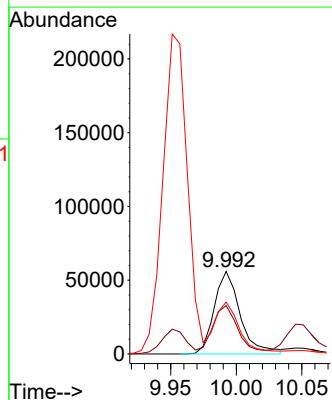
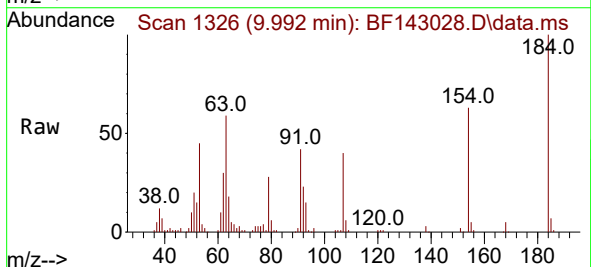
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

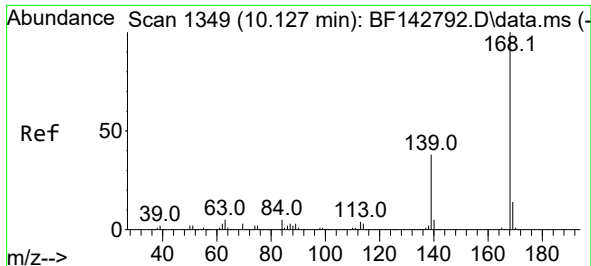
Tgt Ion:138 Resp: 69562
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 107.5 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 91.438 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:184 Resp: 77305
Ion Ratio Lower Upper
184 100
63 58.5 50.6 75.8
154 62.8 51.8 77.8

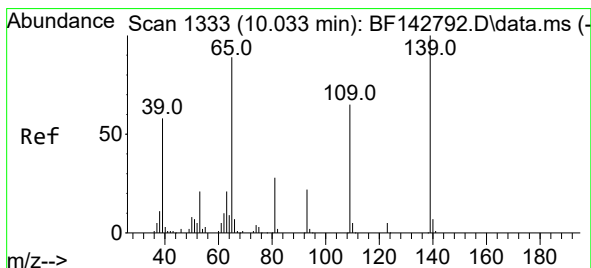
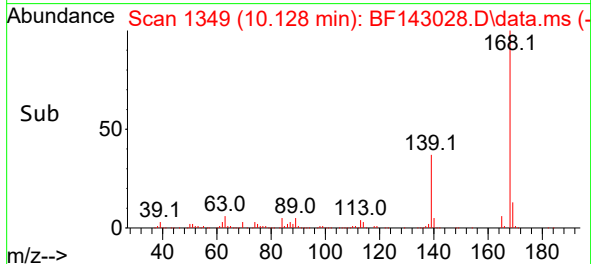
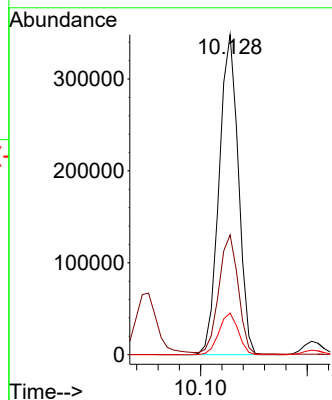
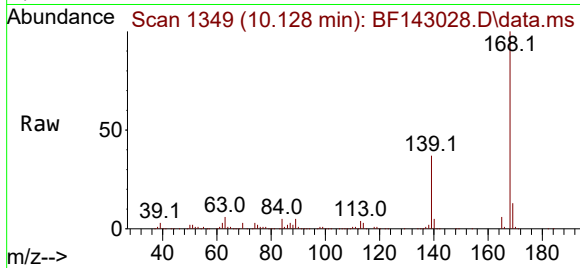




#55
Dibenzofuran
Concen: 42.893 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

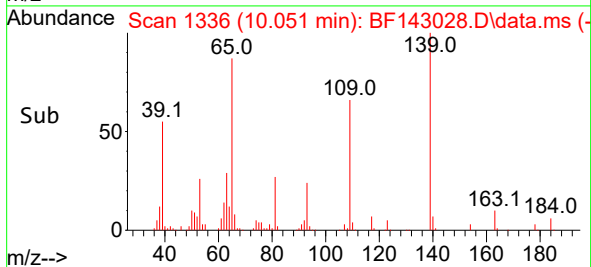
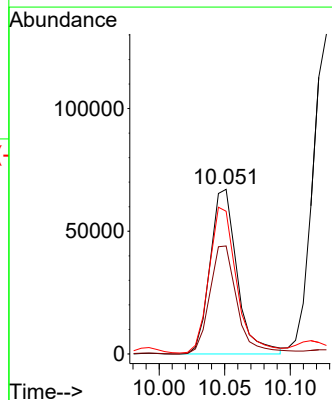
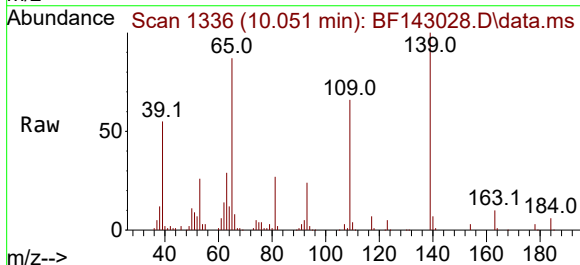
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

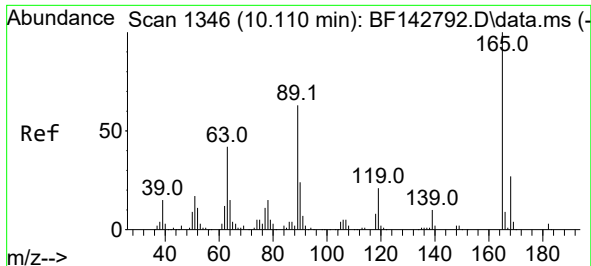
Tgt Ion:168 Resp: 434973
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.4
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 75.840 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:139 Resp: 96519
Ion Ratio Lower Upper
139 100
109 65.6 44.7 84.7
65 86.7 69.8 109.8

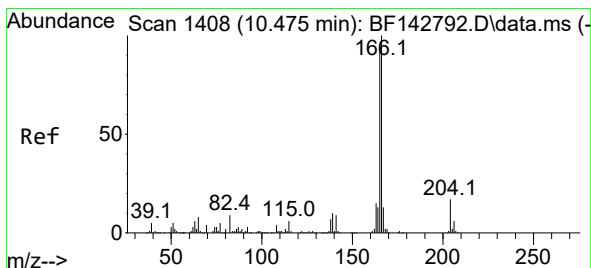
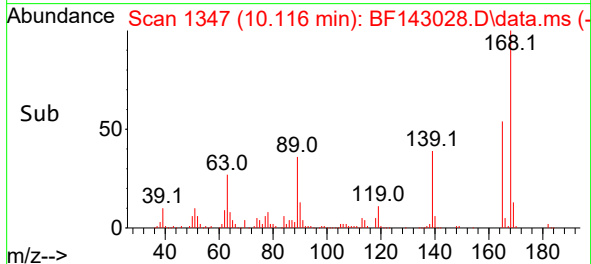
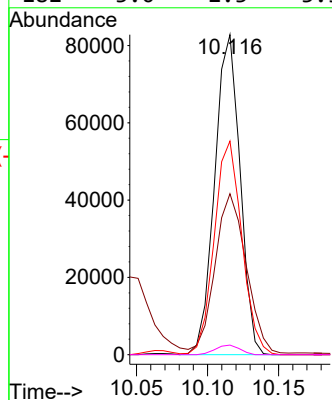
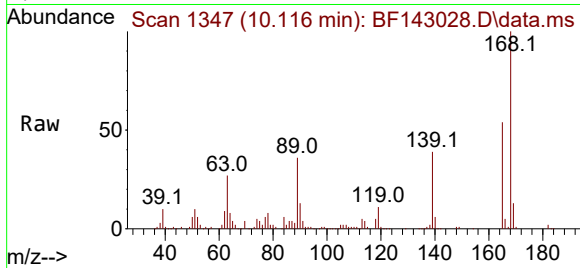




#57
2,4-Dinitrotoluene
Concen: 45.762 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

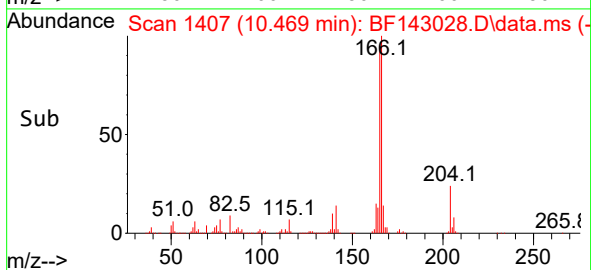
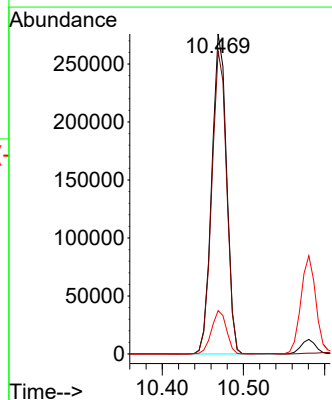
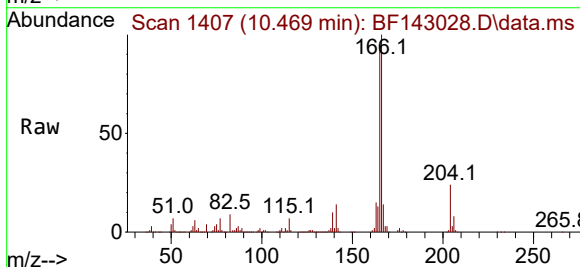
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

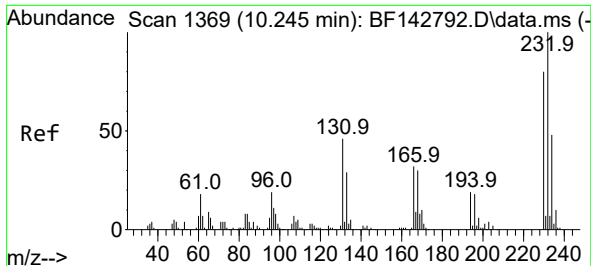
Tgt Ion:165 Resp: 102633
Ion Ratio Lower Upper
165 100
63 50.3 33.9 50.9
89 66.7 50.6 75.8
182 3.0 2.3 3.5



#58
Fluorene
Concen: 44.062 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:166 Resp: 348969
Ion Ratio Lower Upper
166 100
165 94.6 75.2 112.8
167 13.5 10.6 15.8

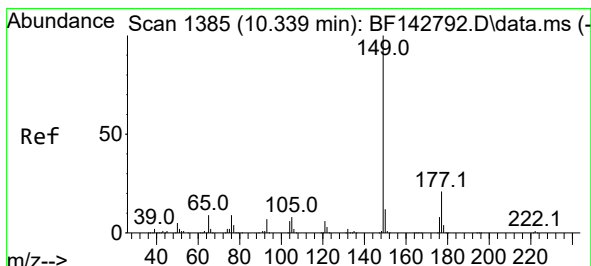
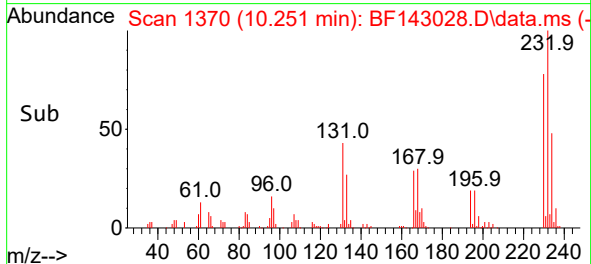
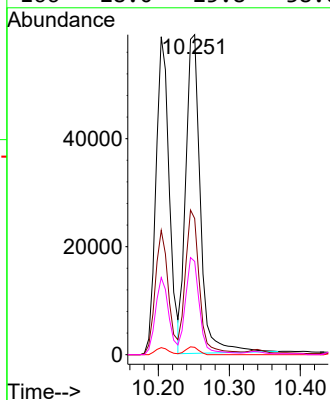
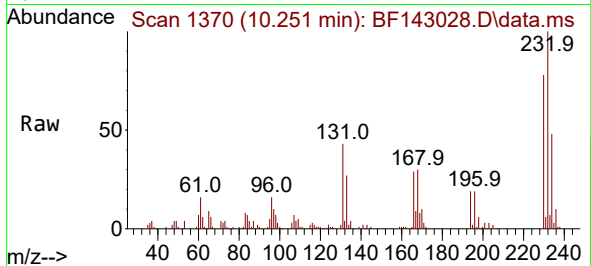




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.258 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

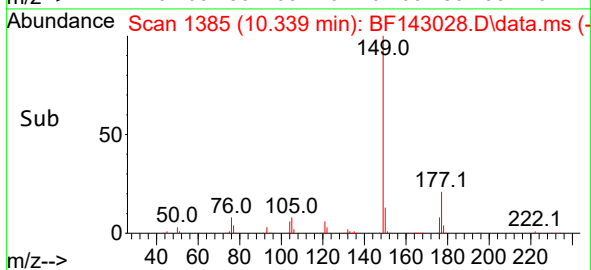
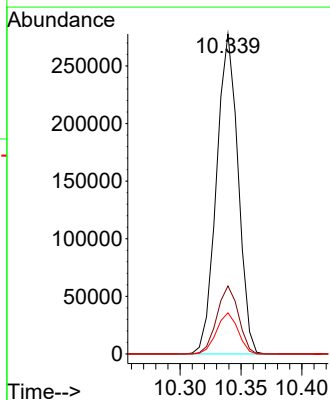
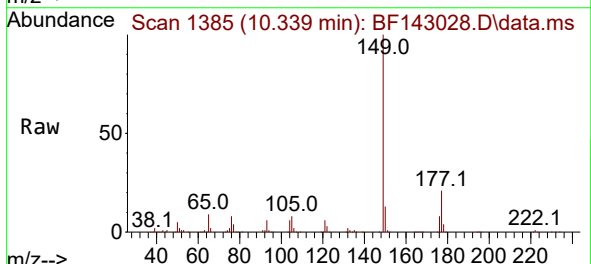
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

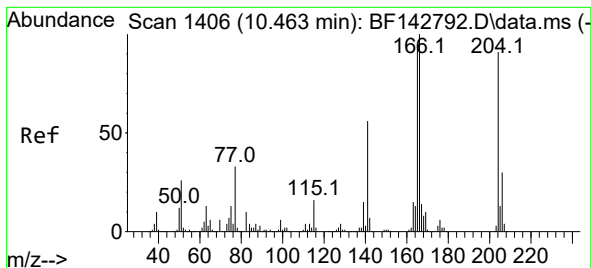
Tgt Ion:232 Resp: 83826
Ion Ratio Lower Upper
232 100
131 43.2 37.6 56.4
130 2.2 1.7 2.5
166 28.0 25.8 38.6



#60
Diethylphthalate
Concen: 45.468 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:149 Resp: 342754
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.8 9.8 14.6

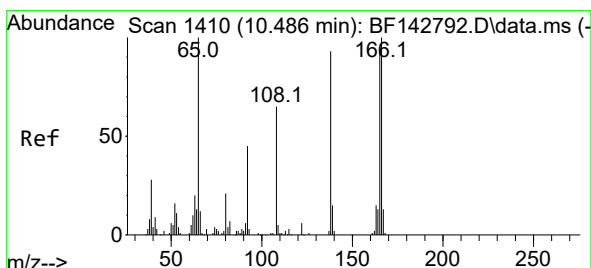
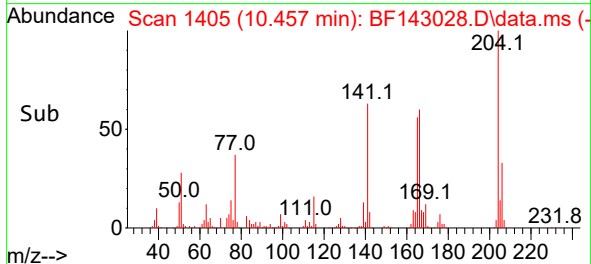
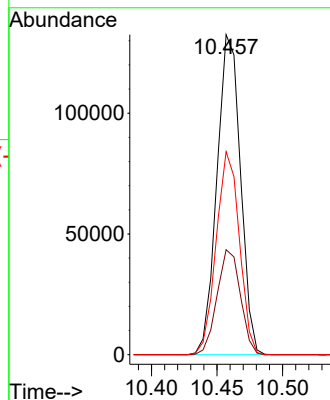
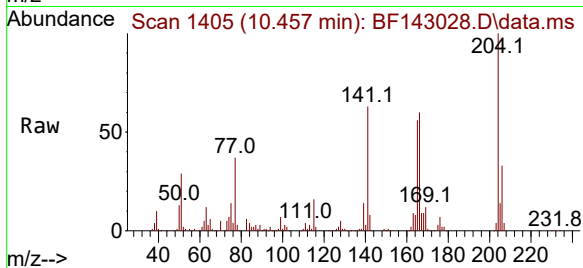




#61
4-Chlorophenyl-phenylether
Concen: 43.705 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

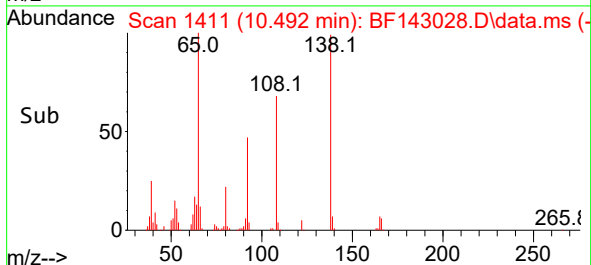
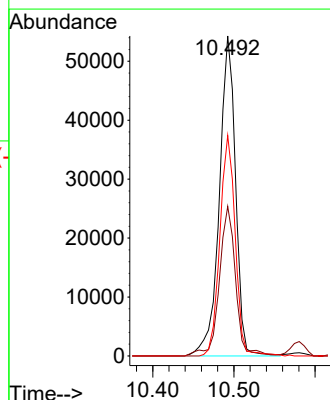
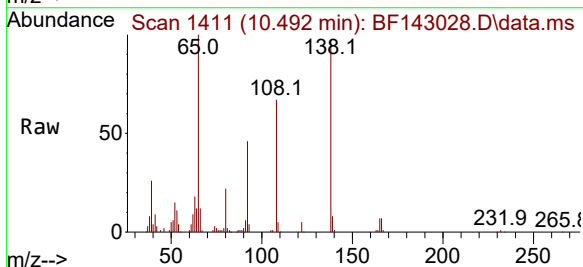
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

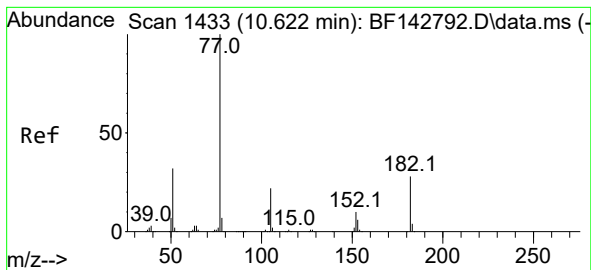
Tgt Ion:204 Resp: 165173
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 63.5 49.1 73.7



#62
4-Nitroaniline
Concen: 44.528 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:138 Resp: 75705
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 68.9 50.2 90.2

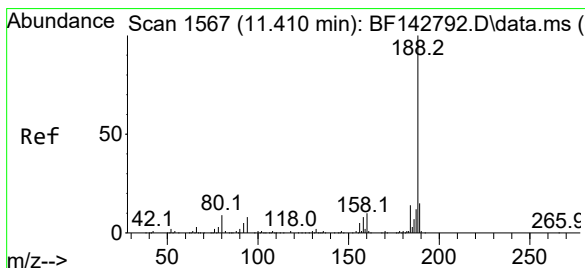
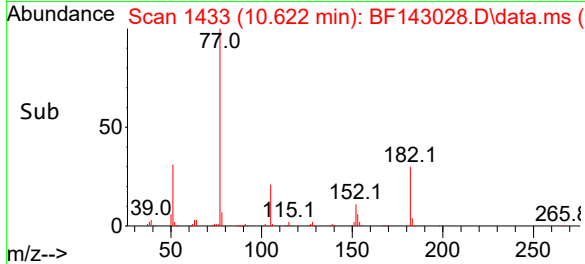
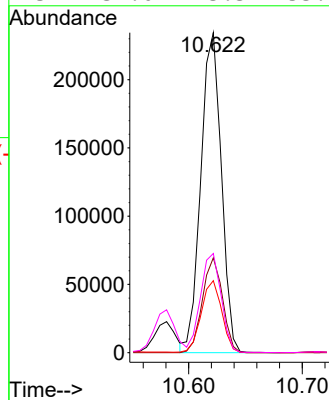
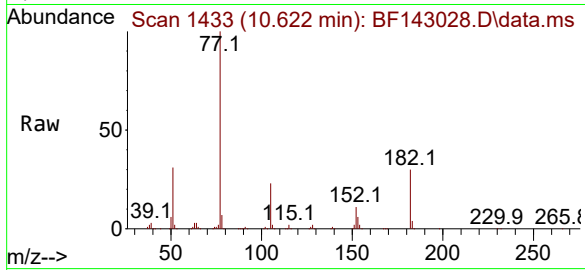




#63
Azobenzene
Concen: 43.529 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

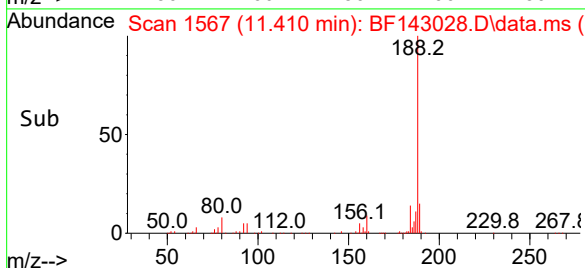
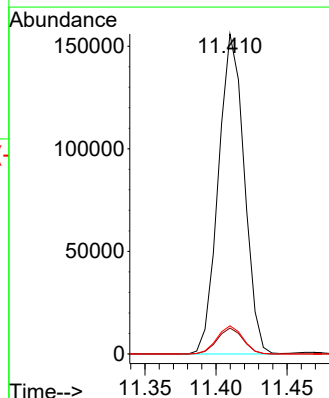
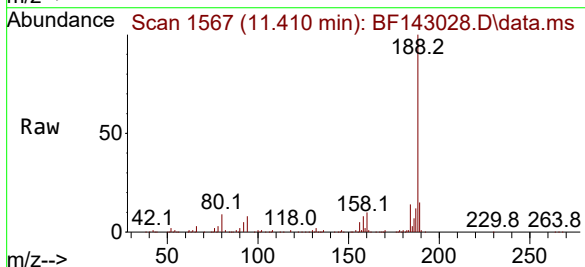
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

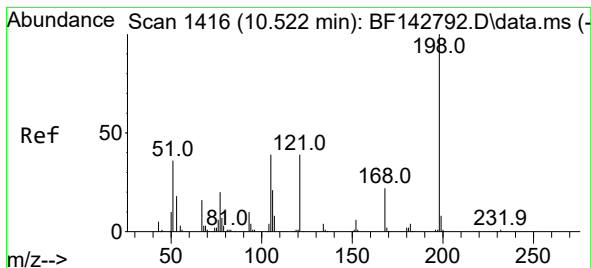
Tgt Ion: 77	Resp: 293275
Ion Ratio	Lower Upper
77 100	
182 29.7	7.7 47.7
105 22.5	1.9 41.9
51 31.0	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt	Ion:188	Resp:	197115
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.8	6.9	10.3

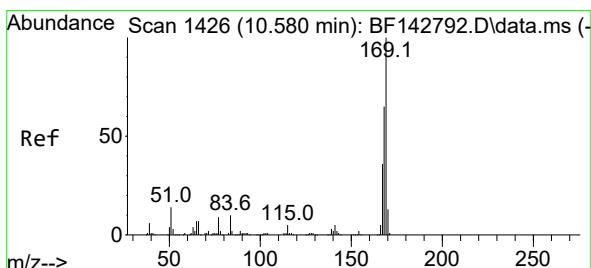
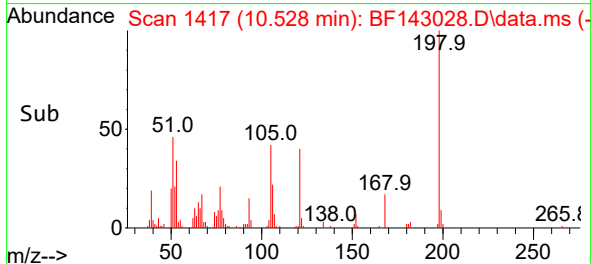
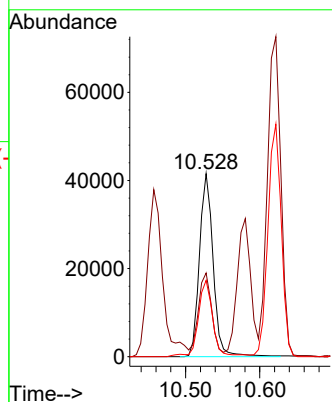
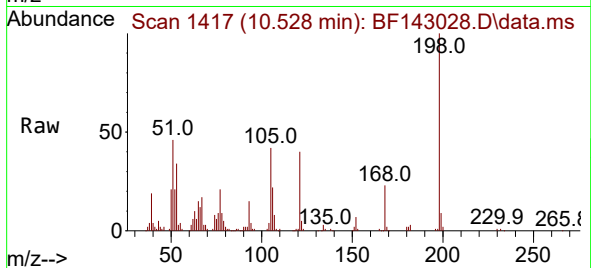




#65
4,6-Dinitro-2-methylphenol
Concen: 44.800 ng
RT: 10.528 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

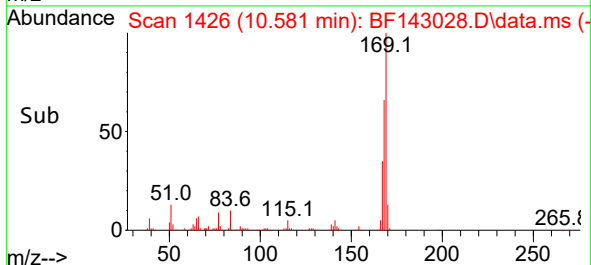
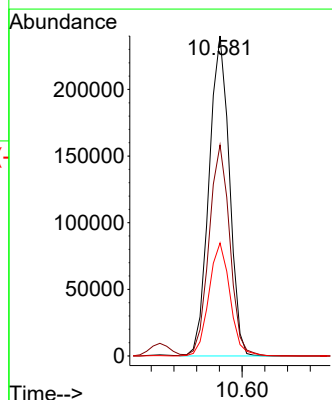
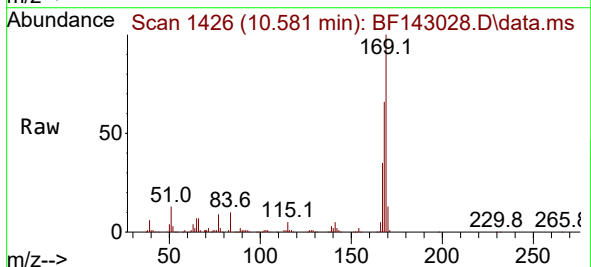
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

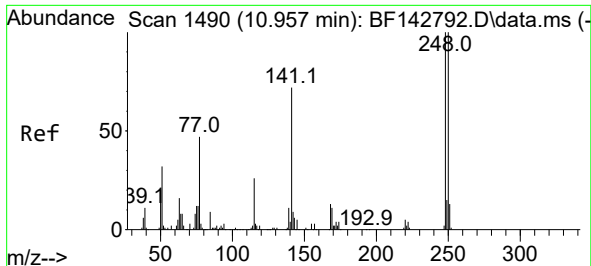
Tgt Ion:198 Resp: 53414
Ion Ratio Lower Upper
198 100
51 45.8 25.4 65.4
105 41.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.662 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:169 Resp: 298278
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.3 28.5 42.7

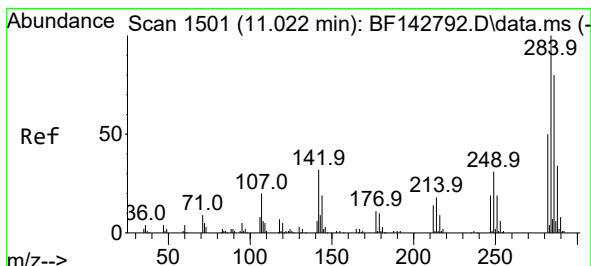
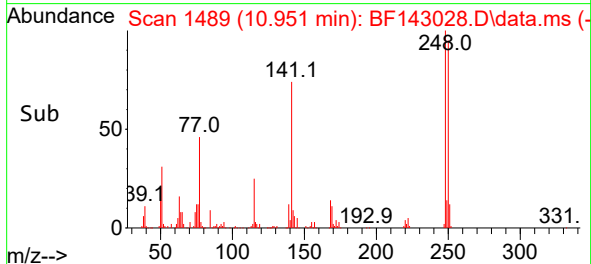
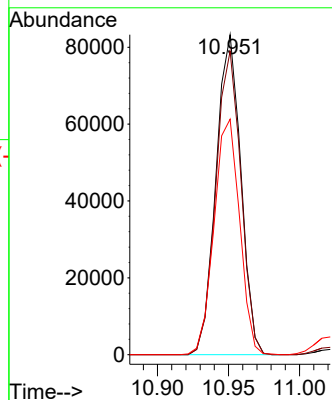
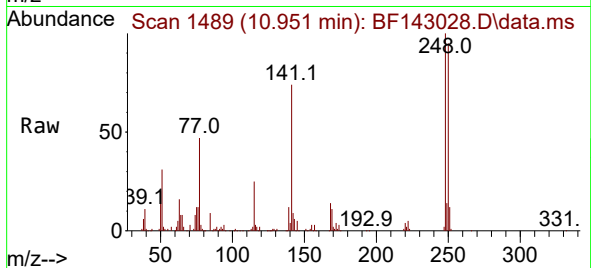




#67
4-Bromophenyl-phenylether
Concen: 45.153 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

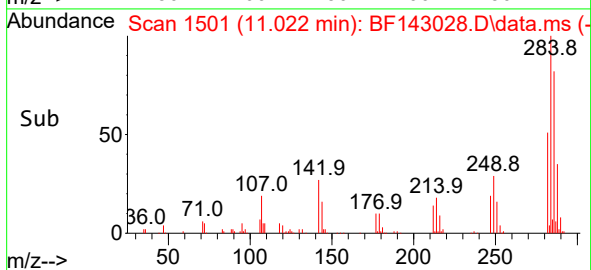
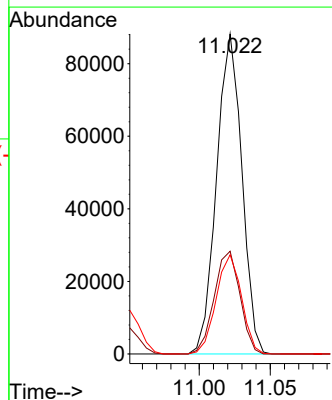
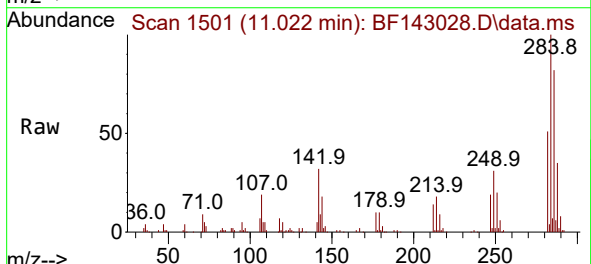
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

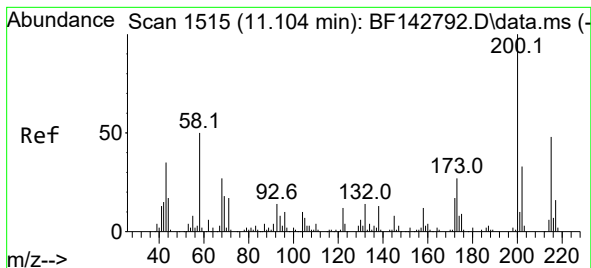
Tgt Ion:248 Resp: 101294
Ion Ratio Lower Upper
248 100
250 94.9 79.8 119.8
141 73.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.756 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:284 Resp: 109072
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 31.0 24.9 37.3





#69

Atrazine

Concen: 48.410 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

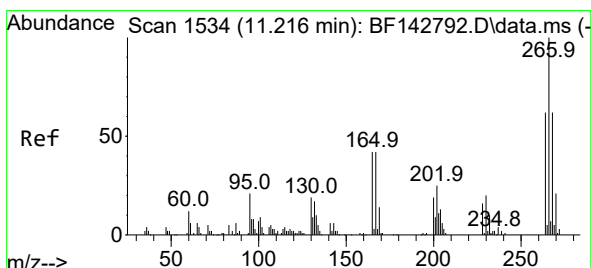
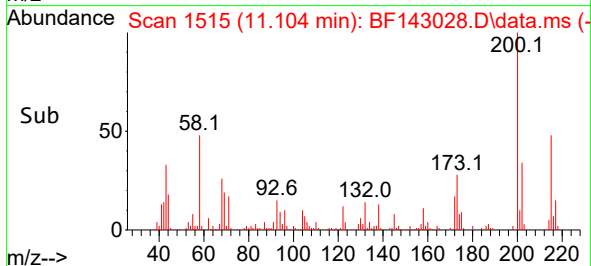
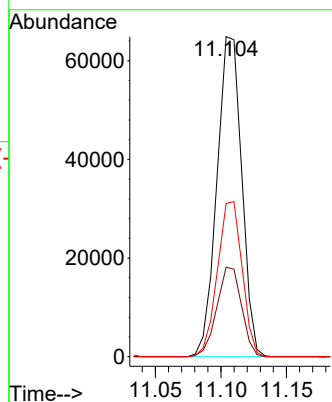
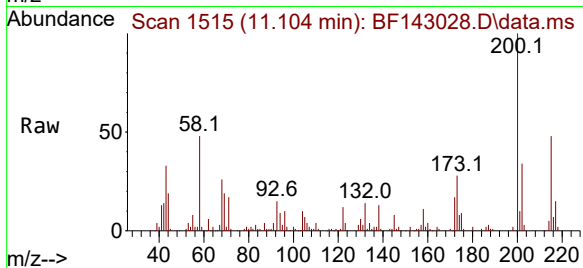
Tgt Ion:200 Resp: 85401

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 47.9 28.4 68.4



#70

Pentachlorophenol

Concen: 78.391 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

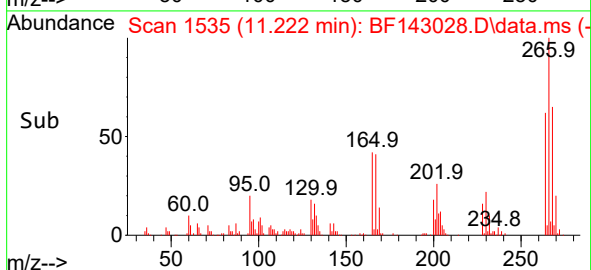
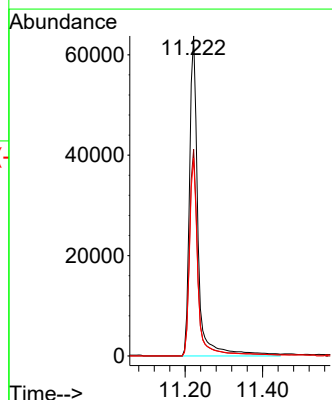
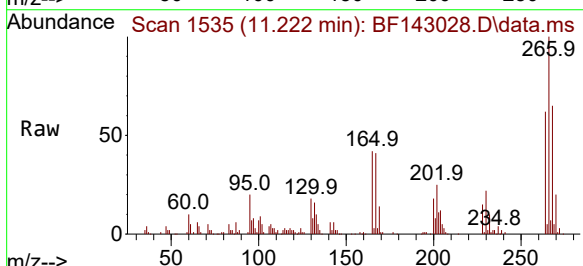
Tgt Ion:266 Resp: 97372

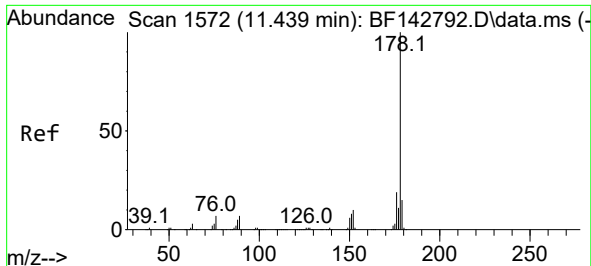
Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.8

264 61.8 49.9 74.9

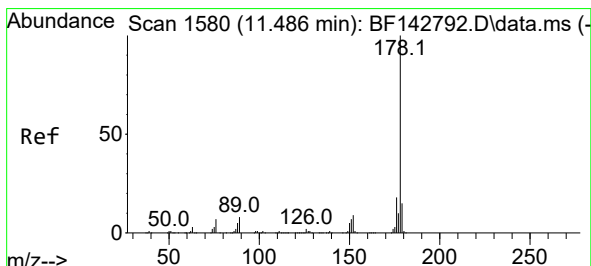
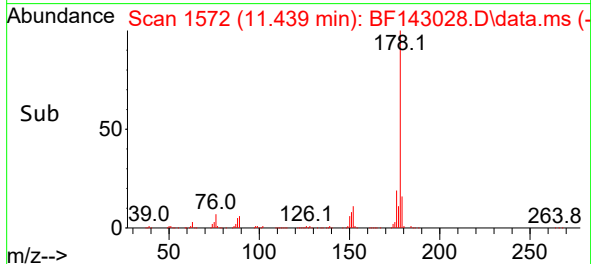
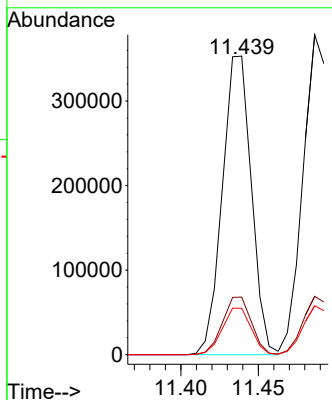
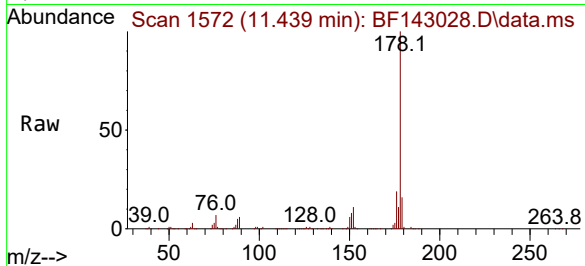




#71
Phenanthrene
Concen: 43.239 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

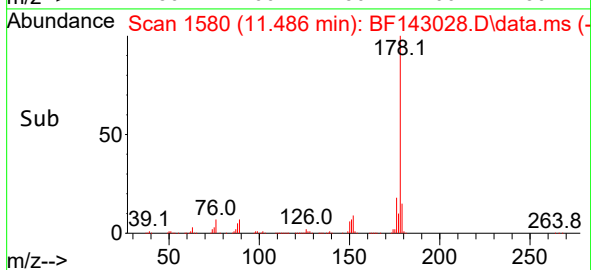
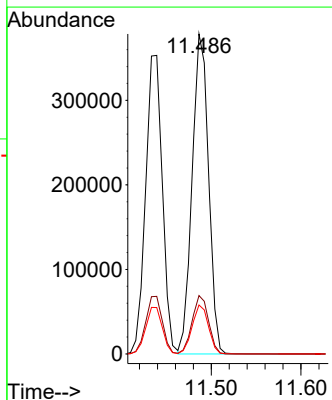
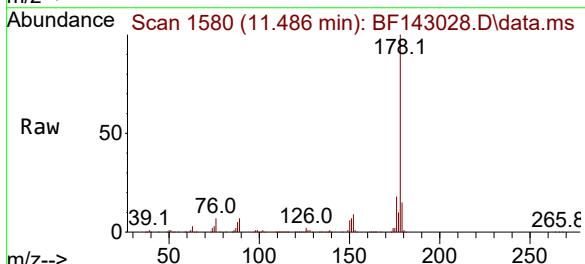
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

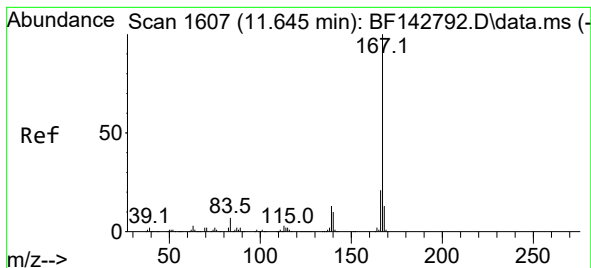
Tgt Ion:178 Resp: 461695
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.6 12.0 18.0



#72
Anthracene
Concen: 43.864 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:178 Resp: 480353
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.955 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

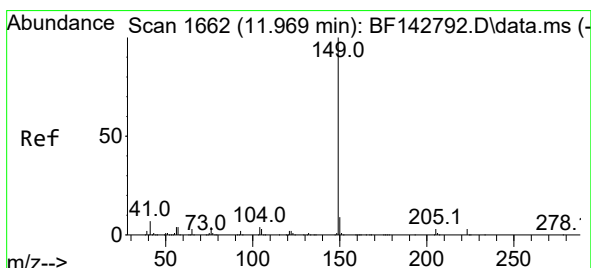
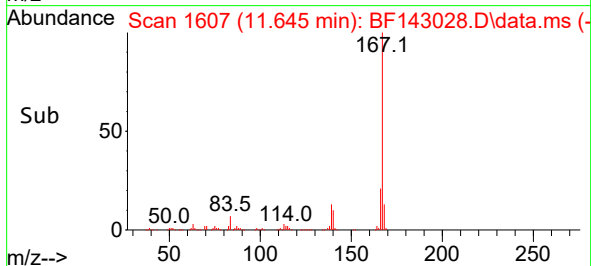
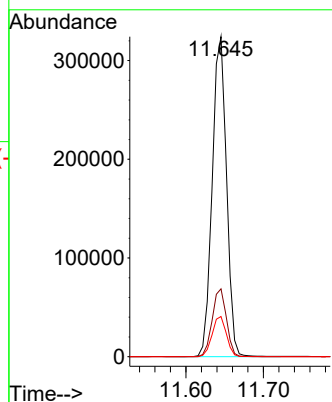
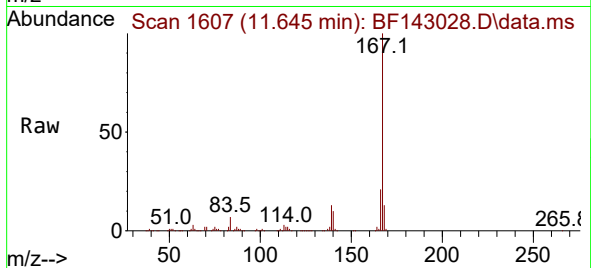
Tgt Ion:167 Resp: 415390

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 46.789 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

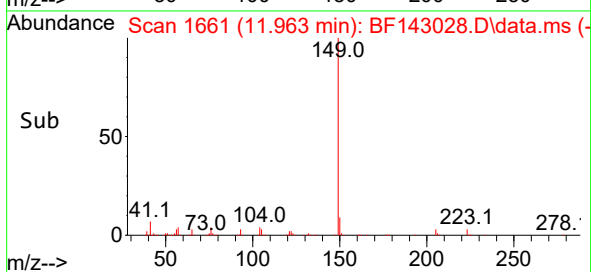
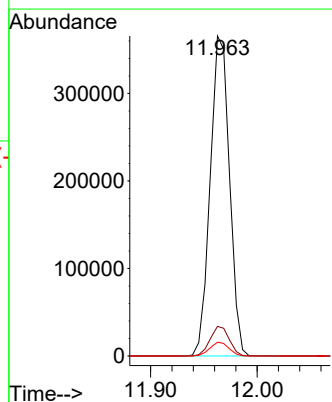
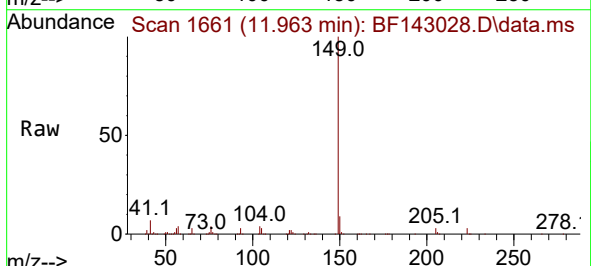
Tgt Ion:149 Resp: 460630

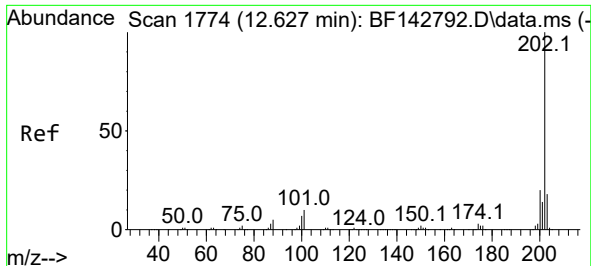
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.3 3.5 5.3

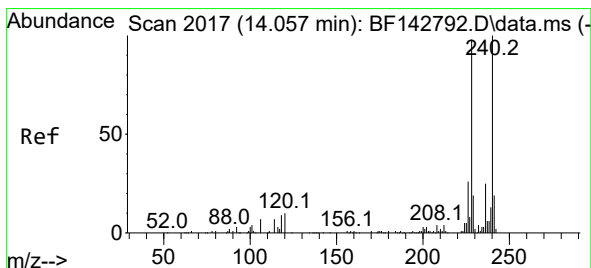
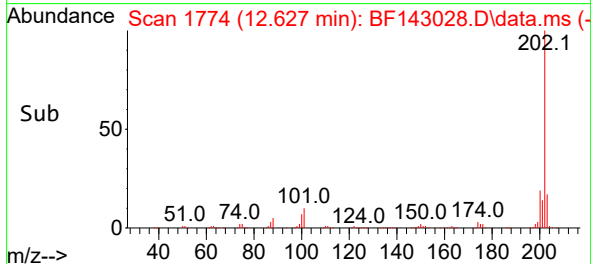
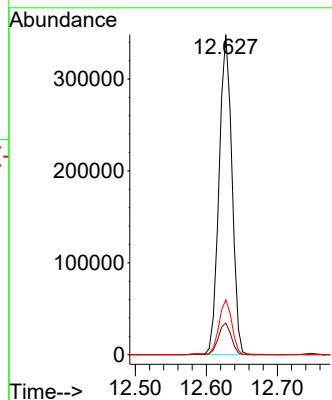
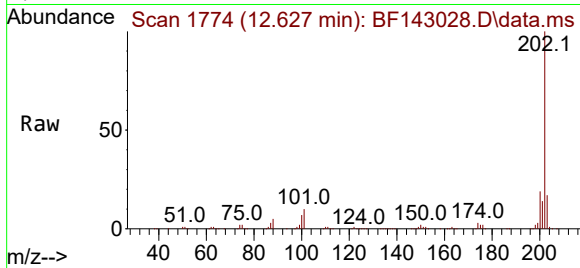




#75
Fluoranthene
Concen: 43.071 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

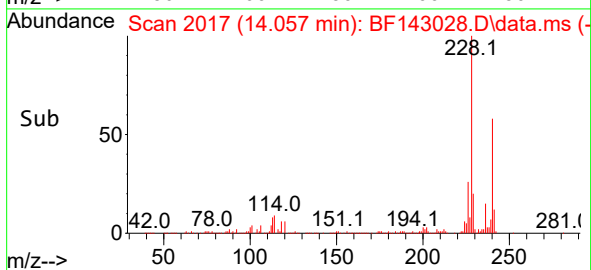
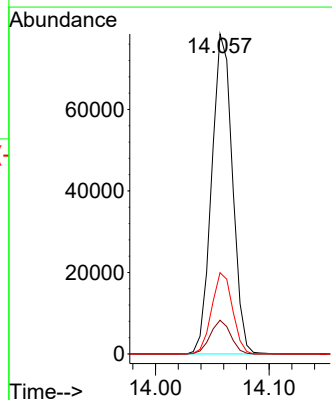
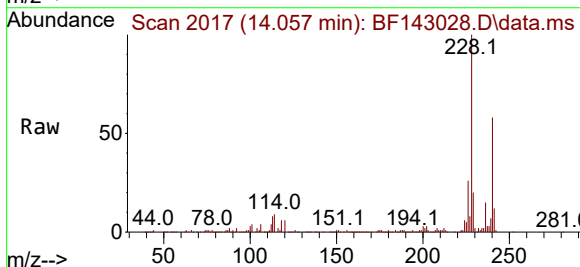
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

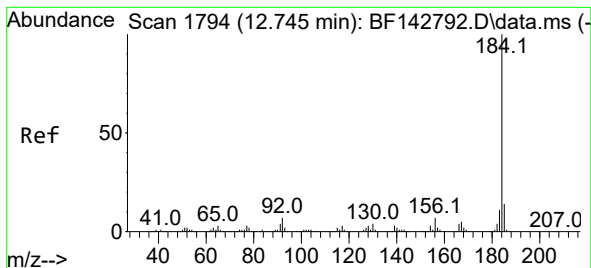
Tgt Ion:202 Resp: 436467
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:240 Resp: 99617
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 68.815 ng

RT: 12.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

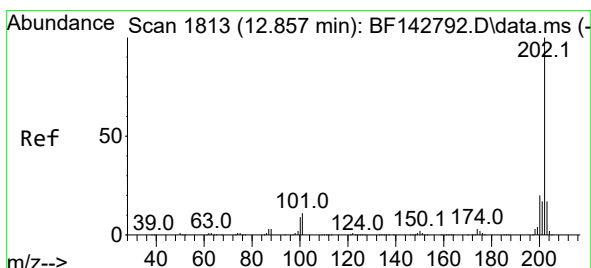
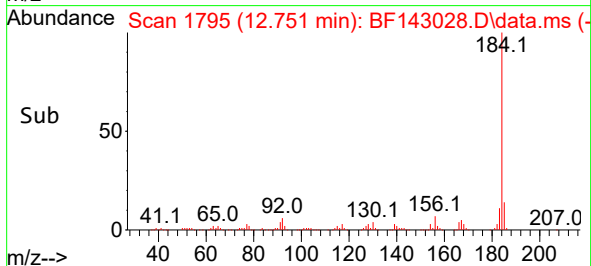
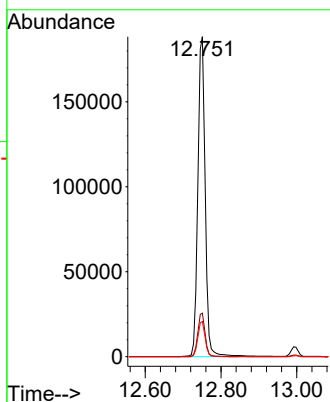
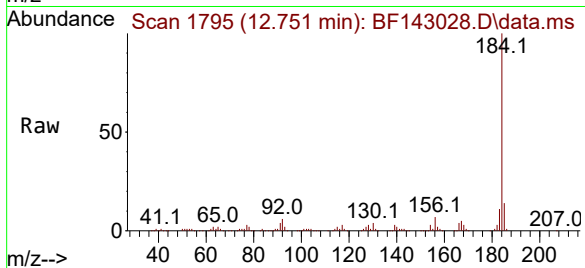
Tgt Ion:184 Resp: 257555

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 46.294 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

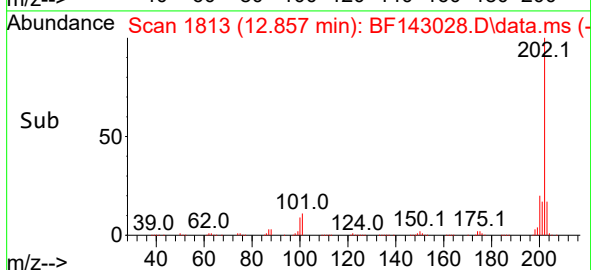
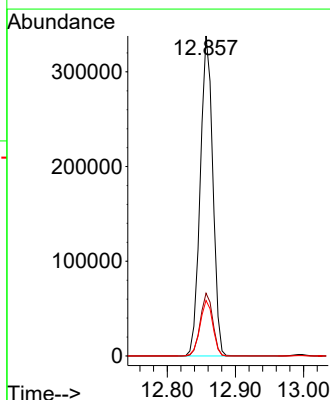
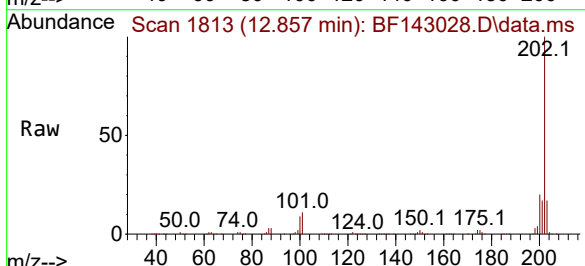
Tgt Ion:202 Resp: 432273

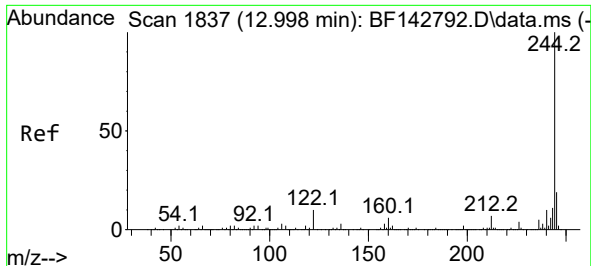
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.4 13.8 20.6

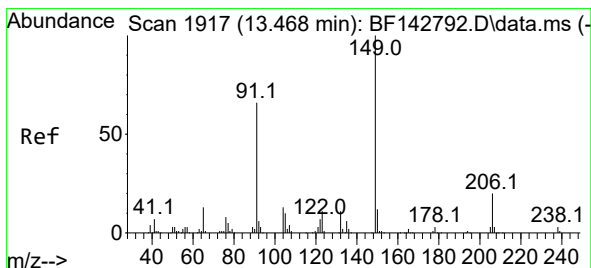
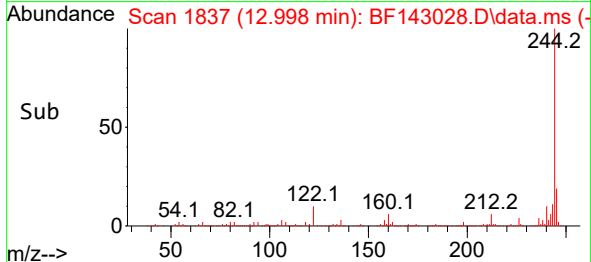
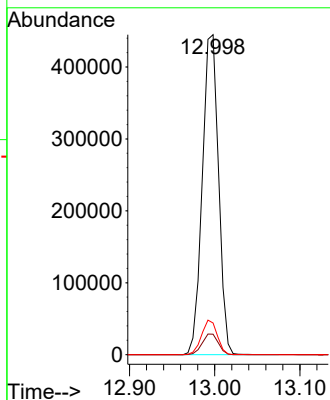
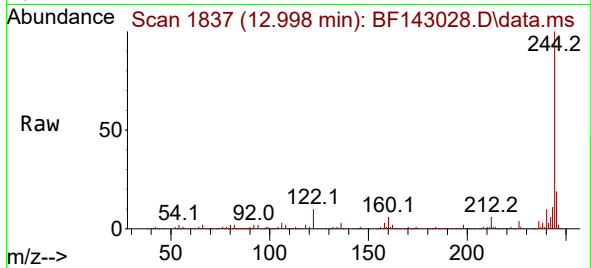




#79
 Terphenyl-d14
 Concen: 81.644 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

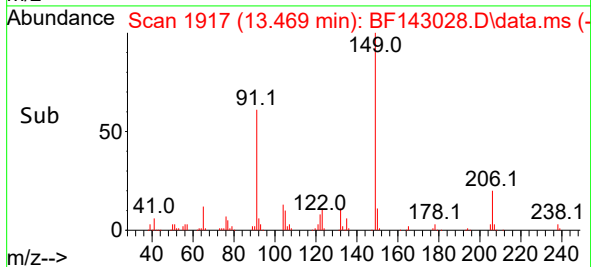
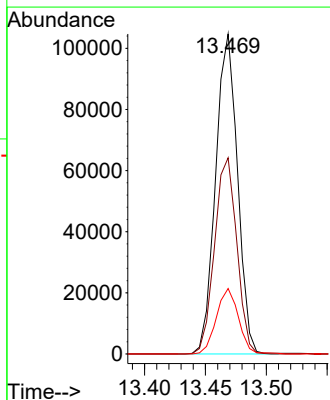
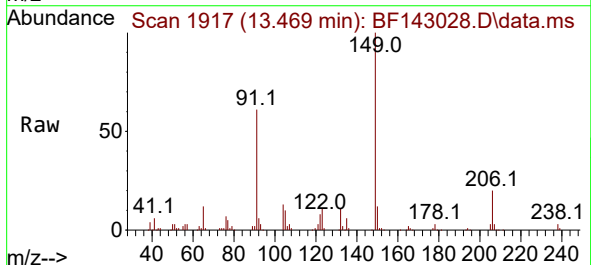
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BSD

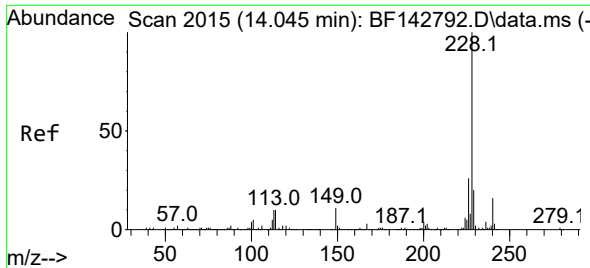
Tgt Ion:244 Resp: 588629
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.438 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143028.D
 Acq: 08 Jul 2025 12:25

Tgt Ion:149 Resp: 131197
 Ion Ratio Lower Upper
 149 100
 91 61.3 52.9 79.3
 206 20.4 16.3 24.5

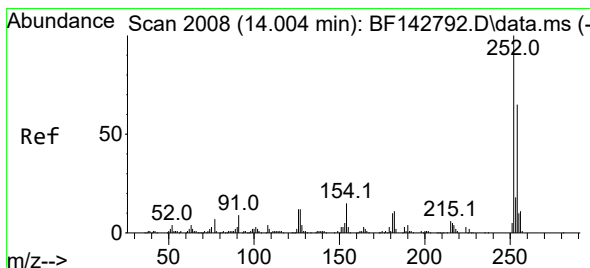
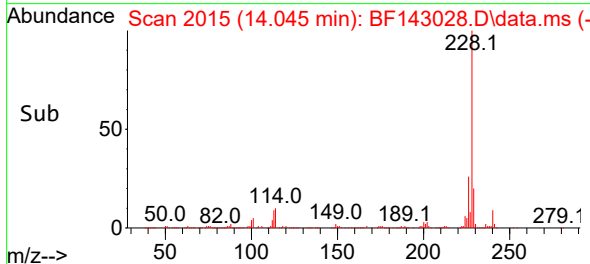
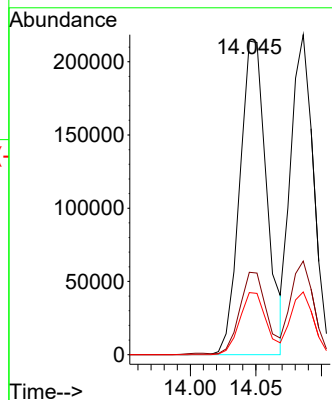
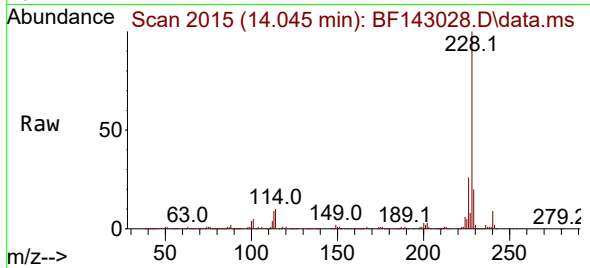




#81
Benzo(a)anthracene
Concen: 45.646 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

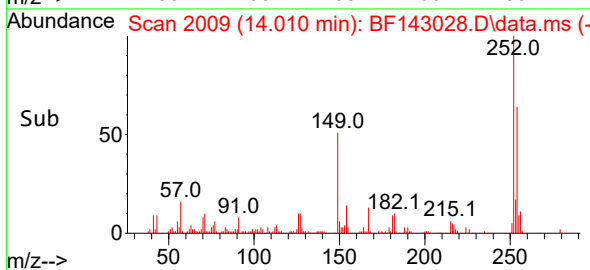
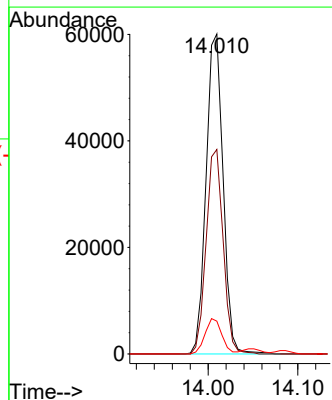
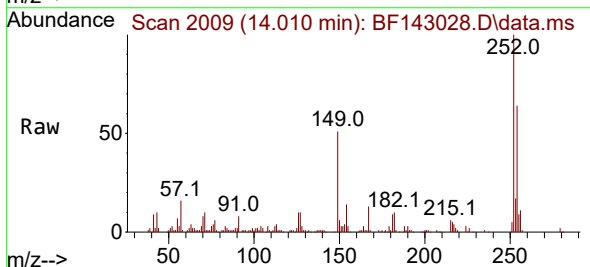
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

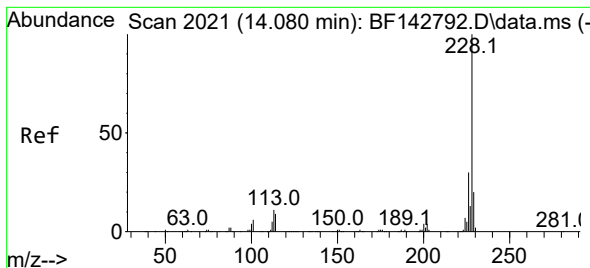
Tgt Ion:228 Resp: 306755
Ion Ratio Lower Upper
228 100
226 26.3 21.2 31.8
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 36.252 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:252 Resp: 79021
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 10.2 9.4 14.2





#83

Chrysene

Concen: 43.953 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

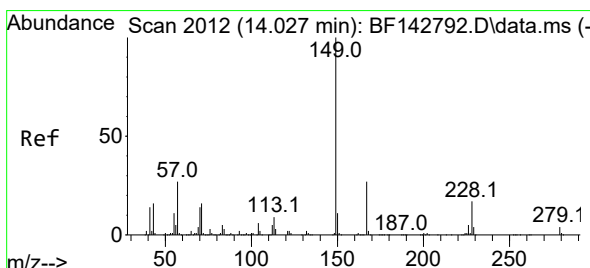
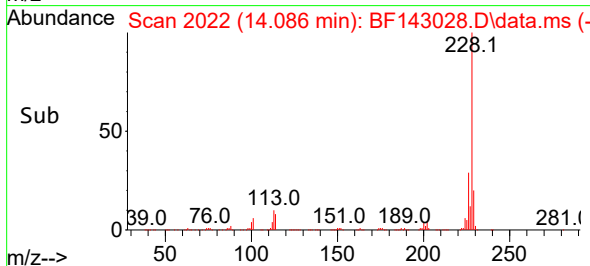
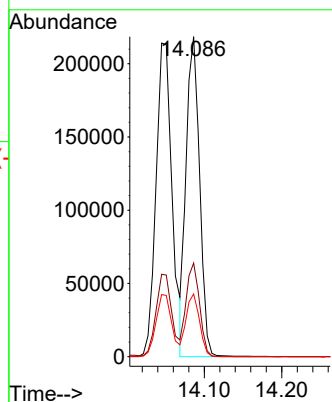
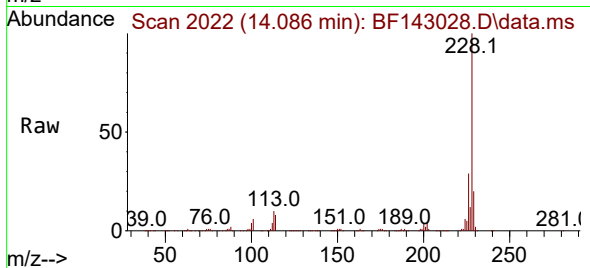
Tgt Ion:228 Resp: 263566

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.196 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

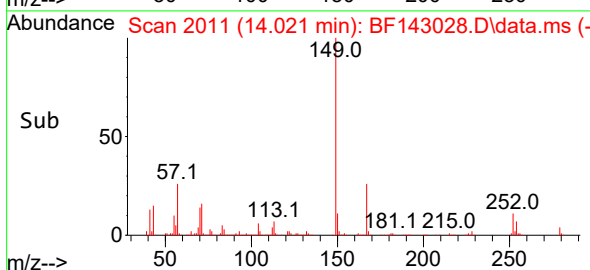
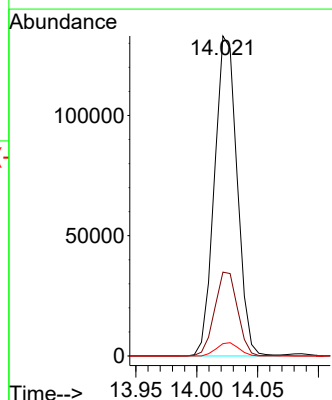
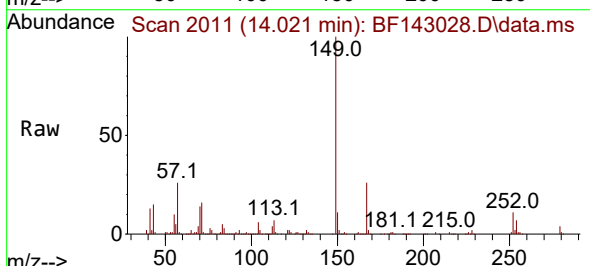
Tgt Ion:149 Resp: 172233

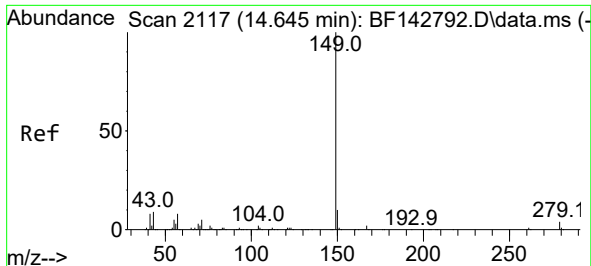
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 3.9 3.0 4.6

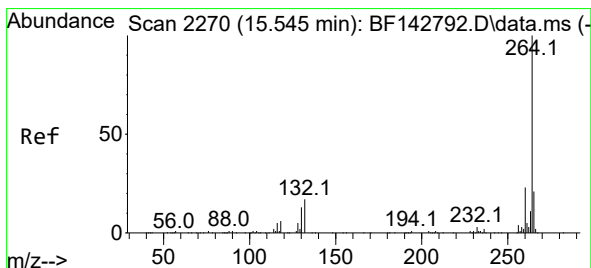
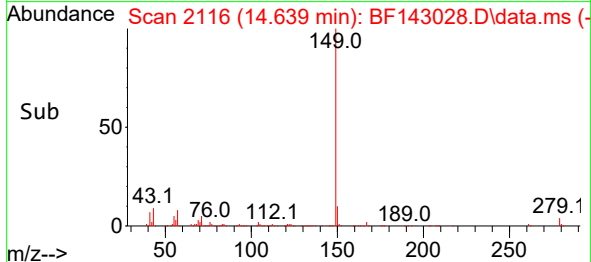
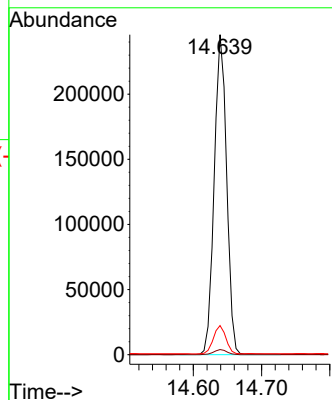
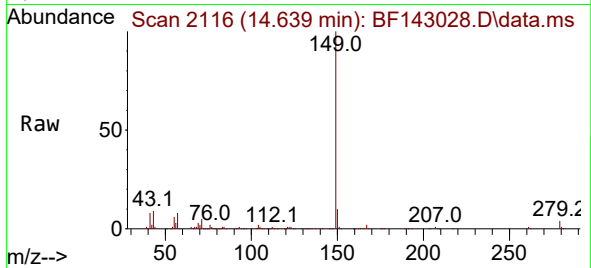




#85
Di-n-octyl phthalate
Concen: 42.469 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

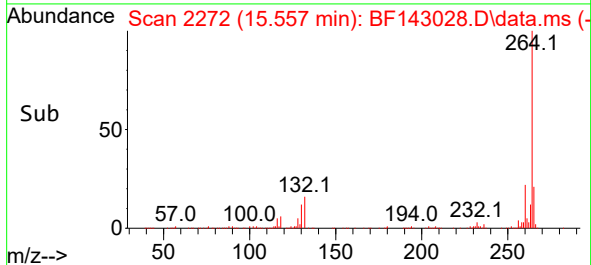
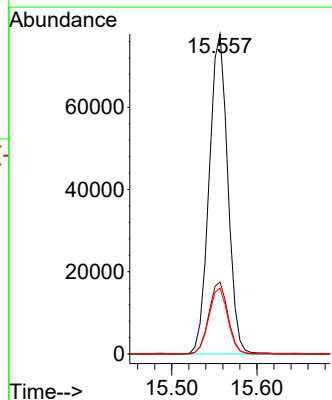
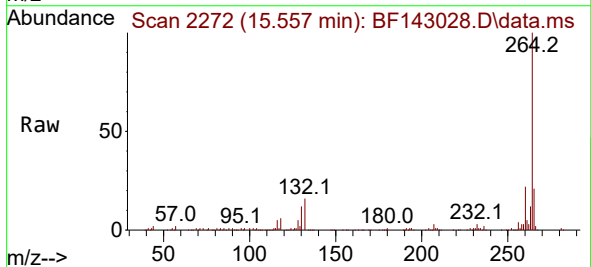
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

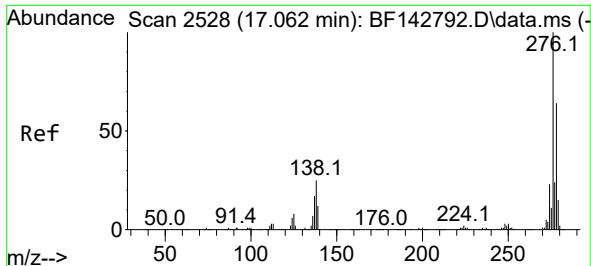
Tgt Ion:149 Resp: 312074
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:264 Resp: 118358
Ion Ratio Lower Upper
264 100
260 22.5 18.1 27.1
265 20.6 16.6 25.0

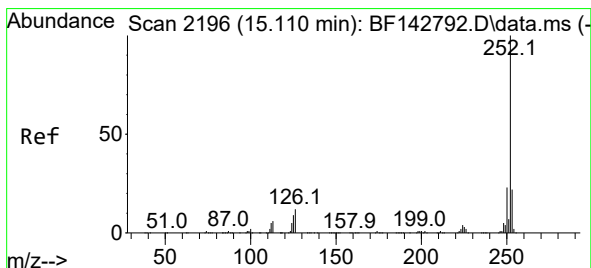
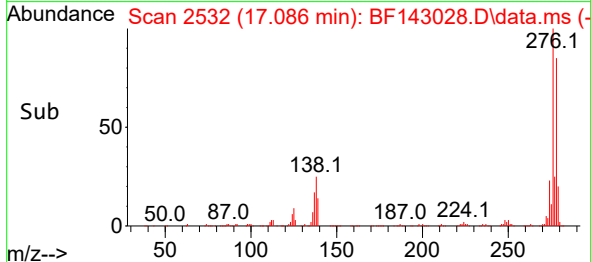
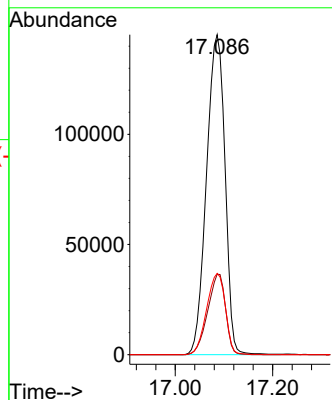
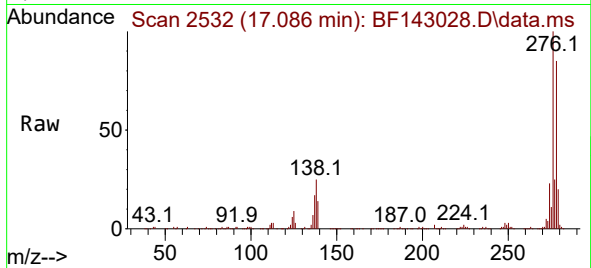




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.516 ng
RT: 17.086 min Scan# 2197
Delta R.T. 0.024 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

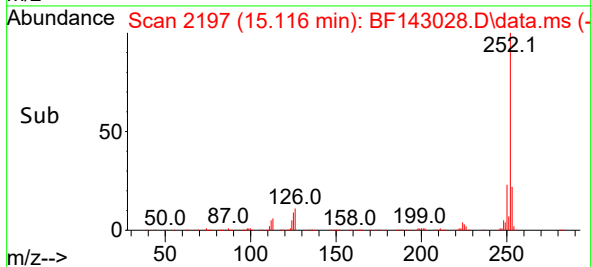
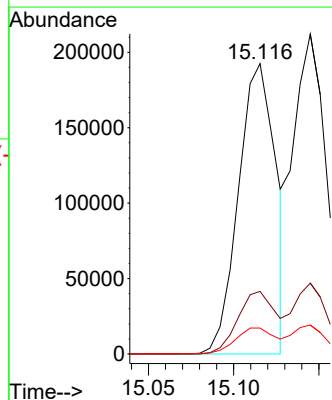
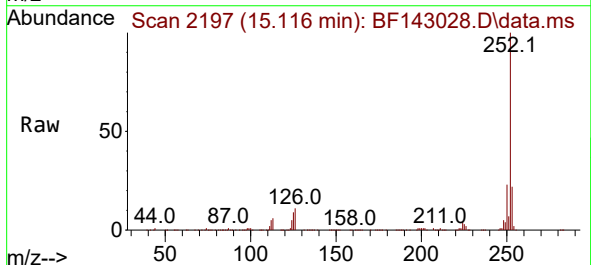
Instrument :
BNA_F
ClientSampleId :
PB168716BSD

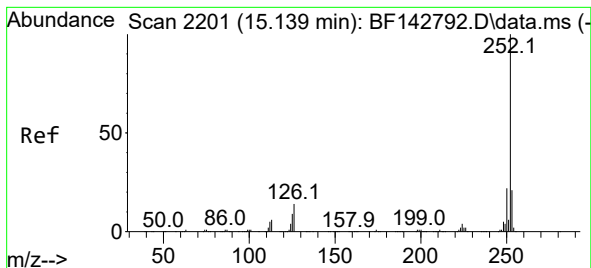
Tgt Ion:276 Resp: 383294
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.4
277 25.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 42.756 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:252 Resp: 292823
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.932 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

Instrument :

BNA_F

ClientSampleId :

PB168716BSD

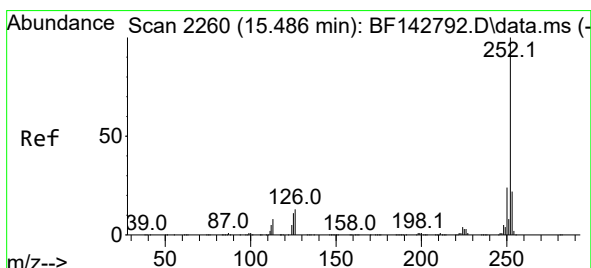
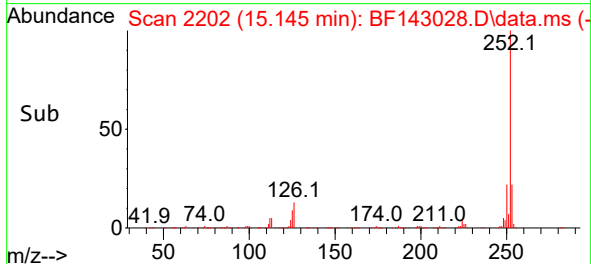
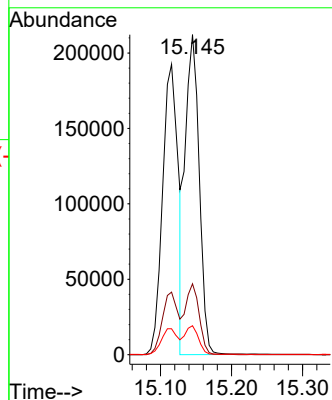
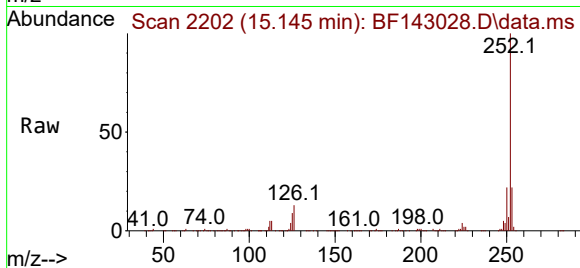
Tgt Ion:252 Resp: 287902

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.183 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143028.D

Acq: 08 Jul 2025 12:25

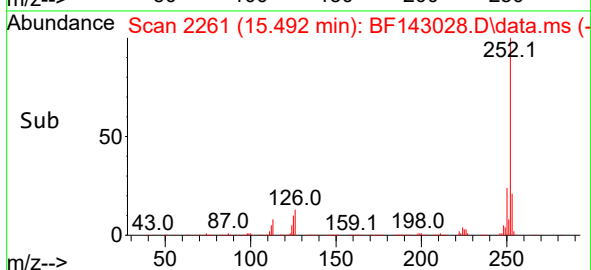
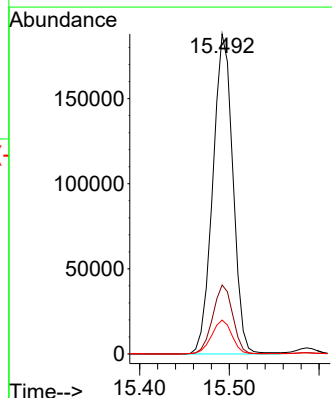
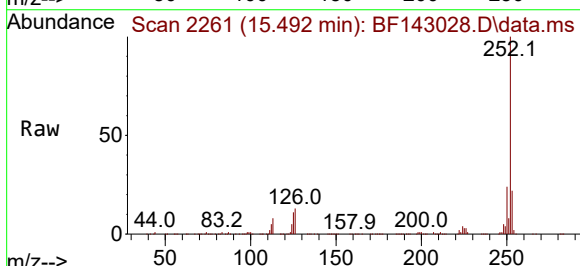
Tgt Ion:252 Resp: 292328

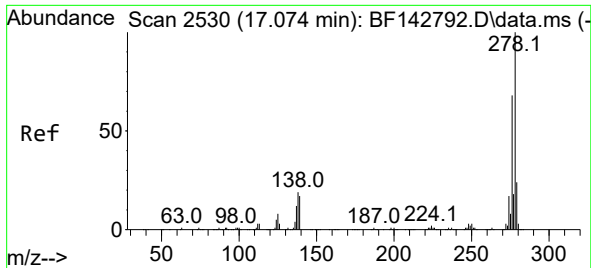
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.6 8.6 12.8

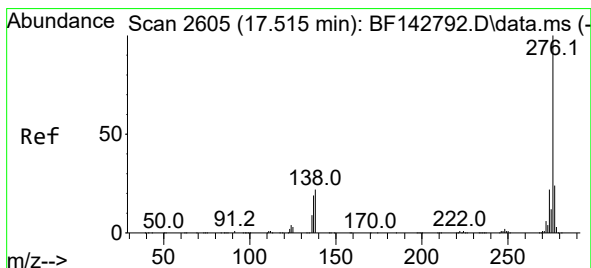
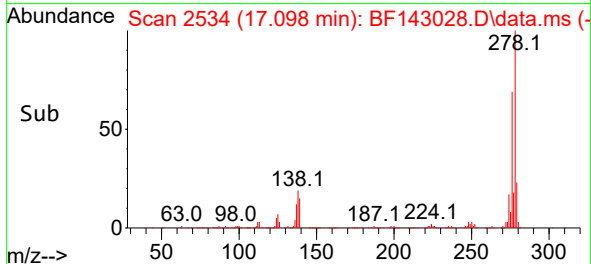
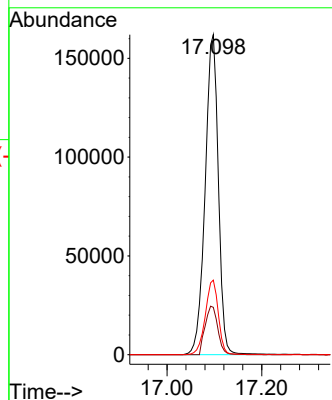
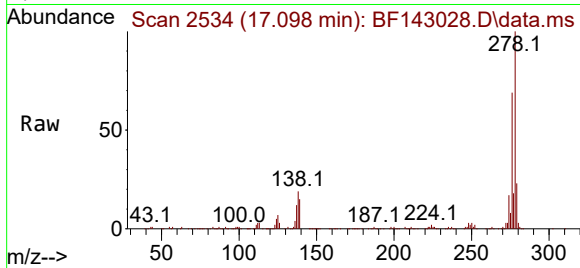




#91
Dibenzo(a,h)anthracene
Concen: 42.892 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Instrument :
BNA_F
ClientSampleId :
PB168716BSD

Tgt Ion:278 Resp: 314182
Ion Ratio Lower Upper
278 100
139 14.8 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.781 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.030 min
Lab File: BF143028.D
Acq: 08 Jul 2025 12:25

Tgt Ion:276 Resp: 312480
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.0 17.6 26.4

