

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143252.D
 Acq On : 25 Jul 2025 15:48
 Operator : RC/JU
 Sample : Q2688-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOM-81

Quant Time: Jul 25 16:15:02 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)

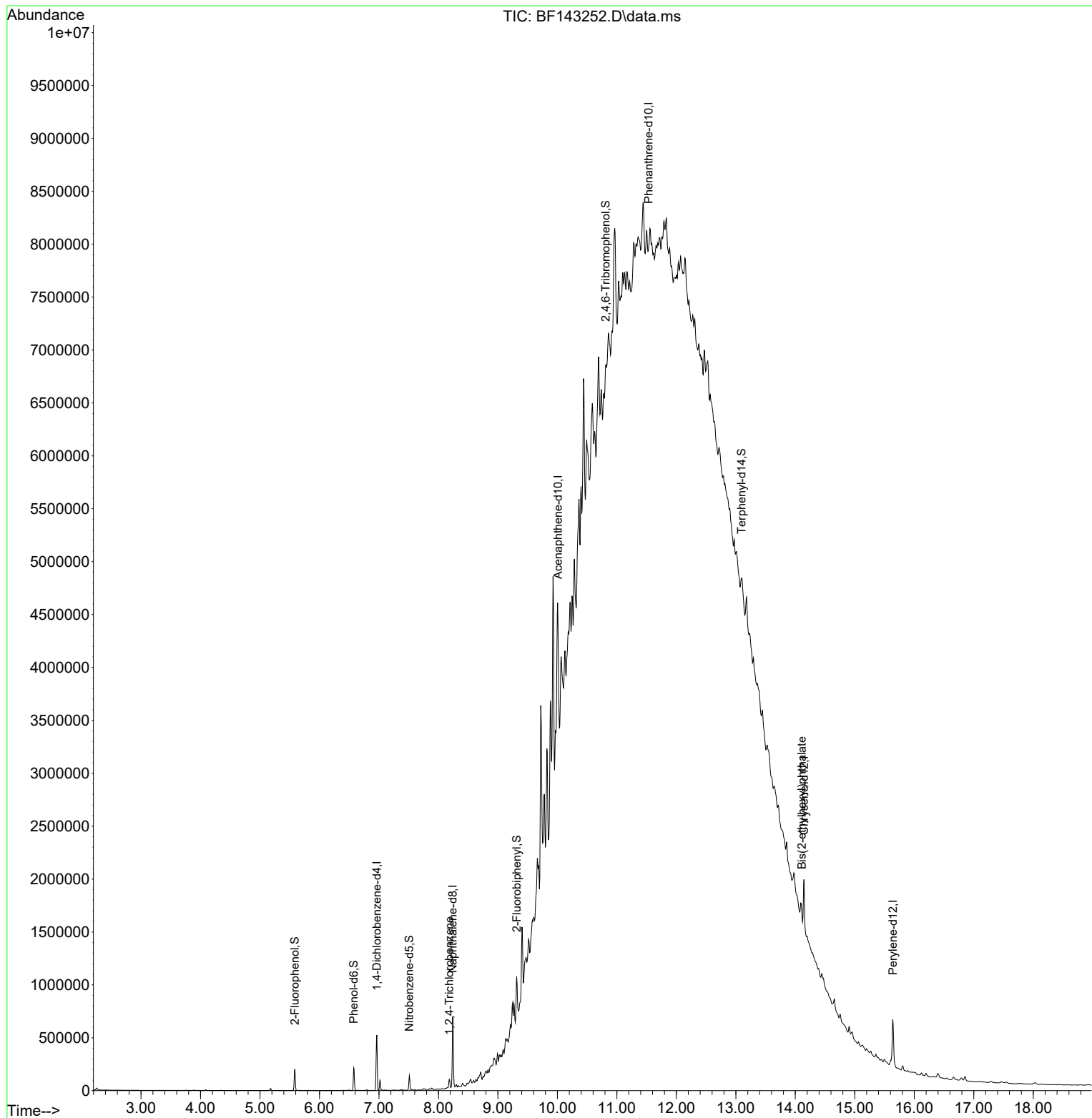
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107920	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	397387	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	146881	20.000	ng	0.01
64) Phenanthrene-d10	11.533	188	152034	20.000	ng	# 0.05
76) Chrysene-d12	14.145	240	232167	20.000	ng	0.02
86) Perylene-d12	15.639	264	261501	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	71110	10.427	ng	0.00
7) Phenol-d6	6.575	99	90951	10.596	ng	-0.01
23) Nitrobenzene-d5	7.510	82	55763	6.995	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	14998	9.884	ng	0.02
45) 2-Fluorobiphenyl	9.316	172	102748	9.567	ng	0.00
79) Terphenyl-d14	13.098	244	77798	4.987	ng	0.03
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.180	180	19118	3.191	ng	Qvalue 97
84) Bis(2-ethylhexyl)phtha...	14.110	149	27206	2.962	ng	# 77

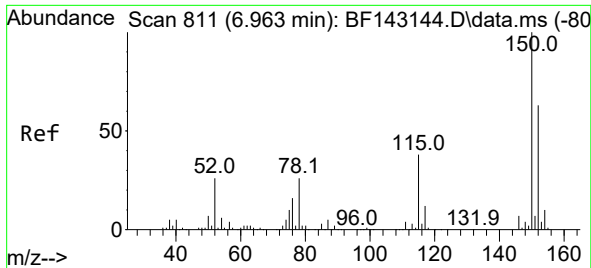
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143252.D
Acq On : 25 Jul 2025 15:48
Operator : RC/JU
Sample : Q2688-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOM-81

Quant Time: Jul 25 16:15:02 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

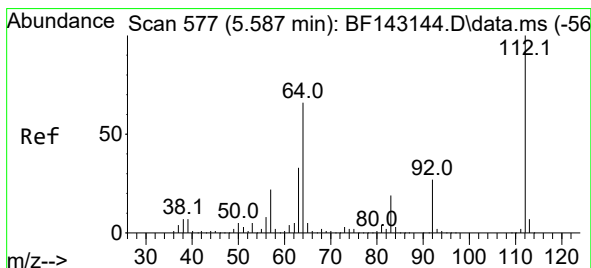
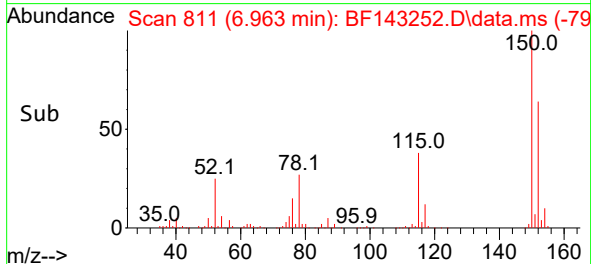
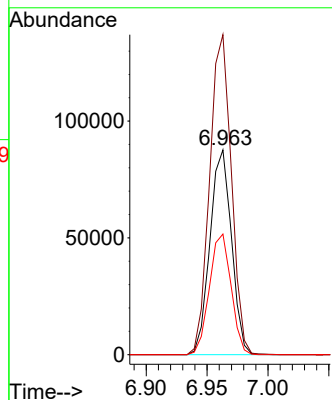
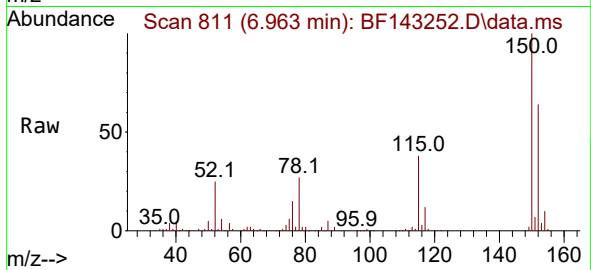




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

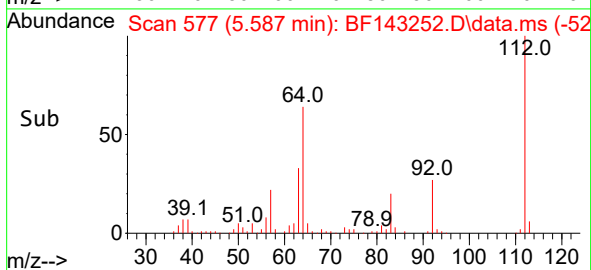
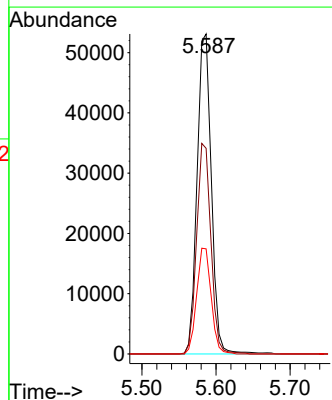
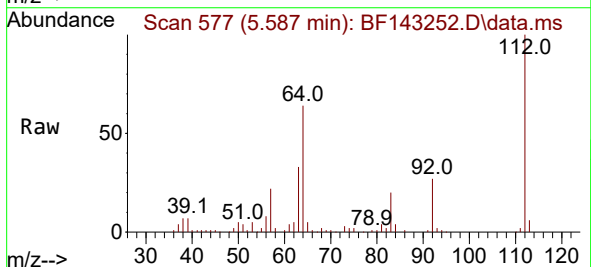
Instrument :
BNA_F
ClientSampleId :
SOM-81

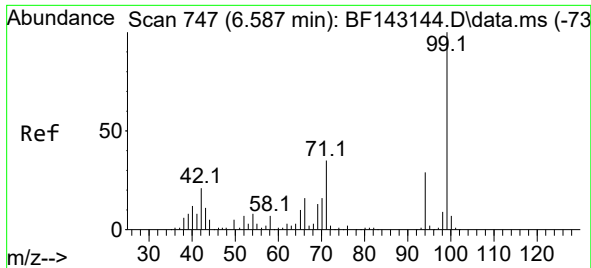
Tgt Ion:152 Resp: 107920
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 10.427 ng
RT: 5.587 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

Tgt Ion:112 Resp: 71110
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.9 26.6 40.0

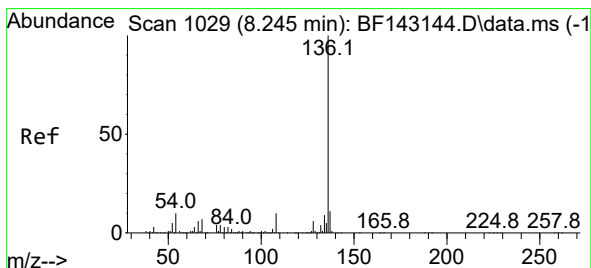
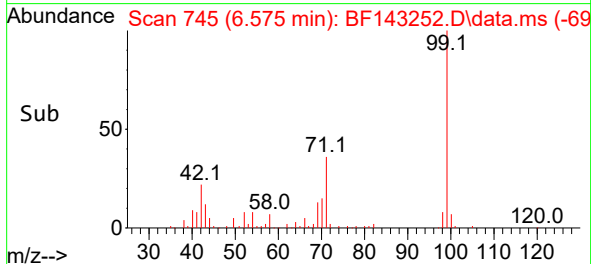
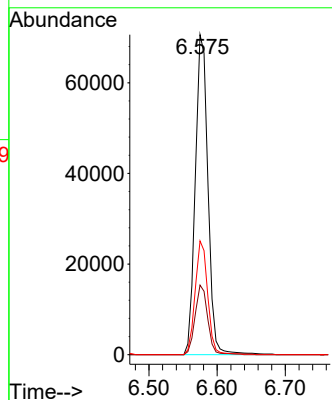
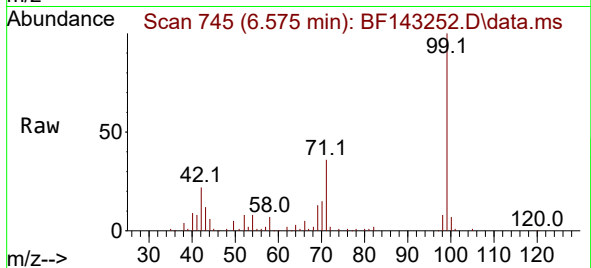




#7
Phenol-d6
Concen: 10.596 ng
RT: 6.575 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

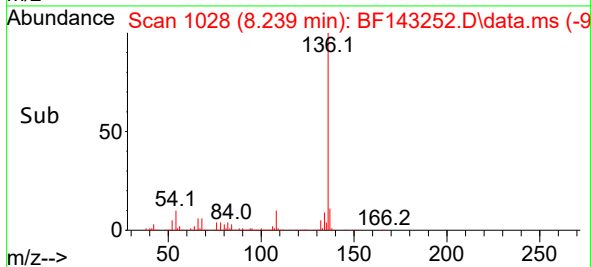
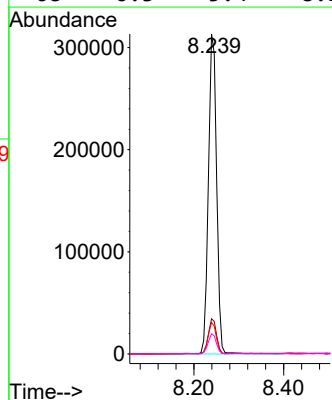
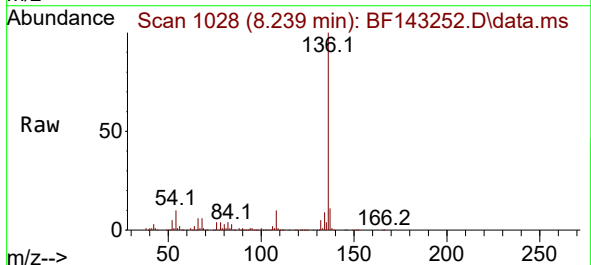
Instrument :
BNA_F
ClientSampleId :
SOM-81

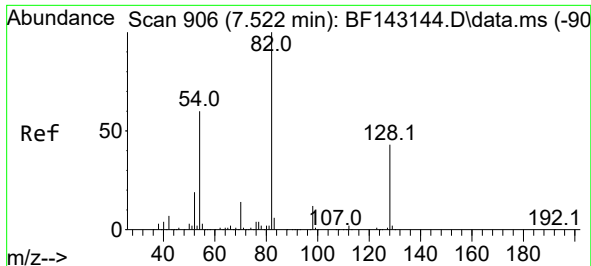
Tgt Ion: 99 Resp: 90951
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 35.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

Tgt Ion:136 Resp: 397387
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 8.2 12.2
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 6.995 ng

RT: 7.510 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

Instrument :

BNA_F

ClientSampleId :

SOM-81

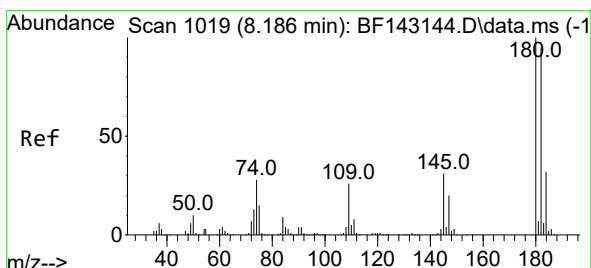
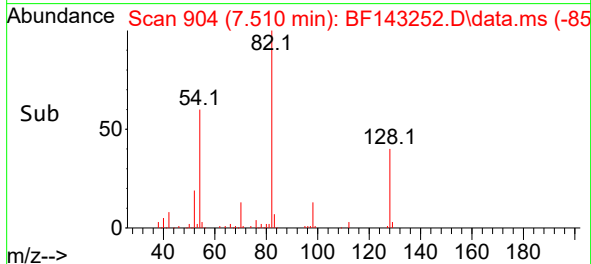
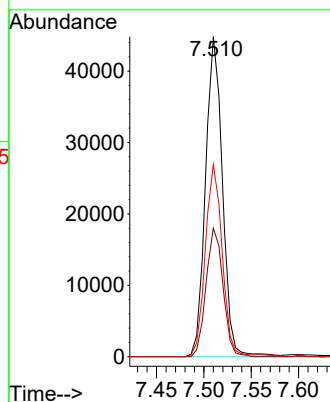
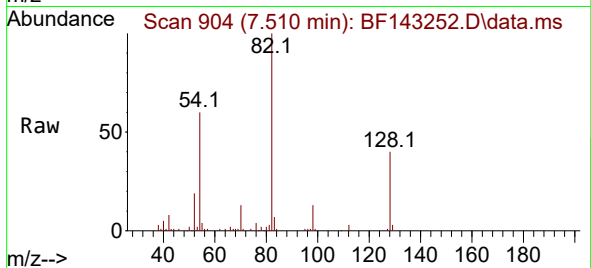
Tgt Ion: 82 Resp: 55763

Ion Ratio Lower Upper

82 100

128 40.2 33.6 50.4

54 60.1 47.1 70.7



#30

1,2,4-Trichlorobenzene

Concen: 3.191 ng

RT: 8.180 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

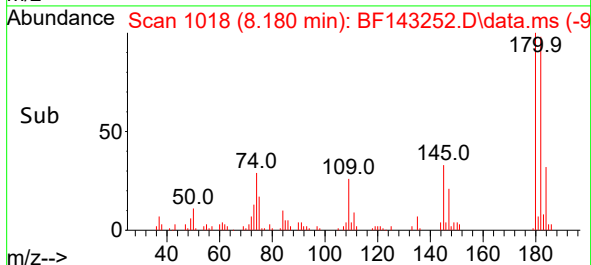
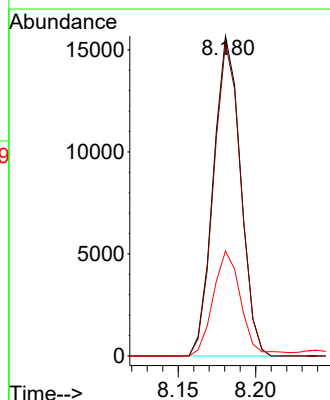
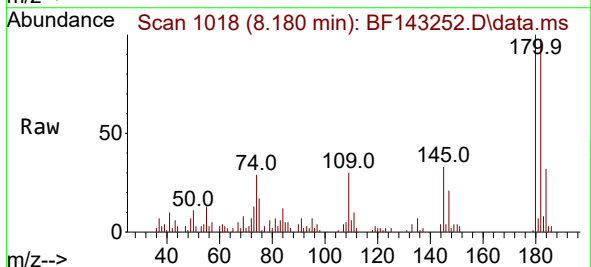
Tgt Ion: 180 Resp: 19118

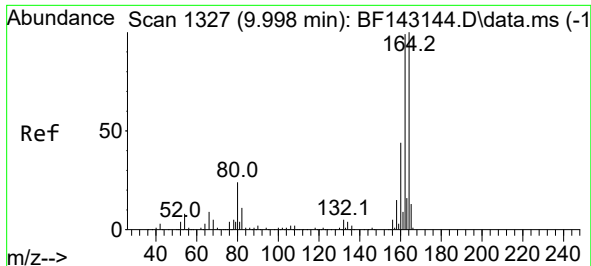
Ion Ratio Lower Upper

180 100

182 97.8 76.2 114.2

145 32.8 25.0 37.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

Instrument :

BNA_F

ClientSampleId :

SOM-81

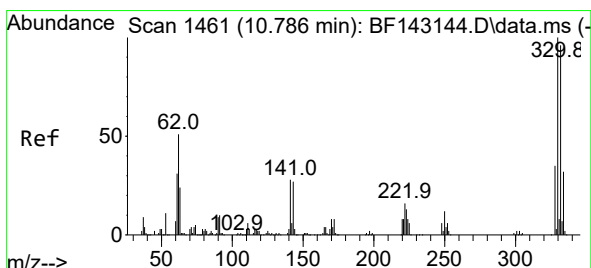
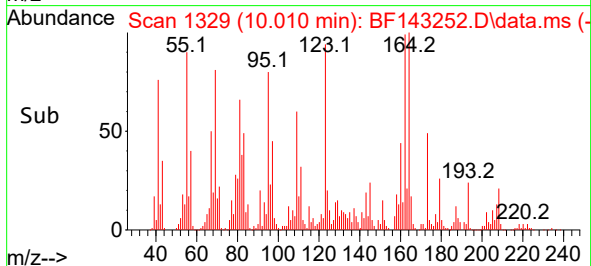
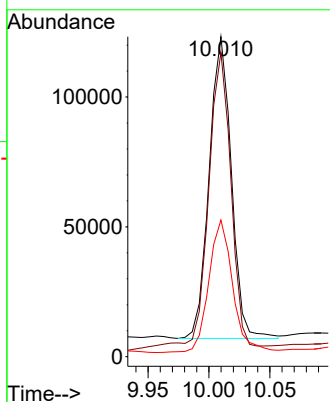
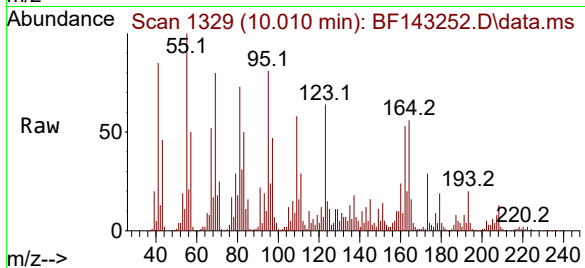
Tgt Ion:164 Resp: 146881

Ion Ratio Lower Upper

164 100

162 95.1 79.0 118.6

160 42.7 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 9.884 ng

RT: 10.810 min Scan# 1465

Delta R.T. 0.023 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

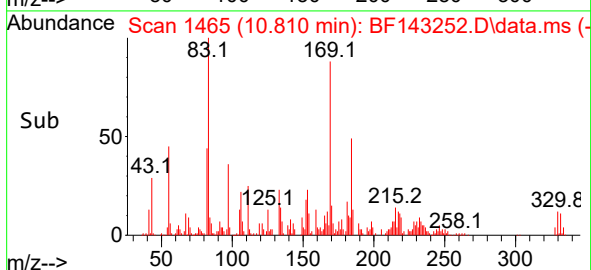
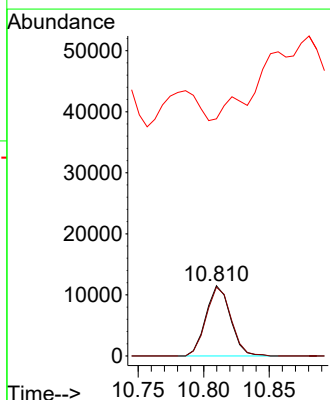
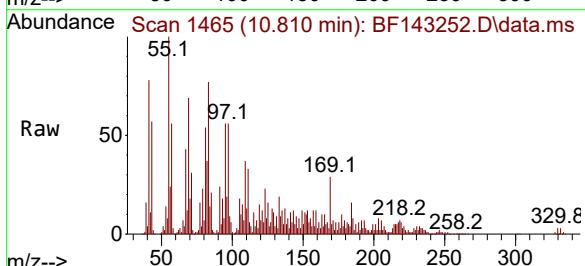
Tgt Ion:330 Resp: 14998

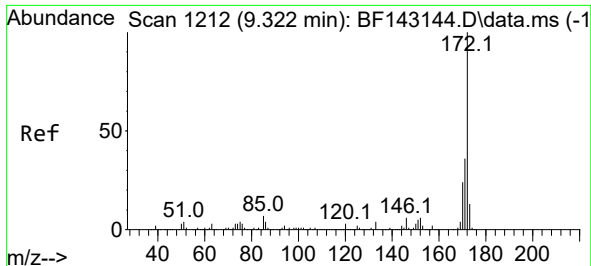
Ion Ratio Lower Upper

330 100

332 99.3 76.7 115.1

141 25.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 9.567 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

Instrument :

BNA_F

ClientSampleId :

SOM-81

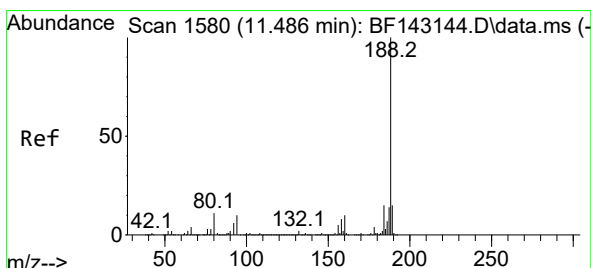
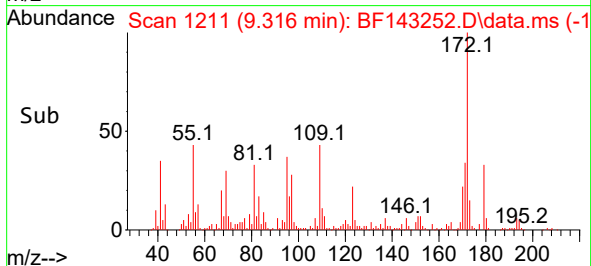
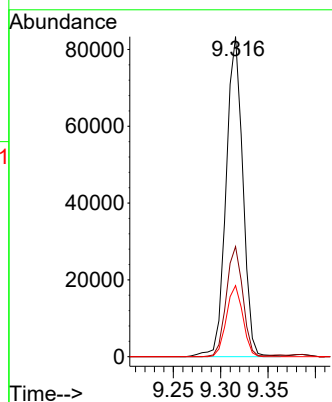
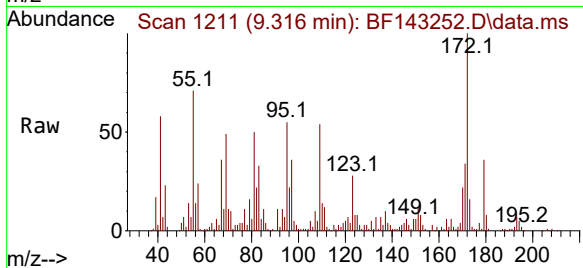
Tgt Ion:172 Resp: 102748

Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 22.2 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.047 min

Lab File: BF143252.D

Acq: 25 Jul 2025 15:48

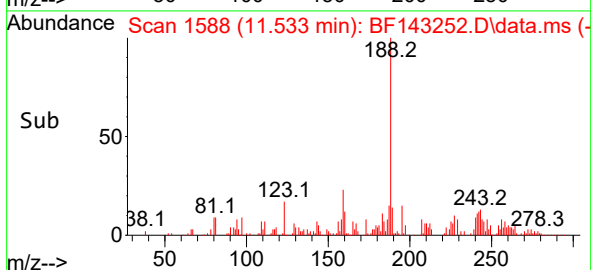
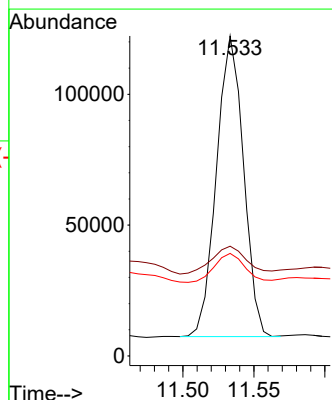
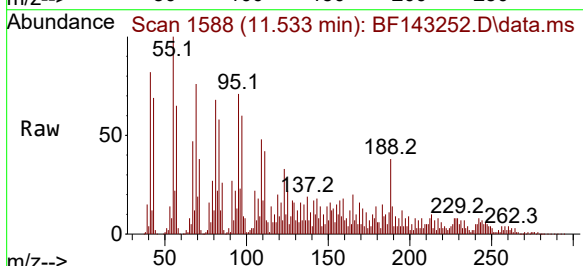
Tgt Ion:188 Resp: 152034

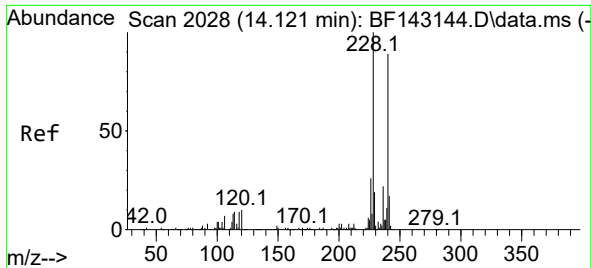
Ion Ratio Lower Upper

188 100

94 34.3 8.3 12.5#

80 32.1 9.0 13.6#

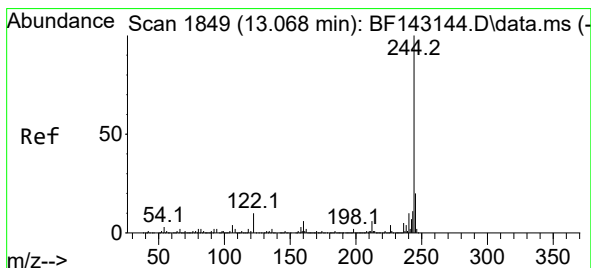
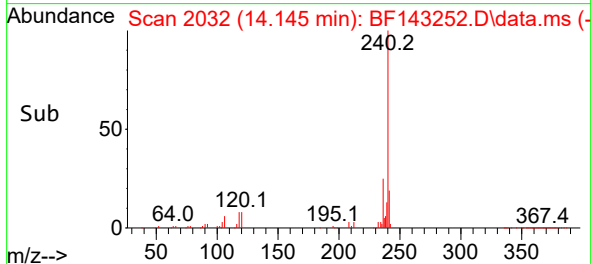
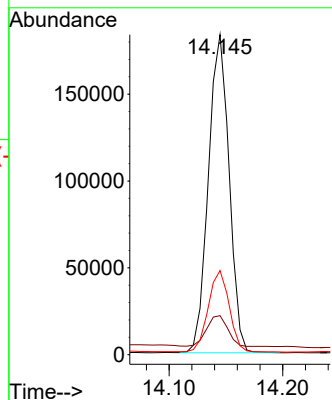
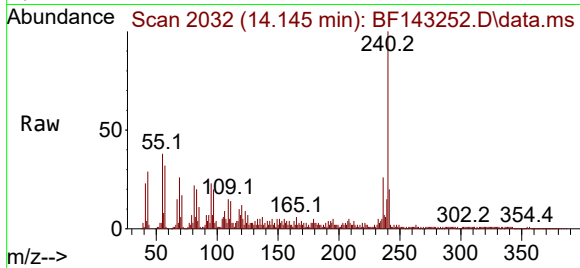




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2028
Delta R.T. 0.023 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

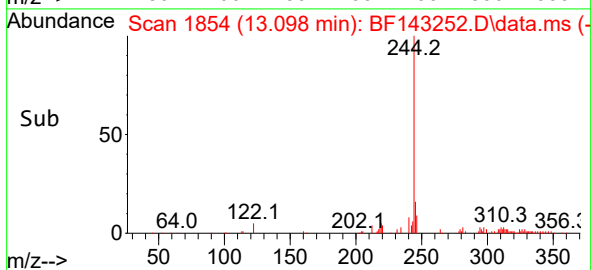
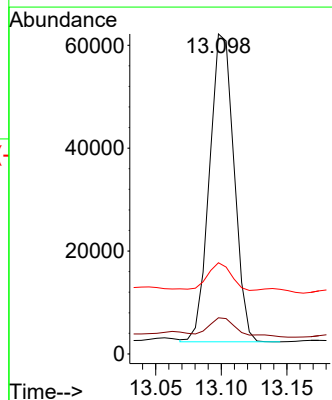
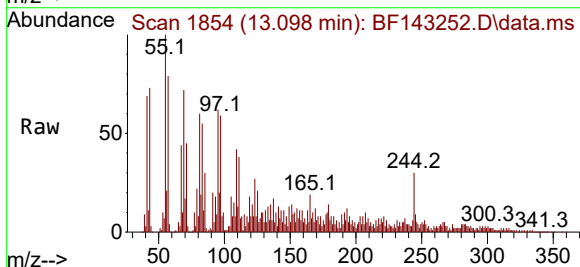
Instrument :
BNA_F
ClientSampleId :
SOM-81

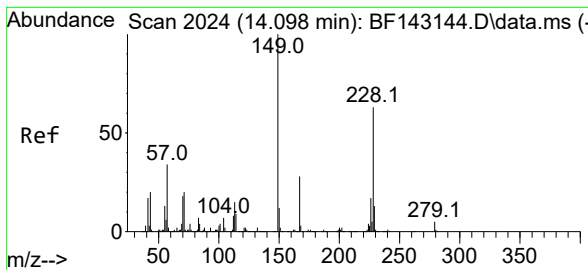
Tgt Ion:240 Resp: 232167
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 26.3 20.2 30.4



#79
Terphenyl-d14
Concen: 4.987 ng
RT: 13.098 min Scan# 1854
Delta R.T. 0.029 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

Tgt Ion:244 Resp: 77798
Ion Ratio Lower Upper
244 100
212 11.3 5.2 7.8#
122 28.5 8.2 12.2#

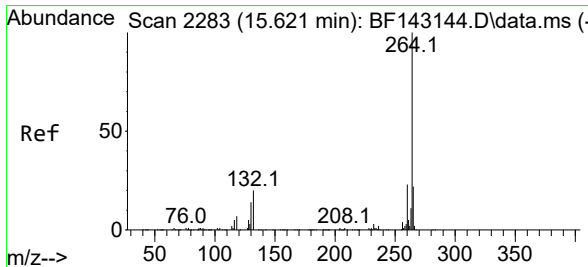
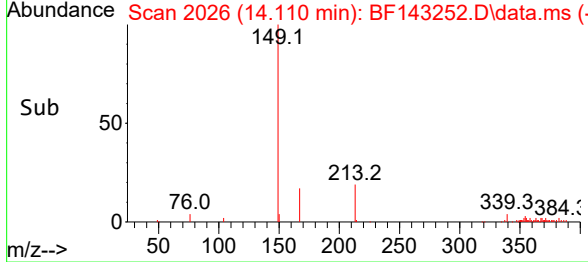
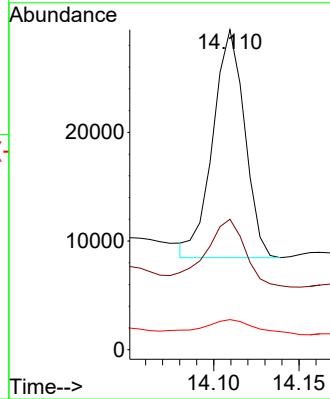
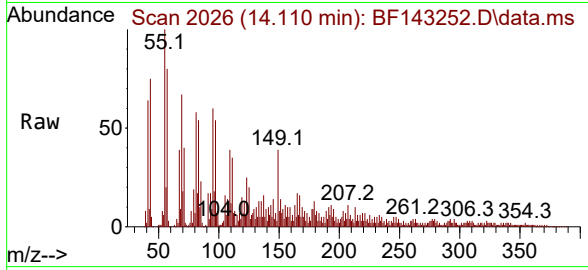




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.962 ng
RT: 14.110 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
SOM-81

Tgt Ion:149 Resp: 27206
Ion Ratio Lower Upper
149 100
167 40.8 22.3 33.5#
279 9.4 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143252.D
Acq: 25 Jul 2025 15:48

Tgt Ion:264 Resp: 261501
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.6 17.4 26.2

