

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144056.D
 Acq On : 24 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Oct 24 17:00:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

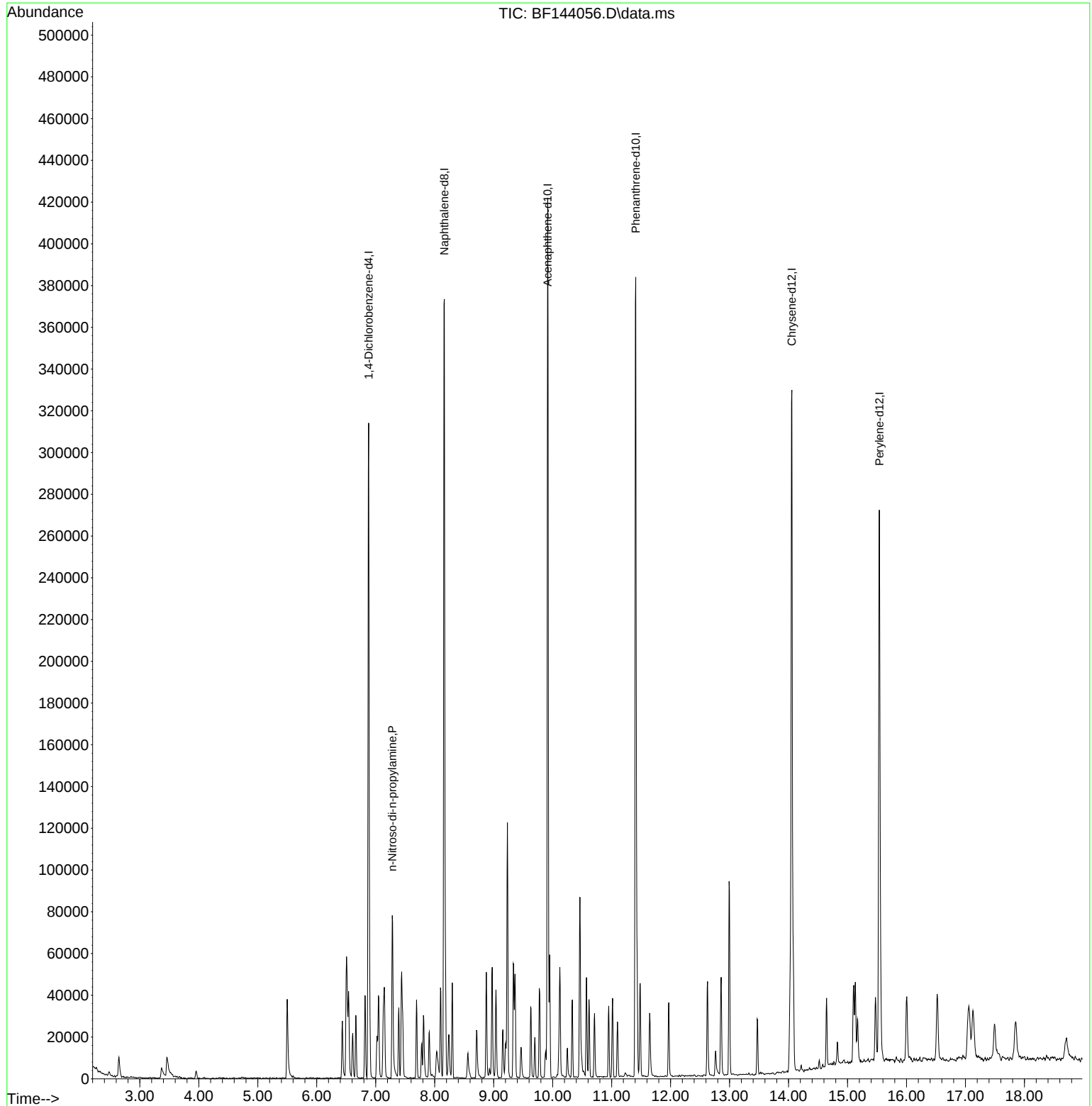
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63395	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	236986	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128411	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216866	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165196	20.000	ng	0.00
86) Perylene-d12	15.539	264	182261	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...	7.281	70	7133	2.493	ng	Qvalue 97

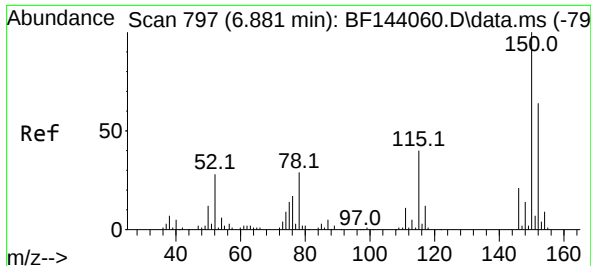
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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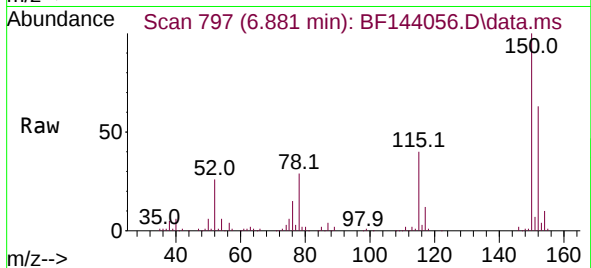
Quant Time: Oct 24 17:00:17 2025
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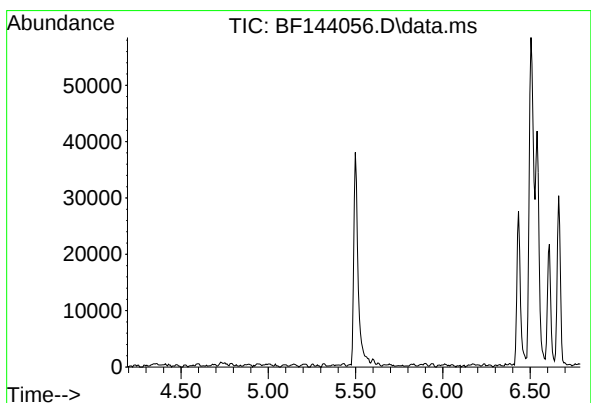
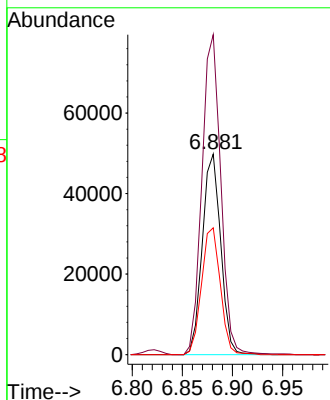
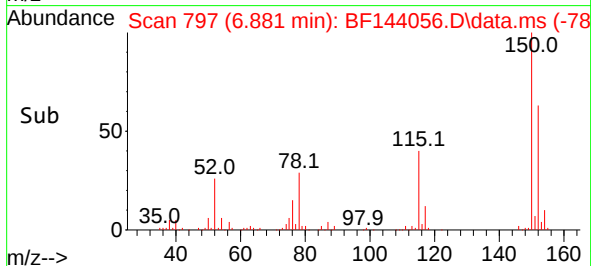


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



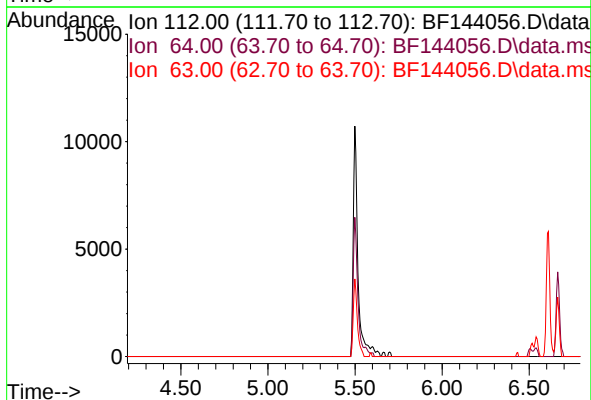
Tgt Ion:152 Resp: 63395
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.4 186.6
 115 63.2 49.4 74.0

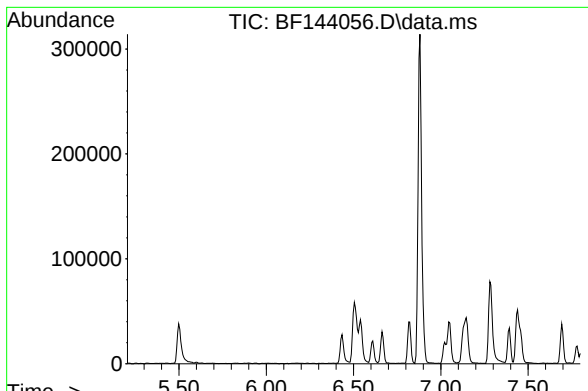


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min

Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.3
 63 34.3



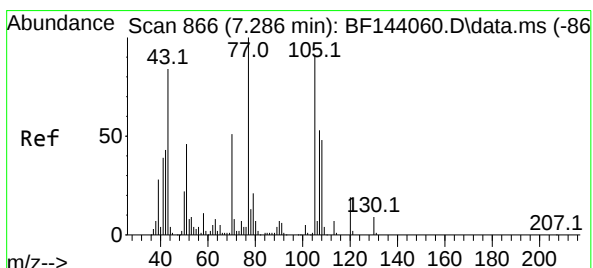
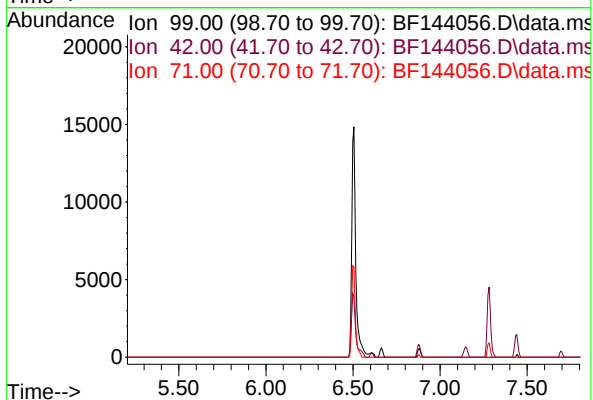


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.50 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

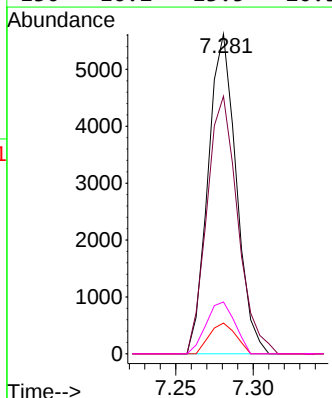
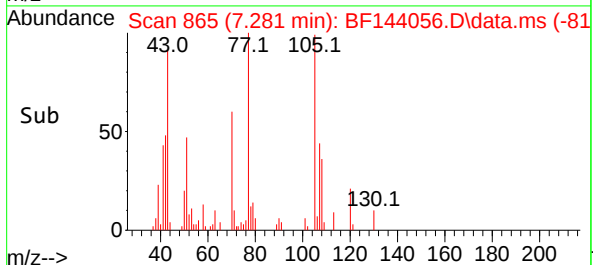
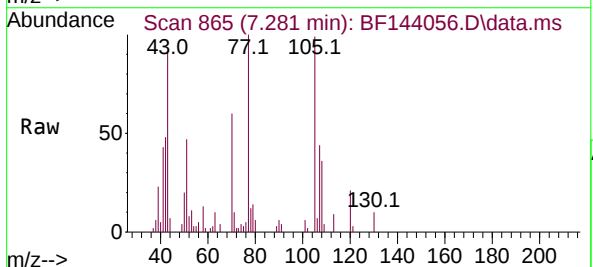
Sig	Exp Ratio
99	100
42	29.9
71	43.0

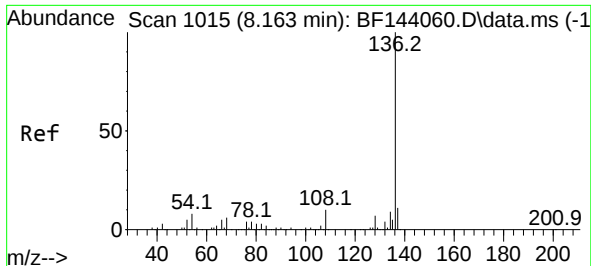


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.493 ng
 RT: 7.281 min Scan# 865
 Delta R.T. -0.006 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Tgt Ion: 70 Resp: 7133

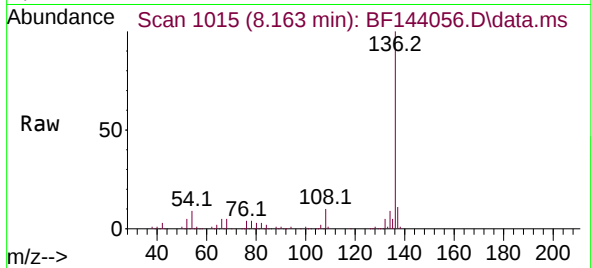
Ion	Ratio	Lower	Upper
70	100		
42	80.5	67.4	101.0
101	9.6	7.1	10.7
130	16.2	13.5	20.3



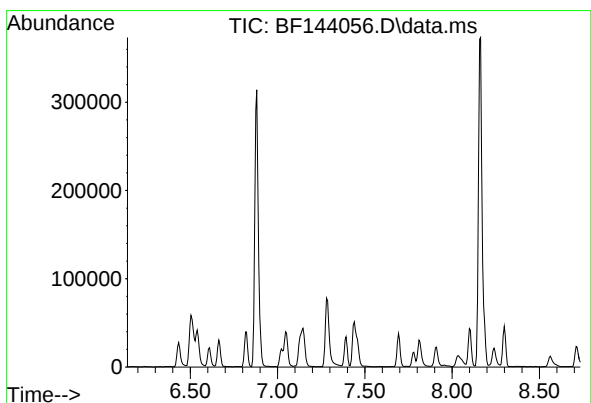
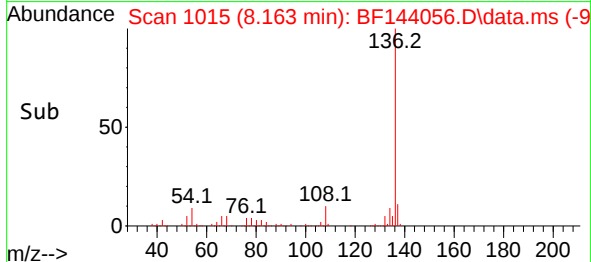
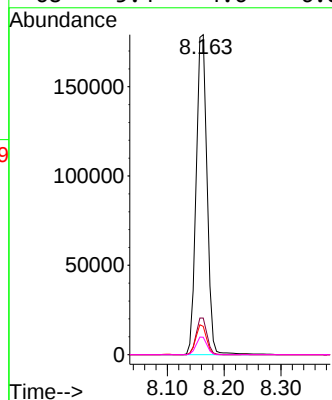


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



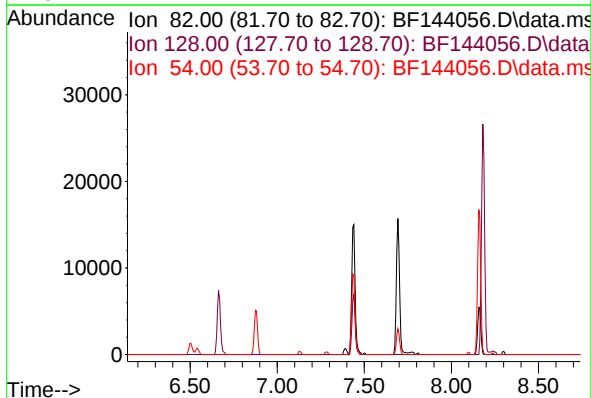
Tgt Ion:136 Resp: 236986
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.8 6.6 9.8
68 5.4 4.6 6.8

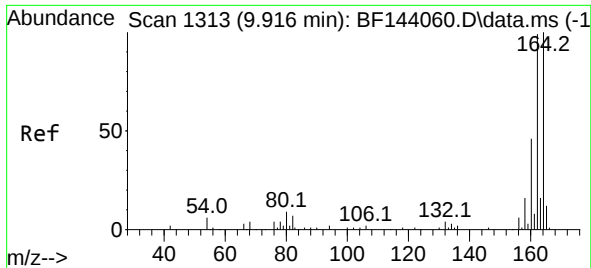


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.44 min

Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

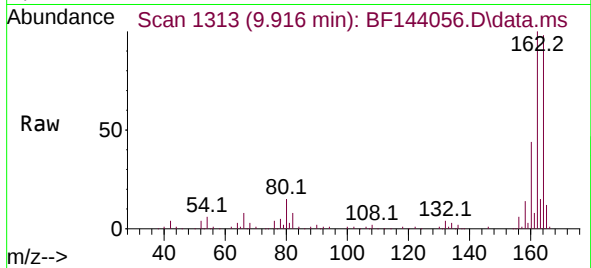
Tgt Ion: 82
Sig Exp Ratio
82 100
128 40.5
54 67.5



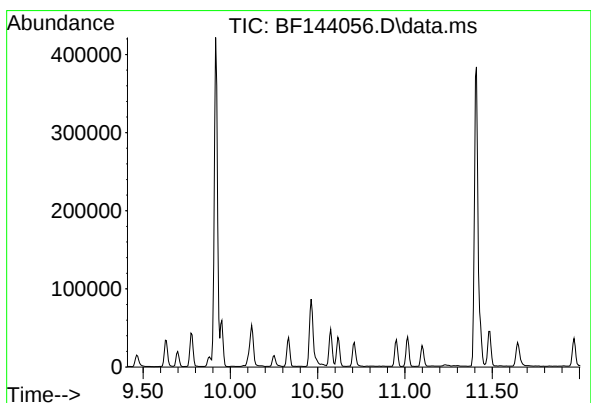
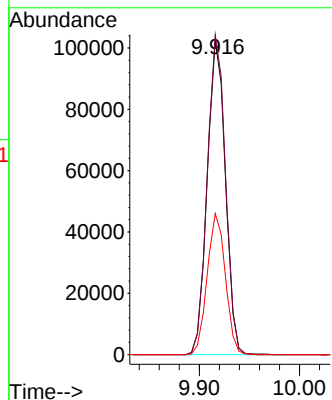
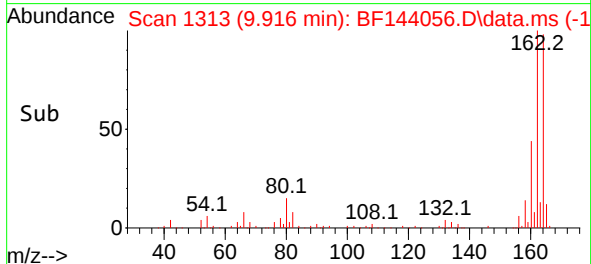


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



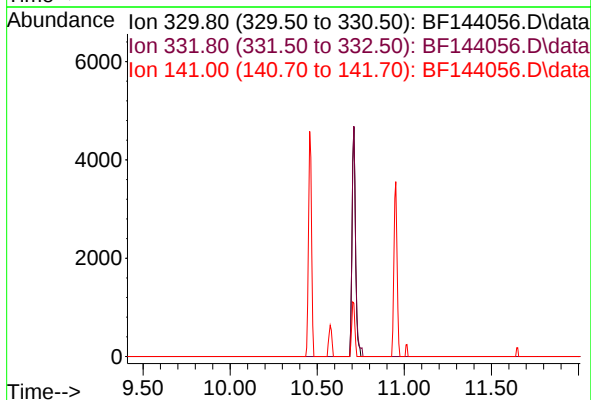
Tgt Ion:164 Resp: 128411
 Ion Ratio Lower Upper
 164 100
 162 102.0 79.4 119.2
 160 44.9 36.7 55.1

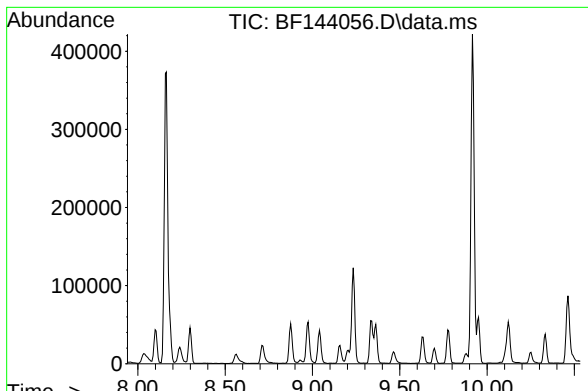


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.71 min

Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 24.2



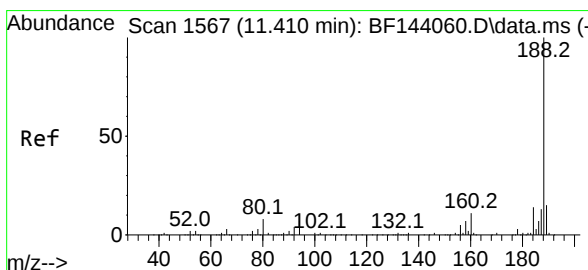
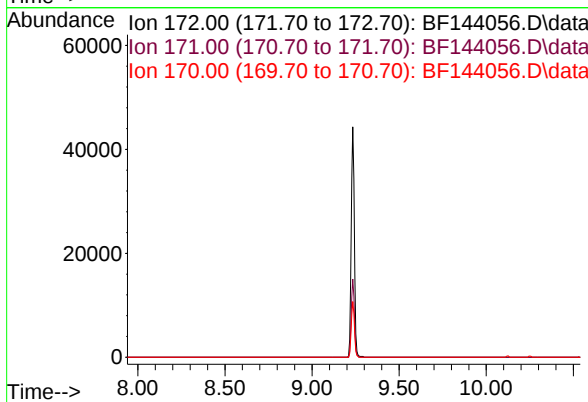


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

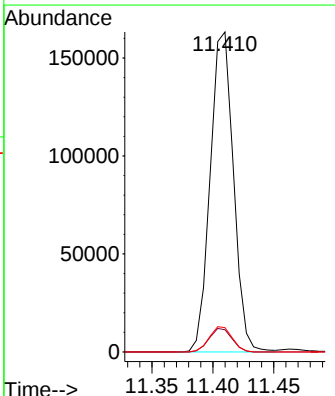
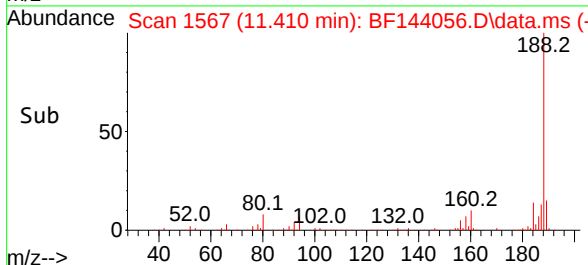
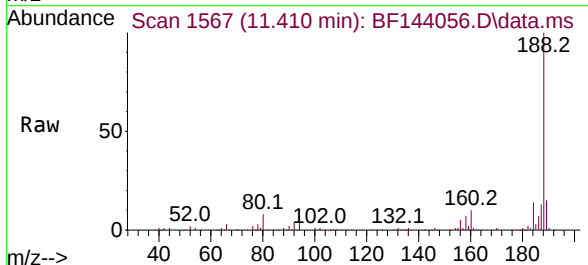
Sig	Exp Ratio
172	100
171	34.4
170	23.8

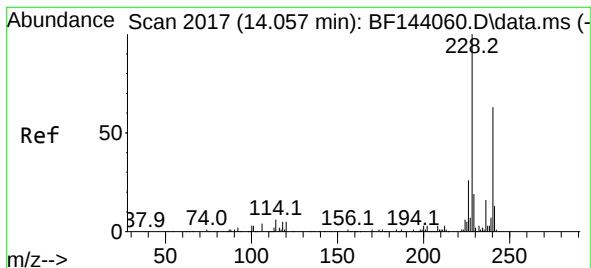


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1567
 Delta R.T. 0.000 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Tgt Ion: 188 Resp: 216866

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.0
80	7.6	6.0	9.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

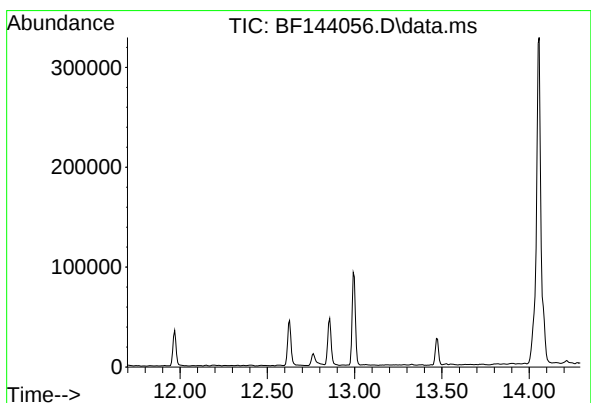
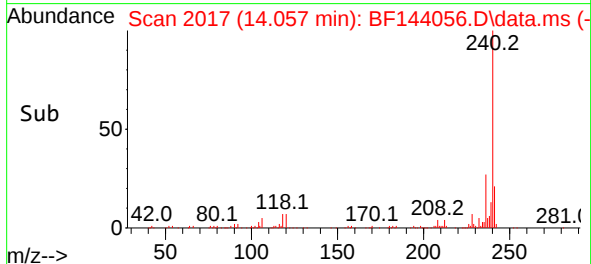
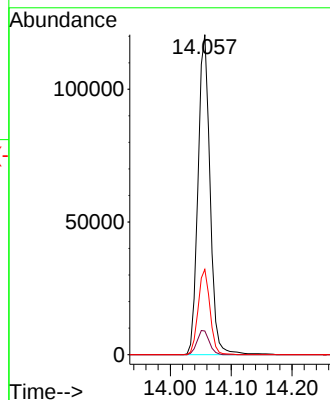
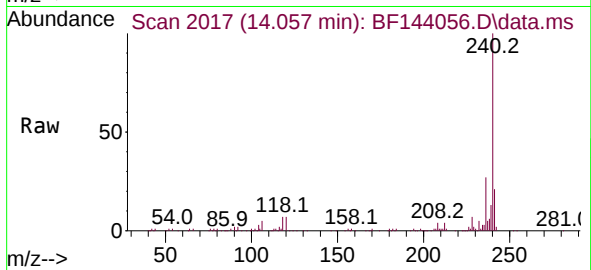
Tgt Ion:240 Resp: 165196

Ion Ratio Lower Upper

240 100

120 7.4 6.5 9.7

236 26.6 20.1 30.1



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

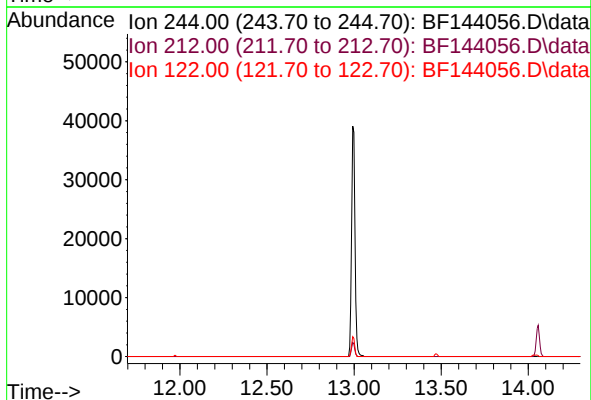
Tgt Ion: 244

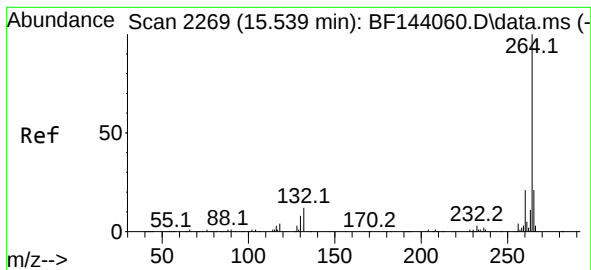
Sig Exp Ratio

244 100

212 7.2

122 6.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF144056.D
 Acq: 24 Oct 2025 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:264 Resp: 182261
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.0 25.4
 265 22.3 16.6 24.8

