

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143116.D
 Acq On : 16 Jul 2025 19:09
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 17 03:43:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

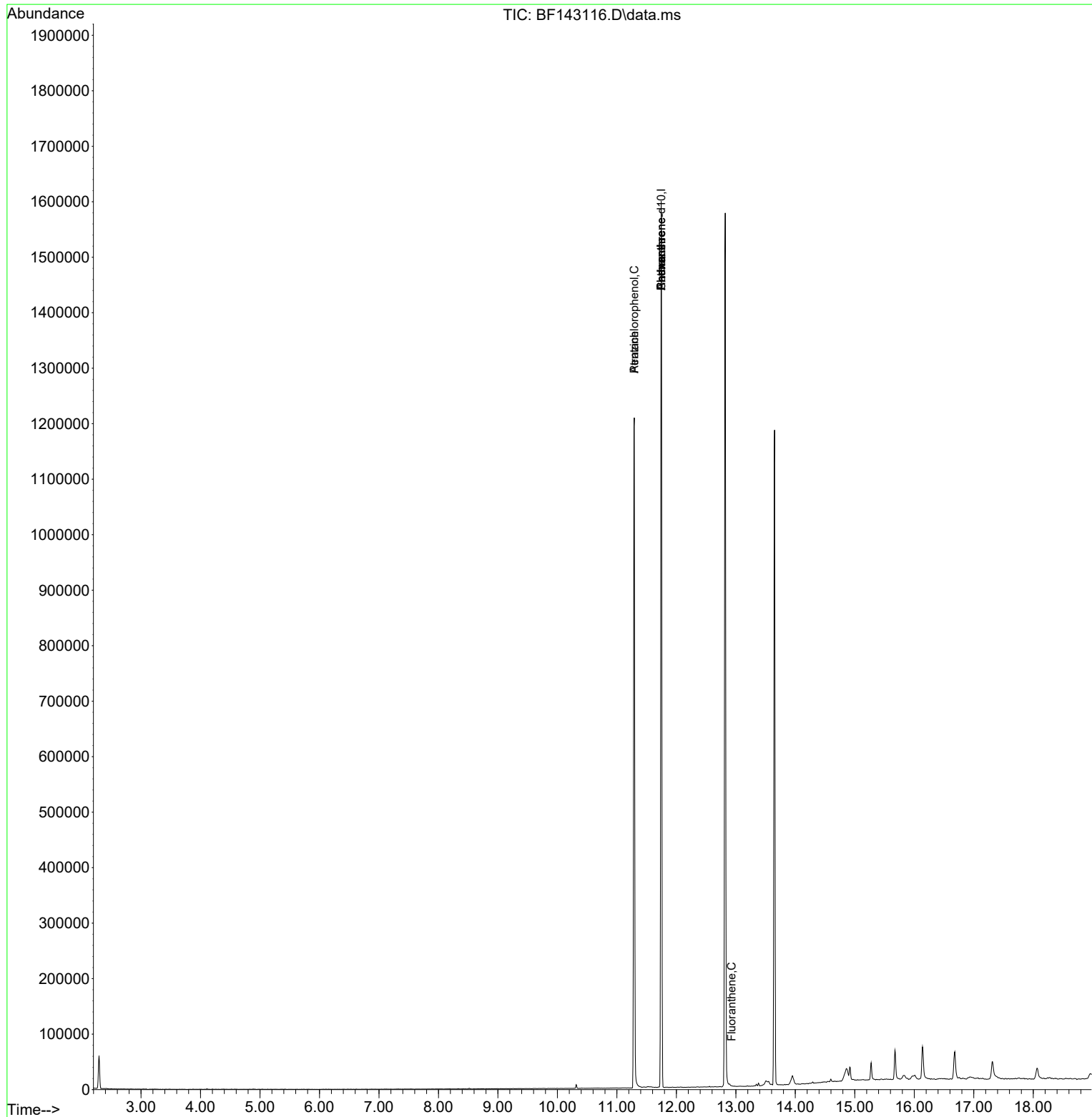
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.97
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.25
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-10.00
64) Phenanthrene-d10	11.745	188	899	20.000	ng	# 0.25
76) Chrysene-d12	0.000	240	0	0.000	ng	-14.13
86) Perylene-d12	0.000	264	0	0.000	ng	-15.64
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	13.068	244	55	0.000	ng	0.00
Target Compounds						
						Qvalue
69) Atrazine	11.292	200	34348	4251.414	ng	# 34
70) Pentachlorophenol	11.292	266	195924	32920.425	ng	99
71) Phenanthrene	11.745	178	637	13.129	ng	# 1
72) Anthracene	11.745	178	637	13.056	ng	# 1
73) Carbazole	11.745	167	10164	232.534	ng	# 80
75) Fluoranthene	12.927	202	191	4.330	ng	64

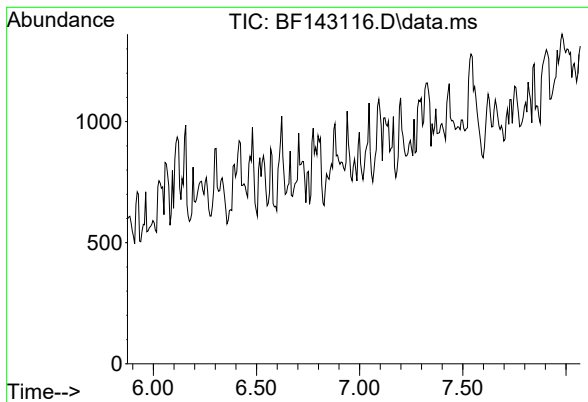
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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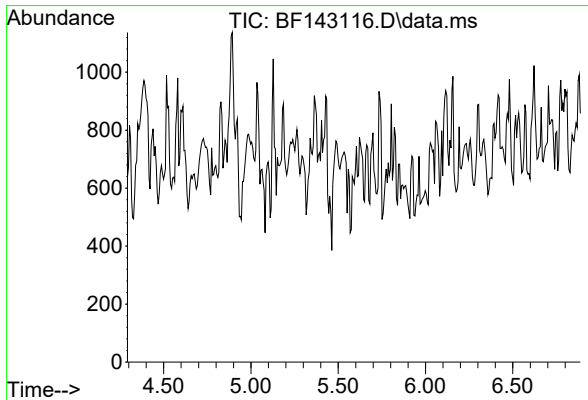
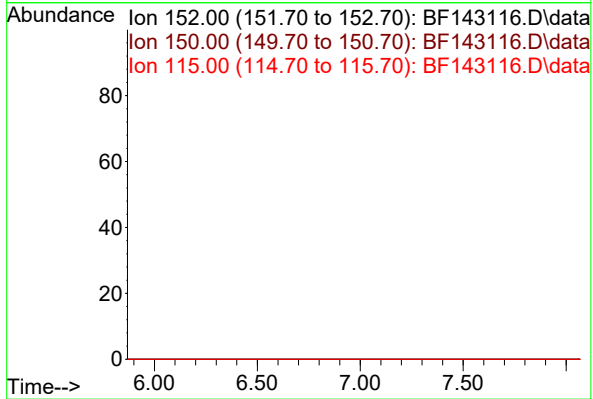


#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BF143116.D
Acq: 16 Jul 2025 19:09

Instrument :
BNA_F
ClientSampleId :
DFTPP

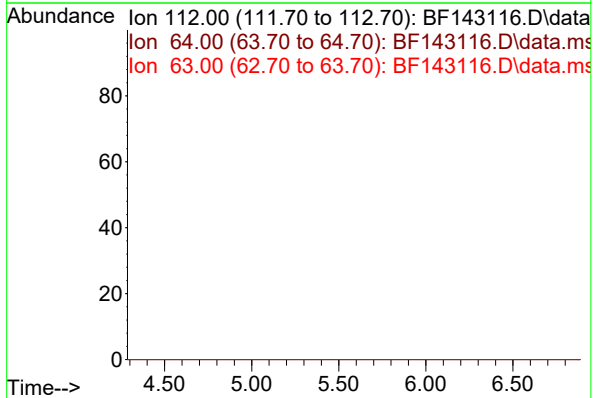
Tgt Ion: 152
Sig Exp Ratio
152 100
150 158.1
115 58.8

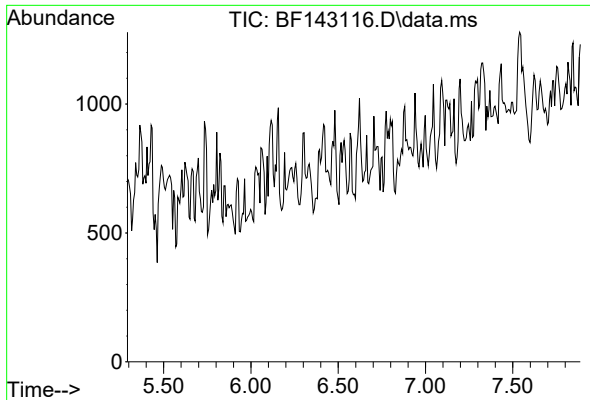


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143116.D
Acq: 16 Jul 2025 19:09

Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.3
63 34.1



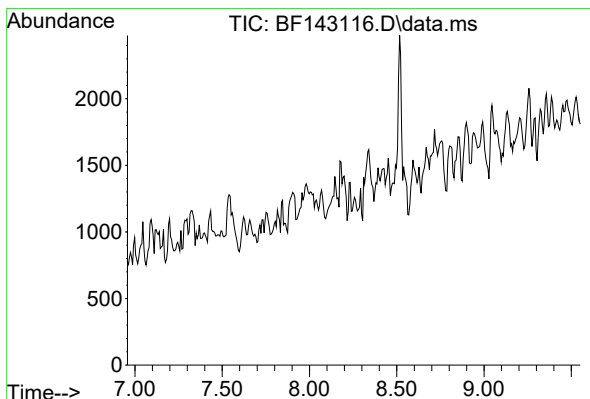
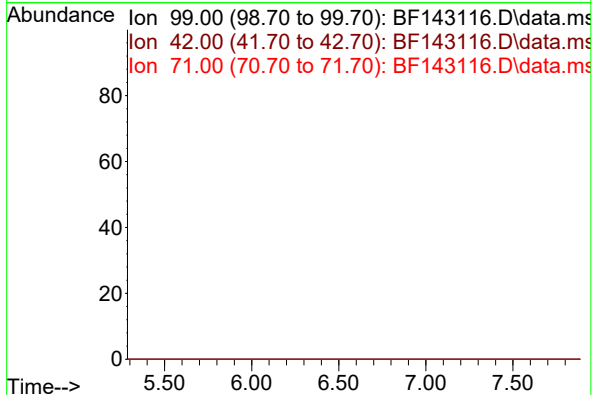


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143116.D
Acq: 16 Jul 2025 19:09

Instrument :
BNA_F
ClientSampleId :
DFTPP

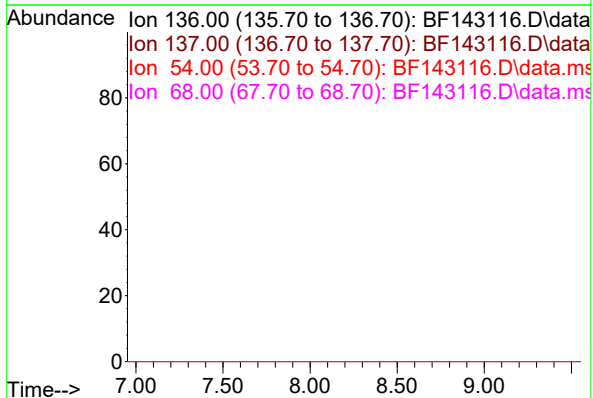
Tgt Ion: 99
Sig Exp Ratio
99 100
42 21.5
71 34.2

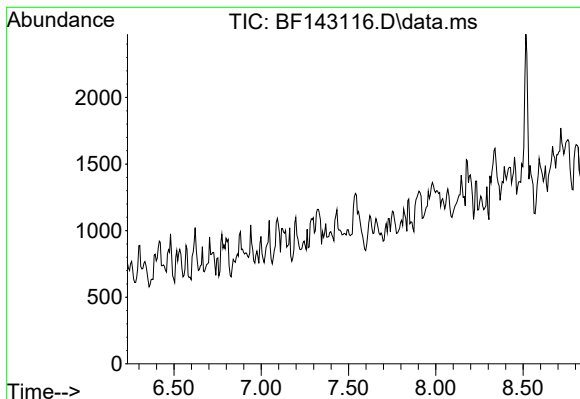


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.25 min

Lab File: BF143116.D
Acq: 16 Jul 2025 19:09

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 10.4
68 6.6



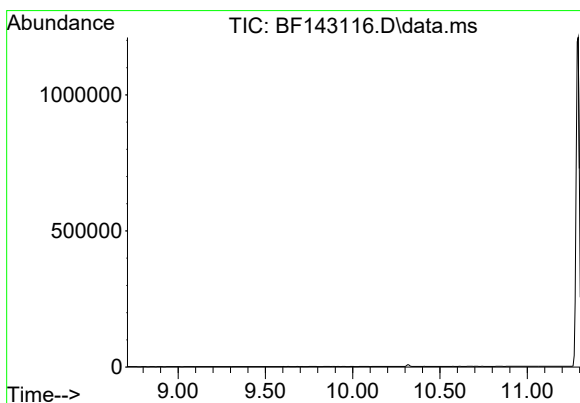
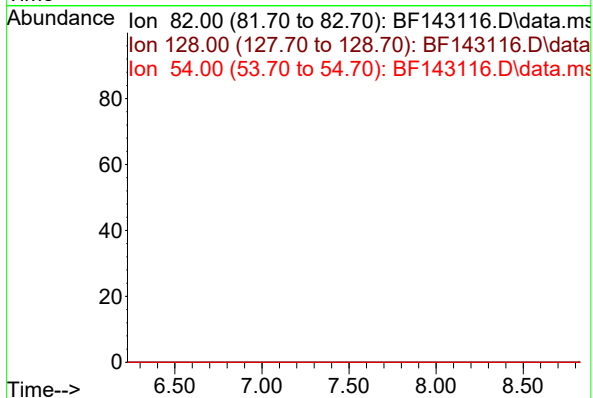


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.53 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82

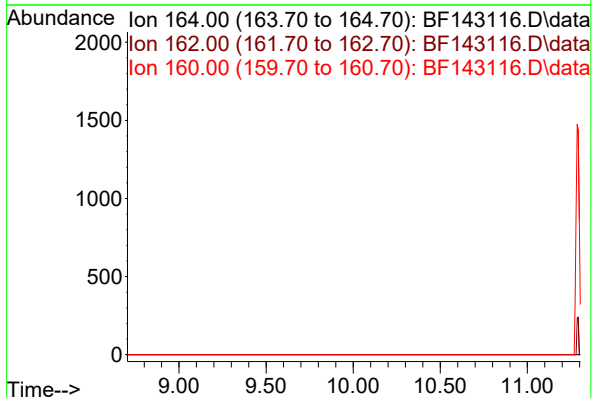
Sig	Exp Ratio
82	100
128	41.6
54	59.3

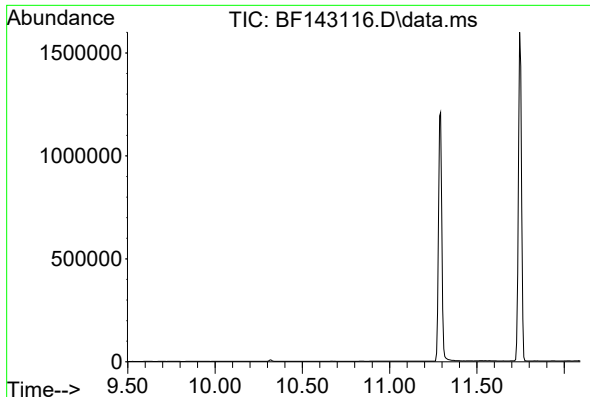


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 10.00 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	98.8
160	44.7



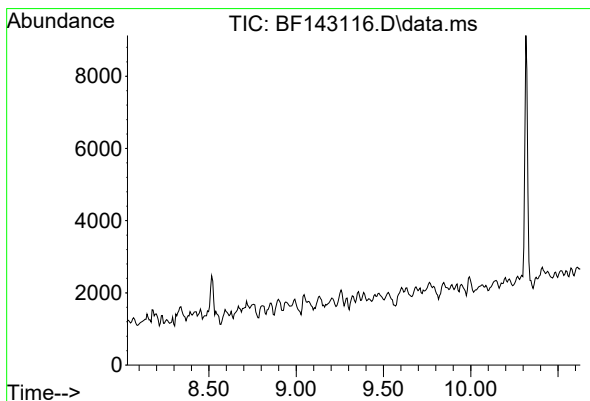
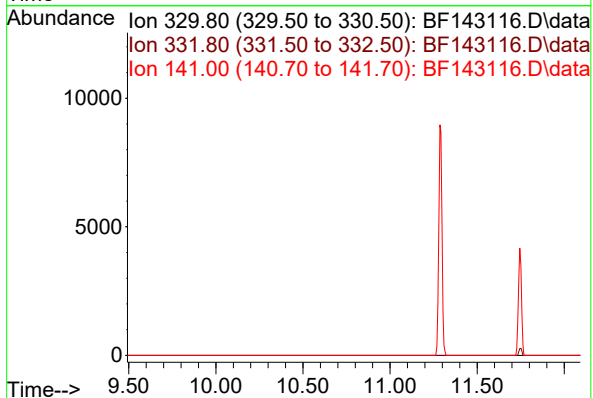


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.79 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 330

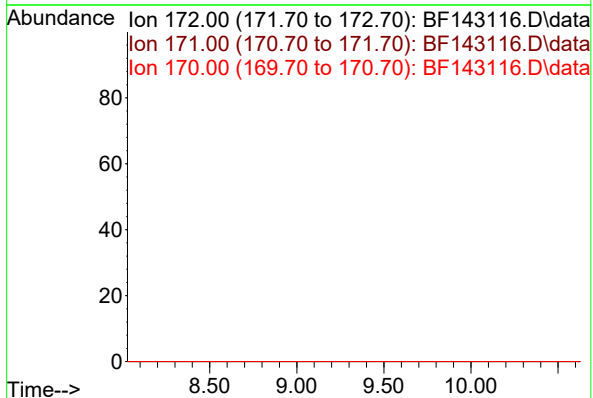
Sig	Exp Ratio
330	100
332	97.4
141	32.4

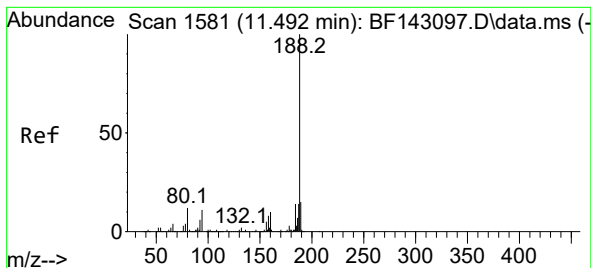


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.33 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.3
170	23.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.745 min Scan# 1

Delta R.T. 0.253 min

Lab File: BF143116.D

Acq: 16 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

DFTPP

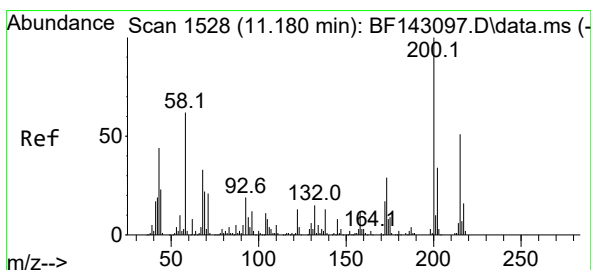
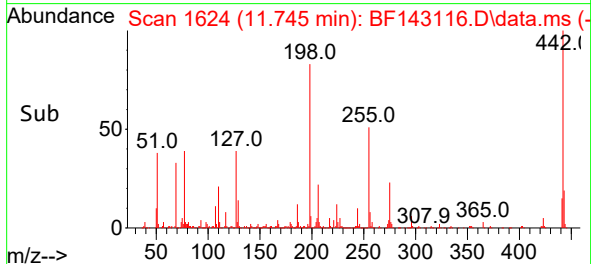
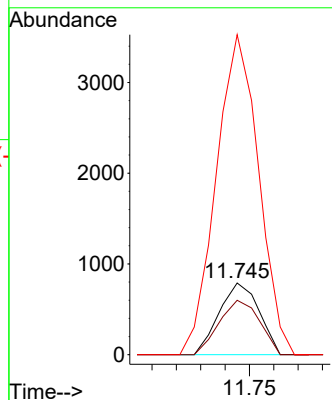
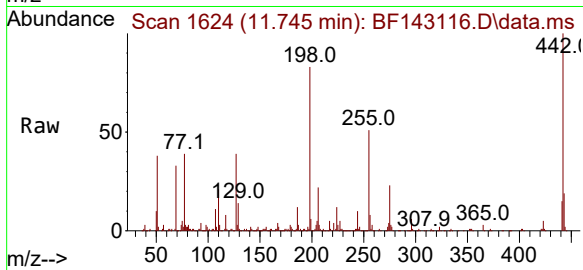
Tgt Ion:188 Resp: 899

Ion Ratio Lower Upper

188 100

94 75.9 8.6 13.0#

80 446.5 9.3 13.9#



#69

Atrazine

Concen: 4251.414 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.112 min

Lab File: BF143116.D

Acq: 16 Jul 2025 19:09

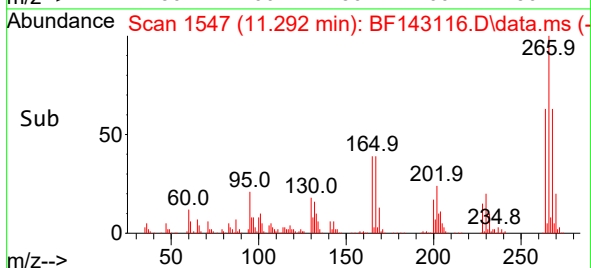
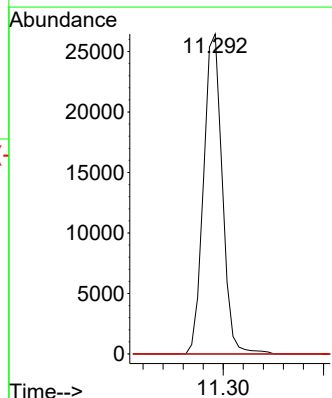
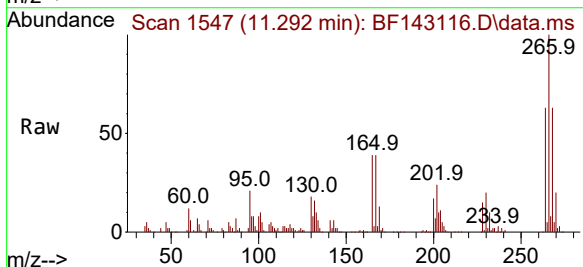
Tgt Ion:200 Resp: 34348

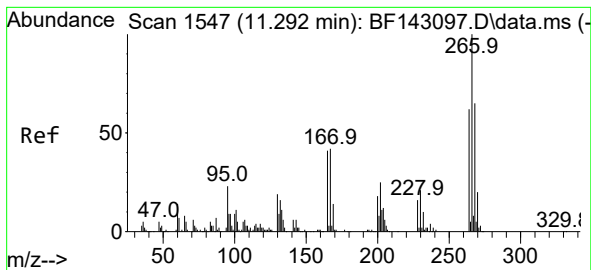
Ion Ratio Lower Upper

200 100

173 0.0 9.1 49.1#

215 0.0 31.0 71.0#

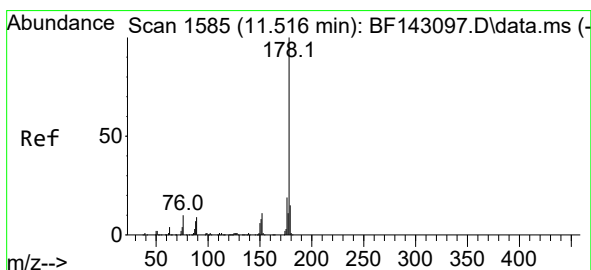
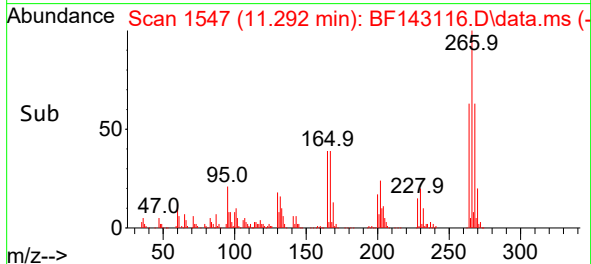
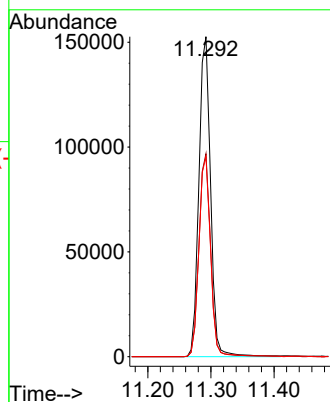
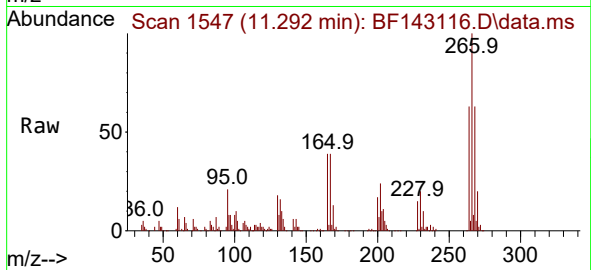




#70
 Pentachlorophenol
 Concen: 32920.425 ng
 RT: 11.292 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

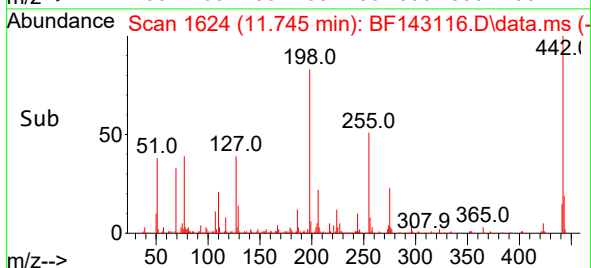
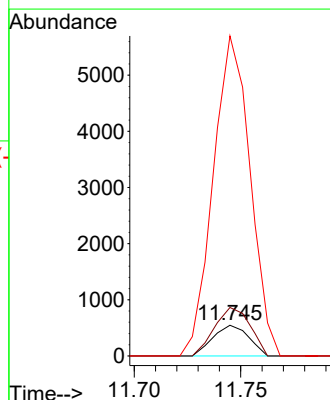
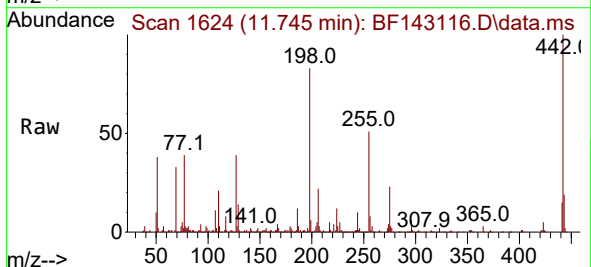
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

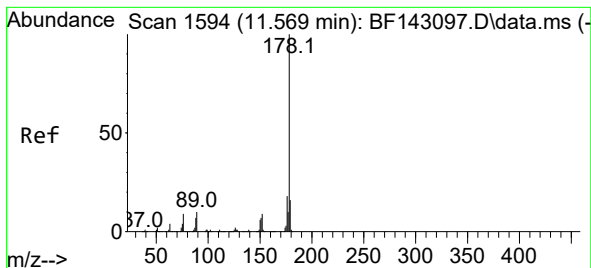
Tgt Ion:266 Resp: 195924
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.8 77.6
 264 62.6 49.7 74.5



#71
 Phenanthrene
 Concen: 13.129 ng
 RT: 11.745 min Scan# 1624
 Delta R.T. 0.229 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Tgt Ion:178 Resp: 637
 Ion Ratio Lower Upper
 178 100
 176 157.7 15.1 22.7#
 179 1040.0 12.2 18.4#





#72

Anthracene

Concen: 13.056 ng

RT: 11.745 min Scan# 1

Delta R.T. 0.176 min

Lab File: BF143116.D

Acq: 16 Jul 2025 19:09

Instrument :

BNA_F

ClientSampleId :

DFTPP

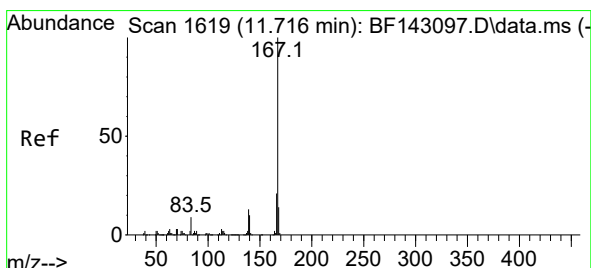
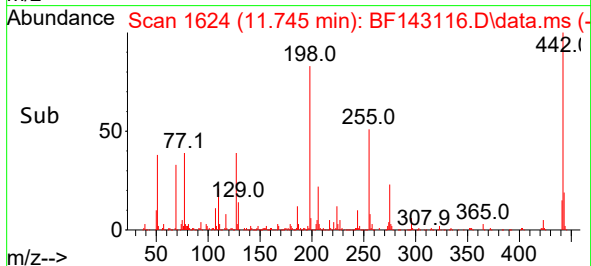
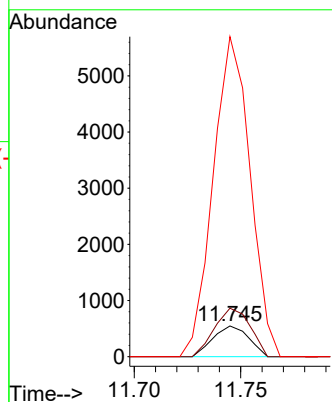
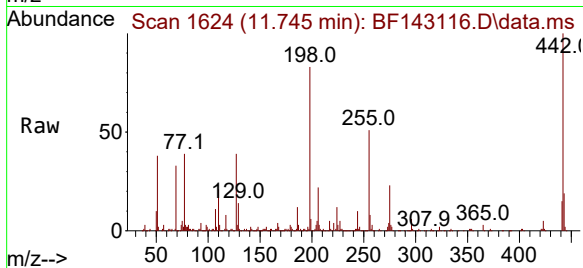
Tgt Ion:178 Resp: 637

Ion Ratio Lower Upper

178 100

176 157.7 14.7 22.1#

179 1040.0 12.4 18.6#



#73

Carbazole

Concen: 232.534 ng

RT: 11.745 min Scan# 1624

Delta R.T. 0.029 min

Lab File: BF143116.D

Acq: 16 Jul 2025 19:09

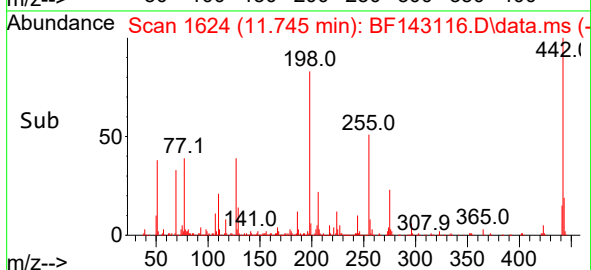
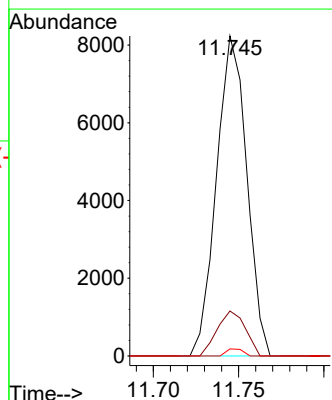
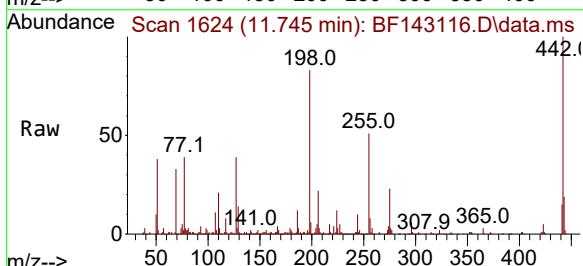
Tgt Ion:167 Resp: 10164

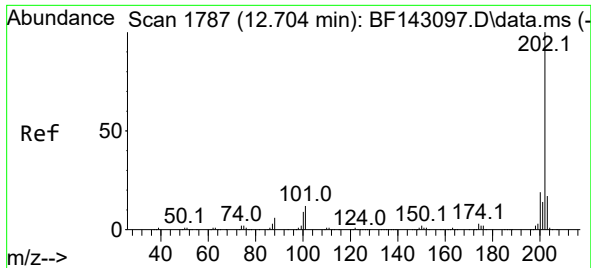
Ion Ratio Lower Upper

167 100

166 14.1 17.0 25.4#

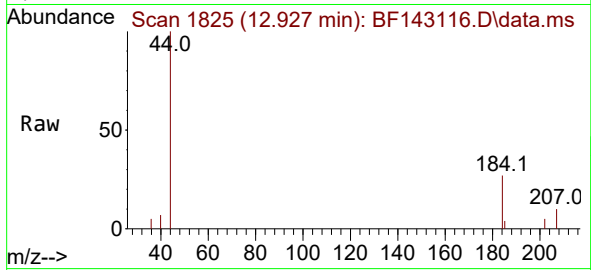
139 2.2 10.2 15.4#



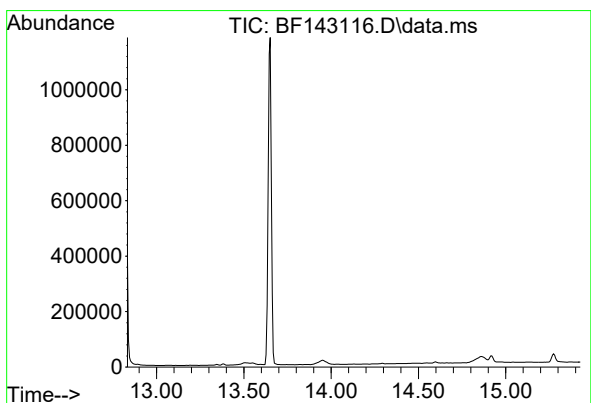
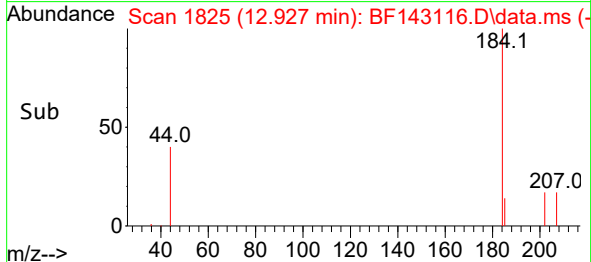
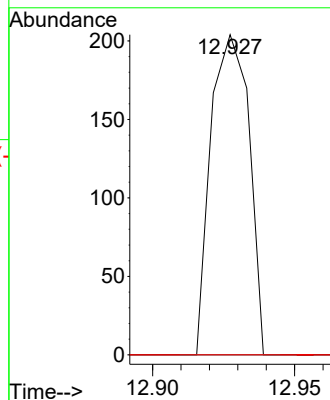


#75
 Fluoranthene
 Concen: 4.330 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.223 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Instrument :
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 ClientSampleId :
 DFTPP

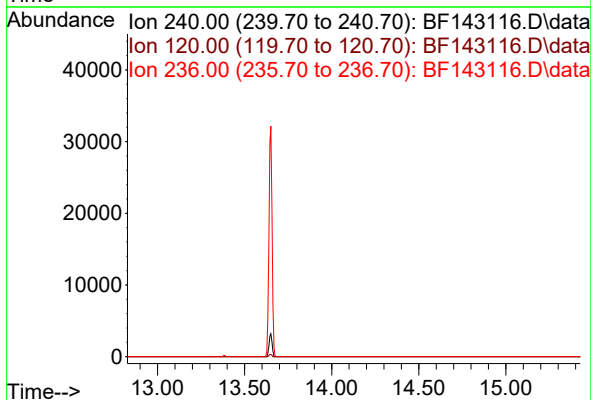


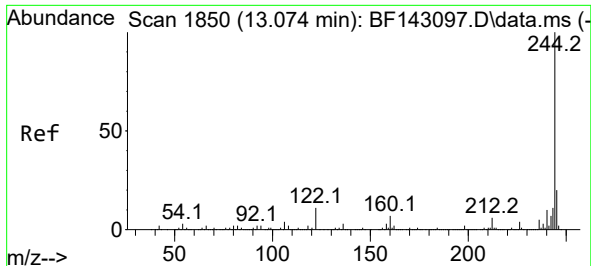
Tgt Ion:	202	Resp:	191
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	32.4
203	0.0	0.0	37.4



#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 14.13 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

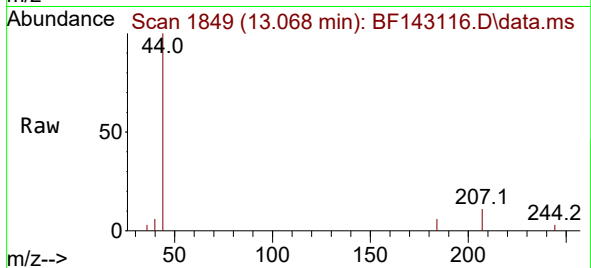
Tgt Ion:	240
Sig	Exp Ratio
240	100
120	12.5
236	25.0



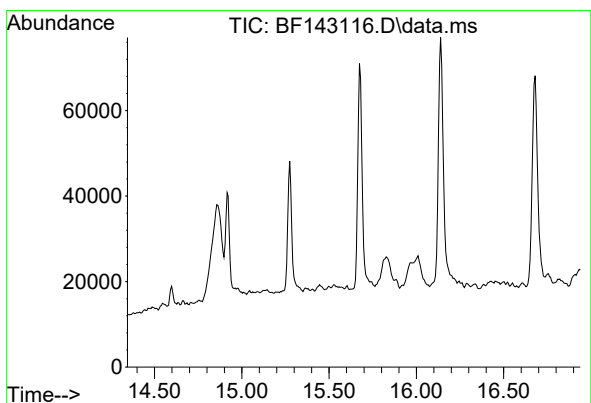
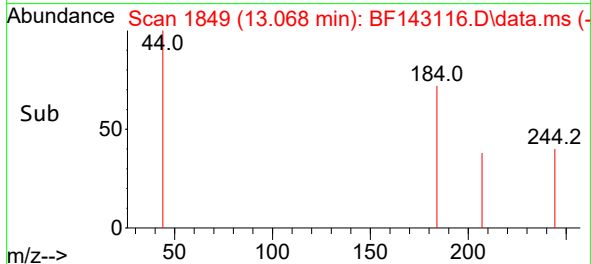
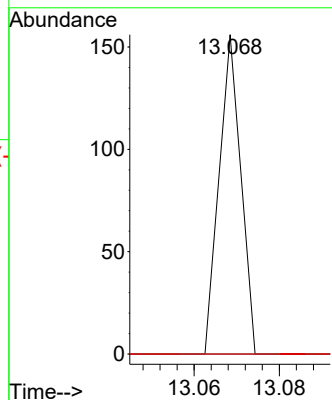


#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP



Tgt Ion: 244 Resp: 55
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.2 7.8#
 122 0.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.64 min

Lab File: BF143116.D
 Acq: 16 Jul 2025 19:09

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.1
 265 21.9

