

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144238.D
 Acq On : 12 Nov 2025 19:50
 Operator : RC/JU
 Sample : Q3604-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Nov 13 10:42:30 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	6.869	152	38704	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	149327	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	83545	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	140163	20.000	ng	0.00
76) Chrysene-d12	14.045	240	78393	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	90826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	280445	113.389	ng	0.00
7) Phenol-d6	6.498	99	308106	109.942	ng	0.00
23) Nitrobenzene-d5	7.428	82	224372	86.780	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125388	119.600	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	454119	80.281	ng	0.00
79) Terphenyl-d14	12.986	244	418346	84.766	ng	0.00

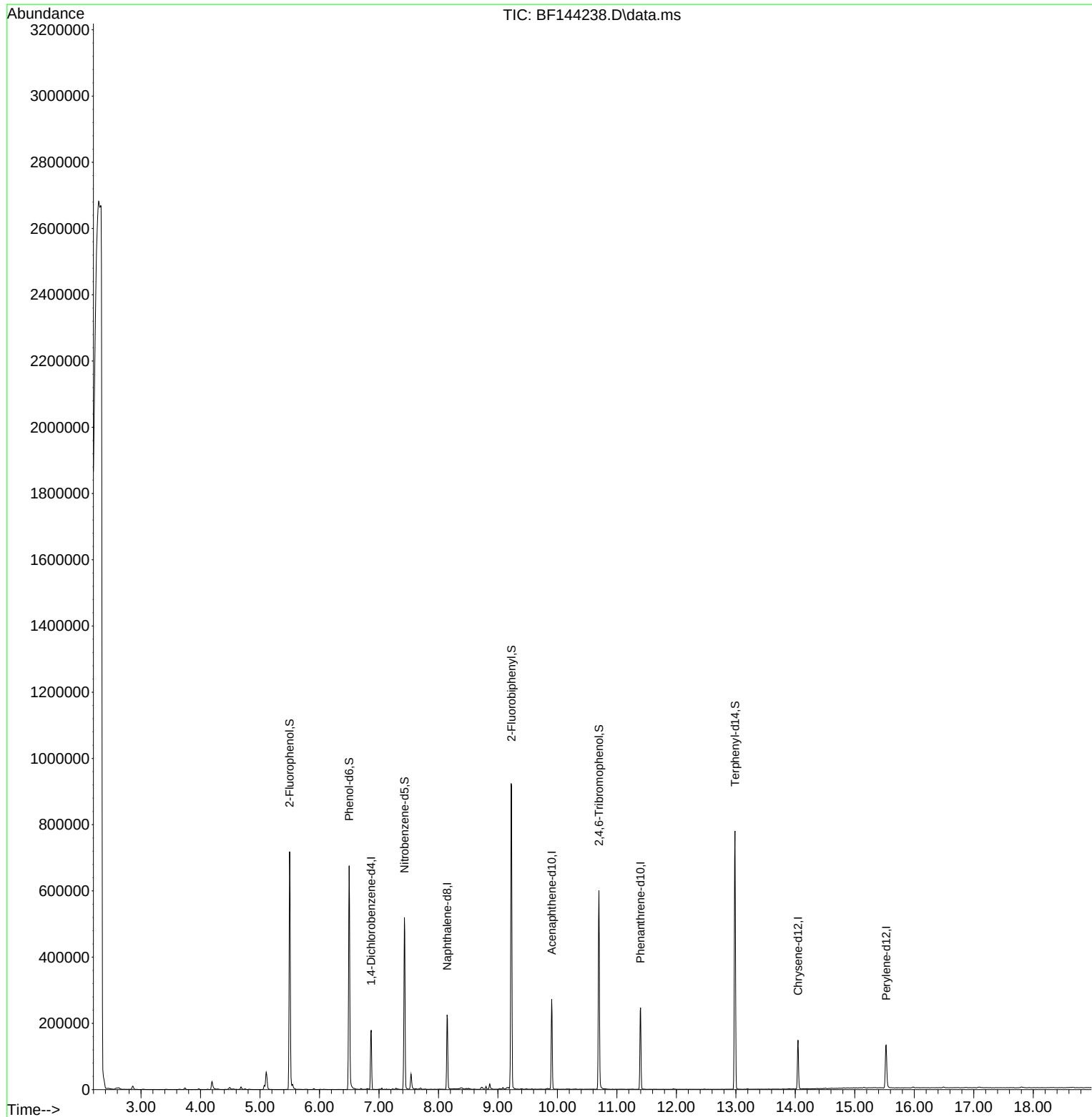
Target Compounds	Qvalue

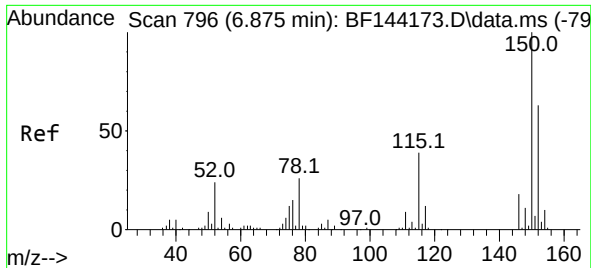
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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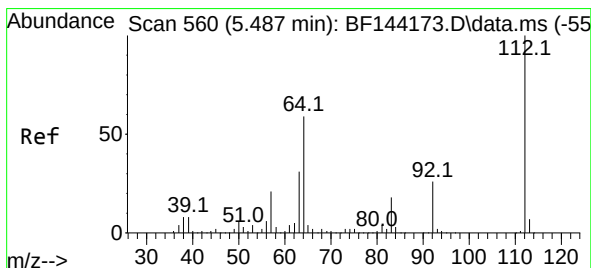
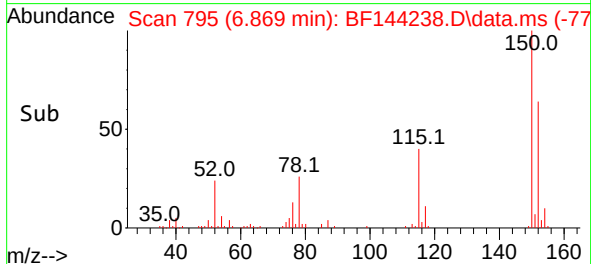
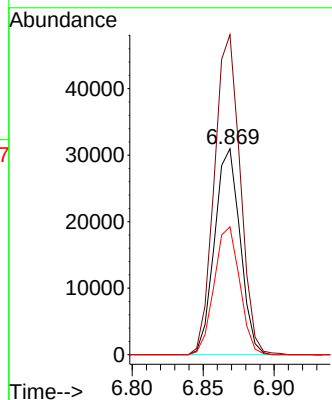
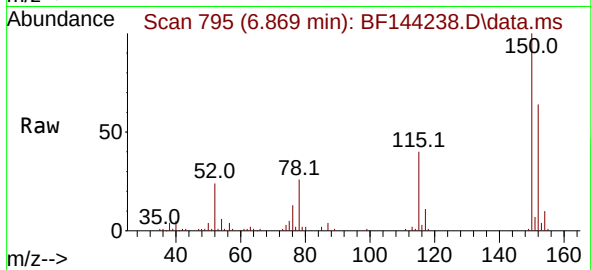




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF144238.D
 Acq: 12 Nov 2025 19:50

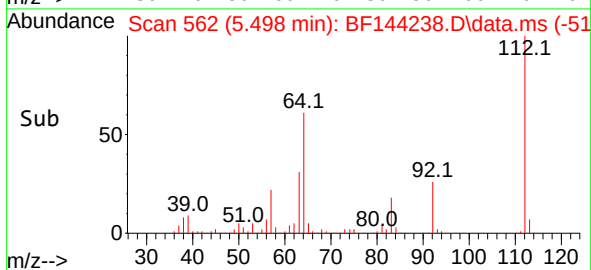
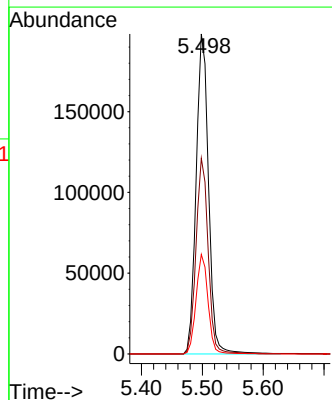
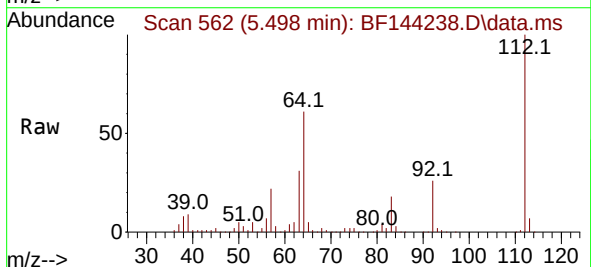
Instrument :
 BNA_F
 ClientSampleId :
 S-1

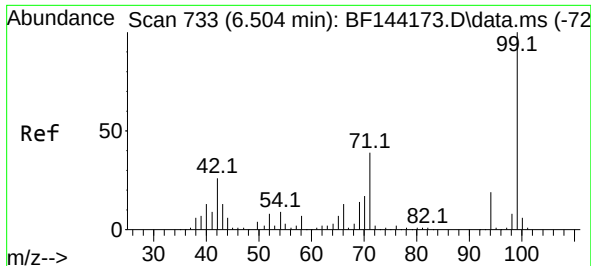
Tgt Ion:152 Resp: 38704
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.4 191.0
 115 62.1 49.5 74.3



#5
 2-Fluorophenol
 Concen: 113.389 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144238.D
 Acq: 12 Nov 2025 19:50

Tgt Ion:112 Resp: 280445
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.2 70.8
 63 31.1 24.4 36.6

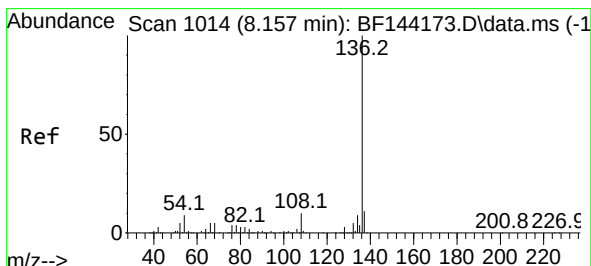
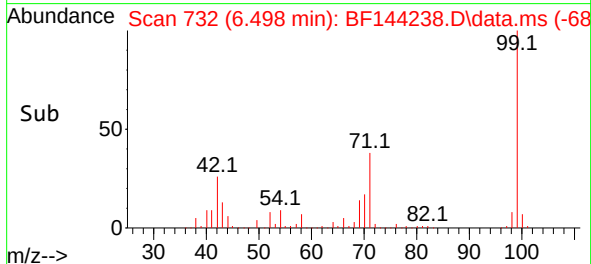
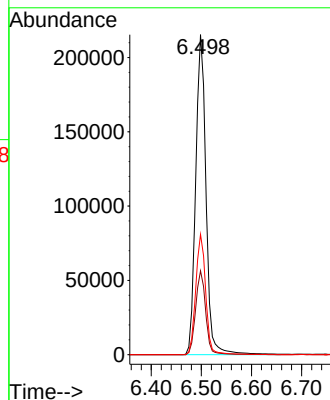
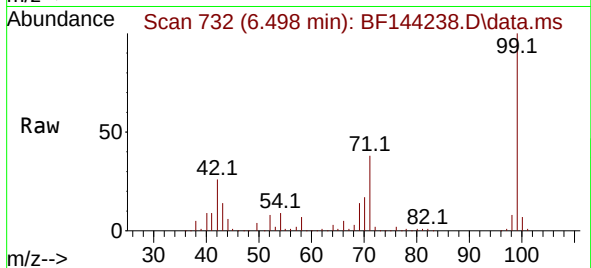




#7
Phenol-d6
Concen: 109.942 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

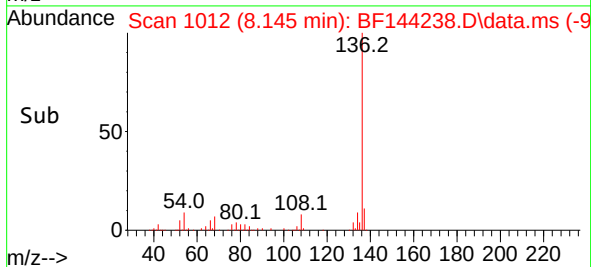
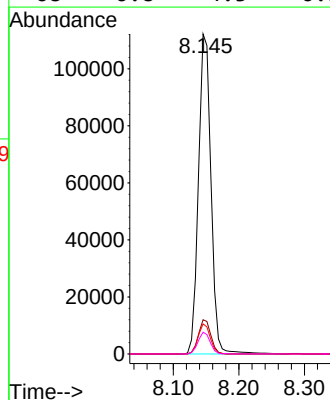
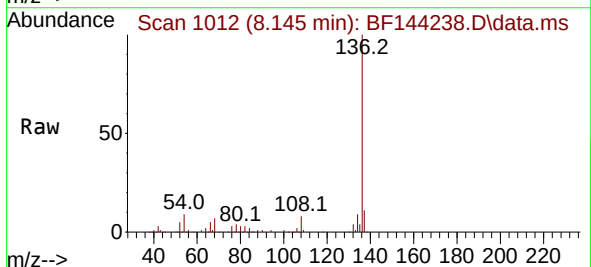
Instrument :
BNA_F
ClientSampleId :
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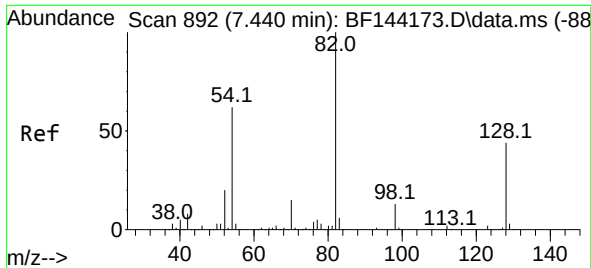
Tgt Ion: 99 Resp: 308106
Ion Ratio Lower Upper
99 100
42 26.2 20.9 31.3
71 37.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

Tgt Ion: 136 Resp: 149327
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 7.0 10.6
68 6.8 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 86.780 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144238.D

Acq: 12 Nov 2025 19:50

Instrument :

BNA_F

ClientSampleId :

S-1

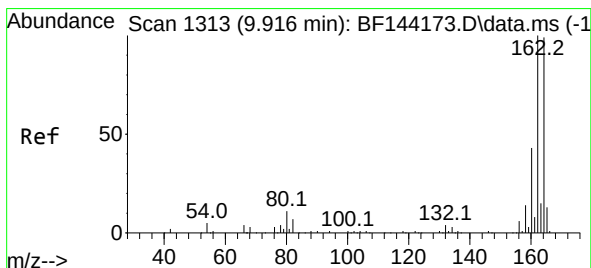
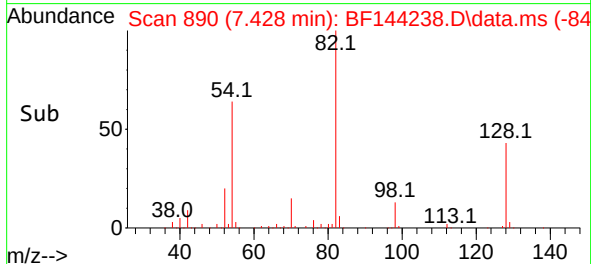
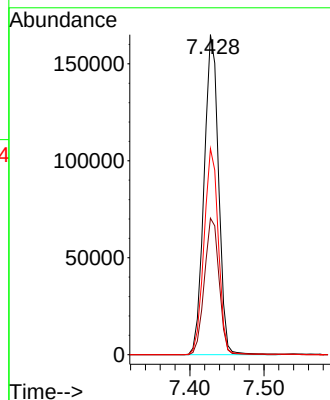
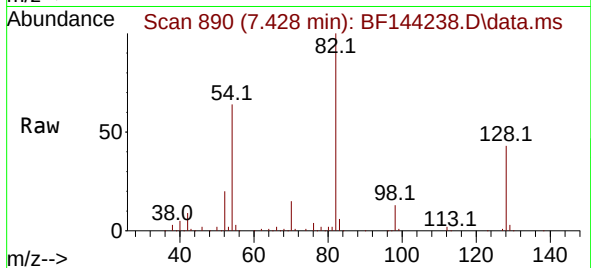
Tgt Ion: 82 Resp: 224372

Ion Ratio Lower Upper

82 100

128 42.6 34.7 52.1

54 64.4 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: BF144238.D

Acq: 12 Nov 2025 19:50

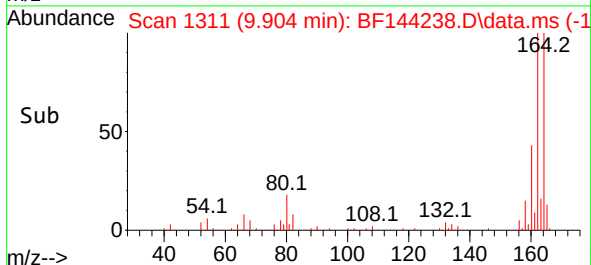
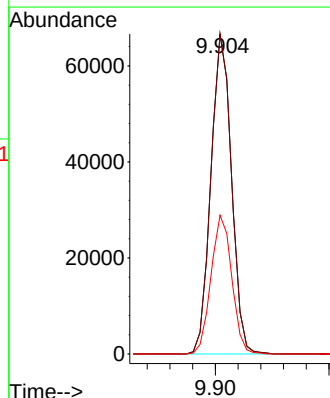
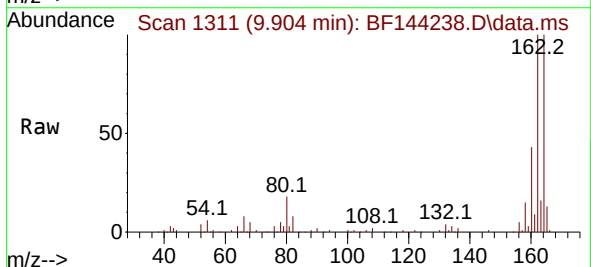
Tgt Ion:164 Resp: 83545

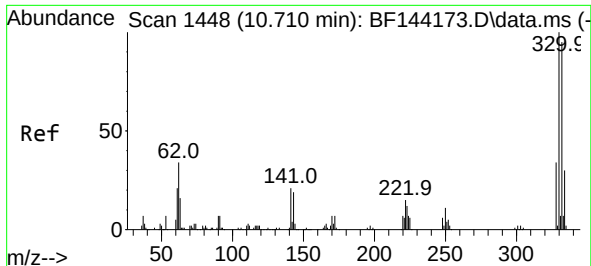
Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

160 43.4 34.5 51.7

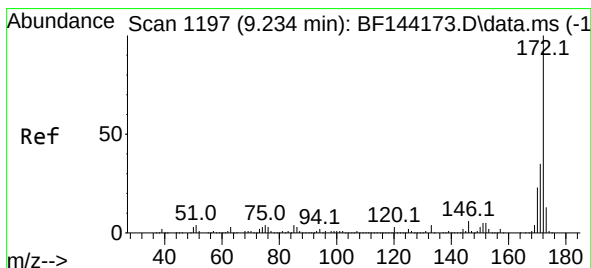
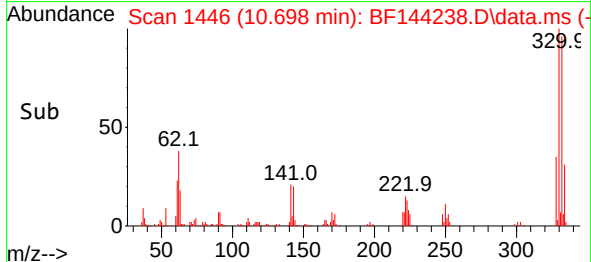
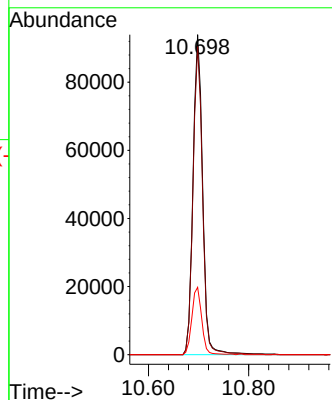
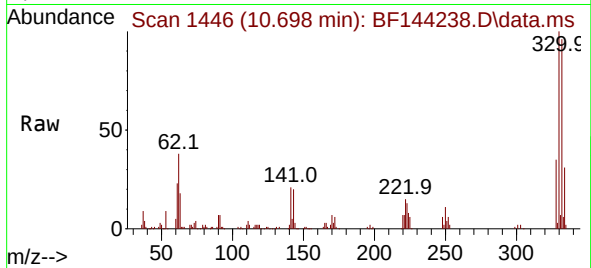




#42
2,4,6-Tribromophenol
Concen: 119.600 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

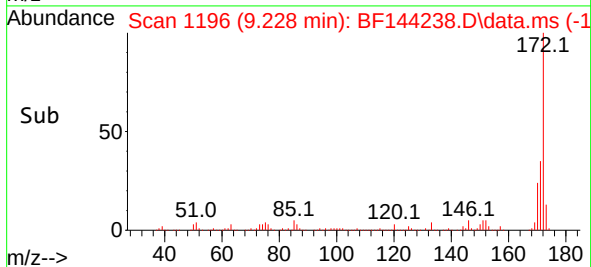
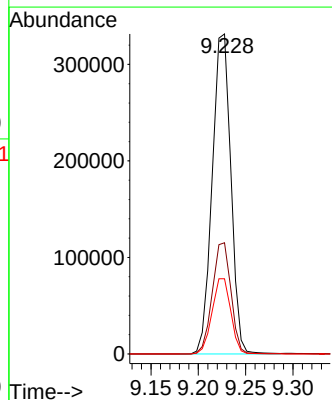
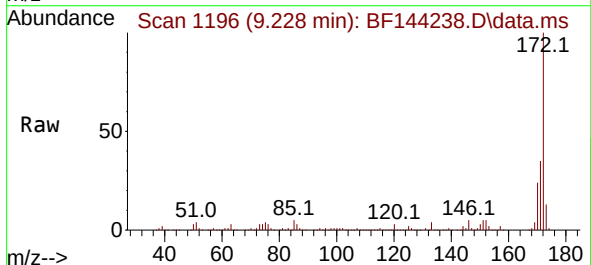
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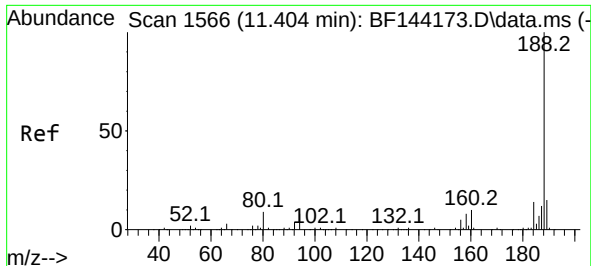
Tgt Ion:330 Resp: 125388
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 21.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 80.281 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

Tgt Ion:172 Resp: 454119
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.6 28.0

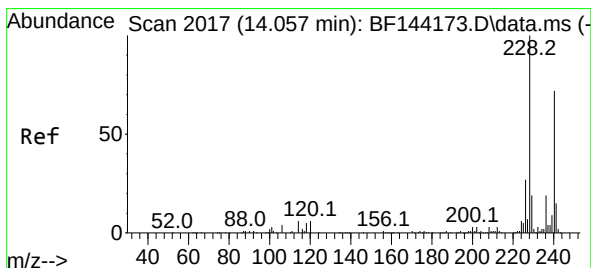
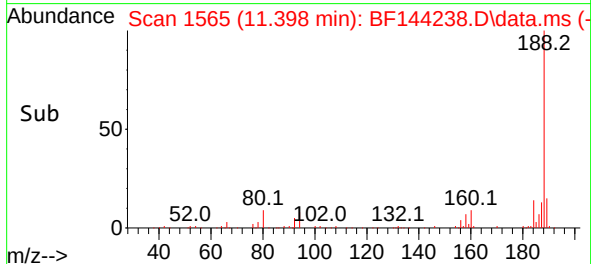
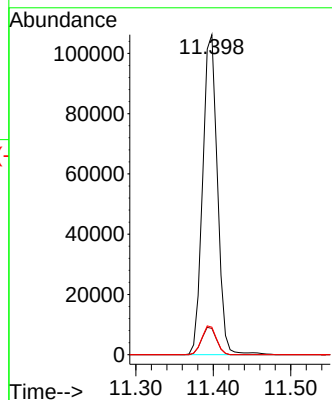
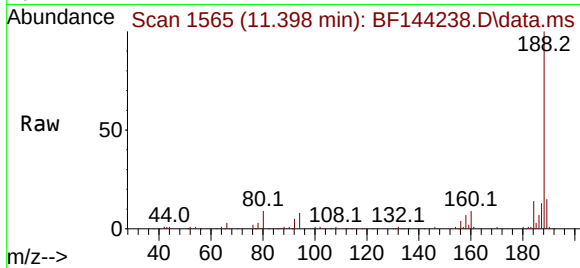




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

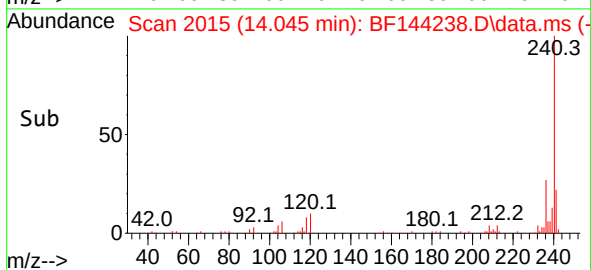
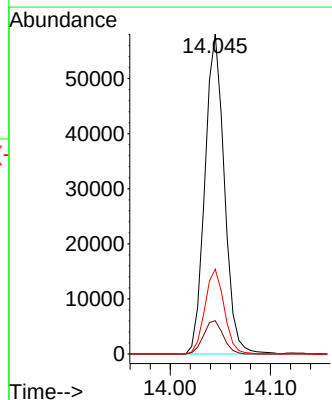
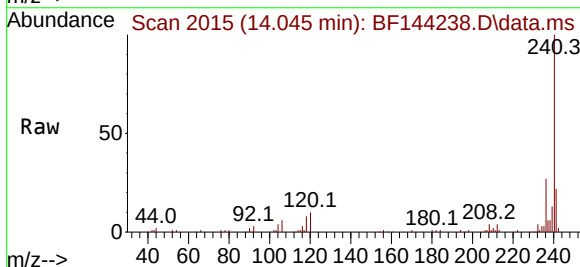
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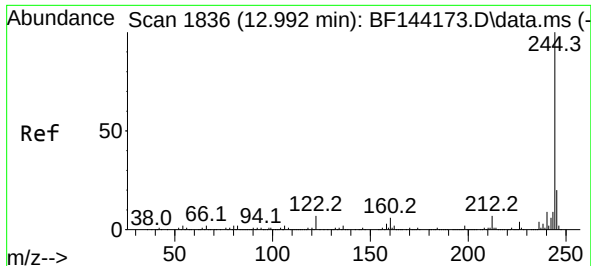
Tgt Ion:188 Resp: 140163
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144238.D
Acq: 12 Nov 2025 19:50

Tgt Ion:240 Resp: 78393
Ion Ratio Lower Upper
240 100
120 10.4 6.6 10.0#
236 26.5 21.4 32.2

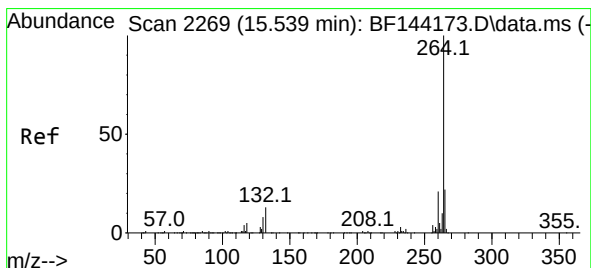
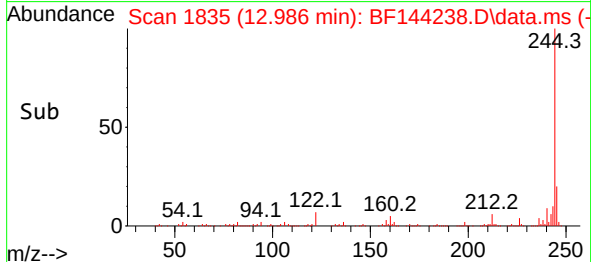
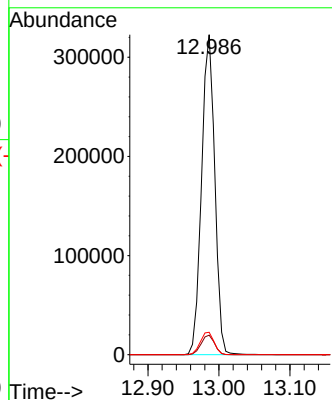
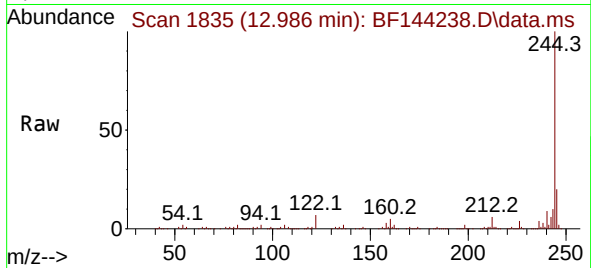




#79
 Terphenyl-d14
 Concen: 84.766 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144238.D
 Acq: 12 Nov 2025 19:50

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tgt Ion:244 Resp: 418346
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.0 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: BF144238.D
 Acq: 12 Nov 2025 19:50

Tgt Ion:264 Resp: 90826
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.1 25.7
 265 21.8 17.4 26.0

