

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144066.D
 Acq On : 24 Oct 2025 17:51
 Operator : RC/JU
 Sample : PB170222BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170222BL

Quant Time: Oct 24 18:12:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	56915	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	223964	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	124592	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	219300	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160657	20.000	ng	0.00
86) Perylene-d12	15.539	264	176931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	471112	130.958	ng	0.01
7) Phenol-d6	6.504	99	529212	133.203	ng	0.00
23) Nitrobenzene-d5	7.439	82	373603	91.392	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	227115	143.104	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	791304	89.375	ng	0.00
79) Terphenyl-d14	12.998	244	902860	98.246	ng	0.00

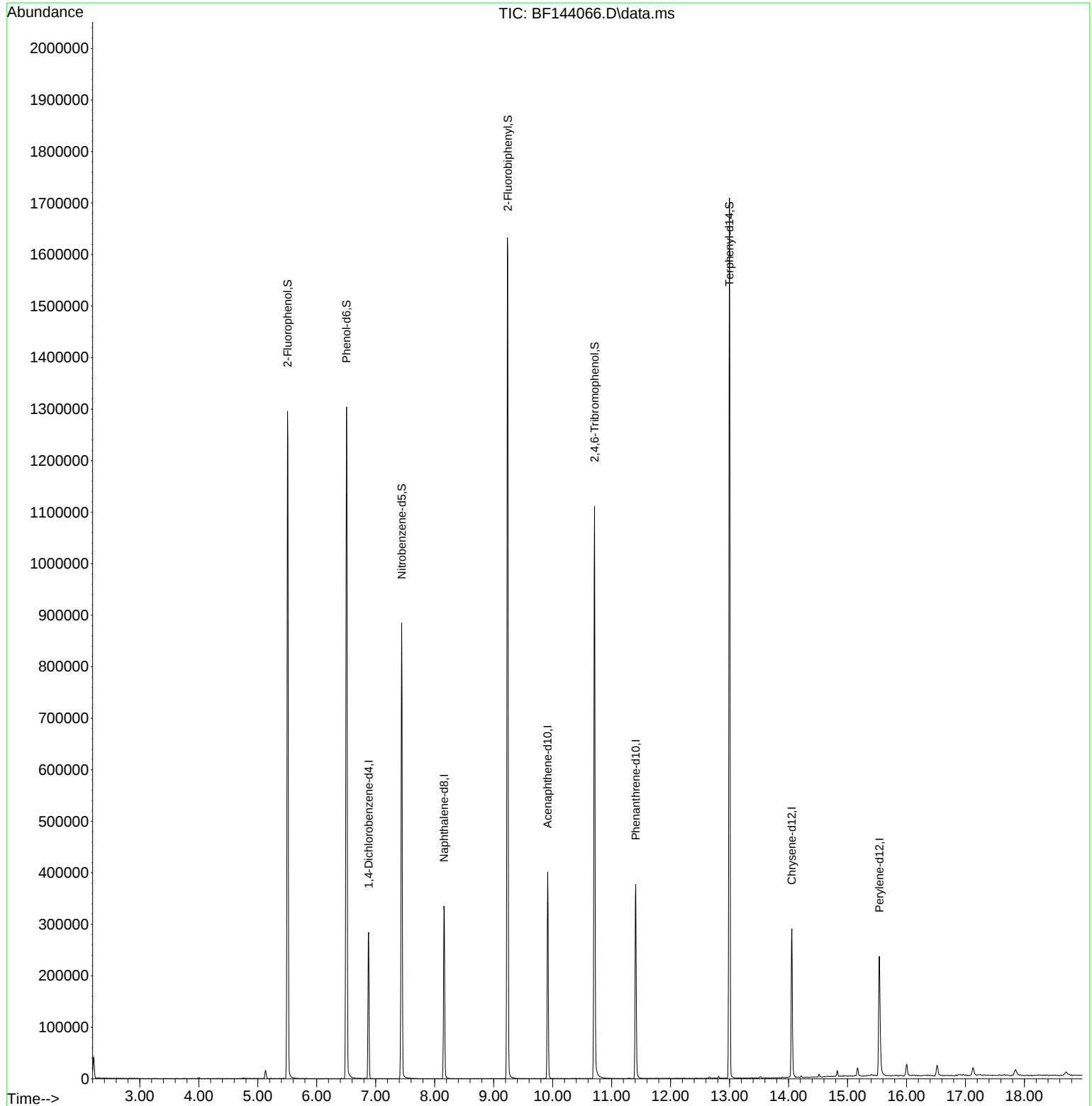
Target Compounds	Qvalue

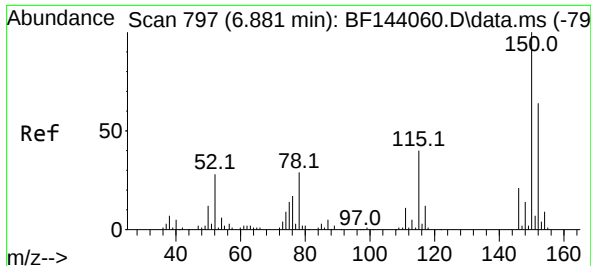
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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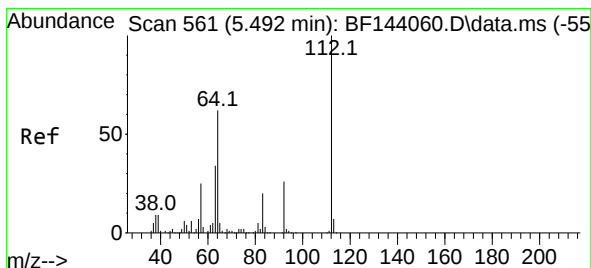
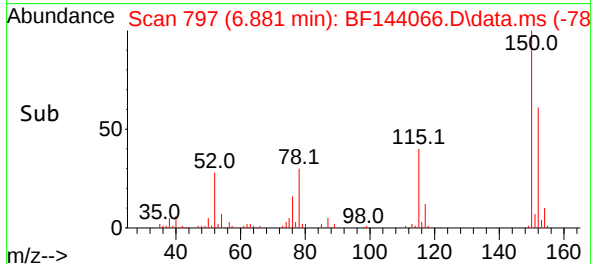
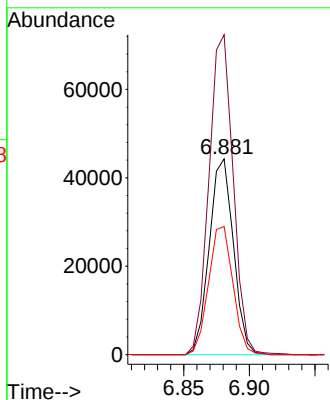
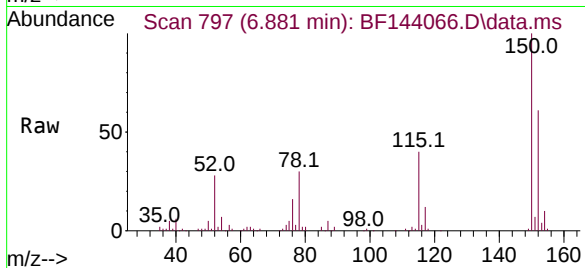




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

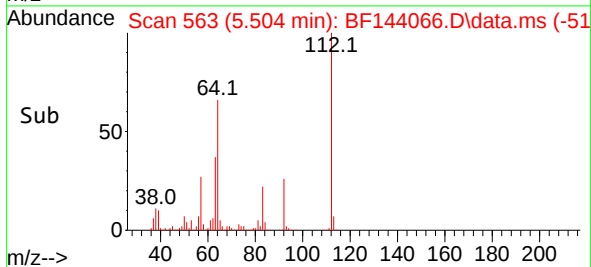
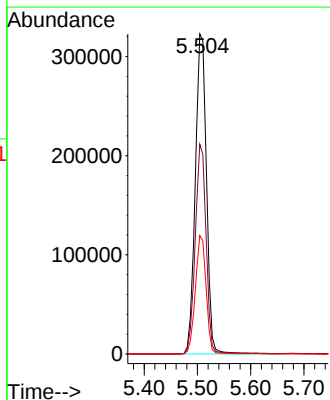
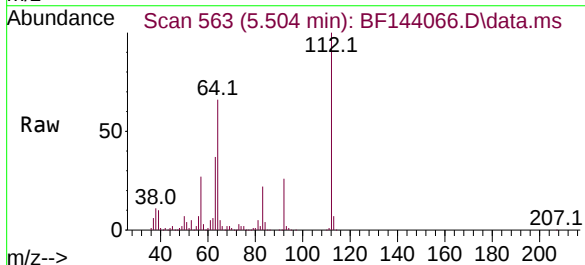
Instrument :
BNA_F
ClientSampleId :
PB170222BL

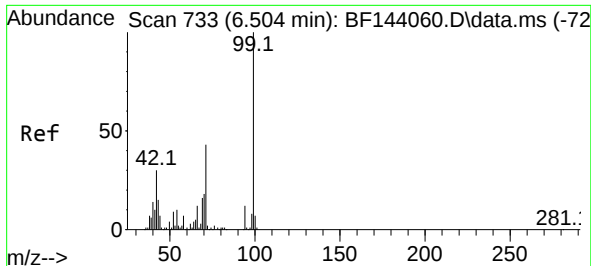
Tgt Ion:152 Resp: 56915
Ion Ratio Lower Upper
152 100
150 163.5 124.4 186.6
115 65.5 49.4 74.0



#5
2-Fluorophenol
Concen: 130.958 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

Tgt Ion:112 Resp: 471112
Ion Ratio Lower Upper
112 100
64 65.6 49.8 74.8
63 37.0 27.4 41.2

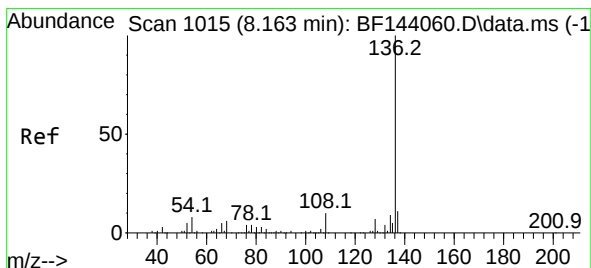
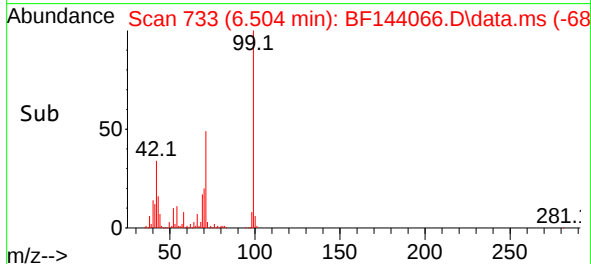
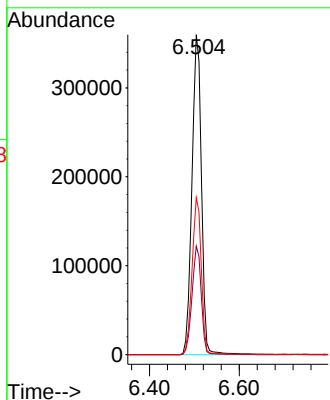
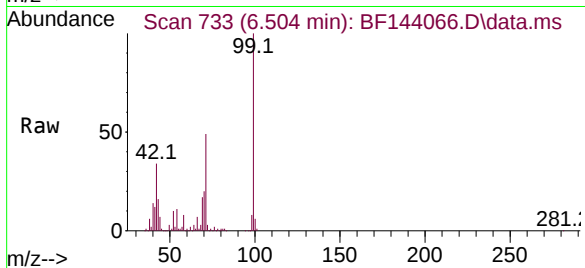




#7
Phenol-d6
Concen: 133.203 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

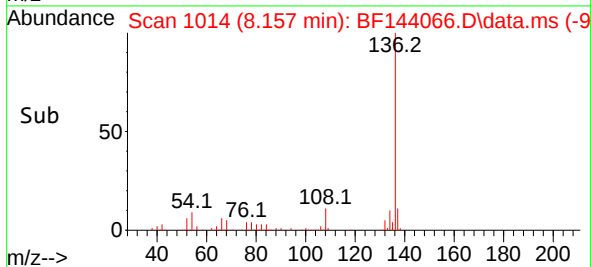
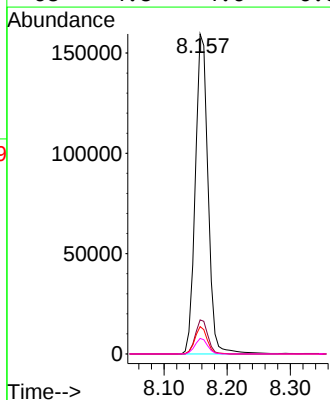
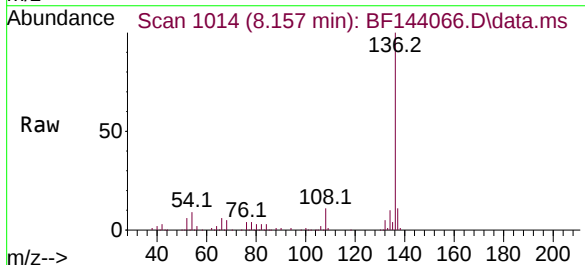
Instrument :
BNA_F
ClientSampleId :
PB170222BL

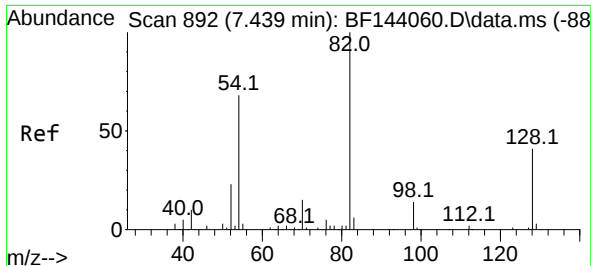
Tgt Ion: 99 Resp: 529212
Ion Ratio Lower Upper
99 100
42 33.9 23.9 35.9
71 49.0 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

Tgt Ion: 136 Resp: 223964
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 6.6 9.8
68 4.8 4.6 6.8

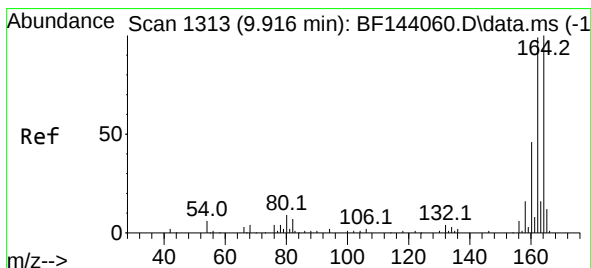
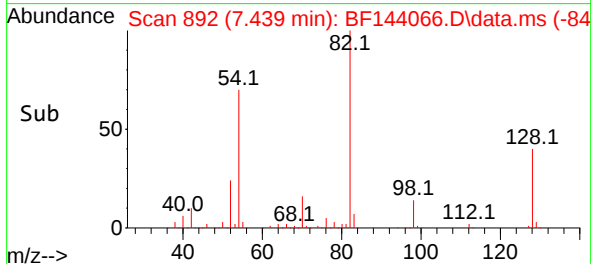
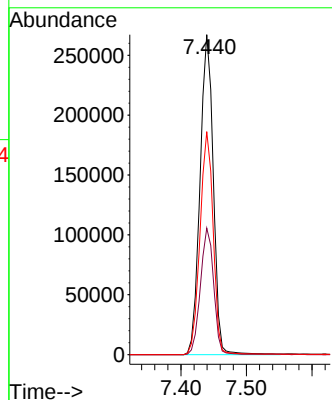
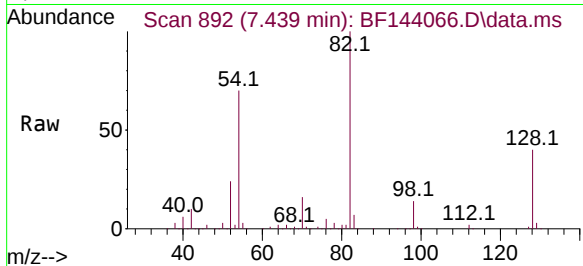




#23
Nitrobenzene-d5
Concen: 91.392 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

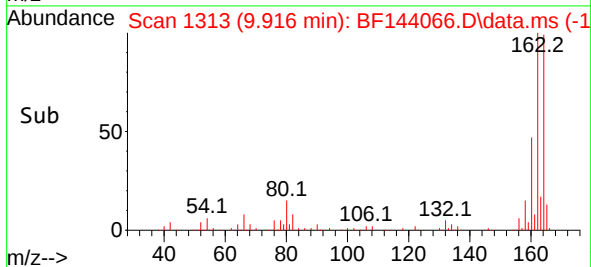
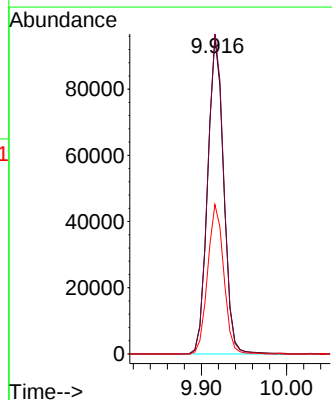
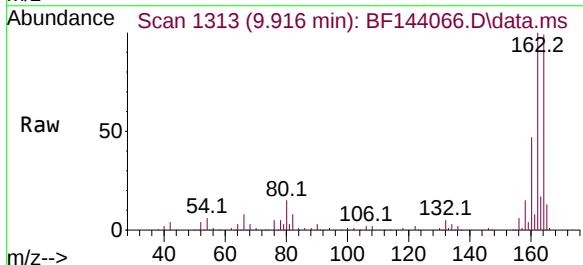
Instrument :
BNA_F
ClientSampleId :
PB170222BL

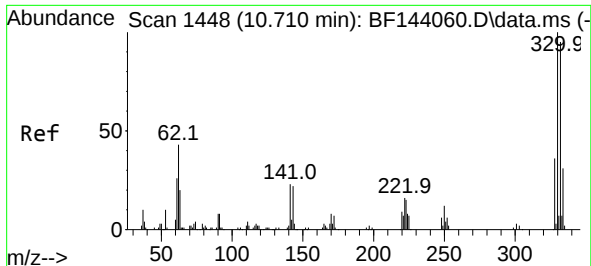
Tgt Ion: 82 Resp: 373603
Ion Ratio Lower Upper
82 100
128 39.5 32.4 48.6
54 69.7 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

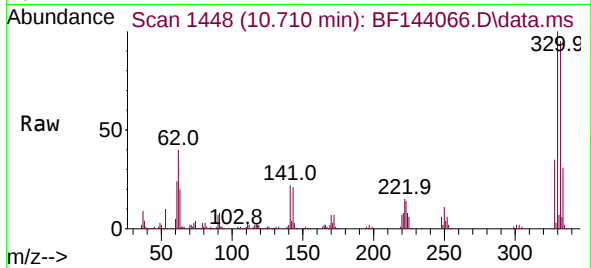
Tgt Ion:164 Resp: 124592
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 47.3 36.7 55.1



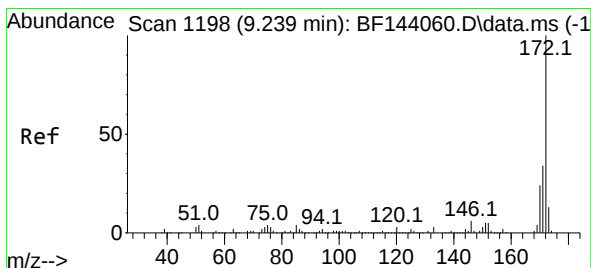
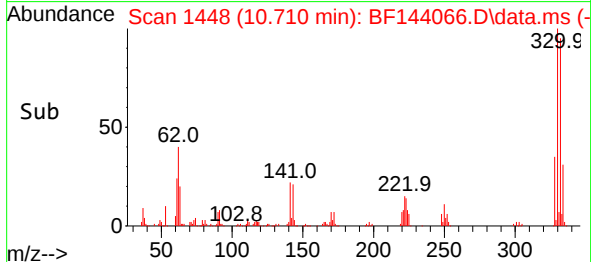
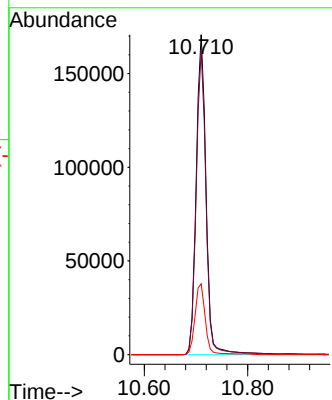


#42
2,4,6-Tribromophenol
Concen: 143.104 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

Instrument :
BNA_F
ClientSampleId :
PB170222BL

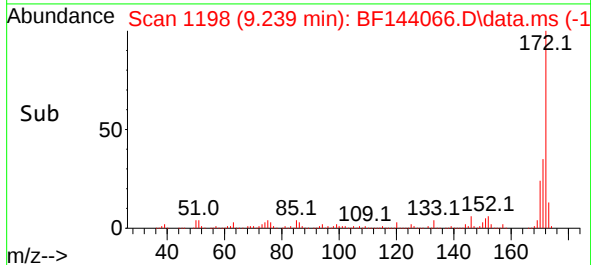
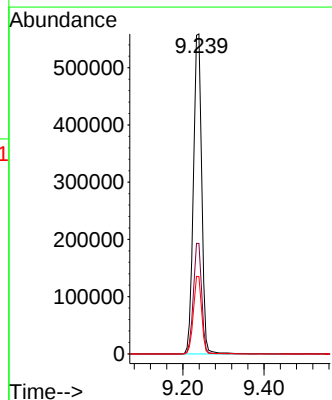
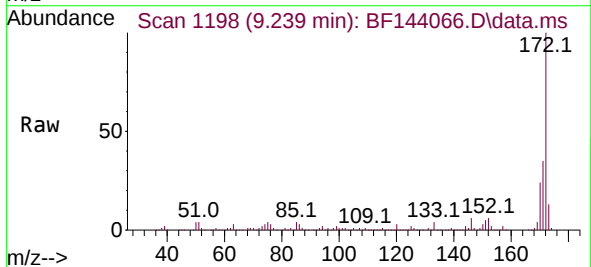


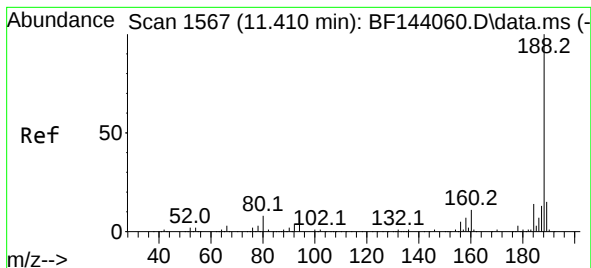
Tgt Ion:330 Resp: 227115
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 22.8 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 89.375 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144066.D
Acq: 24 Oct 2025 17:51

Tgt Ion:172 Resp: 791304
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144066.D

Acq: 24 Oct 2025 17:51

Instrument :

BNA_F

ClientSampleId :

PB170222BL

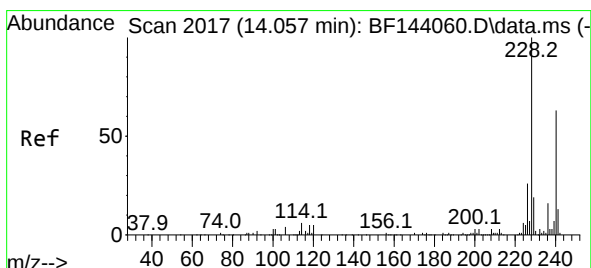
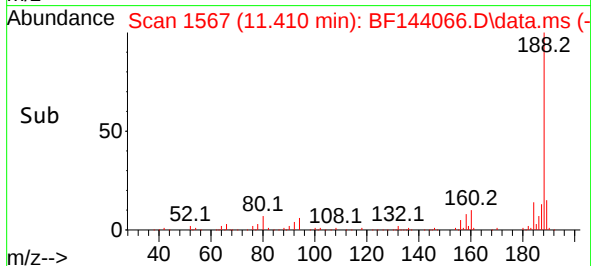
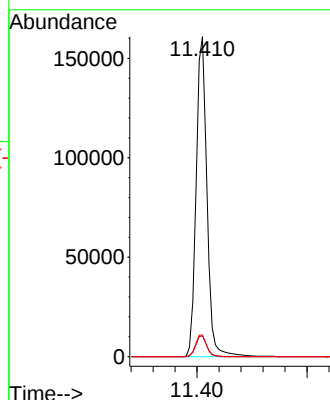
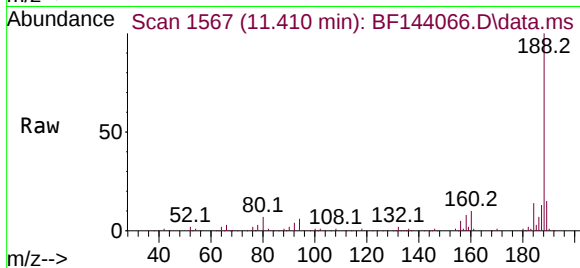
Tgt Ion:188 Resp: 219300

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 6.7 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BF144066.D

Acq: 24 Oct 2025 17:51

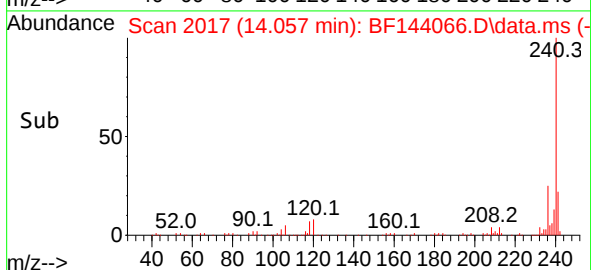
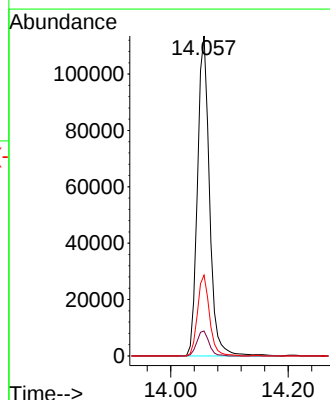
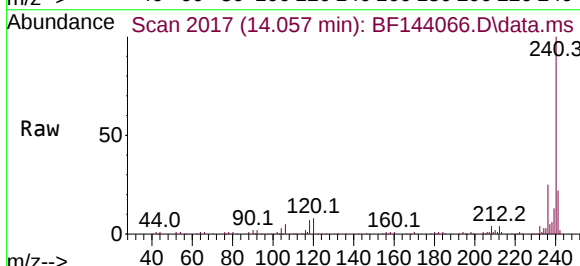
Tgt Ion:240 Resp: 160657

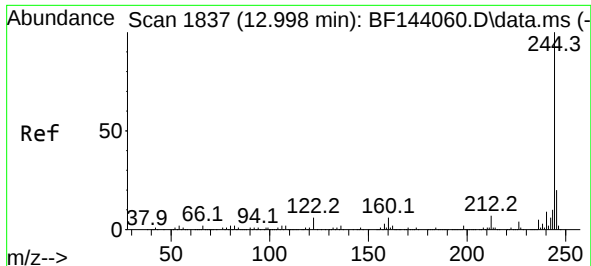
Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 25.2 20.1 30.1

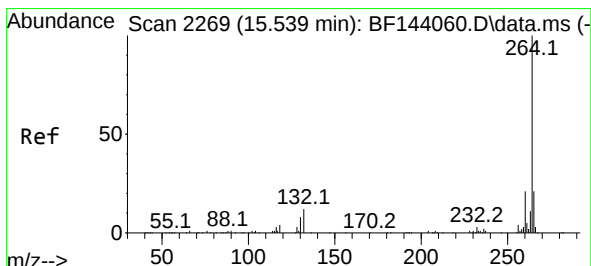
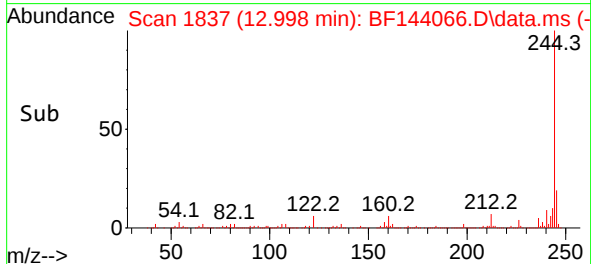
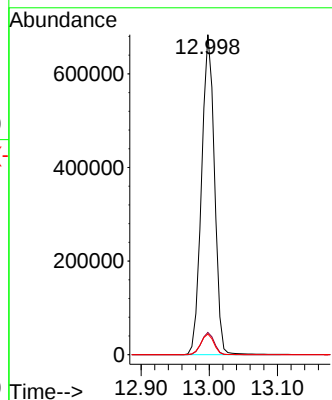
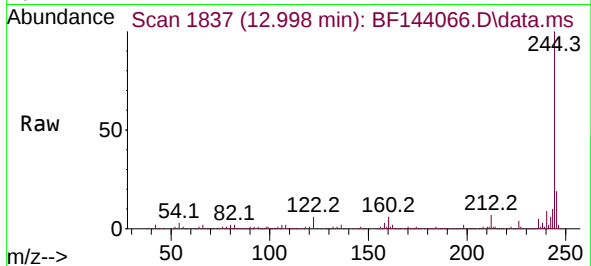




#79
 Terphenyl-d14
 Concen: 98.246 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144066.D
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Instrument :
 BNA_F
 ClientSampleId :
 PB170222BL

Tgt Ion:244 Resp: 902860
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 6.4 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144066.D
 Acq: 24 Oct 2025 17:51

Tgt Ion:264 Resp: 176931
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.0 25.4
 265 20.6 16.6 24.8

