

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143416.D
 Acq On : 15 Aug 2025 14:29
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 15 18:24:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

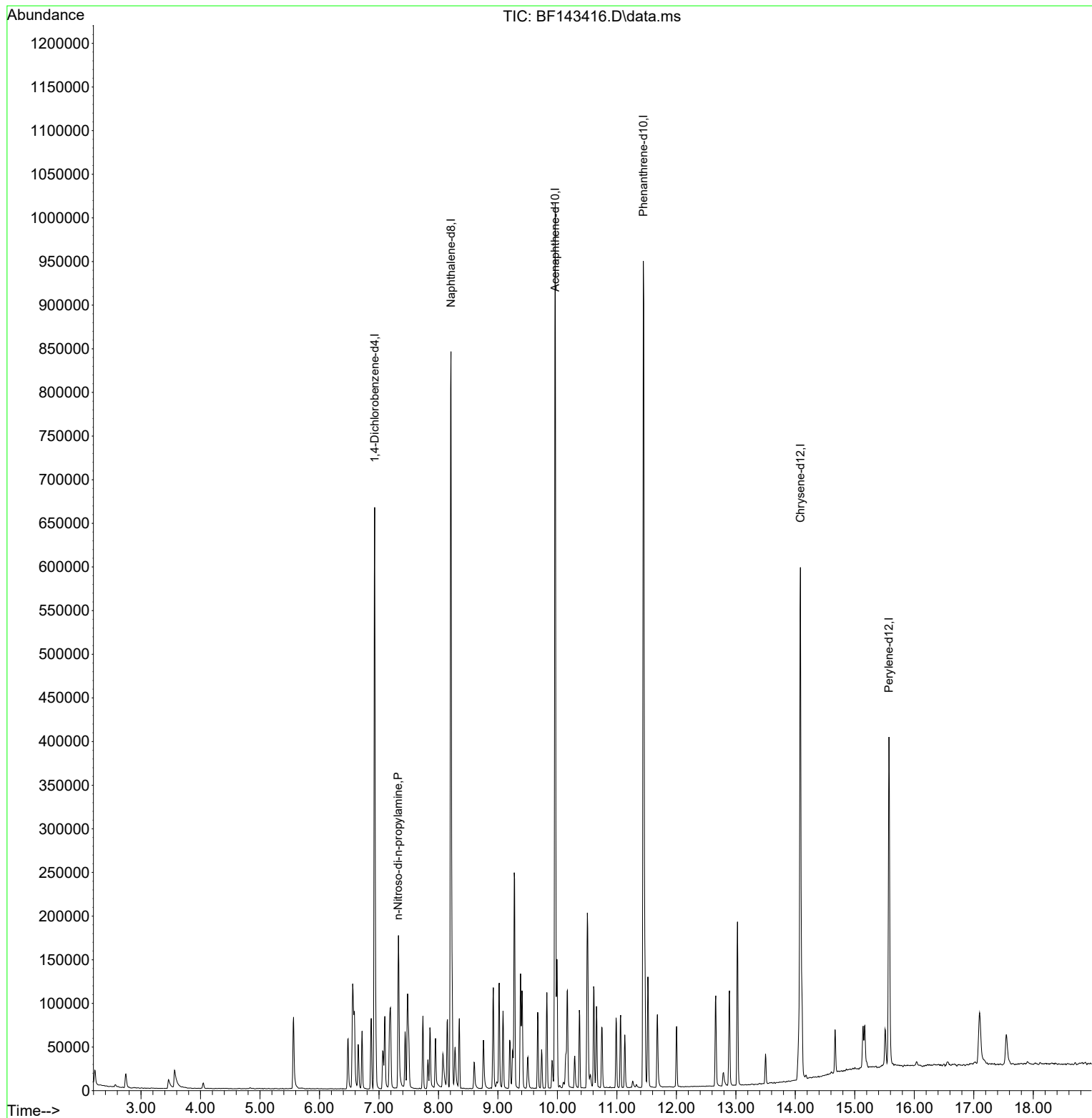
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137517	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	527812	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	297167	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	489144	20.000	ng	0.00
76) Chrysene-d12	14.086	240	273482	20.000	ng	0.00
86) Perylene-d12	15.574	264	231757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	16577	2.686	ng	Qvalue 98

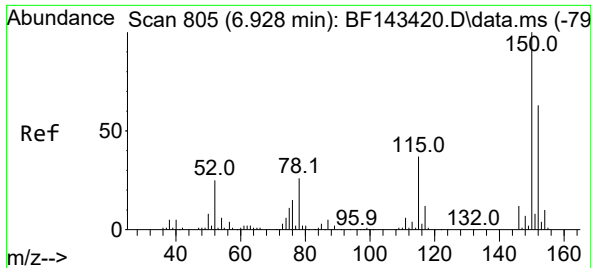
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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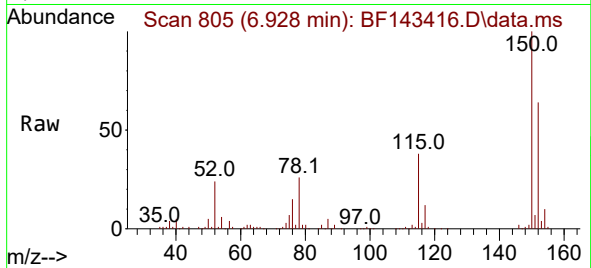
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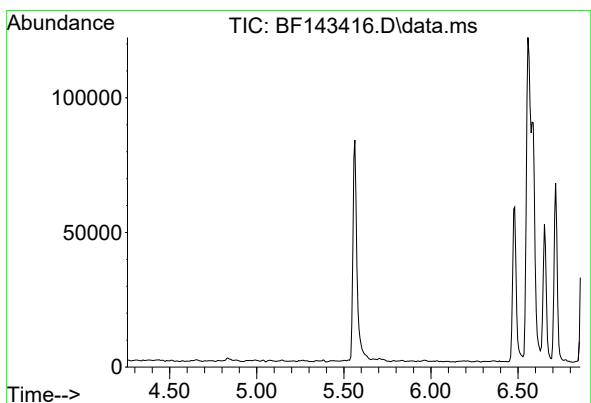
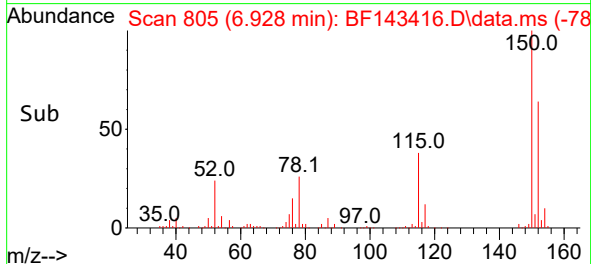
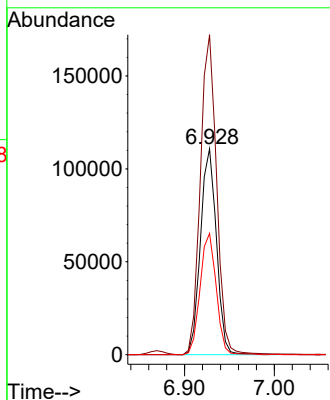


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



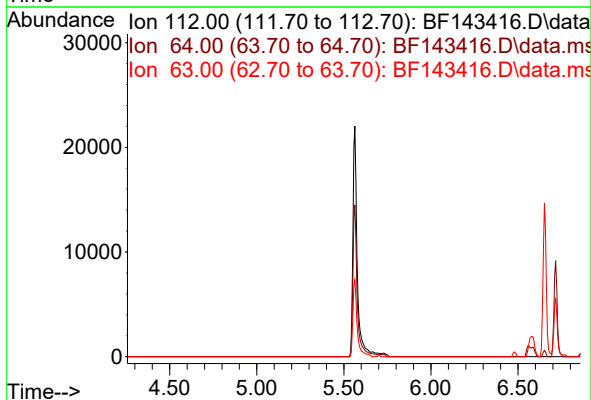
Tgt Ion:152 Resp: 137517
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.4 191.2
 115 58.9 47.5 71.3

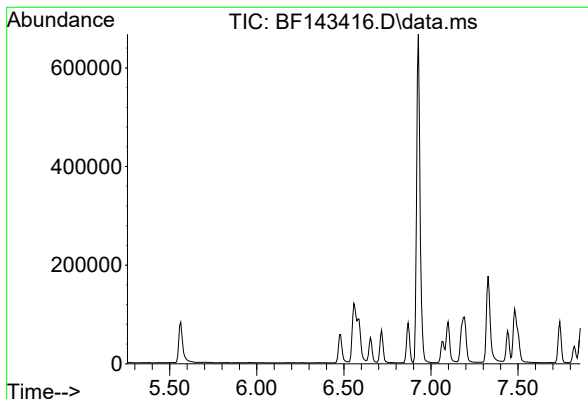


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.56 min

Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 65.2
 63 33.8



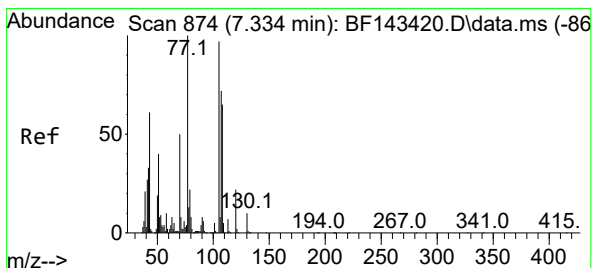
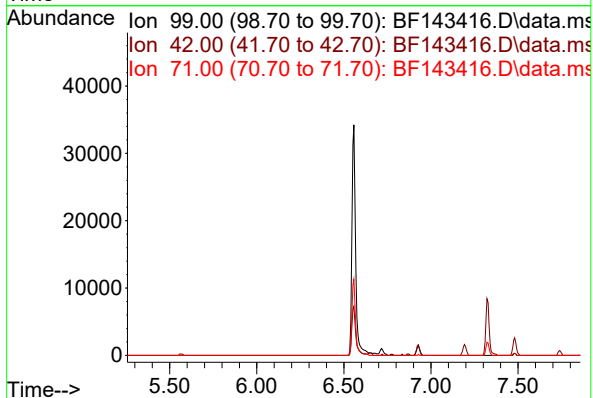


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.56 min
 Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

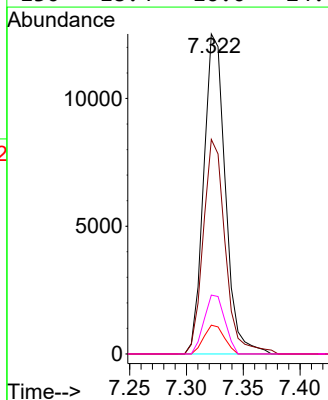
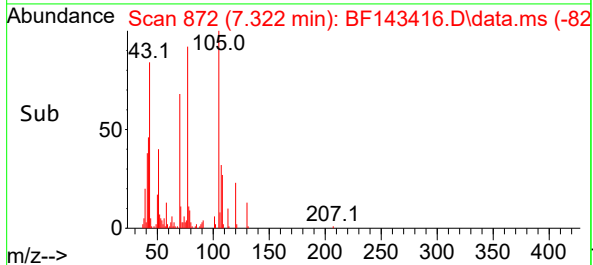
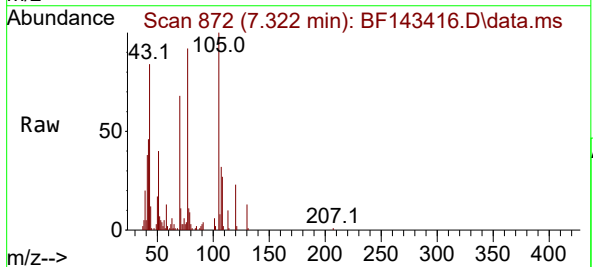
Sig	Exp Ratio
99	100
42	21.3
71	34.3

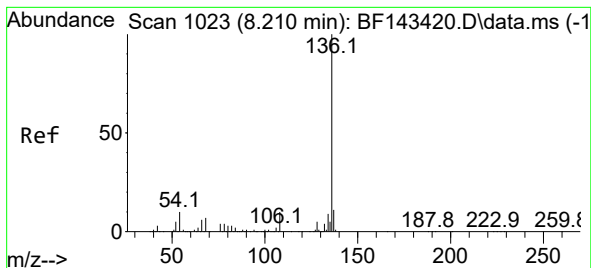


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.686 ng
 RT: 7.322 min Scan# 872
 Delta R.T. -0.012 min
 Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Tgt Ion: 70 Resp: 16577

Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.5	78.7
101	9.0	7.9	11.9
130	18.4	16.0	24.0

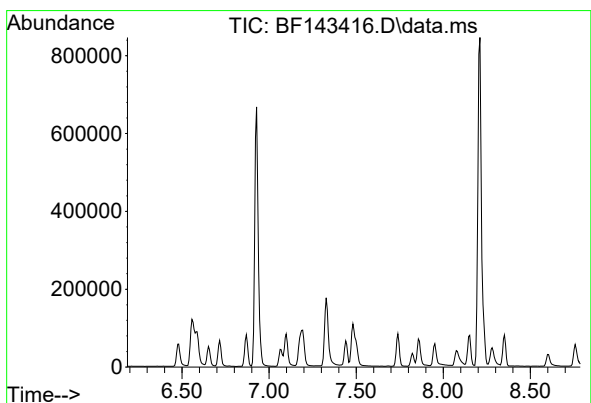
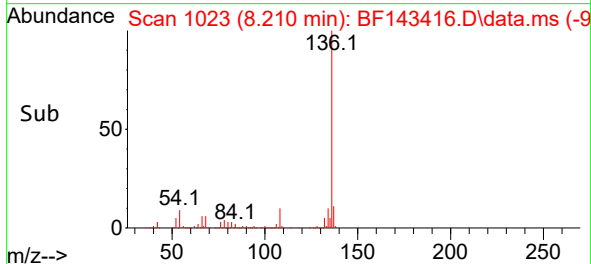
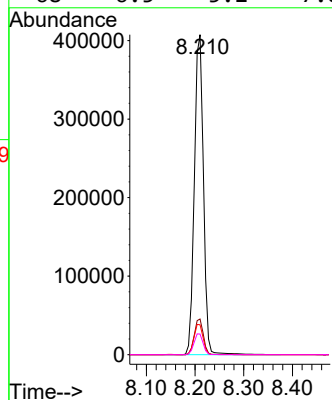
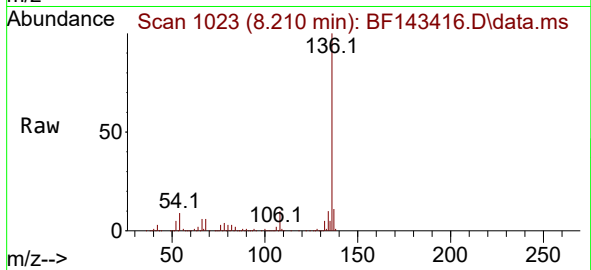




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF143416.D
Acq: 15 Aug 2025 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

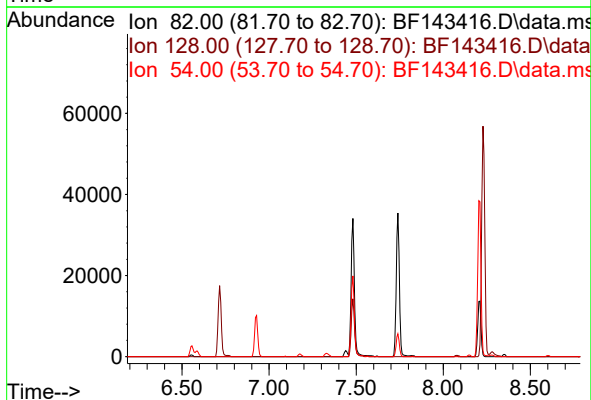
Tgt	Ion:136	Resp:	527812
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.4	7.8	11.8
68	6.5	5.2	7.8

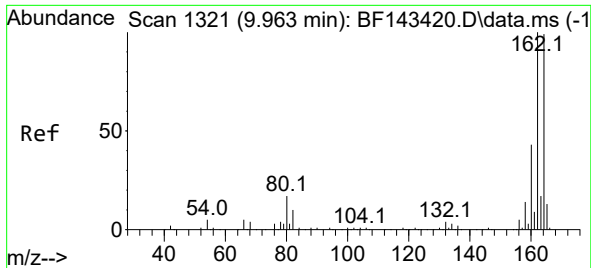


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.49 min

Lab File: BF143416.D
Acq: 15 Aug 2025 14:29

Tgt Ion: 82	
Sig	Exp Ratio
82	100
128	43.3
54	57.5

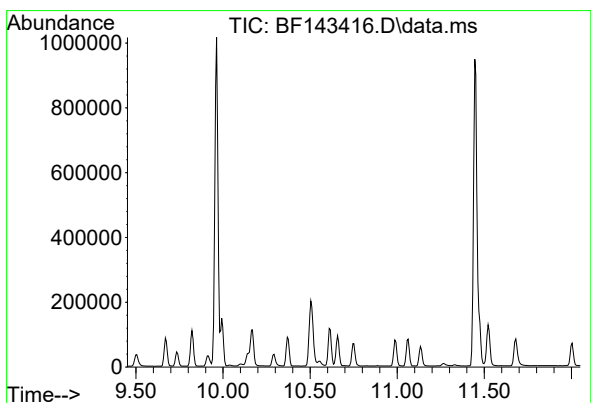
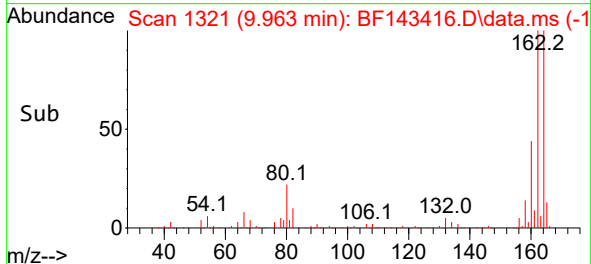
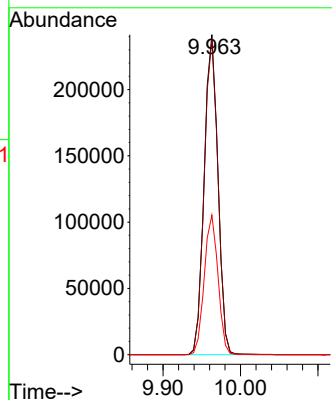
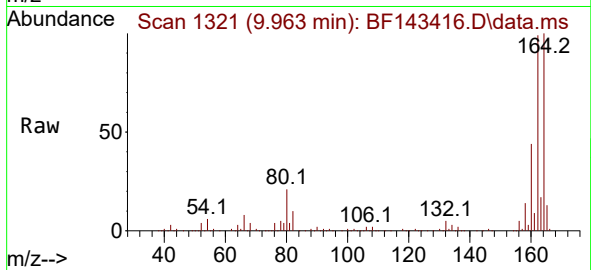




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

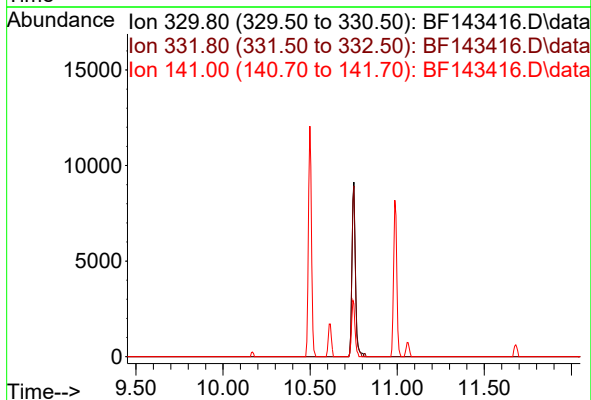
Tgt Ion:164 Resp: 297167
 Ion Ratio Lower Upper
 164 100
 162 98.5 80.6 121.0
 160 43.6 34.6 51.8

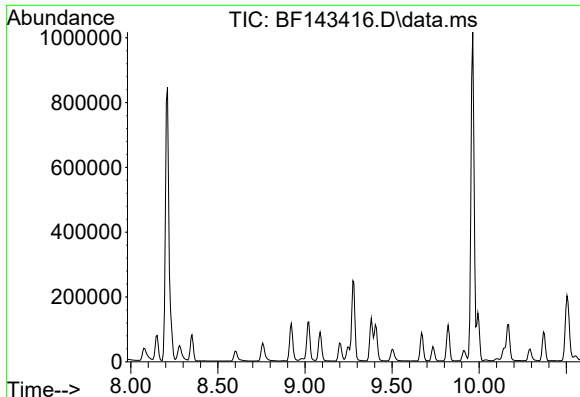


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.75 min

Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 30.1





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.28 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

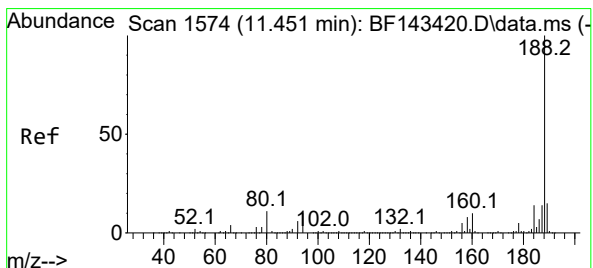
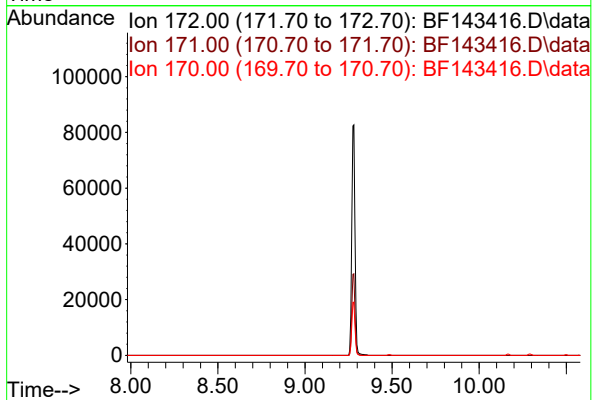
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.9

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

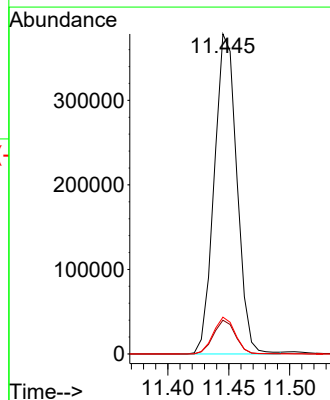
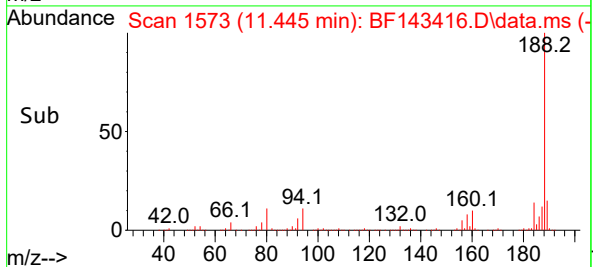
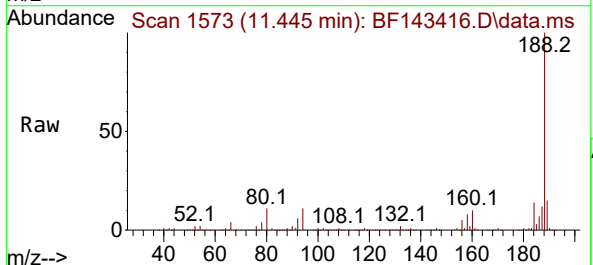
Tgt Ion:188 Resp: 489144

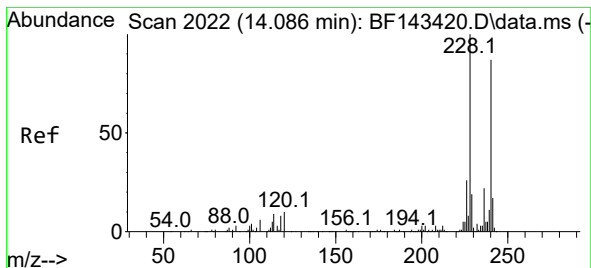
Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

80 11.5 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

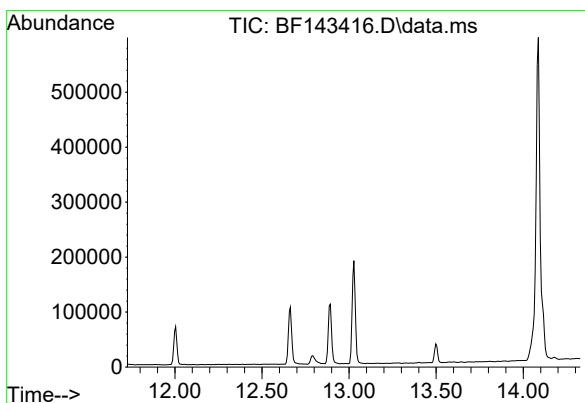
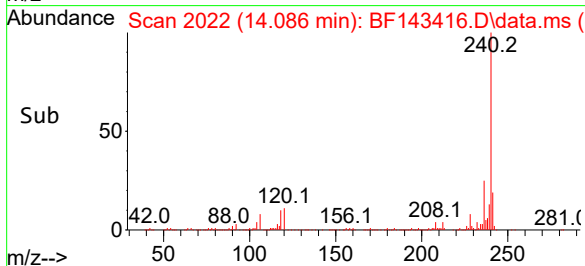
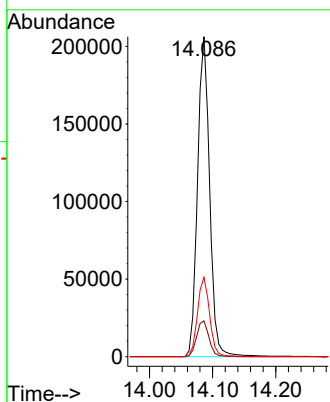
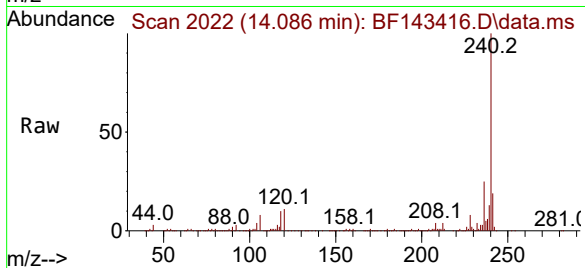
Tgt Ion:240 Resp: 273482

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 24.8 20.2 30.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.03 min

Lab File: BF143416.D

Acq: 15 Aug 2025 14:29

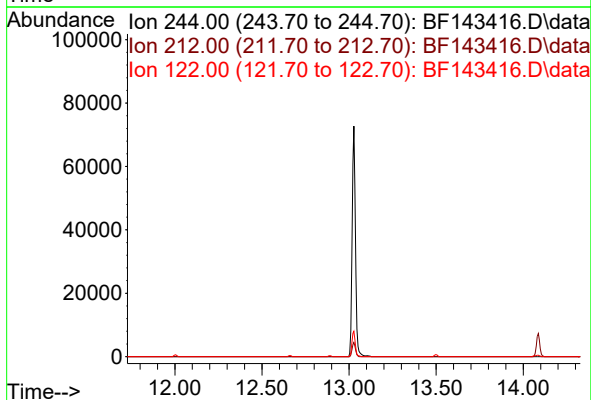
Tgt Ion: 244

Sig Exp Ratio

244 100

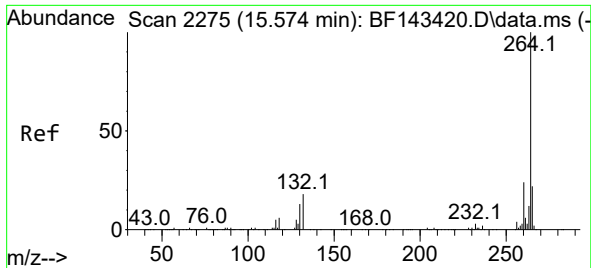
212 6.5

122 10.4



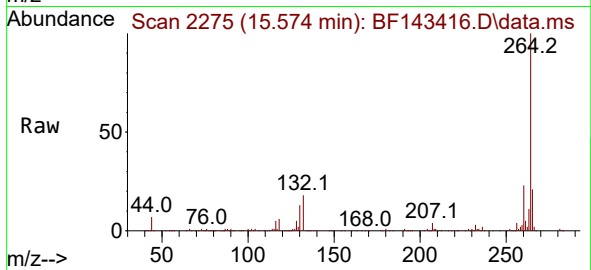
Ion 212.00 (211.70 to 212.70): BF143416.D\data

Ion 122.00 (121.70 to 122.70): BF143416.D\data



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143416.D
 Acq: 15 Aug 2025 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



Tgt Ion:264 Resp: 231757

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.2	17.4	26.0

