

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144237.D
 Acq On : 12 Nov 2025 19:20
 Operator : RC/JU
 Sample : PB170493TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170493TB

Quant Time: Nov 13 10:42:14 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	43190	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	169062	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	97723	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	165628	20.000	ng	0.00
76) Chrysene-d12	14.045	240	88153	20.000	ng	0.00
86) Perylene-d12	15.521	264	103140	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	328705	119.097	ng	0.00
7) Phenol-d6	6.498	99	383354	122.585	ng	0.00
23) Nitrobenzene-d5	7.428	82	246763	84.299	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139344	113.629	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	503760	76.136	ng	0.00
79) Terphenyl-d14	12.986	244	530802	95.644	ng	0.00

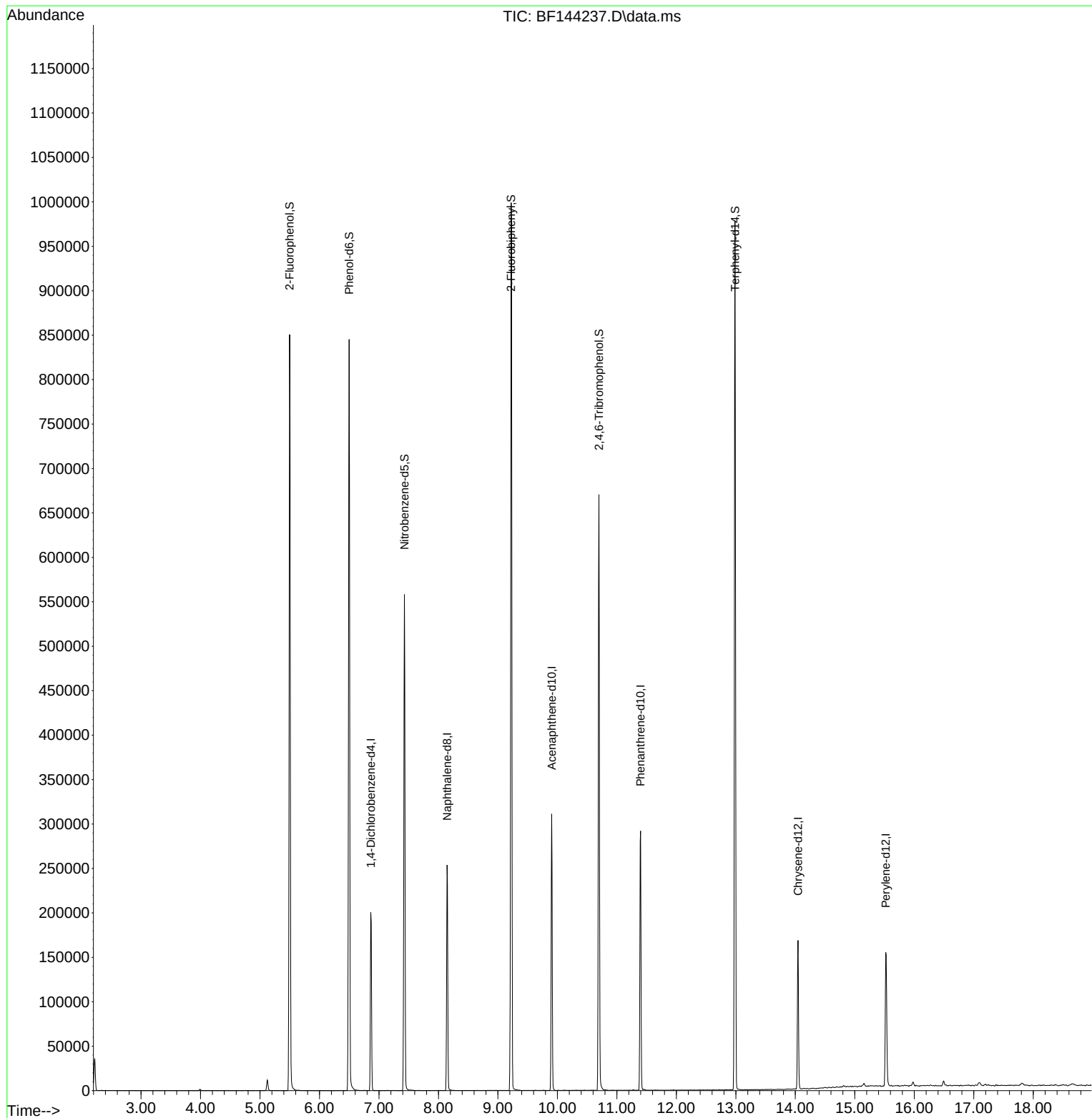
Target Compounds	Qvalue

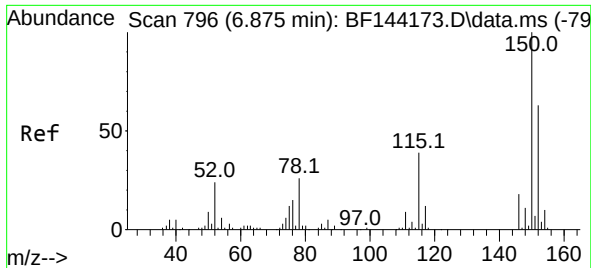
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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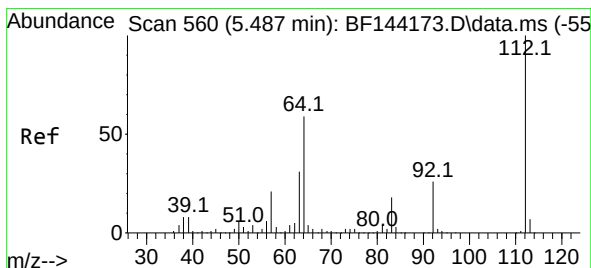
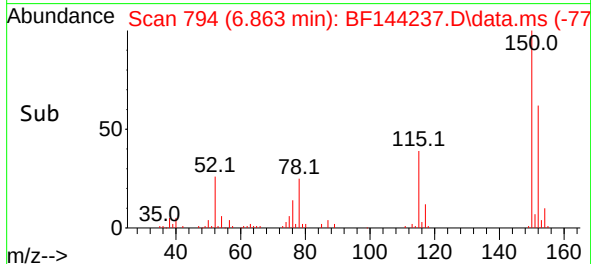
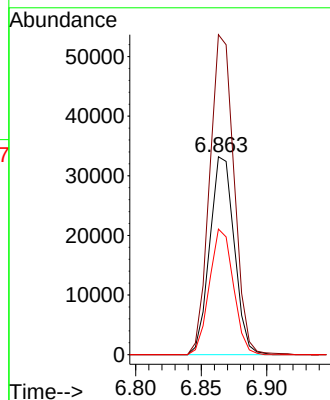
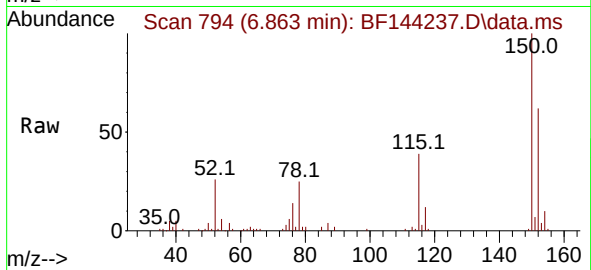




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144237.D
 Acq: 12 Nov 2025 19:20

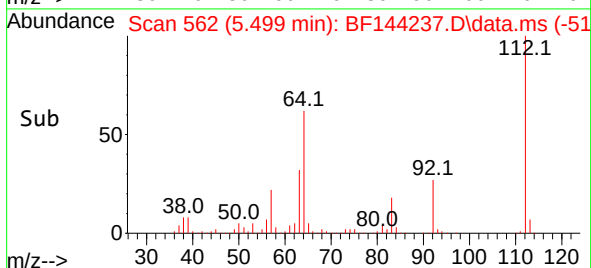
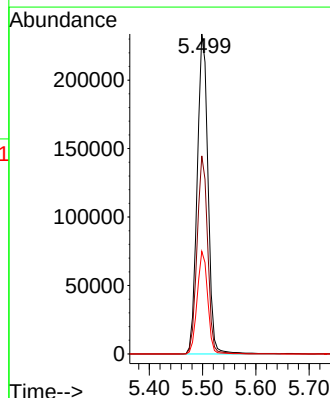
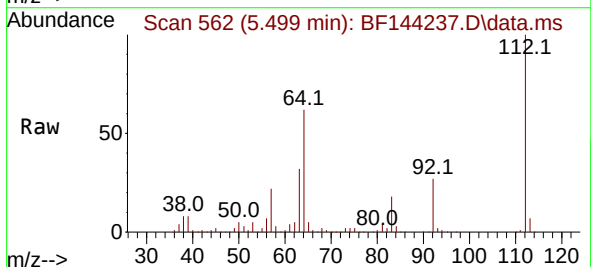
Instrument :
 BNA_F
 ClientSampleId :
 PB170493TB

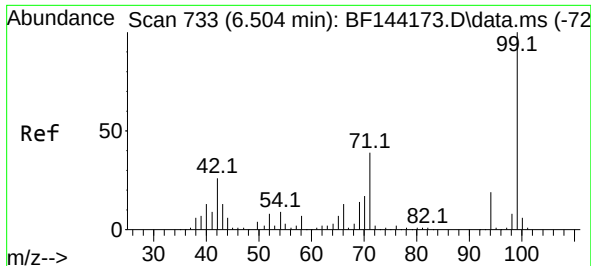
Tgt Ion:152 Resp: 43190
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.4 191.0
 115 63.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 119.097 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144237.D
 Acq: 12 Nov 2025 19:20

Tgt Ion:112 Resp: 328705
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.2 70.8
 63 32.0 24.4 36.6

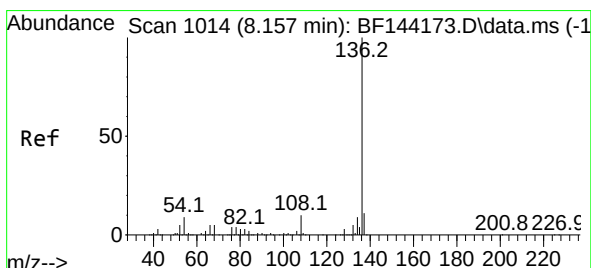
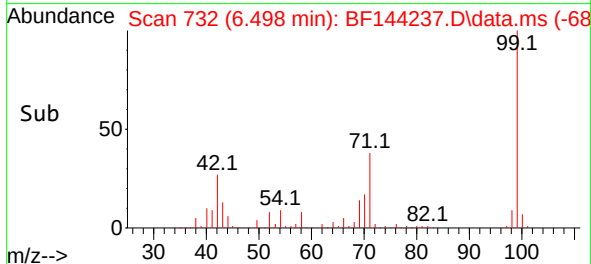
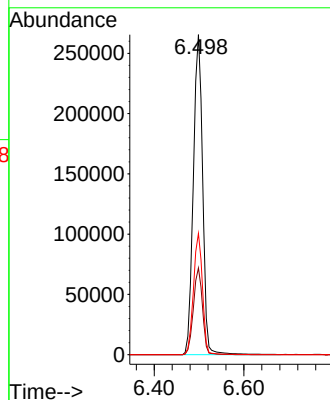
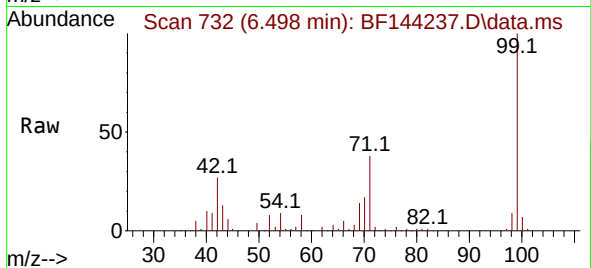




#7
Phenol-d6
Concen: 122.585 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

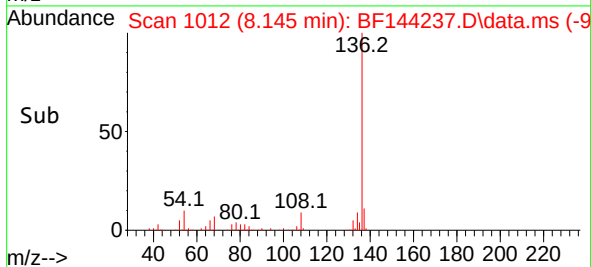
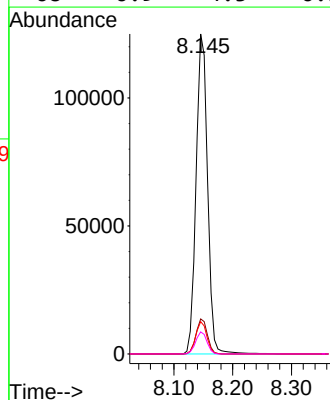
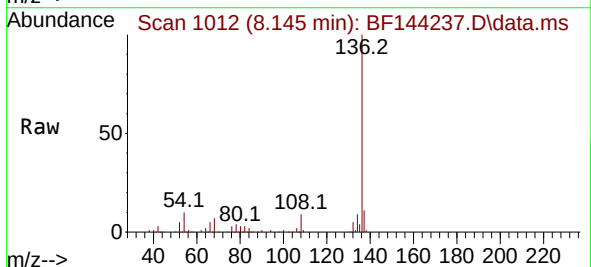
Instrument :
BNA_F
ClientSampleId :
PB170493TB

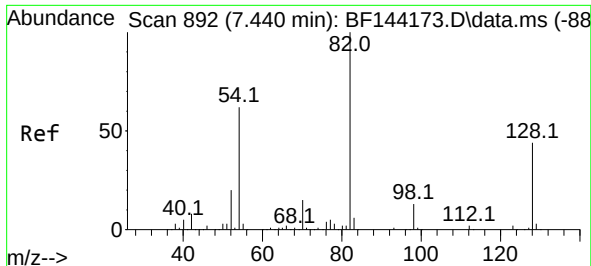
Tgt Ion: 99 Resp: 383354
Ion Ratio Lower Upper
99 100
42 27.1 20.9 31.3
71 37.9 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

Tgt Ion: 136 Resp: 169062
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 7.0 10.6
68 6.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.299 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144237.D

Acq: 12 Nov 2025 19:20

Instrument :

BNA_F

ClientSampleId :

PB170493TB

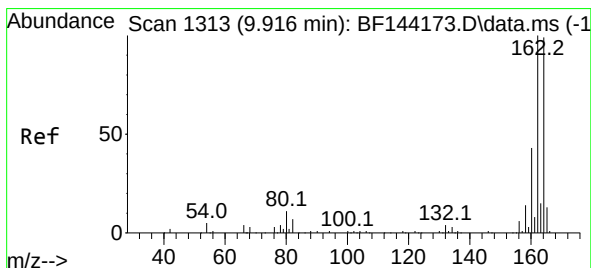
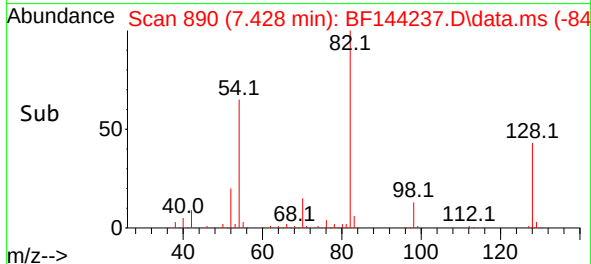
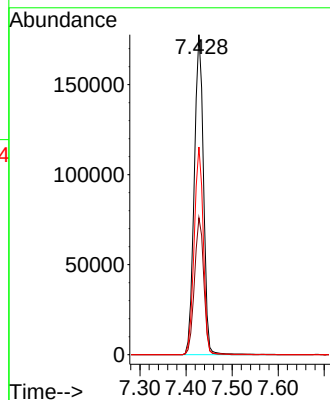
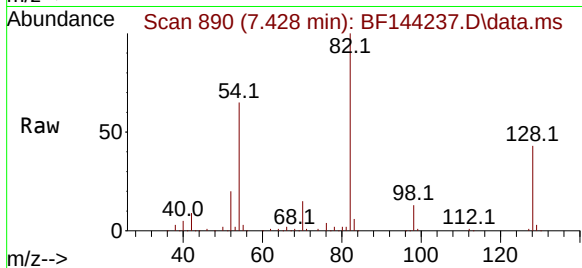
Tgt Ion: 82 Resp: 246763

Ion Ratio Lower Upper

82 100

128 42.8 34.7 52.1

54 64.9 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: BF144237.D

Acq: 12 Nov 2025 19:20

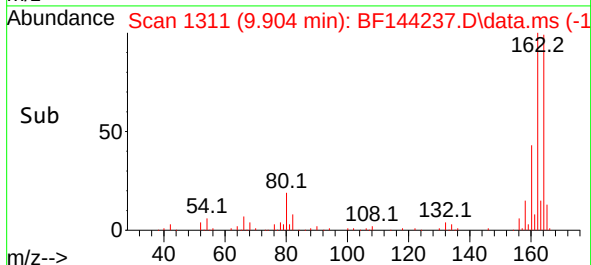
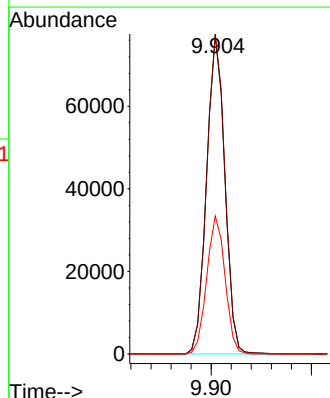
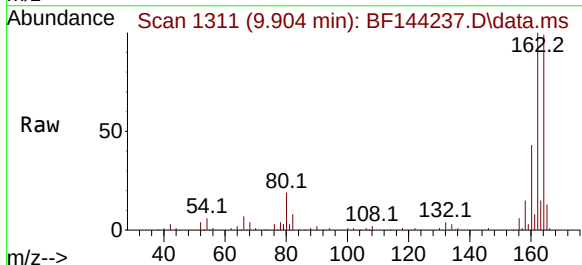
Tgt Ion:164 Resp: 97723

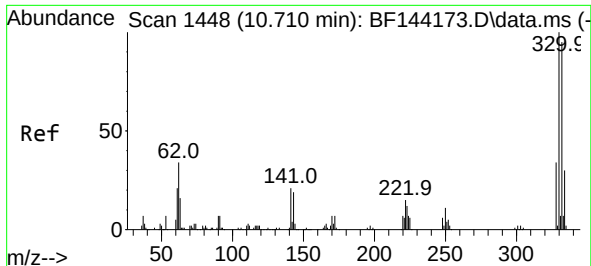
Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

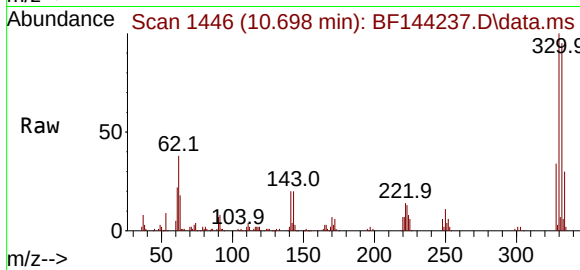
160 43.4 34.5 51.7



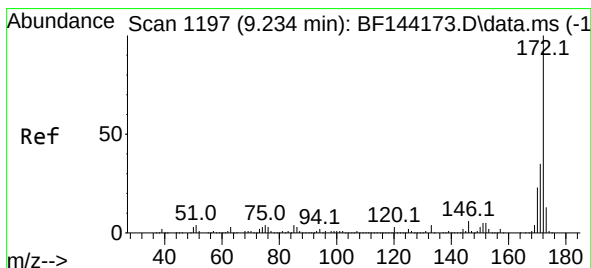
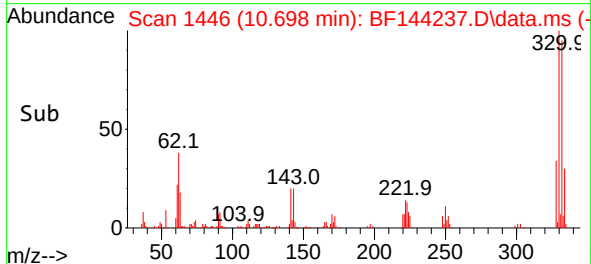
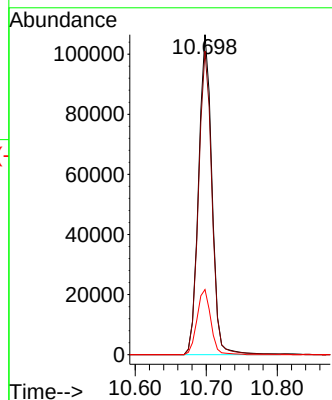


#42
2,4,6-Tribromophenol
Concen: 113.629 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

Instrument :
BNA_F
ClientSampleId :
PB170493TB

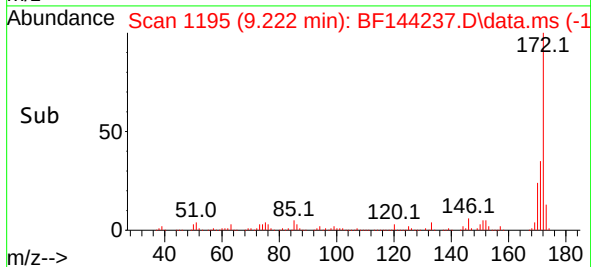
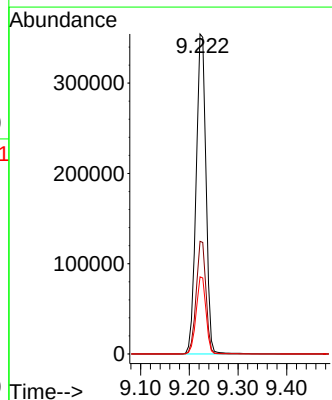
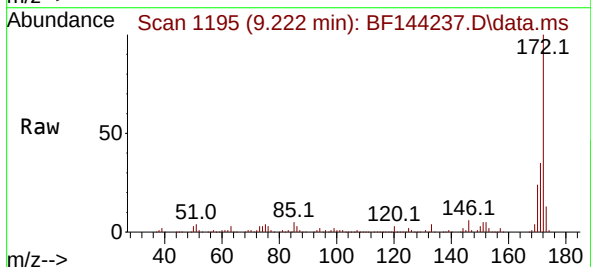


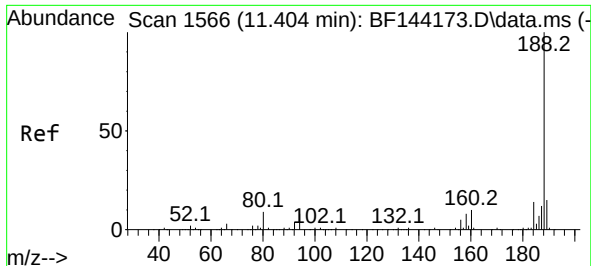
Tgt Ion:330 Resp: 139344
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 21.0 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 76.136 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

Tgt Ion:172 Resp: 503760
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.1 18.6 28.0

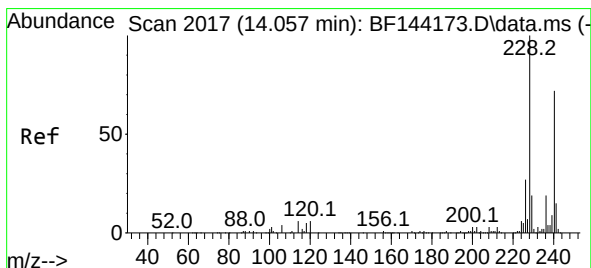
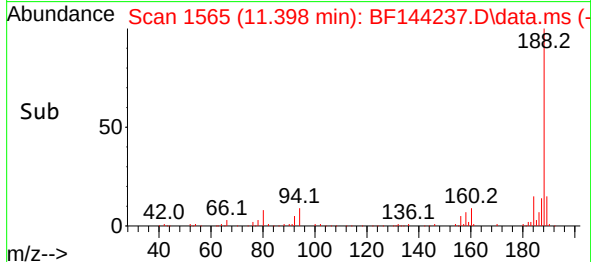
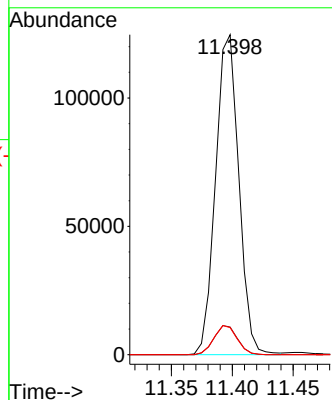
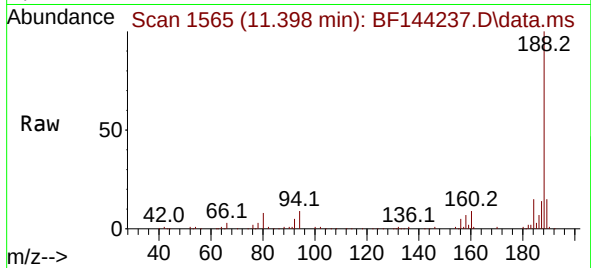




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

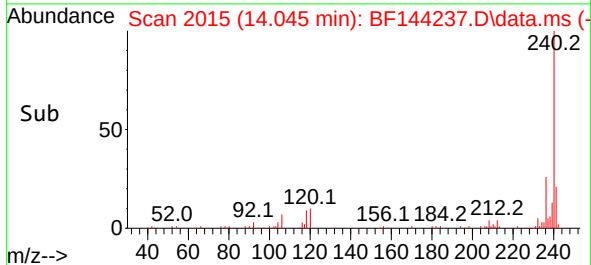
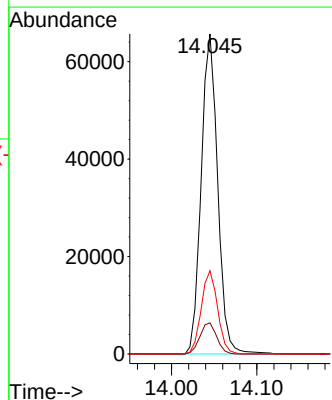
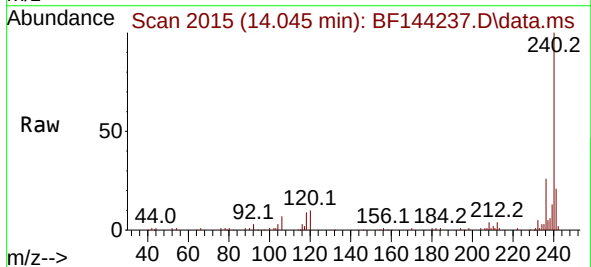
Instrument :
BNA_F
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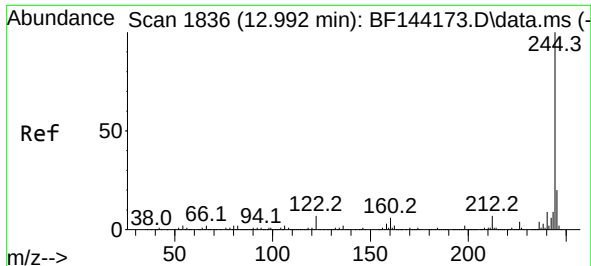
Tgt Ion:188 Resp: 165628
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144237.D
Acq: 12 Nov 2025 19:20

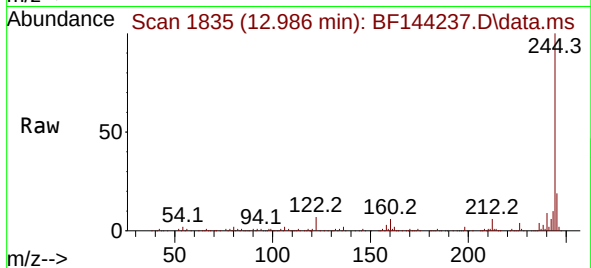
Tgt Ion:240 Resp: 88153
Ion Ratio Lower Upper
240 100
120 9.7 6.6 10.0
236 26.0 21.4 32.2



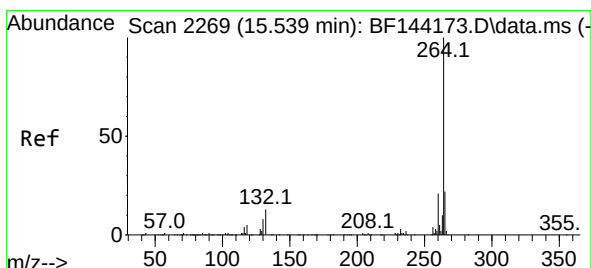
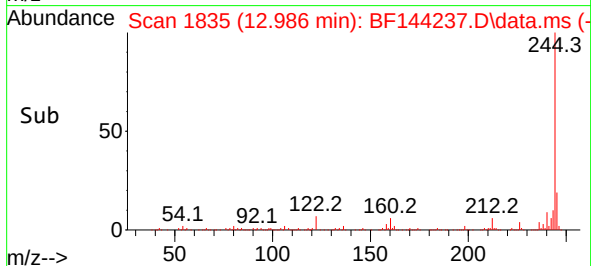
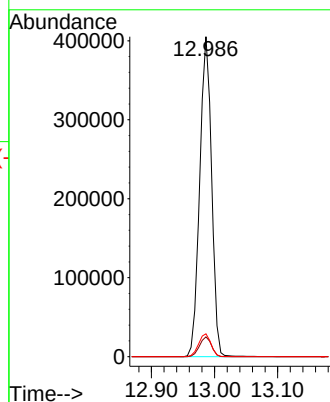


#79
 Terphenyl-d14
 Concen: 95.644 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144237.D
 Acq: 12 Nov 2025 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB170493TB



Tgt Ion:244 Resp: 530802
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144237.D
 Acq: 12 Nov 2025 19:20

Tgt Ion:264 Resp: 103140
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 21.0 17.4 26.0

