

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143955.D
 Acq On : 15 Oct 2025 16:29
 Operator : RC/JU
 Sample : PB170106BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170106BL

Quant Time: Oct 16 11:09:30 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	127400	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	500628	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	280346	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	489929	20.00	ng	0.00
76) Chrysene-d12	14.057	240	295321	20.00	ng	-0.01
86) Perylene-d12	15.545	264	261371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1021290	127.30	ng	0.00
7) Phenol-d6	6.504	99	1223528	127.95	ng	-0.01
23) Nitrobenzene-d5	7.439	82	778121	94.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	390407	139.82	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1453089	82.24	ng	-0.01
79) Terphenyl-d14	13.004	244	1702428	98.52	ng	0.00

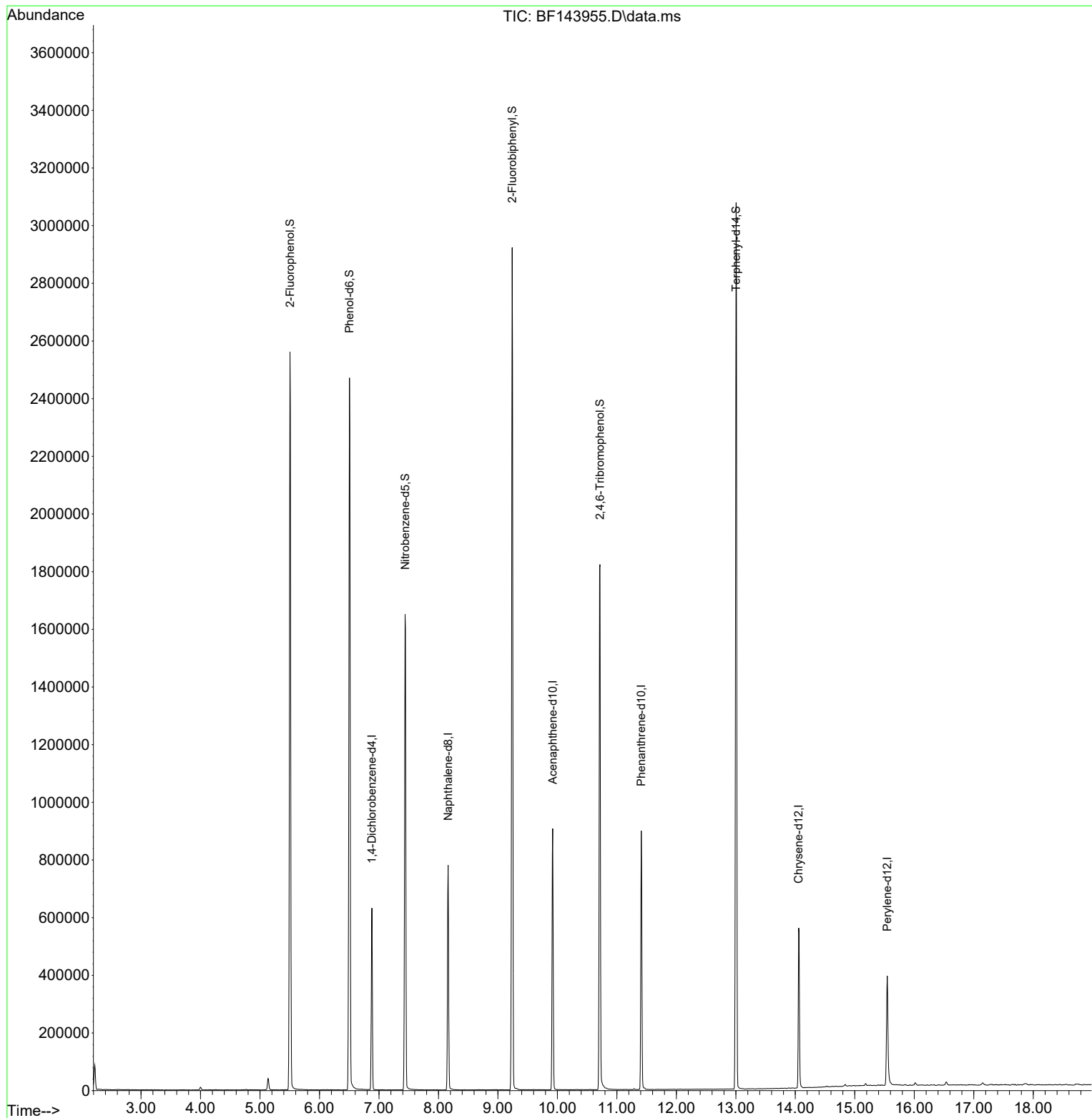
Target Compounds	Qvalue

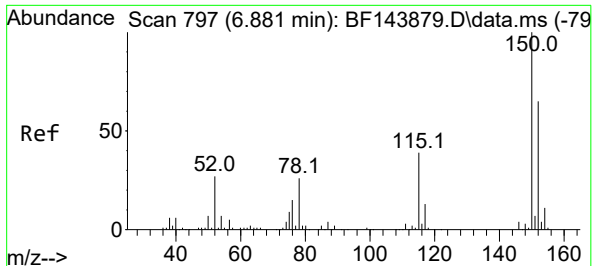
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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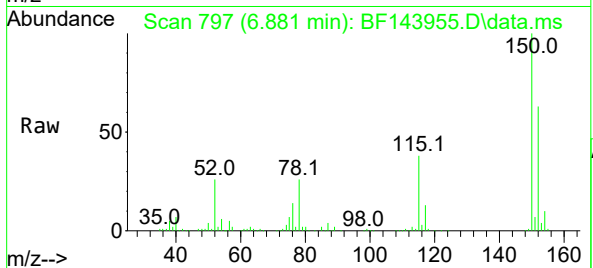
Quant Time: Oct 16 11:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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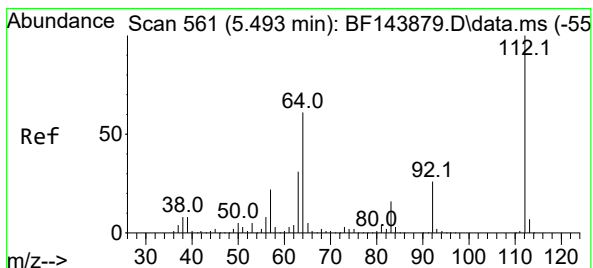
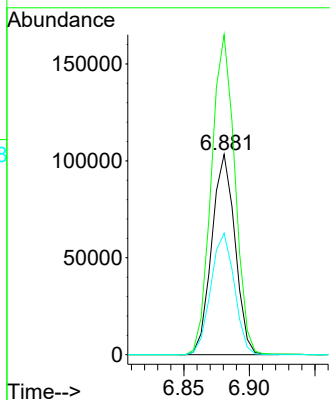
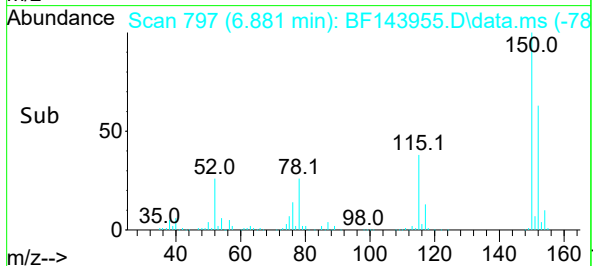


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

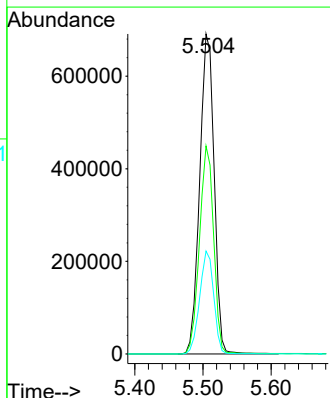
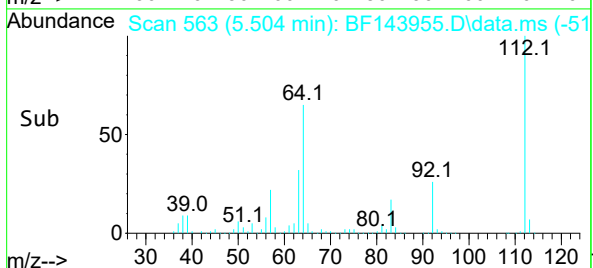
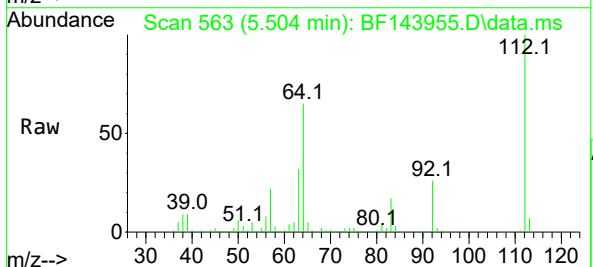


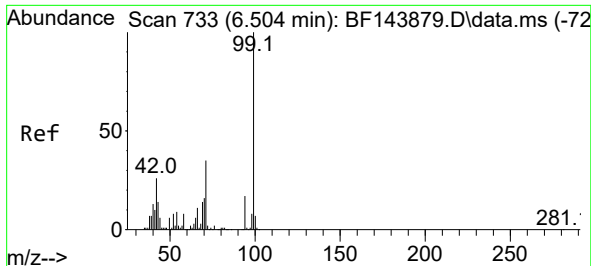
Tgt Ion:152 Resp: 127400
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 127.30 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:112 Resp: 1021290
Ion Ratio Lower Upper
112 100
64 65.0 49.1 73.7
63 32.2 24.5 36.7



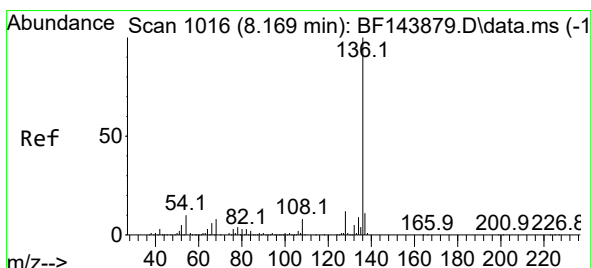
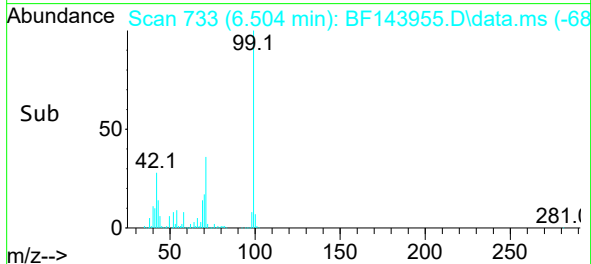
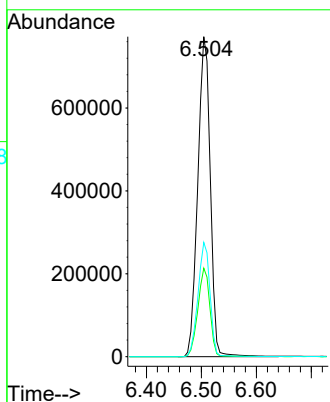
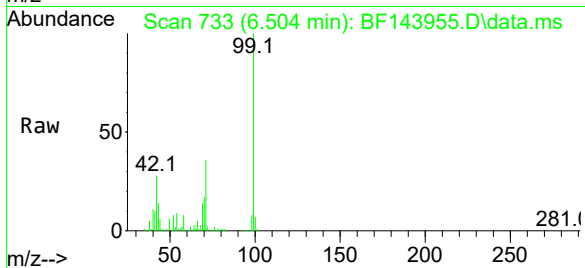


#7
Phenol-d6
Concen: 127.95 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion: 99 Resp: 1223528

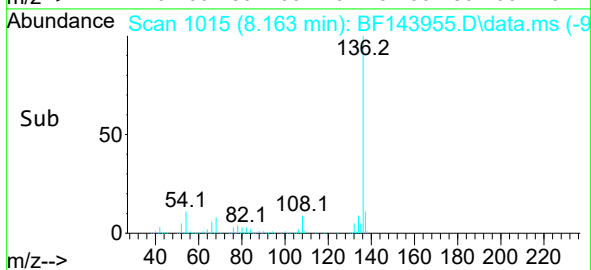
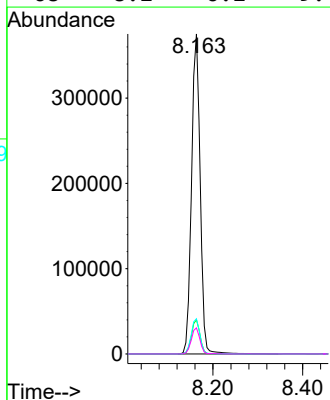
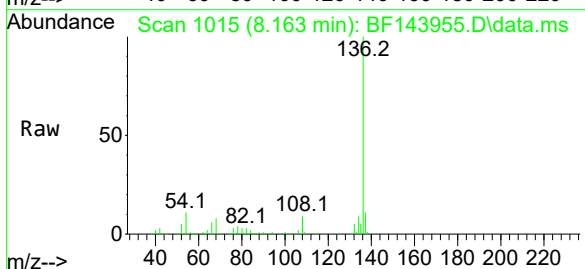
Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.0	31.4
71	35.7	27.8	41.8

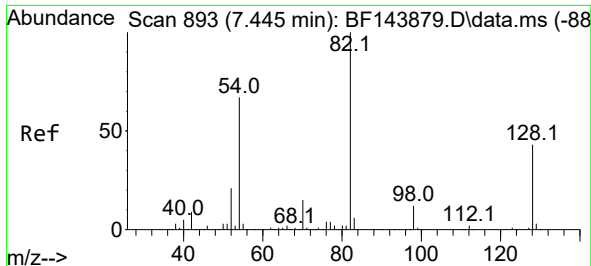


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion: 136 Resp: 500628

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.0	8.2	12.4
68	8.2	6.2	9.4





#23

Nitrobenzene-d5

Concen: 94.43 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143955.D

Acq: 15 Oct 2025 16:29

Instrument :

BNA_F

ClientSampleId :

PB170106BL

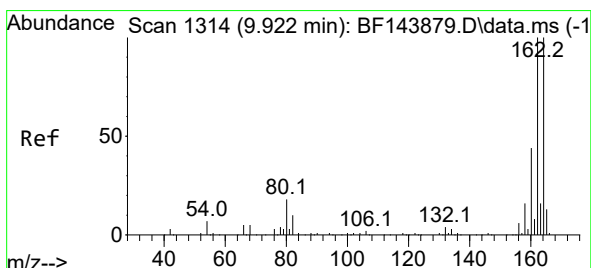
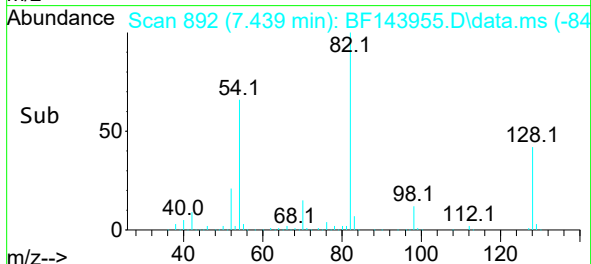
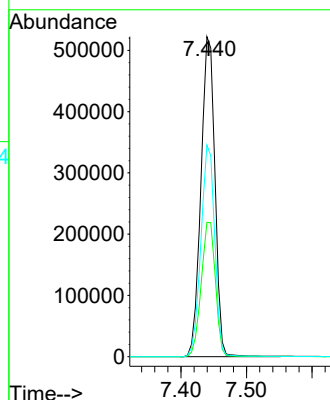
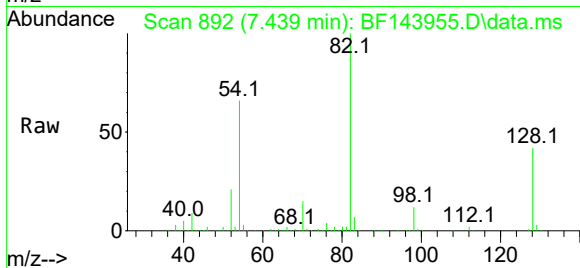
Tgt Ion: 82 Resp: 778121

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: BF143955.D

Acq: 15 Oct 2025 16:29

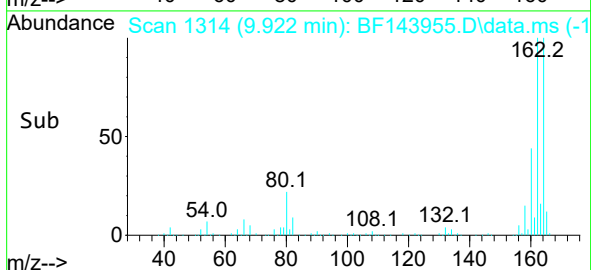
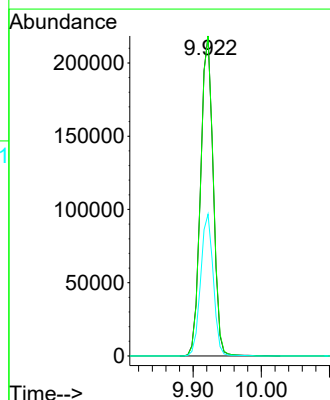
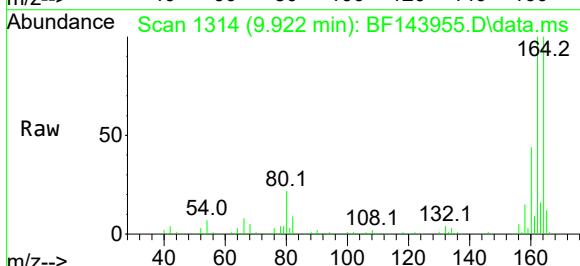
Tgt Ion:164 Resp: 280346

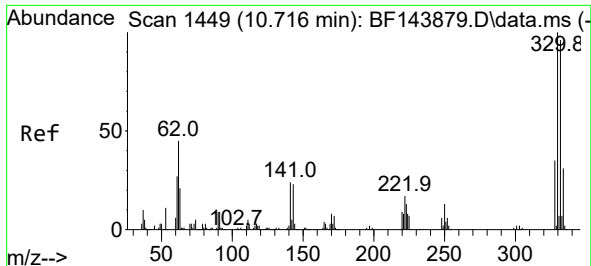
Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

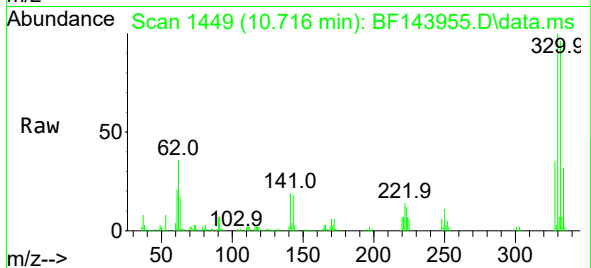
160 44.3 35.4 53.0



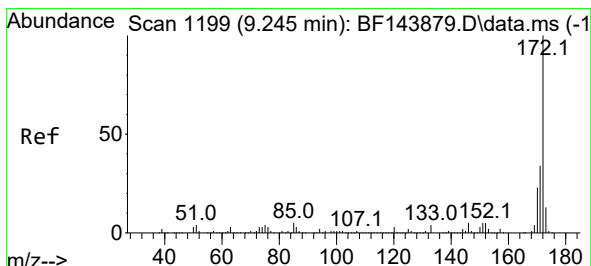
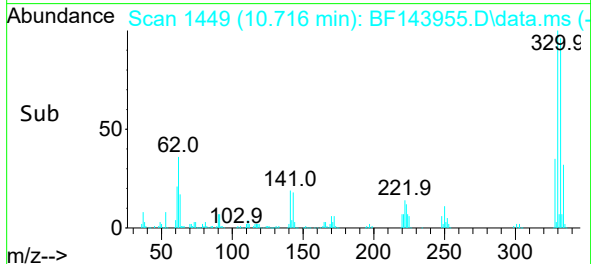
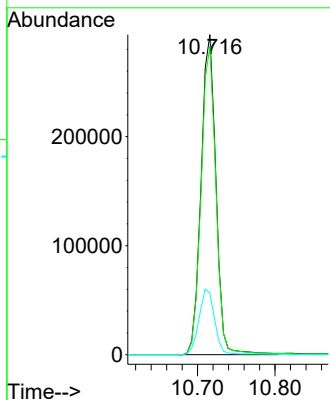


#42
2,4,6-Tribromophenol
Concen: 139.82 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

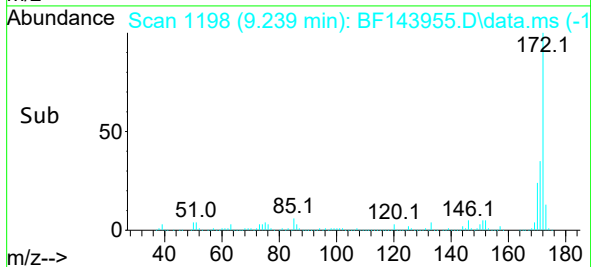
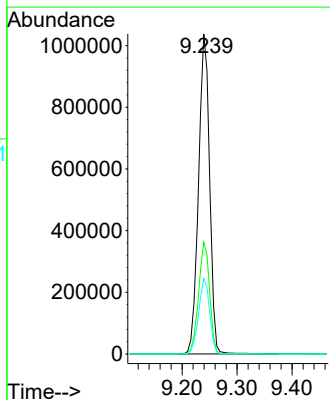
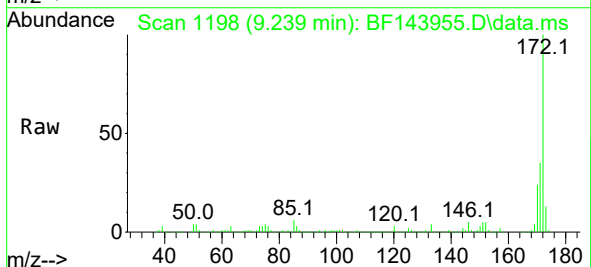


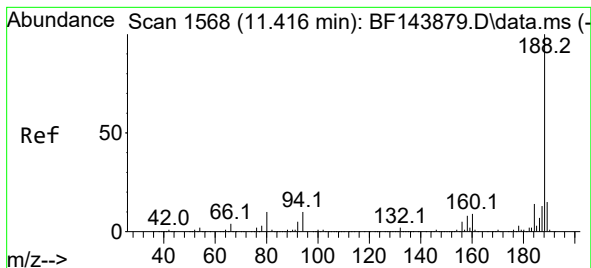
Tgt Ion: 330 Resp: 390407
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 22.0 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 82.24 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion: 172 Resp: 1453089
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143955.D

Acq: 15 Oct 2025 16:29

Instrument :

BNA_F

ClientSampleId :

PB170106BL

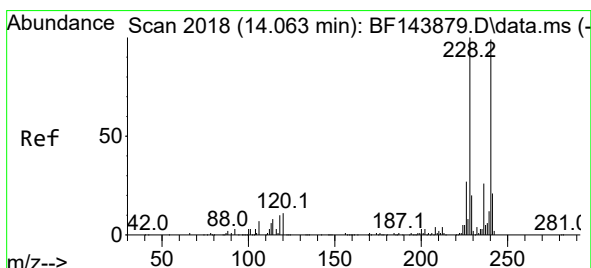
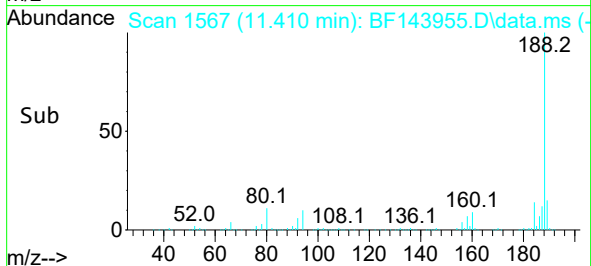
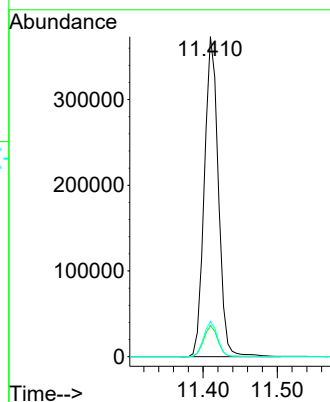
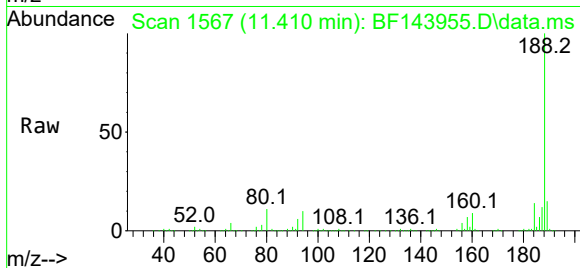
Tgt Ion:188 Resp: 489929

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 11.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF143955.D

Acq: 15 Oct 2025 16:29

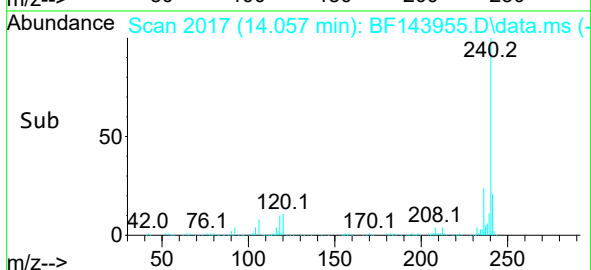
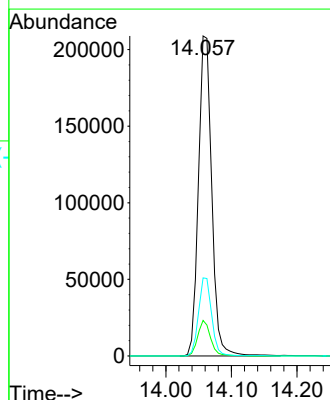
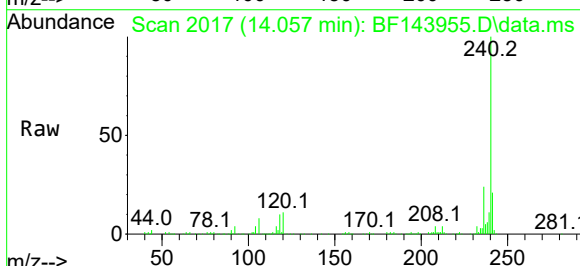
Tgt Ion:240 Resp: 295321

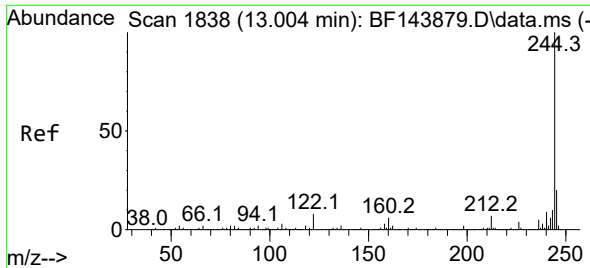
Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 24.4 21.1 31.7

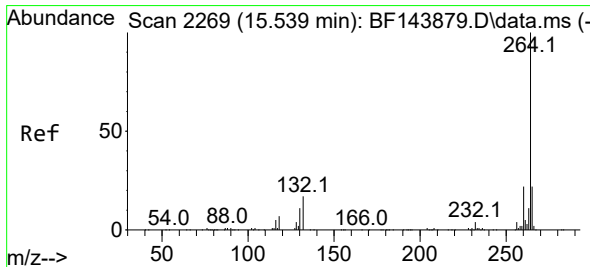
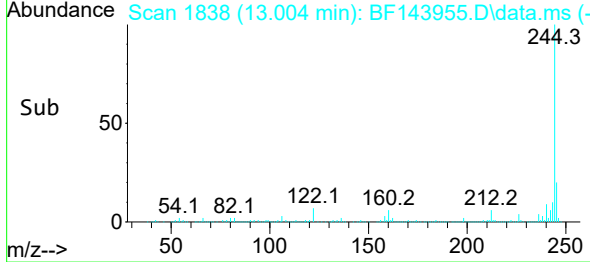
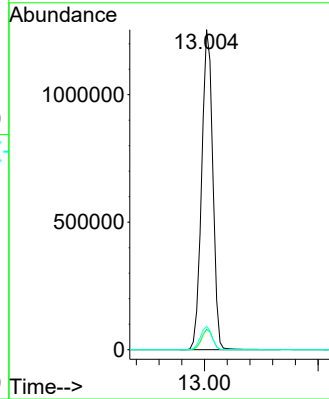
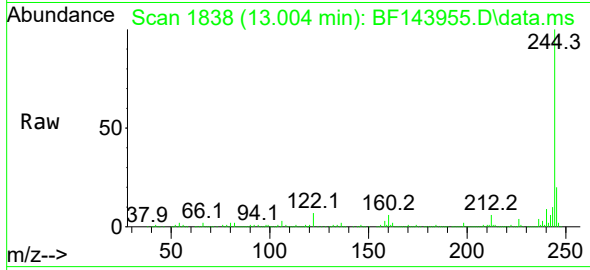




#79
Terphenyl-d14
Concen: 98.52 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143955.D
Acq: 15 Oct 2025 16:29

Instrument :
BNA_F
ClientSampleId :
PB170106BL

Tgt Ion:244 Resp: 1702428
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 7.3 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: BF143955.D
Acq: 15 Oct 2025 16:29

Tgt Ion:264 Resp: 261371
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 21.8 17.5 26.3

