

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143952.D
 Acq On : 15 Oct 2025 15:02
 Operator : RC/JU
 Sample : PB170101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL

Quant Time: Oct 16 00:12:48 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	131656	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	508298	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	287718	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	512171	20.00	ng	0.00
76) Chrysene-d12	14.063	240	322873	20.00	ng	0.00
86) Perylene-d12	15.545	264	282066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	914868	110.35	ng	0.00
7) Phenol-d6	6.504	99	1075441	108.83	ng	-0.01
23) Nitrobenzene-d5	7.439	82	683913	81.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	342025	119.35	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1296993	71.53	ng	-0.01
79) Terphenyl-d14	13.004	244	1545666	81.82	ng	0.00

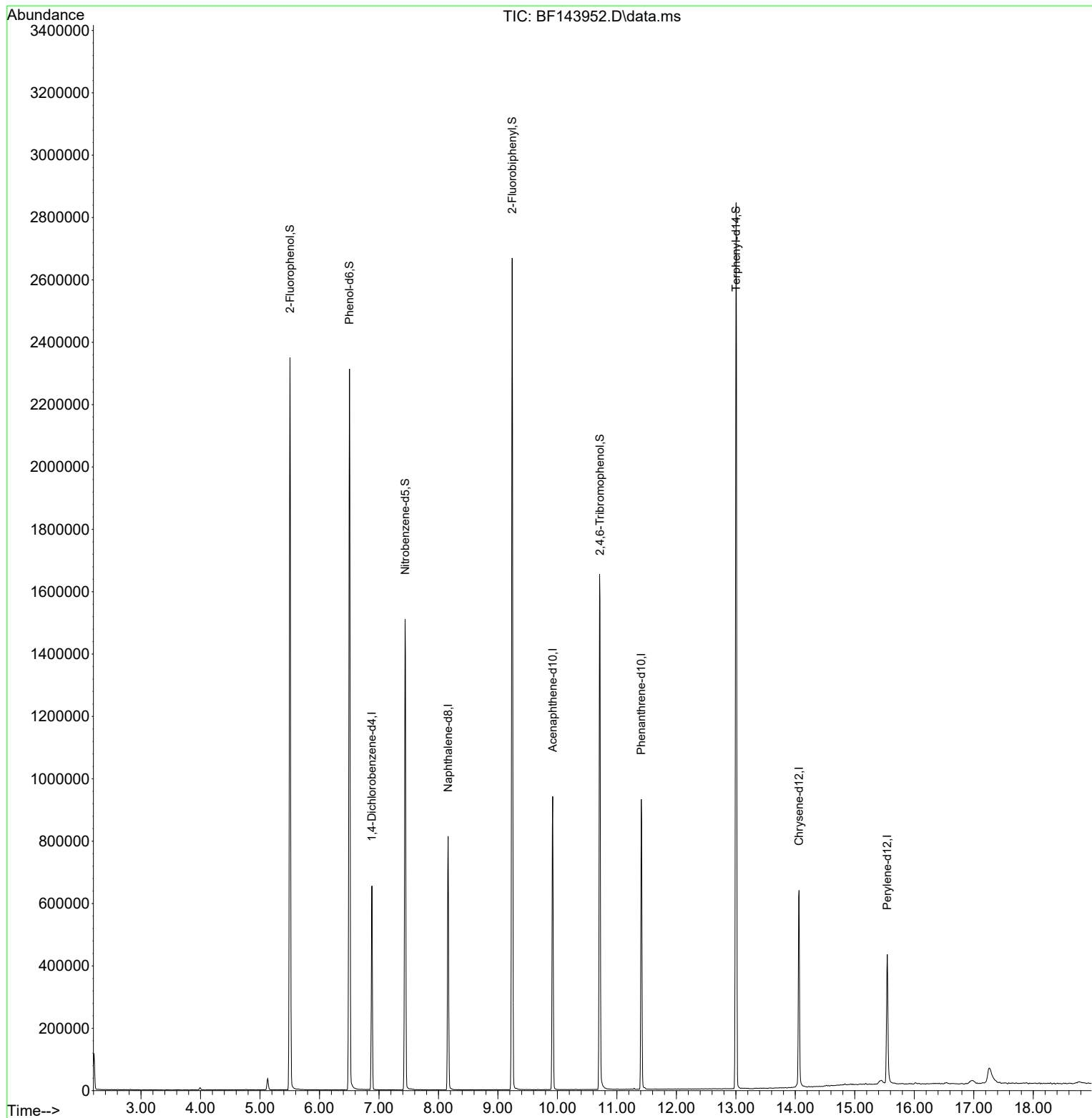
Target Compounds	Qvalue

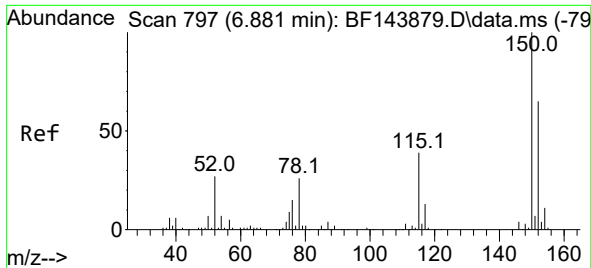
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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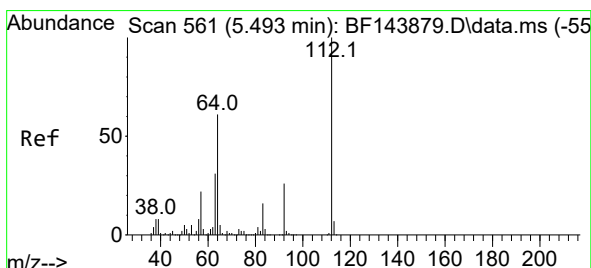
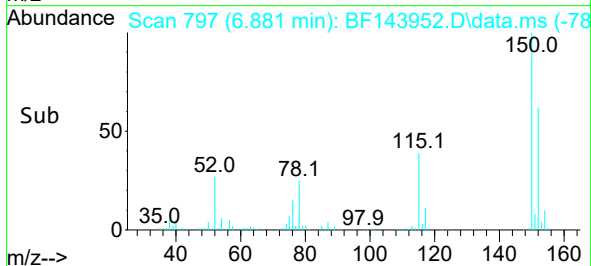
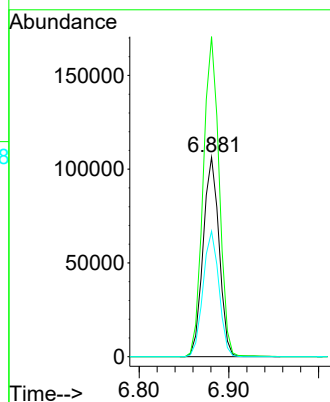
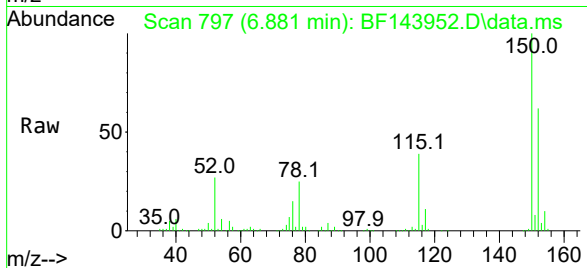




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

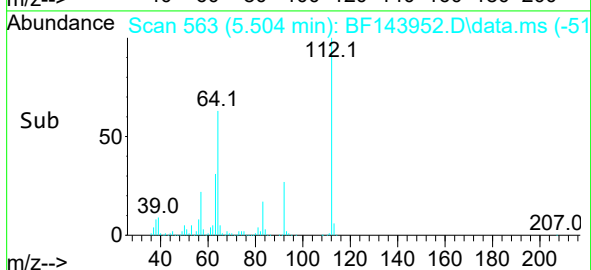
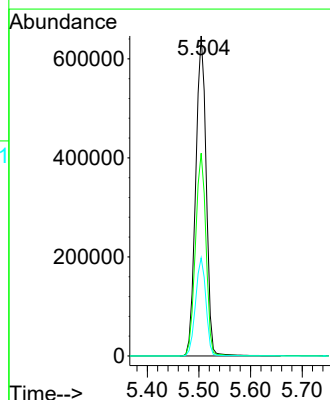
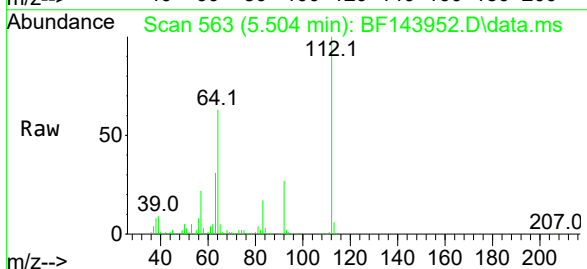
Instrument :
BNA_F
ClientSampleId :
PB170101BL

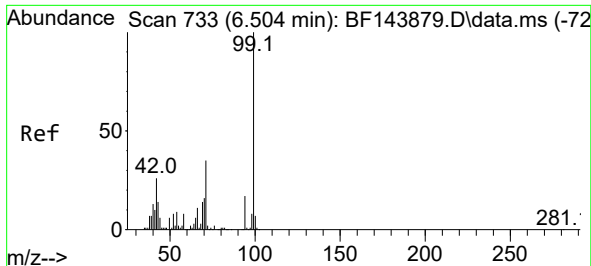
Tgt Ion:152 Resp: 131656
Ion Ratio Lower Upper
152 100
150 160.5 124.4 186.6
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 110.35 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

Tgt Ion:112 Resp: 914868
Ion Ratio Lower Upper
112 100
64 63.3 49.1 73.7
63 30.6 24.5 36.7

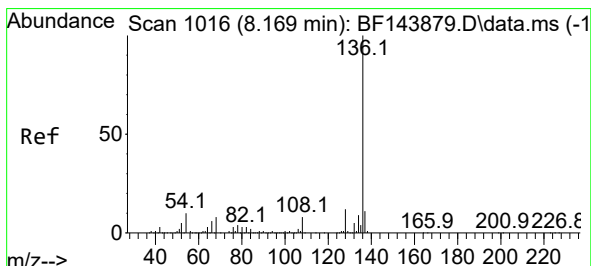
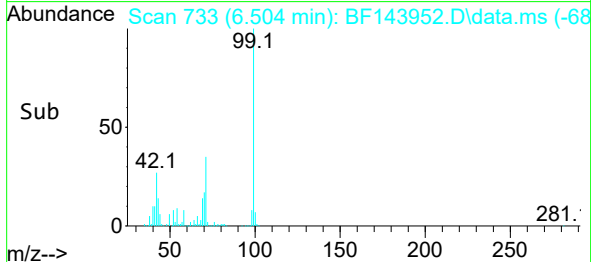
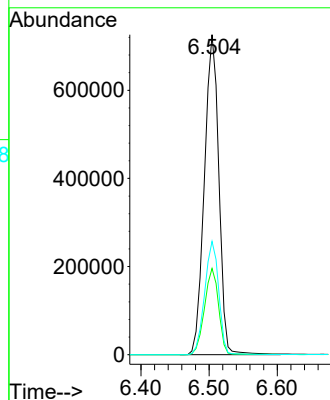
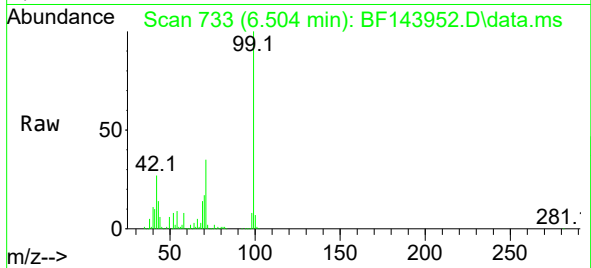




#7
Phenol-d6
Concen: 108.83 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

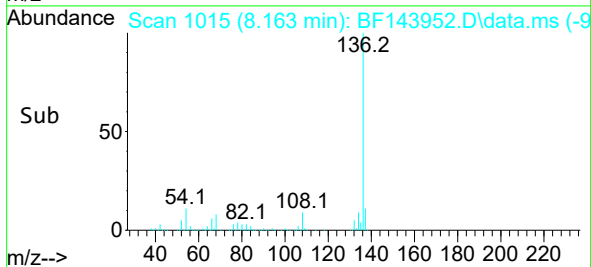
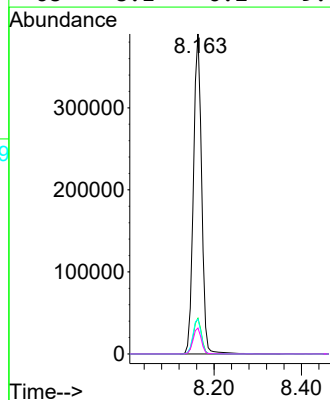
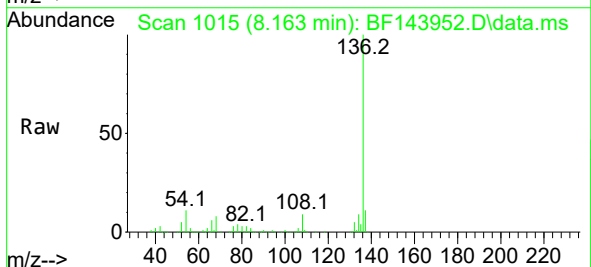
Instrument :
BNA_F
ClientSampleId :
PB170101BL

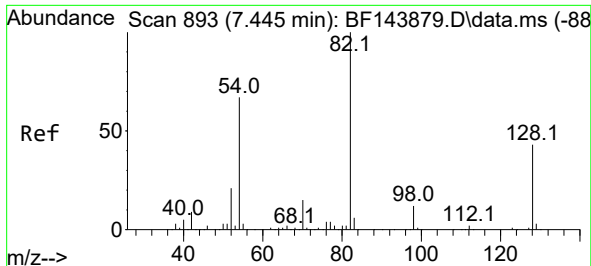
Tgt Ion: 99 Resp: 1075441
Ion Ratio Lower Upper
99 100
42 27.0 21.0 31.4
71 35.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

Tgt Ion:136 Resp: 508298
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.0 8.2 12.4
68 8.1 6.2 9.4





#23

Nitrobenzene-d5

Concen: 81.75 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143952.D

Acq: 15 Oct 2025 15:02

Instrument :

BNA_F

ClientSampleId :

PB170101BL

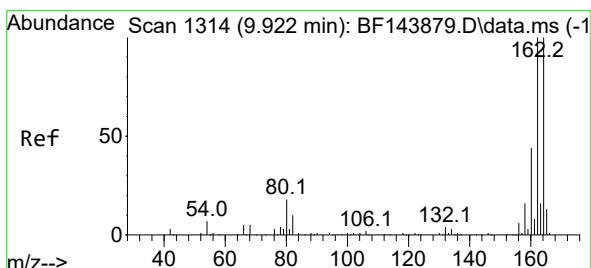
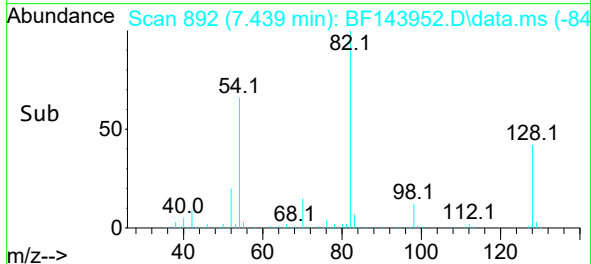
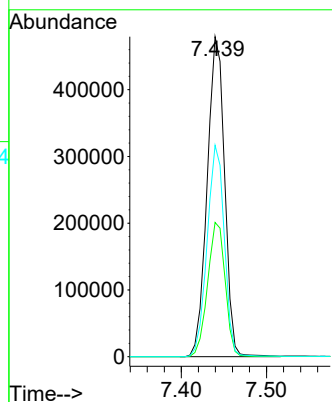
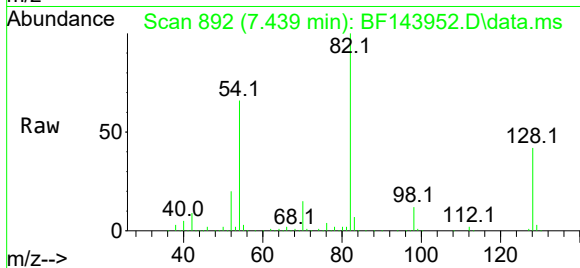
Tgt Ion: 82 Resp: 683913

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

54 66.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143952.D

Acq: 15 Oct 2025 15:02

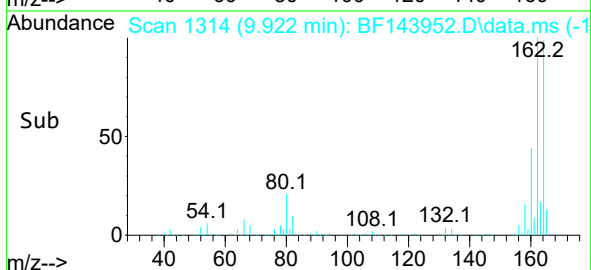
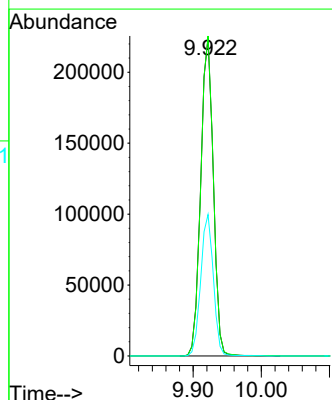
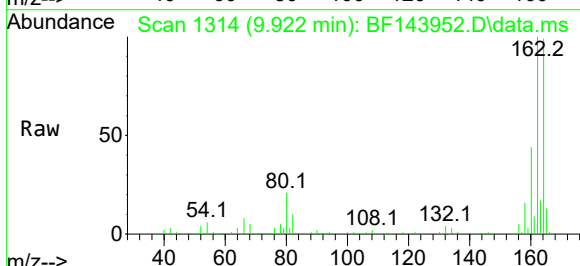
Tgt Ion:164 Resp: 287718

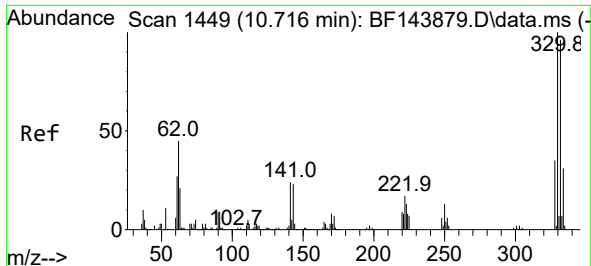
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

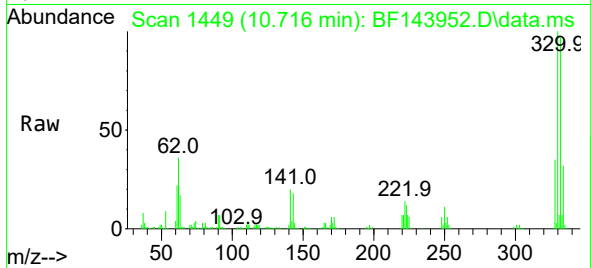
160 44.5 35.4 53.0



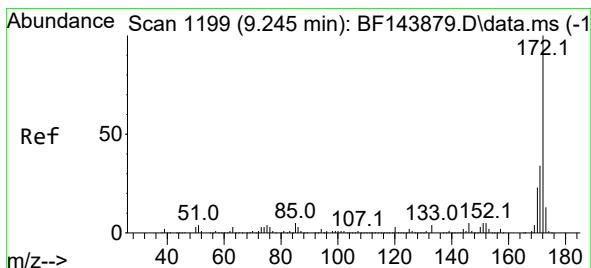
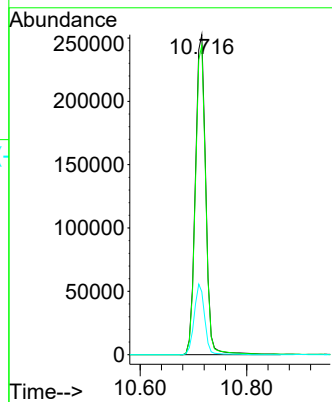
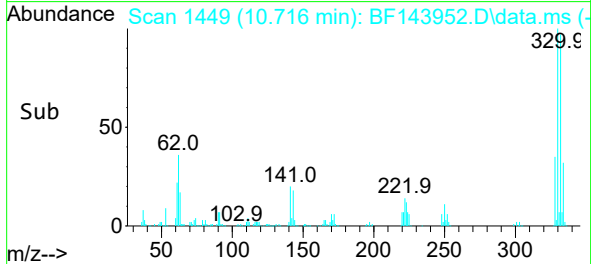


#42
2,4,6-Tribromophenol
Concen: 119.35 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

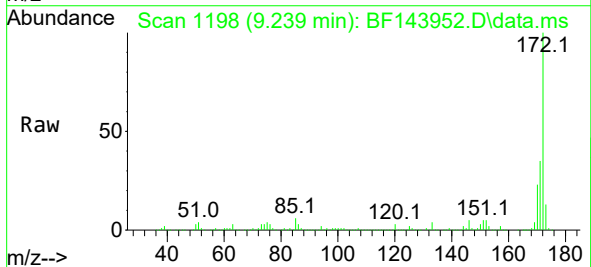
Instrument :
BNA_F
ClientSampleId :
PB170101BL



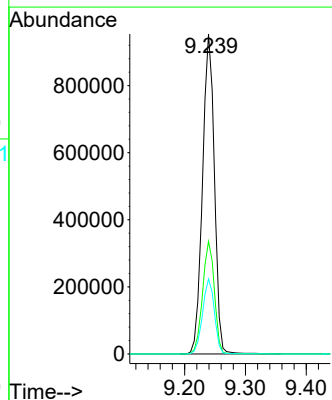
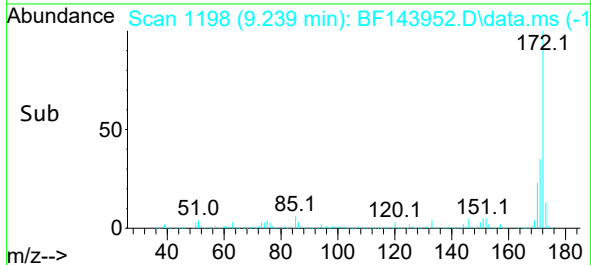
Tgt Ion:330 Resp: 342025
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 22.3 20.2 30.4

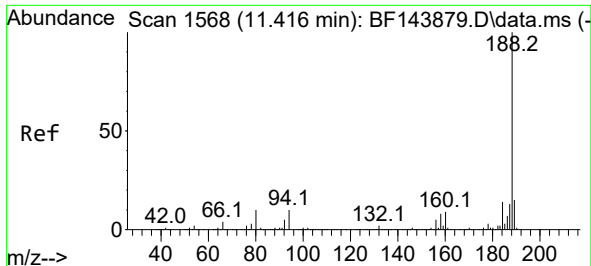


#45
2-Fluorobiphenyl
Concen: 71.53 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02



Tgt Ion:172 Resp: 1296993
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.5 18.6 28.0

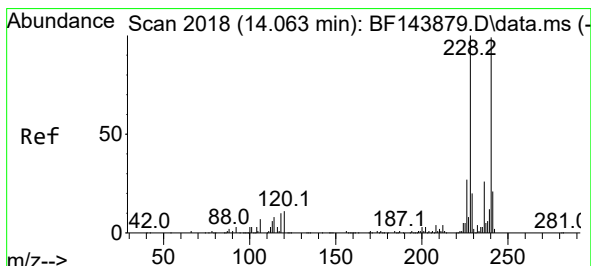
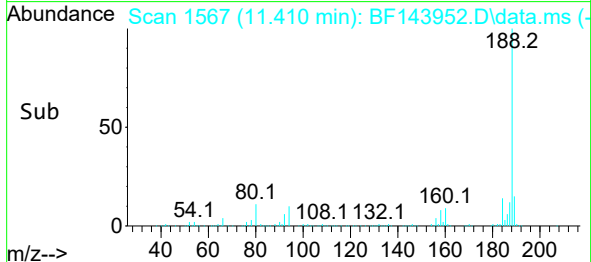
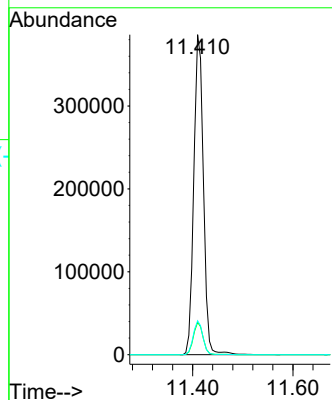
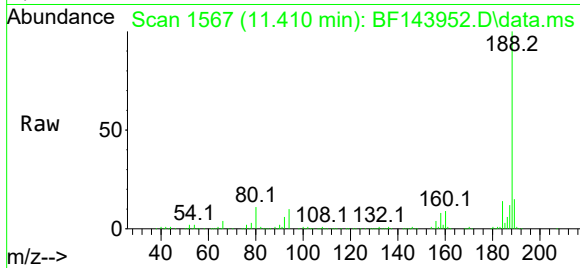




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

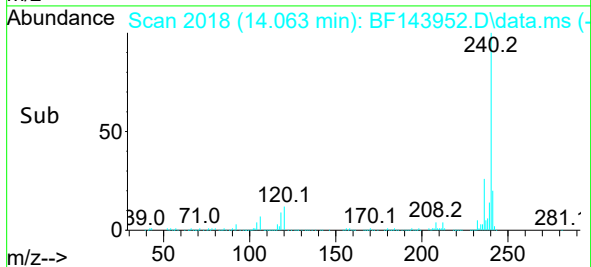
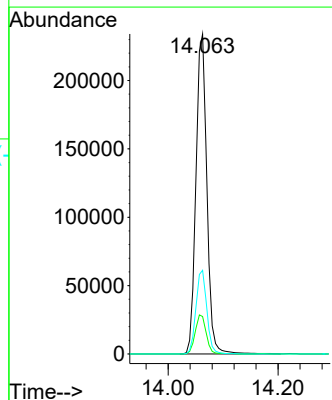
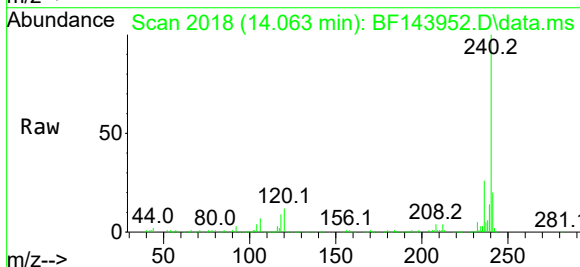
Instrument :
BNA_F
ClientSampleId :
PB170101BL

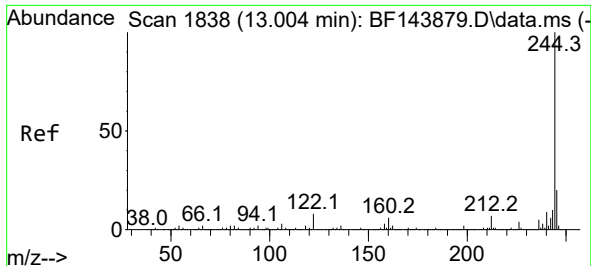
Tgt Ion:188 Resp: 512171
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

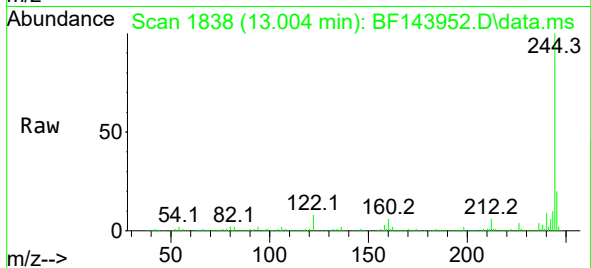
Tgt Ion:240 Resp: 322873
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 26.1 21.1 31.7



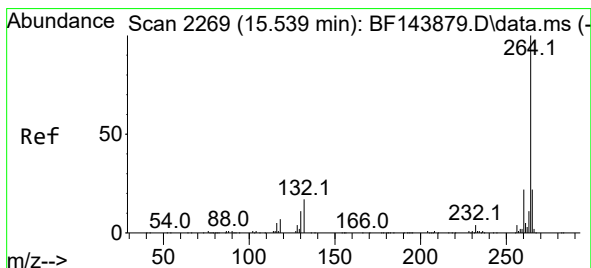
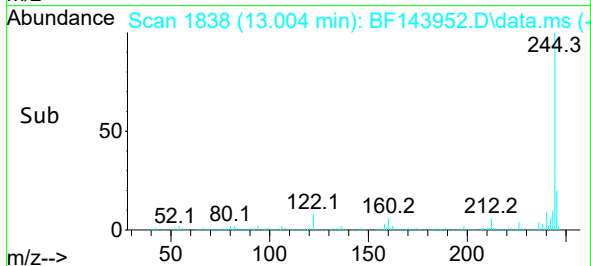
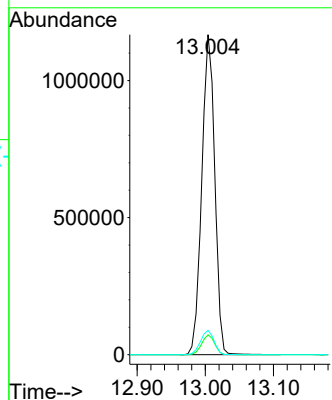


#79
Terphenyl-d14
Concen: 81.82 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

Instrument :
BNA_F
ClientSampleId :
PB170101BL



Tgt Ion:244 Resp: 1545666
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 7.6 6.4 9.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143952.D
Acq: 15 Oct 2025 15:02

Tgt Ion:264 Resp: 282066
Ion Ratio Lower Upper
264 100
260 22.3 17.8 26.8
265 20.8 17.5 26.3

