

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142461.D
 Acq On : 19 May 2025 19:54
 Operator : RC/JU
 Sample : Q1984-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-25-050725

Quant Time: May 20 05:50:07 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 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91014	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	349016	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	191800	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	317081	20.000	ng	0.00
76) Chrysene-d12	14.068	240	223361	20.000	ng	0.00
86) Perylene-d12	15.557	264	187737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	428241	80.322	ng	0.00
7) Phenol-d6	6.522	99	526932	80.357	ng	0.00
23) Nitrobenzene-d5	7.463	82	316645	55.331	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	159304	86.027	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	658963	48.989	ng	0.00
79) Terphenyl-d14	13.010	244	552504	36.612	ng	0.00

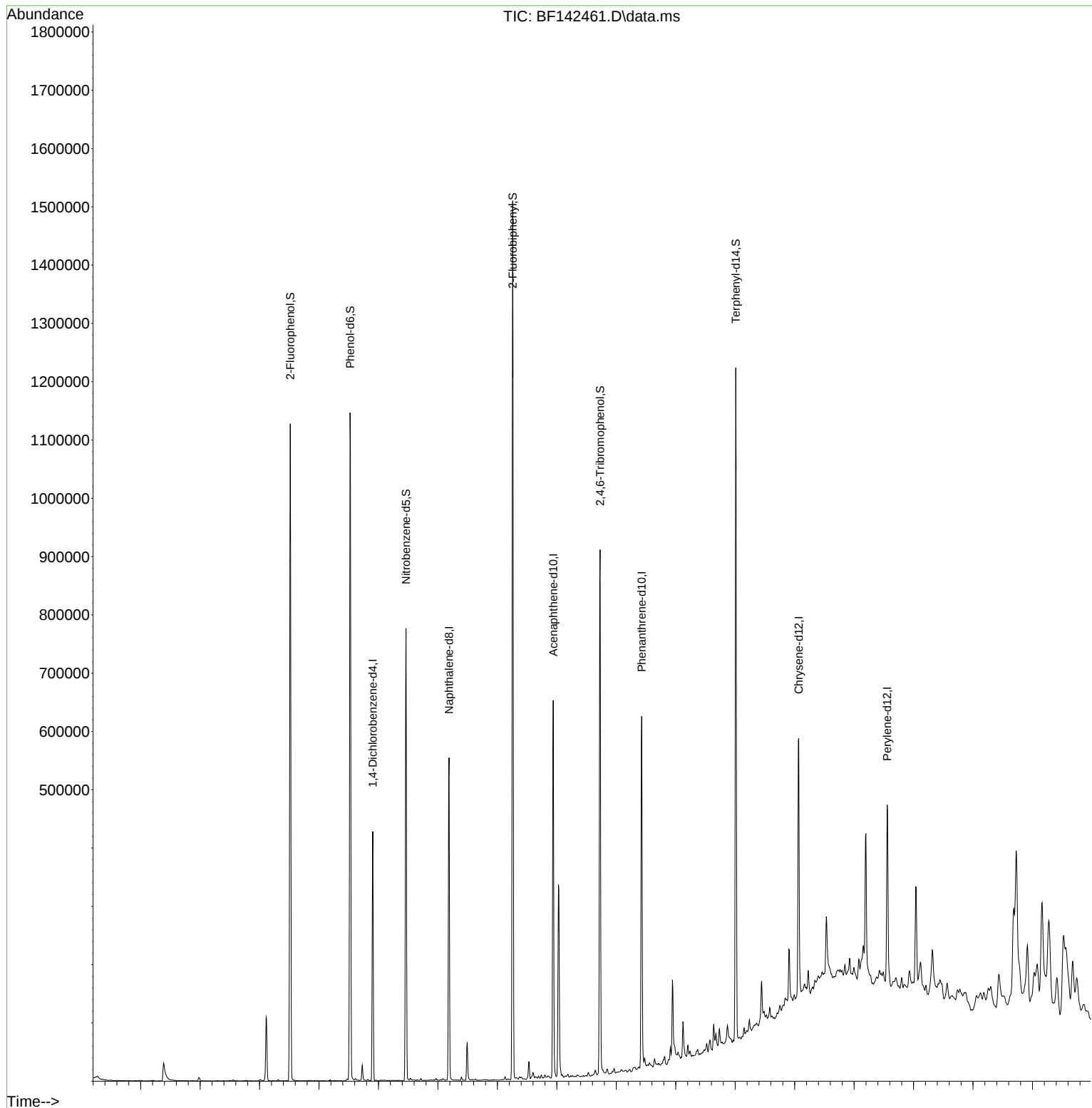
Target Compounds Qvalue

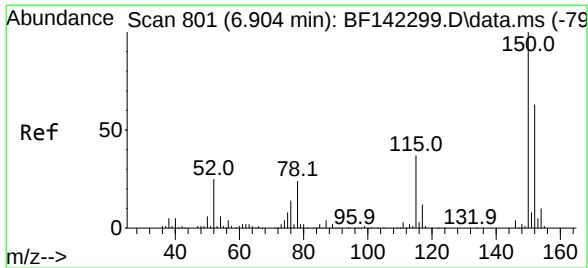
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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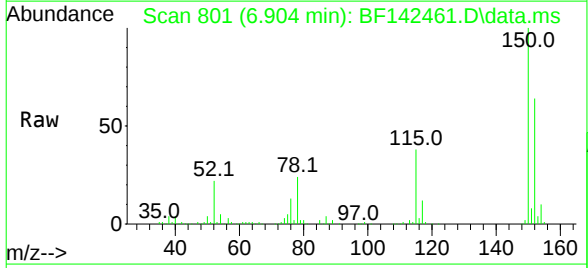
Quant Time: May 20 05:50:07 2025
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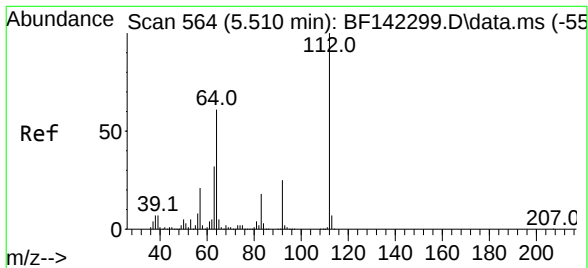
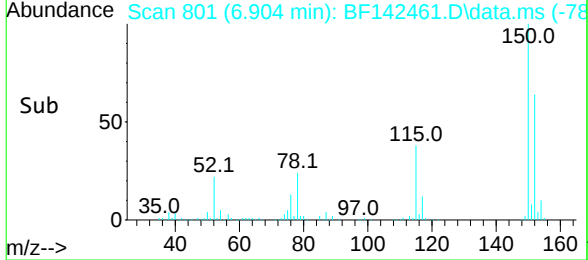
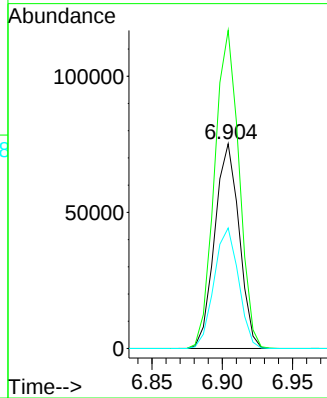


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :
OU4-TS-25-050725

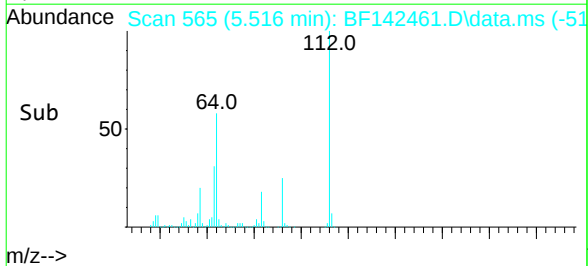
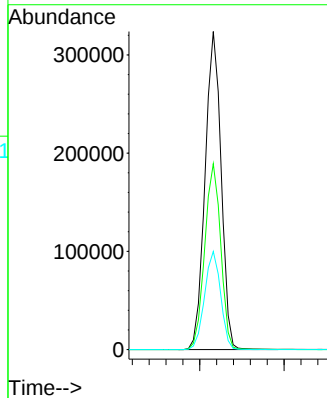
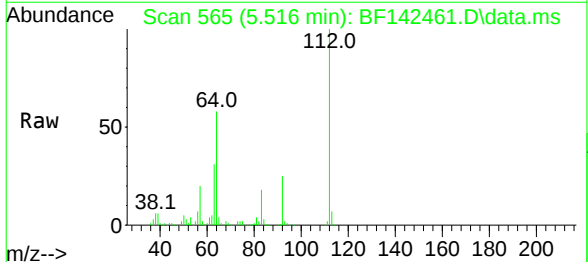


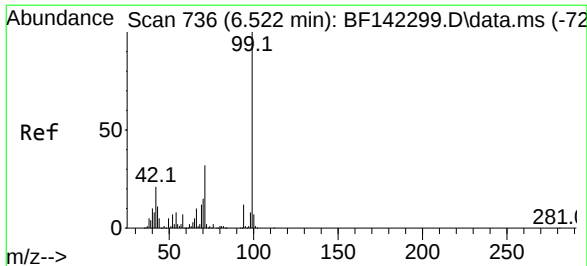
Tgt Ion:152 Resp: 91014
Ion Ratio Lower Upper
152 100
150 155.3 126.6 190.0
115 58.8 47.3 70.9



#5
2-Fluorophenol
Concen: 80.322 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Tgt Ion:112 Resp: 428241
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.9 25.6 38.4

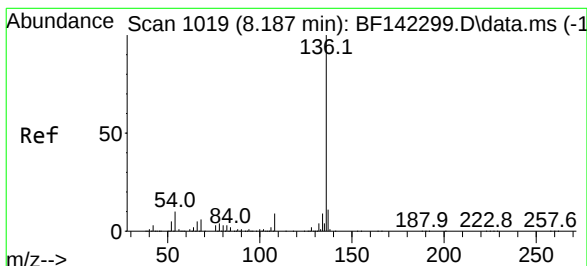
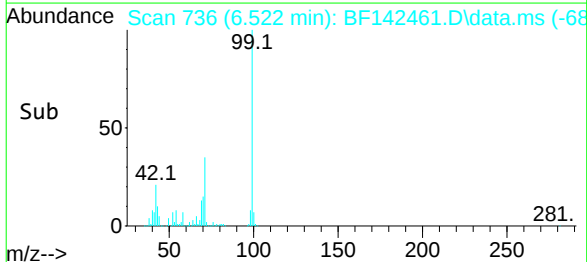
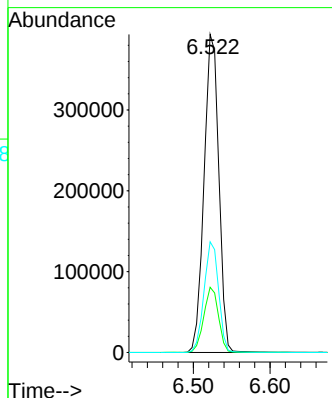
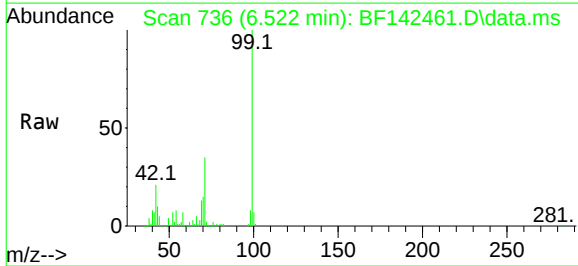




#7
Phenol-d6
Concen: 80.357 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

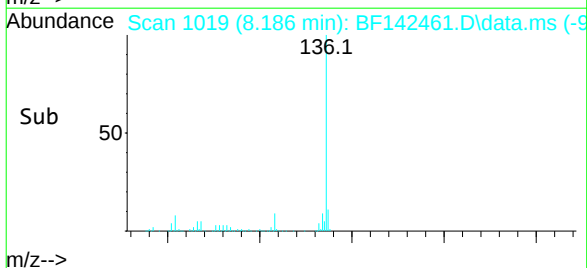
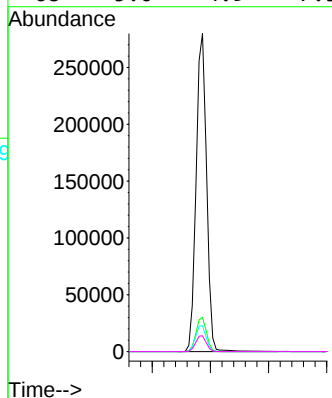
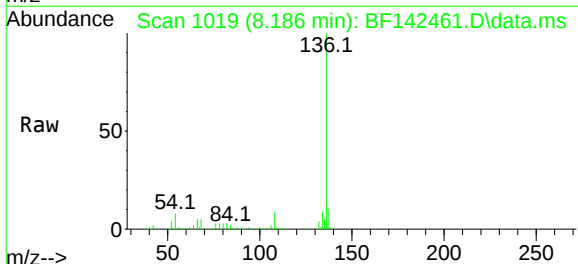
Instrument :
BNA_F
ClientSampleId :
OU4-TS-25-050725

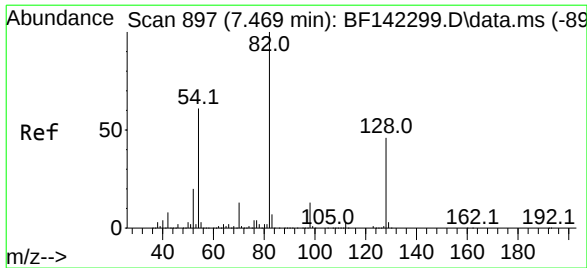
Tgt Ion: 99 Resp: 526932
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 34.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

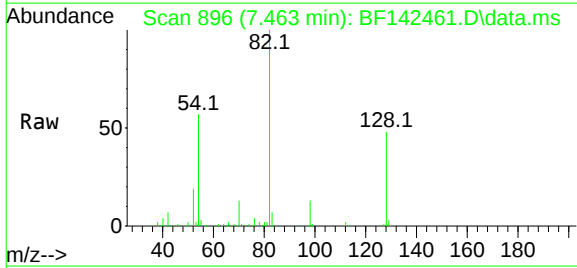
Tgt Ion: 136 Resp: 349016
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.7 11.5
68 5.0 4.9 7.3



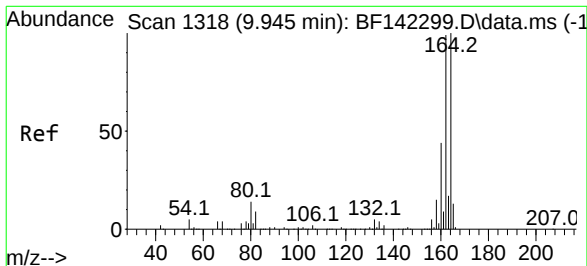
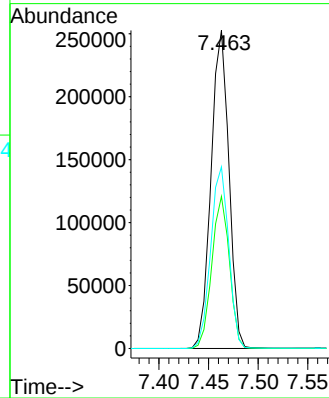
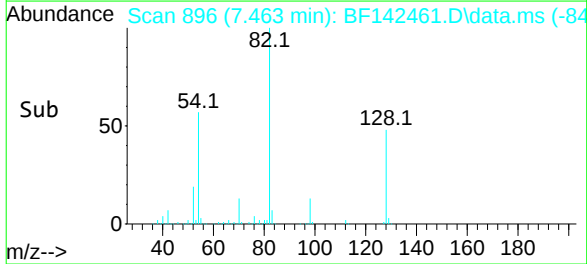


#23
 Nitrobenzene-d5
 Concen: 55.331 ng
 RT: 7.463 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54

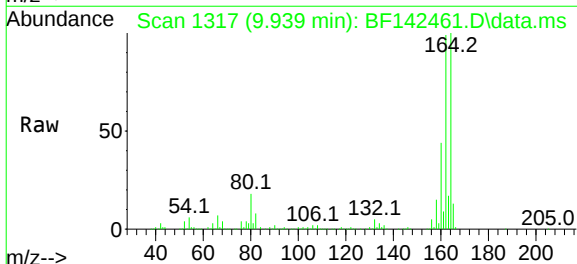
Instrument :
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 ClientSampleId :
 OU4-TS-25-050725



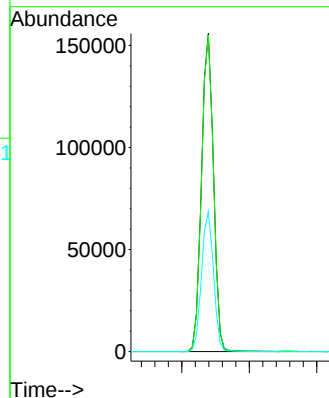
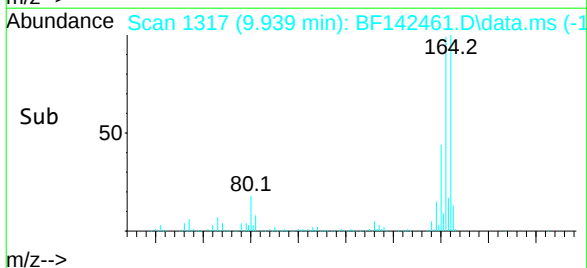
Tgt Ion: 82 Resp: 316645
 Ion Ratio Lower Upper
 82 100
 128 47.8 37.0 55.6
 54 57.1 48.6 73.0

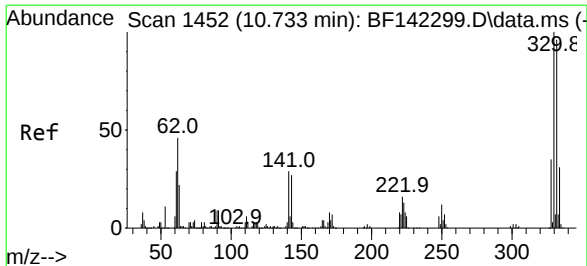


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF142461.D
 Acq: 19 May 2025 19:54



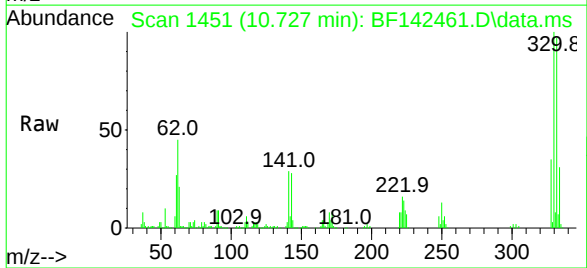
Tgt Ion: 164 Resp: 191800
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.2 118.8
 160 44.1 35.3 52.9



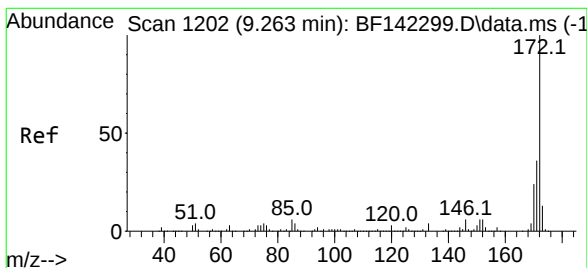
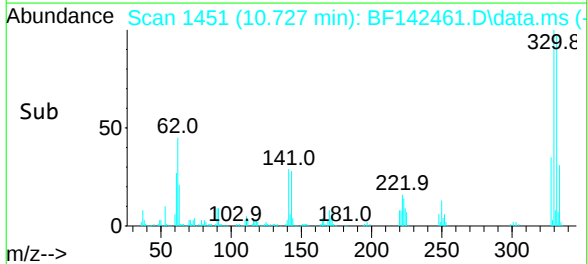
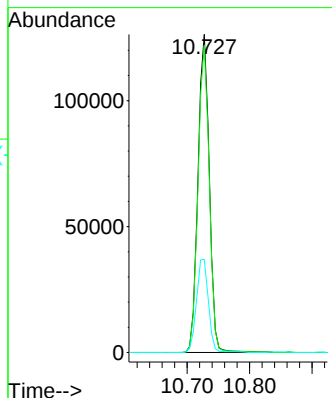


#42
2,4,6-Tribromophenol
Concen: 86.027 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Instrument :
BNA_F
ClientSampleId :
OU4-TS-25-050725

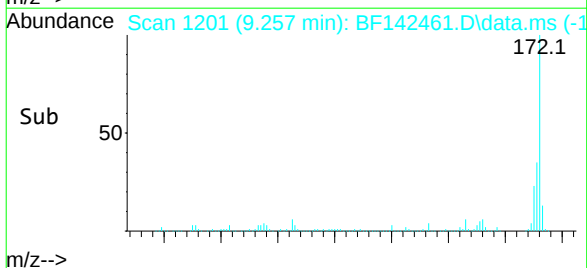
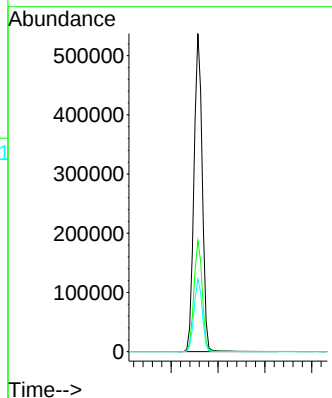
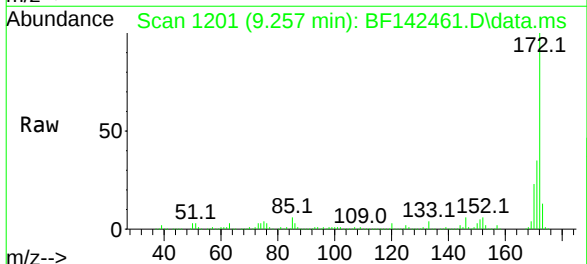


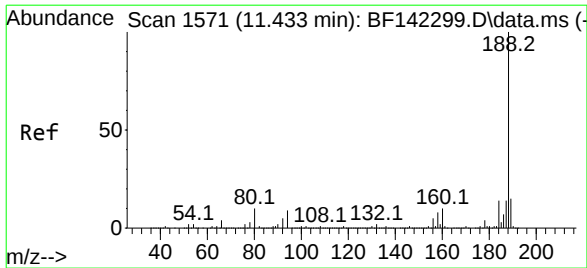
Tgt Ion: 330 Resp: 159304
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 31.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 48.989 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142461.D
Acq: 19 May 2025 19:54

Tgt Ion: 172 Resp: 658963
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142461.D

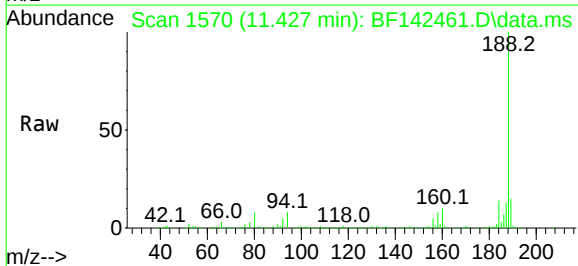
Acq: 19 May 2025 19:54

Instrument :

BNA_F

ClientSampleId :

OU4-TS-25-050725



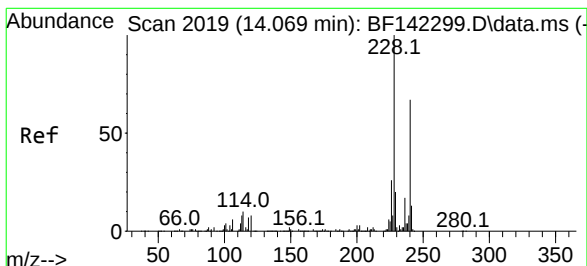
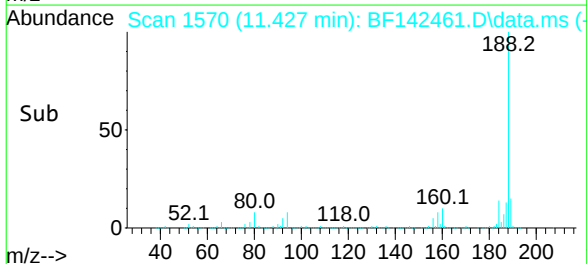
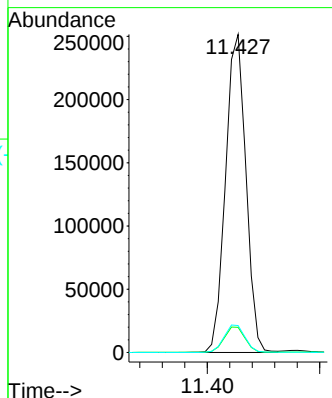
Tgt Ion:188 Resp: 317081

Ion Ratio Lower Upper

188 100

94 7.9 7.5 11.3

80 8.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142461.D

Acq: 19 May 2025 19:54

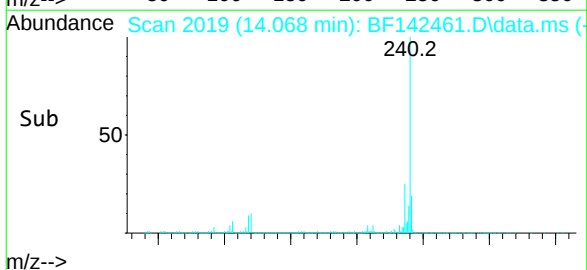
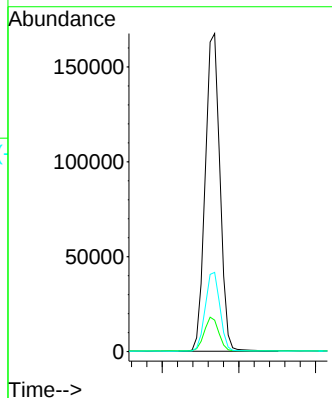
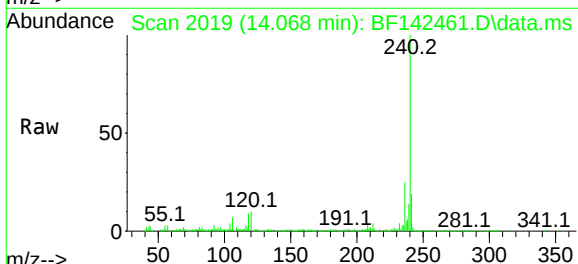
Tgt Ion:240 Resp: 223361

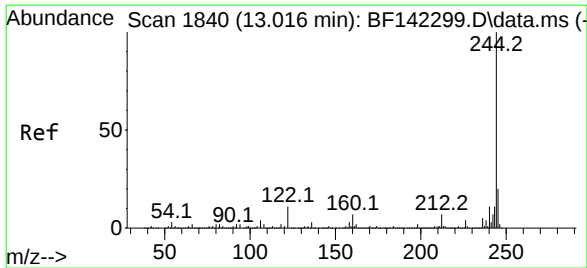
Ion Ratio Lower Upper

240 100

120 9.9 9.7 14.5

236 24.9 20.0 30.0





#79

Terphenyl-d14

Concen: 36.612 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142461.D

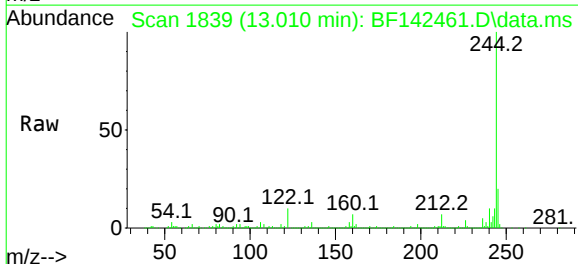
Acq: 19 May 2025 19:54

Instrument :

BNA_F

ClientSampleId :

OU4-TS-25-050725



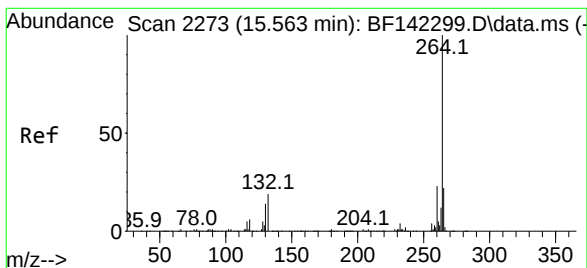
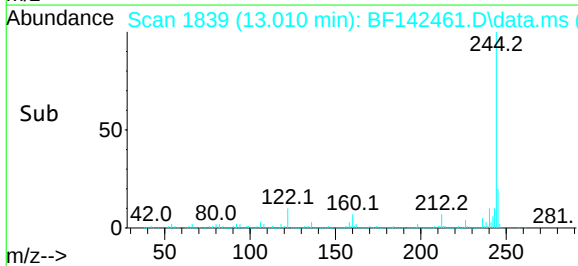
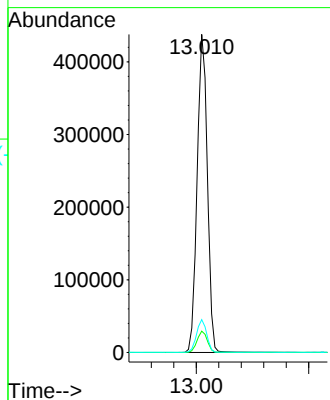
Tgt Ion:244 Resp: 552504

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142461.D

Acq: 19 May 2025 19:54

Tgt Ion:264 Resp: 187737

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 17.5 26.3

