

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144075.D
 Acq On : 27 Oct 2025 10:57
 Operator : RC/JU
 Sample : PB170206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170206BL

Quant Time: Oct 27 11:41:18 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	68934	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265265	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	152247	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283532	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170424	20.000	ng	0.00
86) Perylene-d12	15.539	264	194021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546480	125.423	ng	0.01
7) Phenol-d6	6.510	99	621663	129.191	ng	0.00
23) Nitrobenzene-d5	7.440	82	419701	86.684	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	295457	152.350	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	915894	84.656	ng	0.00
79) Terphenyl-d14	12.998	244	1023205	104.961	ng	0.00

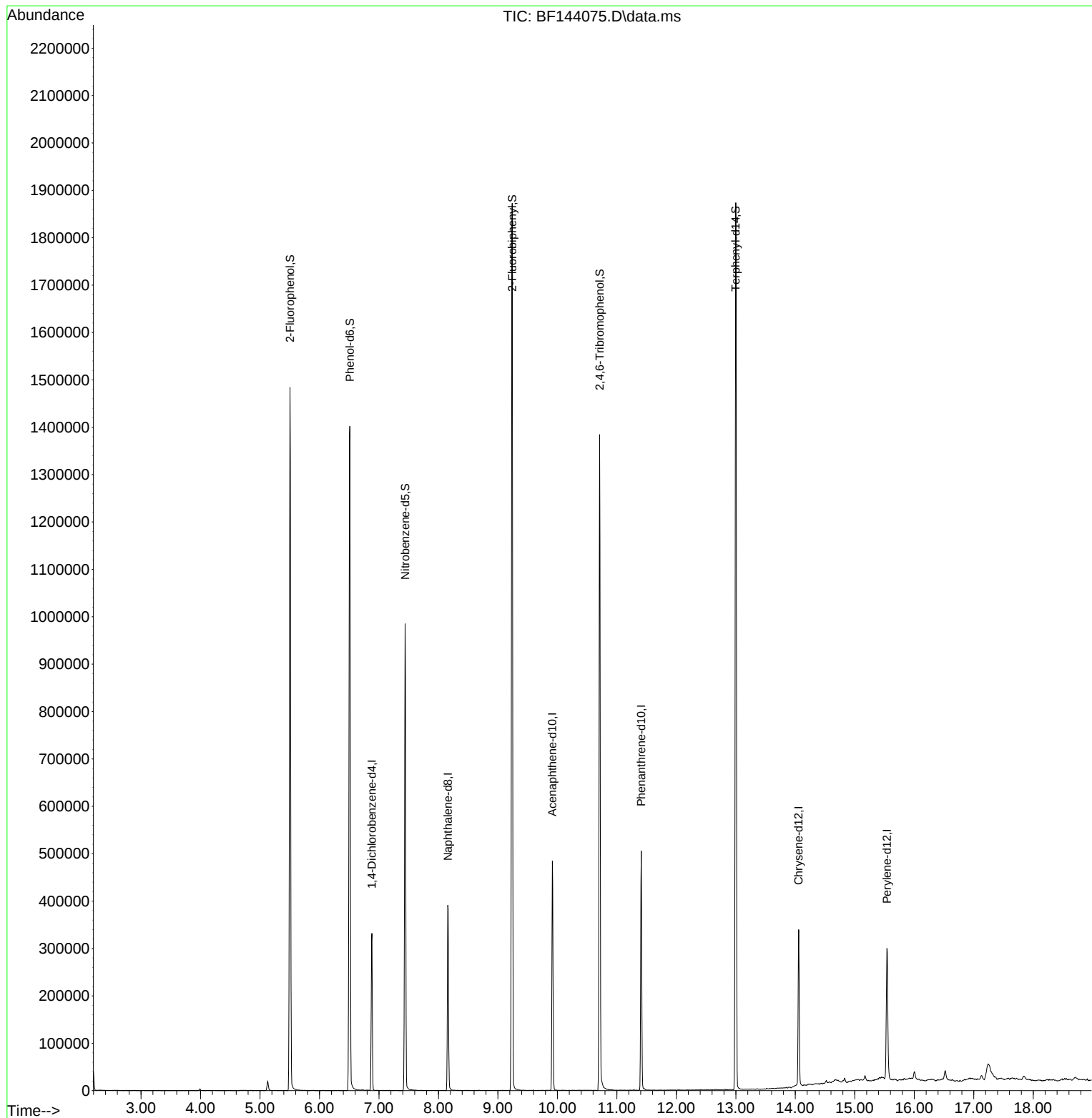
Target Compounds	Qvalue

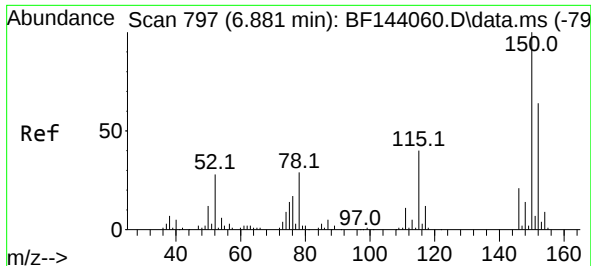
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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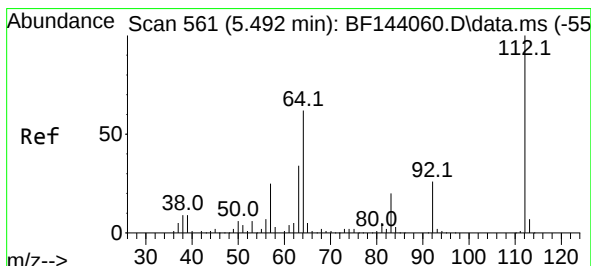
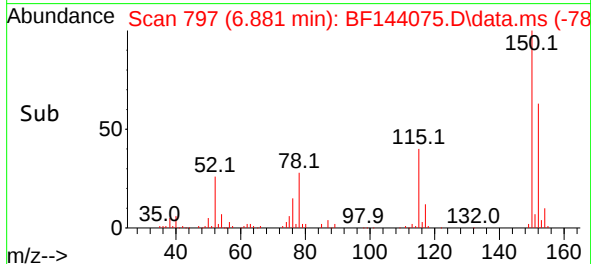
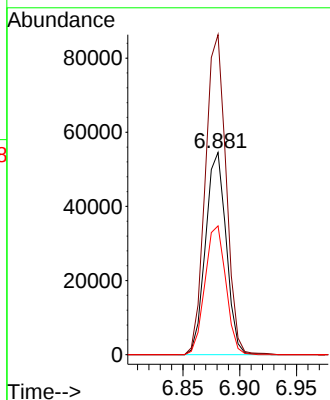
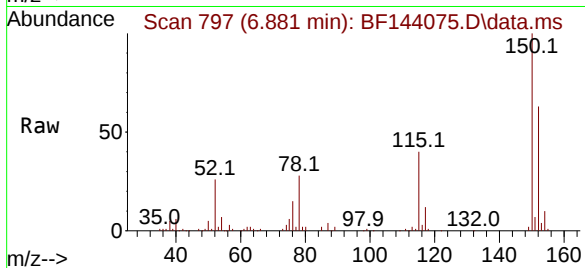




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

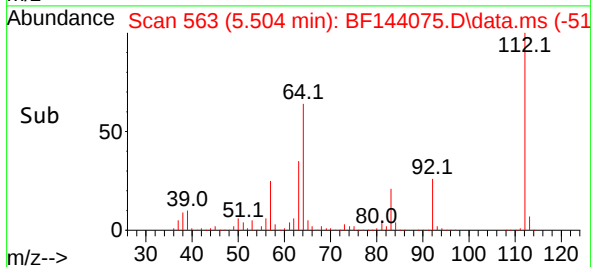
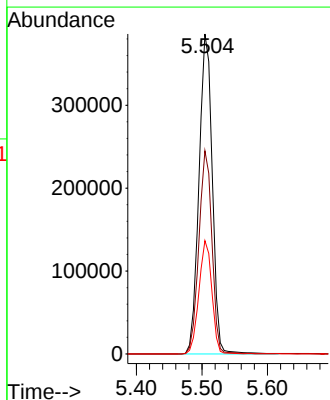
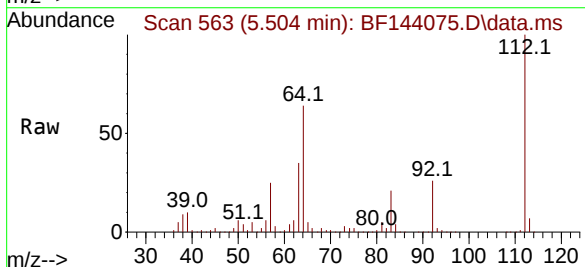
Instrument :
BNA_F
ClientSampleId :
PB170206BL

Tgt Ion:152 Resp: 68934
Ion Ratio Lower Upper
152 100
150 158.3 124.4 186.6
115 63.7 49.4 74.0



#5
2-Fluorophenol
Concen: 125.423 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion:112 Resp: 546480
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 35.4 27.4 41.2

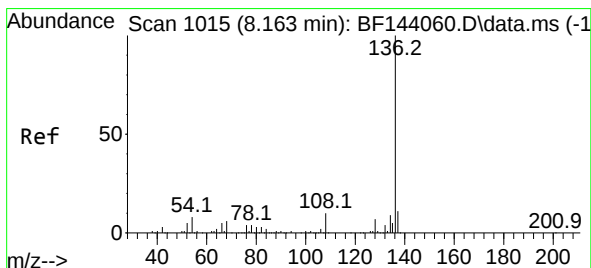
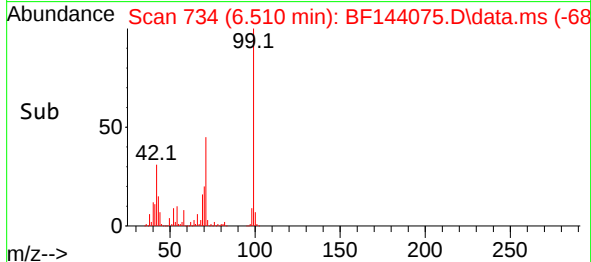
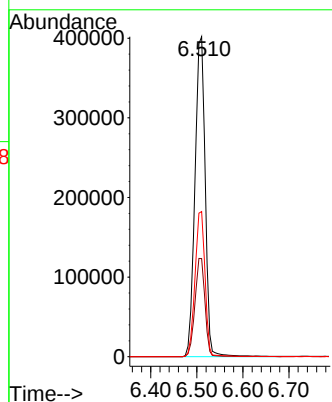
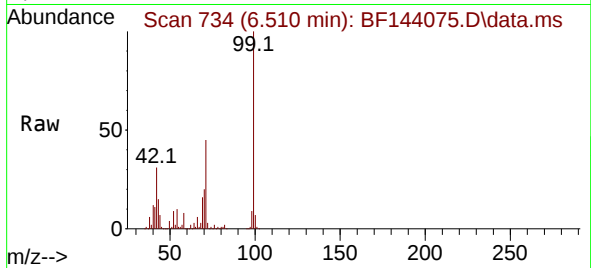




#7
Phenol-d6
Concen: 129.191 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

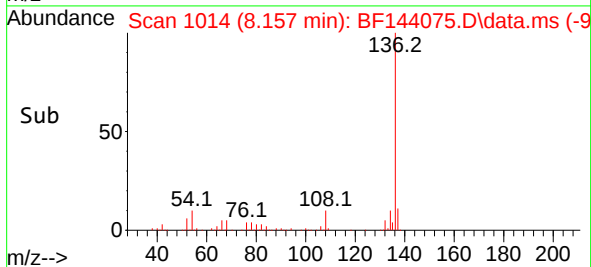
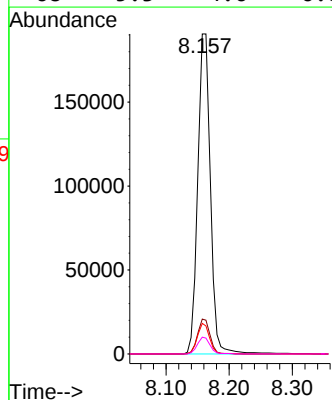
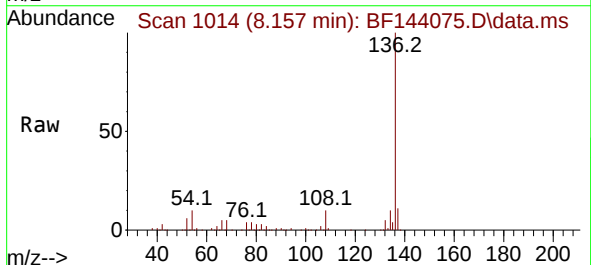
Instrument :
BNA_F
ClientSampleId :
PB170206BL

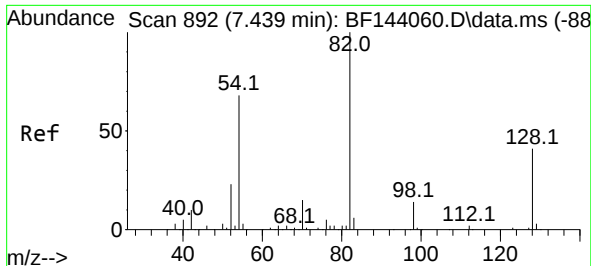
Tgt Ion: 99 Resp: 621663
Ion Ratio Lower Upper
99 100
42 30.7 23.9 35.9
71 45.3 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion: 136 Resp: 265265
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 6.6 9.8
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.684 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

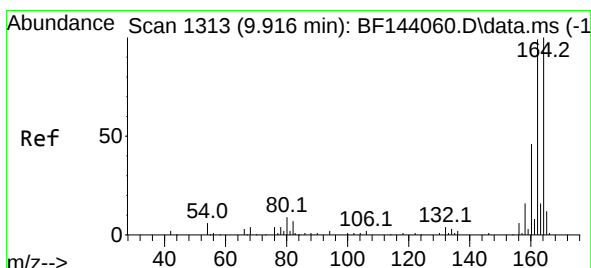
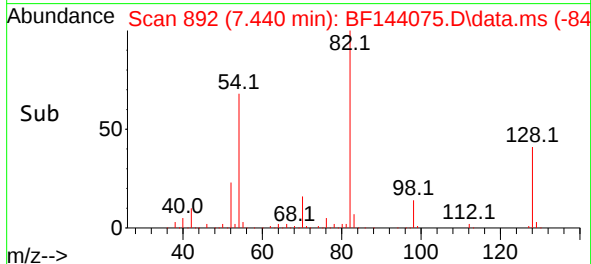
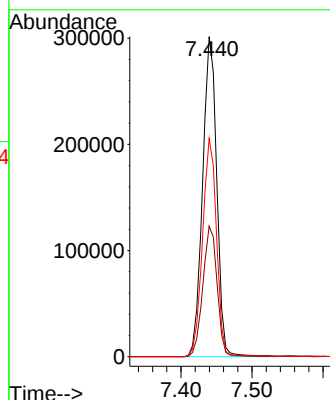
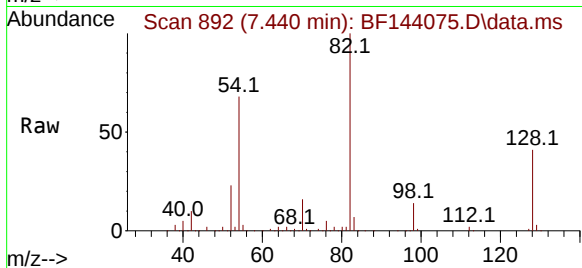
BNA_F

ClientSampleId :

PB170206BL

Tgt Ion: 82 Resp: 419701

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	68.2	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

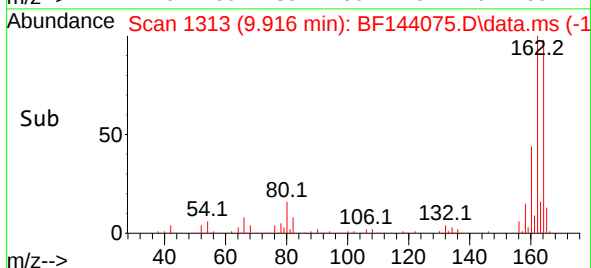
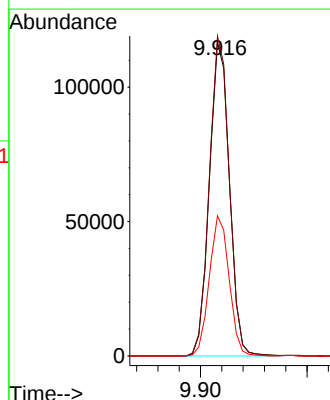
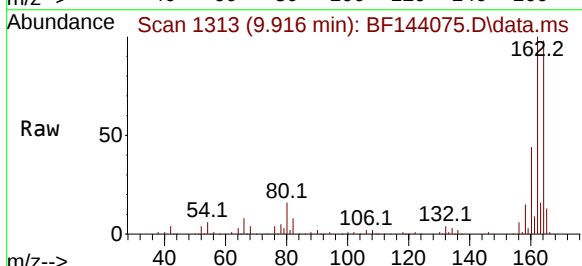
Delta R.T. 0.000 min

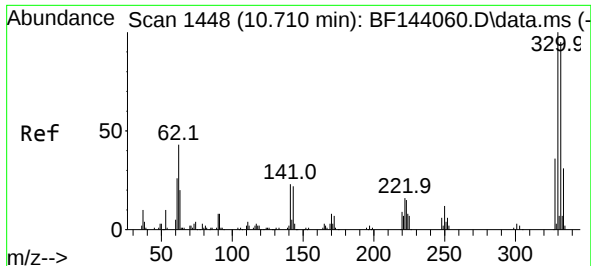
Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Tgt Ion:164 Resp: 152247

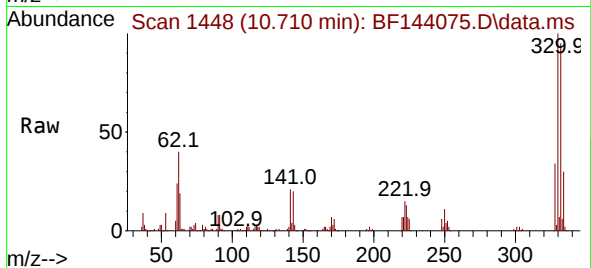
Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.4	119.2
160	44.7	36.7	55.1



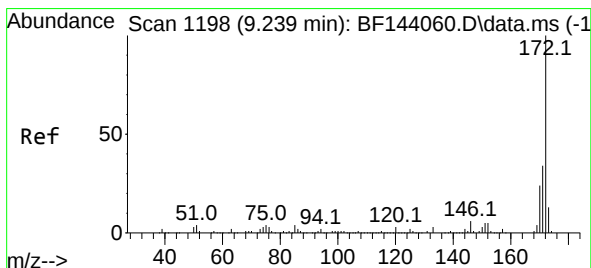
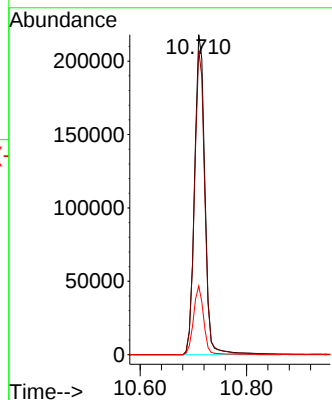
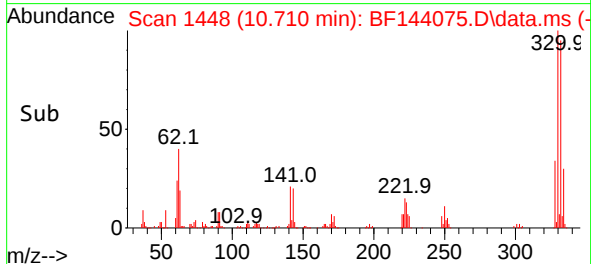


#42
2,4,6-Tribromophenol
Concen: 152.350 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

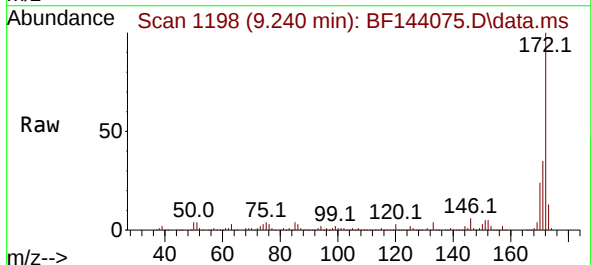
Instrument :
BNA_F
ClientSampleId :
PB170206BL



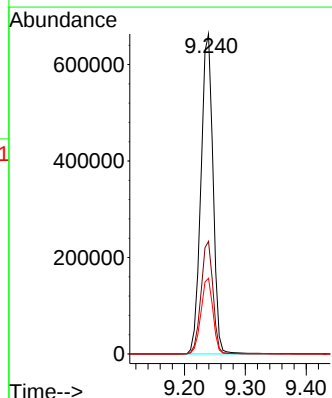
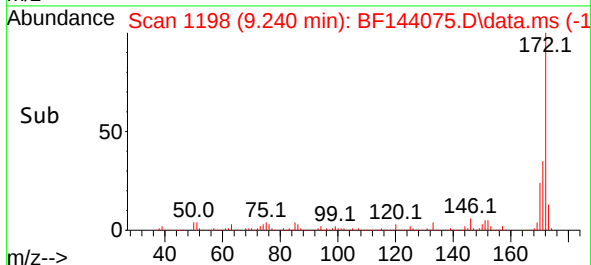
Tgt Ion:330 Resp: 295457
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 21.2 19.4 29.0

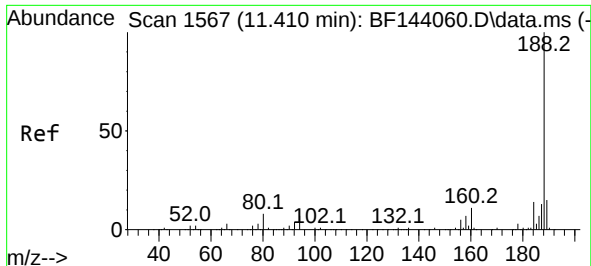


#45
2-Fluorobiphenyl
Concen: 84.656 ng
RT: 9.240 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57



Tgt Ion:172 Resp: 915894
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 23.6 19.0 28.6

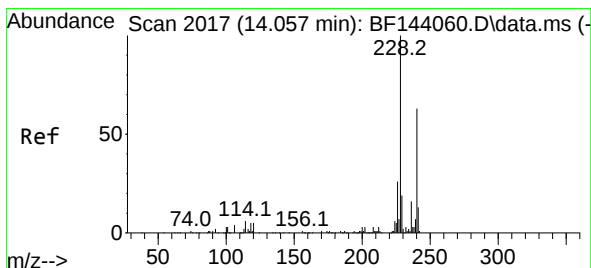
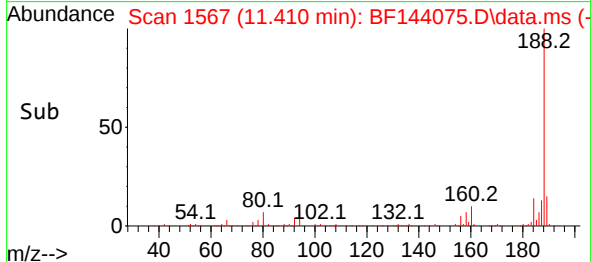
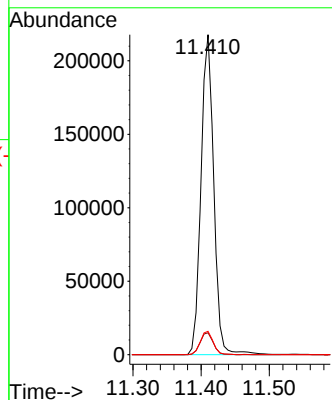
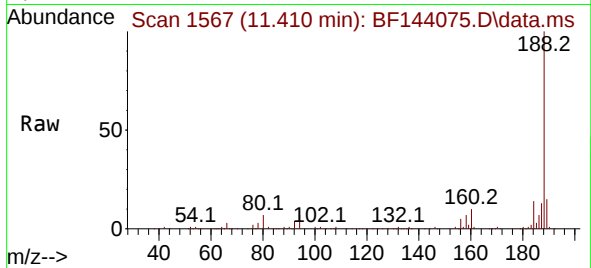




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

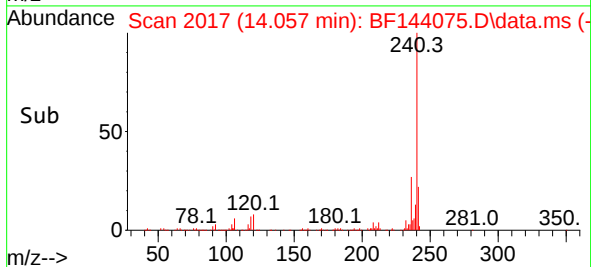
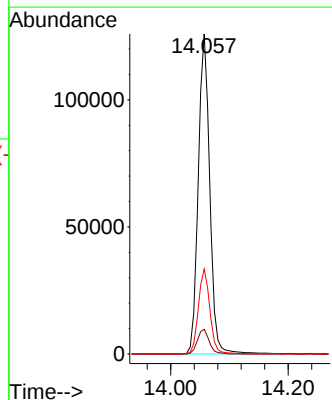
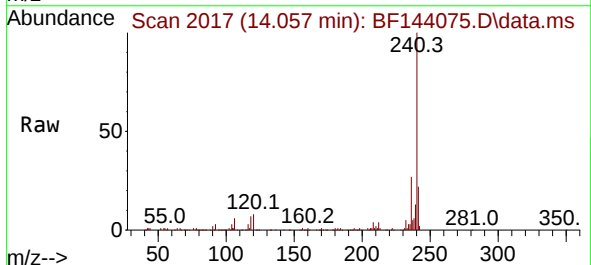
Instrument :
BNA_F
ClientSampleId :
PB170206BL

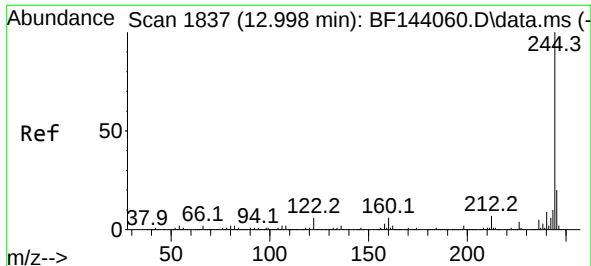
Tgt Ion:188 Resp: 283532
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.3 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion:240 Resp: 170424
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 26.6 20.1 30.1

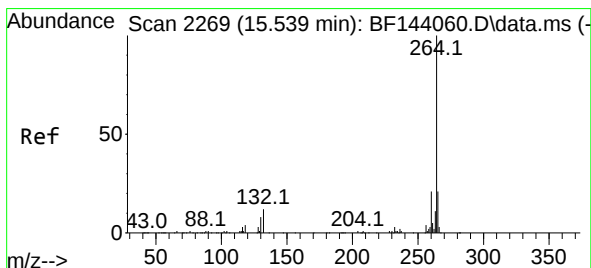
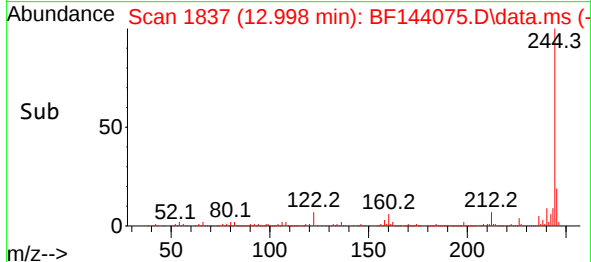
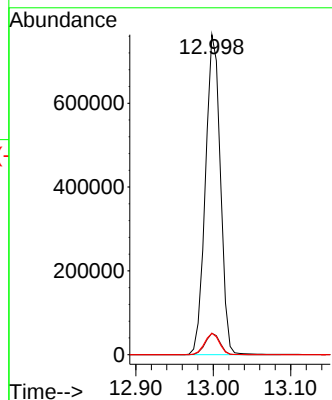
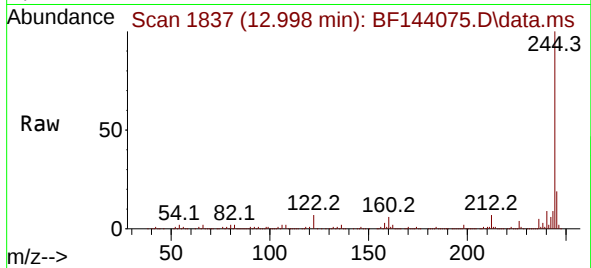




#79
 Terphenyl-d14
 Concen: 104.961 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144075.D
 Acq: 27 Oct 2025 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB170206BL

Tgt Ion:244 Resp: 1023205
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 6.7 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: BF144075.D
 Acq: 27 Oct 2025 10:57

Tgt Ion:264 Resp: 194021
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.0 25.4
 265 21.2 16.6 24.8

