

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144235.D
 Acq On : 12 Nov 2025 18:20
 Operator : RC/JU
 Sample : PB170515BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170515BL

Quant Time: Nov 13 10:41:21 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	46055	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	180129	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	102582	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	172359	20.000	ng	0.00
76) Chrysene-d12	14.045	240	92202	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	107660	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	334802	113.760	ng	0.00
7) Phenol-d6	6.498	99	387037	116.063	ng	0.00
23) Nitrobenzene-d5	7.428	82	253617	81.318	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139591	108.438	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	507747	73.103	ng	0.00
79) Terphenyl-d14	12.986	244	515330	88.778	ng	0.00

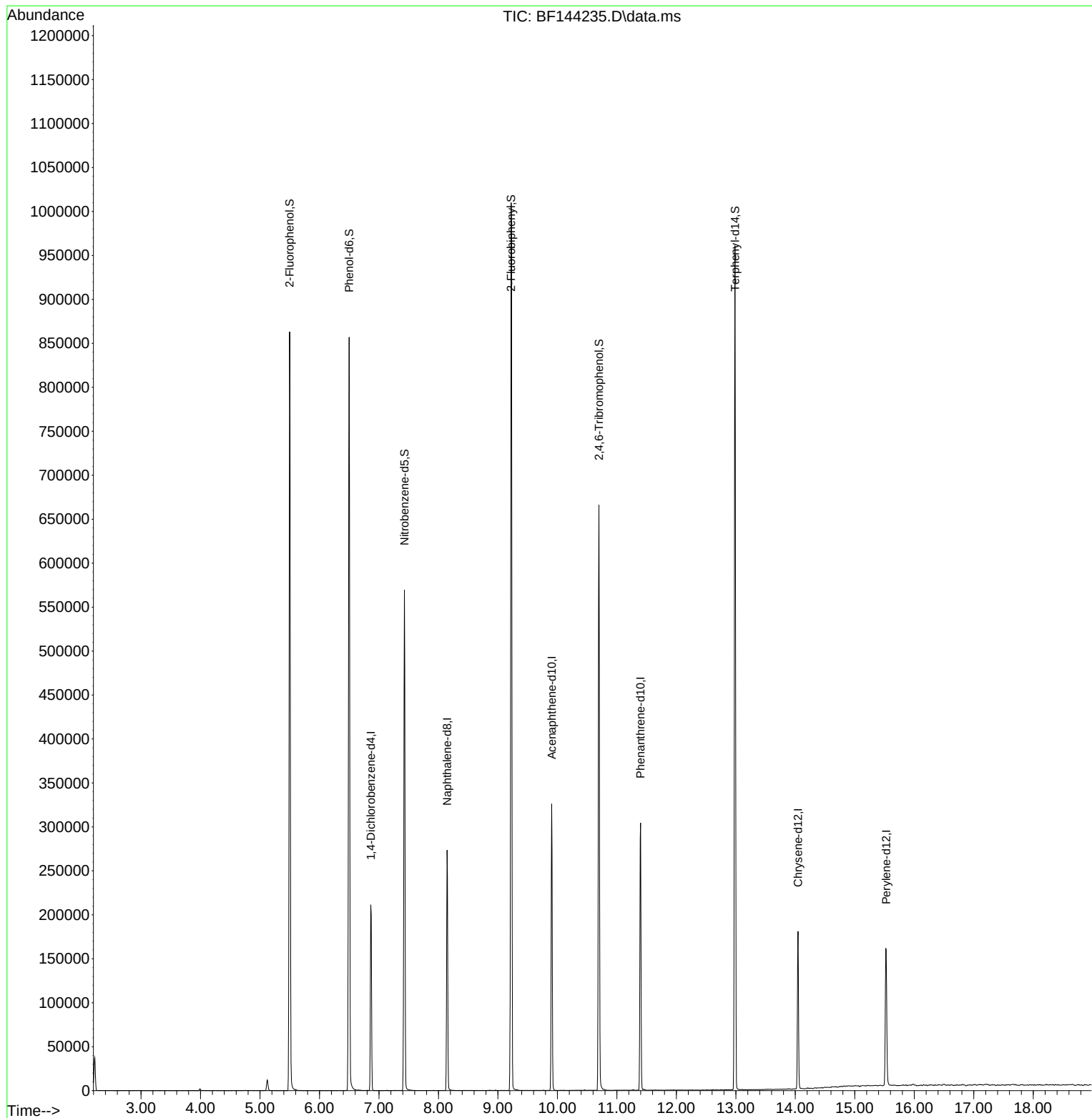
Target Compounds	Qvalue

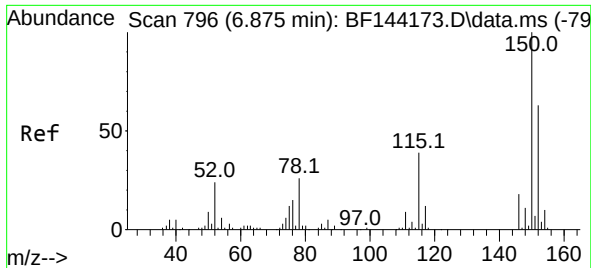
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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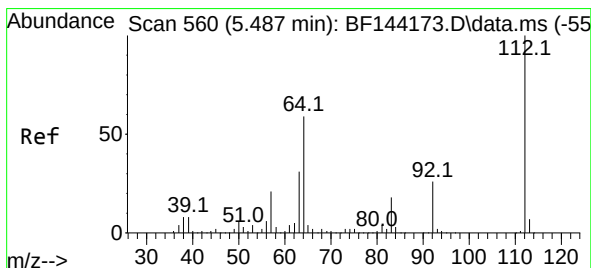
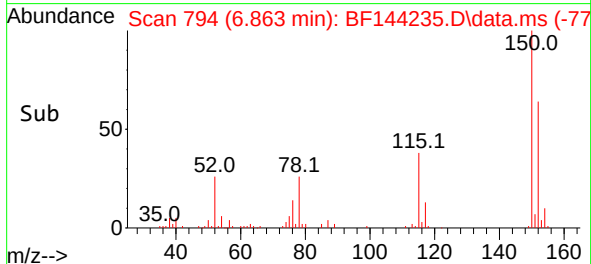
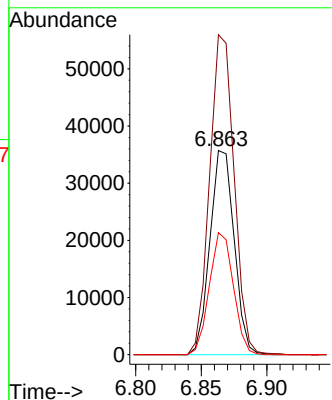
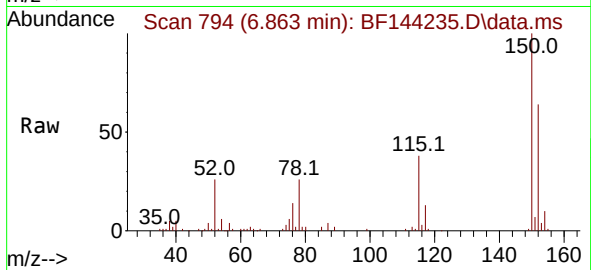




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144235.D
 Acq: 12 Nov 2025 18:20

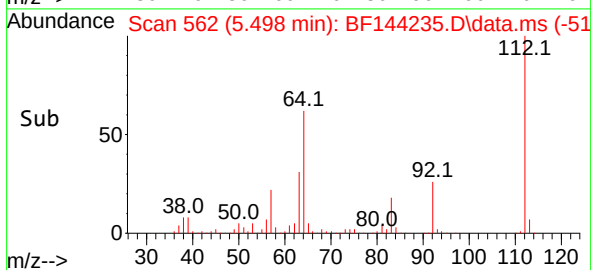
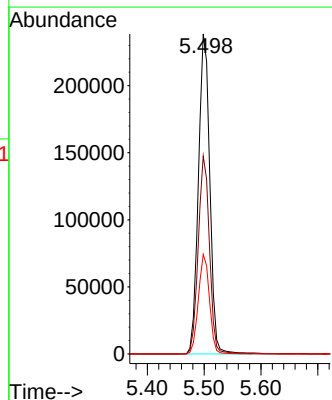
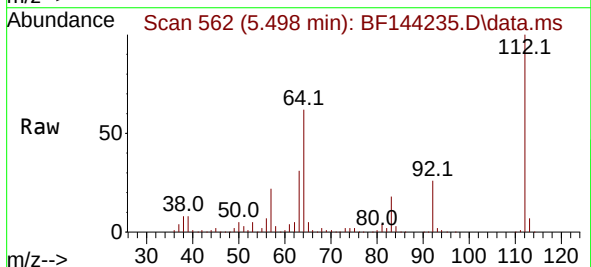
Instrument :
 BNA_F
 ClientSampleId :
 PB170515BL

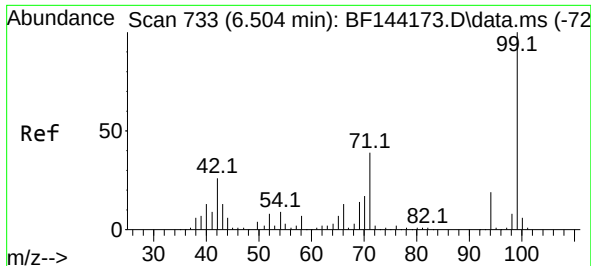
Tgt Ion:152 Resp: 46055
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.4 191.0
 115 59.8 49.5 74.3



#5
 2-Fluorophenol
 Concen: 113.760 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144235.D
 Acq: 12 Nov 2025 18:20

Tgt Ion:112 Resp: 334802
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.2 70.8
 63 31.1 24.4 36.6

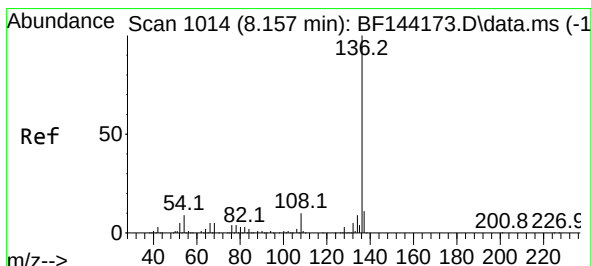
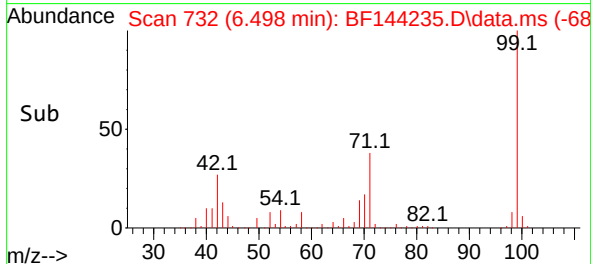
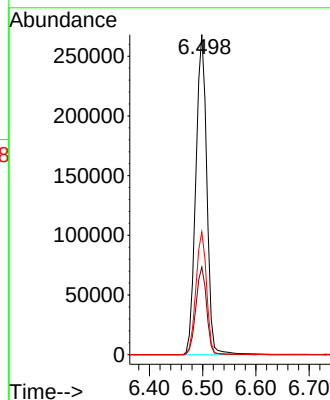
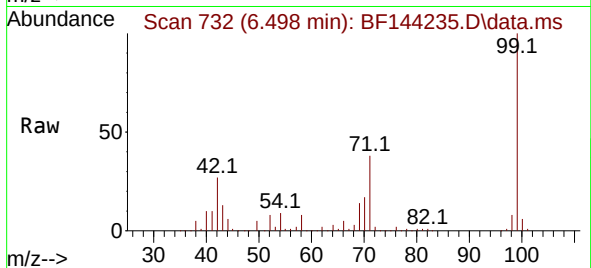




#7
Phenol-d6
Concen: 116.063 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144235.D
Acq: 12 Nov 2025 18:20

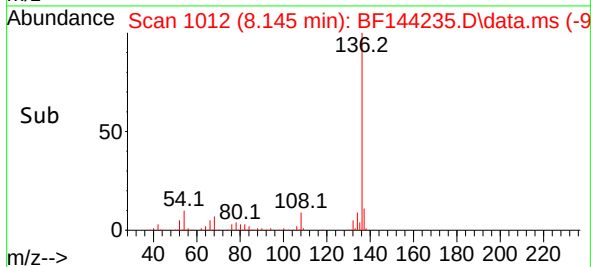
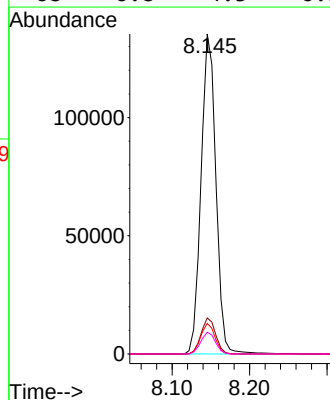
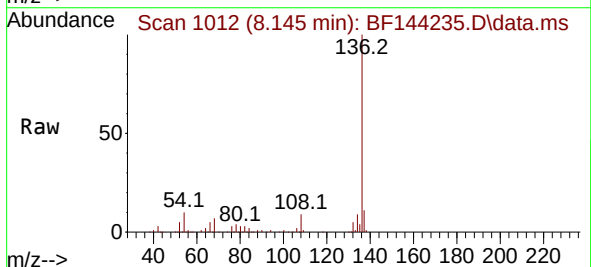
Instrument :
BNA_F
ClientSampleId :
PB170515BL

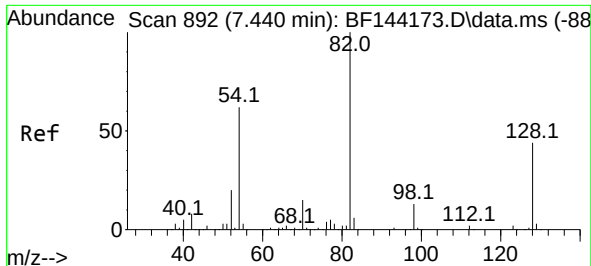
Tgt Ion: 99 Resp: 387037
Ion Ratio Lower Upper
99 100
42 27.4 20.9 31.3
71 38.4 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144235.D
Acq: 12 Nov 2025 18:20

Tgt Ion: 136 Resp: 180129
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.5 7.0 10.6
68 6.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 81.318 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144235.D

Acq: 12 Nov 2025 18:20

Instrument :

BNA_F

ClientSampleId :

PB170515BL

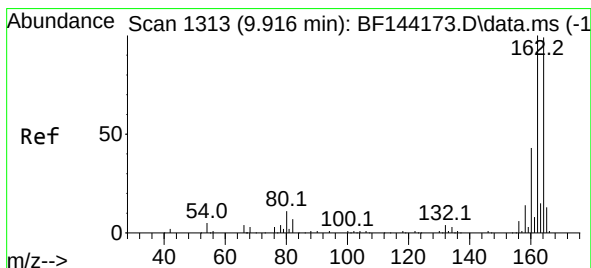
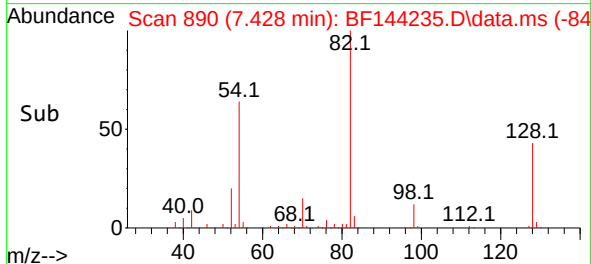
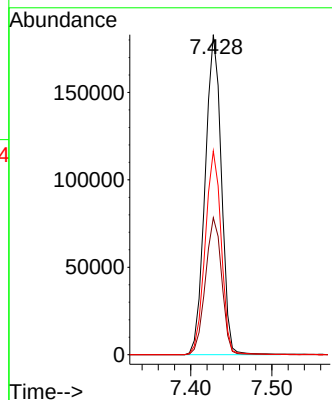
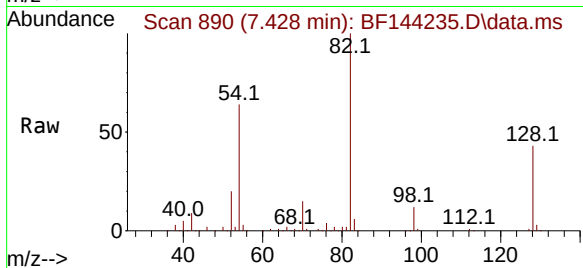
Tgt Ion: 82 Resp: 253617

Ion Ratio Lower Upper

82 100

128 42.8 34.7 52.1

54 63.6 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144235.D

Acq: 12 Nov 2025 18:20

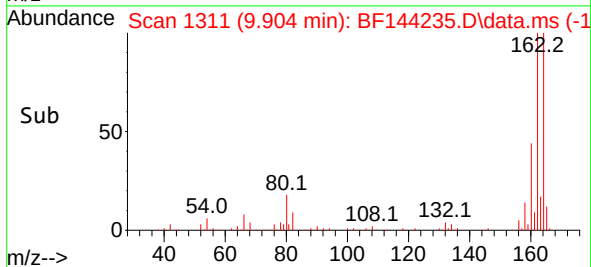
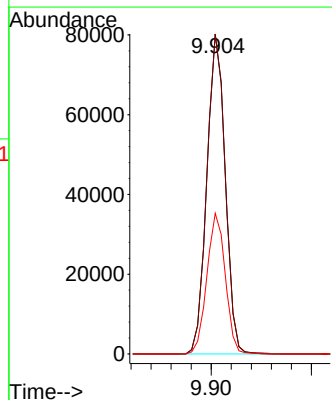
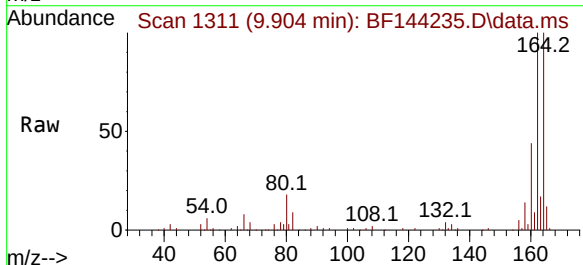
Tgt Ion:164 Resp: 102582

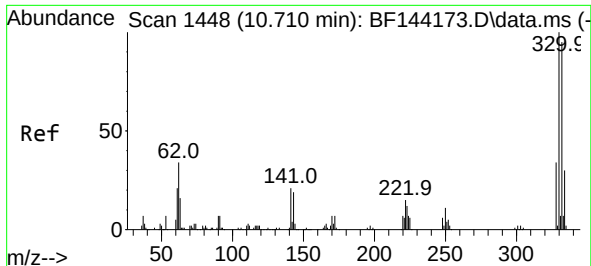
Ion Ratio Lower Upper

164 100

162 100.1 81.1 121.7

160 44.0 34.5 51.7

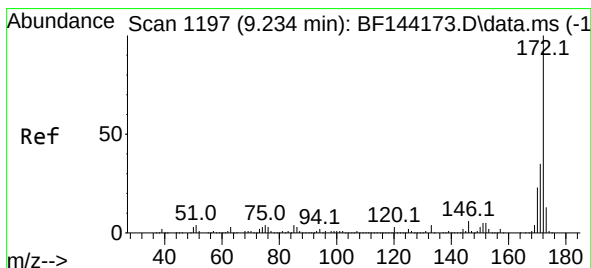
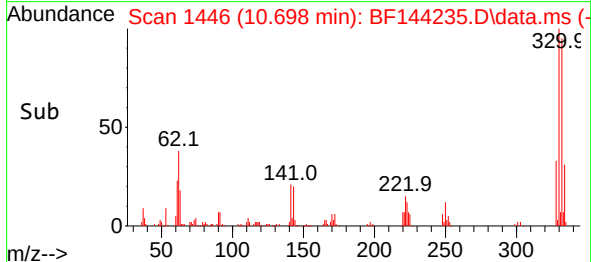
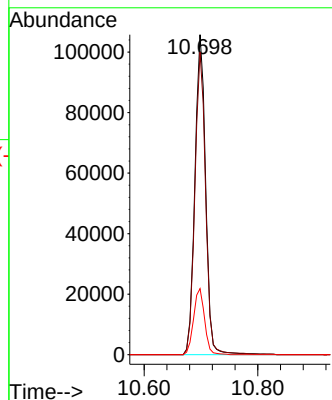
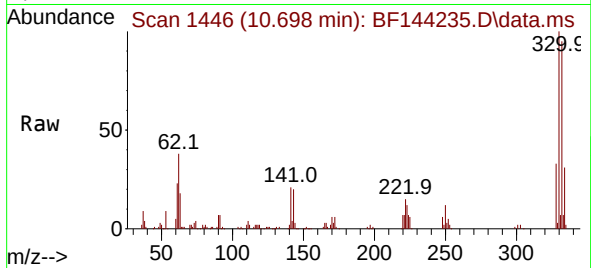




#42
2,4,6-Tribromophenol
Concen: 108.438 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144235.D
Acq: 12 Nov 2025 18:20

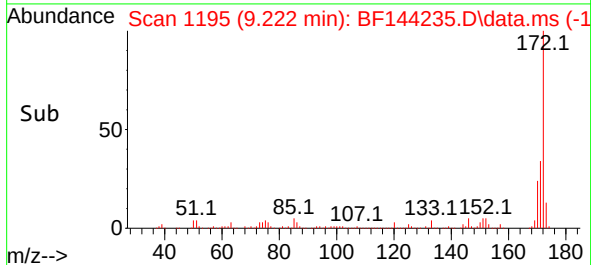
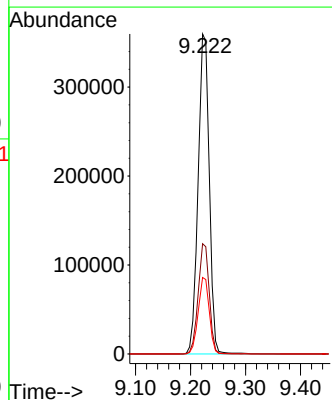
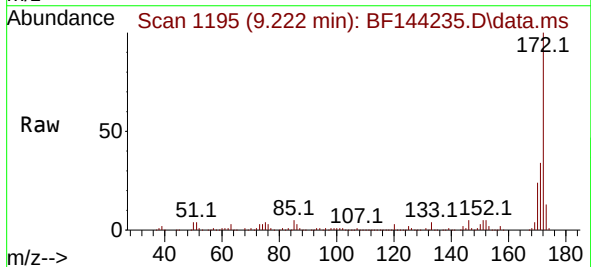
Instrument :
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PB170515BL

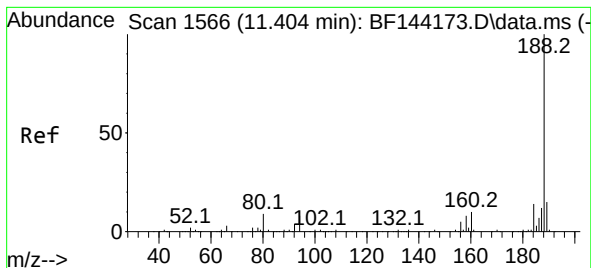
Tgt Ion:330 Resp: 139591
Ion Ratio Lower Upper
330 100
332 94.4 76.7 115.1
141 21.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 73.103 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144235.D
Acq: 12 Nov 2025 18:20

Tgt Ion:172 Resp: 507747
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144235.D

Acq: 12 Nov 2025 18:20

Instrument :

BNA_F

ClientSampleId :

PB170515BL

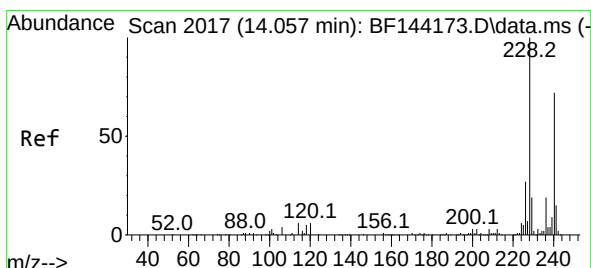
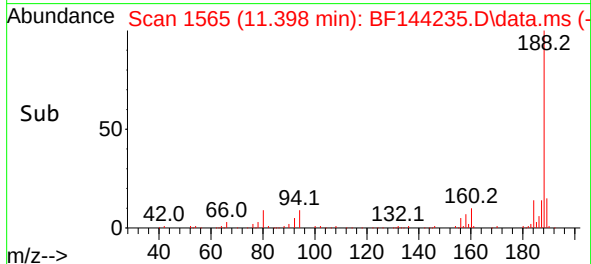
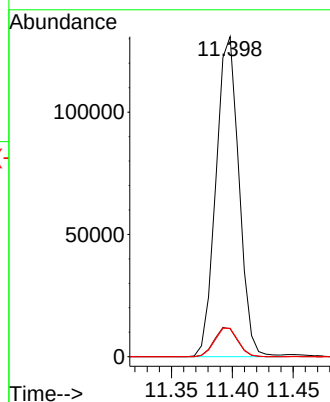
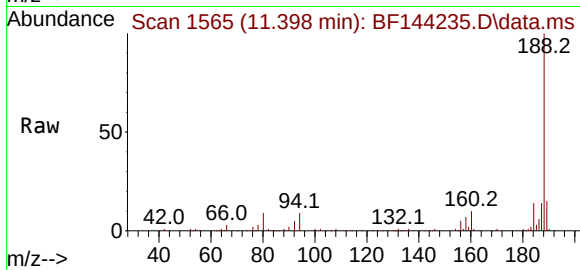
Tgt Ion:188 Resp: 172359

Ion Ratio Lower Upper

188 100

94 8.8 6.2 9.2

80 8.9 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: BF144235.D

Acq: 12 Nov 2025 18:20

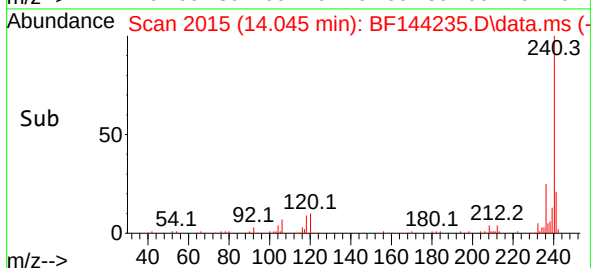
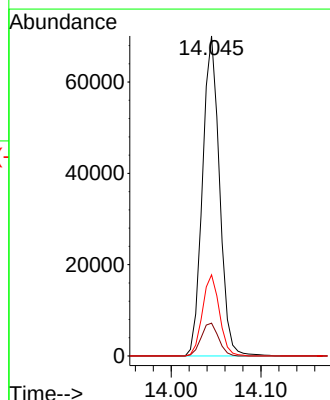
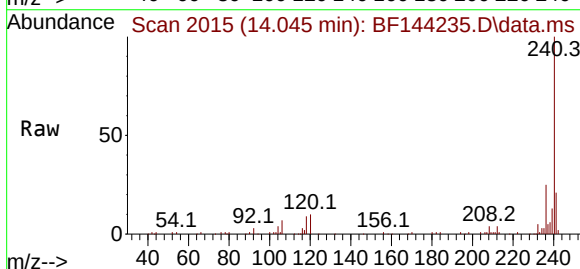
Tgt Ion:240 Resp: 92202

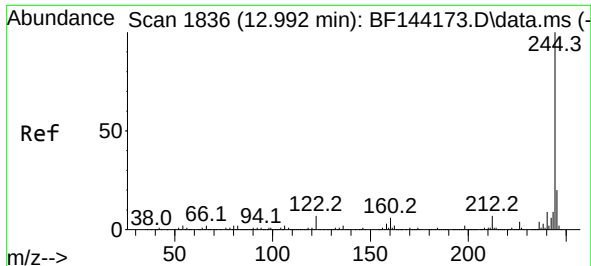
Ion Ratio Lower Upper

240 100

120 10.3 6.6 10.0#

236 25.4 21.4 32.2

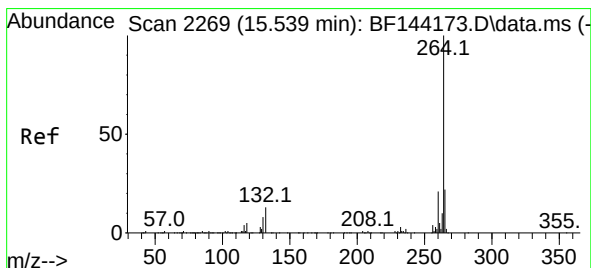
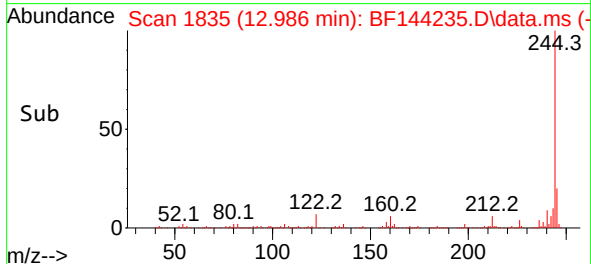
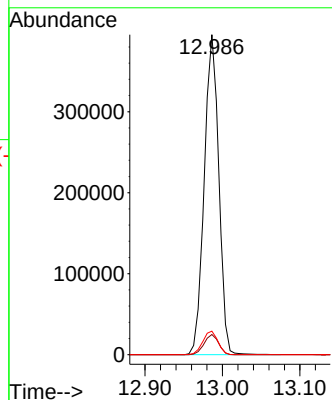
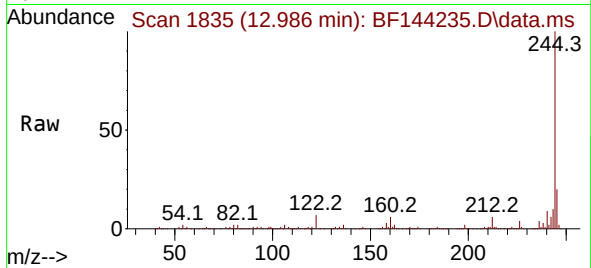




#79
 Terphenyl-d14
 Concen: 88.778 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144235.D
 Acq: 12 Nov 2025 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB170515BL

Tgt Ion:244 Resp: 515330
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.3 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: BF144235.D
 Acq: 12 Nov 2025 18:20

Tgt Ion:264 Resp: 107660
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.1 25.7
 265 20.9 17.4 26.0

