

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143884.D
 Acq On : 06 Oct 2025 16:38
 Operator : RC/JU
 Sample : PB169953BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Quant Time: Oct 06 17:02:36 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	129386	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	521372	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	290750	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	521950	20.000	ng	0.00
76) Chrysene-d12	14.057	240	368529	20.000	ng	-0.01
86) Perylene-d12	15.539	264	313162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1013367	124.373	ng	0.00
7) Phenol-d6	6.504	99	1218987	125.516	ng	-0.01
23) Nitrobenzene-d5	7.439	82	755179	88.000	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	394958	136.384	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1479716	80.754	ng	-0.01
79) Terphenyl-d14	13.004	244	1748514	81.088	ng	0.00

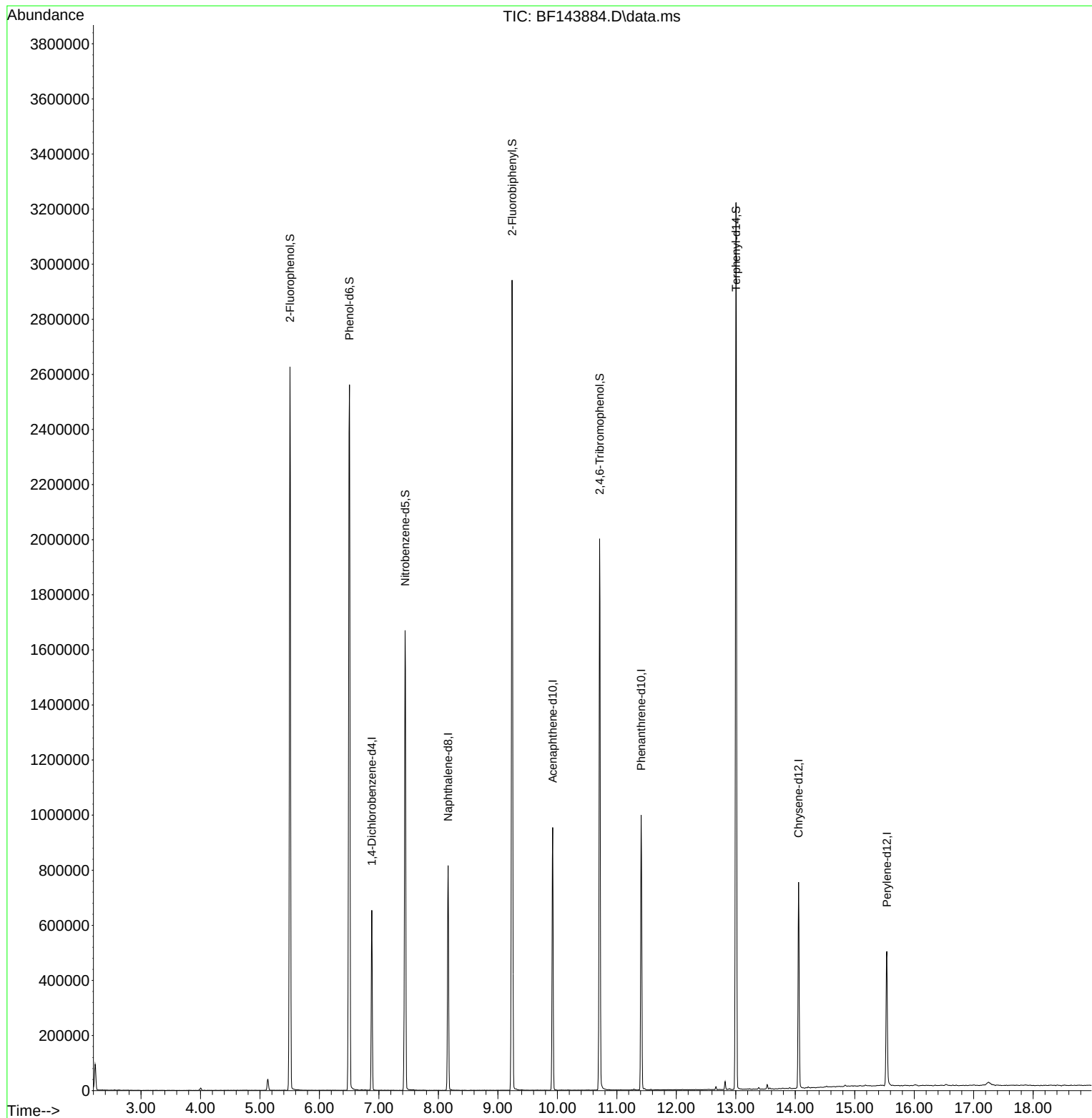
Target Compounds	Qvalue

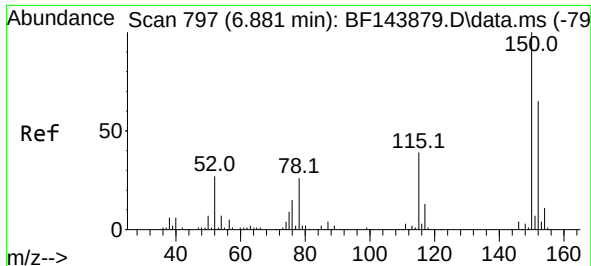
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143884.D
Acq On : 06 Oct 2025 16:38
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

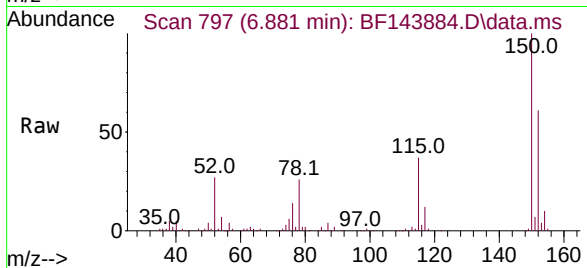
Quant Time: Oct 06 17:02:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



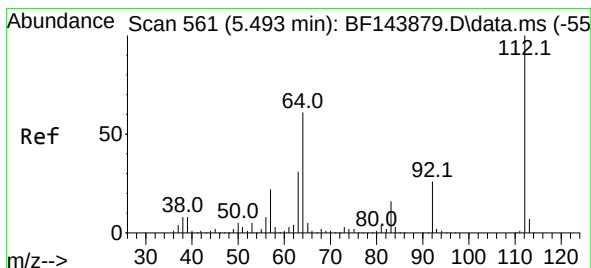
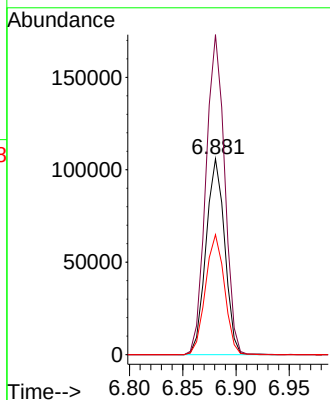
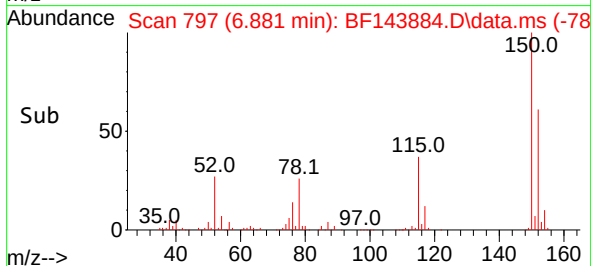


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

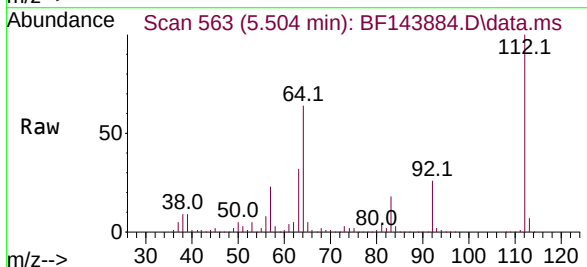
Instrument :
BNA_F
ClientSampleId :
PB169953BL



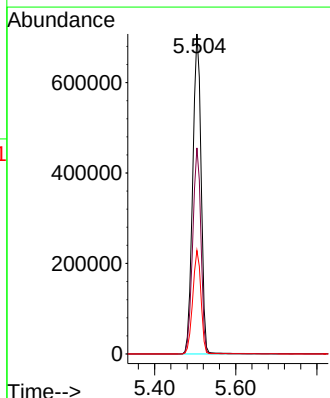
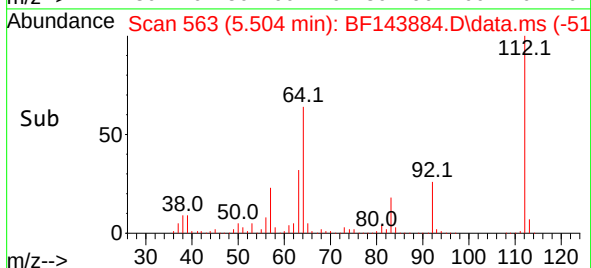
Tgt Ion:152 Resp: 129386
Ion Ratio Lower Upper
152 100
150 163.5 124.4 186.6
115 61.3 48.1 72.1

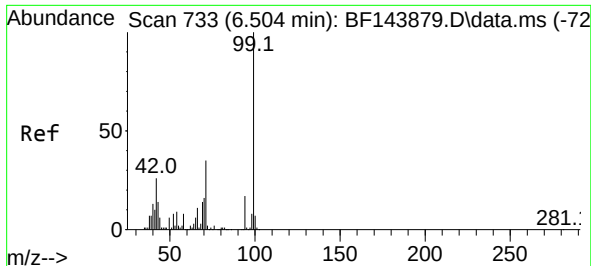


#5
2-Fluorophenol
Concen: 124.373 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38



Tgt Ion:112 Resp: 1013367
Ion Ratio Lower Upper
112 100
64 64.4 49.1 73.7
63 32.4 24.5 36.7



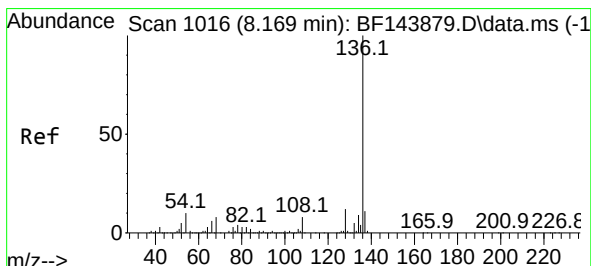
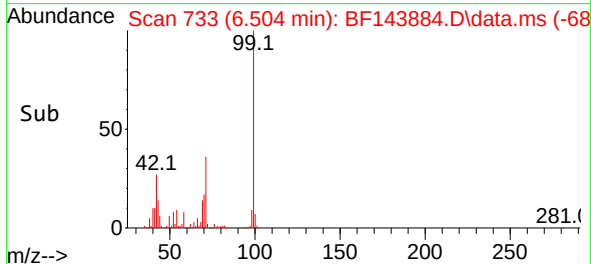
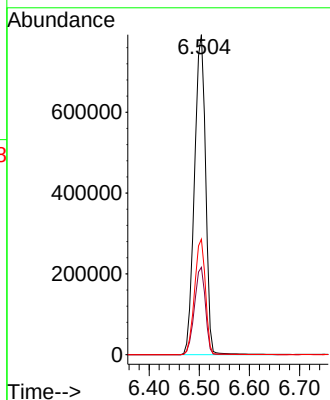
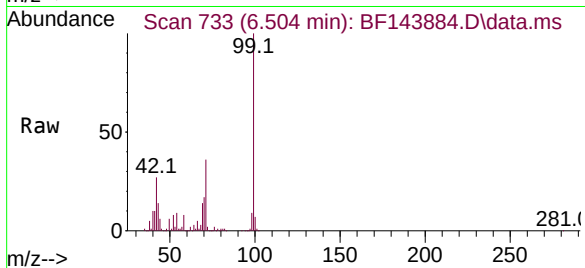


#7
Phenol-d6
Concen: 125.516 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Tgt Ion: 99 Resp: 1218987

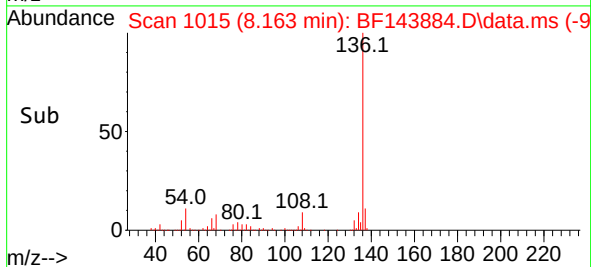
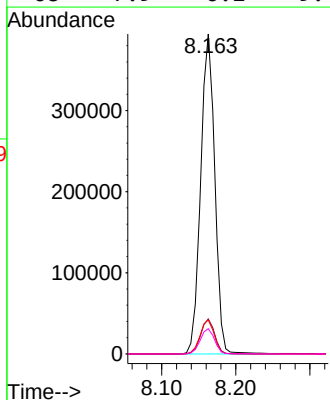
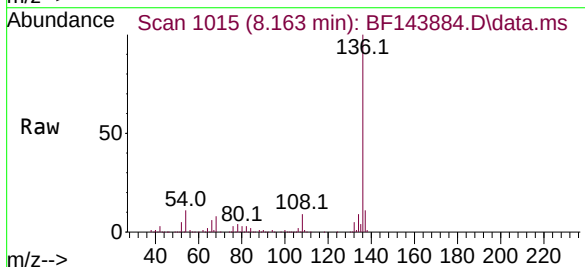
Ion	Ratio	Lower	Upper
99	100		
42	27.3	21.0	31.4
71	36.1	27.8	41.8

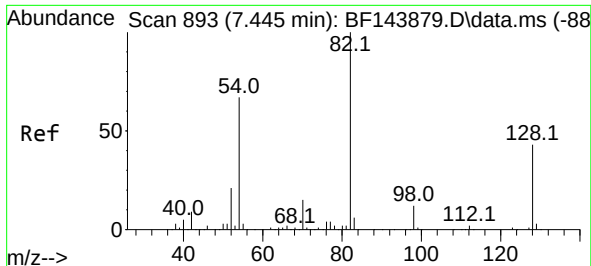


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

Tgt Ion: 136 Resp: 521372

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	8.2	12.4
68	7.9	6.2	9.4

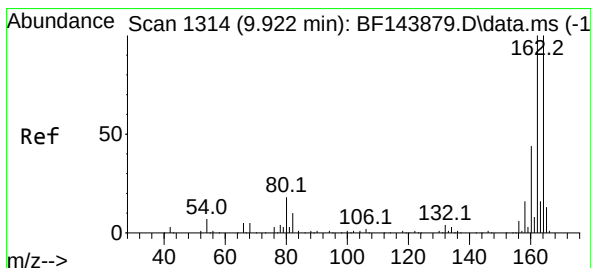
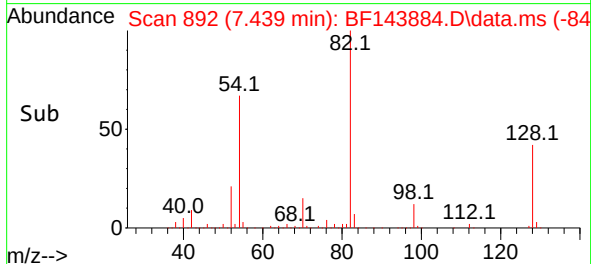
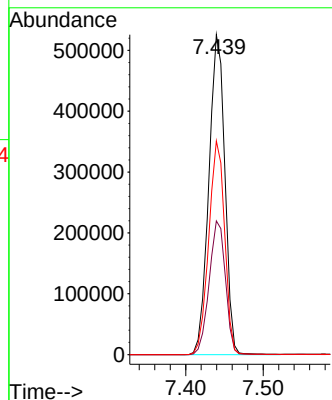
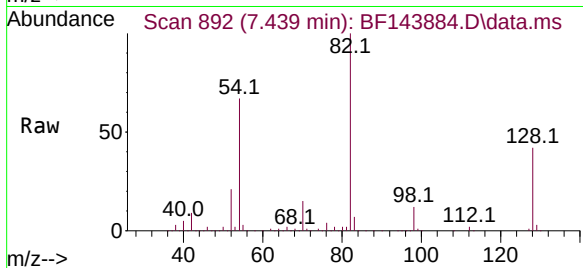




#23
Nitrobenzene-d5
Concen: 88.000 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

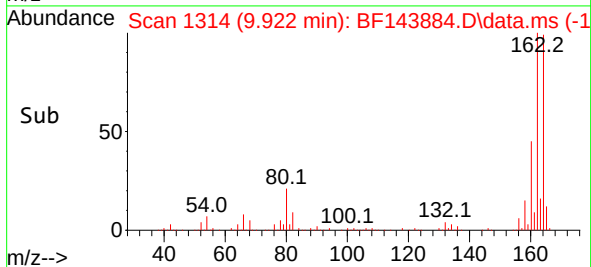
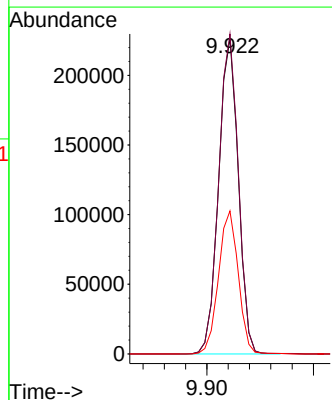
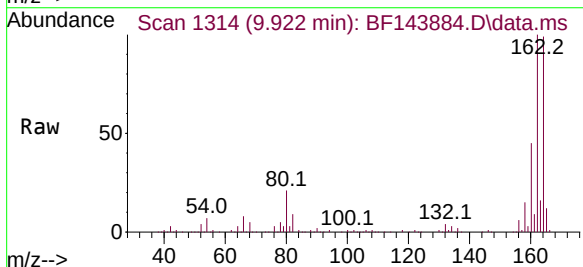
Instrument :
BNA_F
ClientSampleId :
PB169953BL

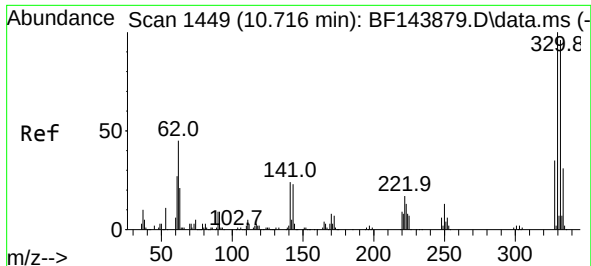
Tgt Ion: 82 Resp: 755179
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 66.8 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

Tgt Ion:164 Resp: 290750
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 136.384 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143884.D

Acq: 06 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

PB169953BL

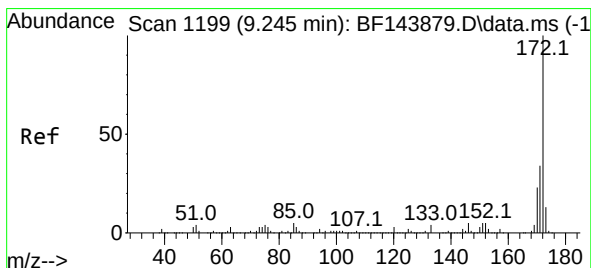
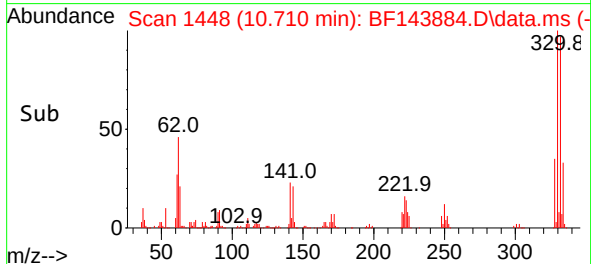
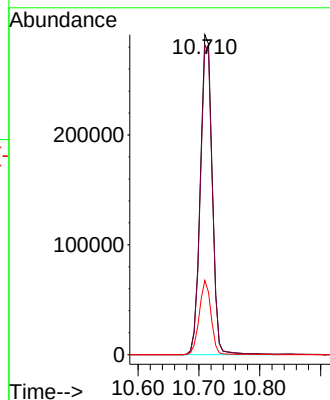
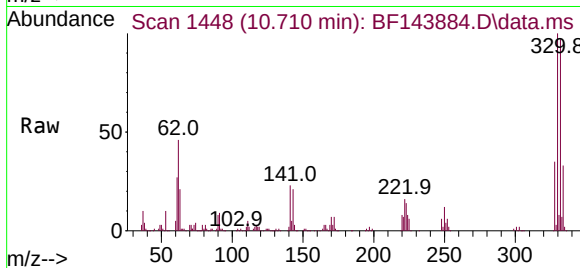
Tgt Ion:330 Resp: 394958

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 22.7 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 80.754 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143884.D

Acq: 06 Oct 2025 16:38

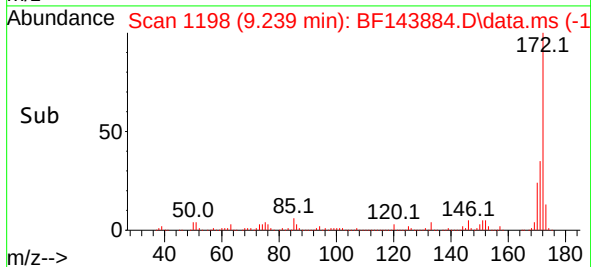
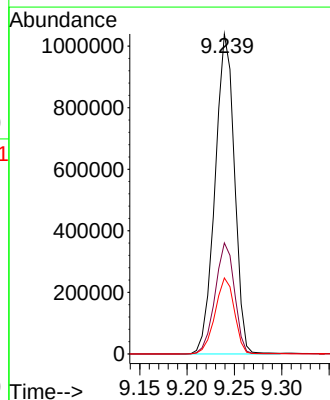
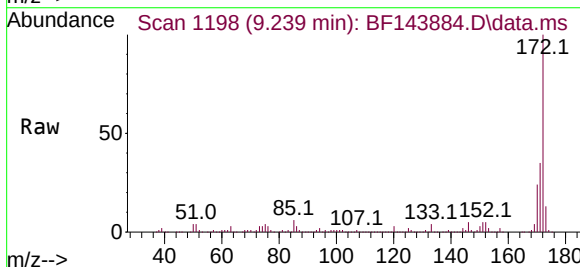
Tgt Ion:172 Resp: 1479716

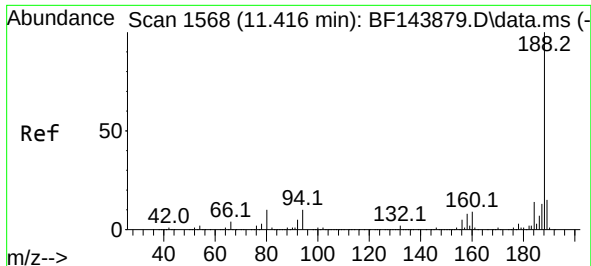
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.7 18.6 28.0

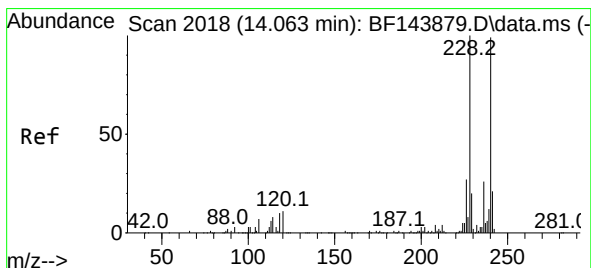
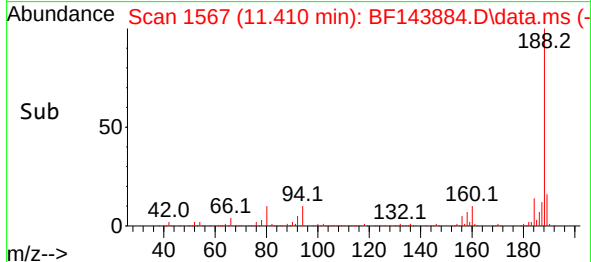
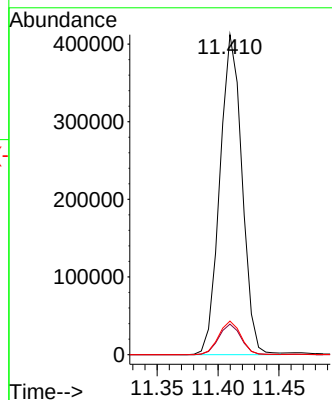
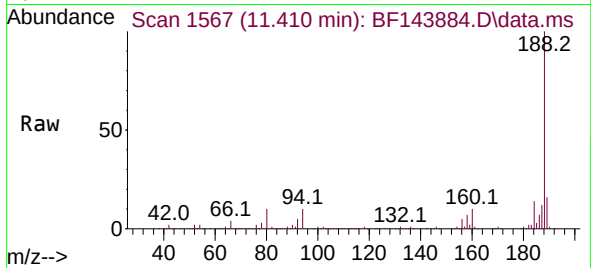




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

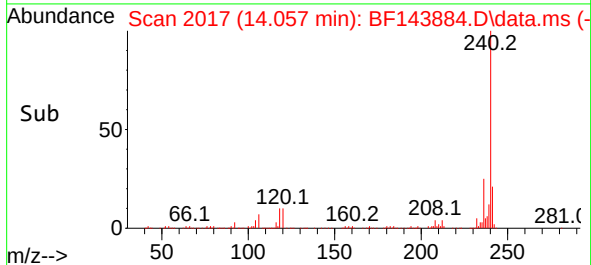
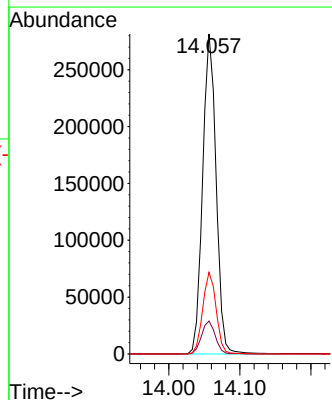
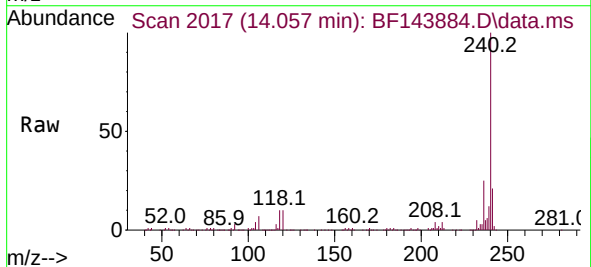
Instrument :
BNA_F
ClientSampleId :
PB169953BL

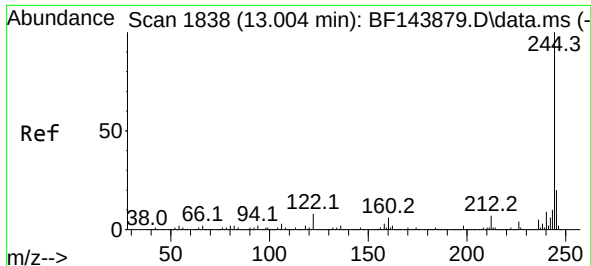
Tgt Ion:188 Resp: 521950
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143884.D
Acq: 06 Oct 2025 16:38

Tgt Ion:240 Resp: 368529
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.5 21.1 31.7

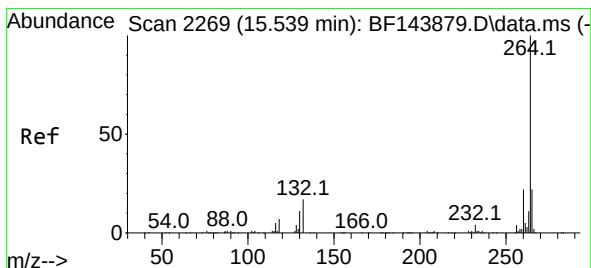
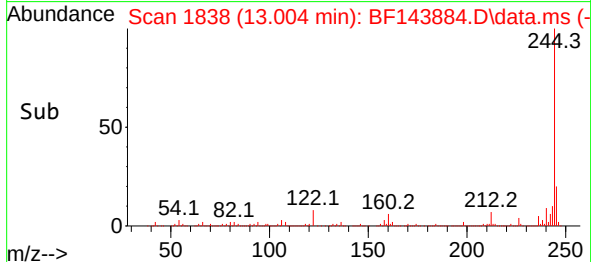
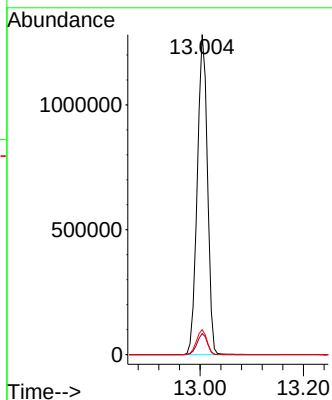
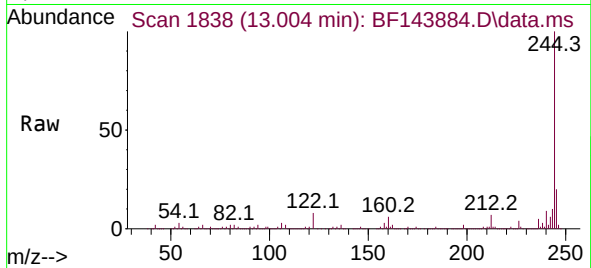




#79
 Terphenyl-d14
 Concen: 81.088 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143884.D
 Acq: 06 Oct 2025 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Tgt Ion:244 Resp: 1748514
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 7.8 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF143884.D
 Acq: 06 Oct 2025 16:38

Tgt Ion:264 Resp: 313162
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.8 26.8
 265 22.1 17.5 26.3

