

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143975.D
 Acq On : 16 Oct 2025 12:38
 Operator : RC/JU
 Sample : PB170101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL

Quant Time: Oct 16 14:39:57 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	118286	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	470205	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	255280	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	445636	20.000	ng	0.00
76) Chrysene-d12	14.063	240	260605	20.000	ng	0.00
86) Perylene-d12	15.551	264	215681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	959699	128.839	ng	0.00
7) Phenol-d6	6.504	99	1133848	127.705	ng	-0.01
23) Nitrobenzene-d5	7.439	82	737189	95.252	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	361761	142.278	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1363201	84.732	ng	-0.01
79) Terphenyl-d14	13.010	244	1543864	101.248	ng	0.00

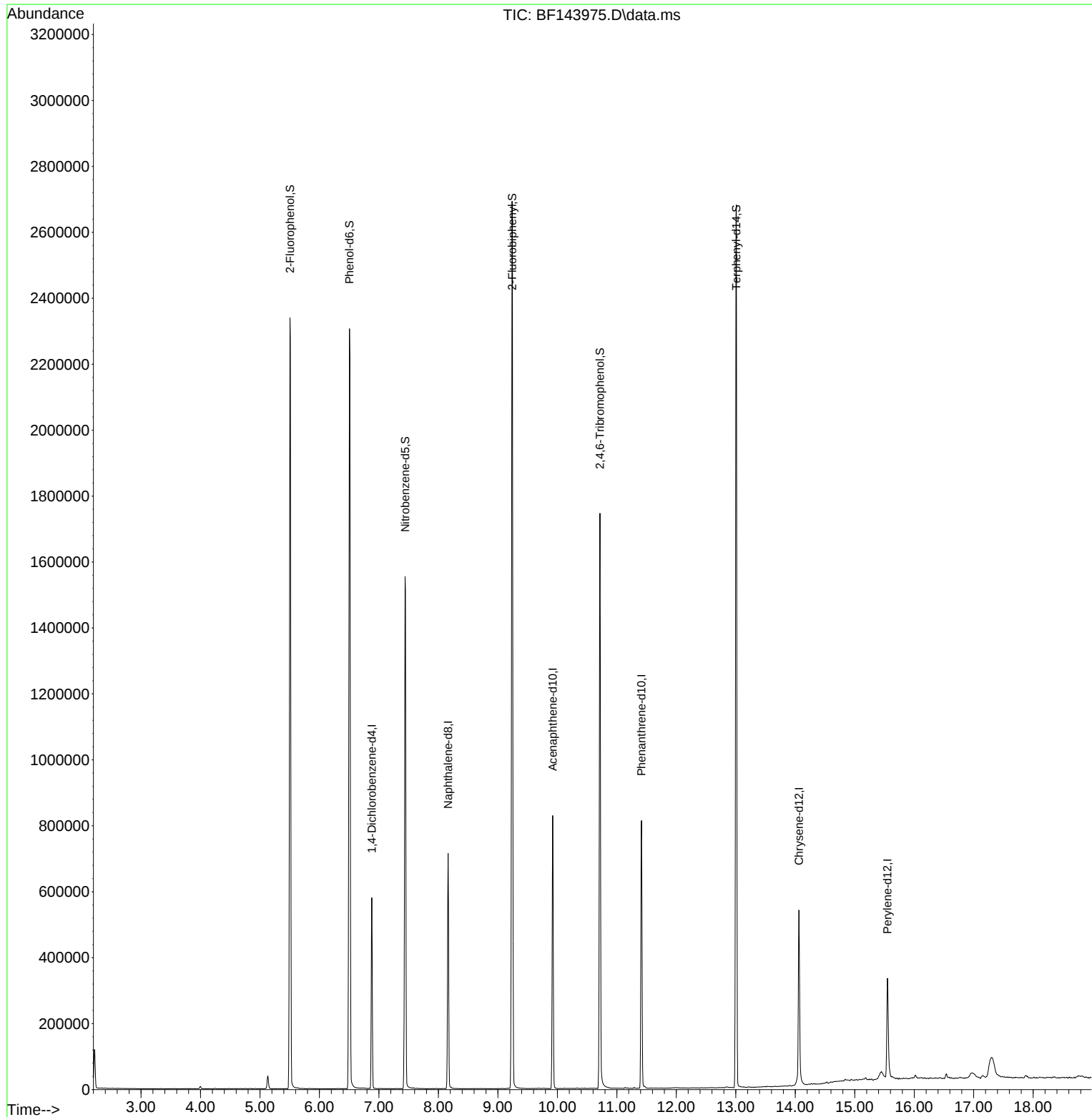
Target Compounds	Qvalue

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

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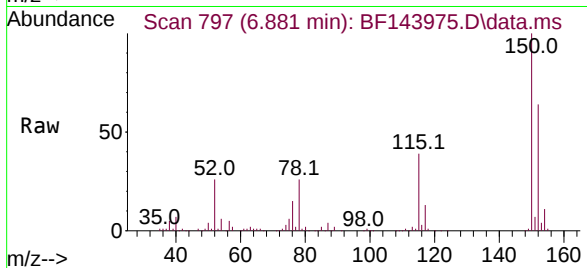
Quant Time: Oct 16 14:39:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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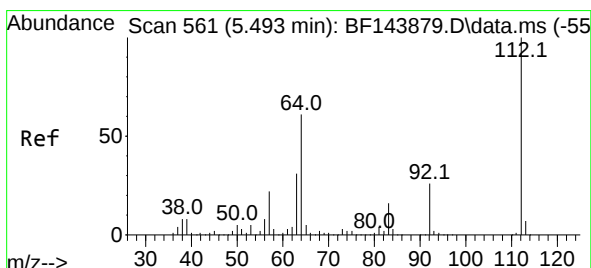
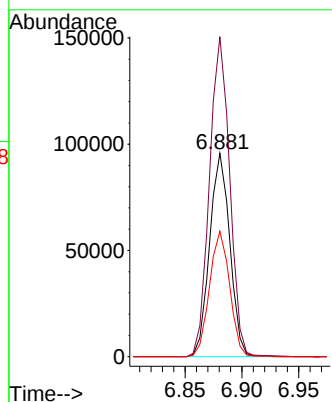
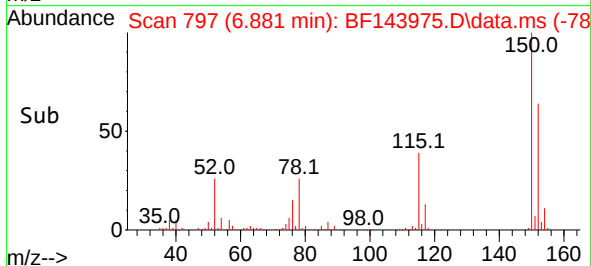


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

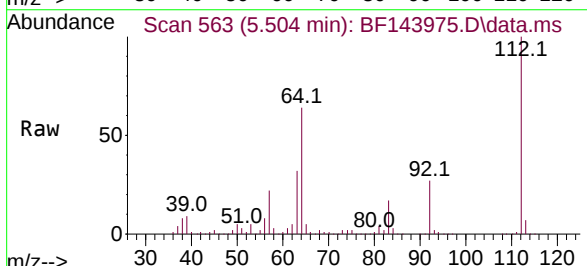
Instrument :
BNA_F
ClientSampleId :
PB170101BL



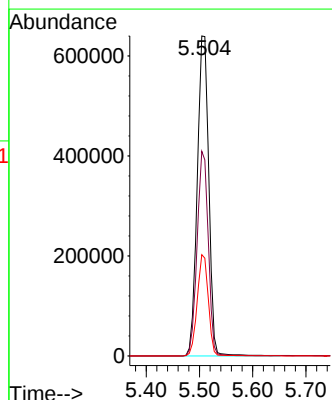
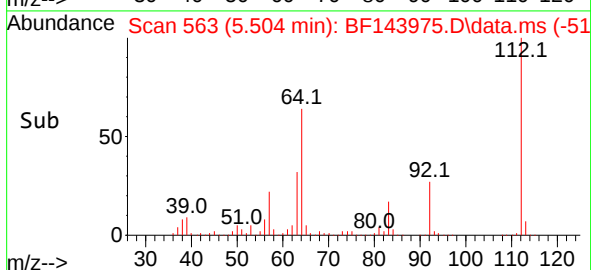
Tgt Ion:152 Resp: 118286
Ion Ratio Lower Upper
152 100
150 157.5 124.4 186.6
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 128.839 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38



Tgt Ion:112 Resp: 959699
Ion Ratio Lower Upper
112 100
64 63.9 49.1 73.7
63 31.6 24.5 36.7



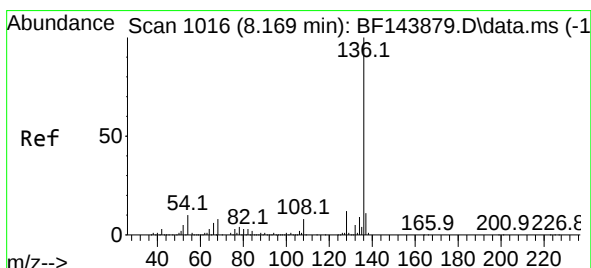
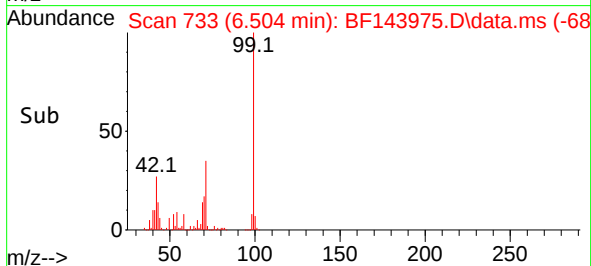
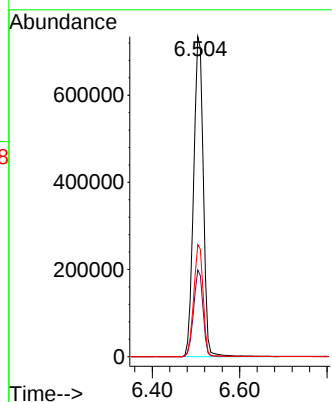
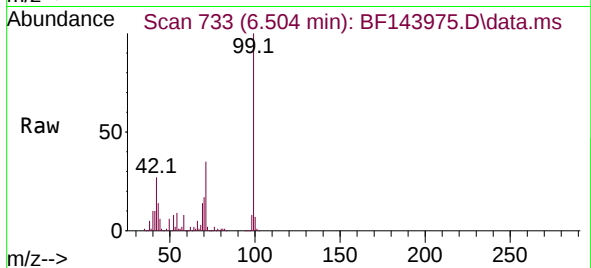


#7
Phenol-d6
Concen: 127.705 ng
RT: 6.504 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB170101BL

Tgt Ion: 99 Resp: 1133848

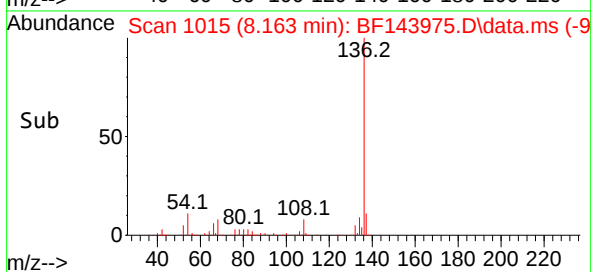
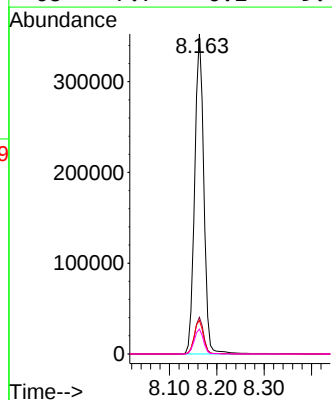
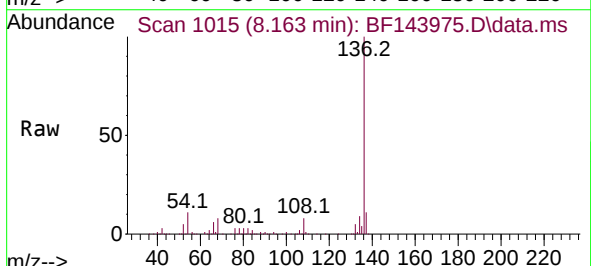
Ion	Ratio	Lower	Upper
99	100		
42	27.1	21.0	31.4
71	35.0	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion: 136 Resp: 470205

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.5	8.2	12.4
68	7.7	6.2	9.4





#23

Nitrobenzene-d5

Concen: 95.252 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143975.D

Acq: 16 Oct 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB170101BL

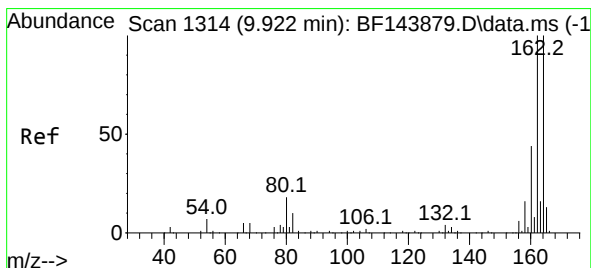
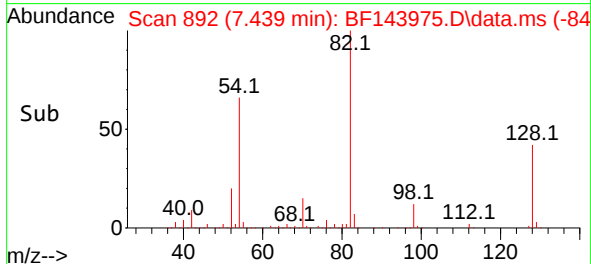
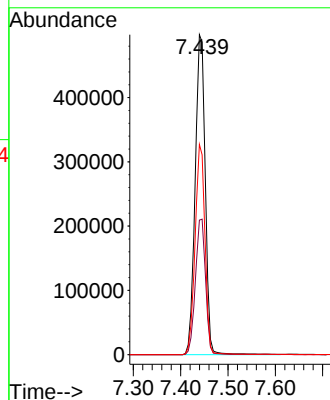
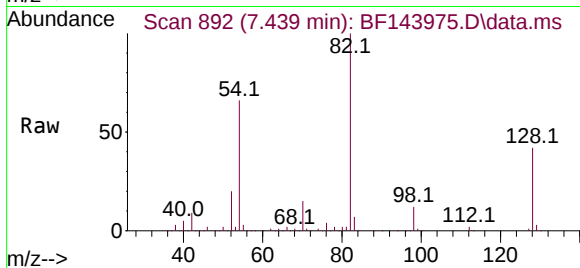
Tgt Ion: 82 Resp: 737189

Ion Ratio Lower Upper

82 100

128 42.0 34.0 51.0

54 65.7 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: BF143975.D

Acq: 16 Oct 2025 12:38

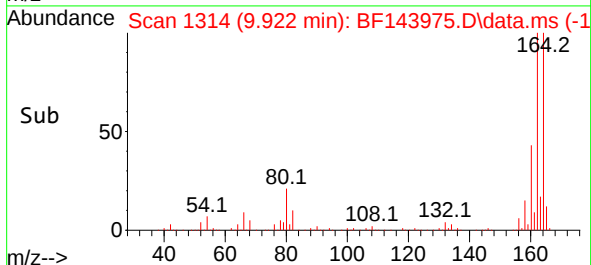
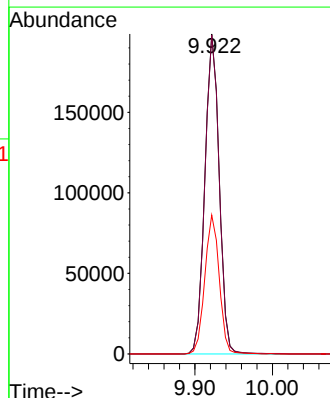
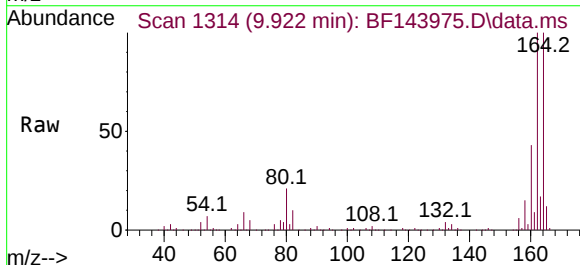
Tgt Ion:164 Resp: 255280

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

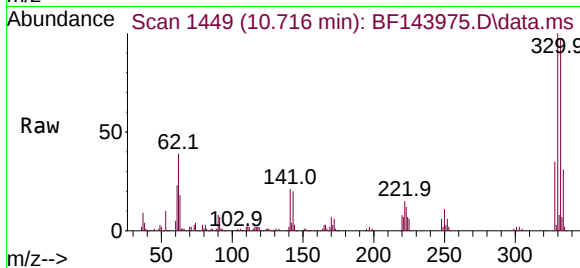
160 43.4 35.4 53.0



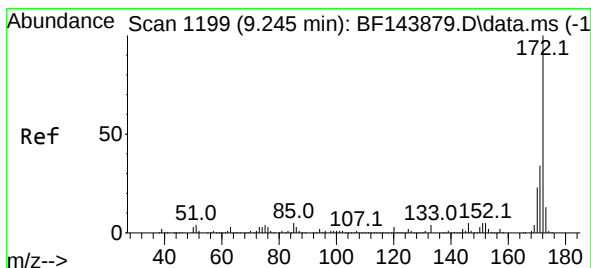
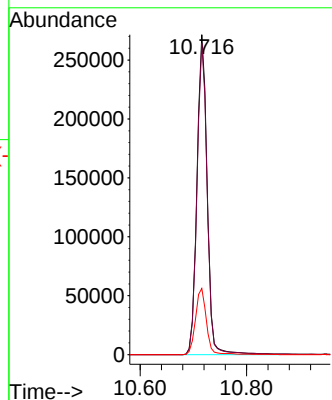
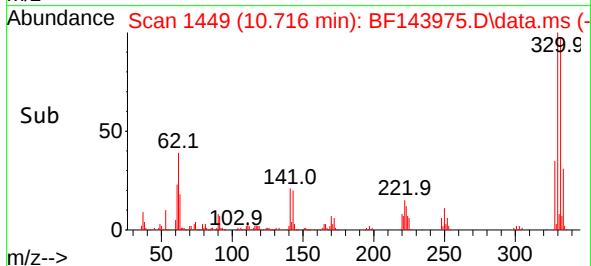


#42
 2,4,6-Tribromophenol
 Concen: 142.278 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF143975.D
 Acq: 16 Oct 2025 12:38

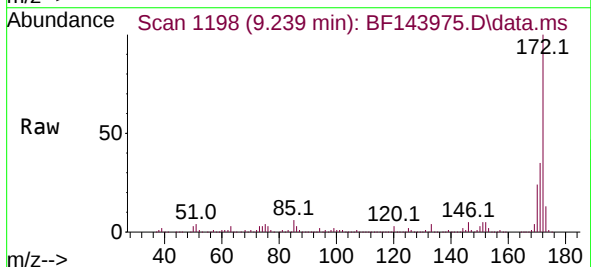
Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL



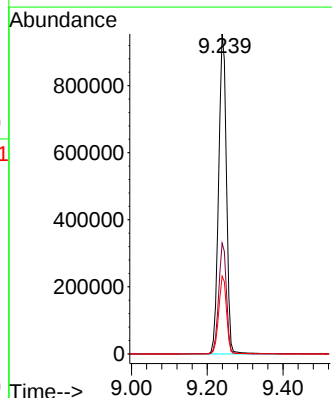
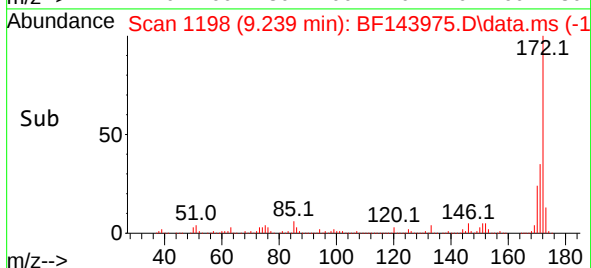
Tgt Ion: 330 Resp: 361761
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 22.0 20.2 30.4

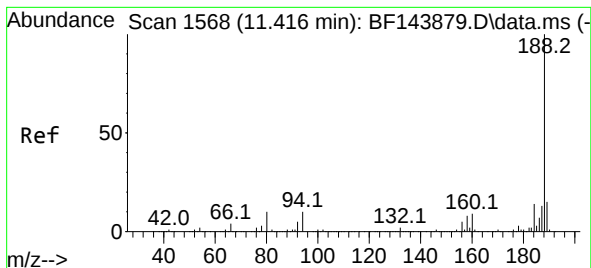


#45
 2-Fluorobiphenyl
 Concen: 84.732 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF143975.D
 Acq: 16 Oct 2025 12:38



Tgt Ion: 172 Resp: 1363201
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 24.3 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: BF143975.D

Acq: 16 Oct 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB170101BL

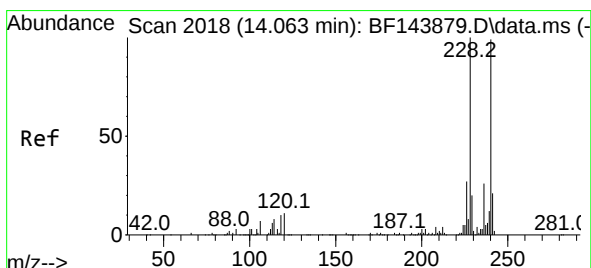
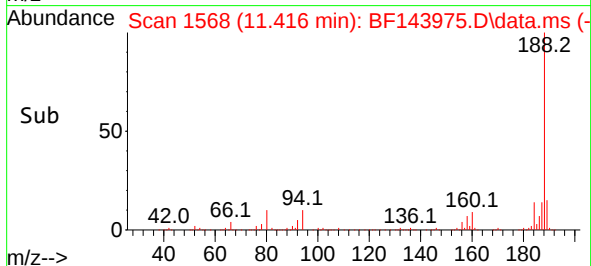
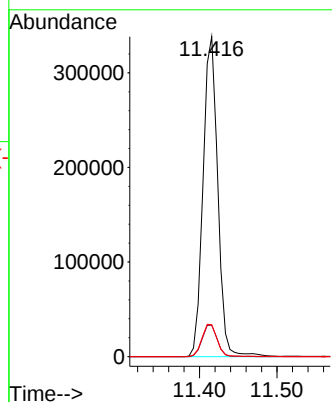
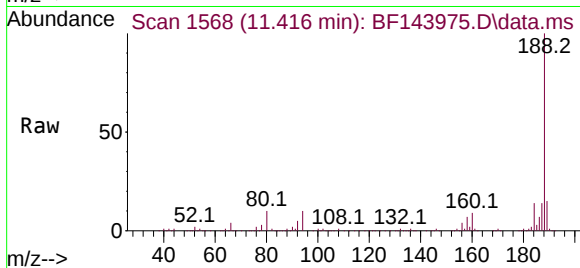
Tgt Ion:188 Resp: 445636

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.0 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: BF143975.D

Acq: 16 Oct 2025 12:38

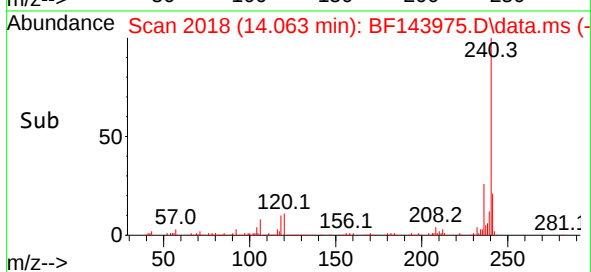
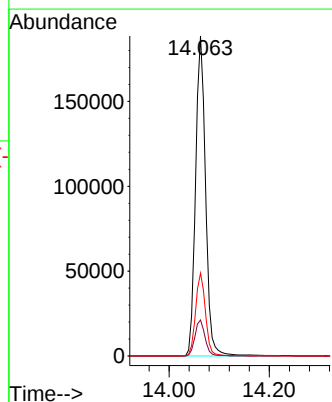
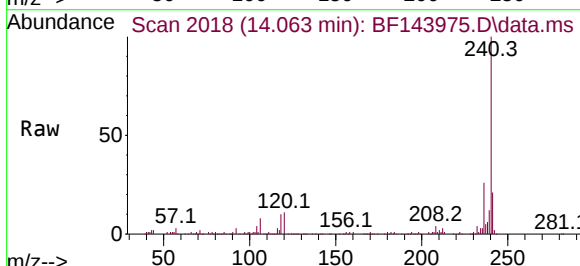
Tgt Ion:240 Resp: 260605

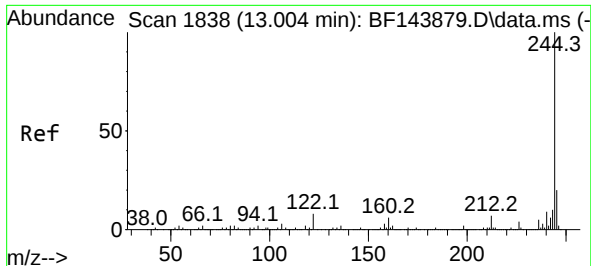
Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

236 25.9 21.1 31.7

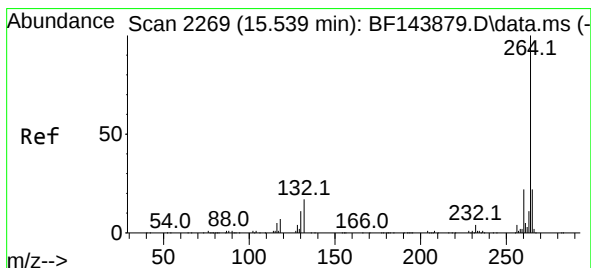
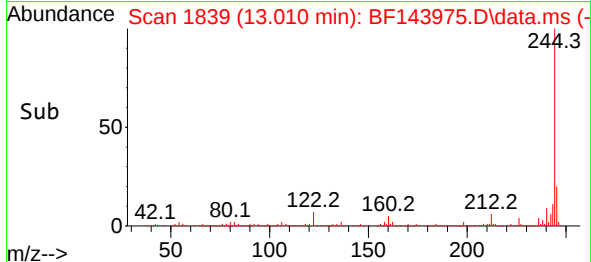
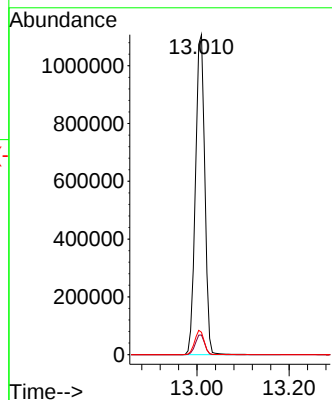
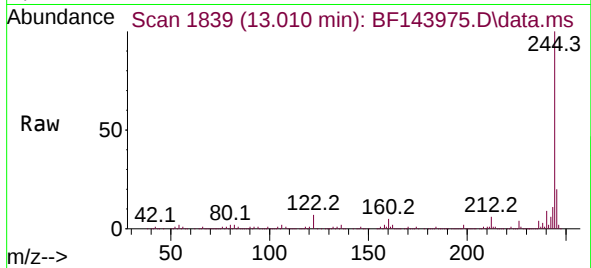




#79
 Terphenyl-d14
 Concen: 101.248 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF143975.D
 Acq: 16 Oct 2025 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL

Tgt Ion:244 Resp: 1543864
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF143975.D
 Acq: 16 Oct 2025 12:38

Tgt Ion:264 Resp: 215681
 Ion Ratio Lower Upper
 264 100
 260 20.6 17.8 26.8
 265 21.0 17.5 26.3

