

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142788.D
 Acq On : 19 Jun 2025 17:07
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jun 20 04:37:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

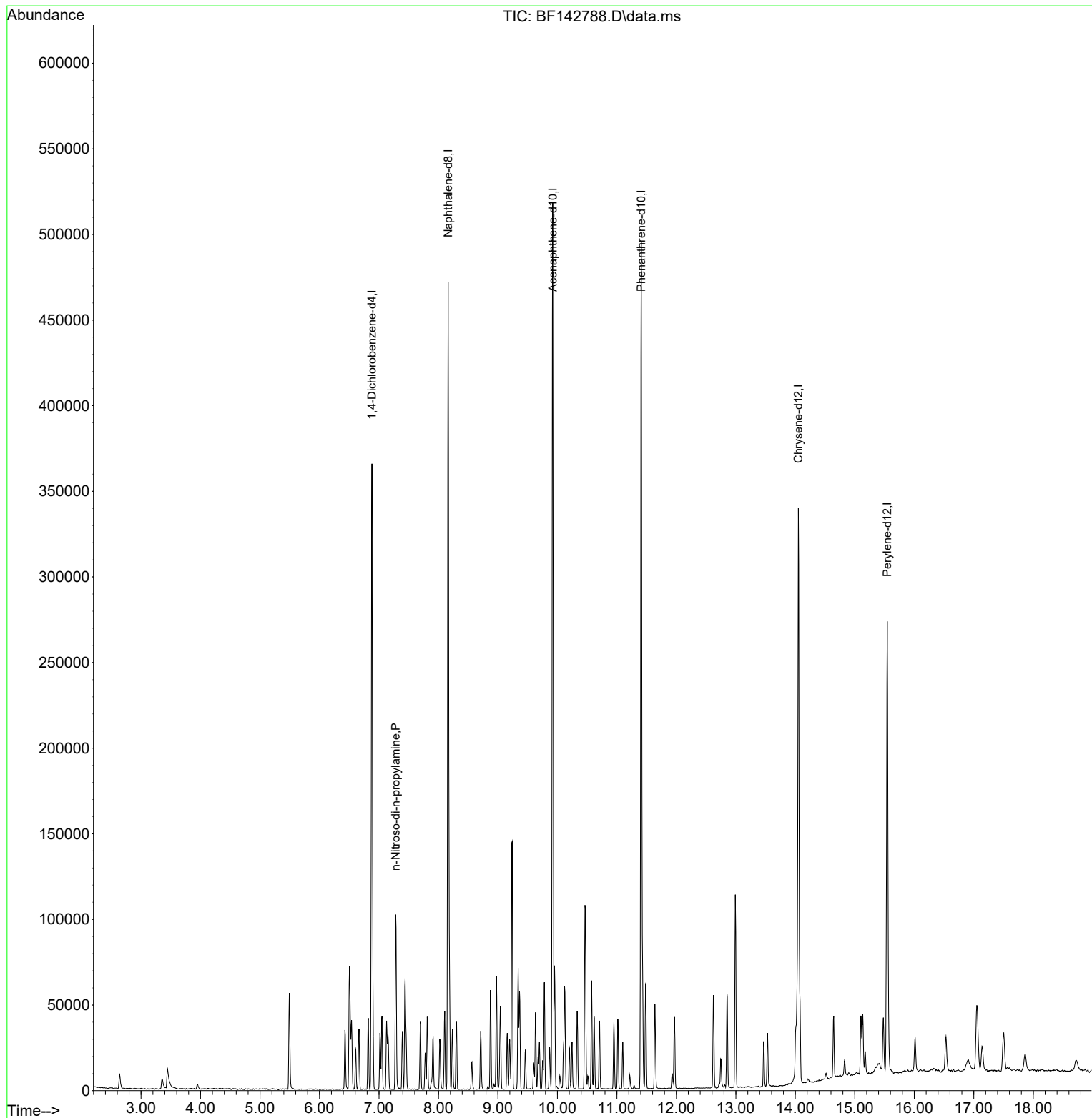
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295295	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	258429	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149767	20.000	ng	0.00
86) Perylene-d12	15.545	264	154736	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...	7.281	70	8100	2.392	ng	97

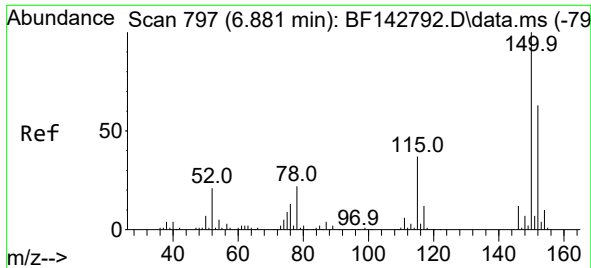
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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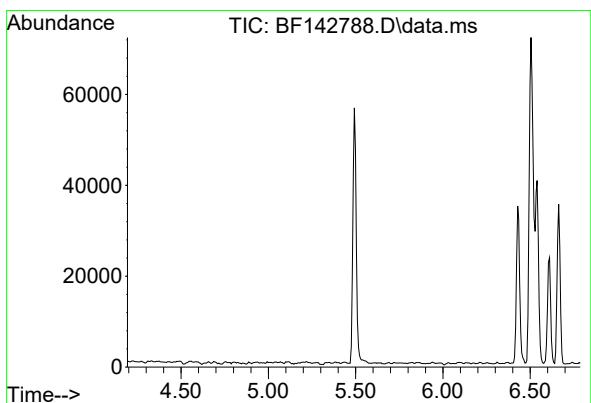
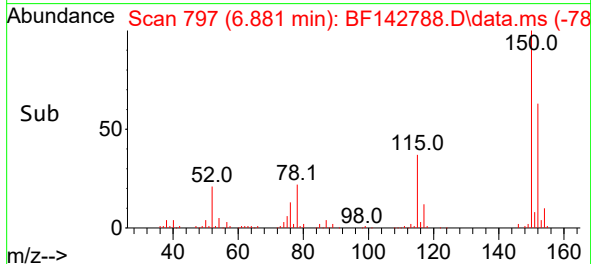
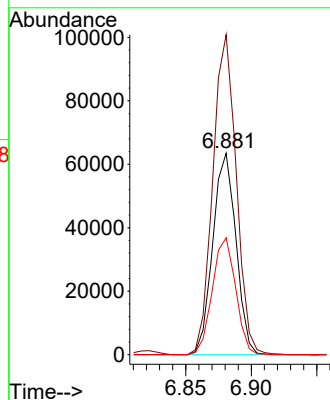
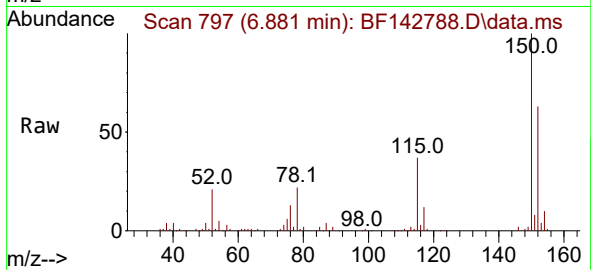


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:152 Resp: 77977

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.2	190.8
115	58.1	46.6	69.8

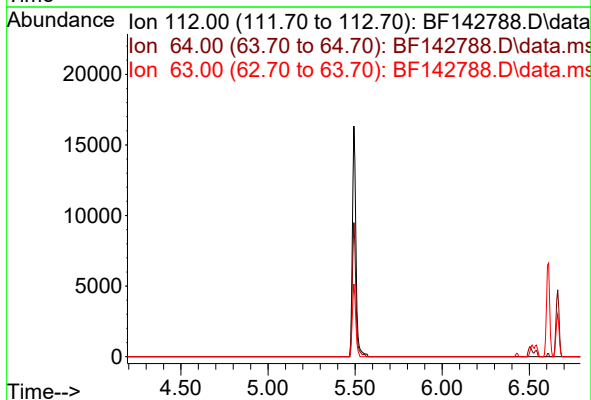


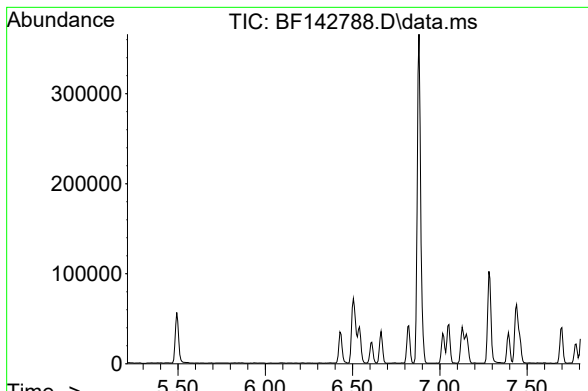
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min

Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.2
63	32.1



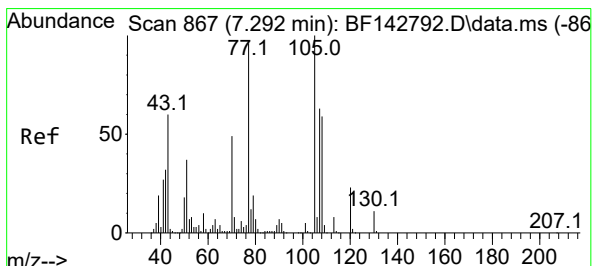
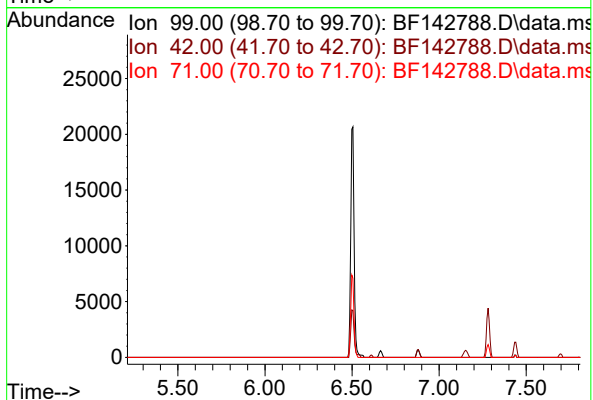


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.51 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

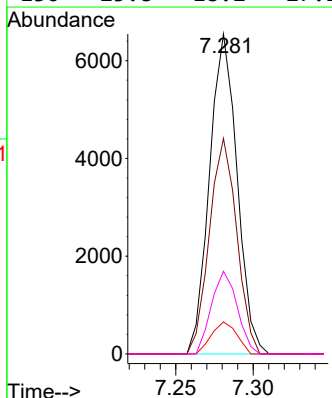
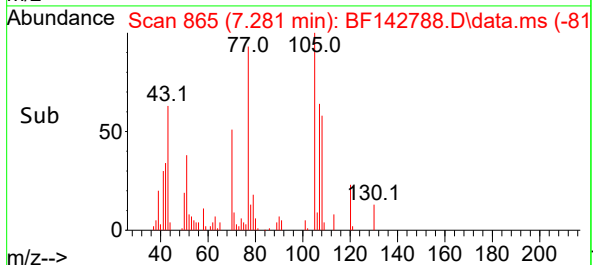
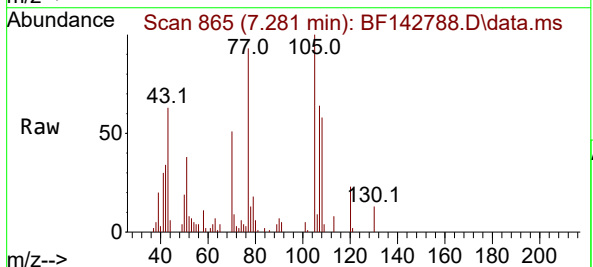
Sig	Exp Ratio
99	100
42	19.9
71	34.8

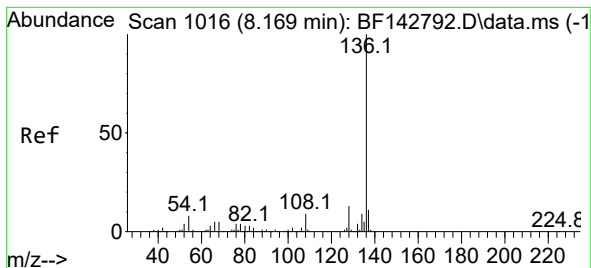


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.392 ng
 RT: 7.281 min Scan# 865
 Delta R.T. -0.012 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Tgt Ion: 70 Resp: 8100

Ion	Ratio	Lower	Upper
70	100		
42	67.3	52.1	78.1
101	10.0	8.2	12.2
130	25.8	18.2	27.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142788.D

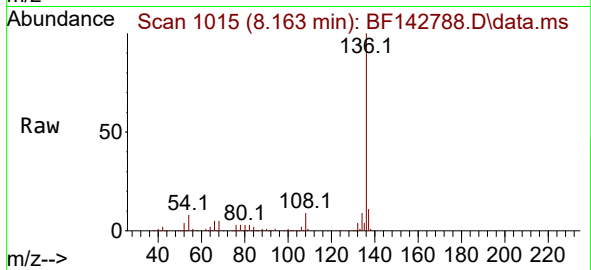
Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 295295

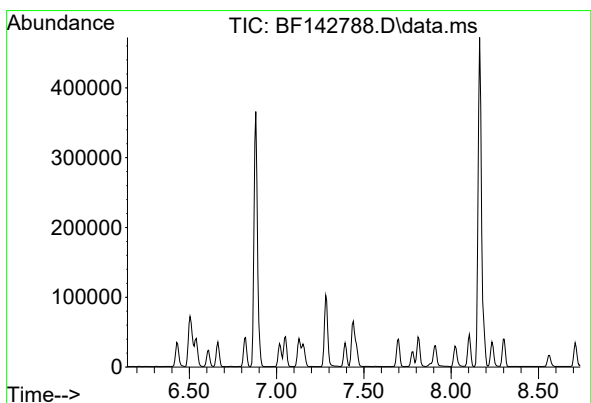
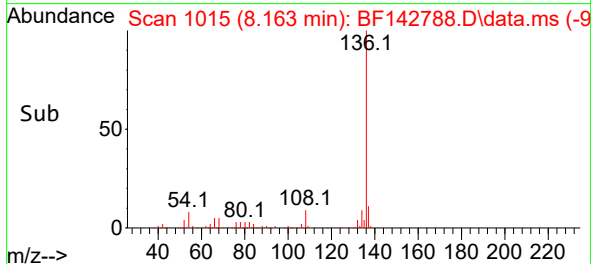
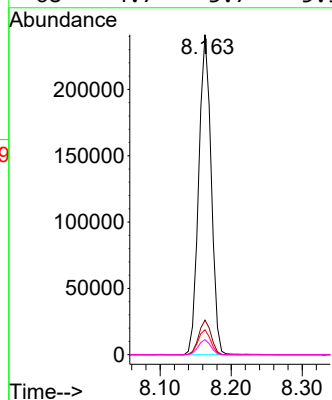
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.8 6.3 9.5

68 4.7 3.7 5.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

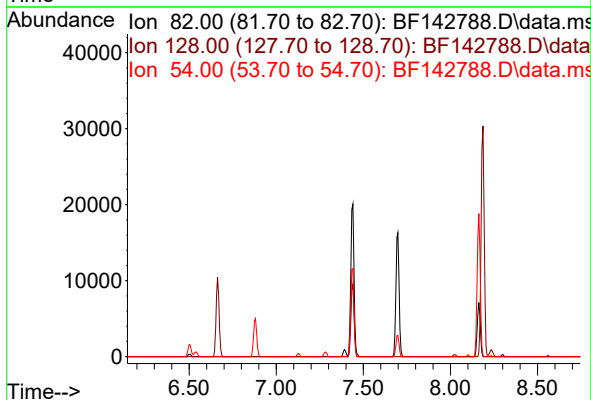
Tgt Ion: 82

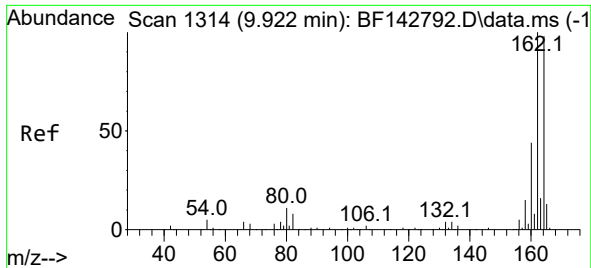
Sig Exp Ratio

82 100

128 47.1

54 57.1

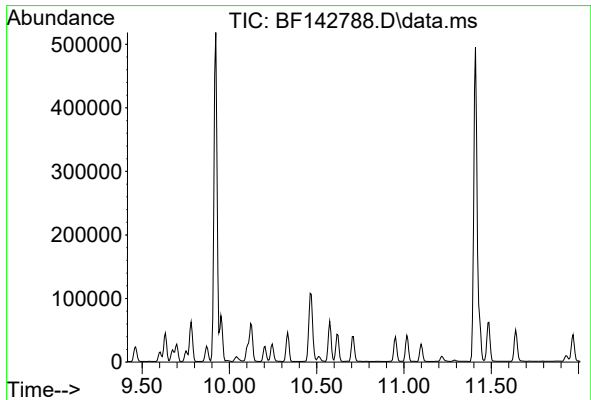
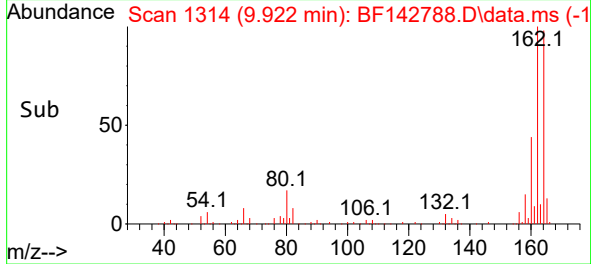
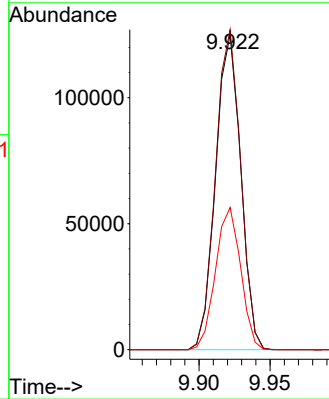
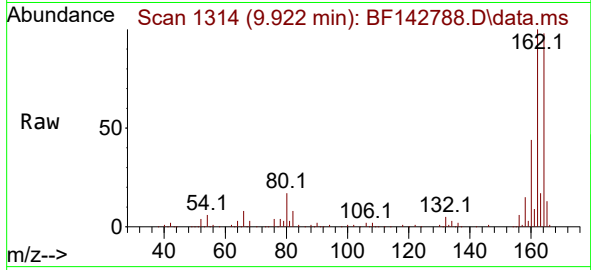




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

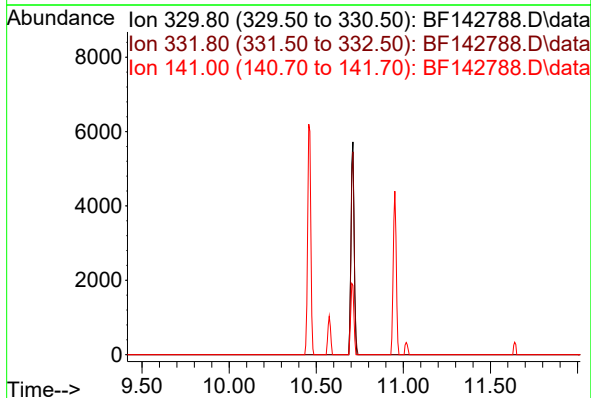
Tgt Ion:164 Resp: 153580
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.8 122.8
 160 45.1 36.0 54.0

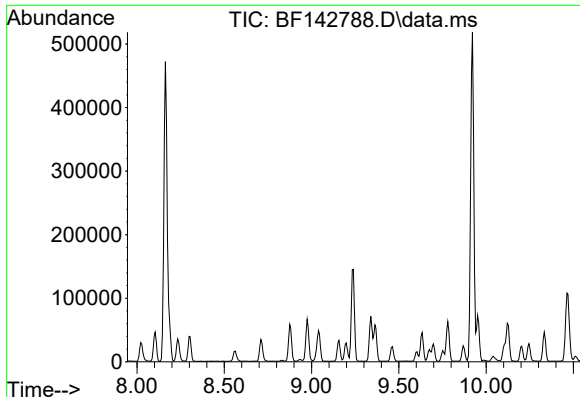


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.72 min

Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 93.8
 141 31.6

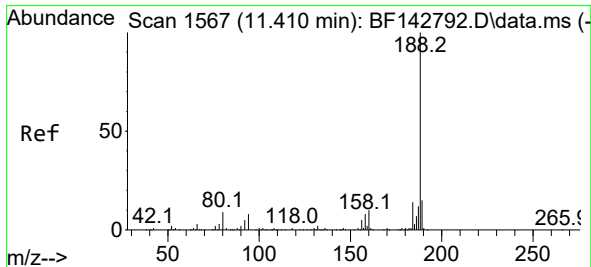
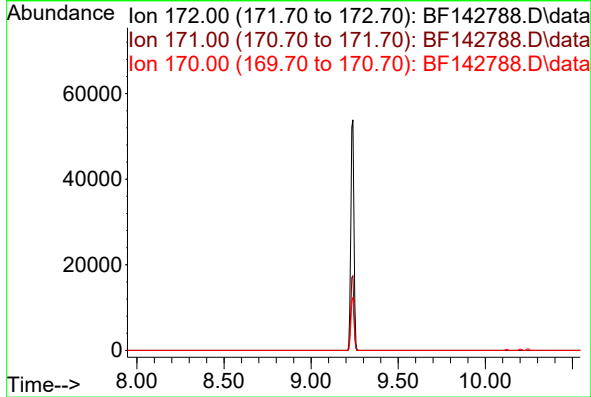




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.25 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

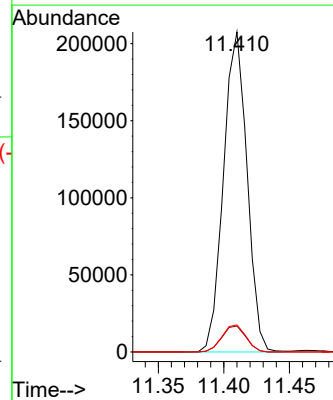
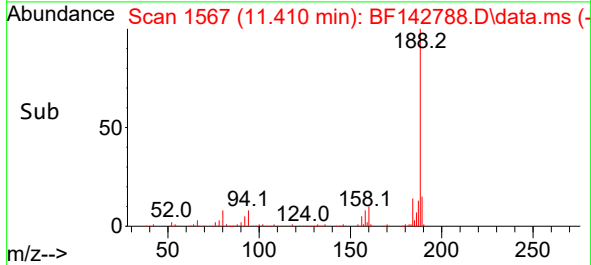
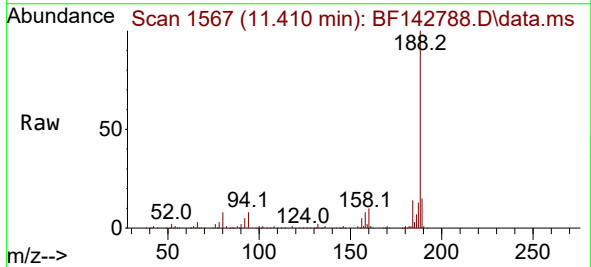
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

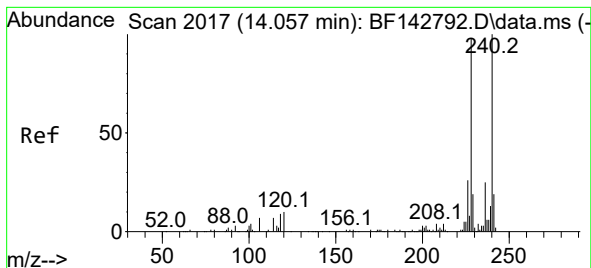
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.3
 170 23.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1567
 Delta R.T. 0.000 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Tgt Ion: 188 Resp: 258429
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 8.5 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

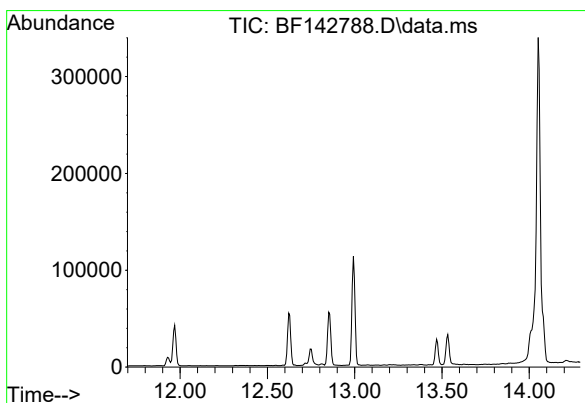
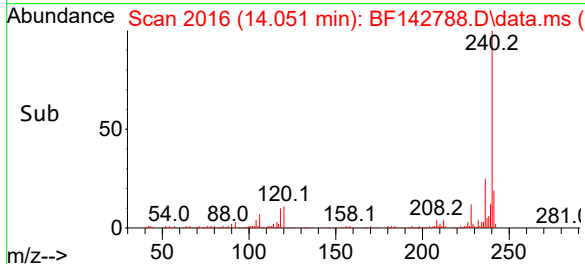
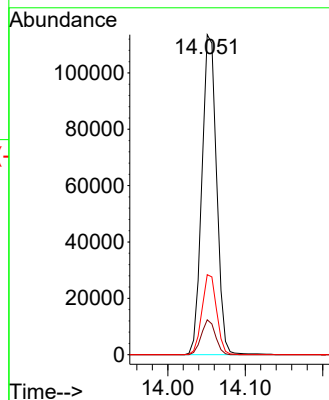
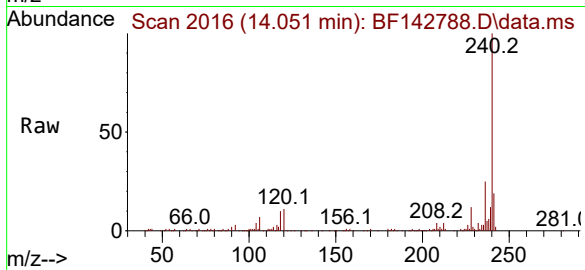
Tgt Ion:240 Resp: 149767

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

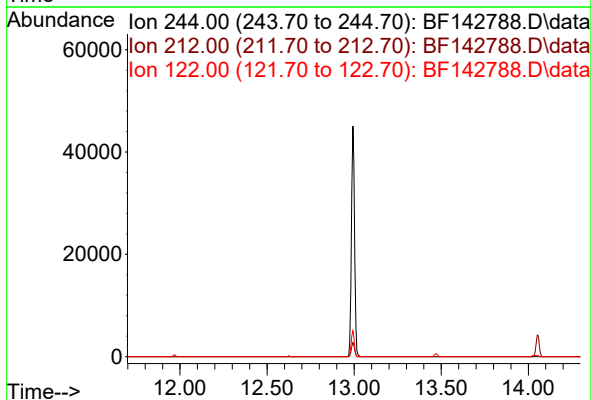
Tgt Ion: 244

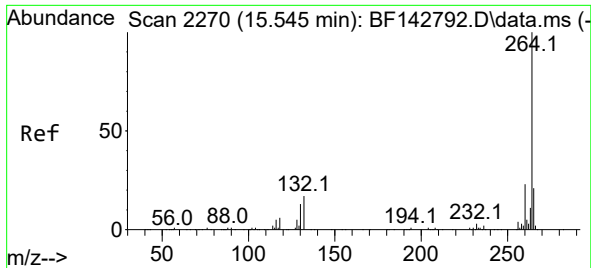
Sig Exp Ratio

244 100

212 6.7

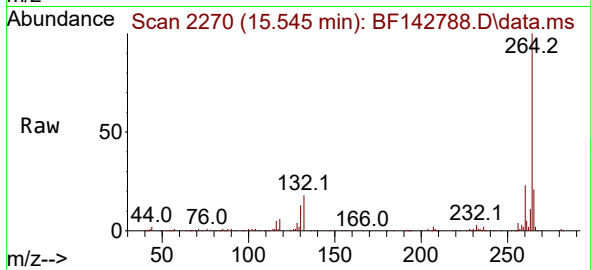
122 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142788.D
 Acq: 19 Jun 2025 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5



Tgt Ion:264 Resp: 154736
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 20.9 16.6 25.0

