

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142712.D
 Acq On : 10 Jun 2025 16:54
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jun 11 04:42:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 04:40:33 2025
 Response via : Initial Calibration

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

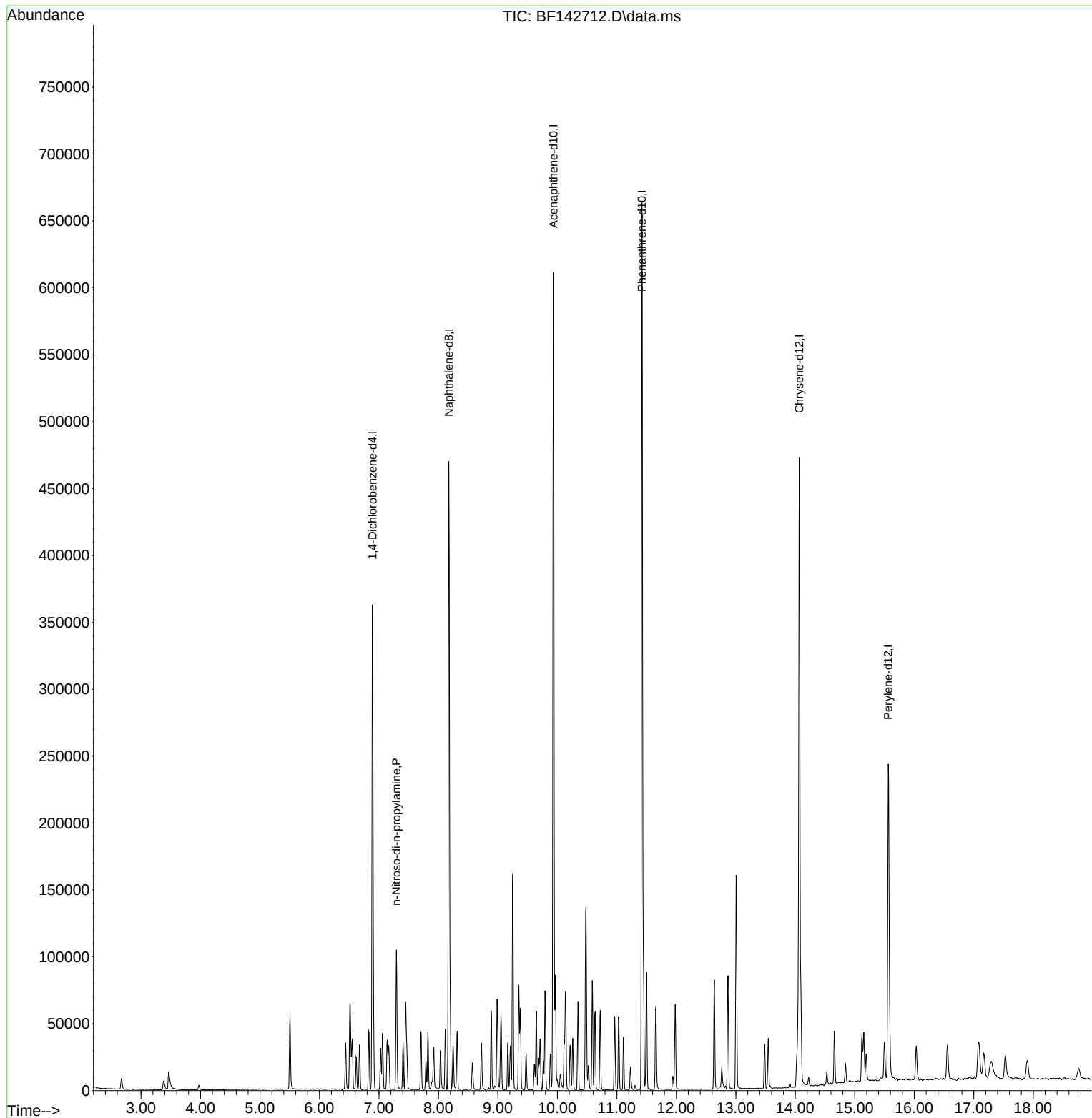
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79232	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295464	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	183301	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	345616	20.000	ng	0.00
76) Chrysene-d12	14.068	240	223924	20.000	ng	0.00
86) Perylene-d12	15.562	264	151462	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...	7.292	70	8766	2.710	ng	Qvalue 96

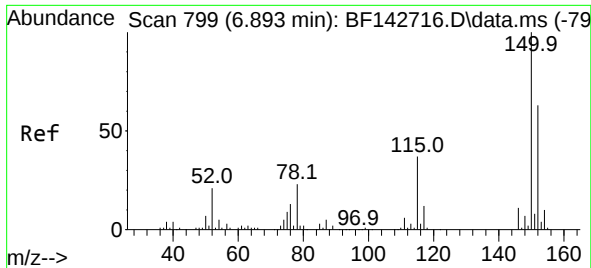
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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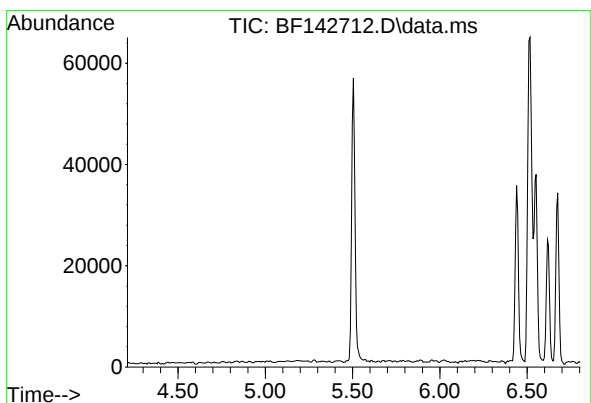
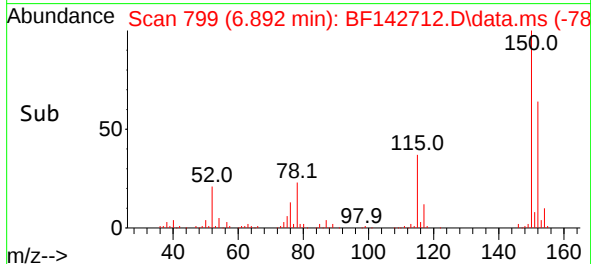
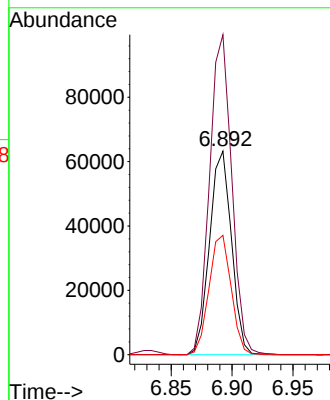
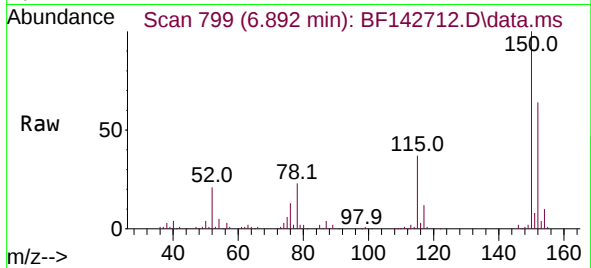




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

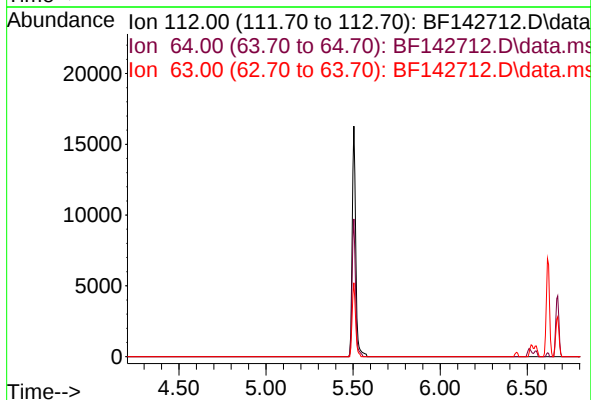
Tgt Ion:152 Resp: 79232
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.9 190.3
 115 58.7 47.0 70.6

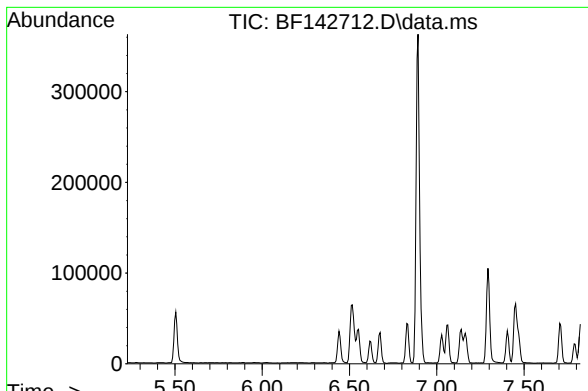


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.50 min

Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.3
 63 31.7



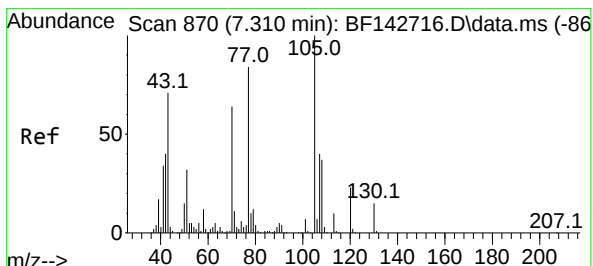
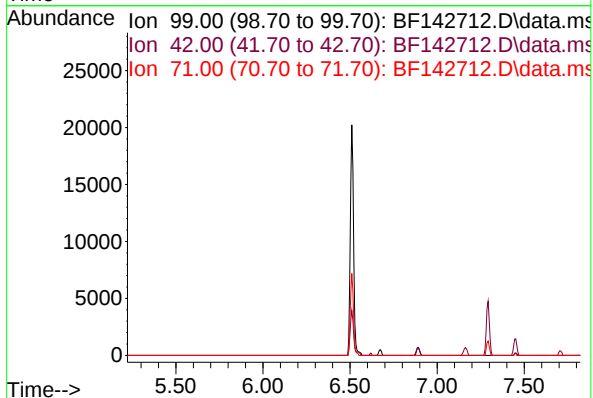


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.52 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

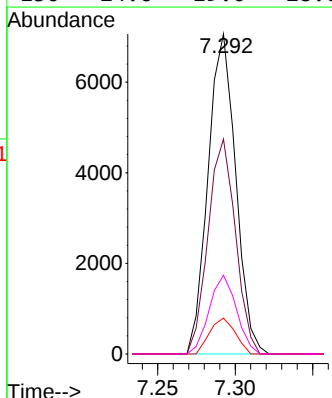
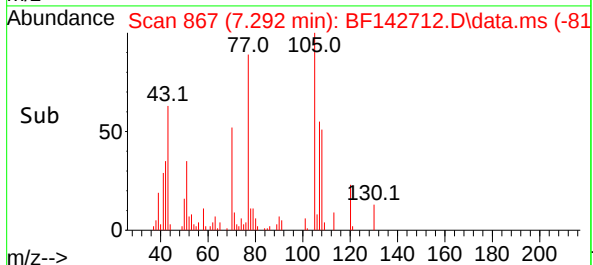
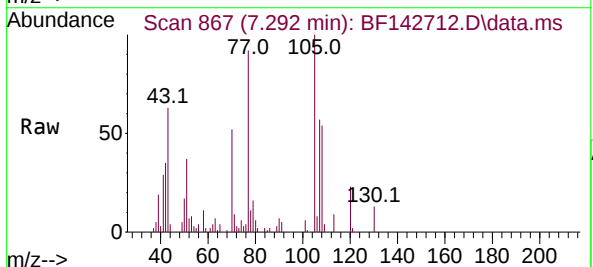
Sig	Exp Ratio
99	100
42	19.9
71	35.0

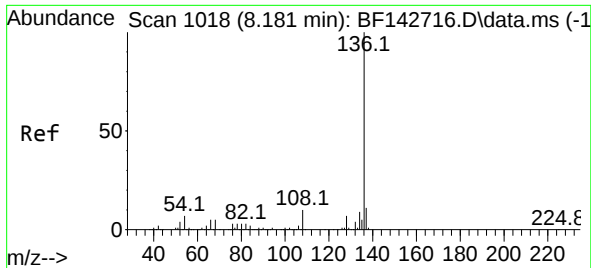


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.710 ng
 RT: 7.292 min Scan# 867
 Delta R.T. -0.018 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Tgt Ion: 70 Resp: 8766

Ion	Ratio	Lower	Upper
70	100		
42	67.2	50.2	75.4
101	11.2	8.3	12.5
130	24.6	19.0	28.6

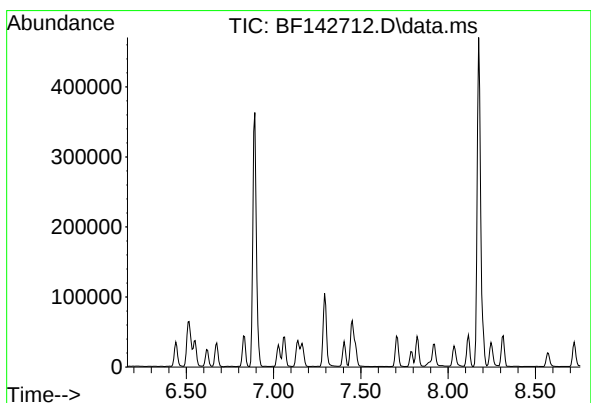
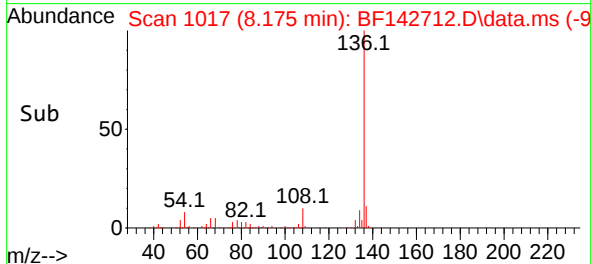
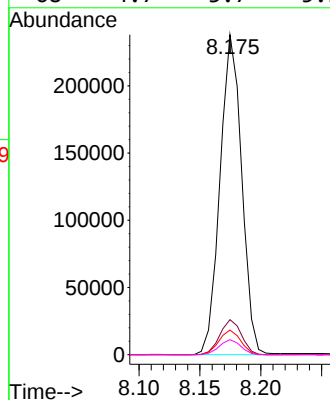
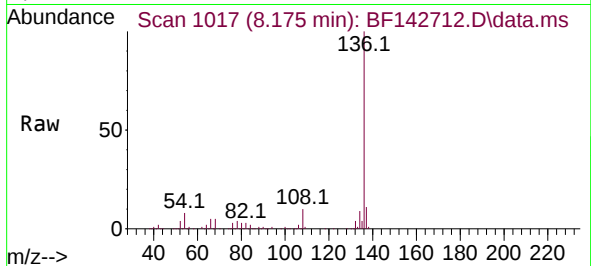




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

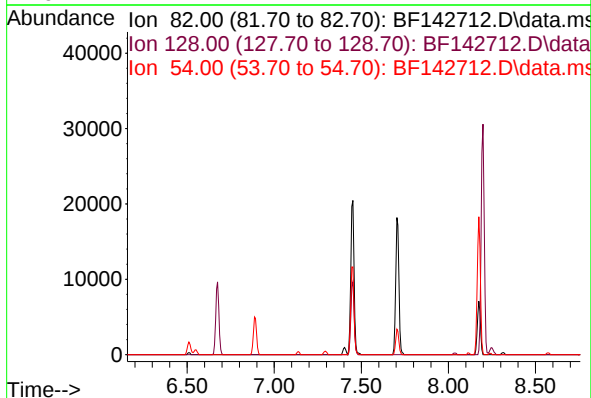
Tgt Ion:136 Resp: 295464
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 5.9 8.9
68 4.7 3.7 5.5

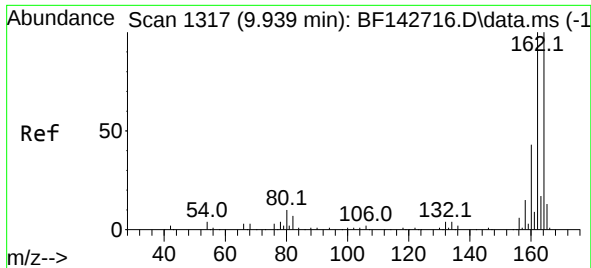


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.46 min

Lab File: BF142712.D
Acq: 10 Jun 2025 16:54

Tgt Ion: 82
Sig Exp Ratio
82 100
128 47.3
54 56.1

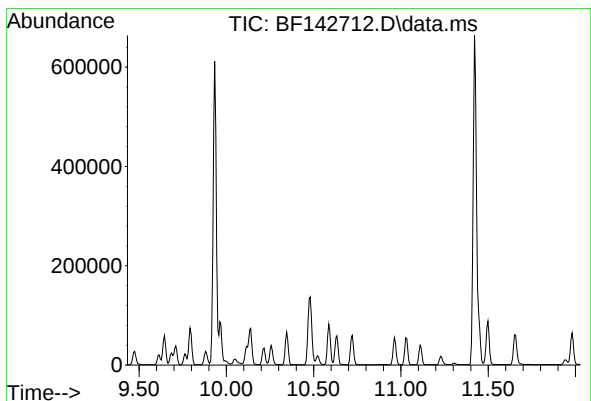
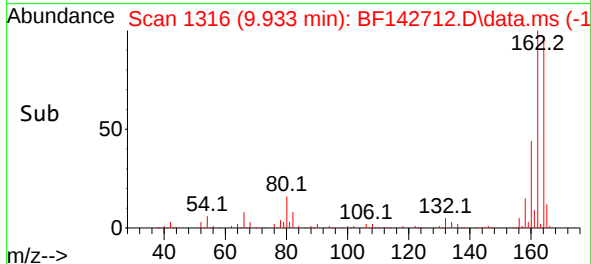
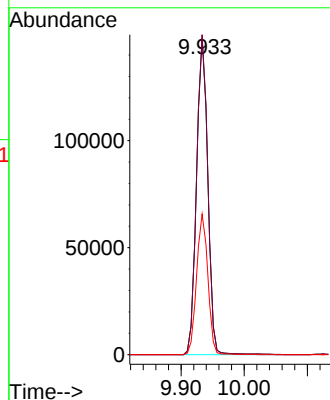
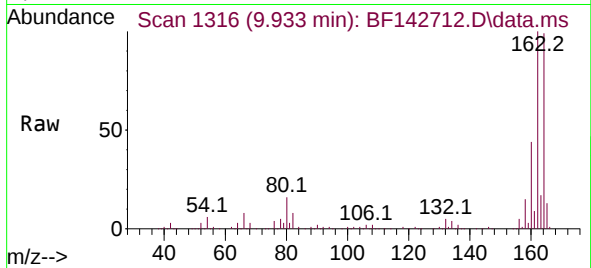




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

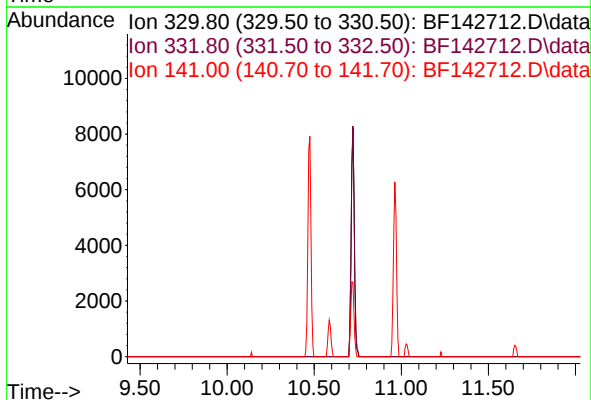
Tgt Ion:164 Resp: 183301
 Ion Ratio Lower Upper
 164 100
 162 101.0 79.9 119.9
 160 44.4 34.8 52.2

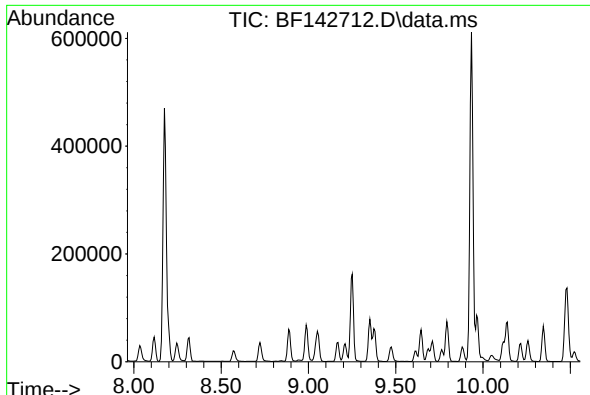


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.73 min

Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 31.7



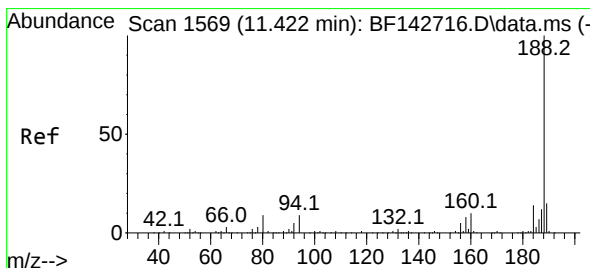
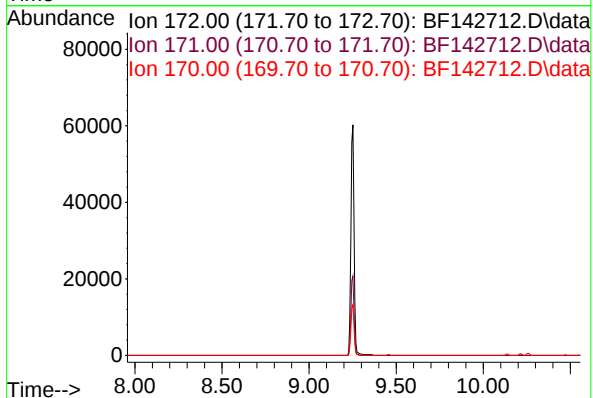


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.26 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

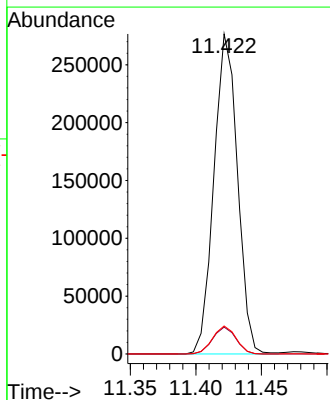
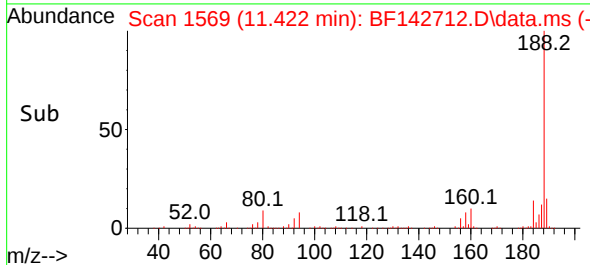
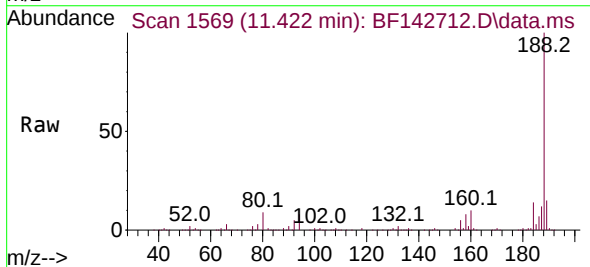
Sig	Exp Ratio
172	100
171	35.1
170	23.2

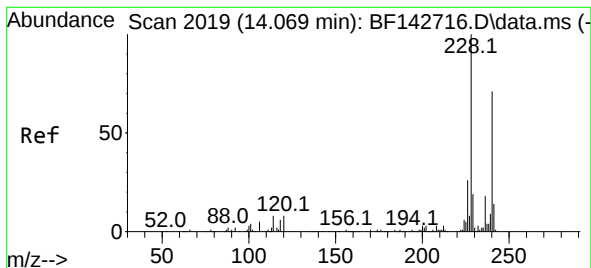


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Tgt Ion: 188 Resp: 345616

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.1	10.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142712.D

Acq: 10 Jun 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

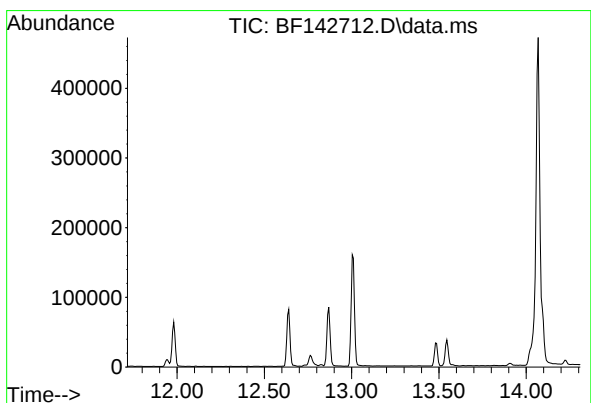
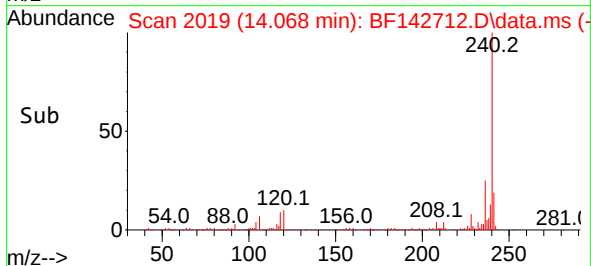
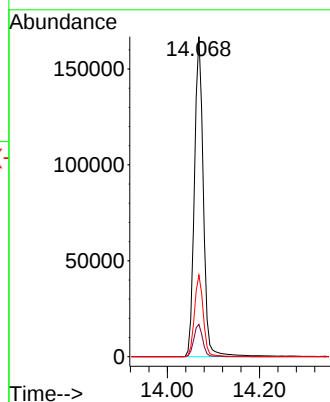
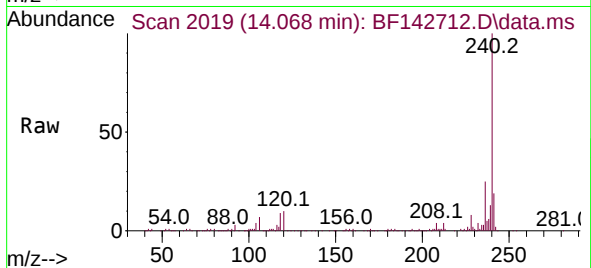
Tgt Ion:240 Resp: 223924

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

236 25.5 20.1 30.1



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.01 min

Lab File: BF142712.D

Acq: 10 Jun 2025 16:54

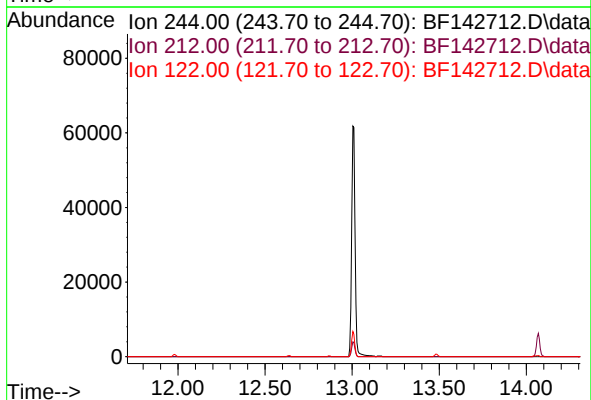
Tgt Ion: 244

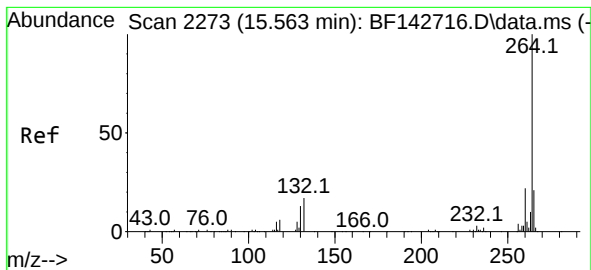
Sig Exp Ratio

244 100

212 6.7

122 10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF142712.D
 Acq: 10 Jun 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:264 Resp: 151462
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.6
 265 22.2 16.6 25.0

