

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144010.D
 Acq On : 21 Oct 2025 13:58
 Operator : RC/JU
 Sample : PB170166BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170166BL

Quant Time: Oct 21 14:30:28 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	139452	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	558761	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	306361	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	551648	20.000	ng	0.00
76) Chrysene-d12	14.057	240	338314	20.000	ng	-0.01
86) Perylene-d12	15.545	264	285914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1125425	128.156	ng	0.01
7) Phenol-d6	6.504	99	1358347	129.770	ng	-0.01
23) Nitrobenzene-d5	7.445	82	853211	92.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	433524	142.073	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1636263	84.747	ng	-0.01
79) Terphenyl-d14	13.004	244	1905074	96.240	ng	0.00

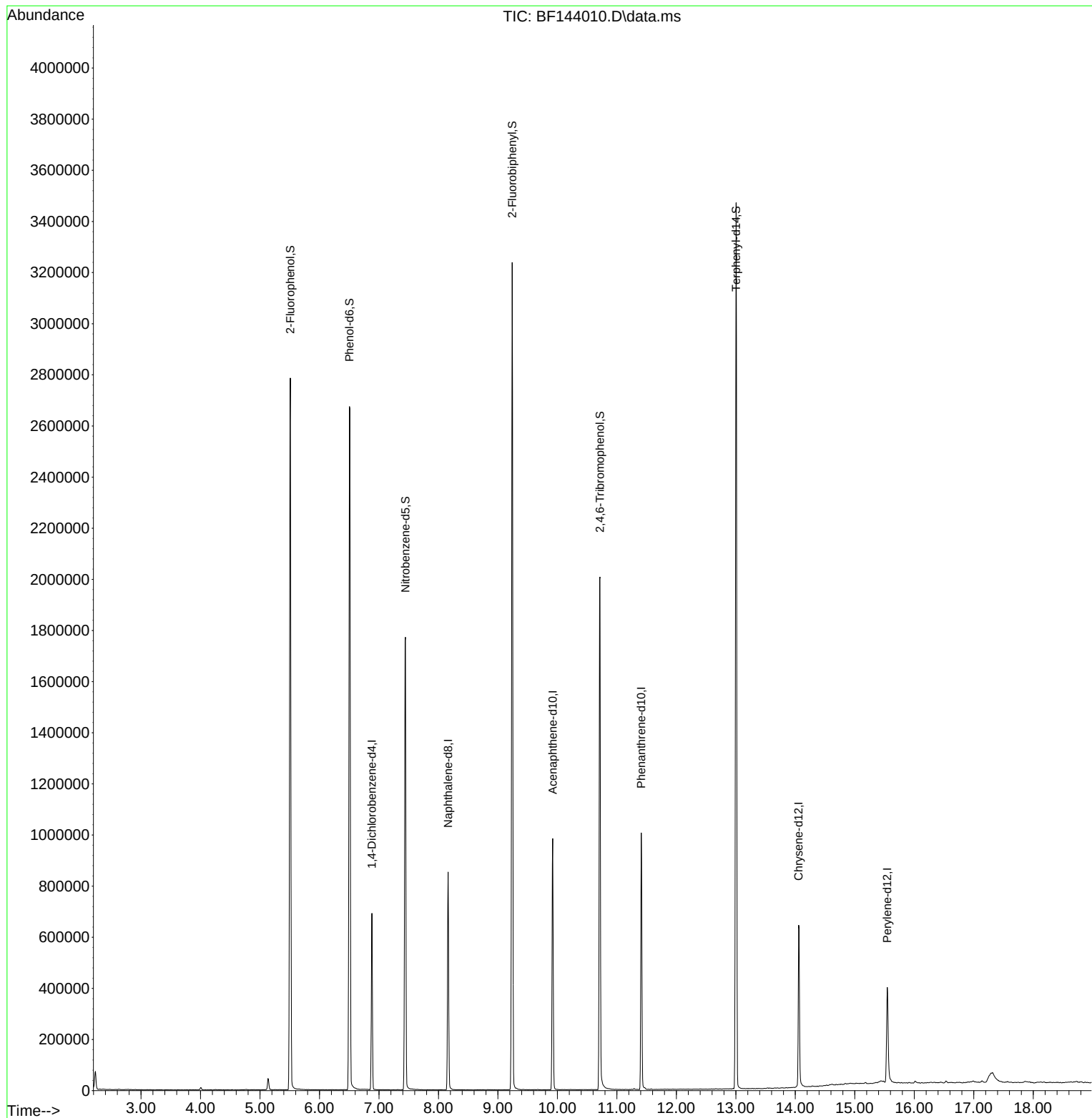
Target Compounds	Qvalue

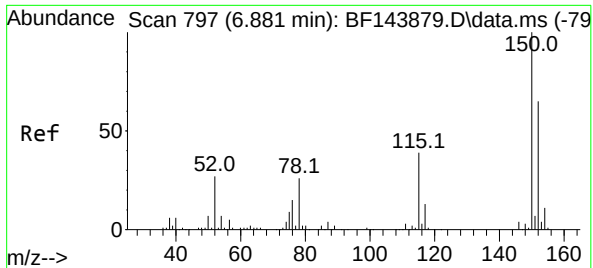
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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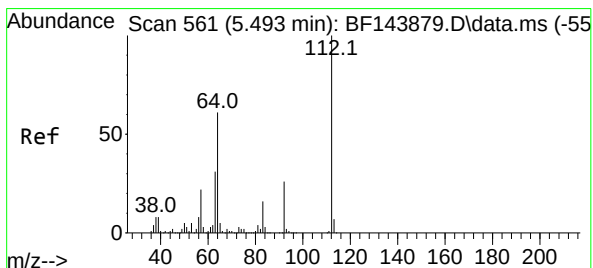
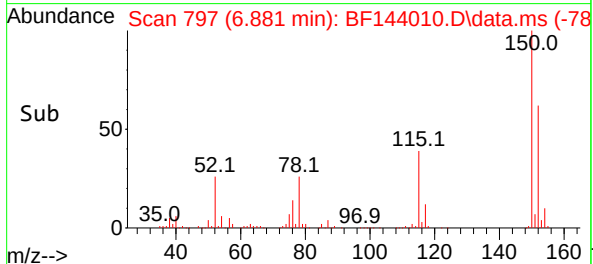
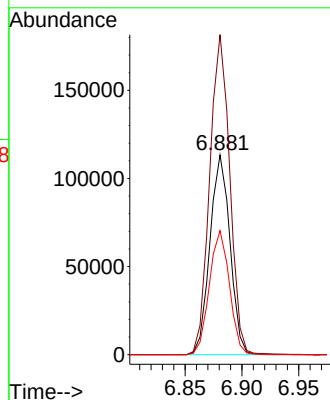
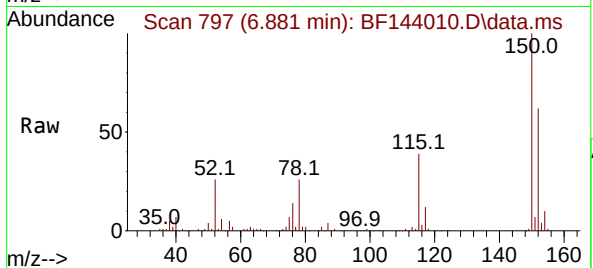




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

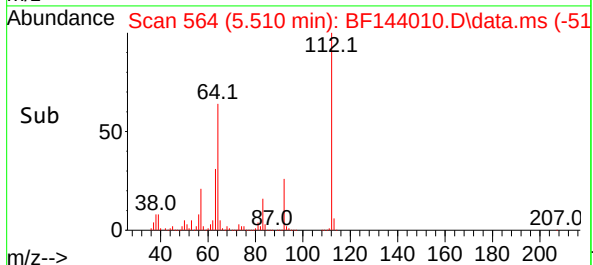
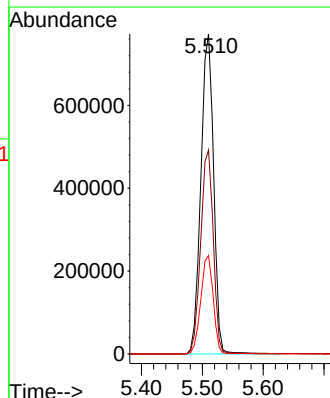
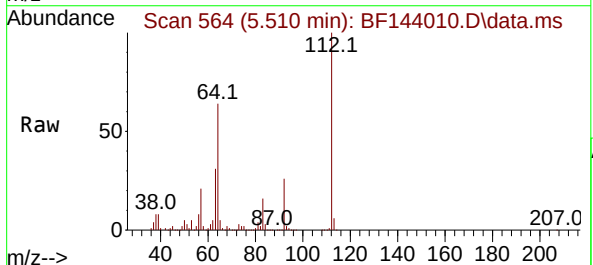
Instrument :
BNA_F
ClientSampleId :
PB170166BL

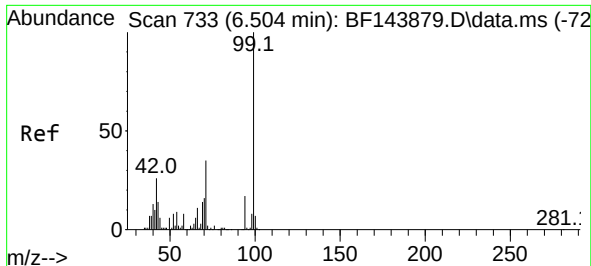
Tgt Ion:152 Resp: 139452
Ion Ratio Lower Upper
152 100
150 160.2 124.4 186.6
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 128.156 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

Tgt Ion:112 Resp: 1125425
Ion Ratio Lower Upper
112 100
64 63.8 49.1 73.7
63 30.8 24.5 36.7

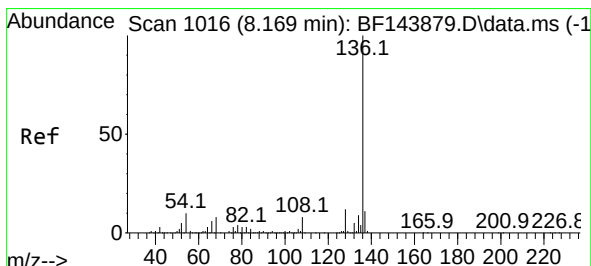
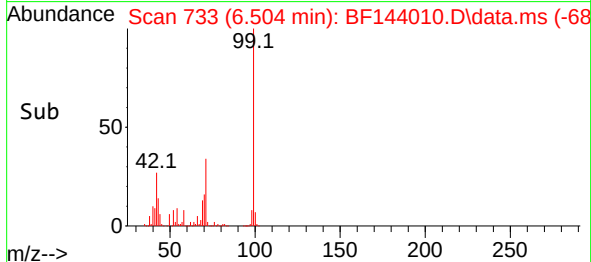
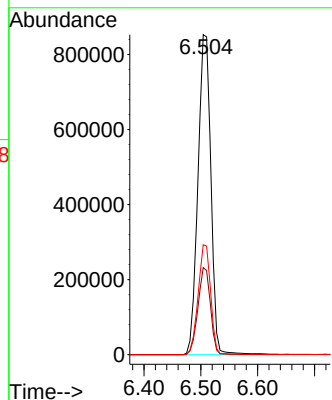
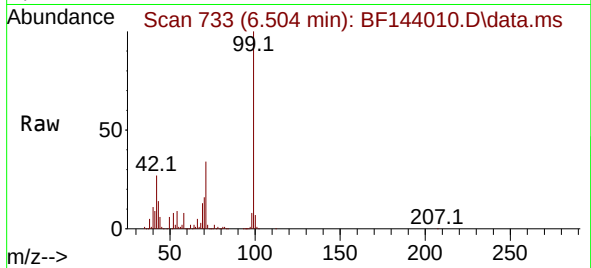




#7
Phenol-d6
Concen: 129.770 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

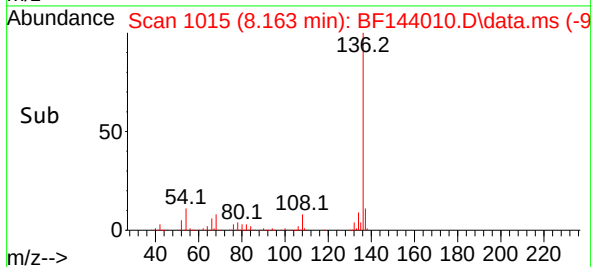
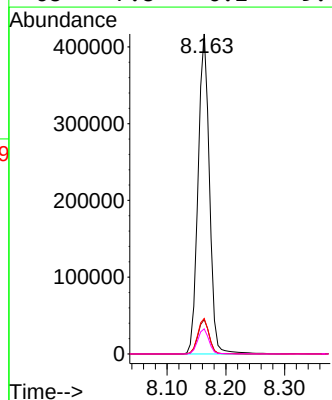
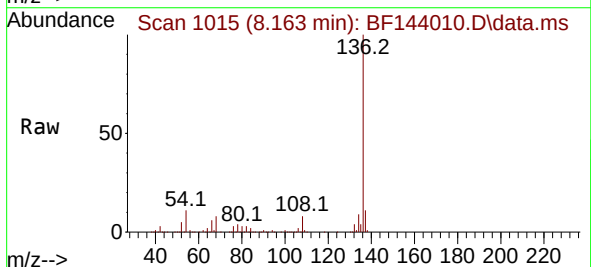
Instrument :
BNA_F
ClientSampleId :
PB170166BL

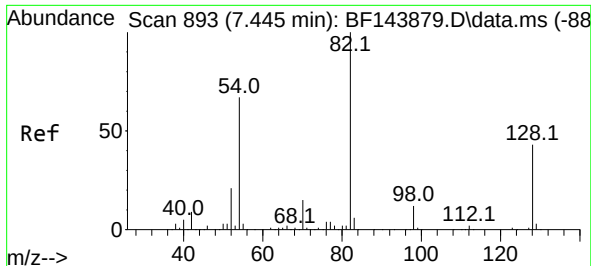
Tgt Ion: 99 Resp: 1358347
Ion Ratio Lower Upper
99 100
42 27.2 21.0 31.4
71 34.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

Tgt Ion:136 Resp: 558761
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.1 8.2 12.4
68 7.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 92.771 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144010.D

Acq: 21 Oct 2025 13:58

Instrument :

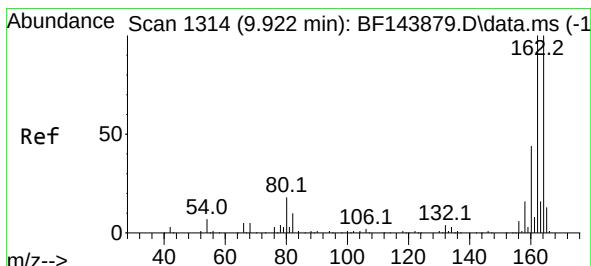
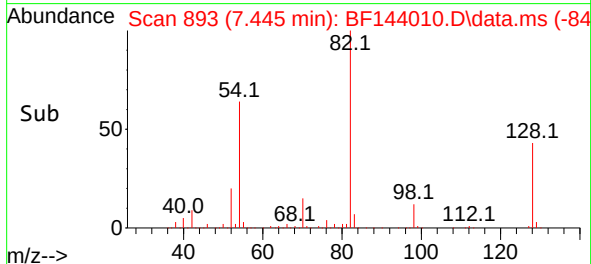
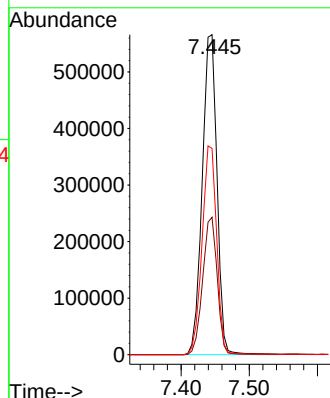
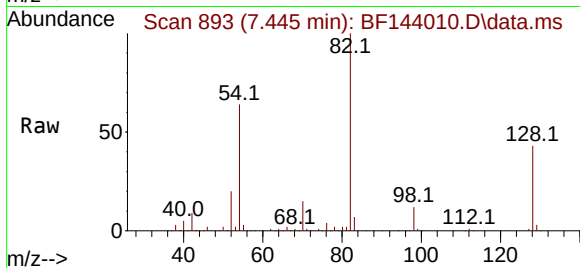
BNA_F

ClientSampleId :

PB170166BL

Tgt Ion: 82 Resp: 853211

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	64.5	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

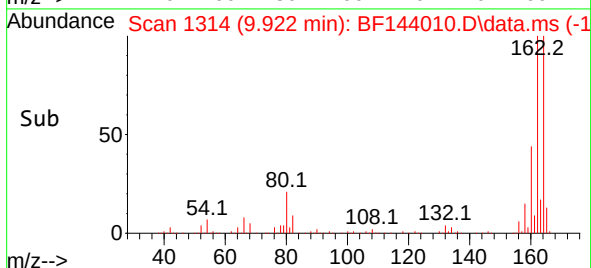
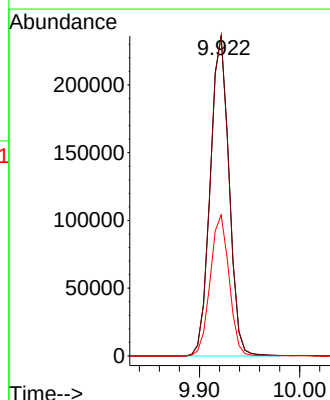
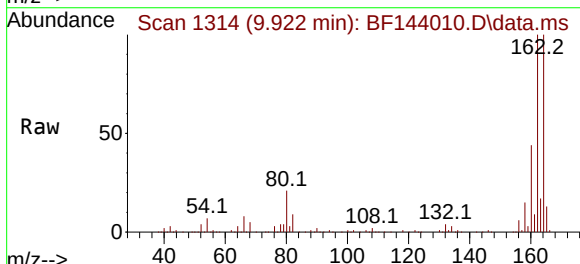
Delta R.T. -0.005 min

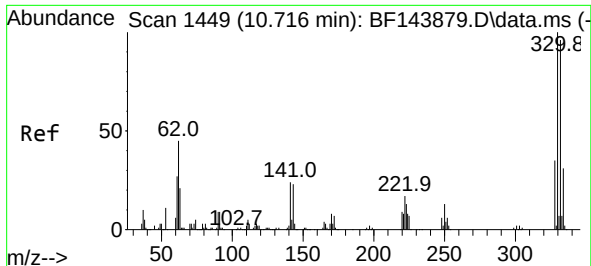
Lab File: BF144010.D

Acq: 21 Oct 2025 13:58

Tgt Ion:164 Resp: 306361

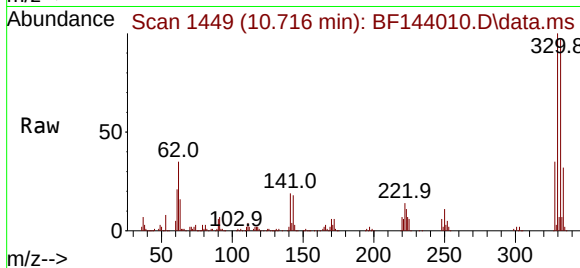
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.0	35.4	53.0



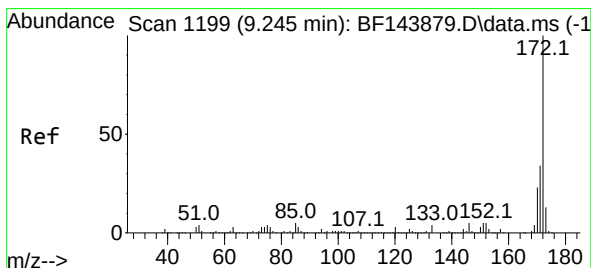
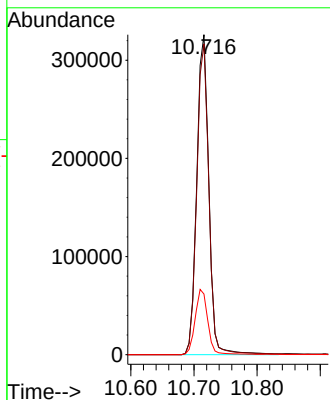
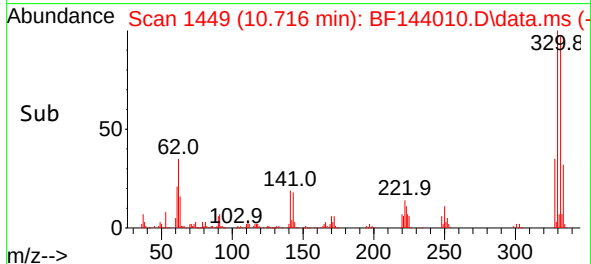


#42
2,4,6-Tribromophenol
Concen: 142.073 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB170166BL

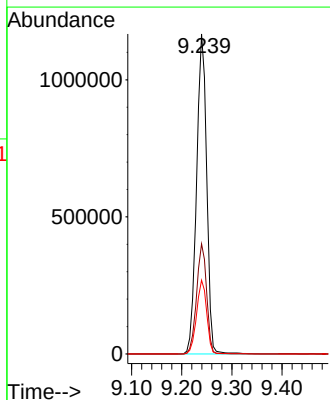
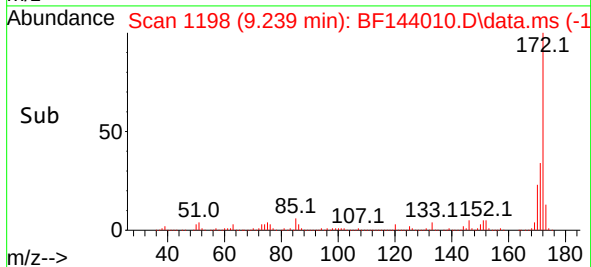
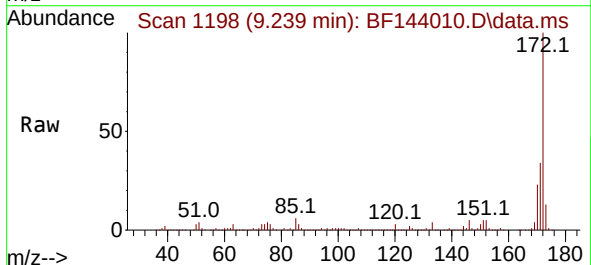


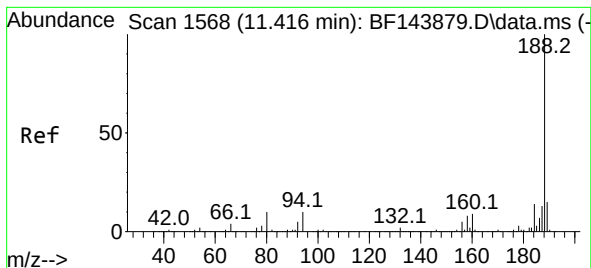
Tgt Ion:330 Resp: 433524
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 21.4 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 84.747 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144010.D
Acq: 21 Oct 2025 13:58

Tgt Ion:172 Resp: 1636263
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144010.D

Acq: 21 Oct 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB170166BL

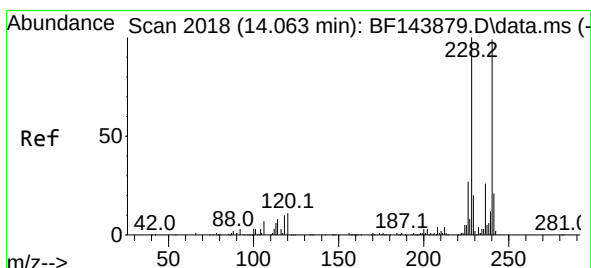
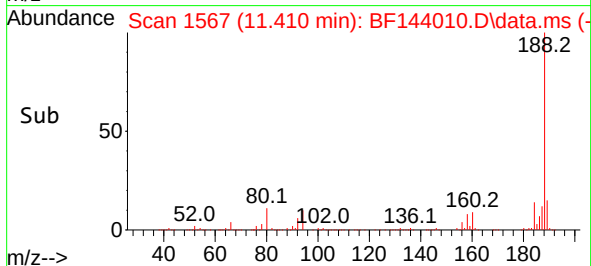
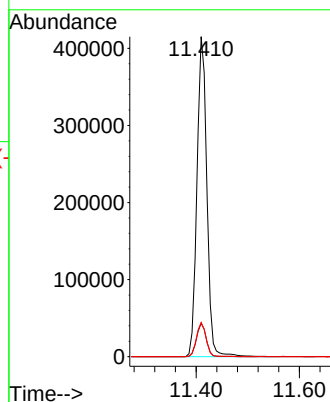
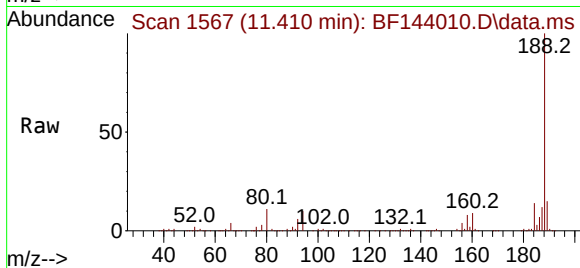
Tgt Ion:188 Resp: 551648

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

80 10.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF144010.D

Acq: 21 Oct 2025 13:58

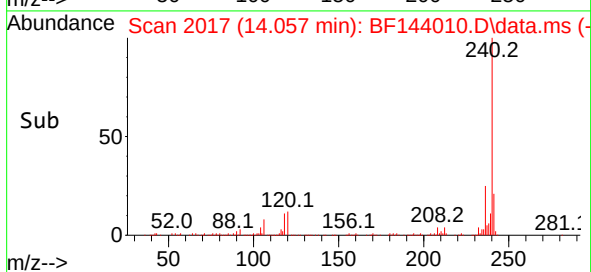
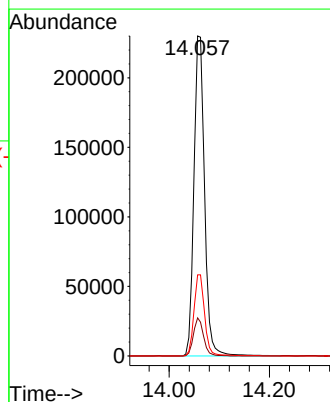
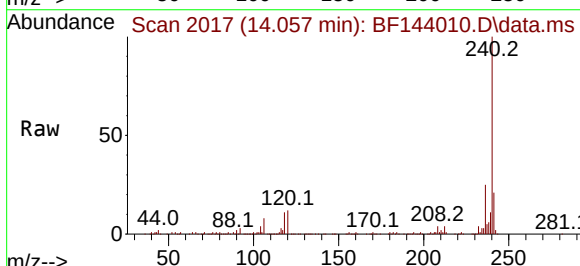
Tgt Ion:240 Resp: 338314

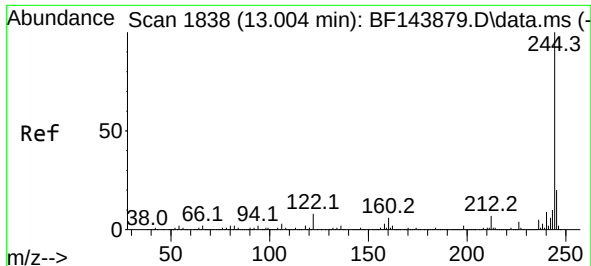
Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

236 25.4 21.1 31.7

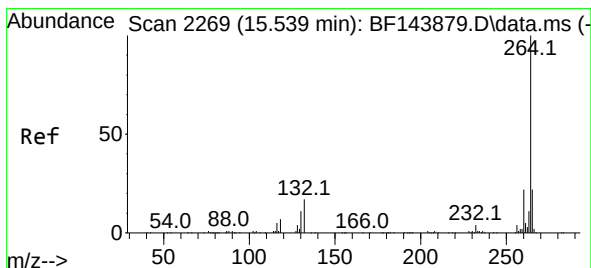
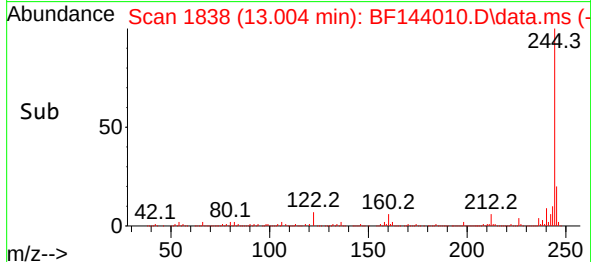
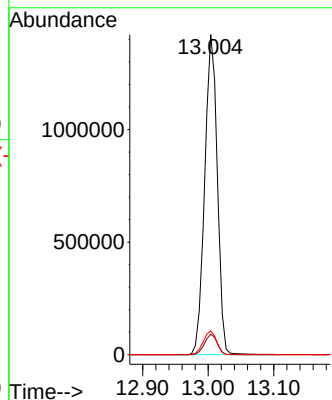
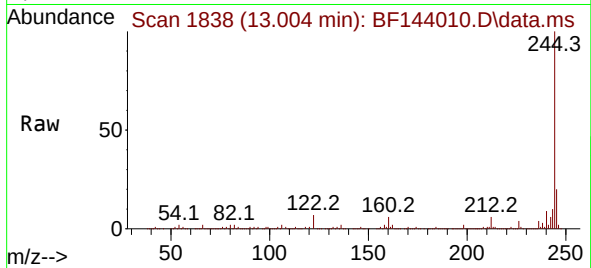




#79
 Terphenyl-d14
 Concen: 96.240 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144010.D
 Acq: 21 Oct 2025 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB170166BL

Tgt Ion:244 Resp: 1905074
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.5 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: BF144010.D
 Acq: 21 Oct 2025 13:58

Tgt Ion:264 Resp: 285914
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.8 26.8
 265 21.4 17.5 26.3

