

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143140.D
 Acq On : 17 Jul 2025 11:04
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 17 15:00:20 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 14:54:43 2025
 Response via : Initial Calibration

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

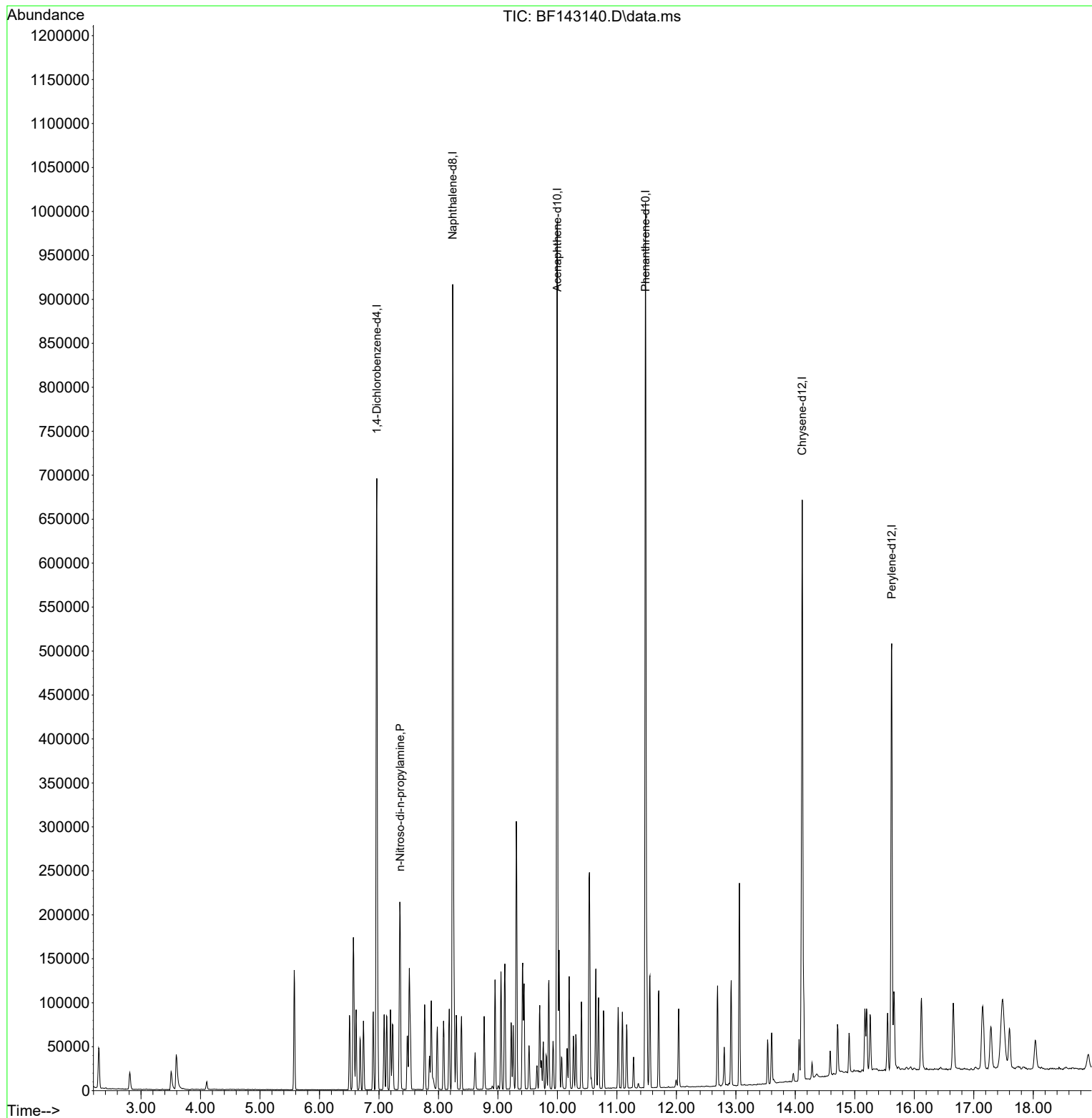
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	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...	7.357	70	19227	2.696	ng	Qvalue 96

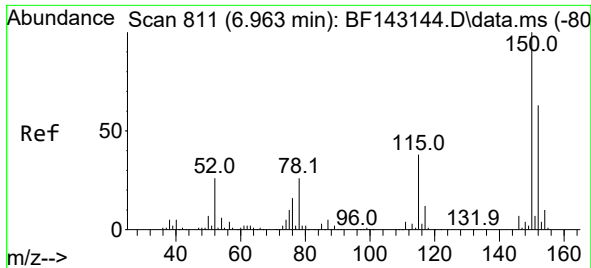
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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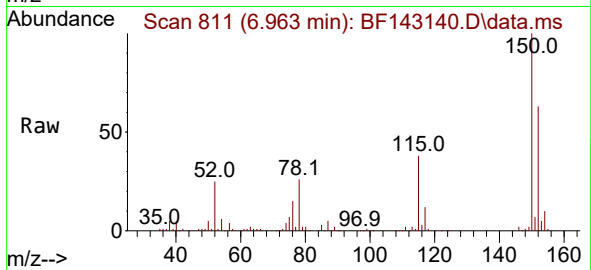
Quant Time: Jul 17 15:00:20 2025
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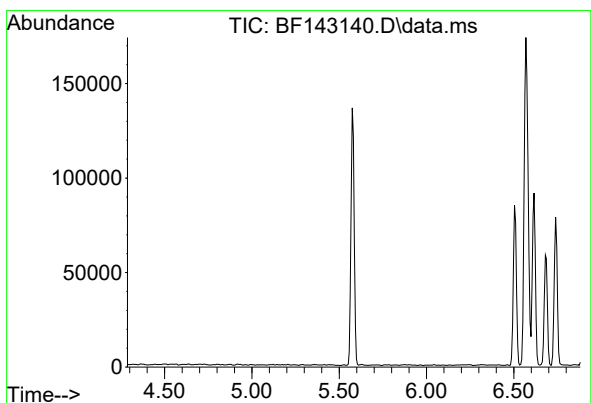
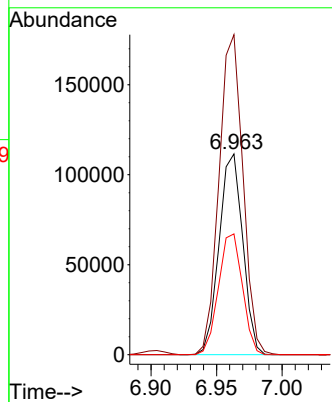
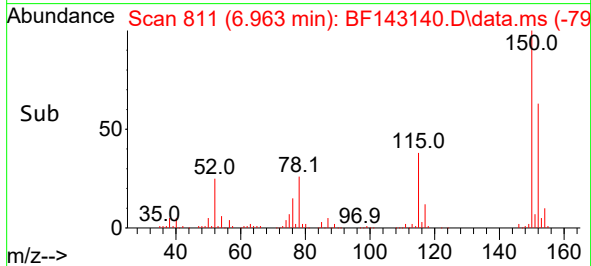


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

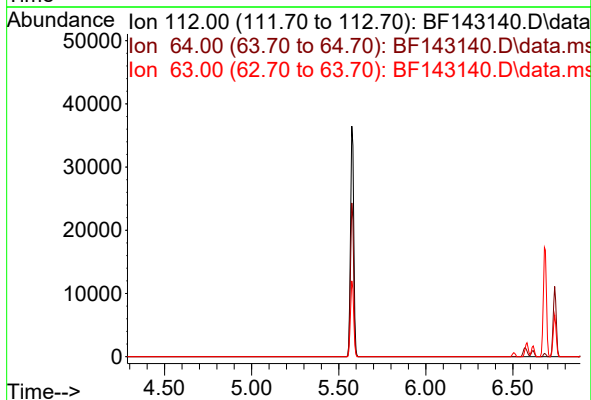


Tgt Ion:152 Resp: 139766
Ion Ratio Lower Upper
152 100
150 159.4 128.2 192.4
115 60.2 47.9 71.9

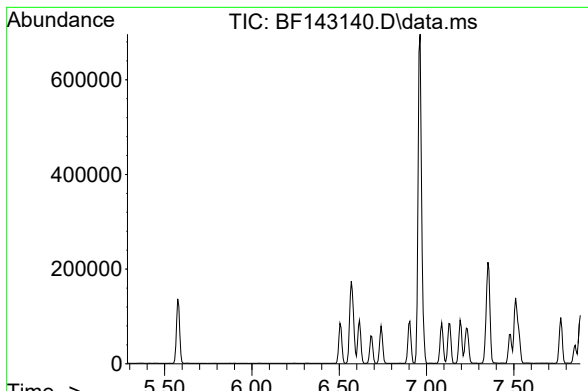


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 112
Sig Exp Ratio
112 100
64 66.4
63 33.3



Ion 64.00 (63.70 to 64.70): BF143140.D\data.ms
Ion 63.00 (62.70 to 63.70): BF143140.D\data.ms

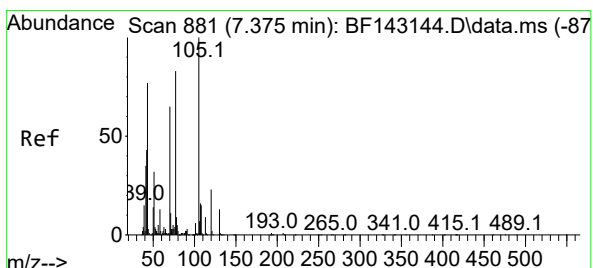
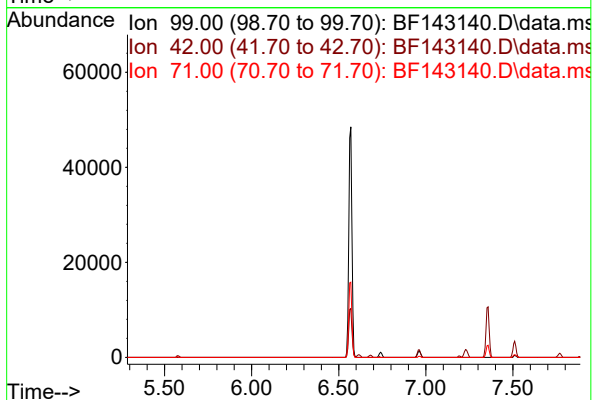


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.59 min
 Lab File: BF143140.D
 Acq: 17 Jul 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

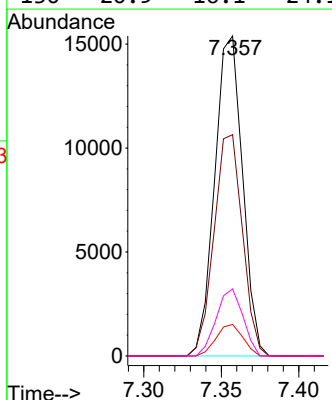
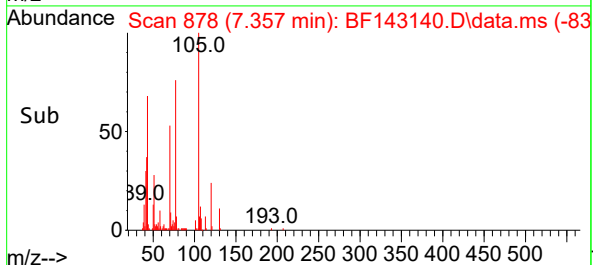
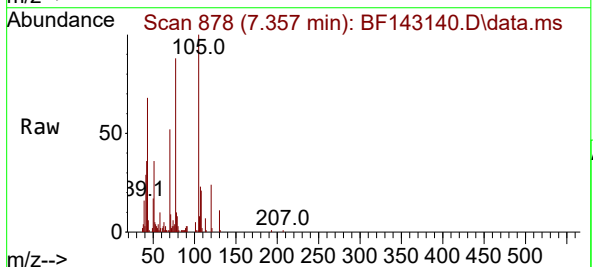
Sig	Exp Ratio
99	100
42	21.3
71	34.6

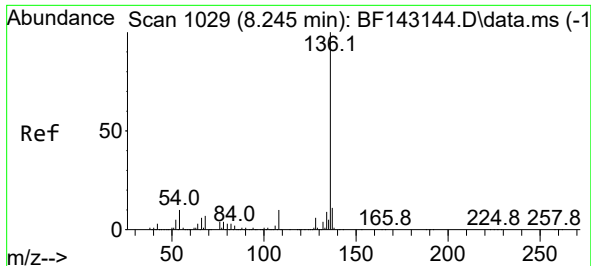


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.696 ng
 RT: 7.357 min Scan# 878
 Delta R.T. -0.017 min
 Lab File: BF143140.D
 Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

Ion	Ratio	Lower	Upper
70	100		
42	69.2	52.5	78.7
101	9.9	7.6	11.4
130	20.9	16.1	24.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF143140.D

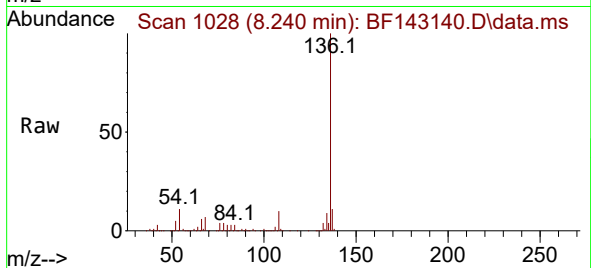
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 547280

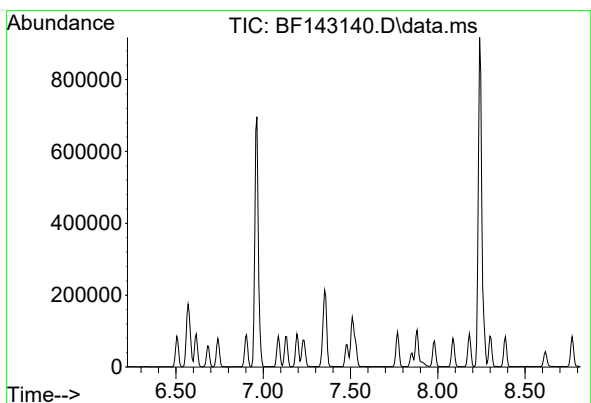
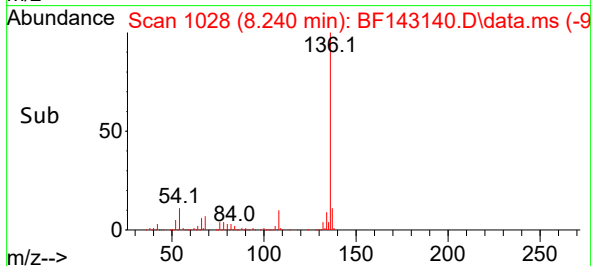
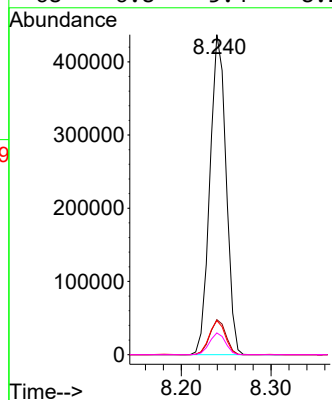
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.6 8.2 12.2

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.52 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

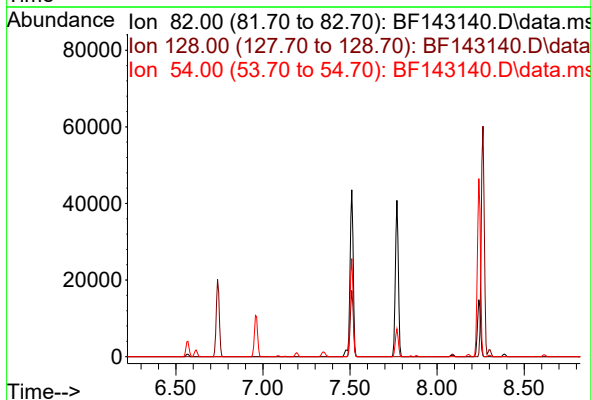
Tgt Ion: 82

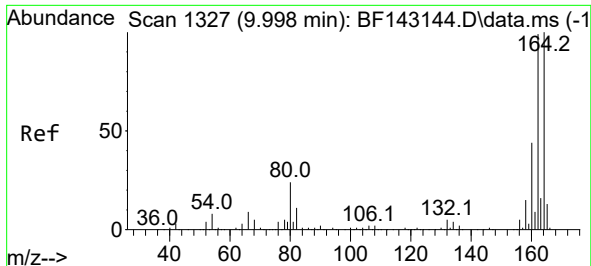
Sig Exp Ratio

82 100

128 42.0

54 58.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143140.D

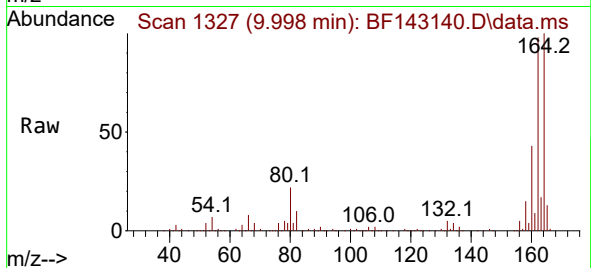
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



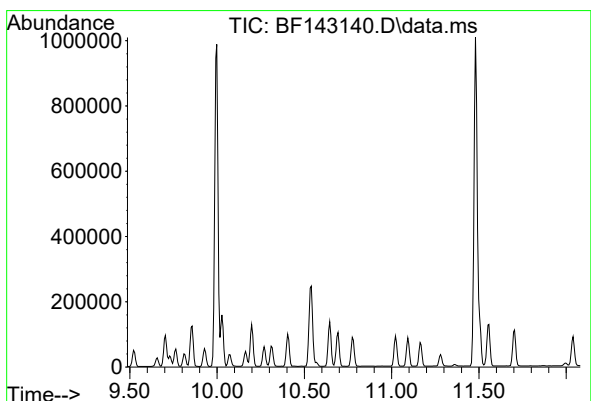
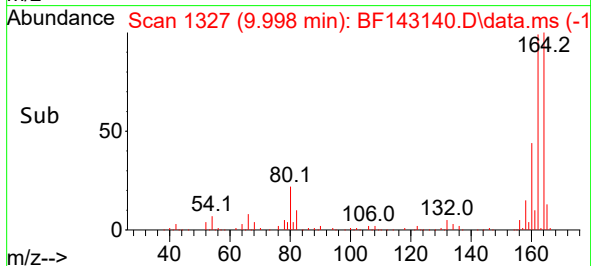
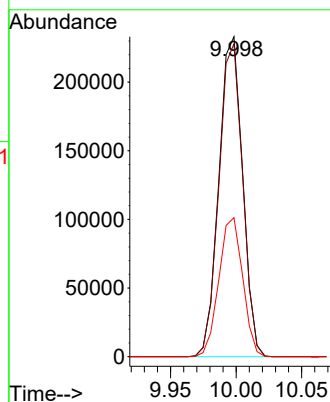
Tgt Ion:164 Resp: 293149

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 43.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.79 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

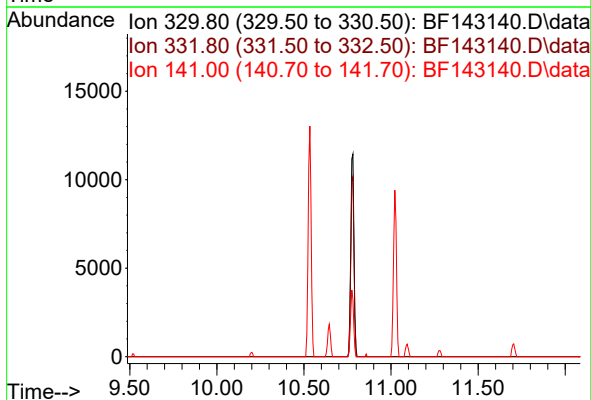
Tgt Ion: 330

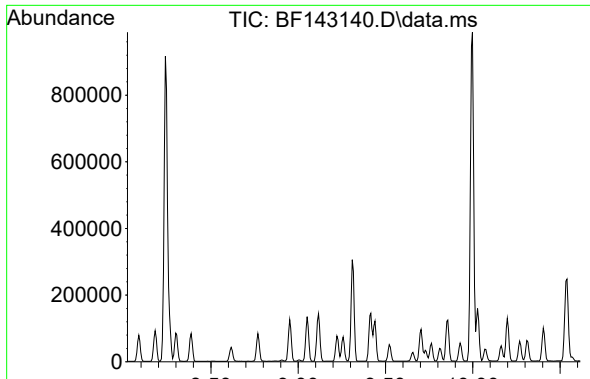
Sig Exp Ratio

330 100

332 95.9

141 29.1



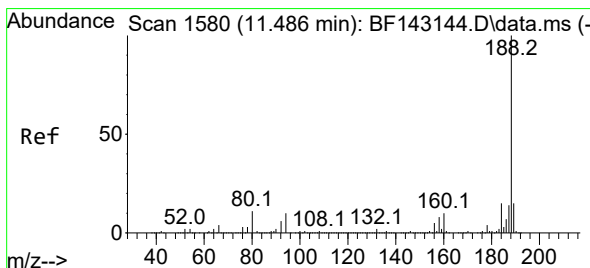
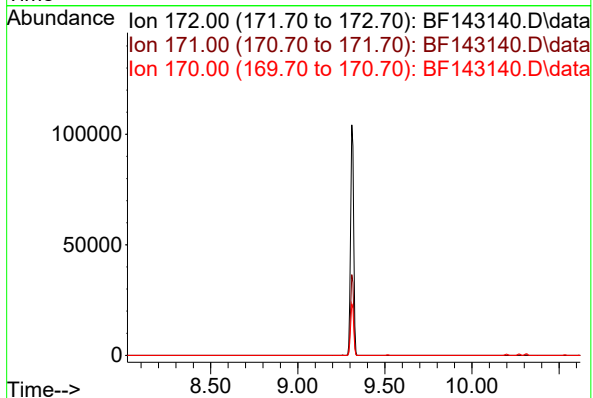


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.32 min
 Lab File: BF143140.D
 Acq: 17 Jul 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

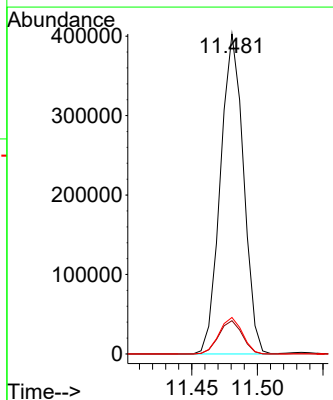
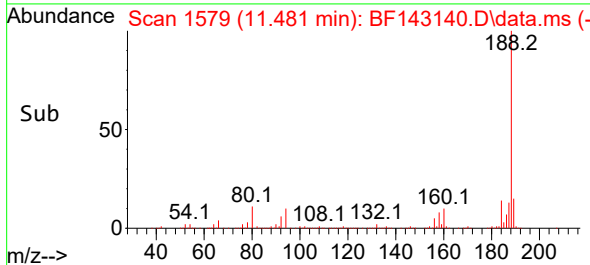
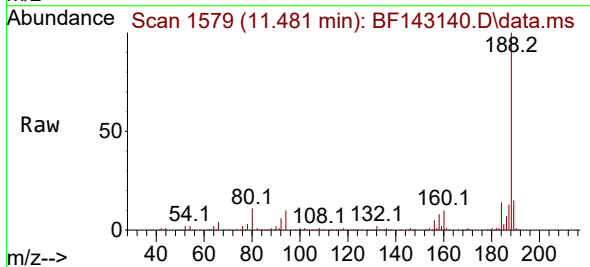
Sig	Exp Ratio
172	100
171	35.7
170	23.5

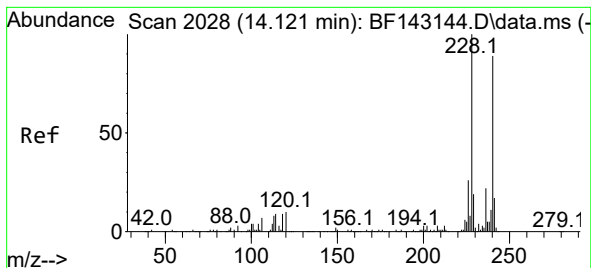


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.481 min Scan# 1579
 Delta R.T. -0.006 min
 Lab File: BF143140.D
 Acq: 17 Jul 2025 11:04

Tgt Ion: 188 Resp: 492765

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.4	9.0	13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143140.D

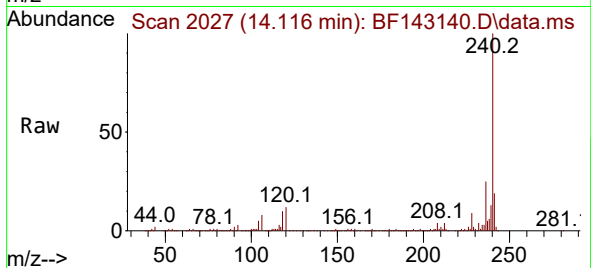
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



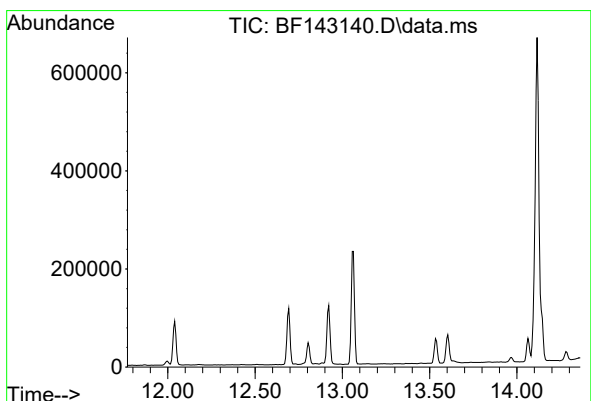
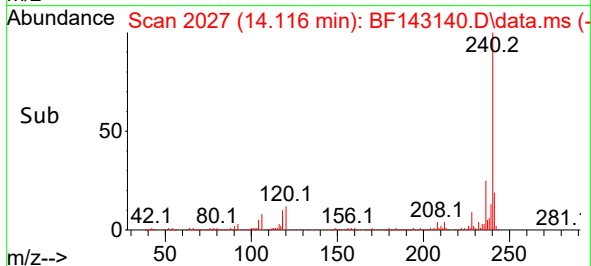
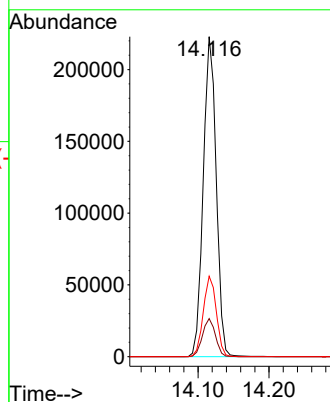
Tgt Ion:240 Resp: 283469

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 25.1 20.2 30.4



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.07 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

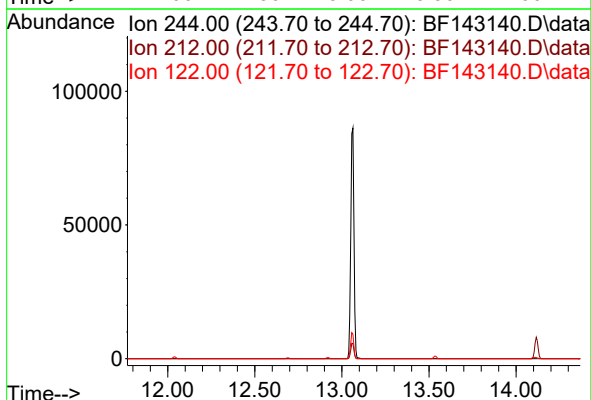
Tgt Ion: 244

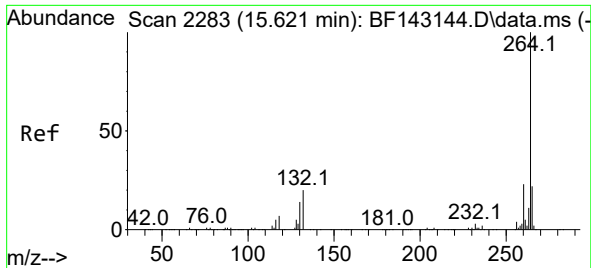
Sig Exp Ratio

244 100

212 6.5

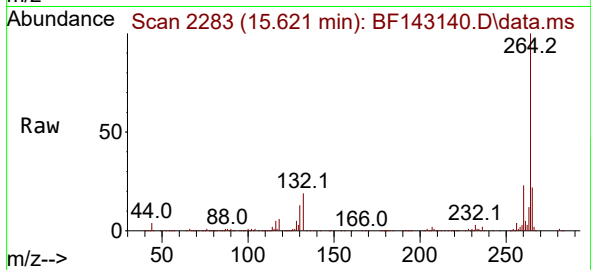
122 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



Tgt Ion:	264	Resp:	284847
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.5	27.7
265	22.1	17.4	26.2

