

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143985.D
 Acq On : 17 Oct 2025 15:11
 Operator : RC/JU
 Sample : PB170149BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Quant Time: Oct 17 15:42:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	484003	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266250	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	466858	20.000	ng	0.00
76) Chrysene-d12	14.063	240	270321	20.000	ng	0.00
86) Perylene-d12	15.545	264	237285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979248	124.561	ng	0.01
7) Phenol-d6	6.510	99	1180047	125.930	ng	0.00
23) Nitrobenzene-d5	7.445	82	739033	92.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	373024	140.663	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1384018	82.482	ng	-0.01
79) Terphenyl-d14	13.004	244	1526806	96.531	ng	0.00

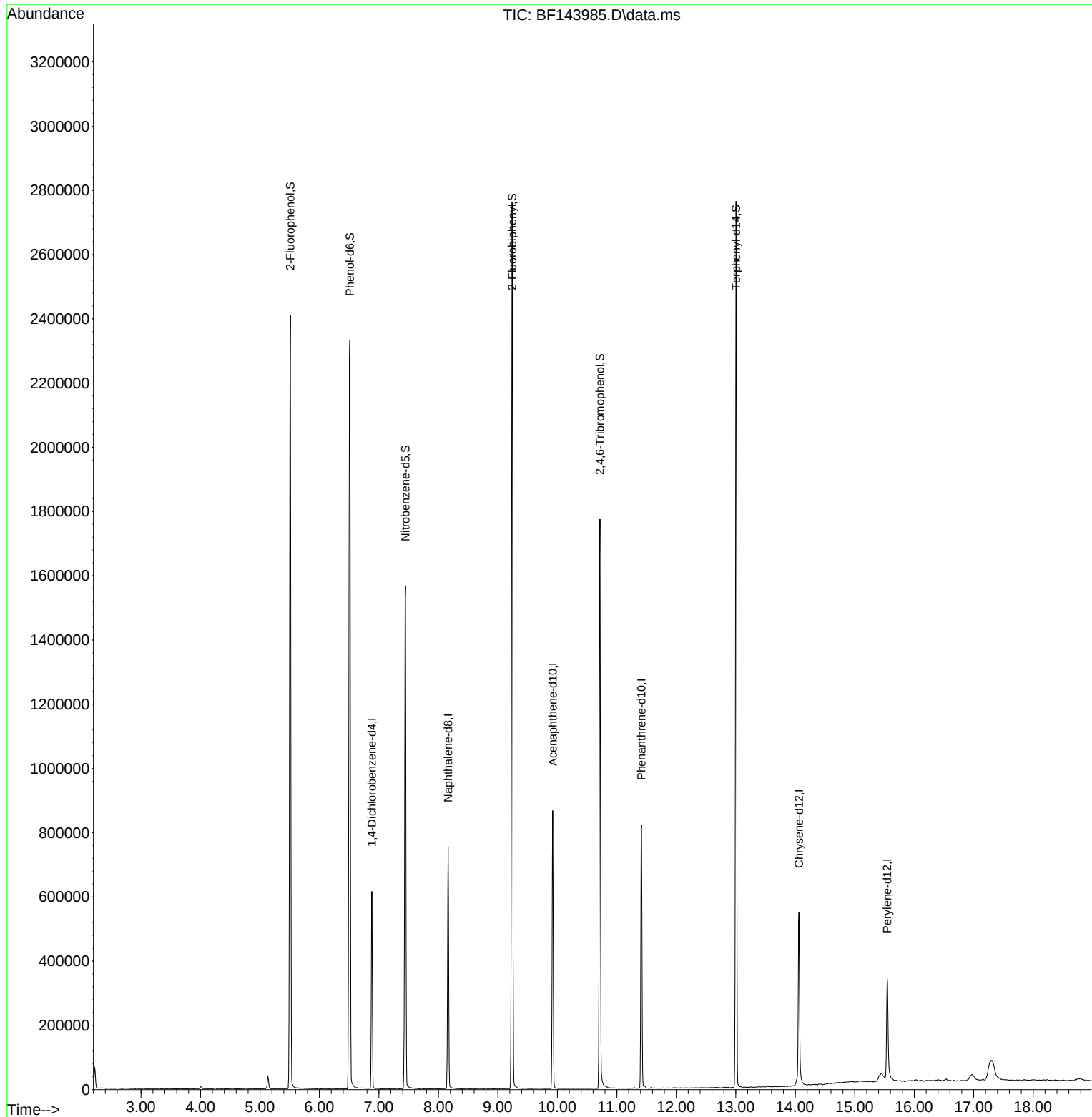
Target Compounds	Qvalue

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

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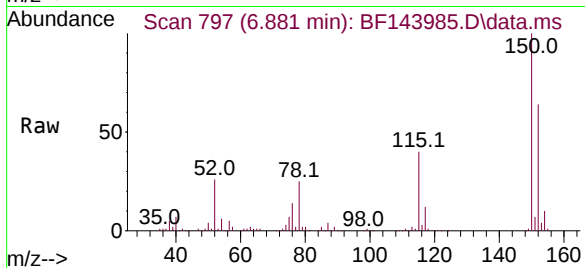
Quant Time: Oct 17 15:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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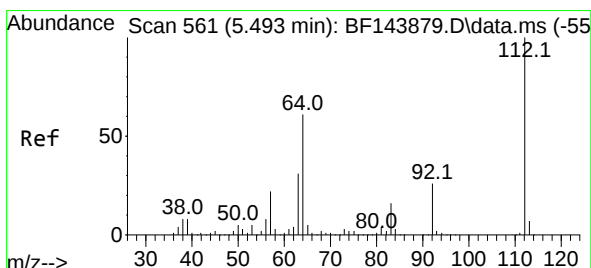
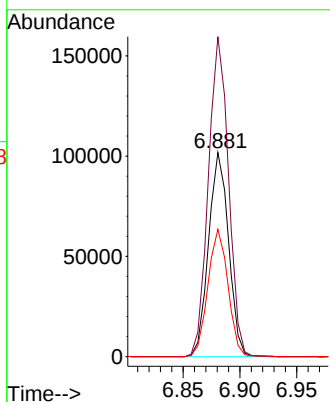
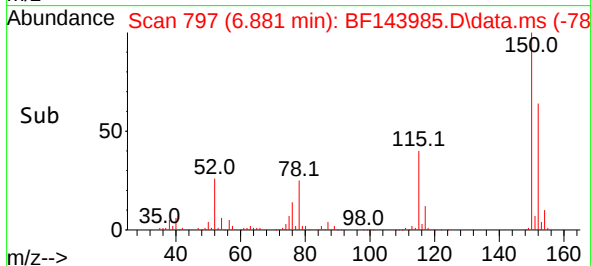


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

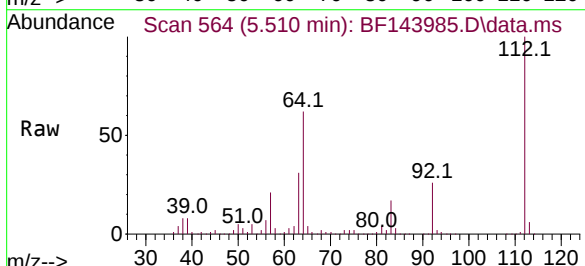
Instrument :
BNA_F
ClientSampleId :
PB170149BL



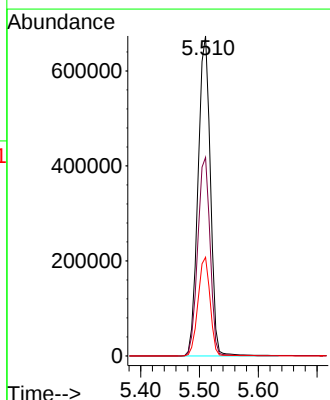
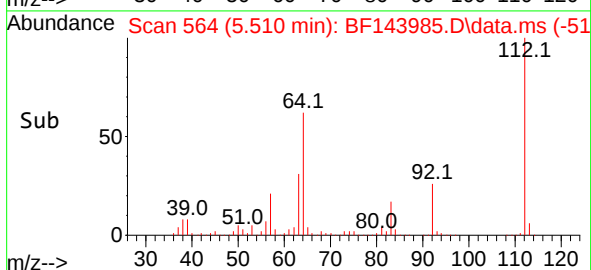
Tgt Ion:152 Resp: 124841
Ion Ratio Lower Upper
152 100
150 156.8 124.4 186.6
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 124.561 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11



Tgt Ion:112 Resp: 979248
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 30.8 24.5 36.7

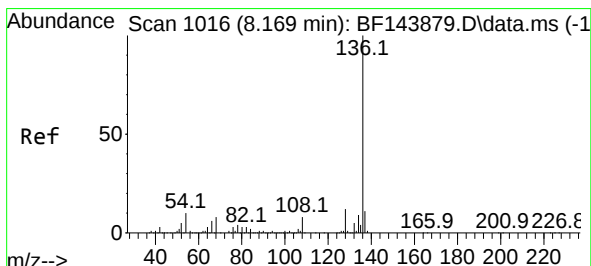
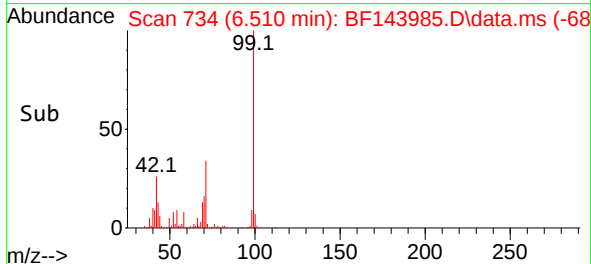
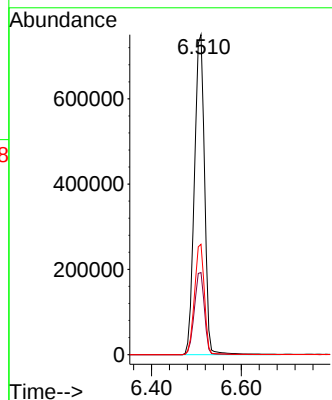
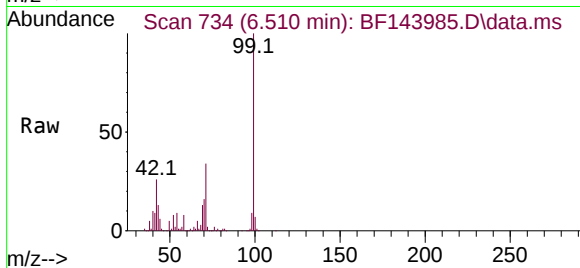




#7
Phenol-d6
Concen: 125.930 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

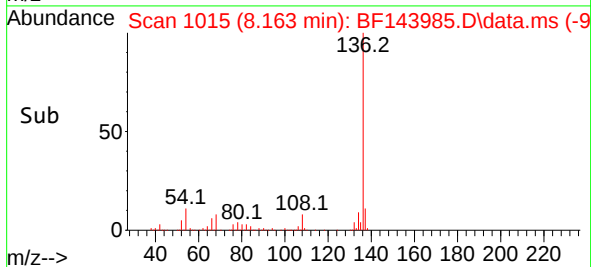
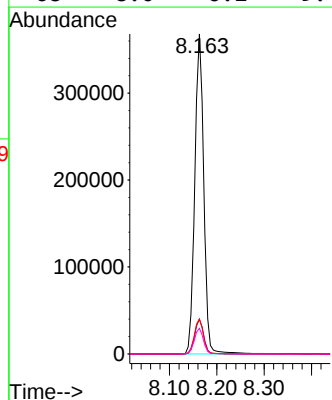
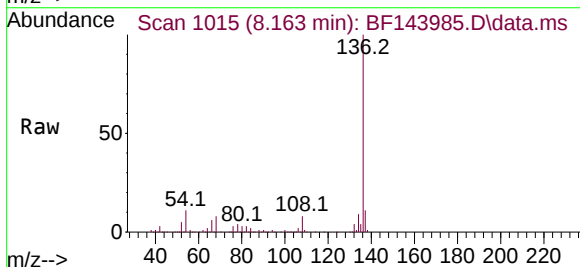
Instrument :
BNA_F
ClientSampleId :
PB170149BL

Tgt Ion: 99 Resp: 1180047
Ion Ratio Lower Upper
99 100
42 25.6 21.0 31.4
71 34.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 136 Resp: 484003
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 92.768 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB170149BL

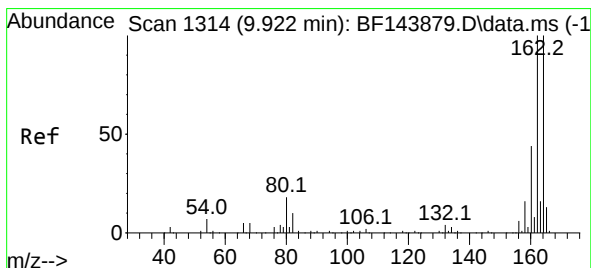
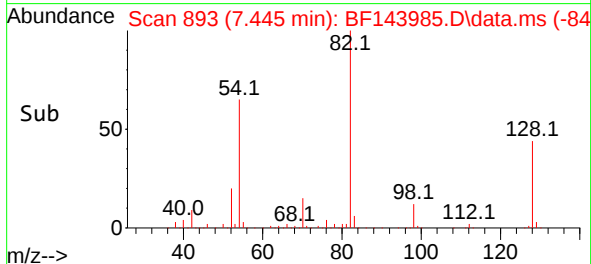
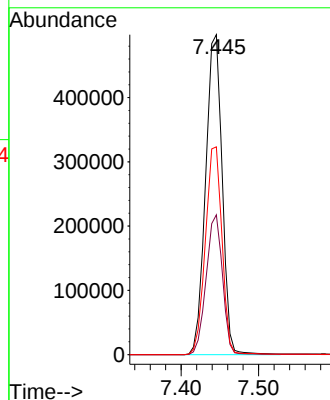
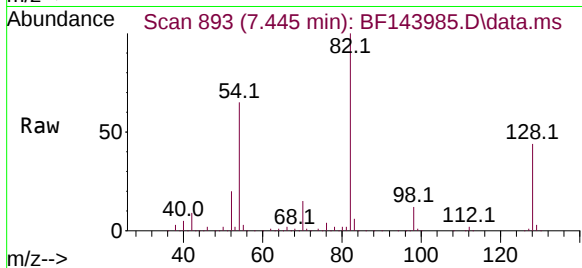
Tgt Ion: 82 Resp: 739033

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 64.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

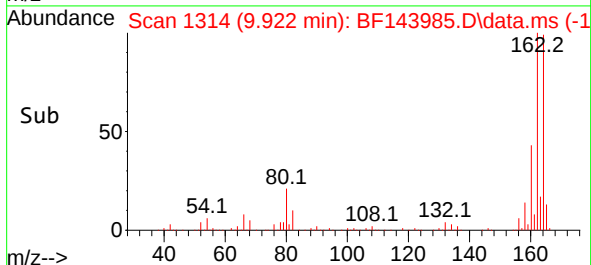
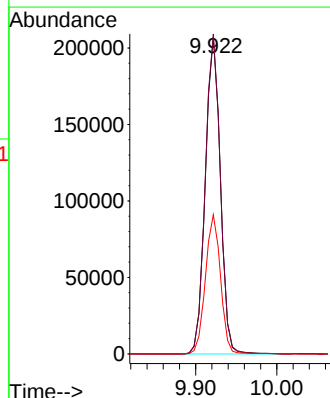
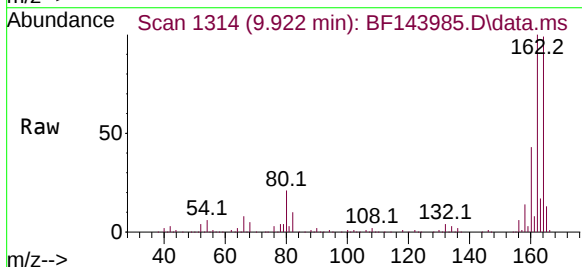
Tgt Ion:164 Resp: 266250

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

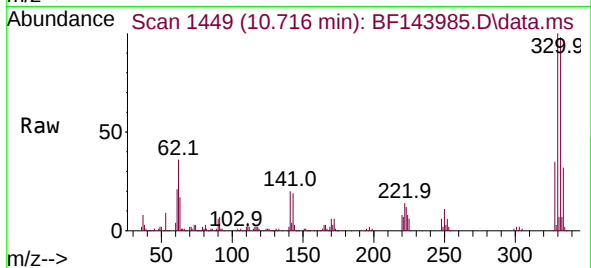
160 43.9 35.4 53.0



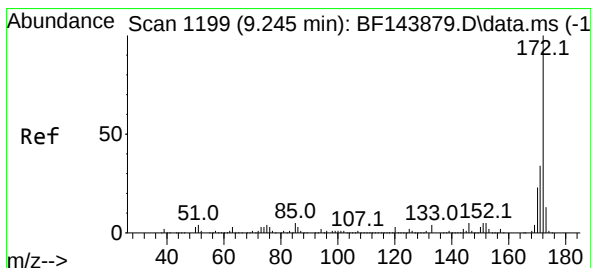
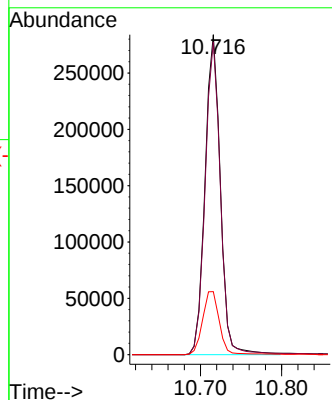
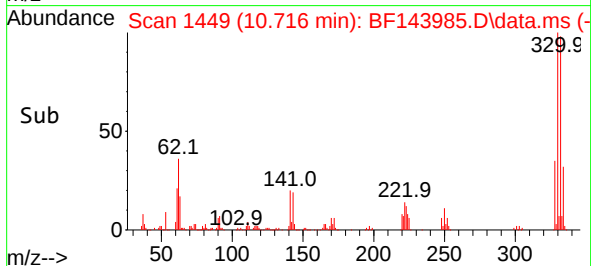


#42
2,4,6-Tribromophenol
Concen: 140.663 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

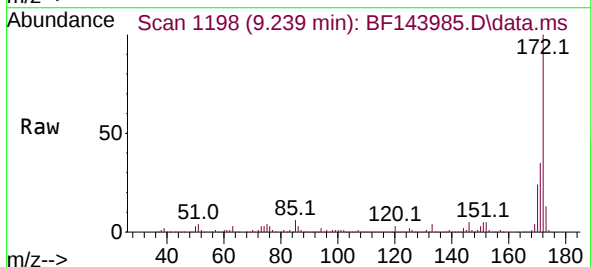
Instrument :
BNA_F
ClientSampleId :
PB170149BL



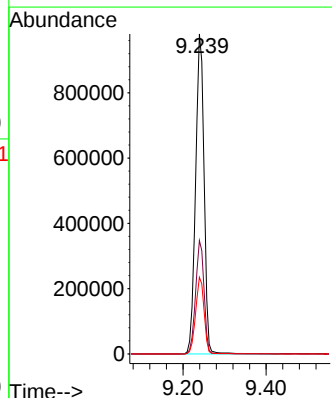
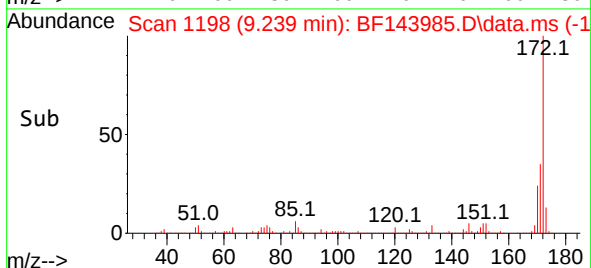
Tgt Ion:330 Resp: 373024
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 21.7 20.2 30.4

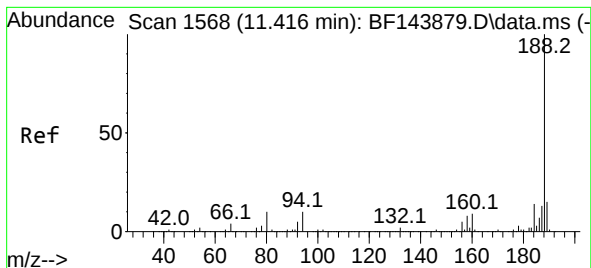


#45
2-Fluorobiphenyl
Concen: 82.482 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11



Tgt Ion:172 Resp: 1384018
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB170149BL

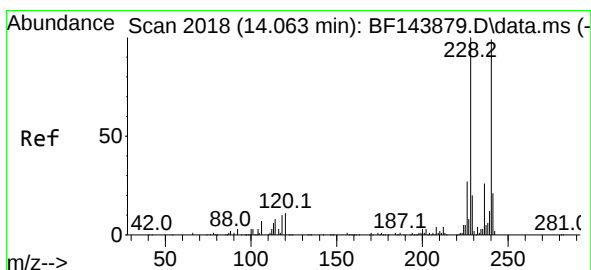
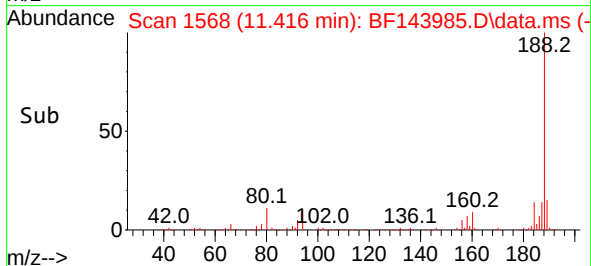
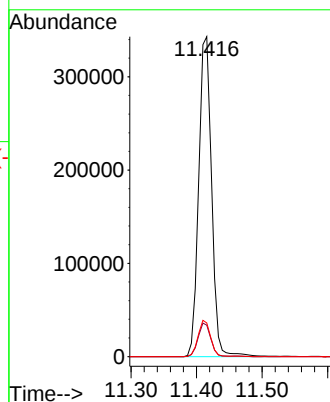
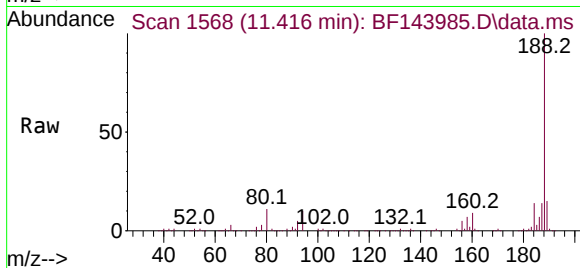
Tgt Ion:188 Resp: 466858

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143985.D

Acq: 17 Oct 2025 15:11

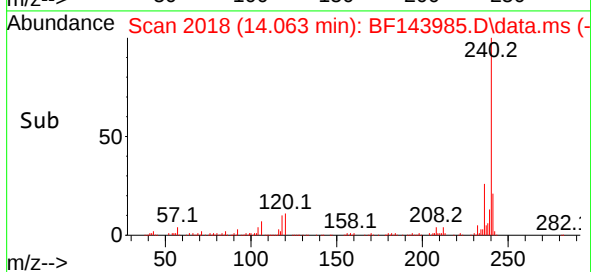
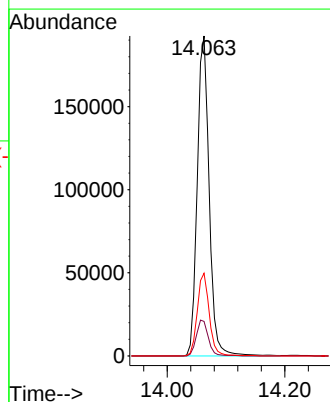
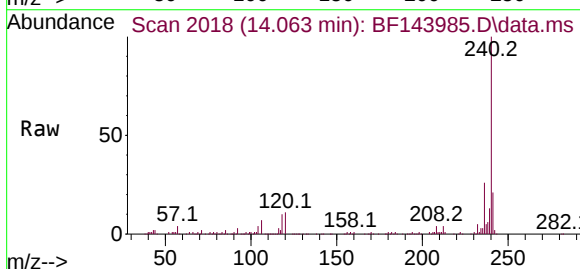
Tgt Ion:240 Resp: 270321

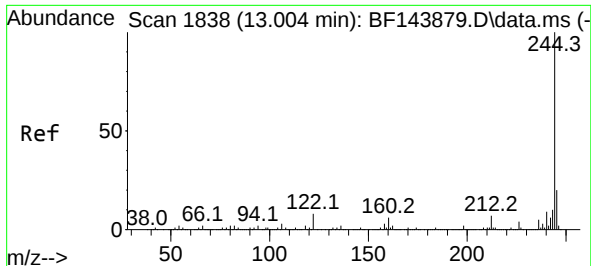
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.8 21.1 31.7

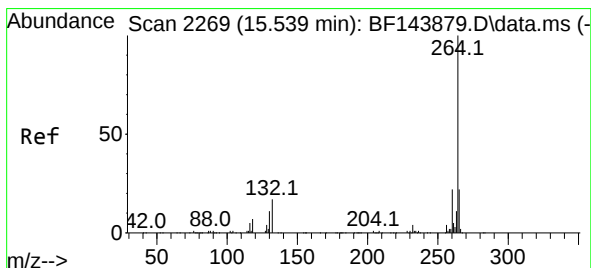
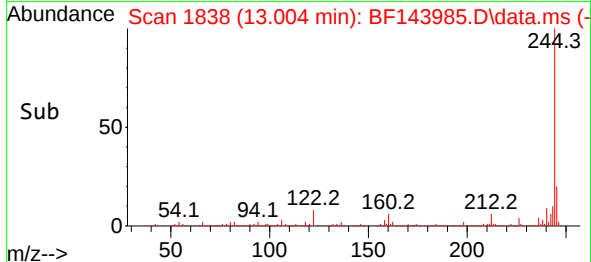
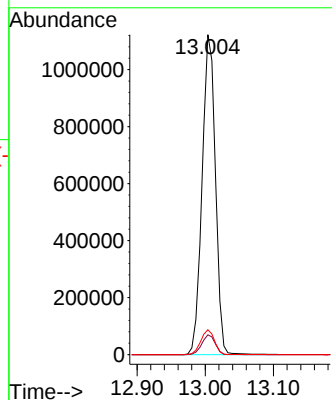
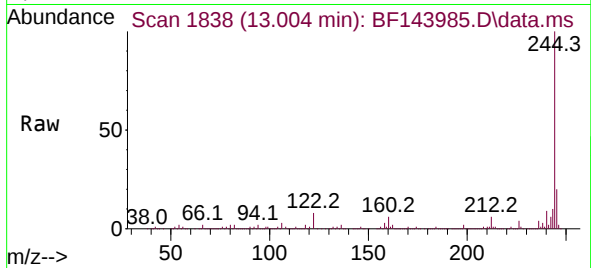




#79
 Terphenyl-d14
 Concen: 96.531 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143985.D
 Acq: 17 Oct 2025 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Tgt Ion:244 Resp: 1526806
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.8 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143985.D
 Acq: 17 Oct 2025 15:11

Tgt Ion:264 Resp: 237285
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.8 26.8
 265 20.4 17.5 26.3

