

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143071.D
 Acq On : 11 Jul 2025 12:17
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 11 17:36:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:21:09 2025
 Response via : Initial Calibration

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

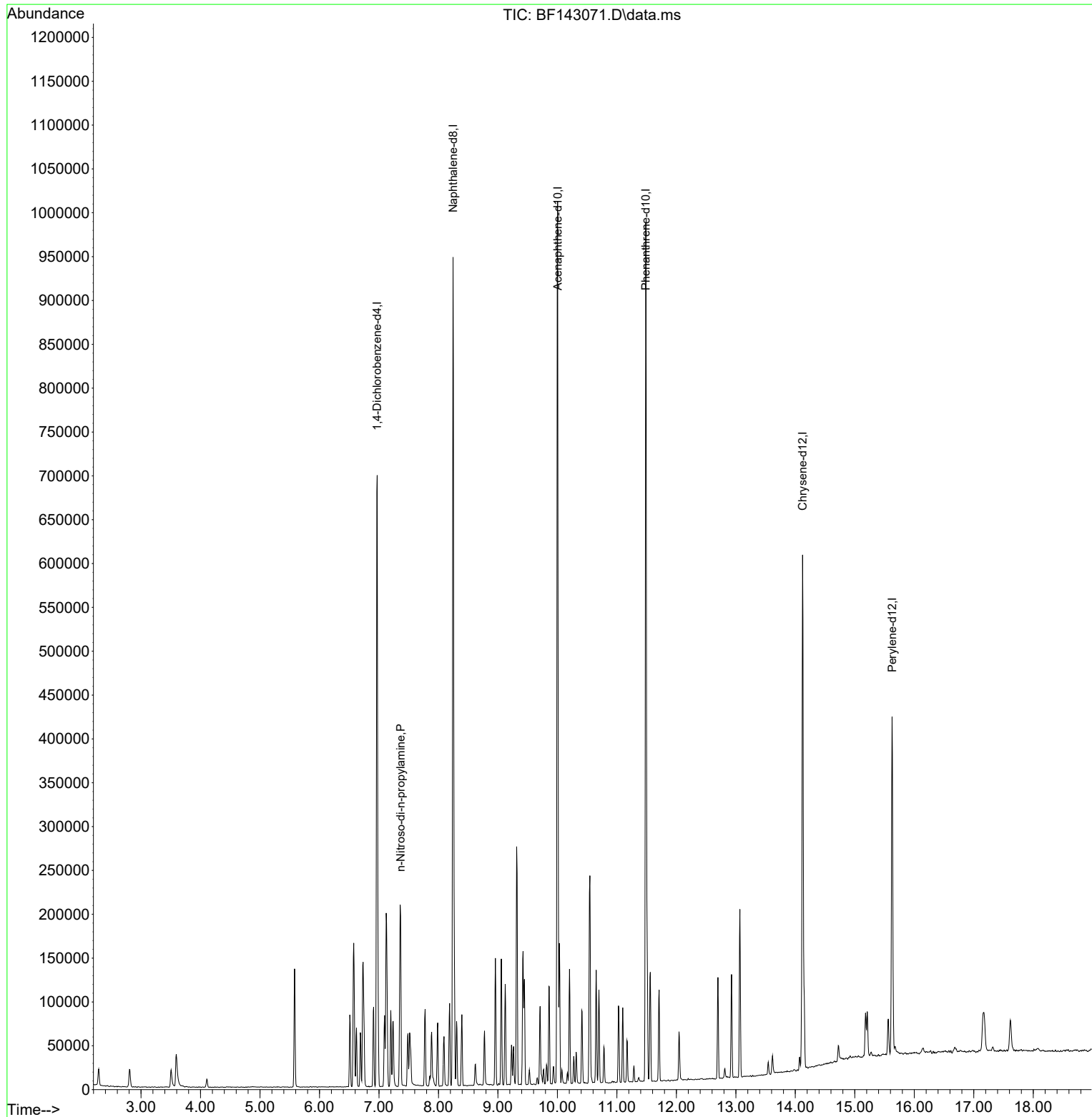
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	139929	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	558423	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	295627	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	467511	20.000	ng	0.00
76) Chrysene-d12	14.121	240	242982	20.000	ng	0.00
86) Perylene-d12	15.627	264	214864	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						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	18471	2.693	ng	98

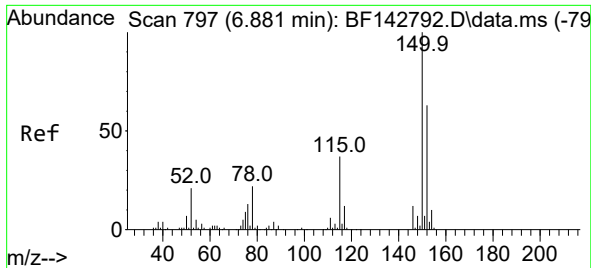
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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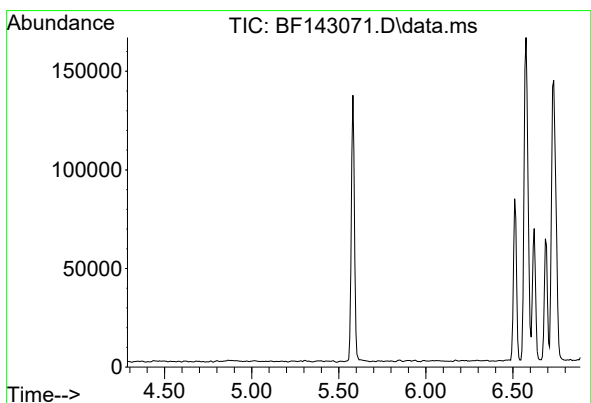
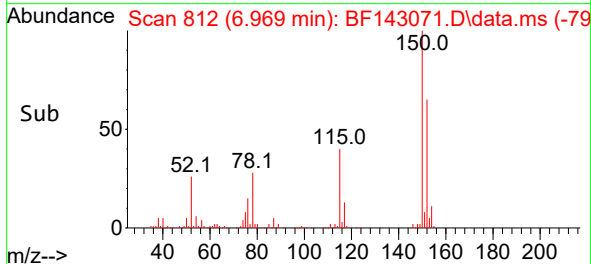
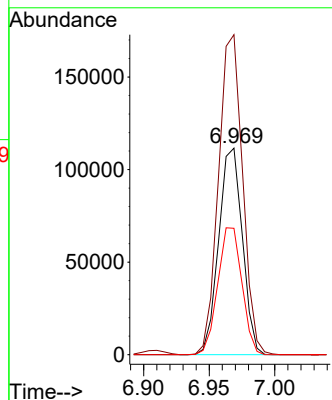
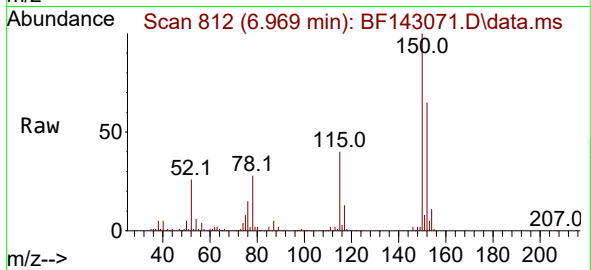




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

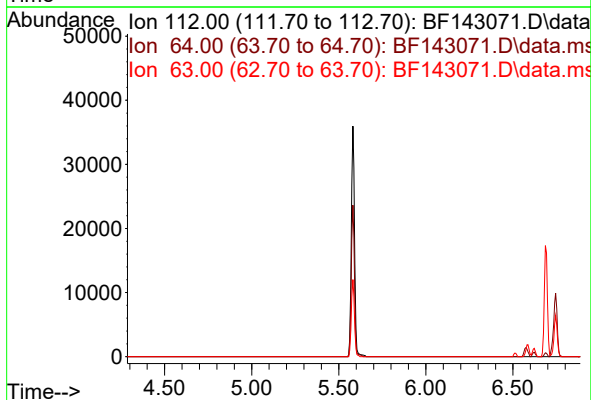
Tgt Ion:152 Resp: 139929
Ion Ratio Lower Upper
152 100
150 155.0 126.6 190.0
115 61.2 49.8 74.6

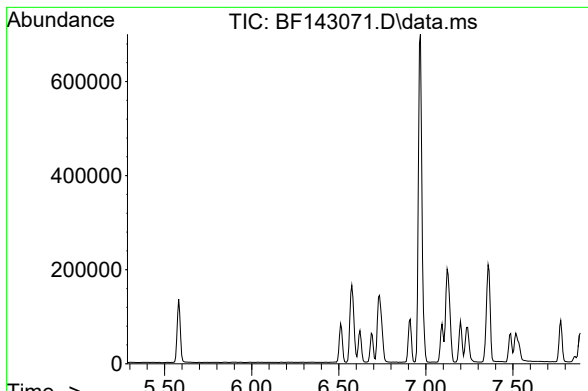


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Tgt Ion: 112
Sig Exp Ratio
112 100
64 65.3
63 33.5



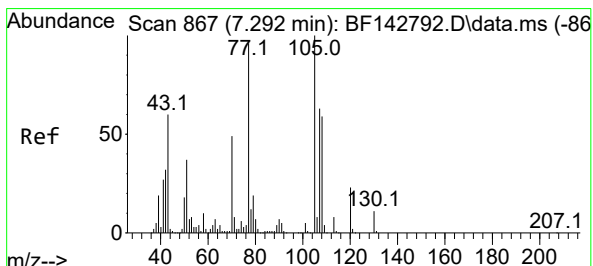
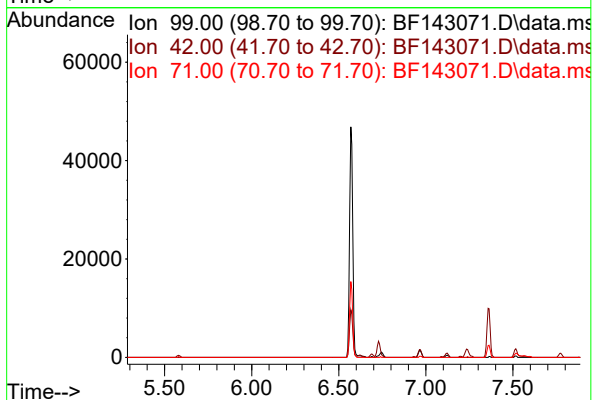


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.59 min
 Lab File: BF143071.D
 Acq: 11 Jul 2025 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

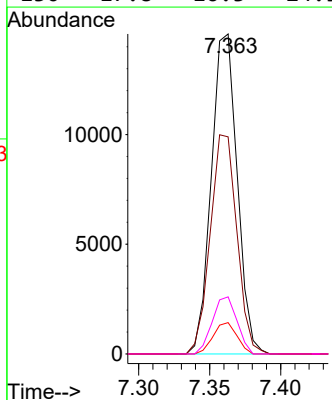
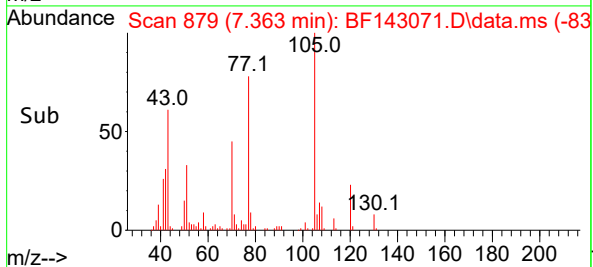
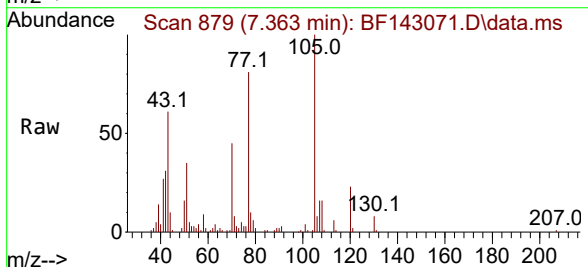
Sig	Exp Ratio
99	100
42	21.5
71	34.6

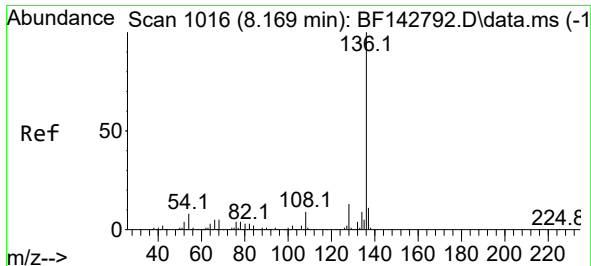


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.693 ng
 RT: 7.363 min Scan# 879
 Delta R.T. -0.012 min
 Lab File: BF143071.D
 Acq: 11 Jul 2025 12:17

Tgt Ion: 70 Resp: 18471

Ion	Ratio	Lower	Upper
70	100		
42	67.8	53.8	80.6
101	9.8	7.6	11.4
130	17.8	16.3	24.5

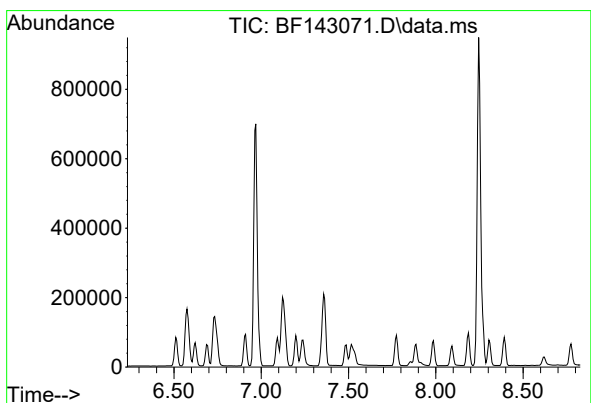
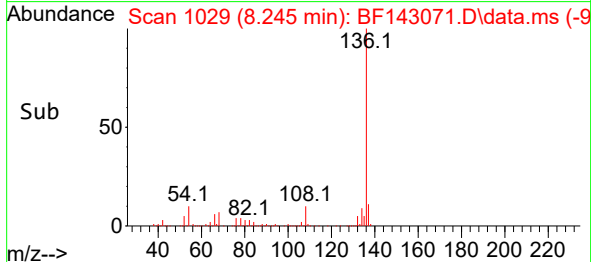
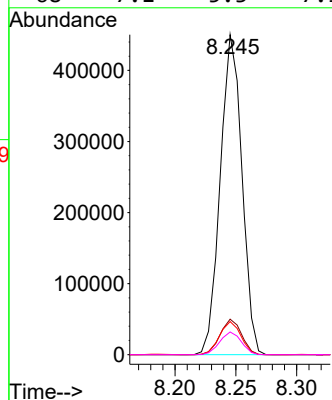
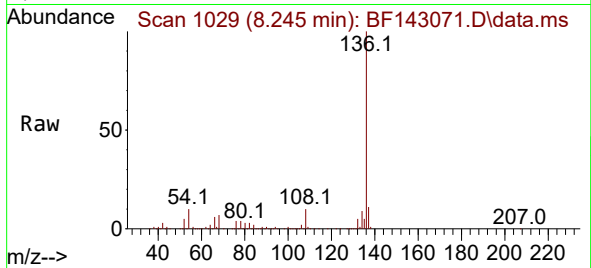




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

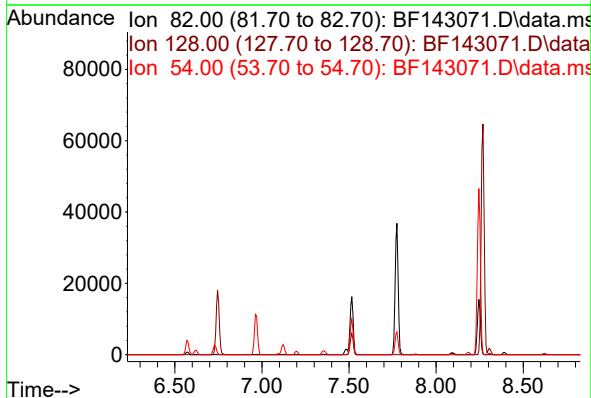
Tgt Ion:136 Resp: 558423
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.3 8.1 12.1
68 7.1 5.3 7.9

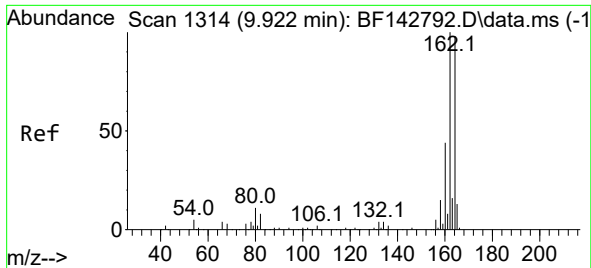


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.53 min

Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Tgt Ion: 82
Sig Exp Ratio
82 100
128 41.6
54 58.7

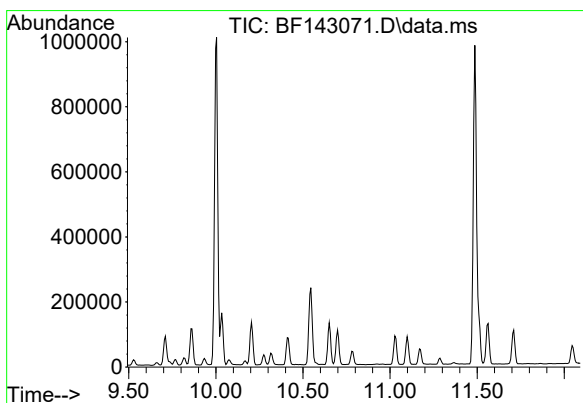
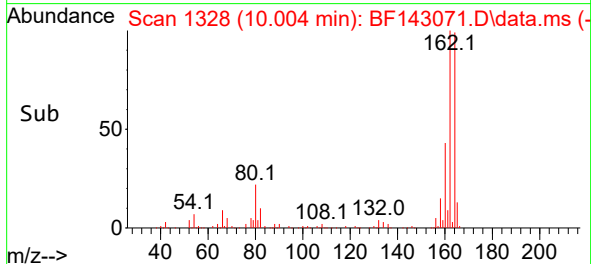
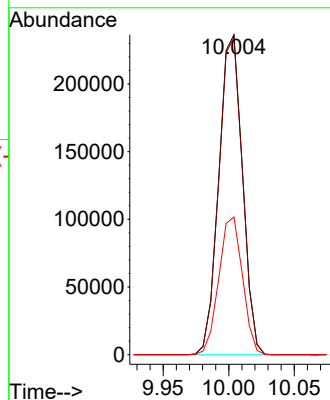
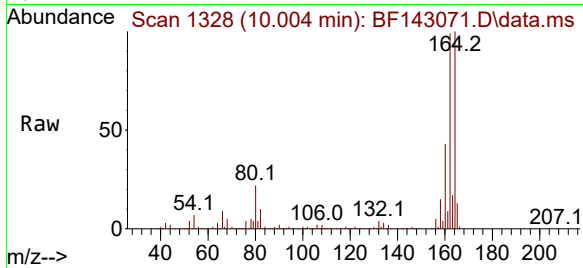




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

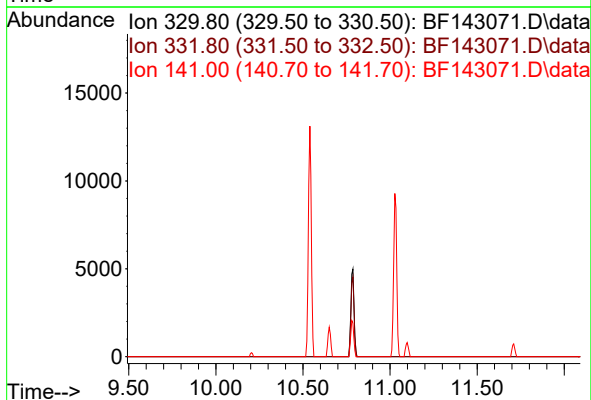
Tgt Ion:164 Resp: 295627
Ion Ratio Lower Upper
164 100
162 99.2 79.3 118.9
160 43.1 35.1 52.7

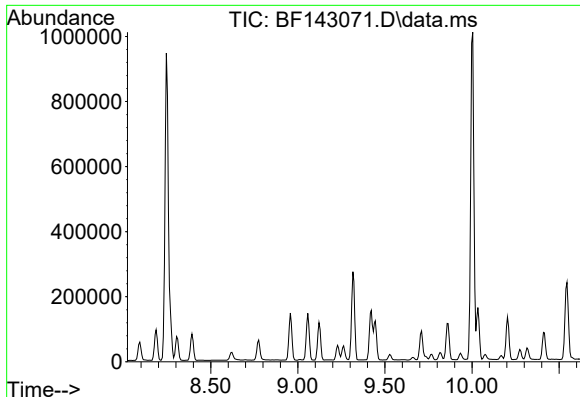


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.3
141 35.1



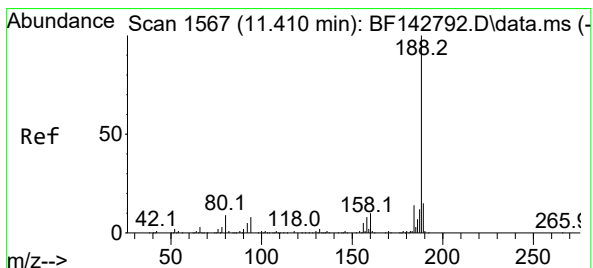
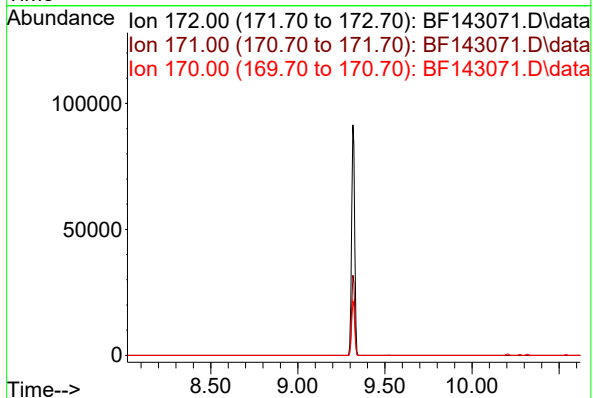


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.32 min
 Lab File: BF143071.D
 Acq: 11 Jul 2025 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

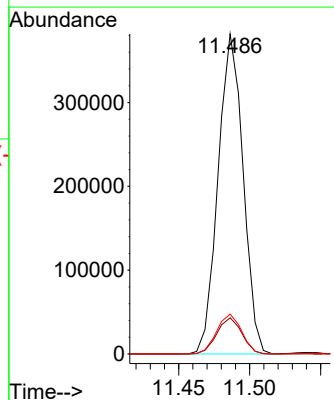
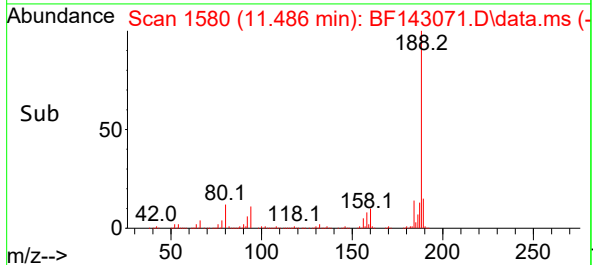
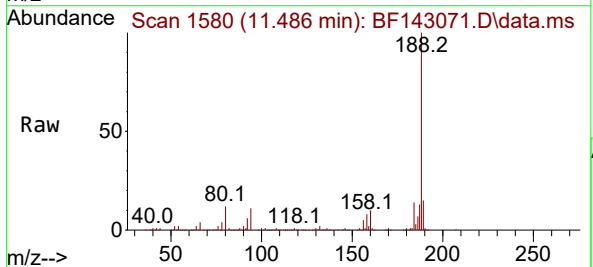
Sig	Exp Ratio
172	100
171	35.4
170	23.3

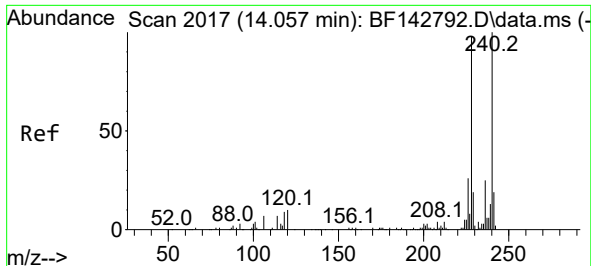


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.486 min Scan# 1580
 Delta R.T. -0.006 min
 Lab File: BF143071.D
 Acq: 11 Jul 2025 12:17

Tgt Ion: 188 Resp: 467511

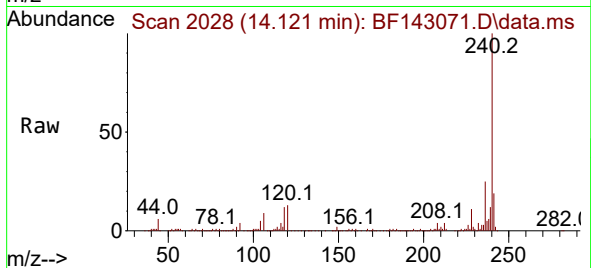
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	12.5	9.3	13.9



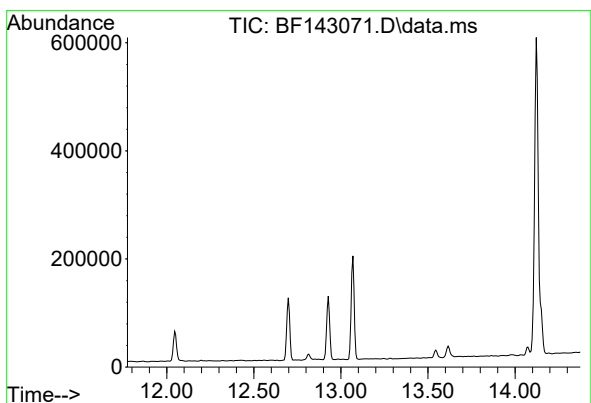
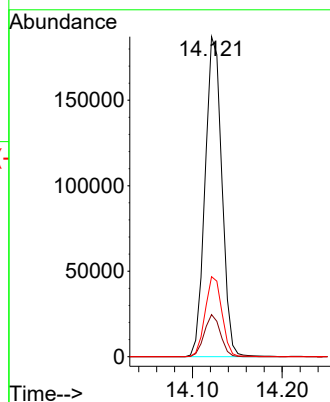
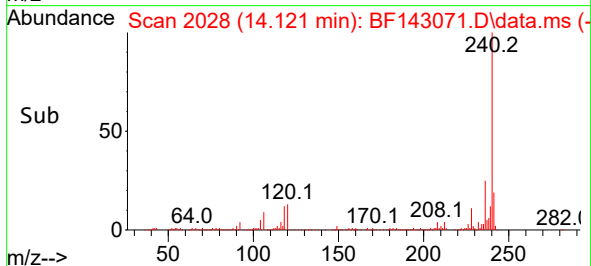


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



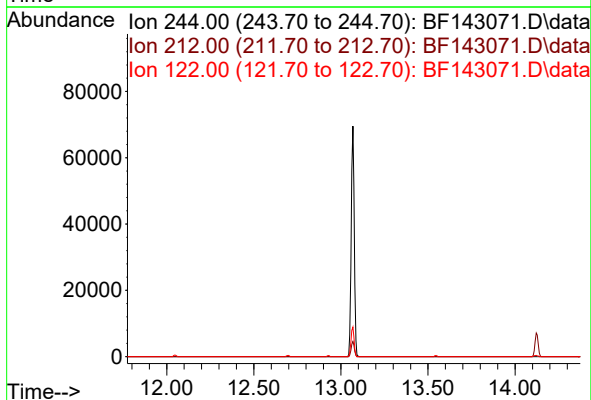
Tgt Ion:240 Resp: 242982
Ion Ratio Lower Upper
240 100
120 13.1 9.6 14.4
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

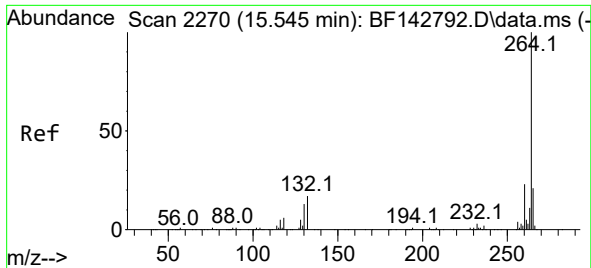
Lab File: BF143071.D
Acq: 11 Jul 2025 12:17

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.9
122 11.2



Ion 212.00 (211.70 to 212.70): BF143071.D\data

Ion 122.00 (121.70 to 122.70): BF143071.D\data



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143071.D
 Acq: 11 Jul 2025 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:264 Resp: 214864
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.1 17.0 25.6

