

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144169.D
 Acq On : 05 Nov 2025 12:50
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

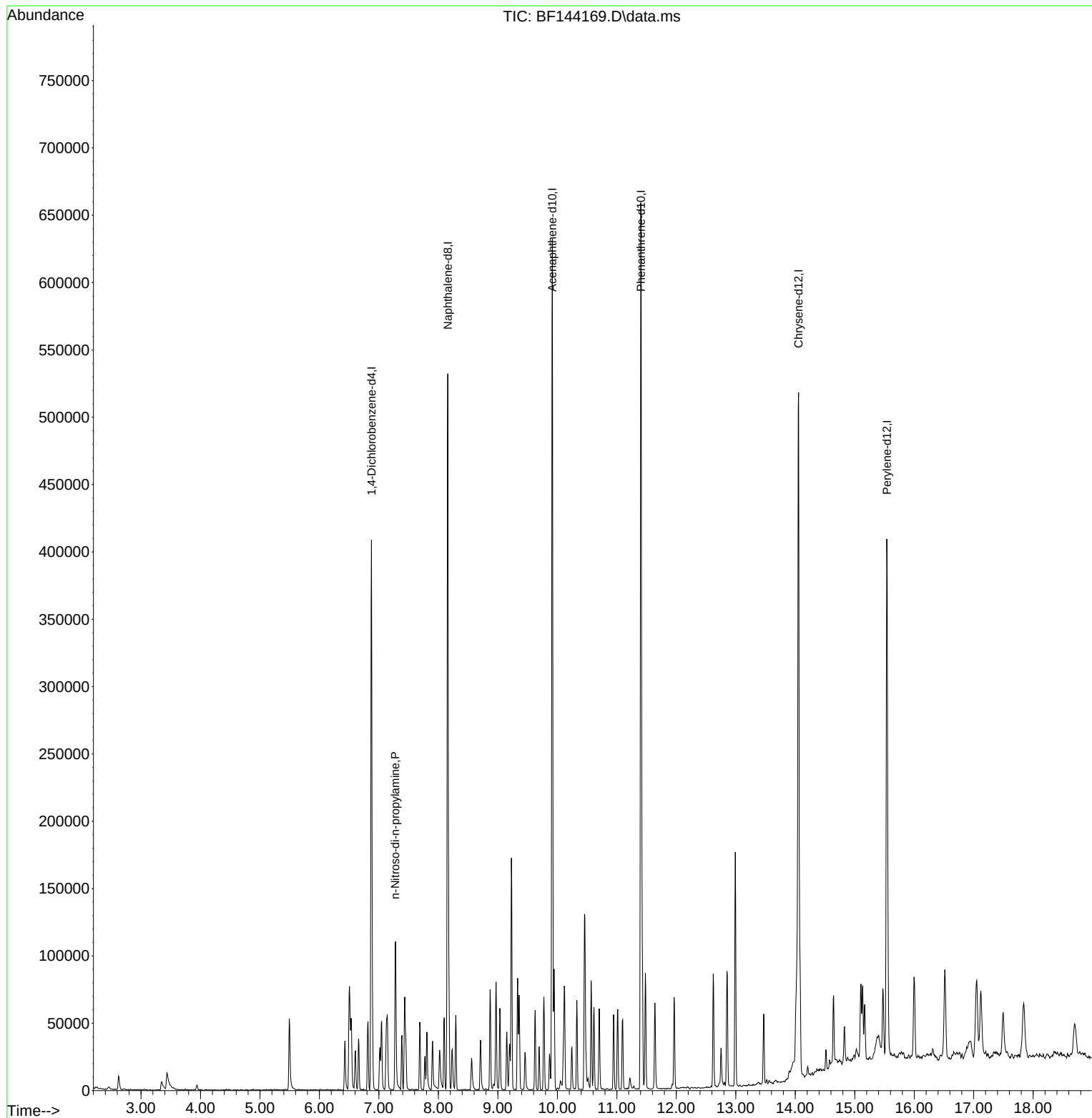
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	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...	7.275	70	10629	2.616	ng	Qvalue # 98

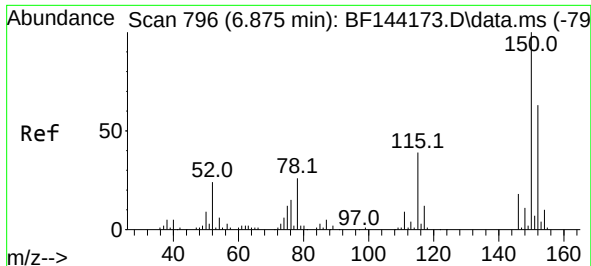
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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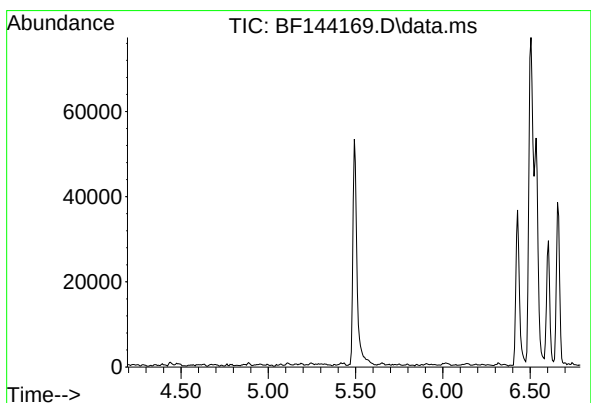
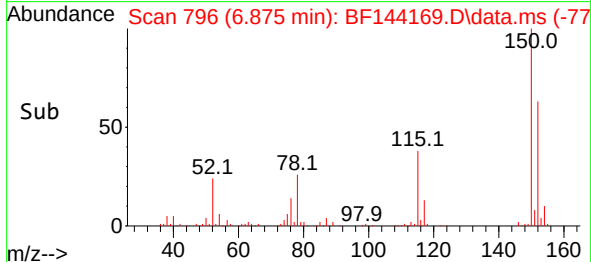
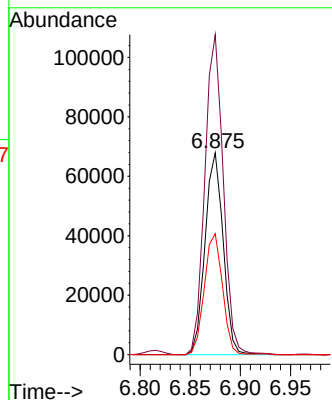
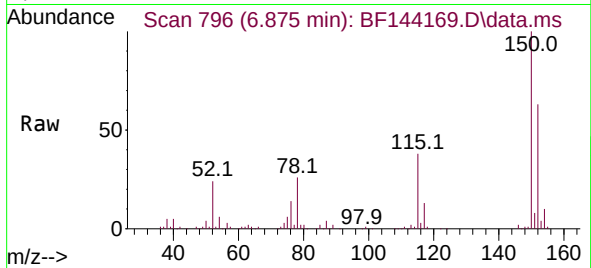




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

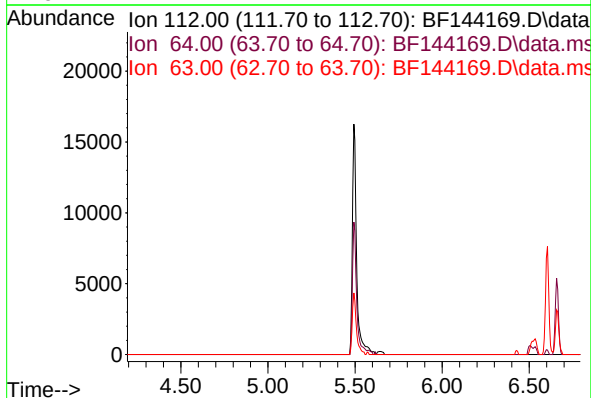
Tgt Ion:152 Resp: 85230
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.4 191.0
 115 59.9 49.5 74.3

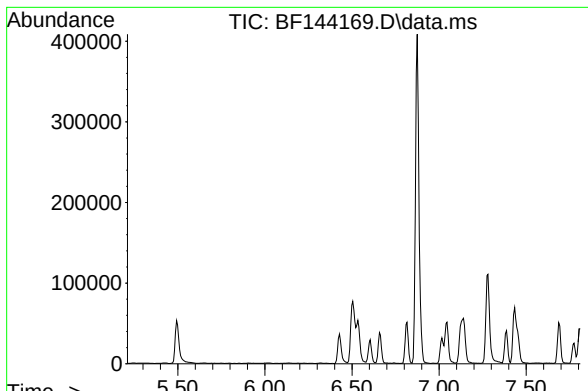


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min

Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.0
 63 30.5



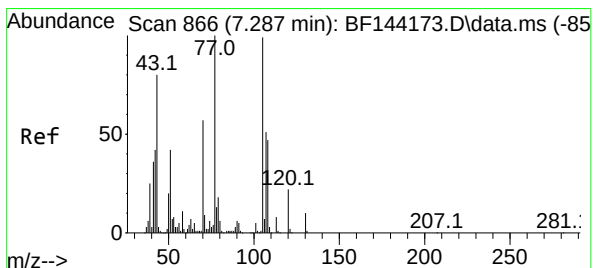
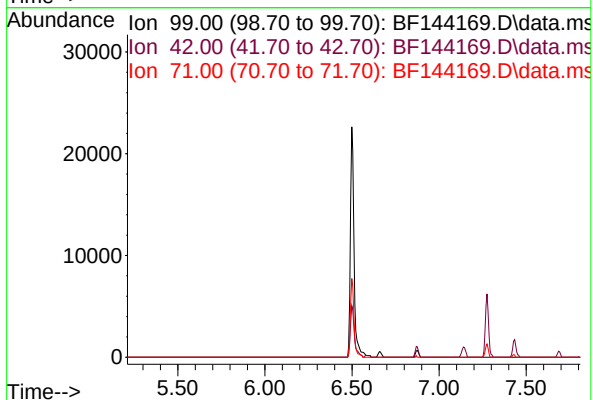


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.51 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

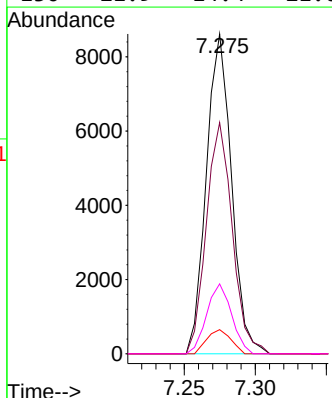
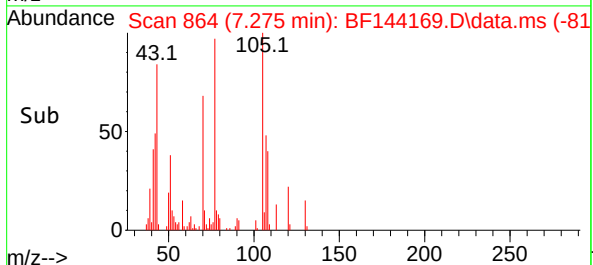
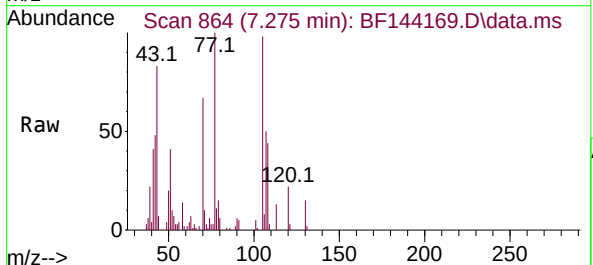
Sig	Exp Ratio
99	100
42	26.1
71	39.3

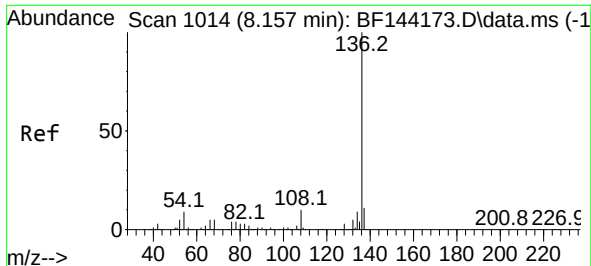


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.616 ng
 RT: 7.275 min Scan# 864
 Delta R.T. -0.023 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629

Ion	Ratio	Lower	Upper
70	100		
42	72.3	58.3	87.5
101	7.6	7.0	10.6
130	21.9	14.4	21.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

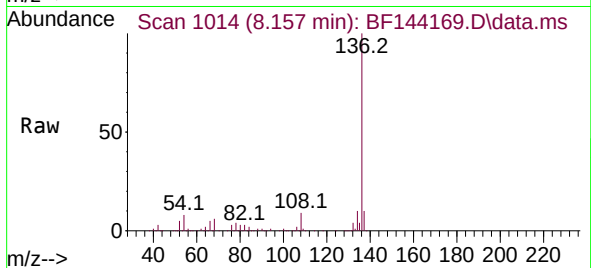
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

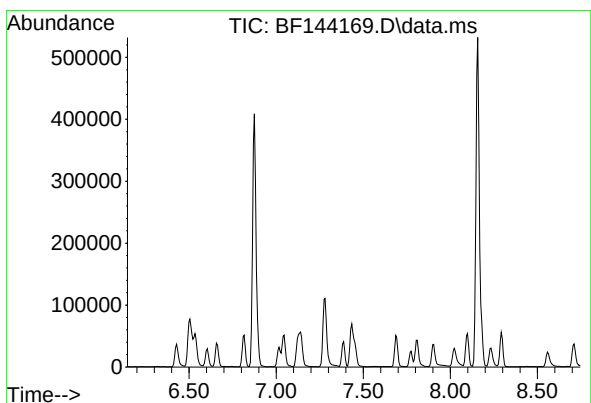
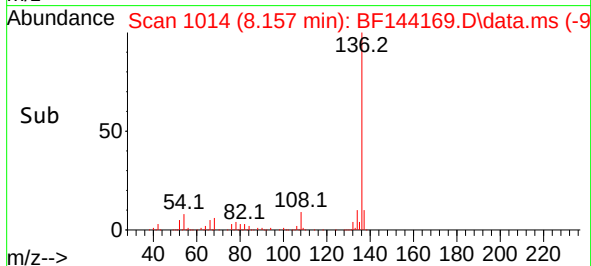
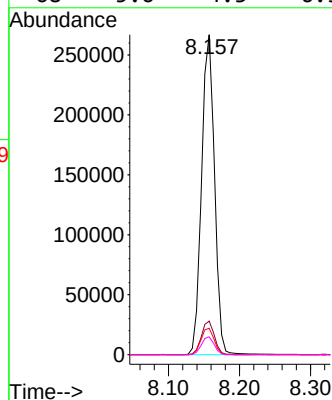
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

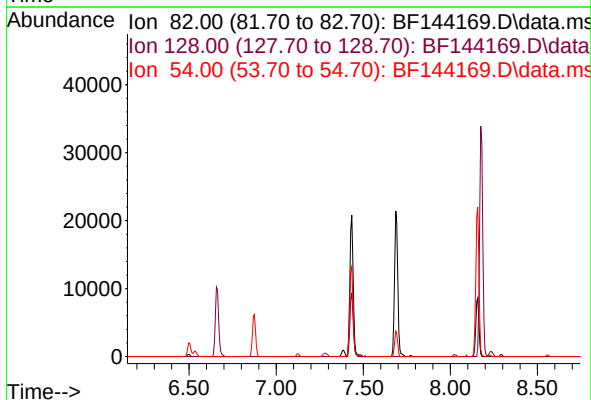
Tgt Ion: 82

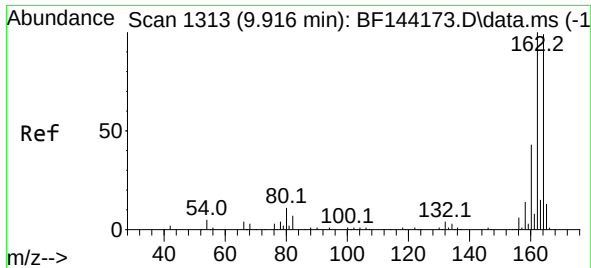
Sig Exp Ratio

82 100

128 43.4

54 61.9

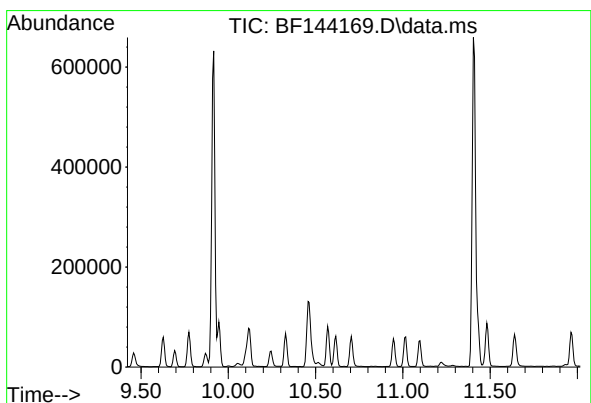
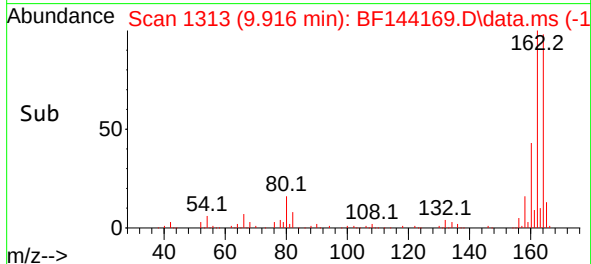
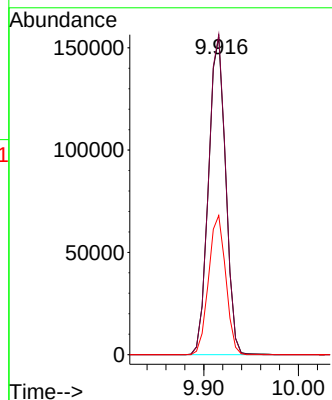
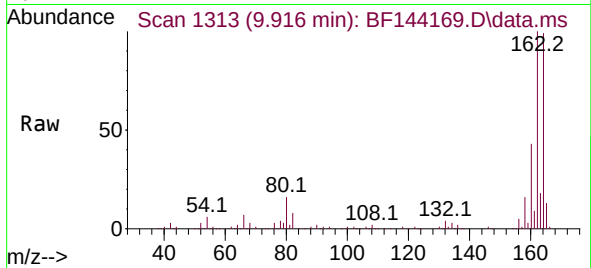




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

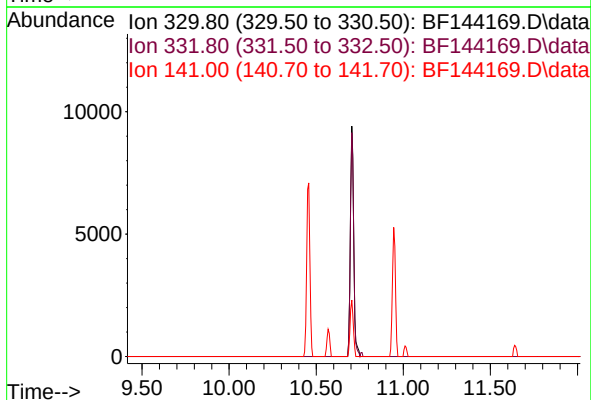
Tgt Ion:164 Resp: 195513
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.1 121.7
 160 43.9 34.5 51.7

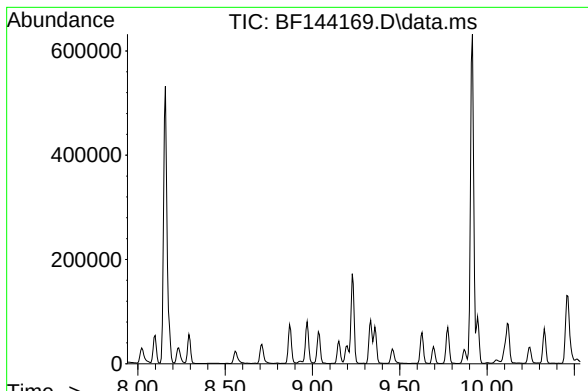


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.72 min

Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.9
 141 22.3



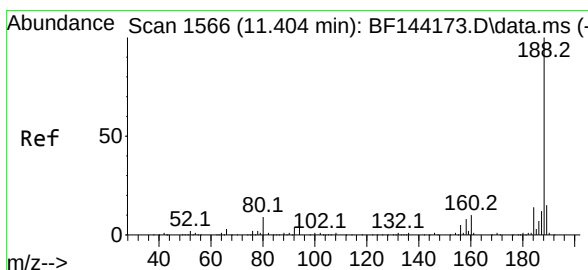
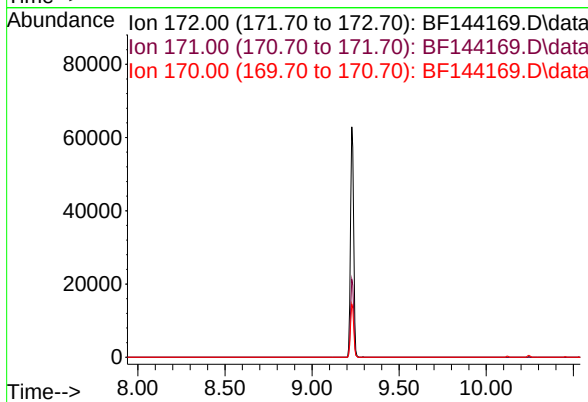


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Instrument : BNA_F
 ClientSampleId : SSTDICC2.5

Tgt Ion: 172

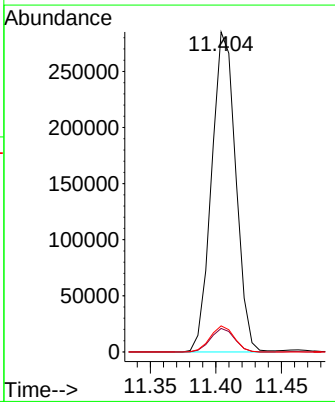
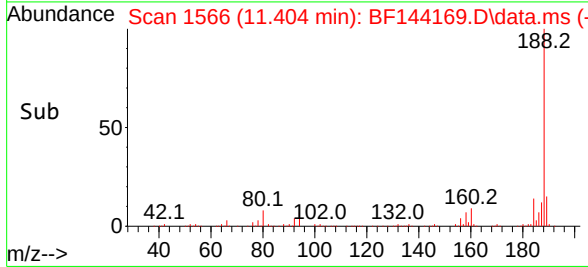
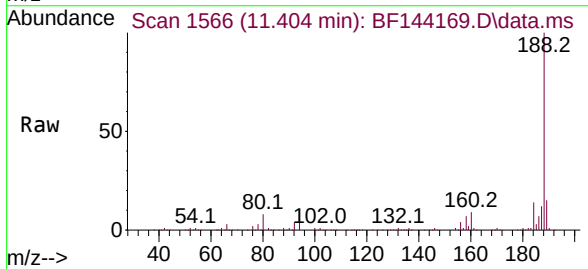
Sig	Exp Ratio
172	100
171	35.1
170	23.3

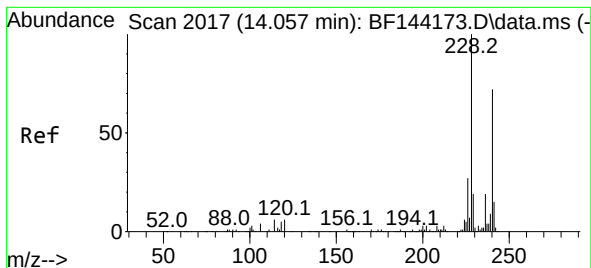


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BF144169.D
 Acq: 05 Nov 2025 12:50

Tgt Ion: 188 Resp: 365872

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.2	6.9	10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

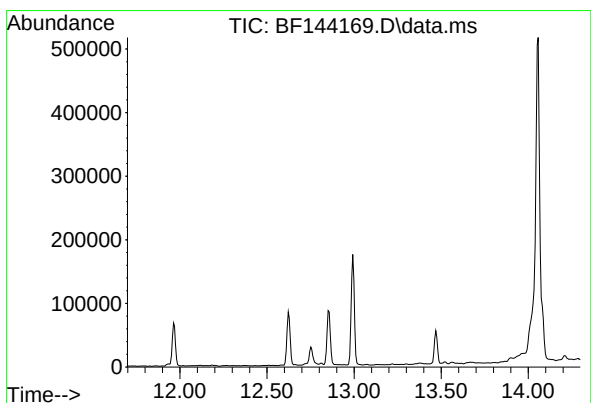
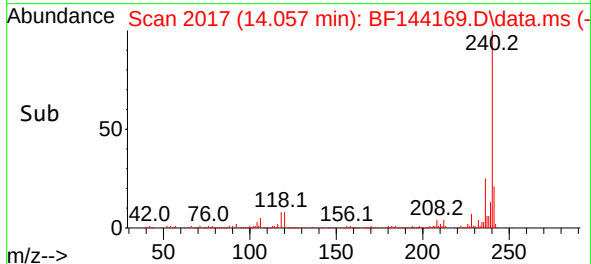
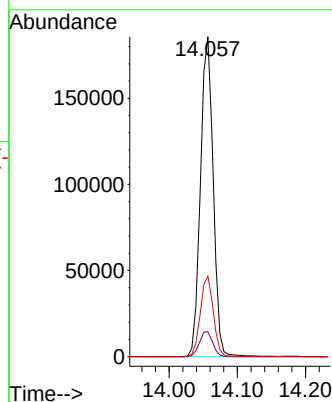
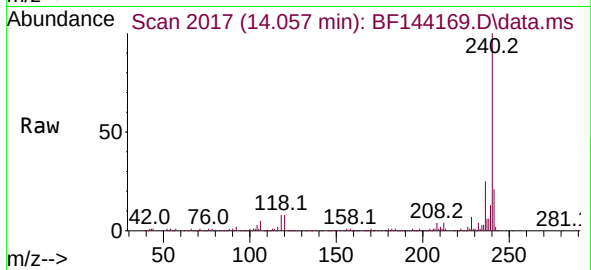
Tgt Ion:240 Resp: 241412

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

236 25.1 21.4 32.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

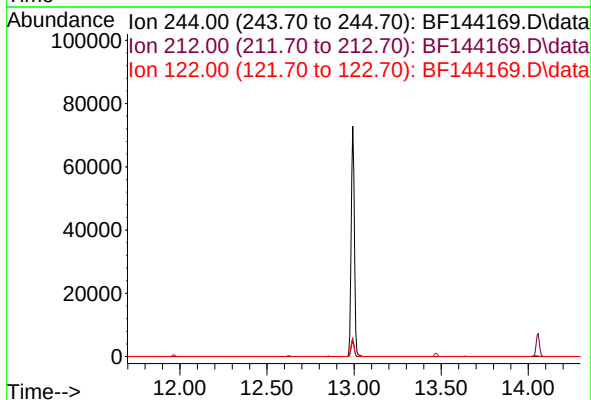
Tgt Ion: 244

Sig Exp Ratio

244 100

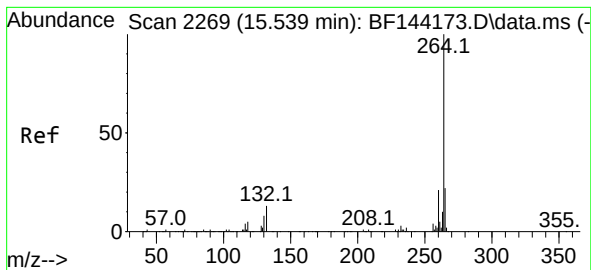
212 6.6

122 7.0



Ion 212.00 (211.70 to 212.70): BF144169.D\data

Ion 122.00 (121.70 to 122.70): BF144169.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

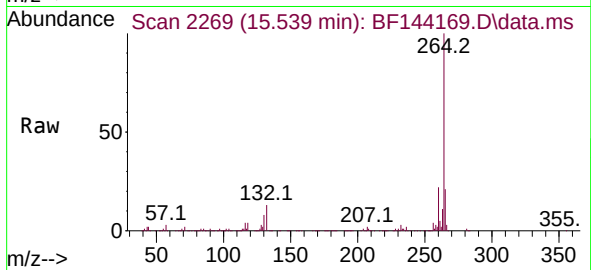
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 241479

Ion Ratio Lower Upper

264 100

260 22.2 17.1 25.7

265 20.9 17.4 26.0

