

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143960.D
 Acq On : 15 Oct 2025 18:56
 Operator : RC/JU
 Sample : Q3341-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Oct 16 11:10:41 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	109785	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	433602	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	242042	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	411308	20.00	ng	0.00
76) Chrysene-d12	14.057	240	221618	20.00	ng	-0.01
86) Perylene-d12	15.539	264	220263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	560093	81.01	ng	0.00
7) Phenol-d6	6.499	99	675003	81.91	ng	-0.02
23) Nitrobenzene-d5	7.440	82	398476	55.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	186013	77.16	ng	-0.01
45) 2-Fluorobiphenyl	9.240	172	785838	51.52	ng	-0.01
79) Terphenyl-d14	12.998	244	766189	59.09	ng	-0.01

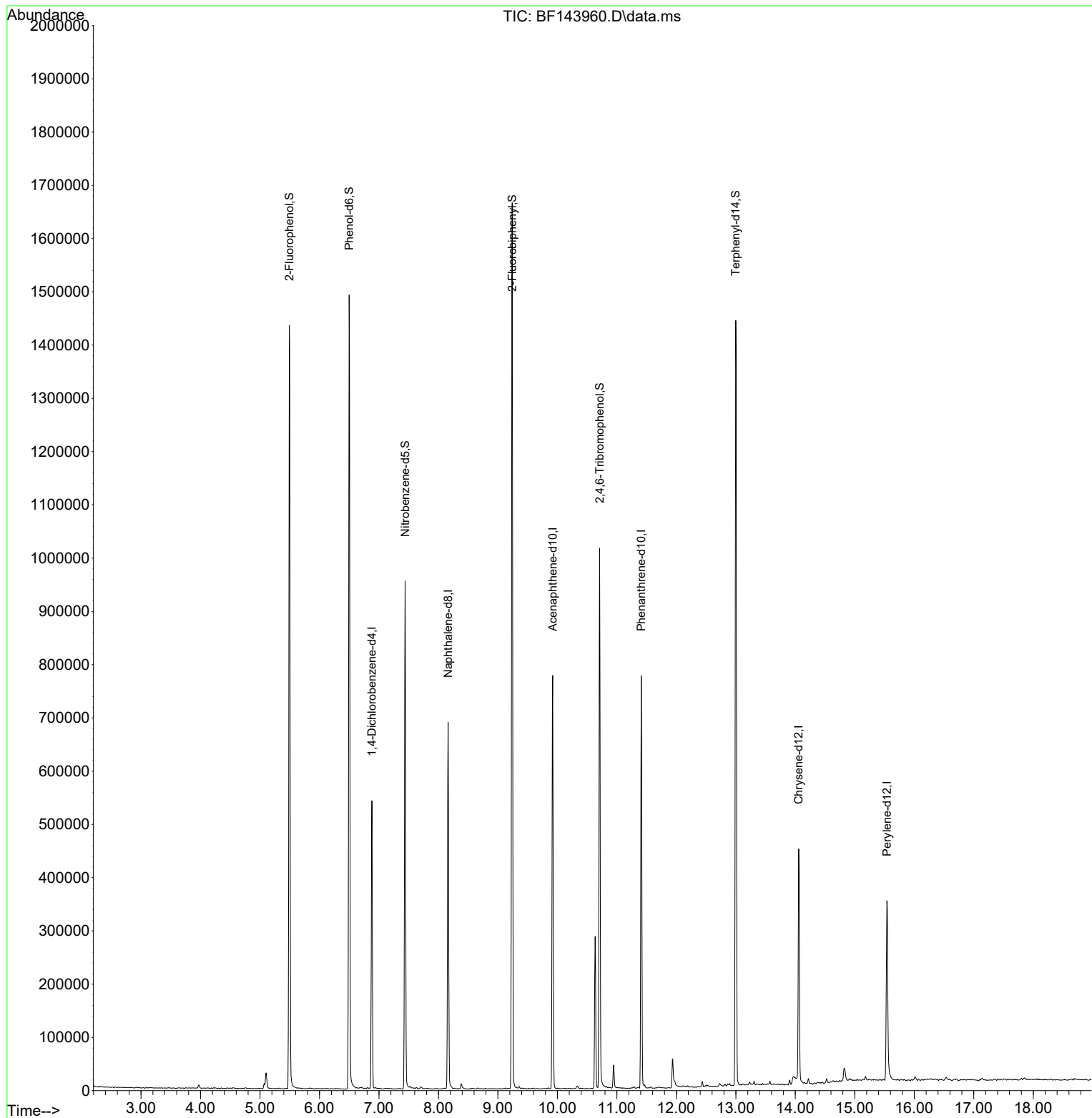
Target Compounds	Qvalue

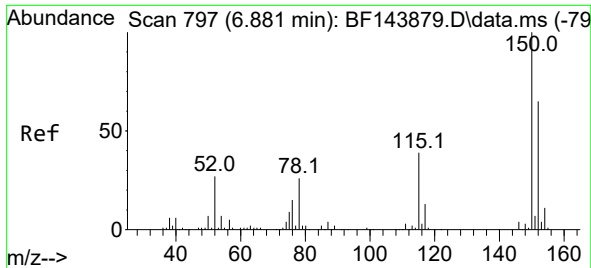
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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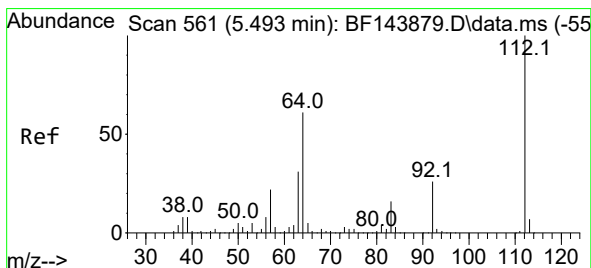
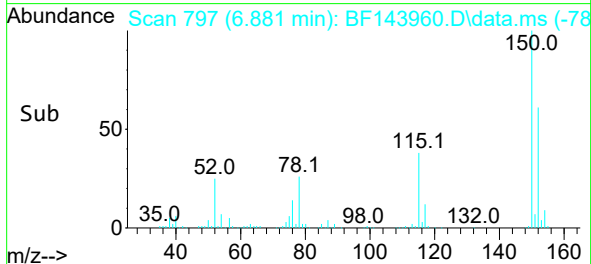
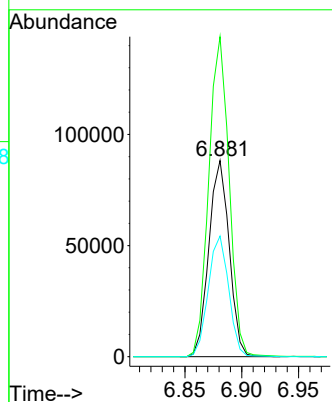
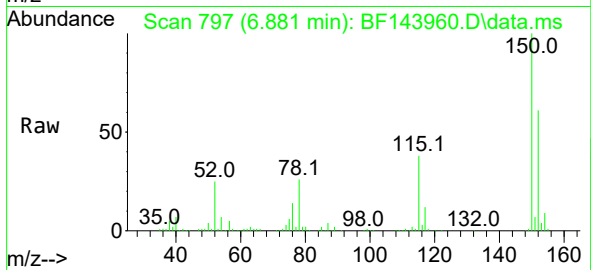




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

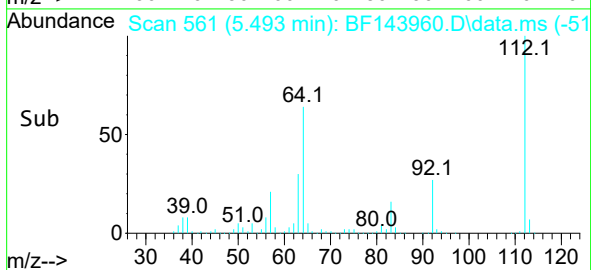
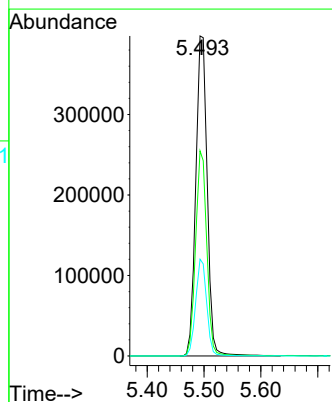
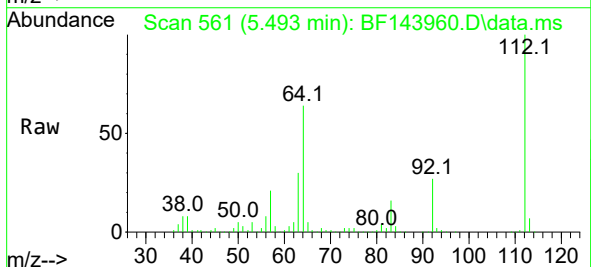
Instrument :
BNA_F
ClientSampleId :
C-3

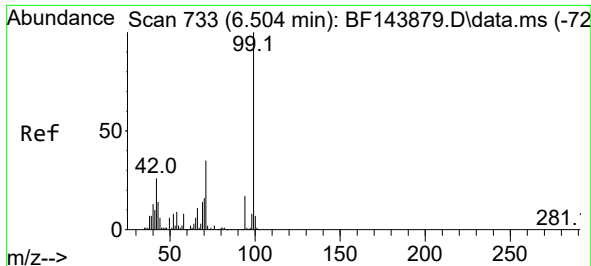
Tgt Ion:152 Resp: 109785
Ion Ratio Lower Upper
152 100
150 163.1 124.4 186.6
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 81.01 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:112 Resp: 560093
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 30.2 24.5 36.7

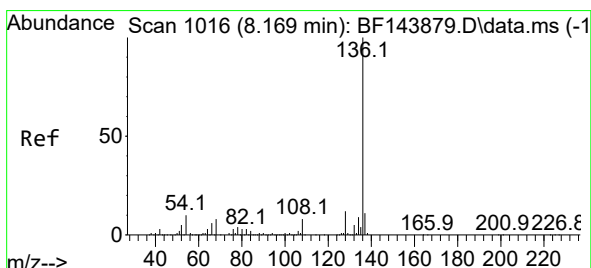
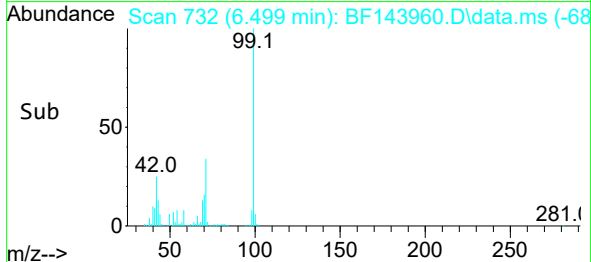
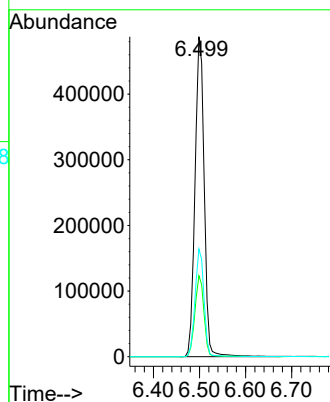
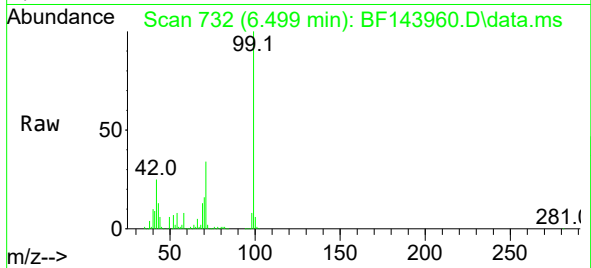




#7
Phenol-d6
Concen: 81.91 ng
RT: 6.499 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

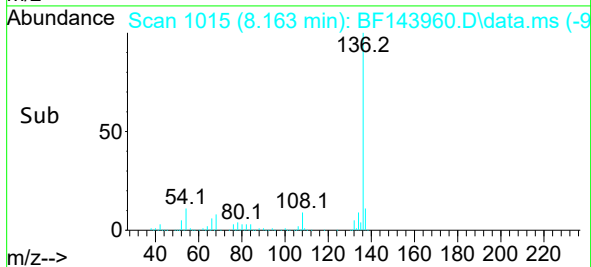
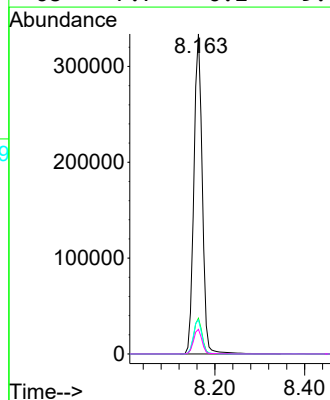
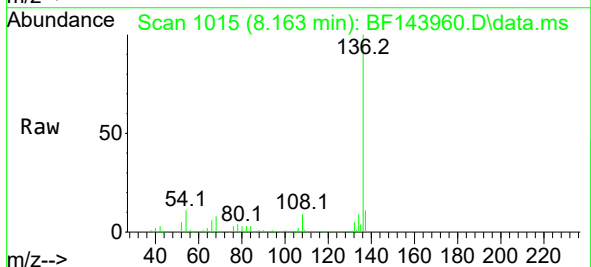
Instrument :
BNA_F
ClientSampleId :
C-3

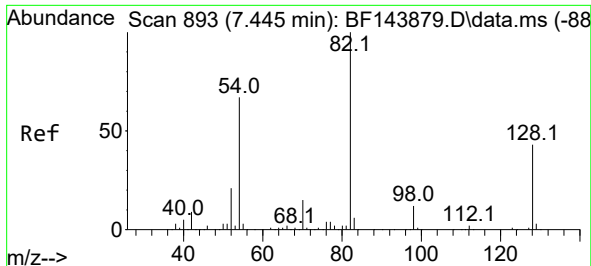
Tgt Ion: 99 Resp: 675003
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 33.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion: 136 Resp: 433602
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.6 8.2 12.4
68 7.7 6.2 9.4





#23

Nitrobenzene-d5

Concen: 55.83 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF143960.D

Acq: 15 Oct 2025 18:56

Instrument :

BNA_F

ClientSampleId :

C-3

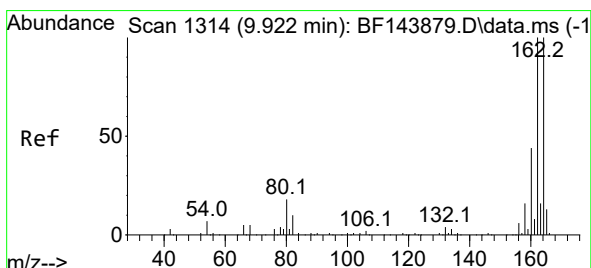
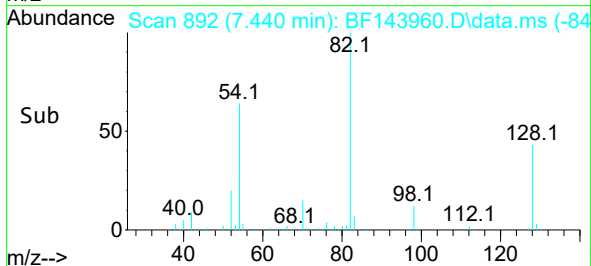
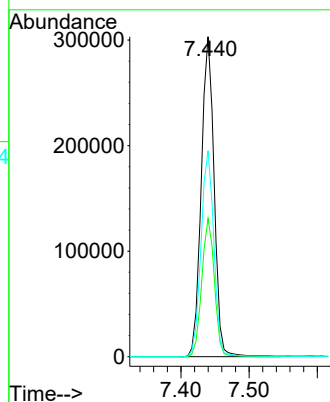
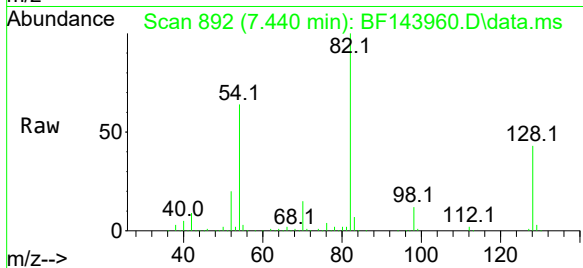
Tgt Ion: 82 Resp: 398476

Ion Ratio Lower Upper

82 100

128 43.2 34.0 51.0

54 64.3 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: BF143960.D

Acq: 15 Oct 2025 18:56

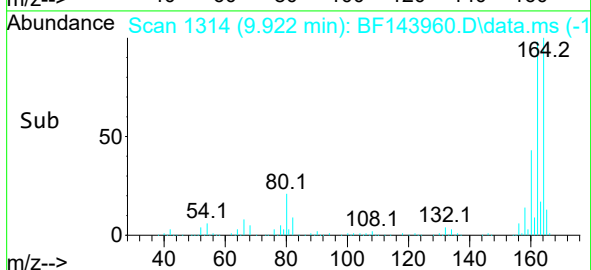
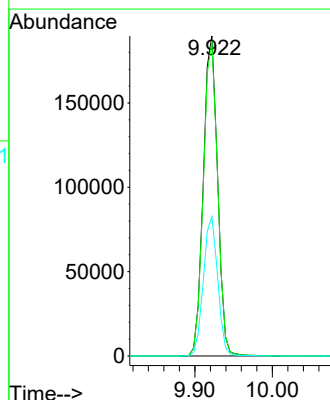
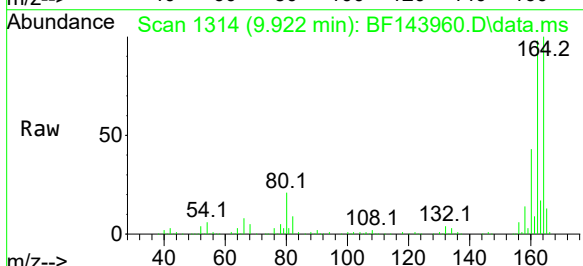
Tgt Ion:164 Resp: 242042

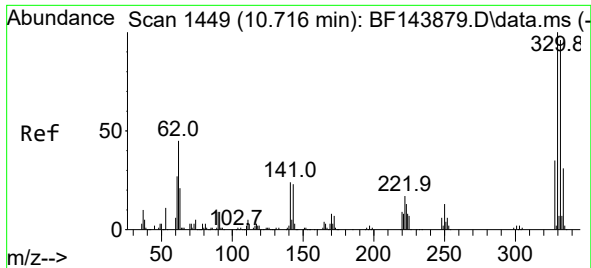
Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

160 43.5 35.4 53.0

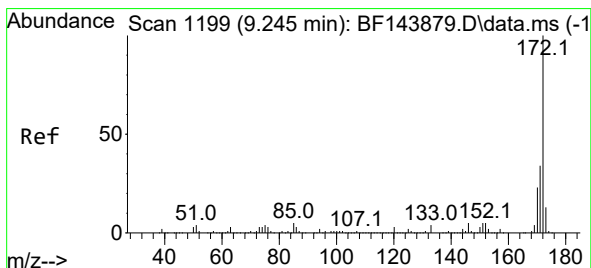
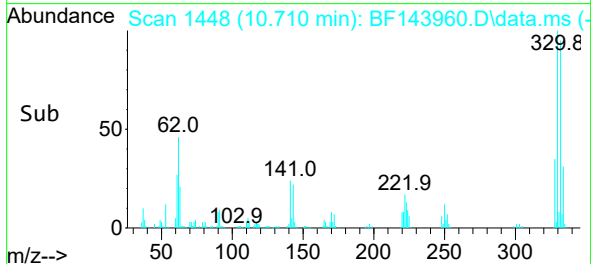
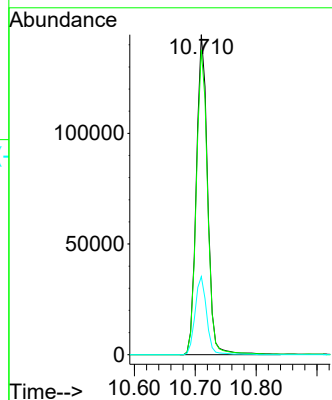
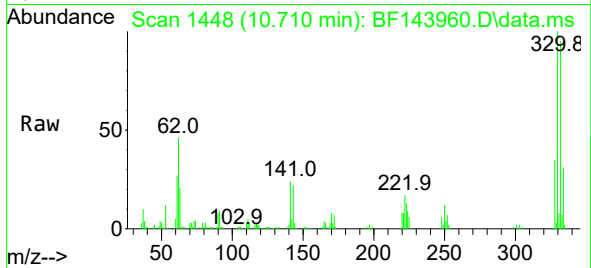




#42
2,4,6-Tribromophenol
Concen: 77.16 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

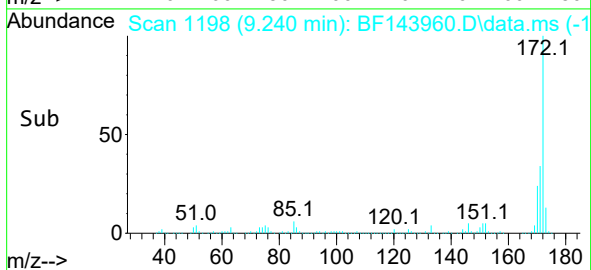
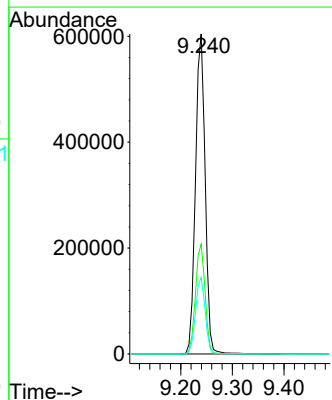
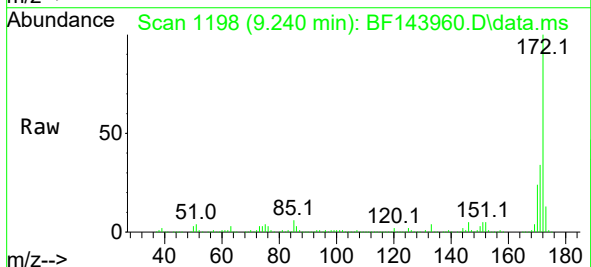
Instrument :
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C-3

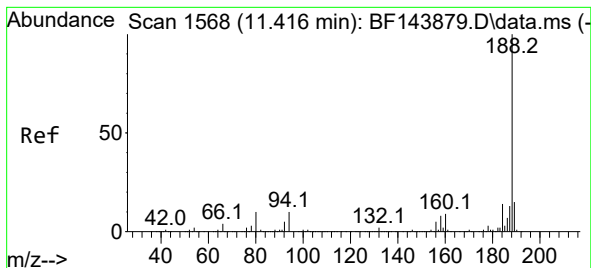
Tgt Ion: 330 Resp: 186013
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 25.0 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 51.52 ng
RT: 9.240 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion: 172 Resp: 785838
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.9 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: BF143960.D

Acq: 15 Oct 2025 18:56

Instrument :

BNA_F

ClientSampleId :

C-3

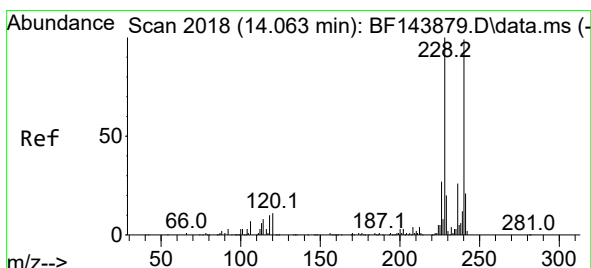
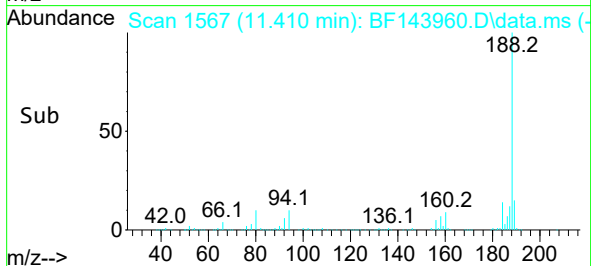
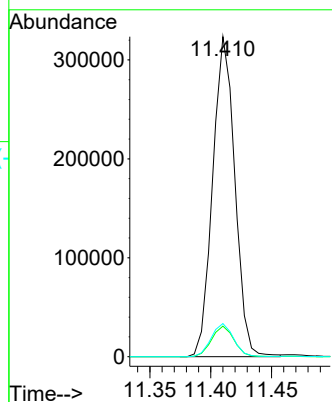
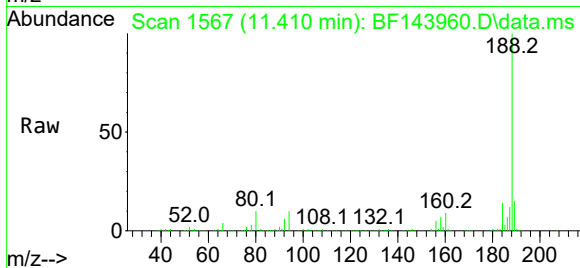
Tgt Ion:188 Resp: 411308

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.3 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: BF143960.D

Acq: 15 Oct 2025 18:56

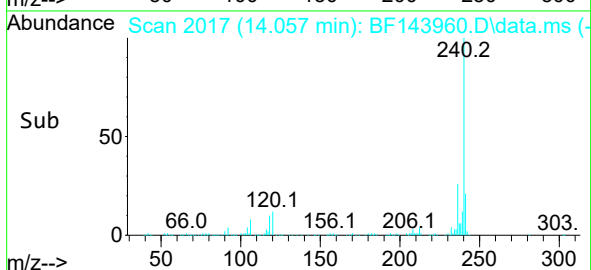
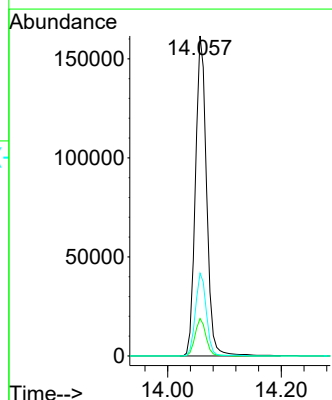
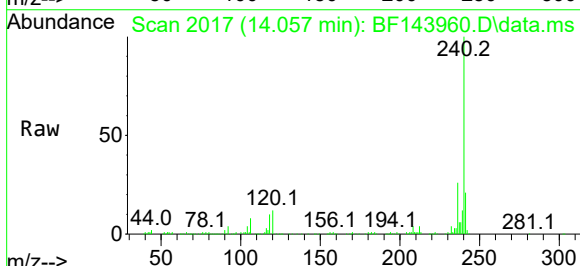
Tgt Ion:240 Resp: 221618

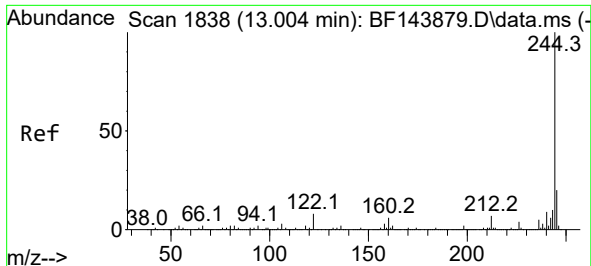
Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

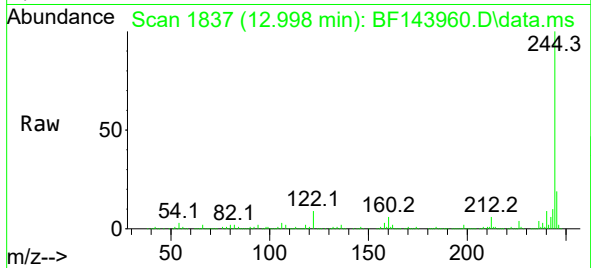
236 25.9 21.1 31.7



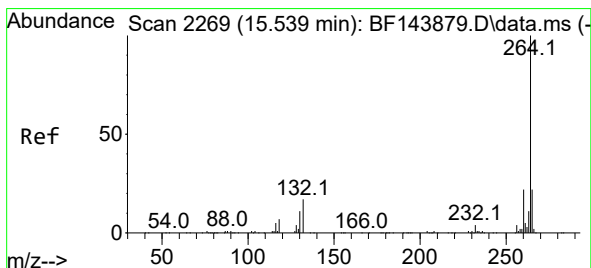
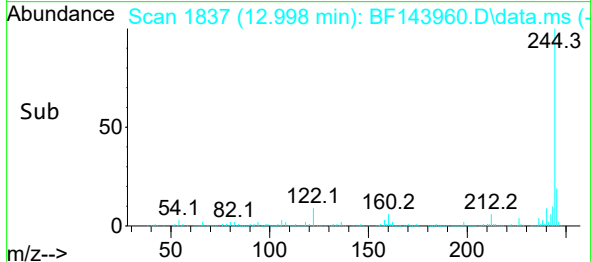
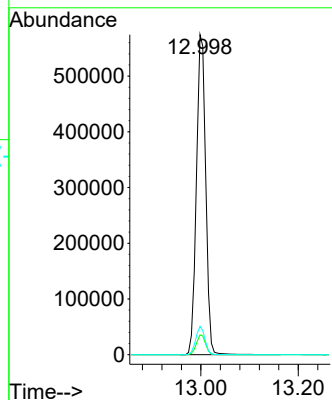


#79
Terphenyl-d14
Concen: 59.09 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 766189
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 8.8 6.4 9.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143960.D
Acq: 15 Oct 2025 18:56

Tgt Ion:264 Resp: 220263
Ion Ratio Lower Upper
264 100
260 21.2 17.8 26.8
265 21.1 17.5 26.3

