

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142295.D
 Acq On : 05 May 2025 13:54
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: May 05 17:55:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 17:44:56 2025
 Response via : Initial Calibration

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

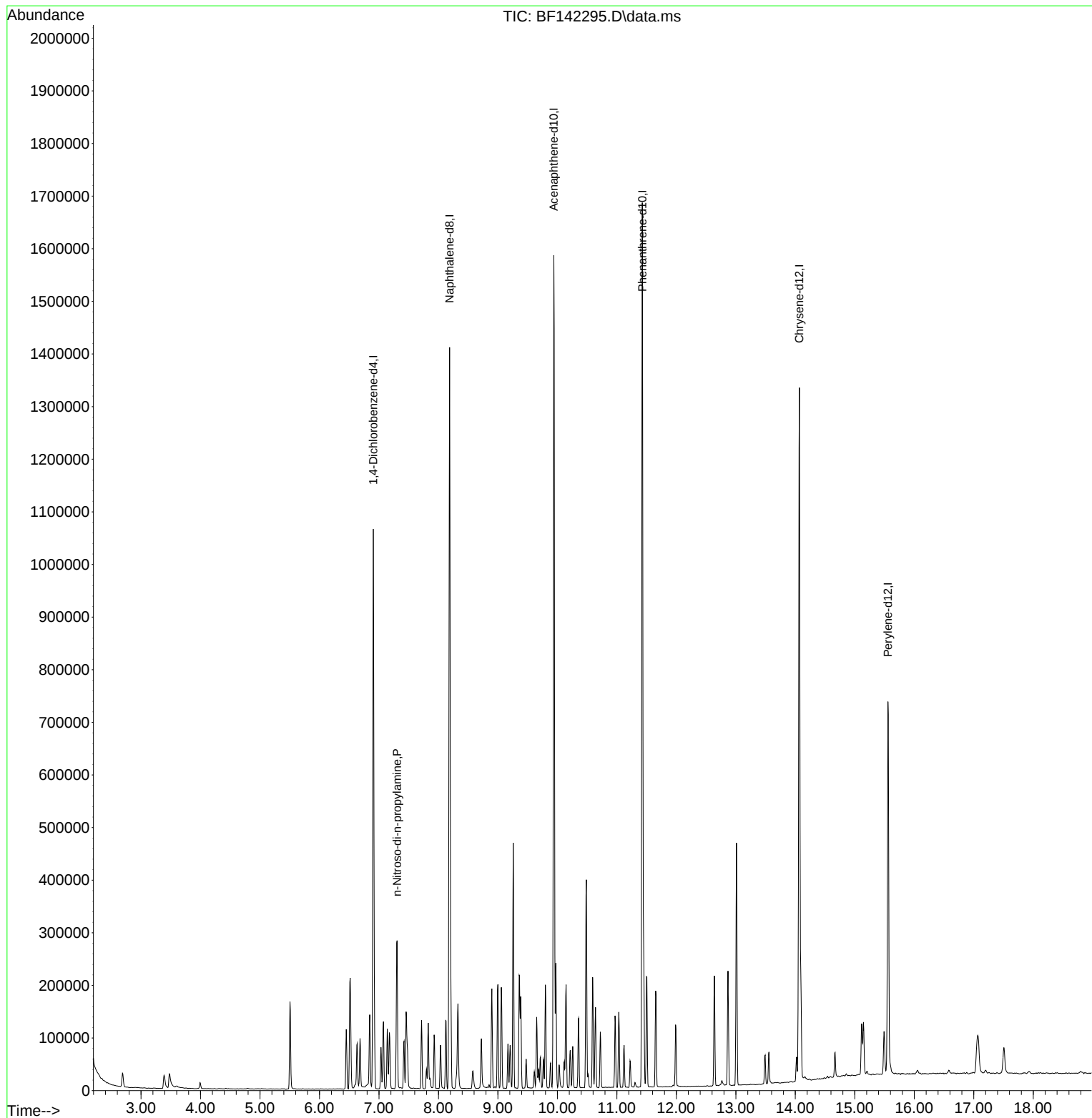
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	220458	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	851705	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	461090	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826586	20.000	ng	0.00
76) Chrysene-d12	14.069	240	600134	20.000	ng	0.00
86) Perylene-d12	15.557	264	417952	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...	7.304	70	23149	2.356	ng	93

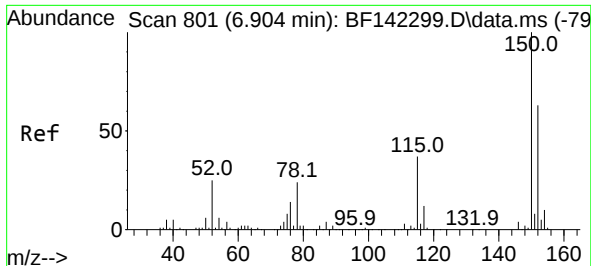
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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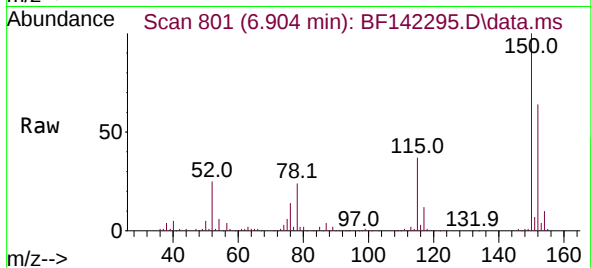
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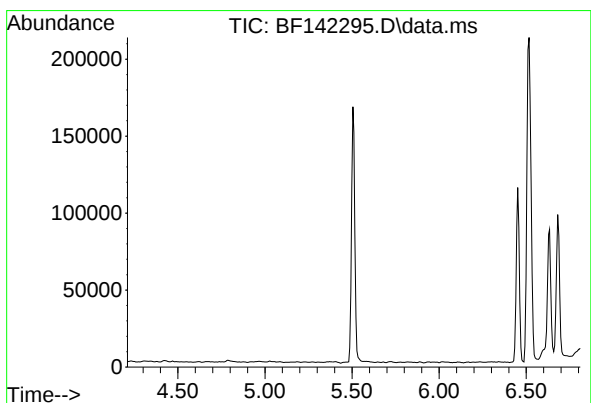
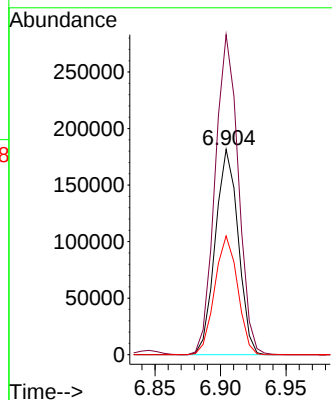
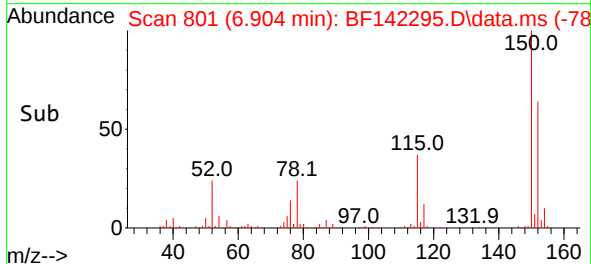


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



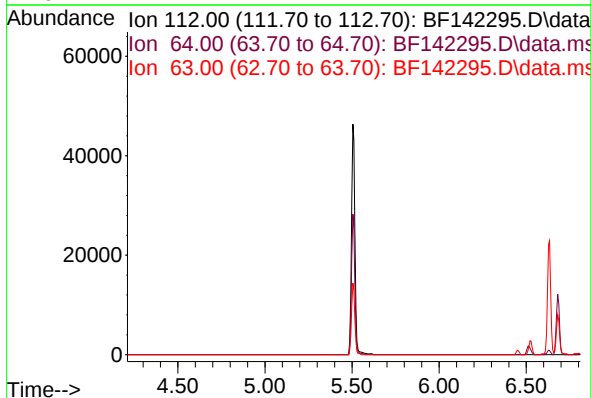
Tgt Ion:152 Resp: 220458
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.6 190.0
 115 57.9 47.3 70.9



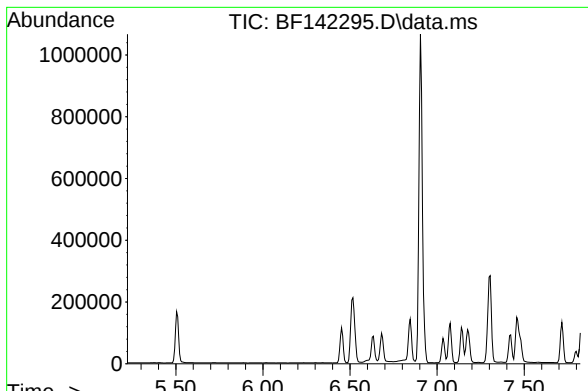
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.51 min

Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 61.1
 63 32.0



Ion 64.00 (63.70 to 64.70): BF142295.D\data.ms
 Ion 63.00 (62.70 to 63.70): BF142295.D\data.ms

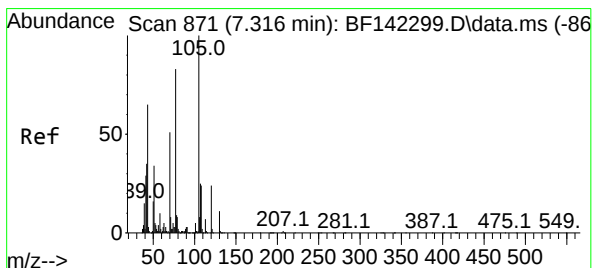
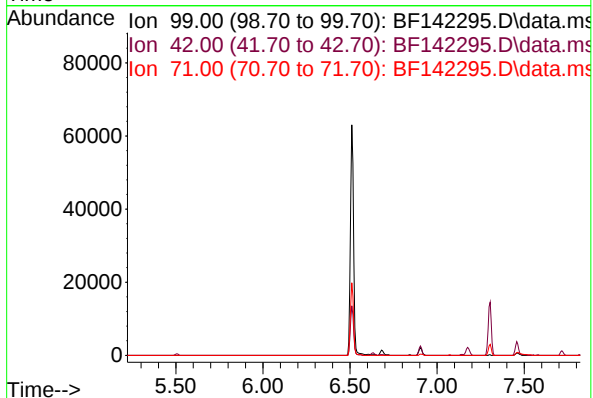


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.52 min
 Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

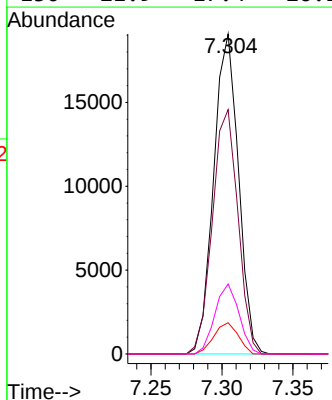
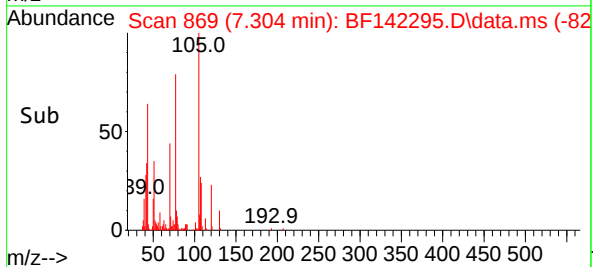
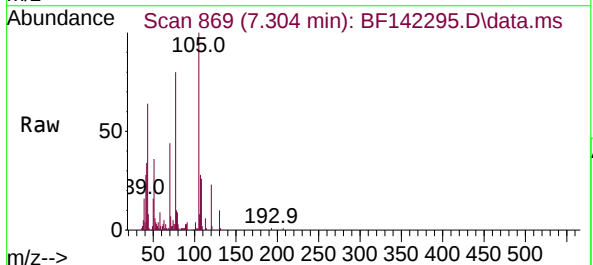
Sig	Exp Ratio
99	100
42	21.2
71	32.3

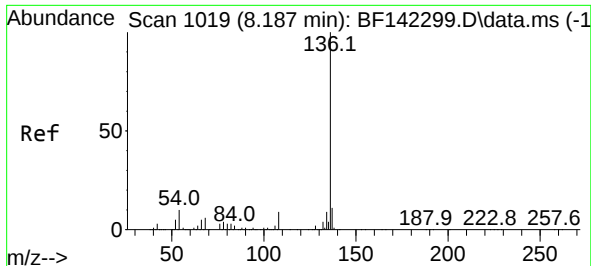


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.356 ng
 RT: 7.304 min Scan# 869
 Delta R.T. -0.012 min
 Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Tgt Ion: 70 Resp: 23149

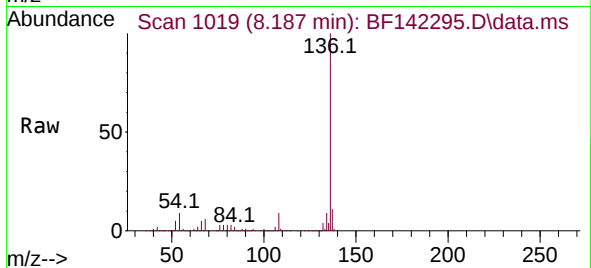
Ion	Ratio	Lower	Upper
70	100		
42	76.4	54.8	82.2
101	9.7	7.7	11.5
130	21.9	17.4	26.2



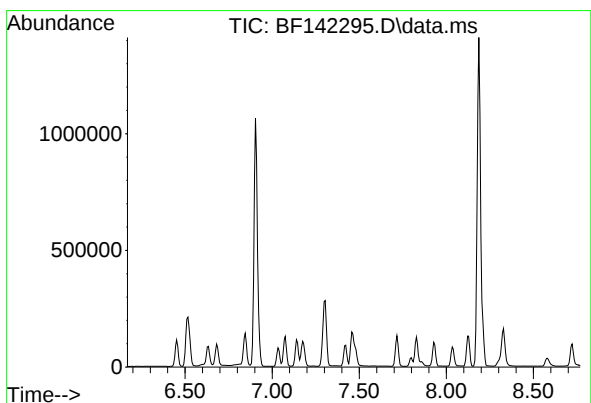
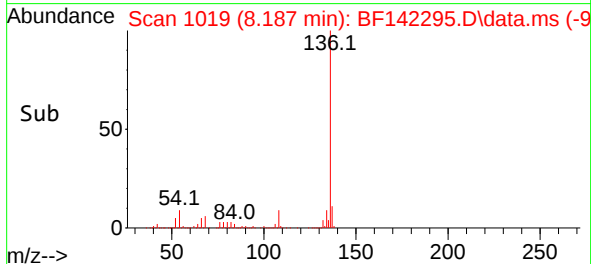
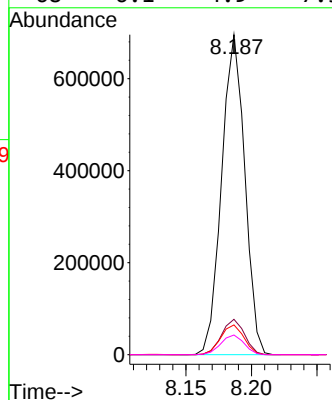


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



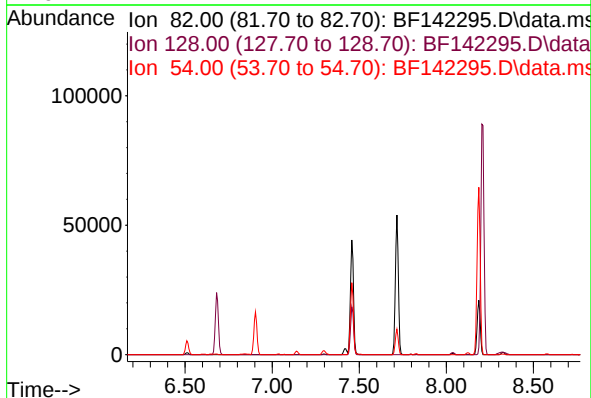
Tgt Ion:136 Resp: 851705
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 7.7 11.5
68 6.1 4.9 7.3

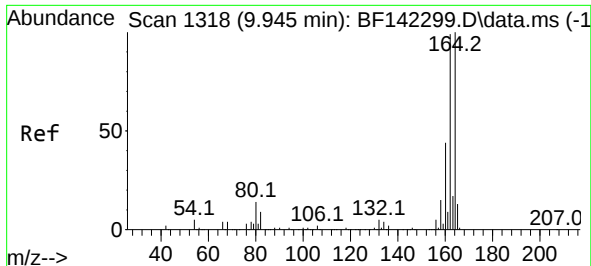


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

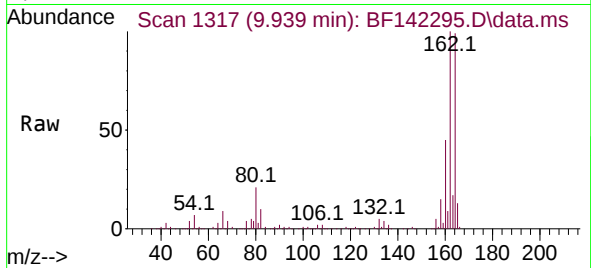
Tgt Ion: 82
Sig Exp Ratio
82 100
128 46.3
54 60.8



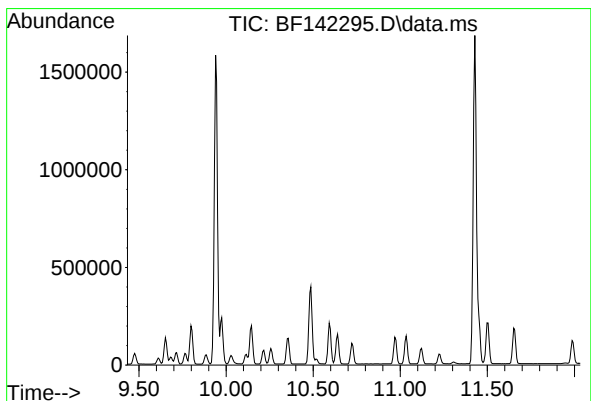
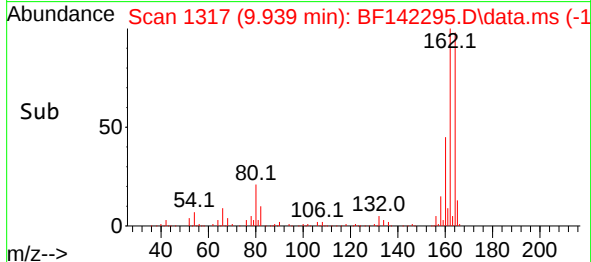
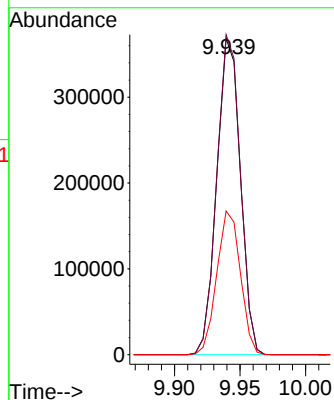


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



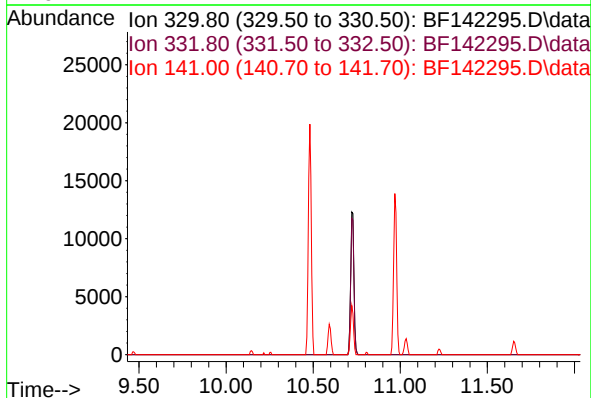
Tgt Ion:164 Resp: 461090
Ion Ratio Lower Upper
164 100
162 101.2 79.2 118.8
160 45.4 35.3 52.9

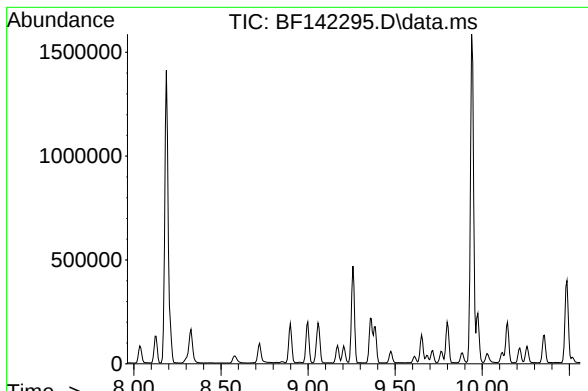


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.0
141 31.1



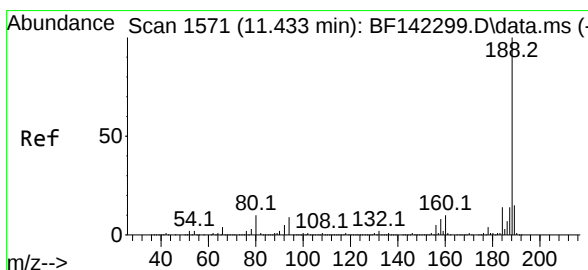
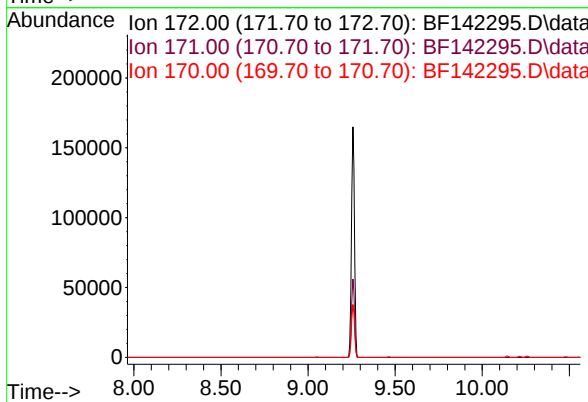


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.26 min
 Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Instrument : BNA_F
 ClientSampleId : SSTDICC2.5

Tgt Ion: 172

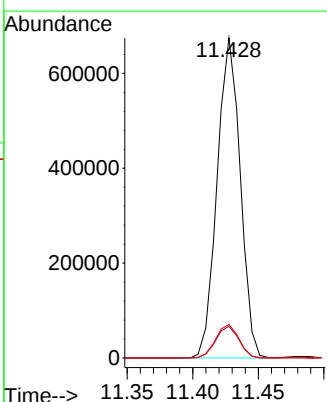
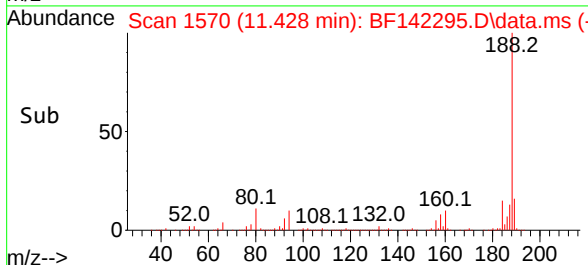
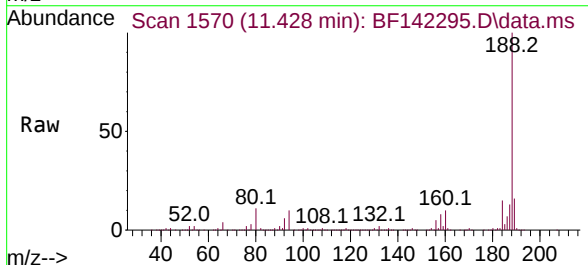
Sig	Exp Ratio
172	100
171	35.7
170	23.7

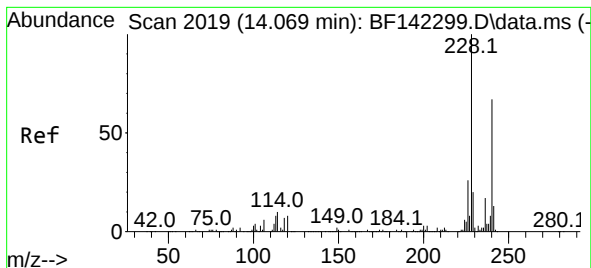


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF142295.D
 Acq: 05 May 2025 13:54

Tgt Ion: 188 Resp: 826586

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.5	11.3
80	10.5	7.9	11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142295.D

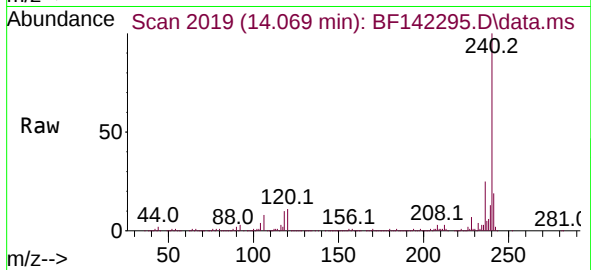
Acq: 05 May 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



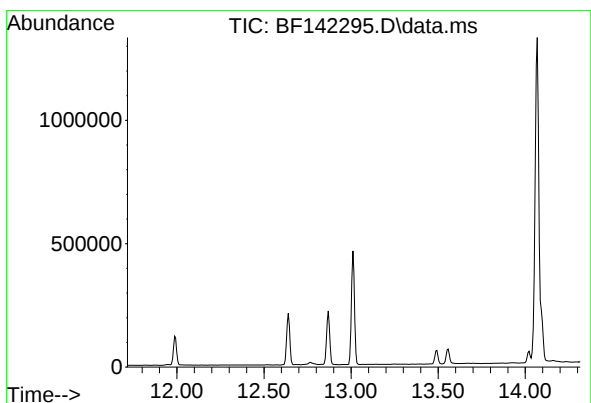
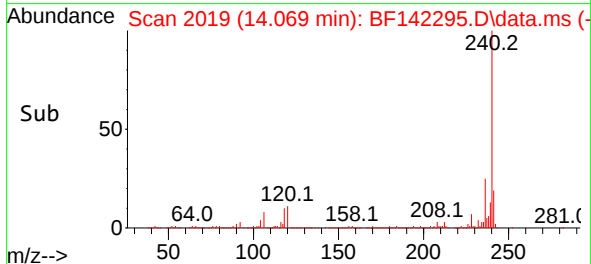
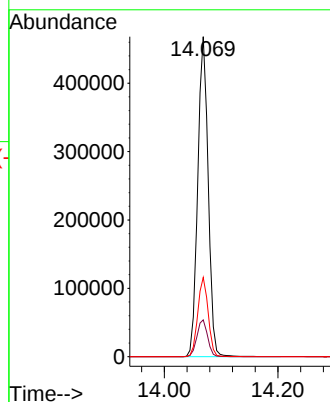
Tgt Ion:240 Resp: 600134

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 24.7 20.0 30.0



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.02 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

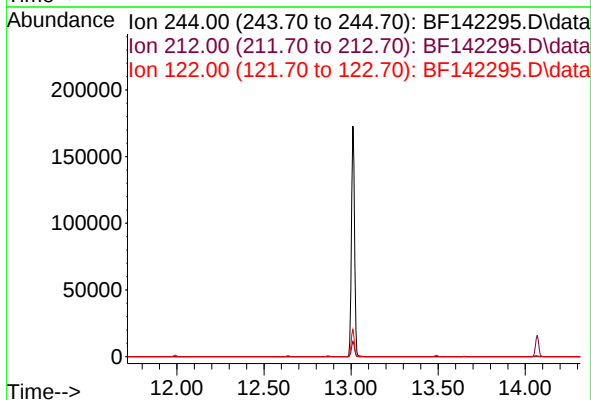
Tgt Ion: 244

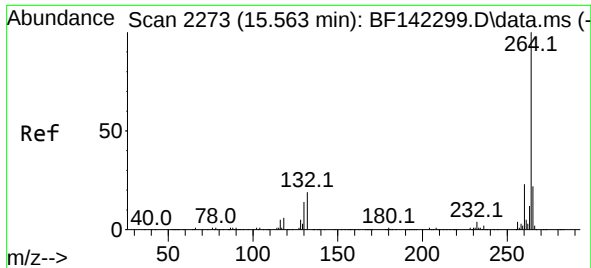
Sig Exp Ratio

244 100

212 6.8

122 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 417952

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.3	17.5	26.3

