

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142450.D
Acq On : 19 May 2025 14:35
Operator : RC/JU
Sample : Q2032-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-37

Quant Time: May 19 15:02:56 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 18:41:44 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127525	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	447596	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242643	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	434004	20.000	ng	0.00
76) Chrysene-d12	14.063	240	324890	20.000	ng	0.00
86) Perylene-d12	15.557	264	309632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	599807	80.291	ng	0.00
7) Phenol-d6	6.522	99	717563	78.098	ng	0.00
23) Nitrobenzene-d5	7.457	82	452702	61.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	225712	96.348	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	875746	51.463	ng	0.00
79) Terphenyl-d14	13.010	244	955320	43.522	ng	0.00

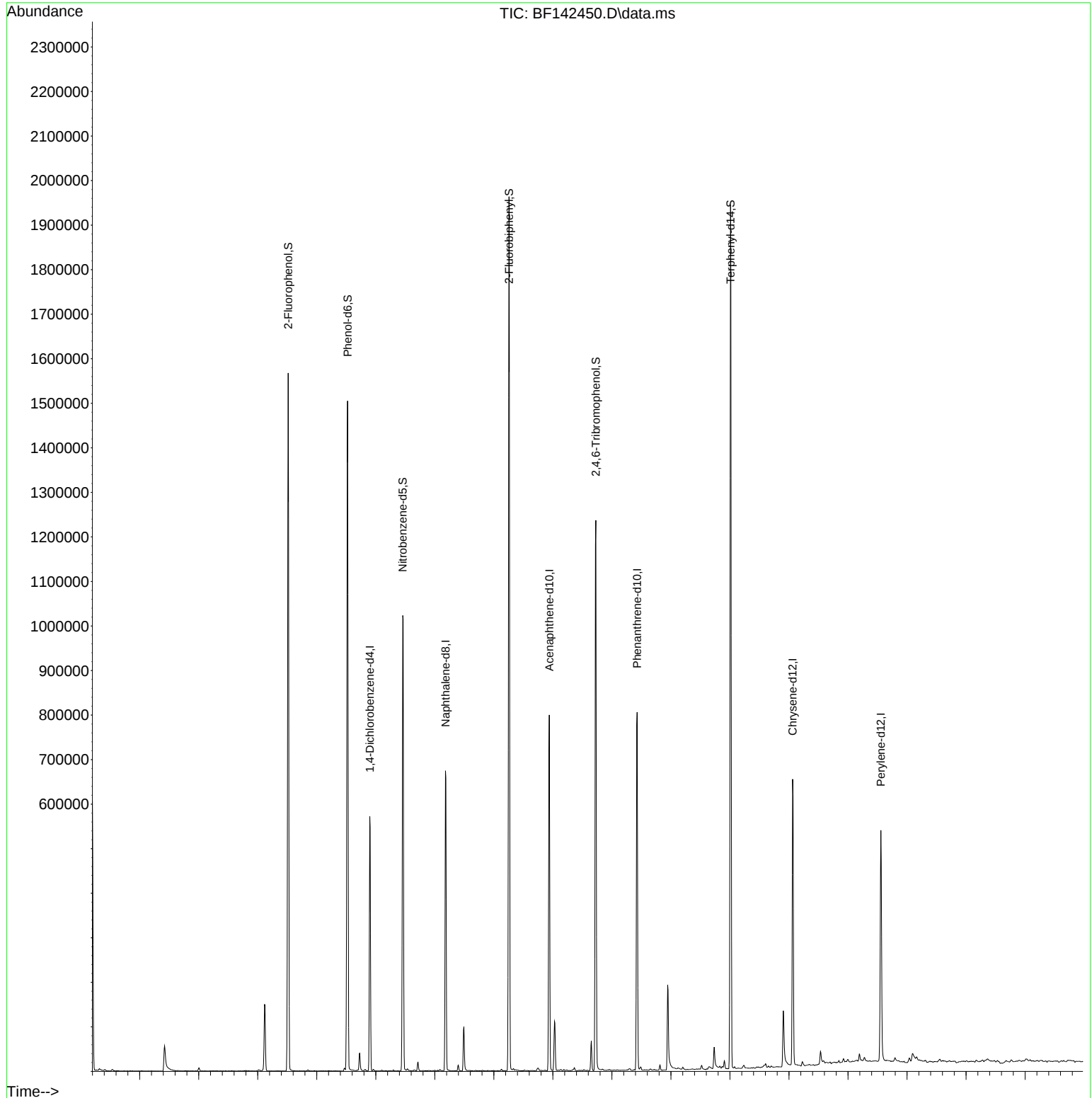
Target Compounds Qvalue

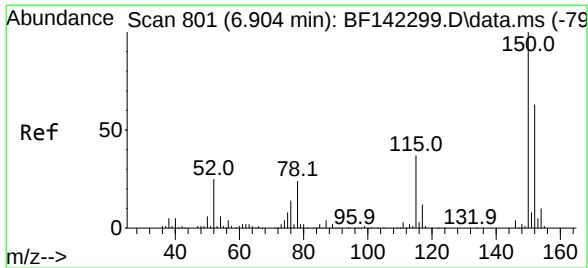
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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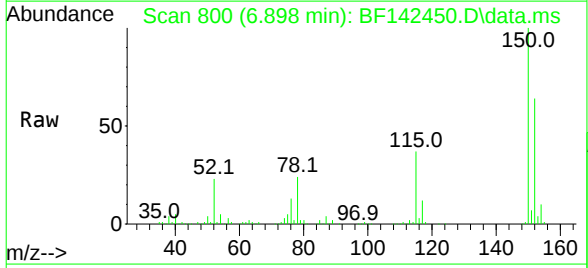
Quant Time: May 19 15:02:56 2025
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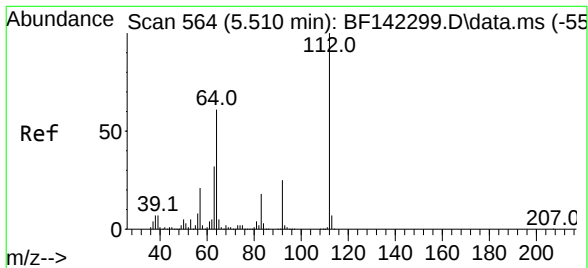
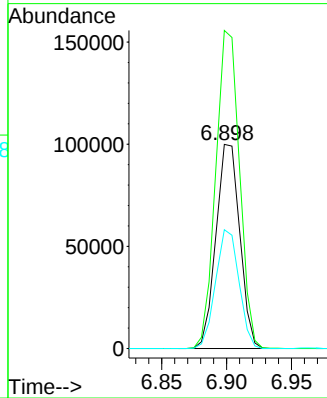
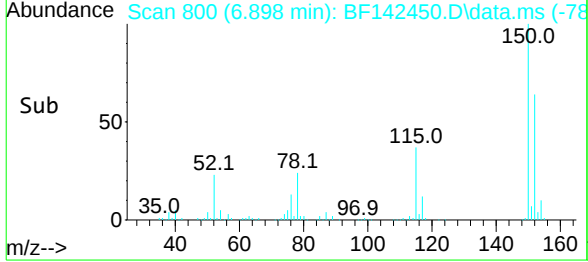


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

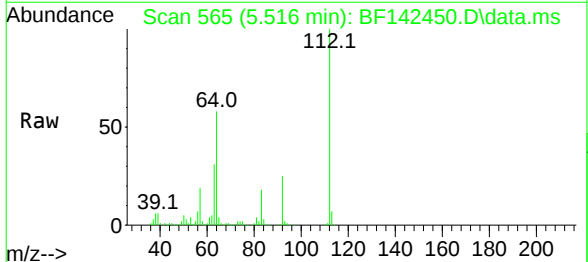
Instrument :
BNA_F
ClientSampleId :
TP-37



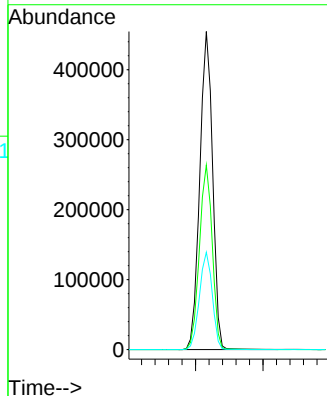
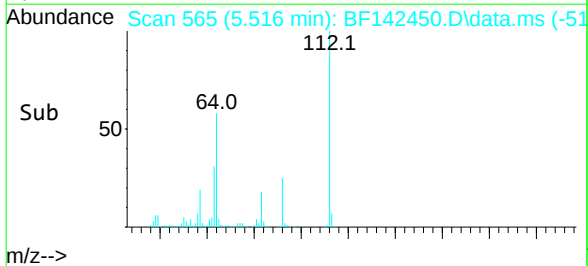
Tgt Ion:152 Resp: 127525
Ion Ratio Lower Upper
152 100
150 155.8 126.6 190.0
115 58.2 47.3 70.9

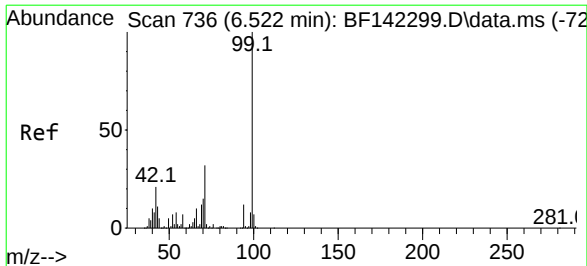


#5
2-Fluorophenol
Concen: 80.291 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35



Tgt Ion:112 Resp: 599807
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.6 25.6 38.4

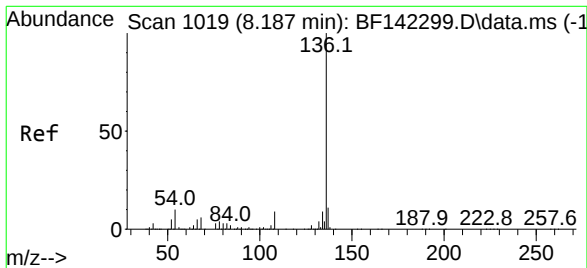
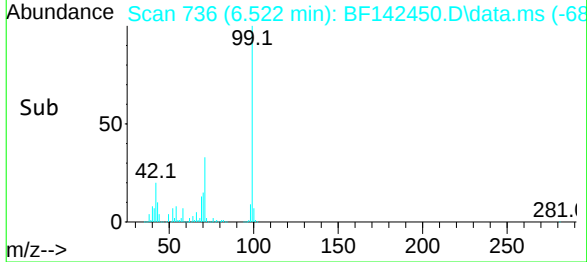
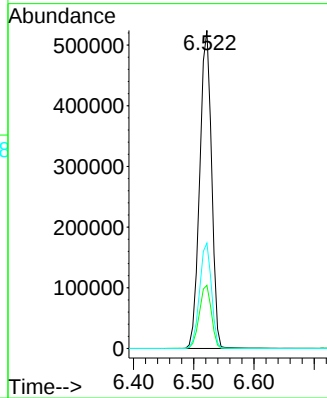
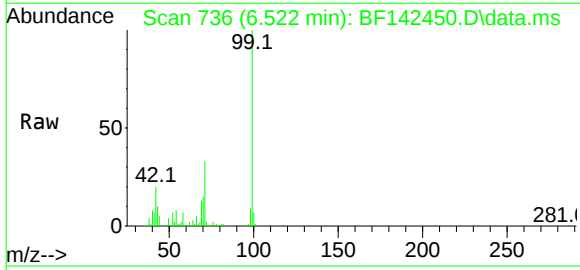




#7
Phenol-d6
Concen: 78.098 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

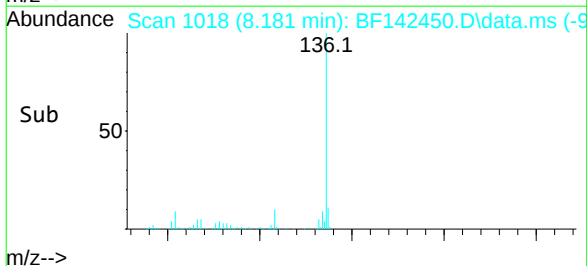
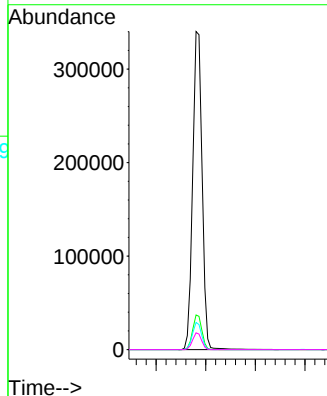
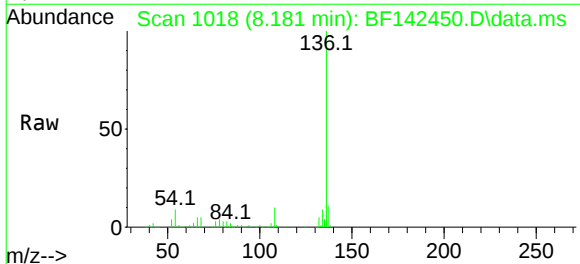
Instrument :
BNA_F
ClientSampleId :
TP-37

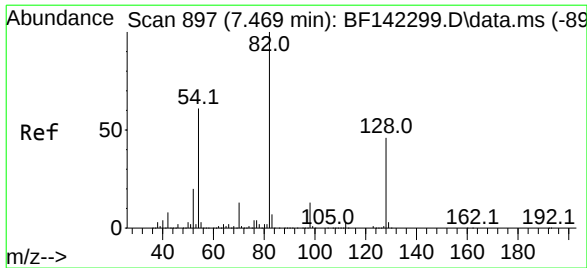
Tgt Ion: 99 Resp: 717563
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 33.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

Tgt Ion: 136 Resp: 447596
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 7.7 11.5
68 5.3 4.9 7.3

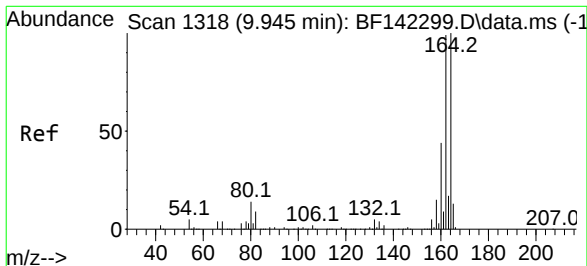
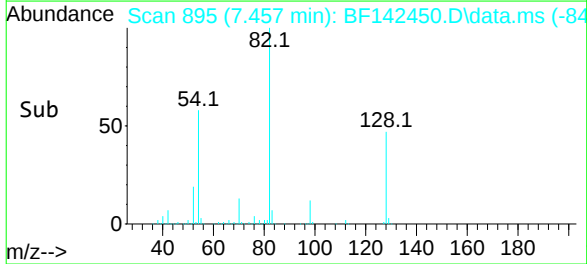
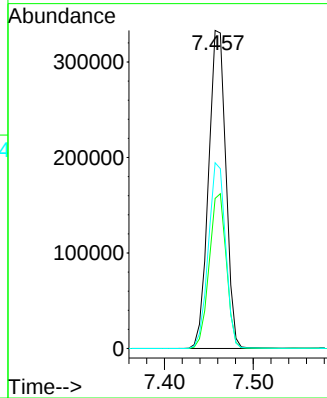
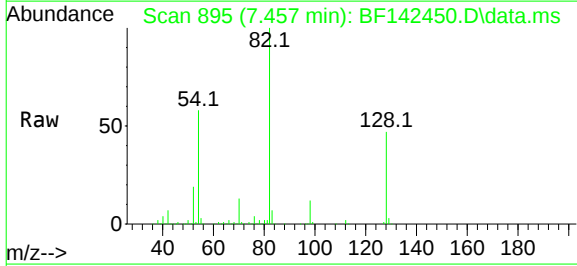




#23
 Nitrobenzene-d5
 Concen: 61.683 ng
 RT: 7.457 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

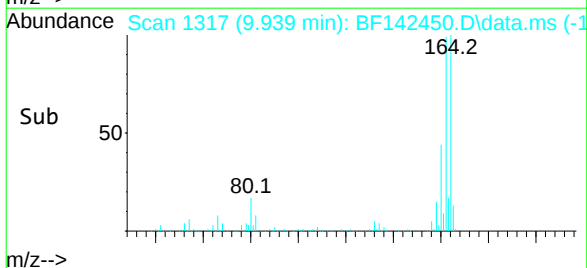
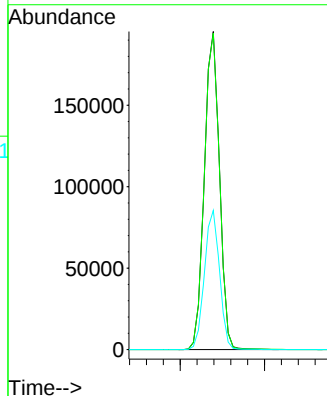
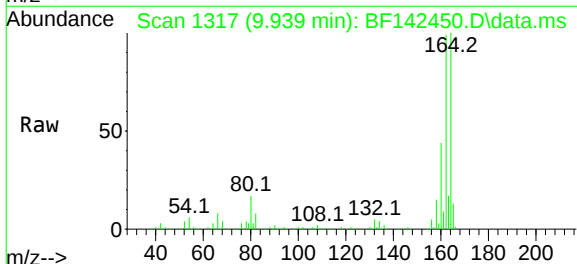
Instrument :
 BNA_F
 ClientSampleId :
 TP-37

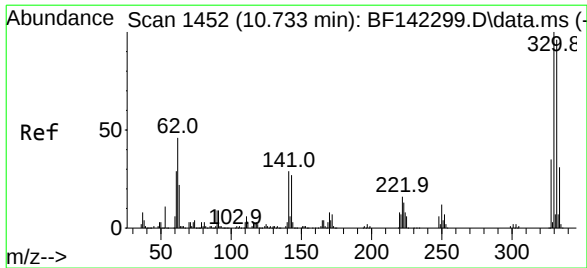
Tgt Ion: 82 Resp: 452702
 Ion Ratio Lower Upper
 82 100
 128 47.2 37.0 55.6
 54 58.4 48.6 73.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF142450.D
 Acq: 19 May 2025 14:35

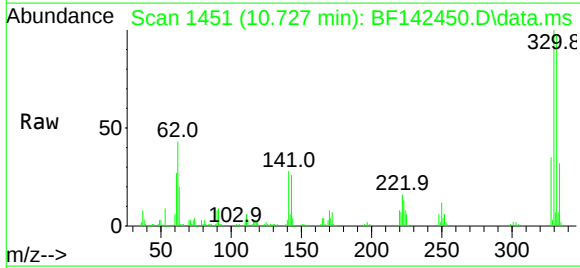
Tgt Ion: 164 Resp: 242643
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.2 118.8
 160 43.7 35.3 52.9



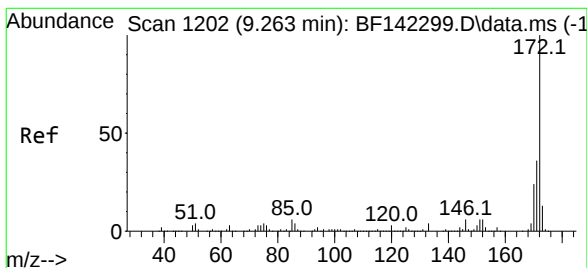
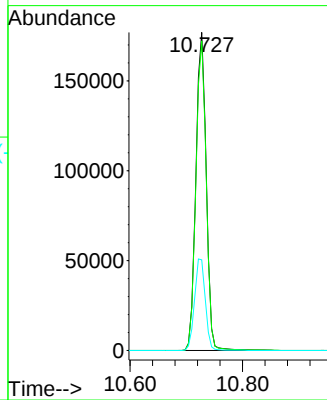
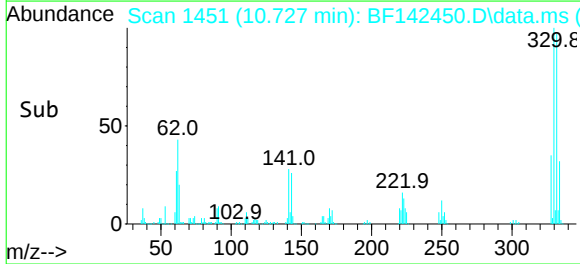


#42
2,4,6-Tribromophenol
Concen: 96.348 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

Instrument :
BNA_F
ClientSampleId :
TP-37

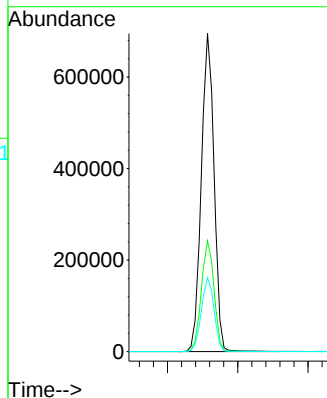
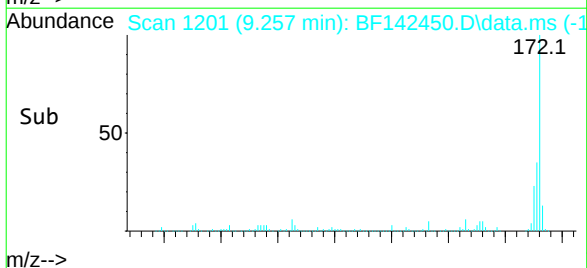
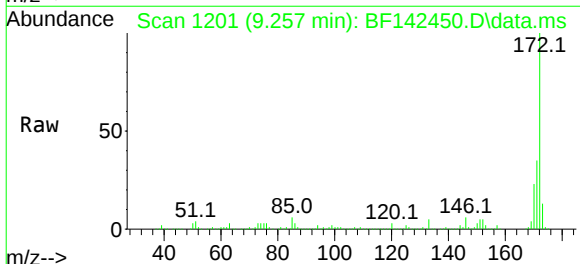


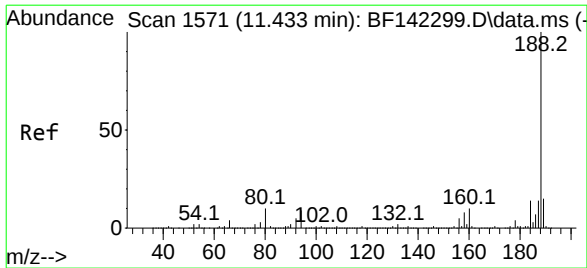
Tgt Ion: 330 Resp: 225712
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 30.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 51.463 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142450.D
Acq: 19 May 2025 14:35

Tgt Ion: 172 Resp: 875746
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF142450.D

Acq: 19 May 2025 14:35

Instrument :

BNA_F

ClientSampleId :

TP-37

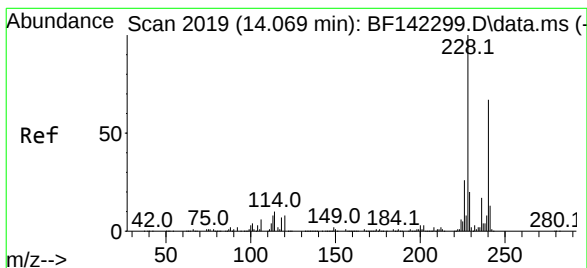
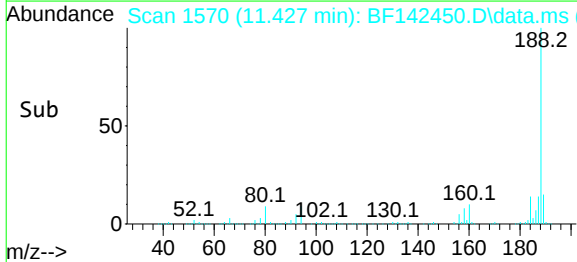
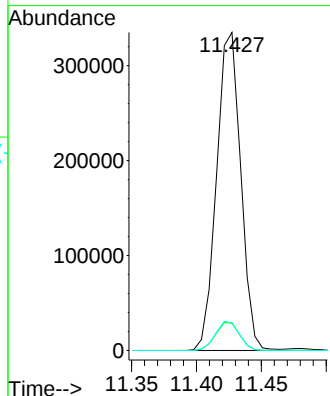
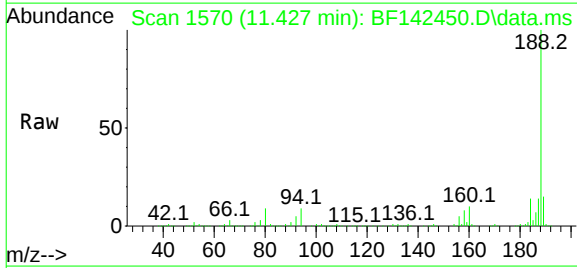
Tgt Ion:188 Resp: 434004

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 8.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142450.D

Acq: 19 May 2025 14:35

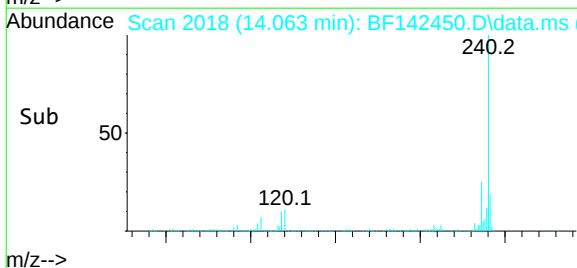
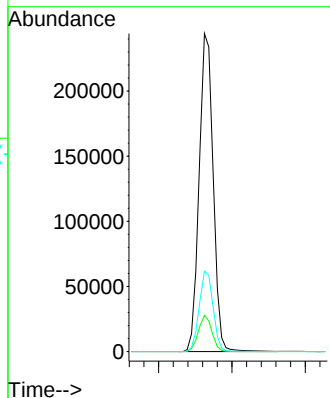
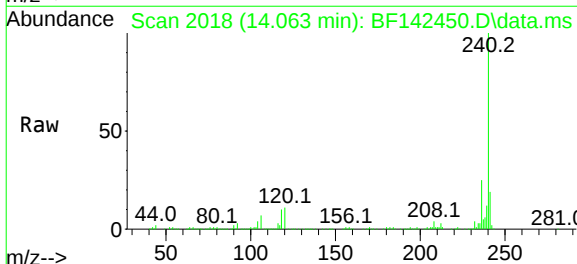
Tgt Ion:240 Resp: 324890

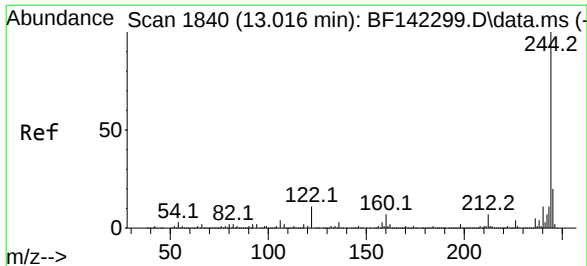
Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 25.2 20.0 30.0





#79

Terphenyl-d14

Concen: 43.522 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142450.D

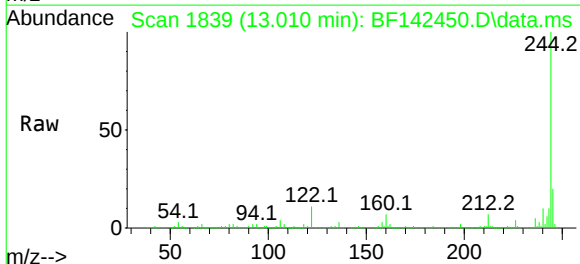
Acq: 19 May 2025 14:35

Instrument :

BNA_F

ClientSampleId :

TP-37



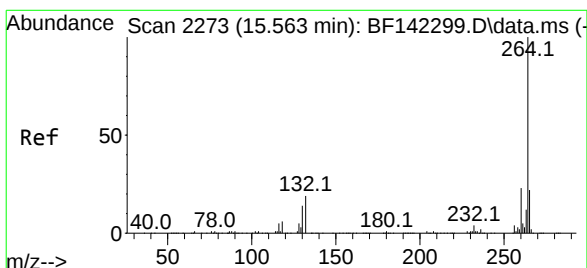
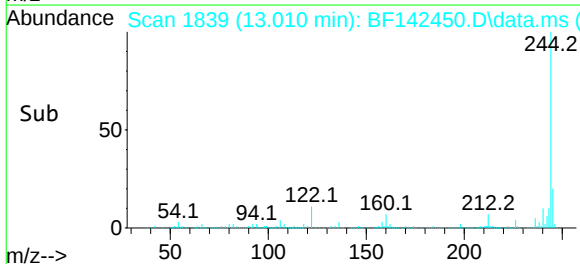
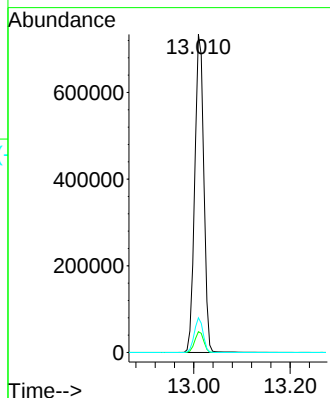
Tgt Ion:244 Resp: 955320

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.9 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: BF142450.D

Acq: 19 May 2025 14:35

Tgt Ion:264 Resp: 309632

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.9 17.5 26.3

