

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143165.D
 Acq On : 18 Jul 2025 14:25
 Operator : RC/JU
 Sample : Q2585-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 18 15:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

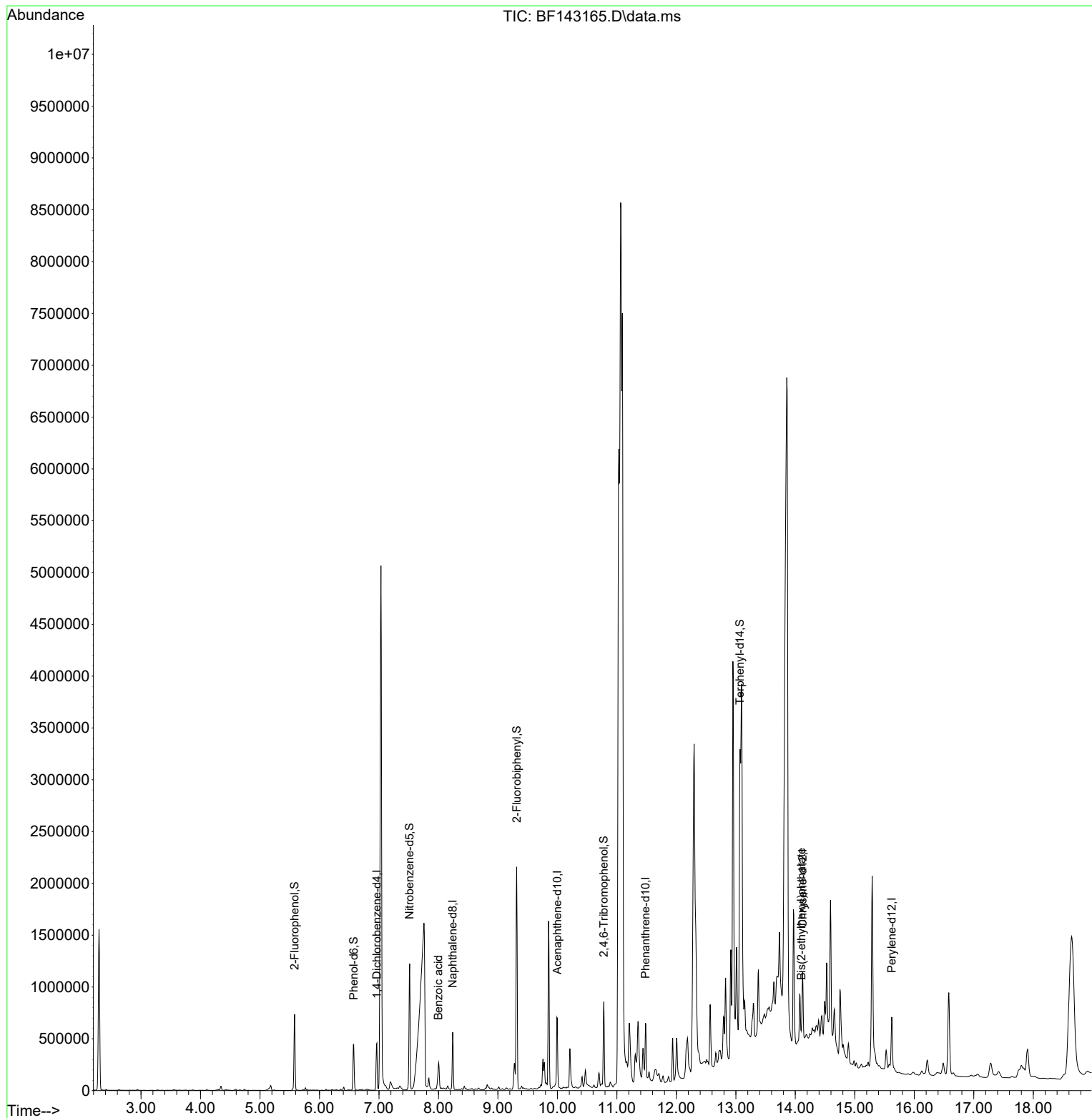
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91787	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	319077	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	149160	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	262674	20.000	ng	0.00
76) Chrysene-d12	14.121	240	270242	20.000	ng	0.00
86) Perylene-d12	15.621	264	282695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	244449	42.145	ng	0.00
7) Phenol-d6	6.575	99	191446	26.223	ng	-0.01
23) Nitrobenzene-d5	7.516	82	519099	81.095	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	133224	86.458	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	906419	83.108	ng	0.00
79) Terphenyl-d14	13.068	244	1049796	57.808	ng	0.00
Target Compounds						
32) Benzoic acid	7.998	122	55126	21.715	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	27871	2.607	ng	96

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

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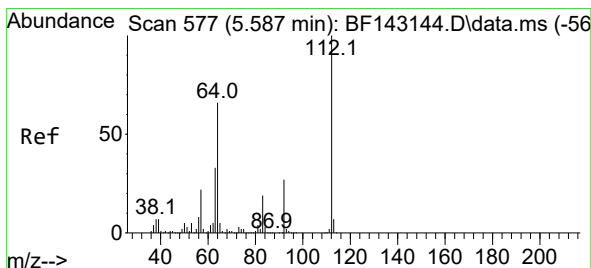
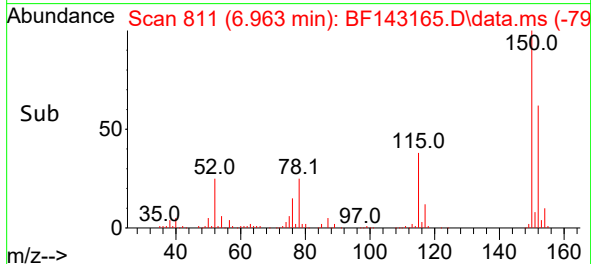
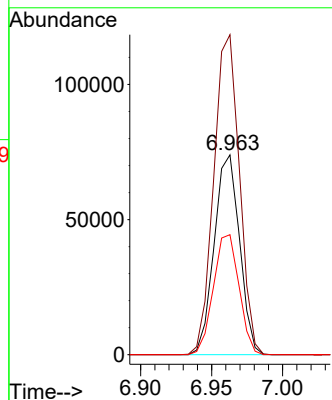
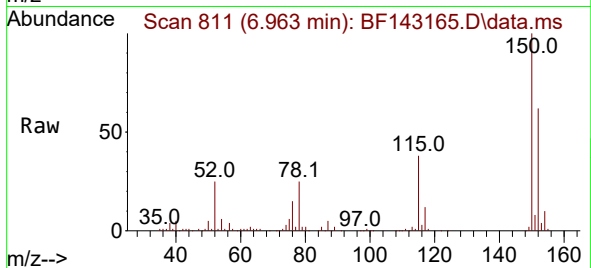




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

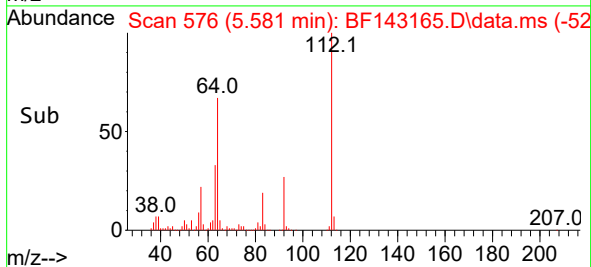
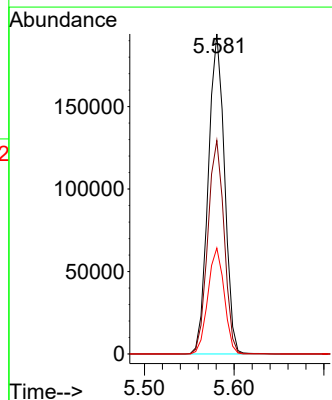
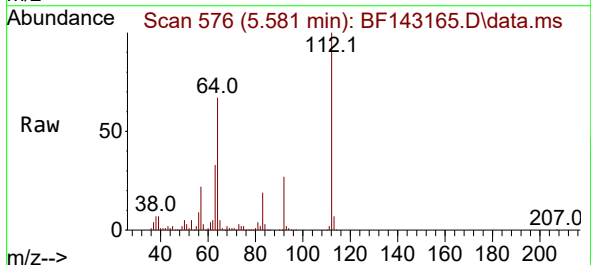
Instrument :
BNA_F
ClientSampleId :
EFF-WW

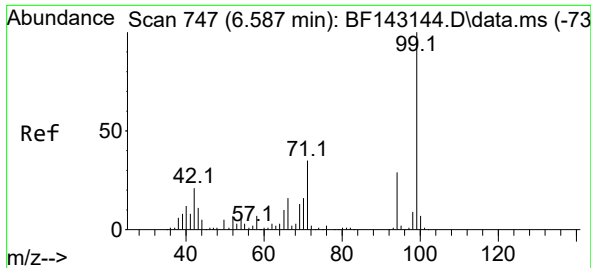
Tgt Ion:152 Resp: 91787
Ion Ratio Lower Upper
152 100
150 160.2 128.2 192.4
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 42.145 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

Tgt Ion:112 Resp: 244449
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 33.1 26.6 40.0

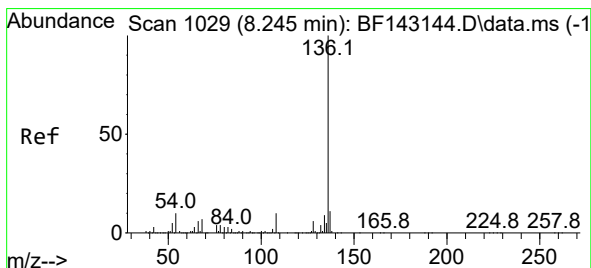
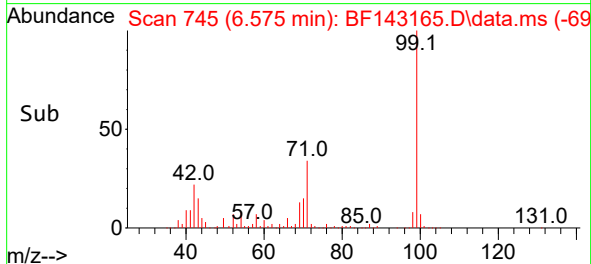
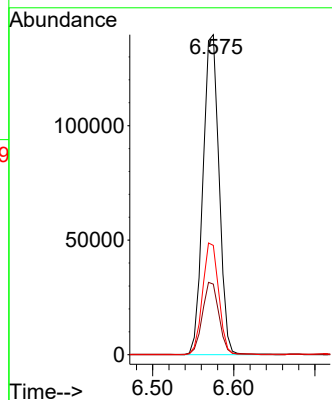
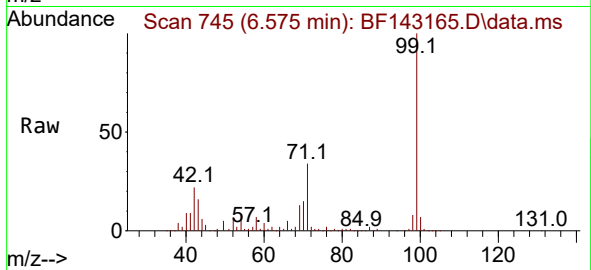




#7
Phenol-d6
Concen: 26.223 ng
RT: 6.575 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

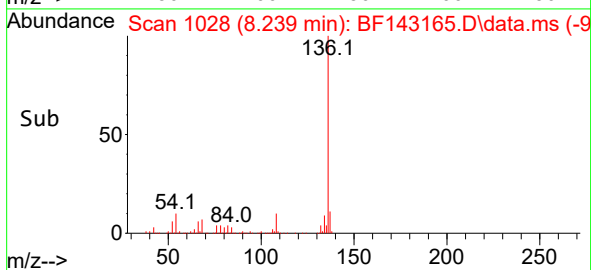
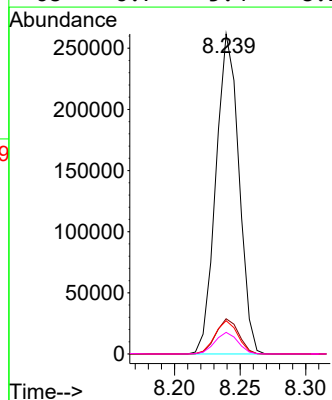
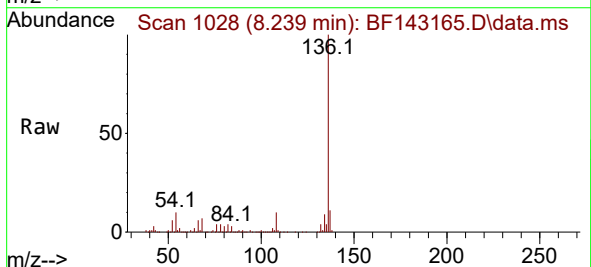
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 99 Resp: 191446
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

Tgt Ion: 136 Resp: 319077
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.4 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 81.095 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

Instrument :

BNA_F

ClientSampleId :

EFF-WW

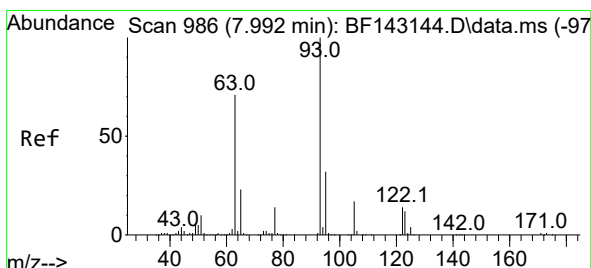
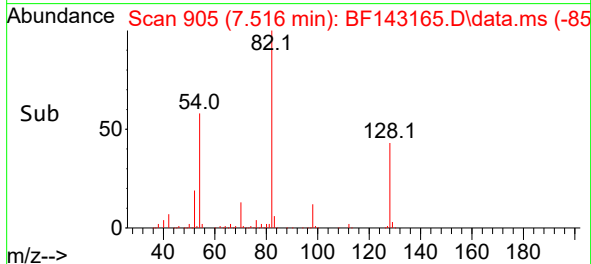
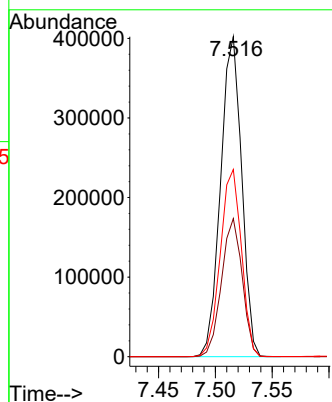
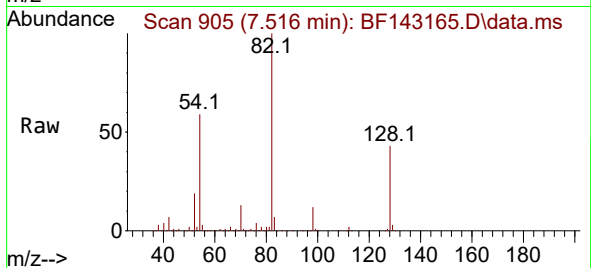
Tgt Ion: 82 Resp: 519099

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 58.5 47.1 70.7



#32

Benzoic acid

Concen: 21.715 ng

RT: 7.998 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

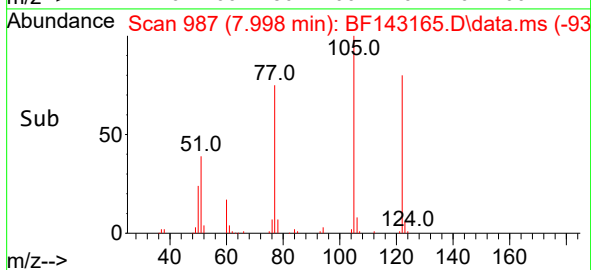
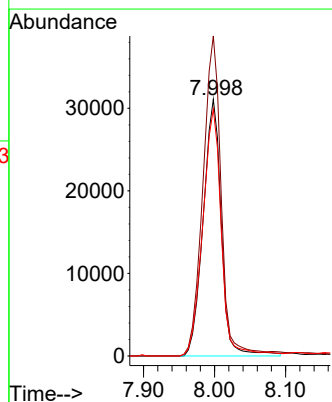
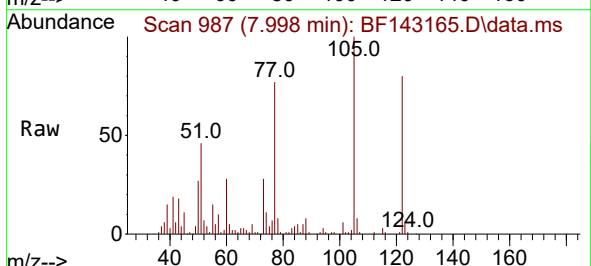
Tgt Ion:122 Resp: 55126

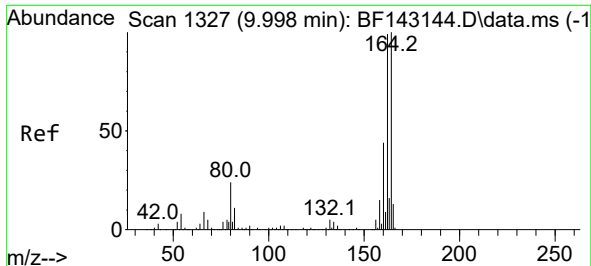
Ion Ratio Lower Upper

122 100

105 124.7 104.8 144.8

77 96.2 77.6 117.6

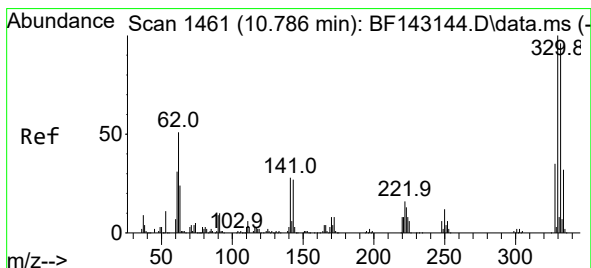
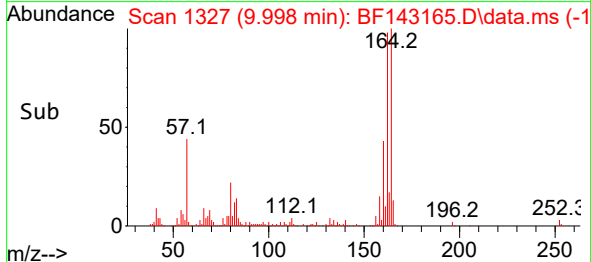
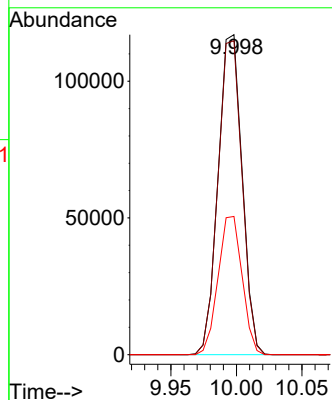
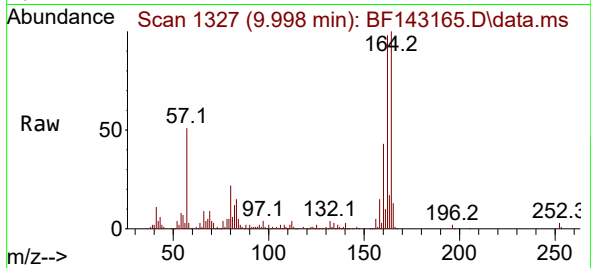




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

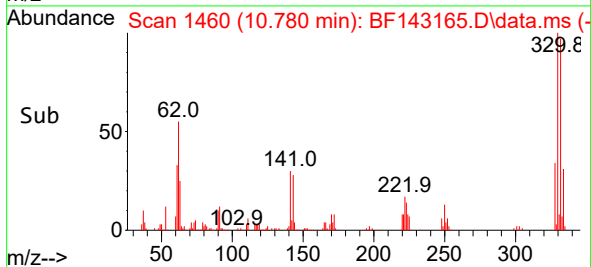
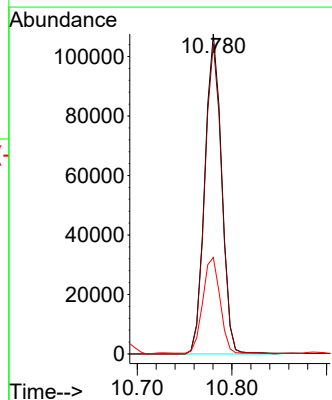
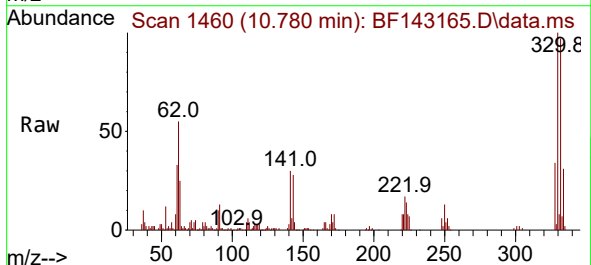
Instrument :
BNA_F
ClientSampleId :
EFF-WW

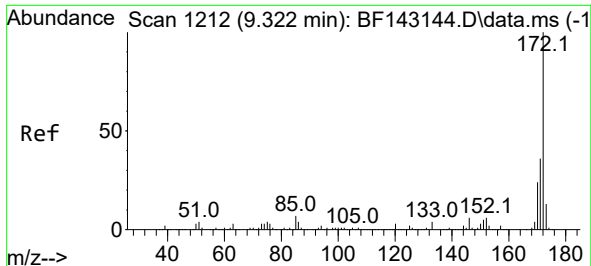
Tgt Ion:164 Resp: 149160
Ion Ratio Lower Upper
164 100
162 98.1 79.0 118.6
160 43.2 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 86.458 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143165.D
Acq: 18 Jul 2025 14:25

Tgt Ion:330 Resp: 133224
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 31.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.108 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

Instrument :

BNA_F

ClientSampleId :

EFF-WW

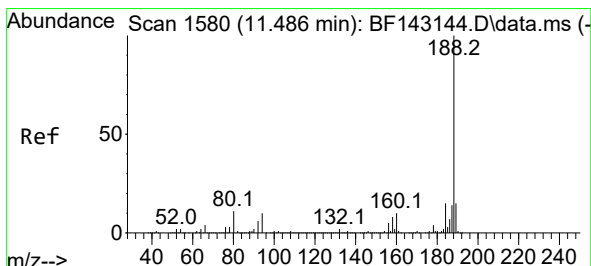
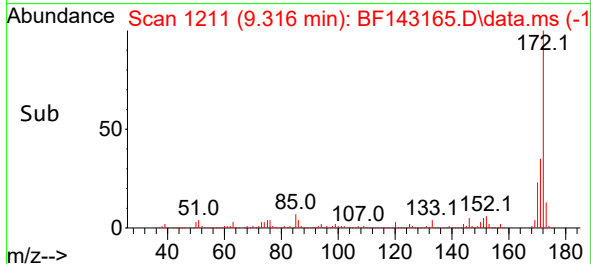
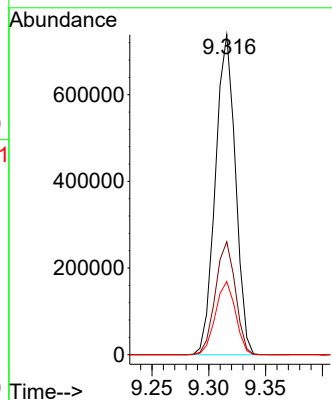
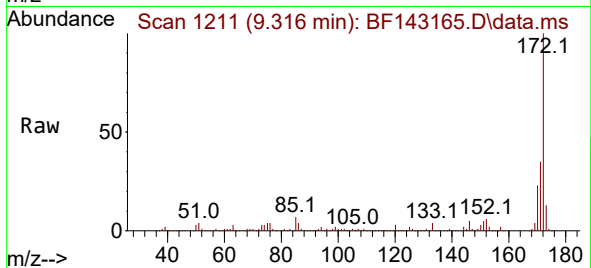
Tgt Ion:172 Resp: 906419

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 22.9 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

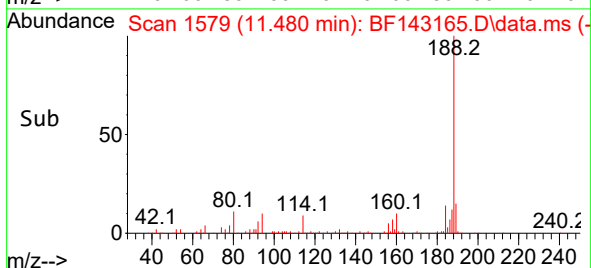
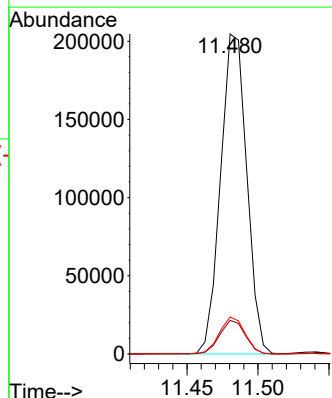
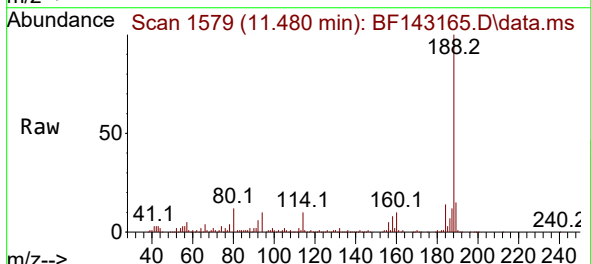
Tgt Ion:188 Resp: 262674

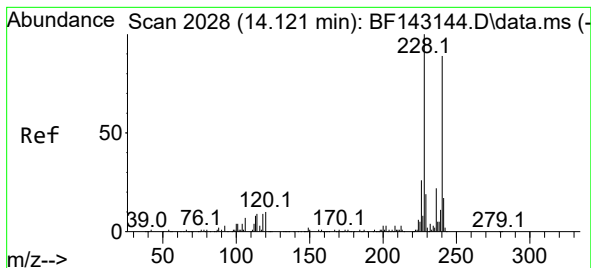
Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.6 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

Instrument :

BNA_F

ClientSampleId :

EFF-WW

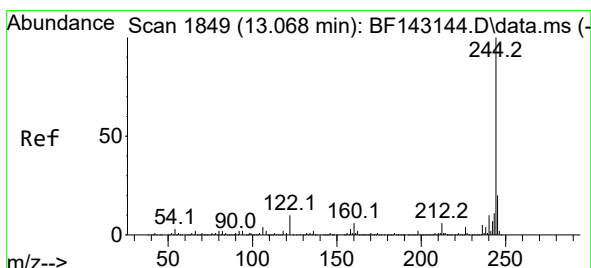
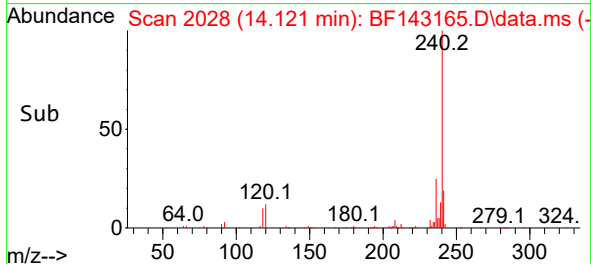
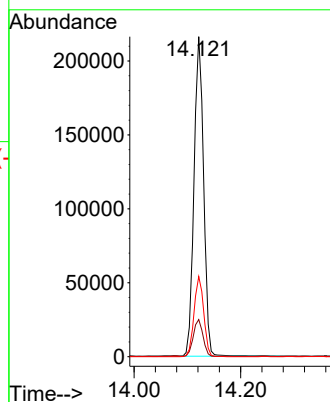
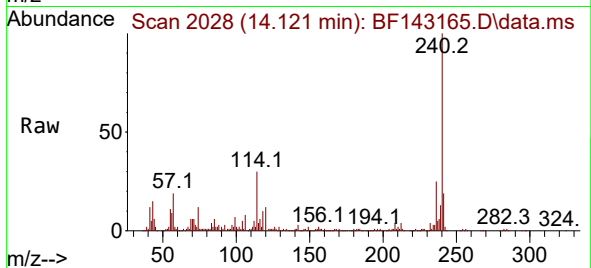
Tgt Ion:240 Resp: 270242

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.0 20.2 30.4



#79

Terphenyl-d14

Concen: 57.808 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

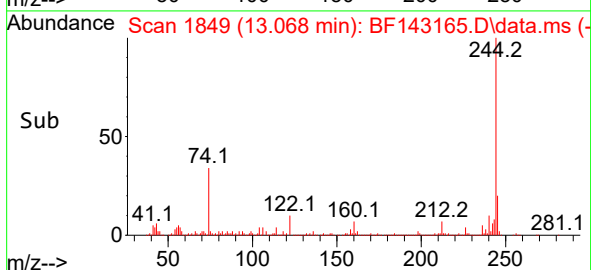
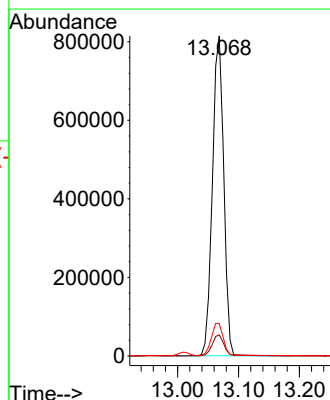
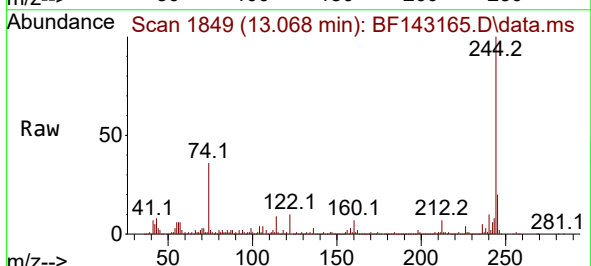
Tgt Ion:244 Resp: 1049796

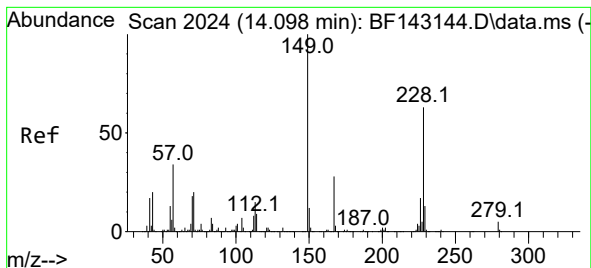
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.1 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.607 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

Instrument :

BNA_F

ClientSampleId :

EFF-WW

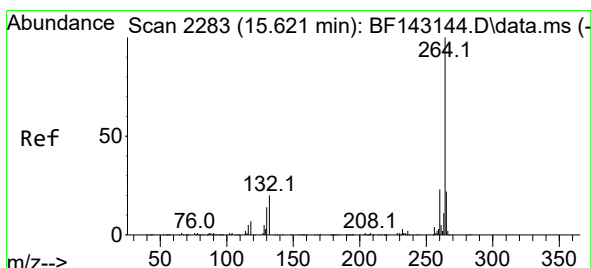
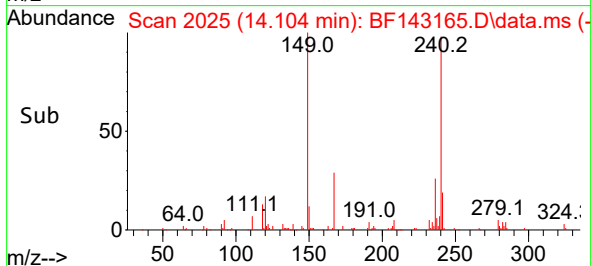
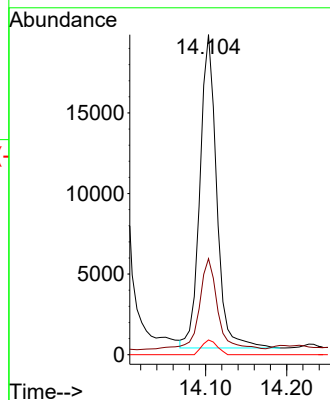
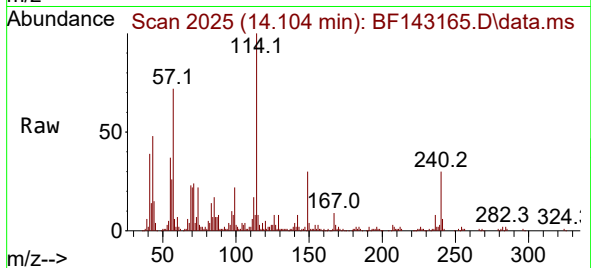
Tgt Ion:149 Resp: 27871

Ion Ratio Lower Upper

149 100

167 30.0 22.3 33.5

279 4.6 3.6 5.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BF143165.D

Acq: 18 Jul 2025 14:25

Tgt Ion:264 Resp: 282695

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.6 17.4 26.2

