

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144416.D
 Acq On : 03 Dec 2025 12:54
 Operator : RC/JU
 Sample : PB170797BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170797BL

Quant Time: Dec 03 13:14:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	51522	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	197478	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	112839	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	204071	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124841	20.000	ng	0.00
86) Perylene-d12	15.527	264	151129	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	397330	120.681	ng	0.00
7) Phenol-d6	6.498	99	459046	123.050	ng	0.00
23) Nitrobenzene-d5	7.428	82	291466	85.243	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	193261	136.484	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	655159	85.753	ng	0.00
79) Terphenyl-d14	12.980	244	710045	90.342	ng	-0.01

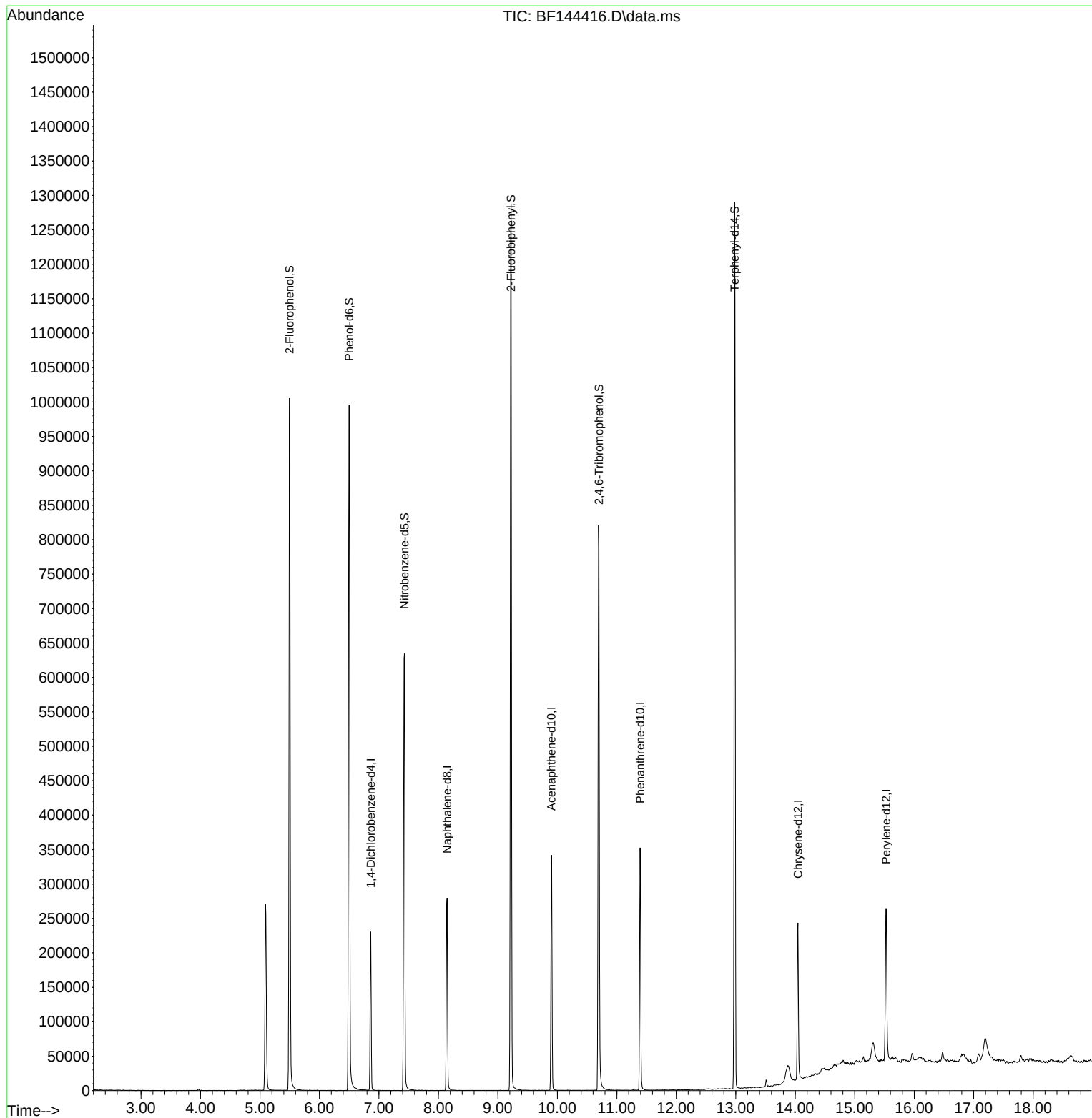
Target Compounds	Qvalue

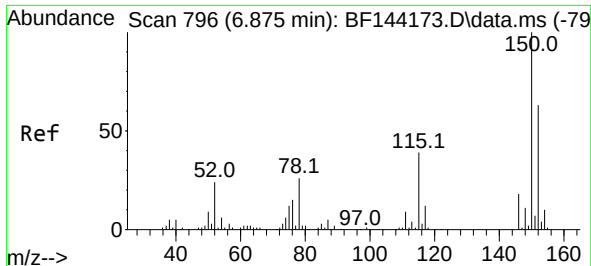
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144416.D
Acq On : 03 Dec 2025 12:54
Operator : RC/JU
Sample : PB170797BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170797BL

Quant Time: Dec 03 13:14:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

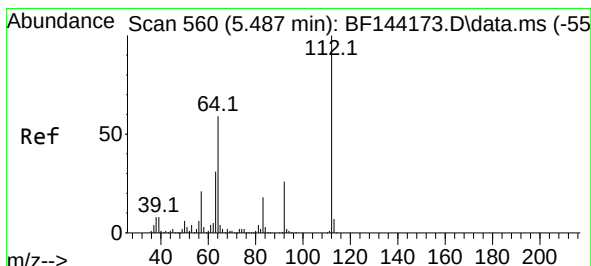
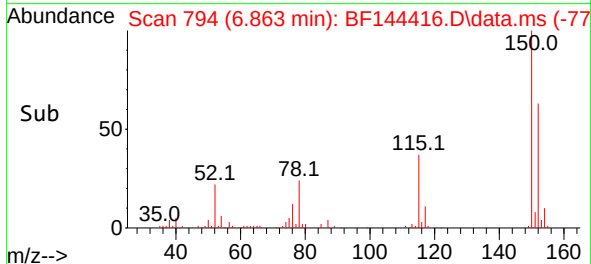
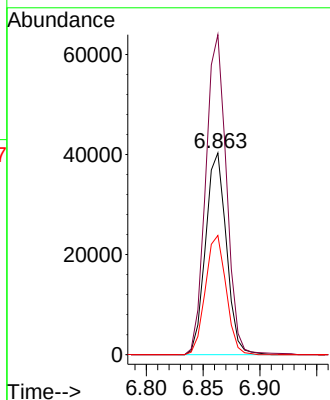
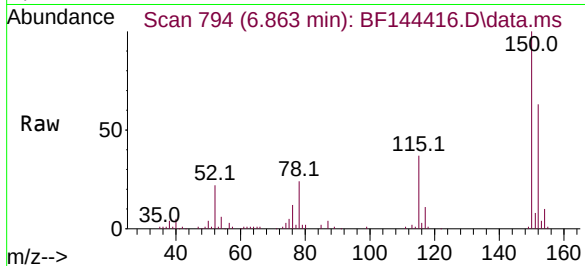




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

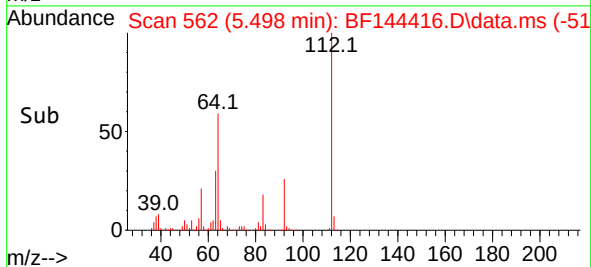
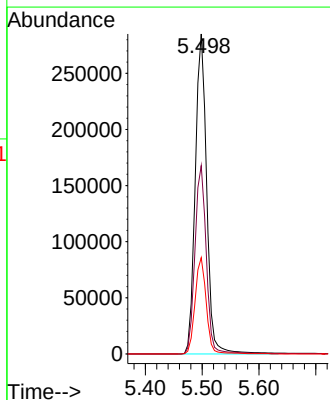
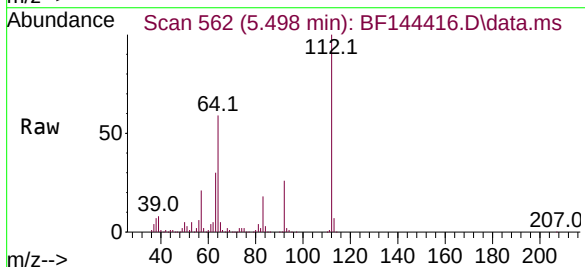
Instrument :
BNA_F
ClientSampleId :
PB170797BL

Tgt Ion:152 Resp: 51522
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 120.681 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

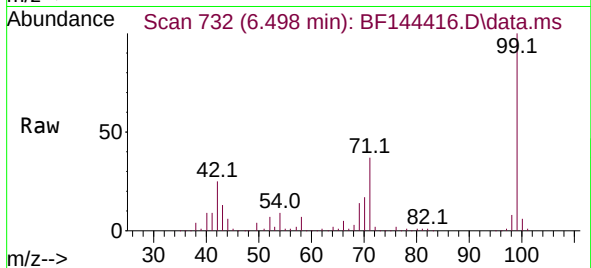
Tgt Ion:112 Resp: 397330
Ion Ratio Lower Upper
112 100
64 58.8 47.2 70.8
63 30.1 24.4 36.6



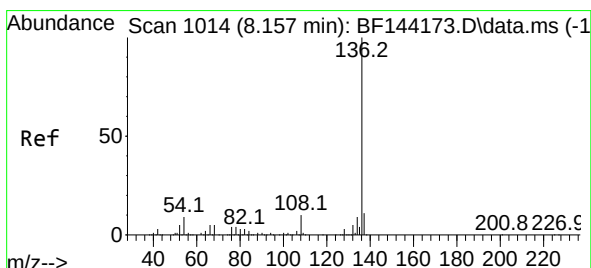
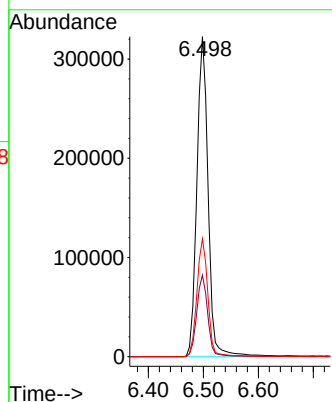
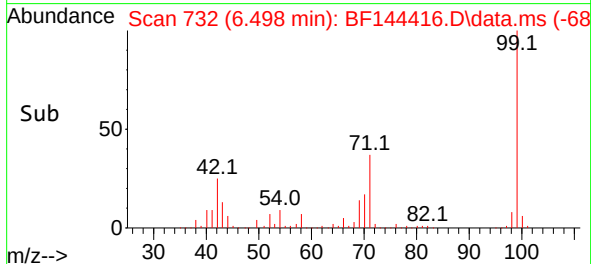


#7
Phenol-d6
Concen: 123.050 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

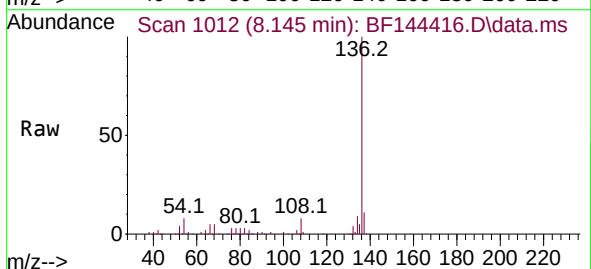
Instrument :
BNA_F
ClientSampleId :
PB170797BL



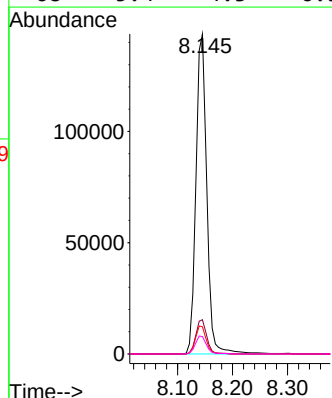
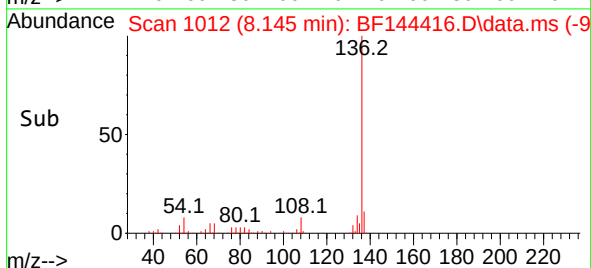
Tgt Ion: 99 Resp: 459046
Ion Ratio Lower Upper
99 100
42 25.5 20.9 31.3
71 36.9 31.4 47.2

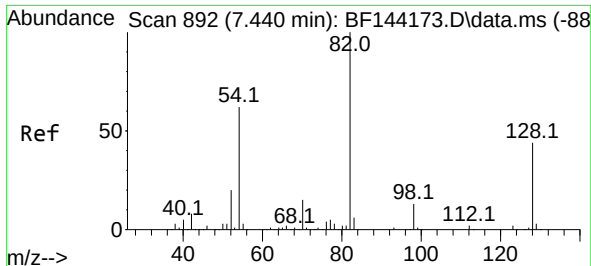


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54



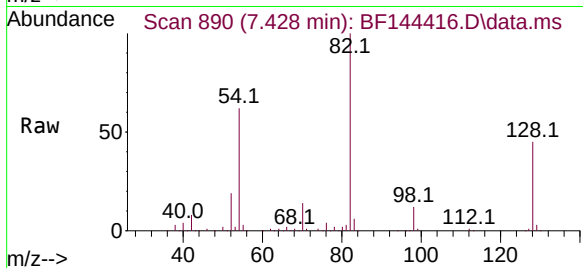
Tgt Ion: 136 Resp: 197478
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.0 10.6
68 5.4 4.3 6.5



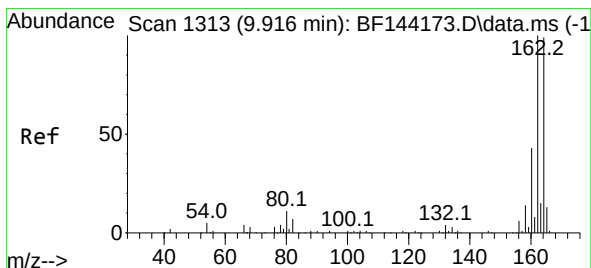
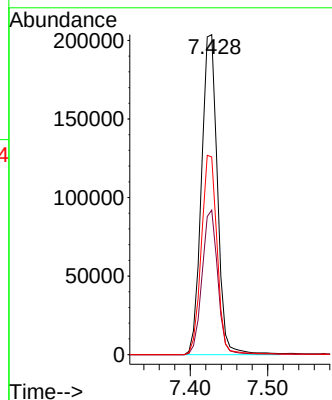
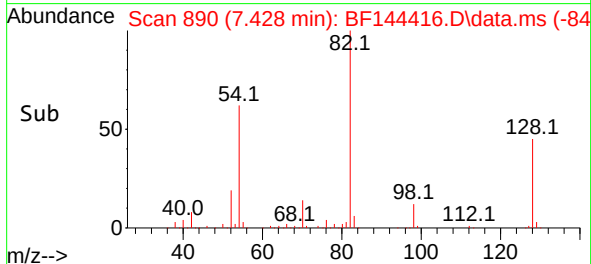


#23
Nitrobenzene-d5
Concen: 85.243 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

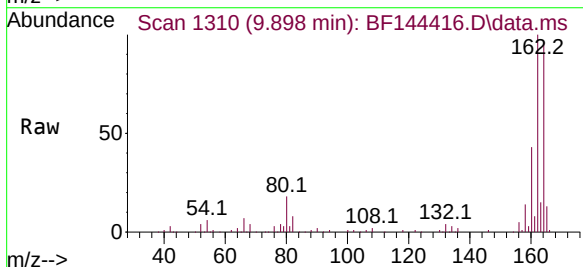
Instrument :
BNA_F
ClientSampleId :
PB170797BL



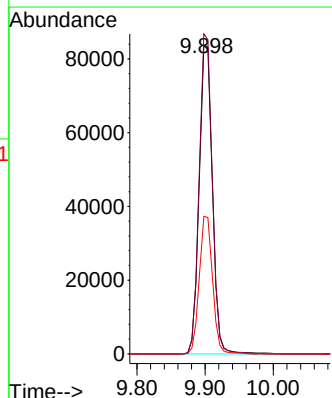
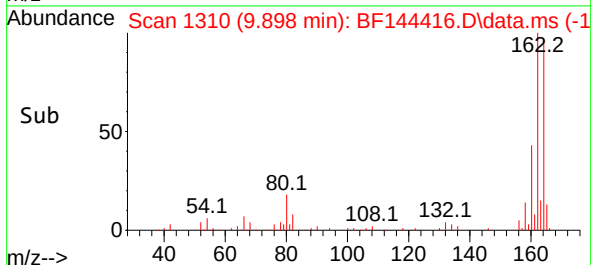
Tgt Ion: 82 Resp: 291466
Ion Ratio Lower Upper
82 100
128 45.2 34.7 52.1
54 61.8 49.5 74.3

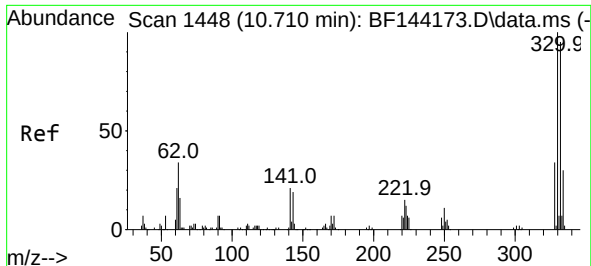


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54



Tgt Ion:164 Resp: 112839
Ion Ratio Lower Upper
164 100
162 103.9 81.1 121.7
160 44.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 136.484 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144416.D

Acq: 03 Dec 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB170797BL

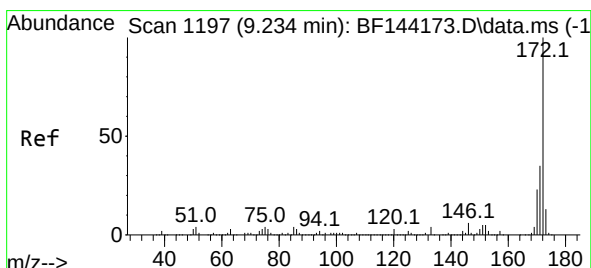
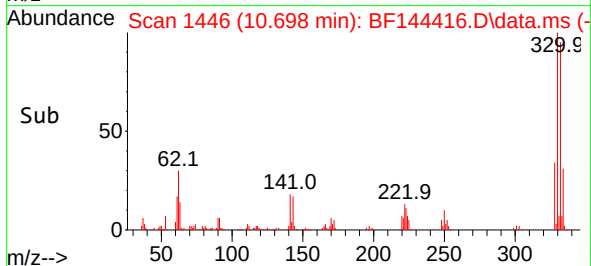
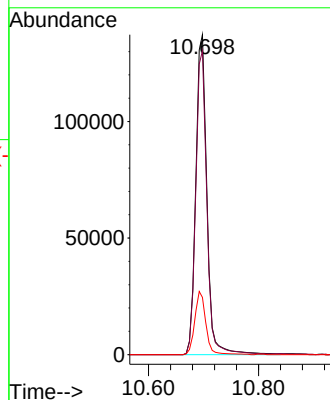
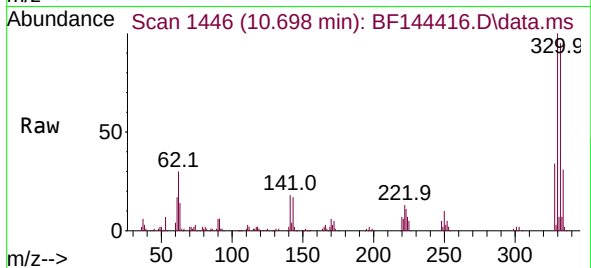
Tgt Ion:330 Resp: 193261

Ion Ratio Lower Upper

330 100

332 94.7 76.7 115.1

141 19.6 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 85.753 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144416.D

Acq: 03 Dec 2025 12:54

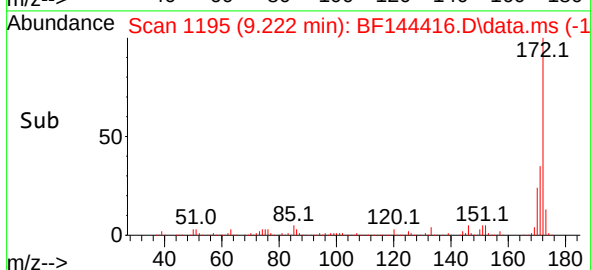
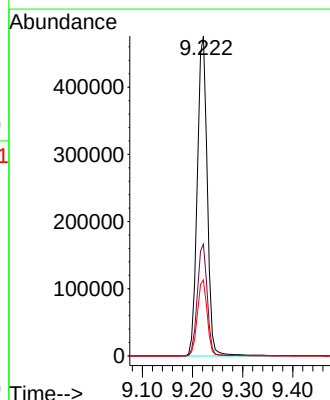
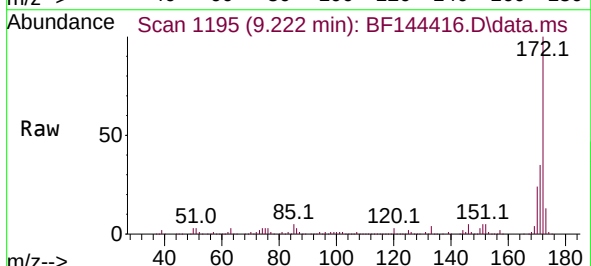
Tgt Ion:172 Resp: 655159

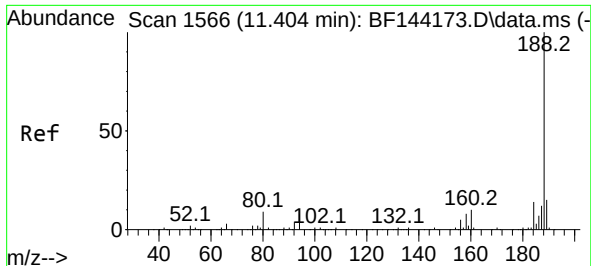
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

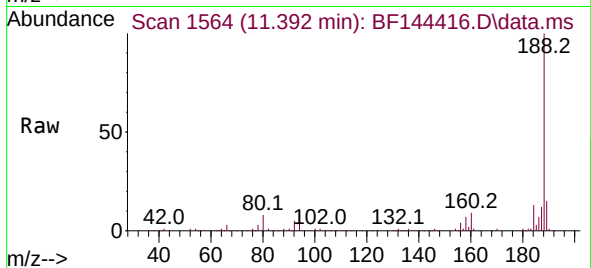
170 23.7 18.6 28.0



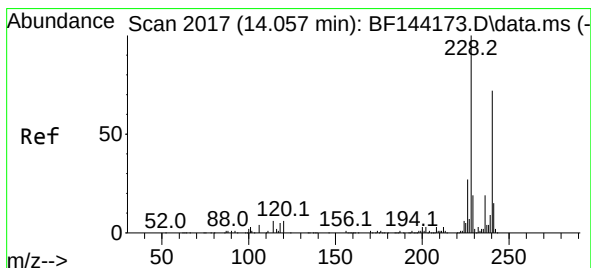
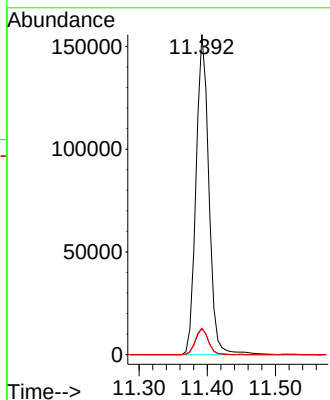
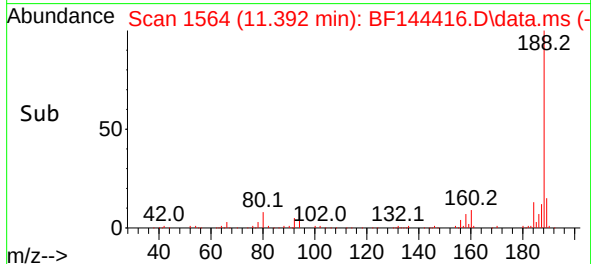


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB170797BL

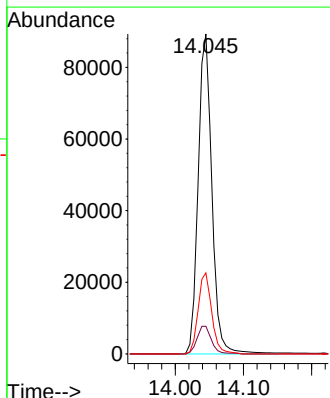
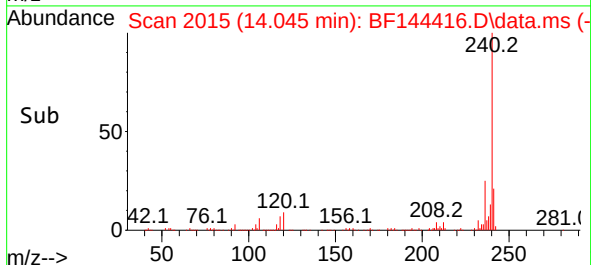
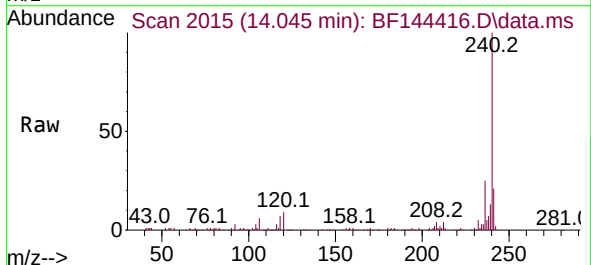


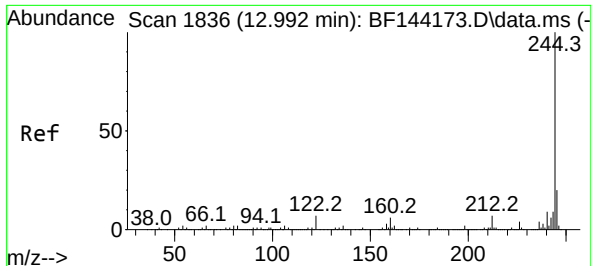
Tgt Ion:188 Resp: 204071
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144416.D
Acq: 03 Dec 2025 12:54

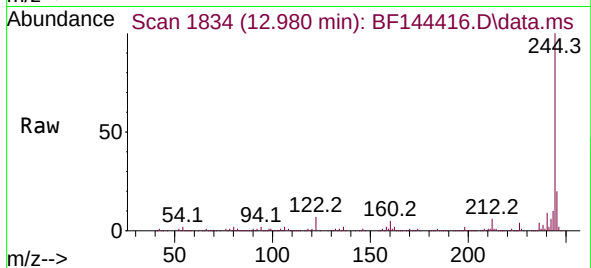
Tgt Ion:240 Resp: 124841
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 25.3 21.4 32.2



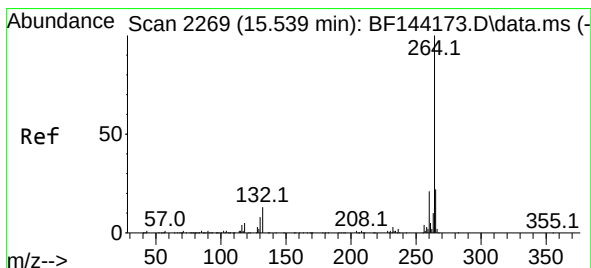
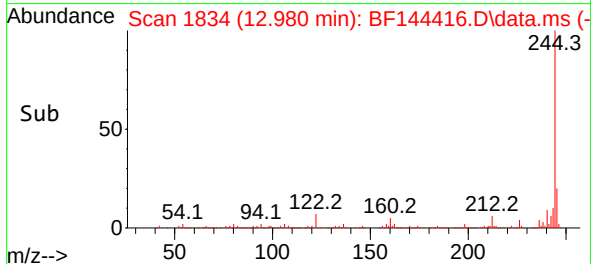
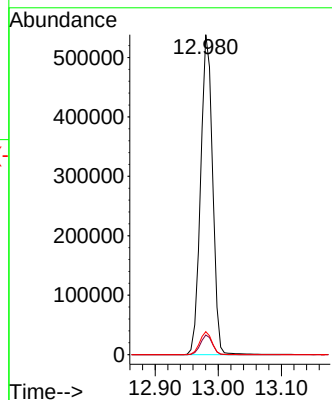


#79
 Terphenyl-d14
 Concen: 90.342 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144416.D
 Acq: 03 Dec 2025 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB170797BL



Tgt Ion:244 Resp: 710045
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144416.D
 Acq: 03 Dec 2025 12:54

Tgt Ion:264 Resp: 151129
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.1 25.7
 265 21.6 17.4 26.0

