

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142199.D
 Acq On : 21 Apr 2025 11:13
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Apr 22 00:46:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 00:36:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	622834	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2413530	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1431118	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2538453	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1890280	20.000	ng	0.00
86) Perylene-d12	15.504	264	1397277	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	

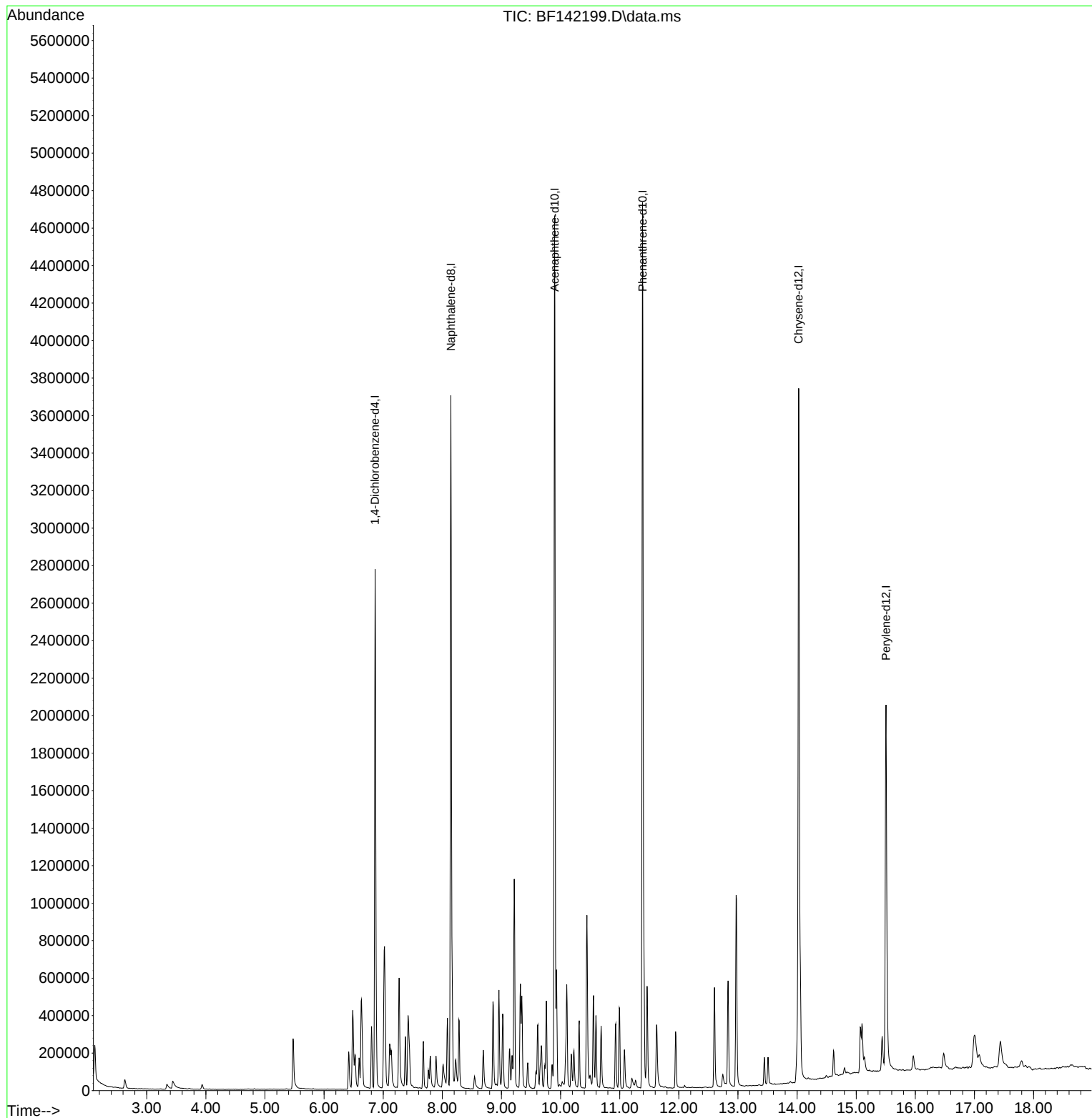
Target Compounds	Qvalue

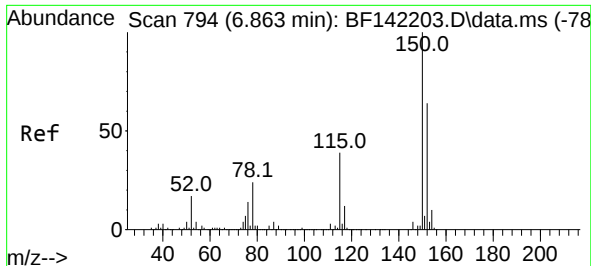
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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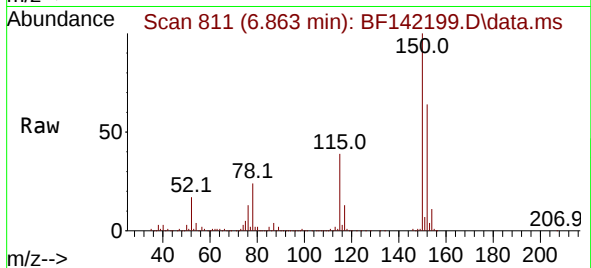
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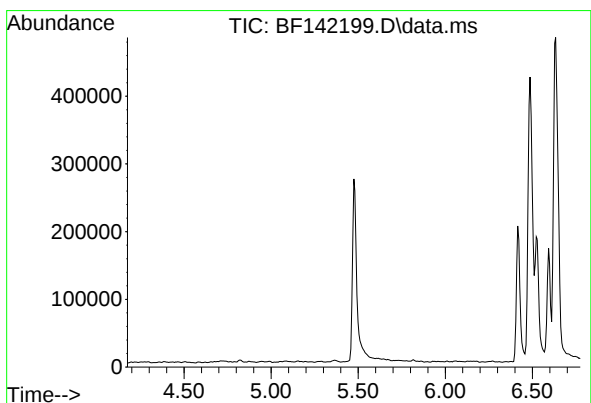
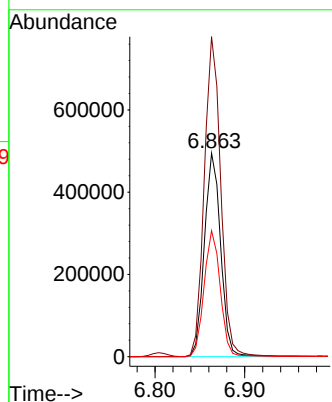
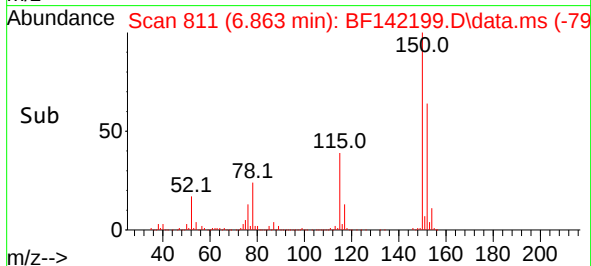


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



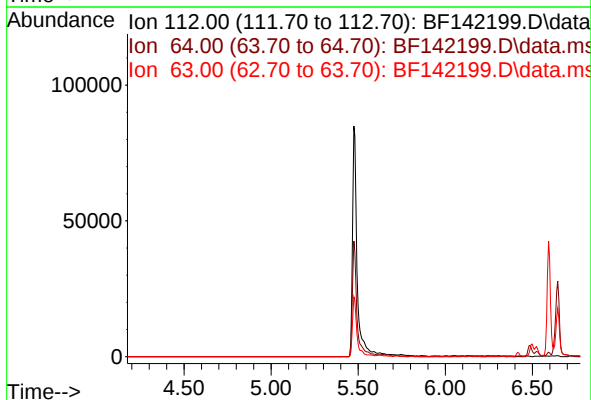
Tgt Ion:152 Resp: 622834
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.4 189.6
 115 61.9 49.4 74.2

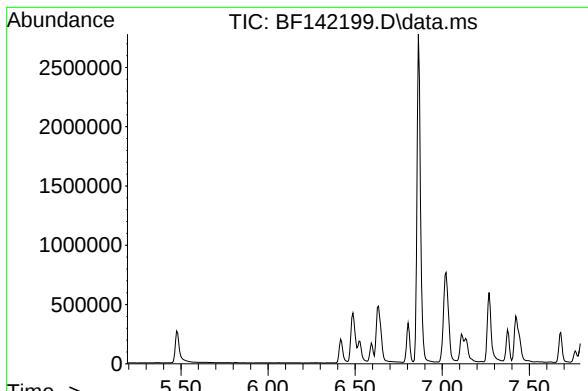


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 51.1
 63 27.5



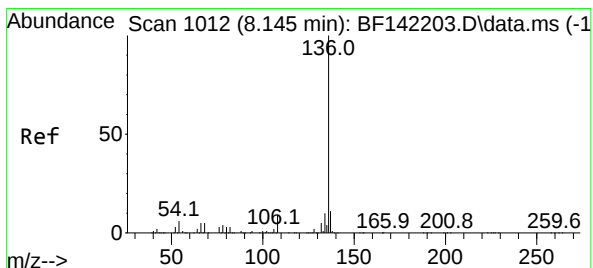
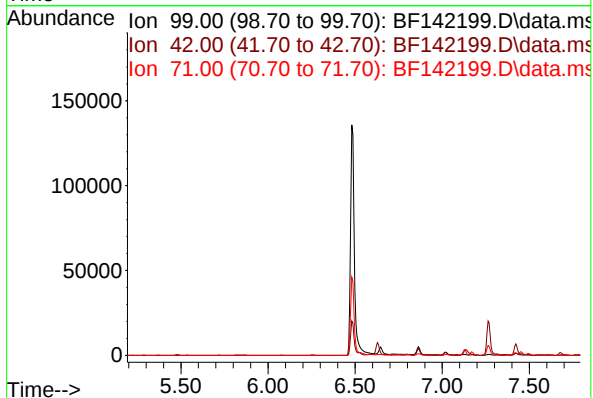


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

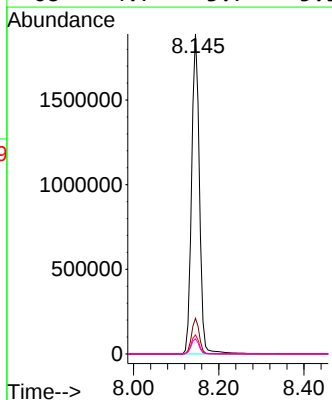
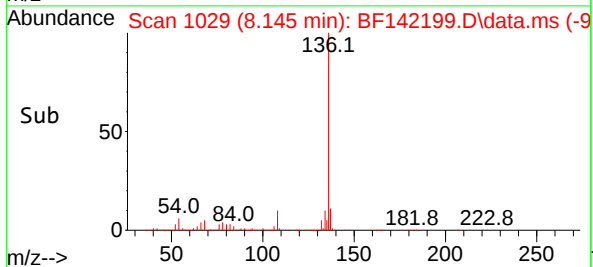
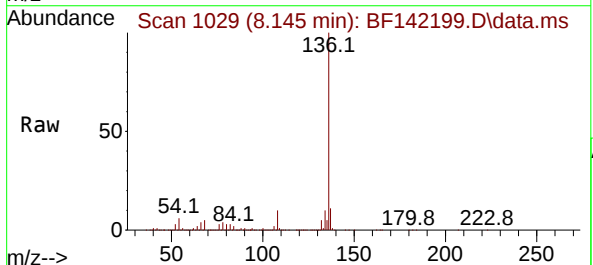
Sig	Exp Ratio
99	100
42	14.4
71	35.7

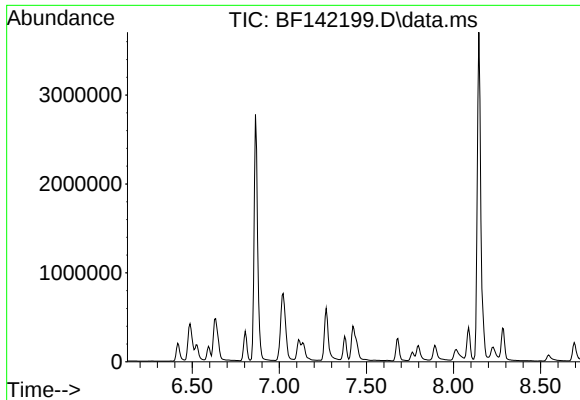


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.145 min Scan# 1029
 Delta R.T. -0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 136 Resp: 2413530

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.7	7.1
68	4.7	3.7	5.5



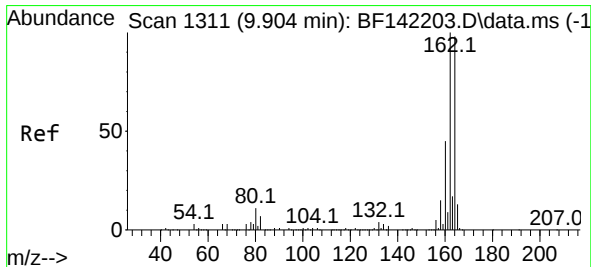
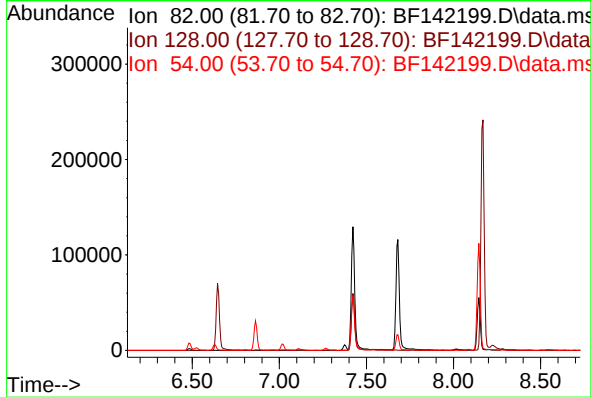


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.43 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 82

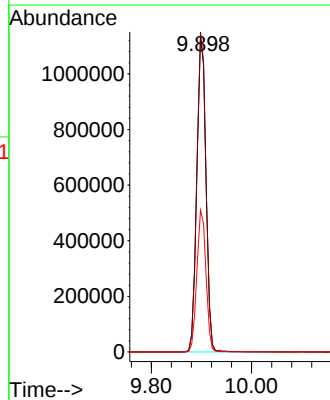
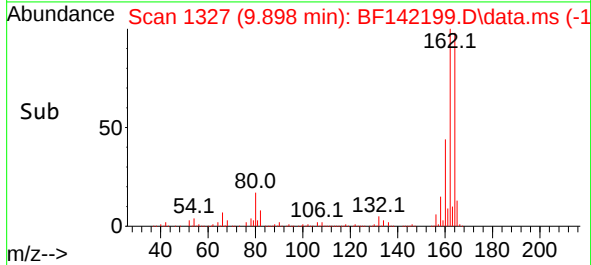
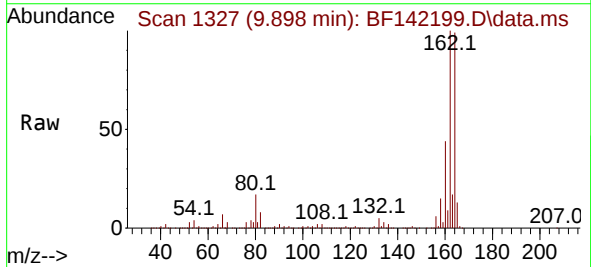
Sig	Exp Ratio
82	100
128	50.2
54	44.4

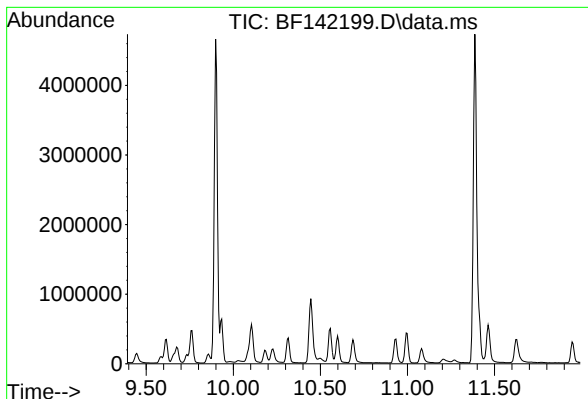


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.006 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 164 Resp: 1431118

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	45.0	36.8	55.2



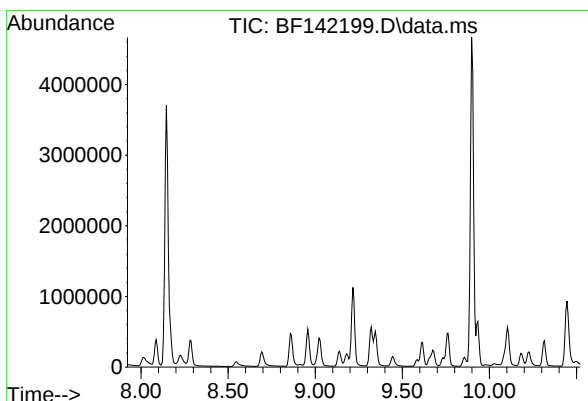
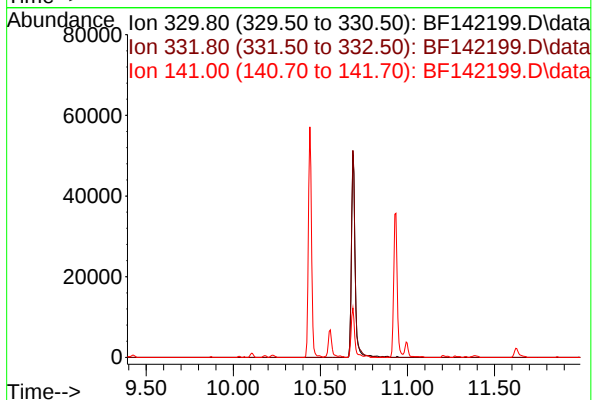


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 330

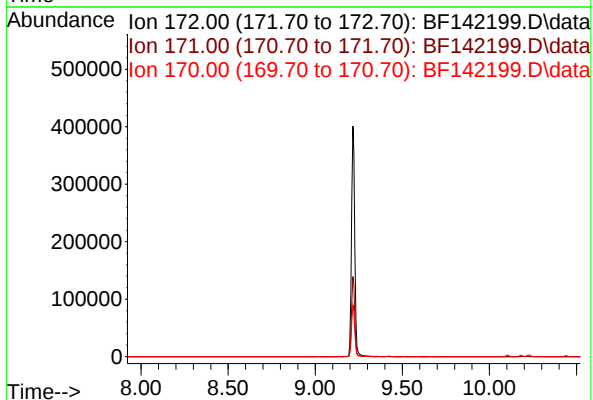
Sig	Exp Ratio
330	100
332	96.4
141	23.6

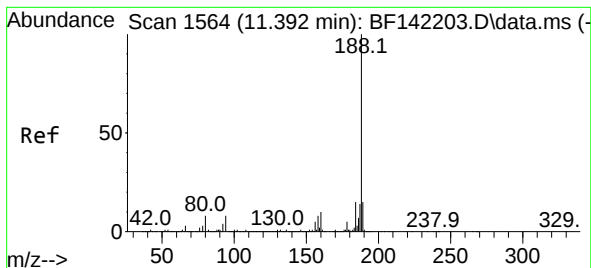


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.22 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	40.1
170	26.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

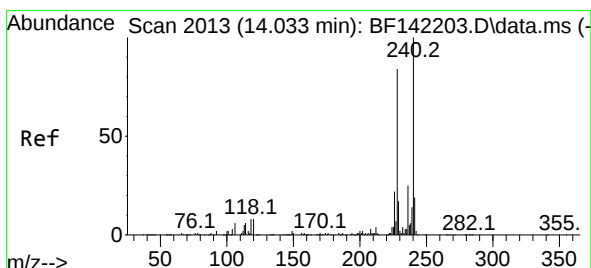
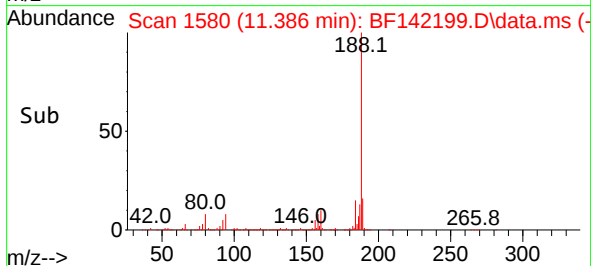
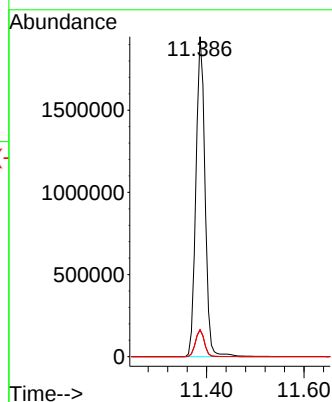
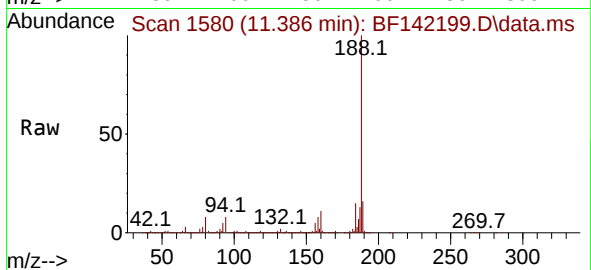
Tgt Ion:188 Resp: 2538453

Ion Ratio Lower Upper

188 100

94 8.3 6.3 9.5

80 8.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

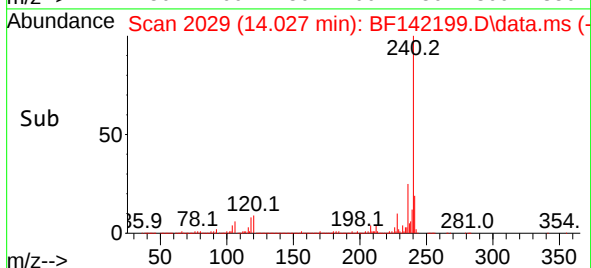
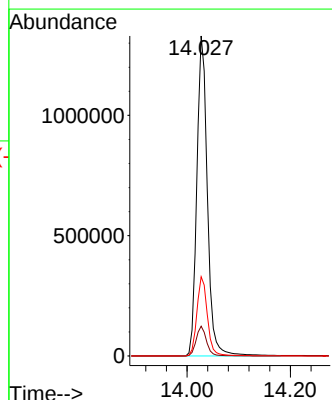
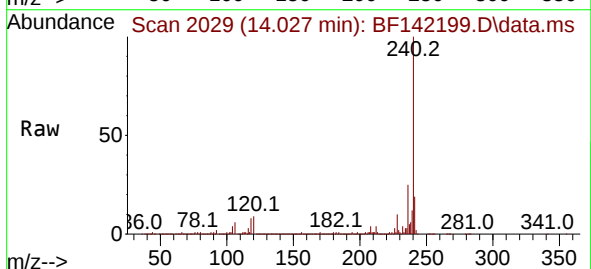
Tgt Ion:240 Resp: 1890280

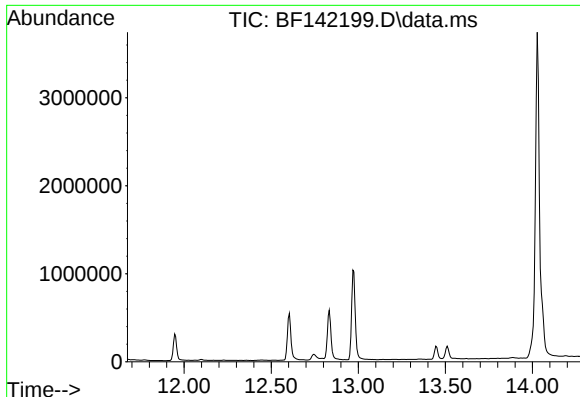
Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 24.8 20.2 30.2



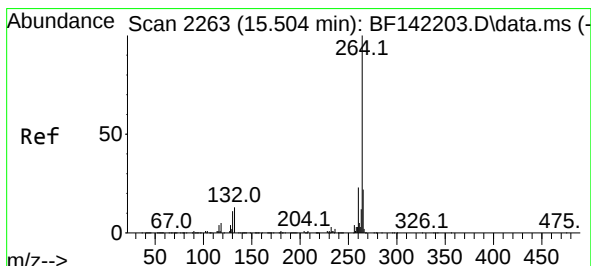
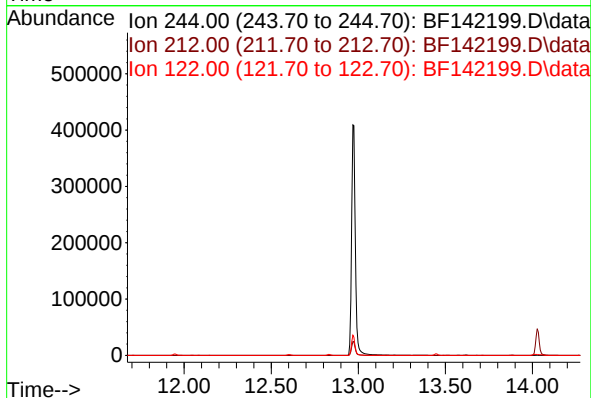


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.97 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	9.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 264 Resp: 1397277

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.7	16.9	25.3

