

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142998.D
 Acq On : 03 Jul 2025 15:58
 Operator : RC/JU
 Sample : Q2458-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-06272025

Quant Time: Jul 03 16:21:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	74550	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	284157	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	150910	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	259289	20.000	ng	0.00
76) Chrysene-d12	14.051	240	148740	20.000	ng	0.00
86) Perylene-d12	15.545	264	177122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	293287	65.500	ng	0.00
7) Phenol-d6	6.498	99	216660	41.012	ng	-0.01
23) Nitrobenzene-d5	7.439	82	457582	88.327	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218827	140.909	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	961589	83.706	ng	-0.01
79) Terphenyl-d14	12.992	244	929825	86.375	ng	0.00

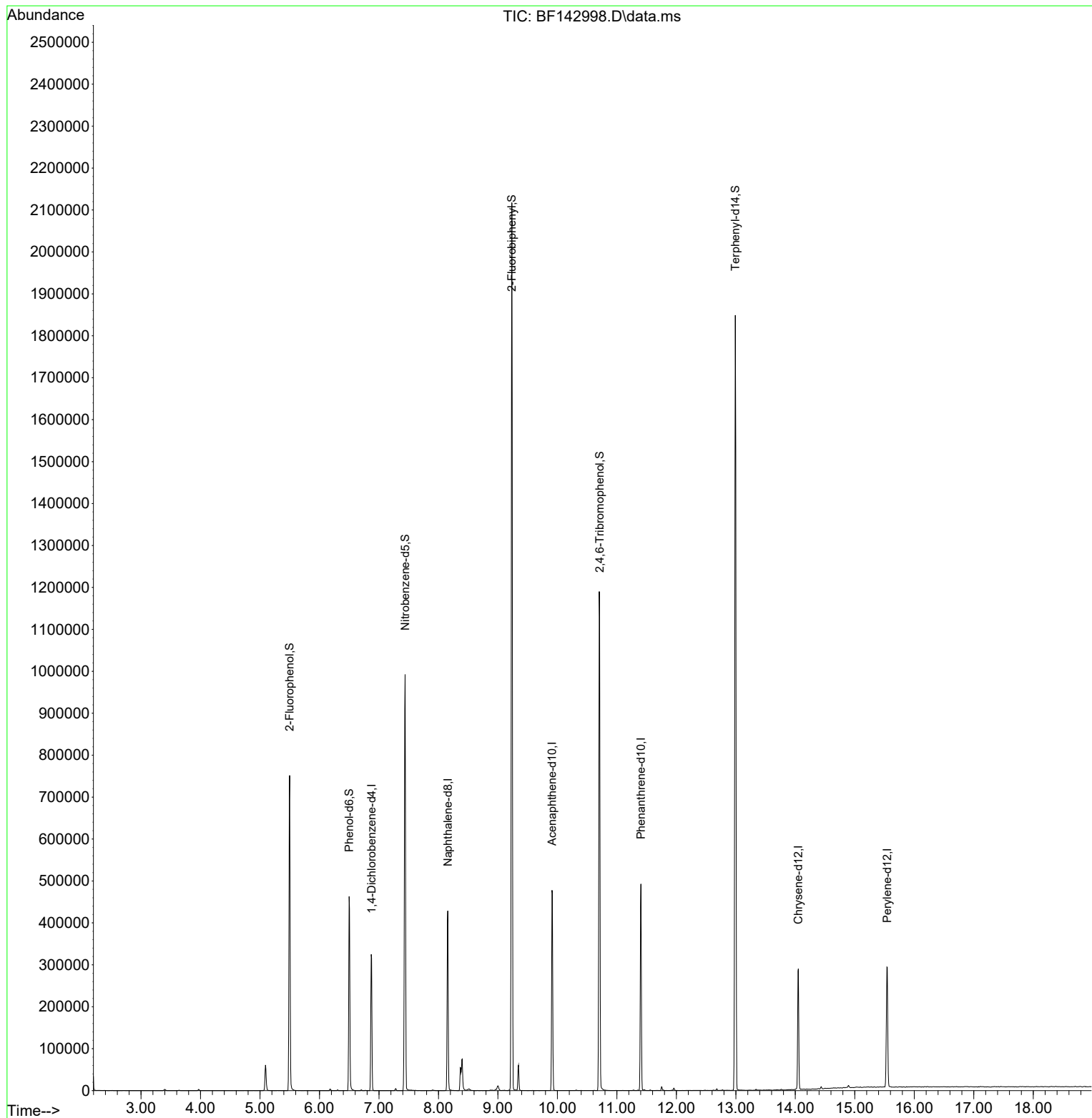
Target Compounds	Qvalue

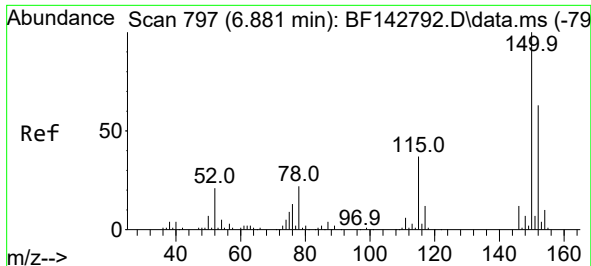
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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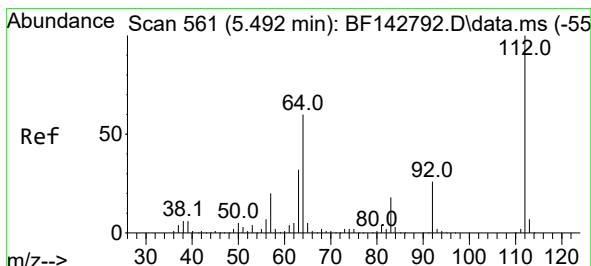
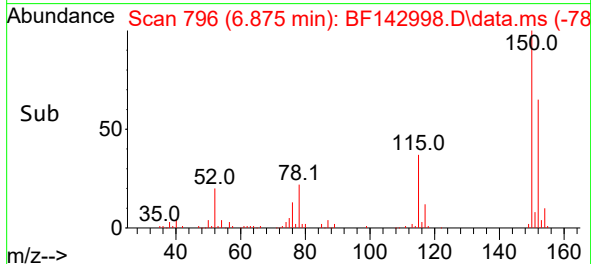
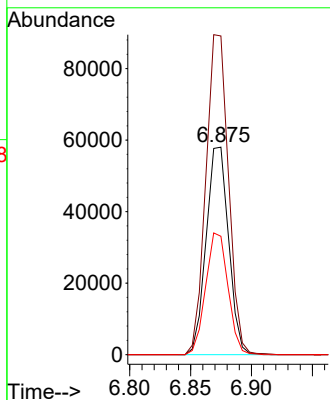
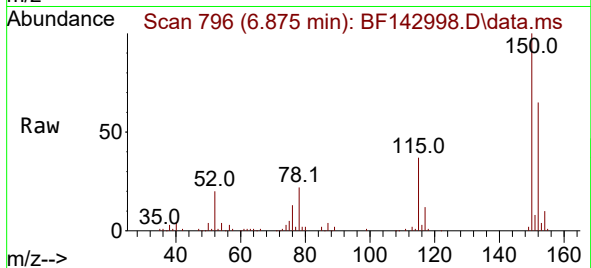




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

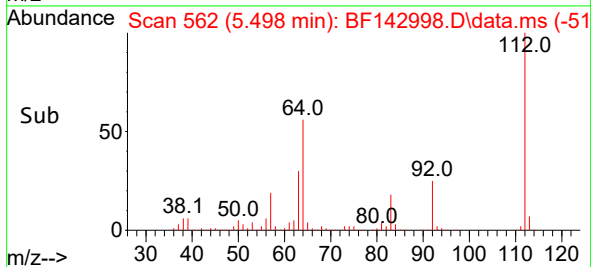
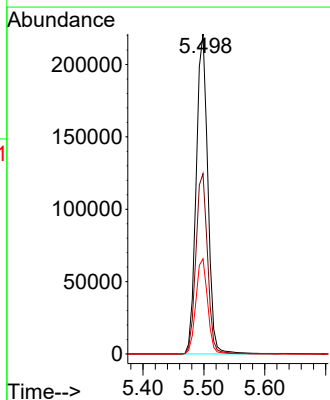
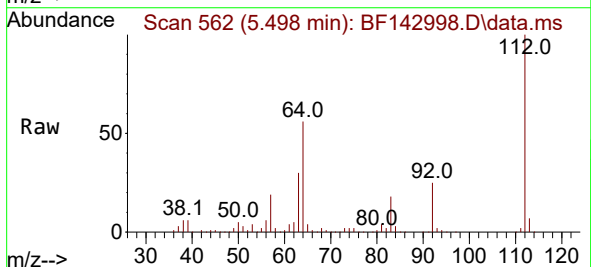
Instrument :
BNA_F
ClientSampleId :
FB-06272025

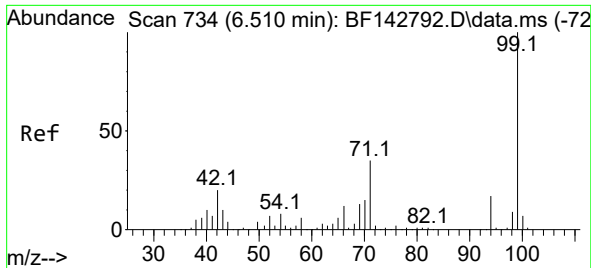
Tgt Ion:152 Resp: 74550
Ion Ratio Lower Upper
152 100
150 153.6 127.2 190.8
115 57.0 46.6 69.8



#5
2-Fluorophenol
Concen: 65.500 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

Tgt Ion:112 Resp: 293287
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.2
63 29.8 25.7 38.5

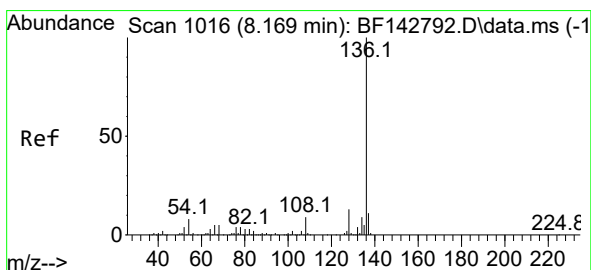
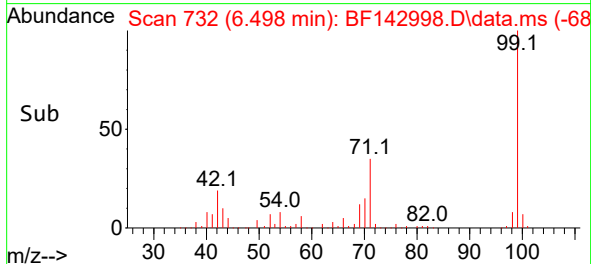
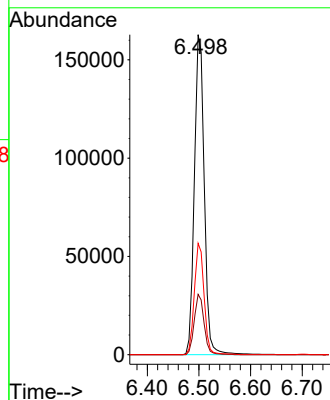
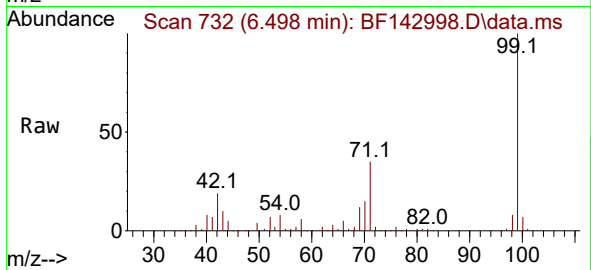




#7
Phenol-d6
Concen: 41.012 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

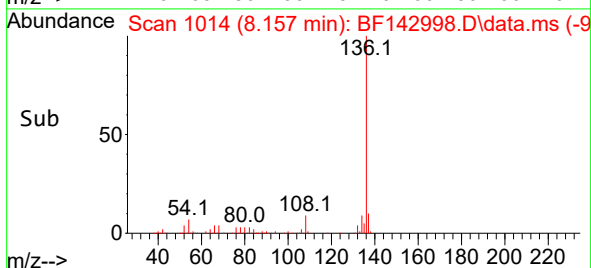
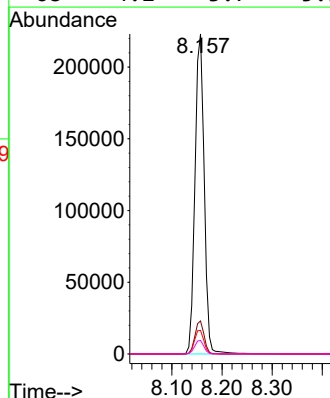
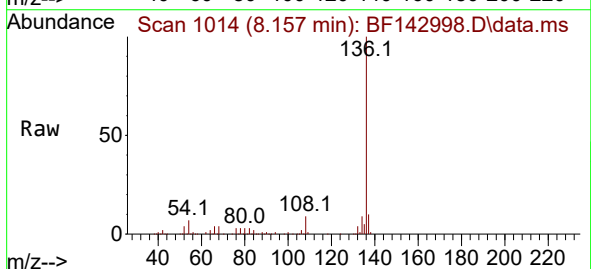
Instrument :
BNA_F
ClientSampleId :
FB-06272025

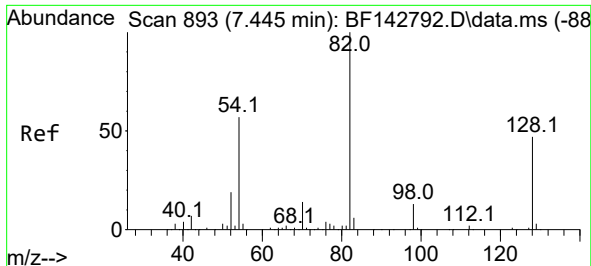
Tgt Ion: 99 Resp: 216660
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

Tgt Ion: 136 Resp: 284157
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.4 6.3 9.5
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.327 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142998.D

Acq: 03 Jul 2025 15:58

Instrument :

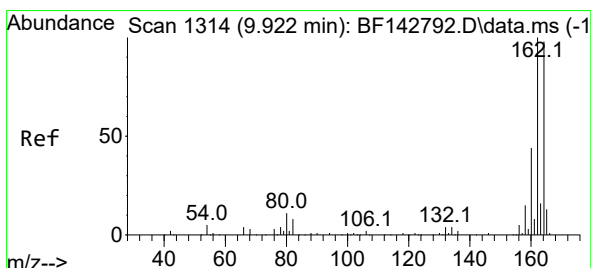
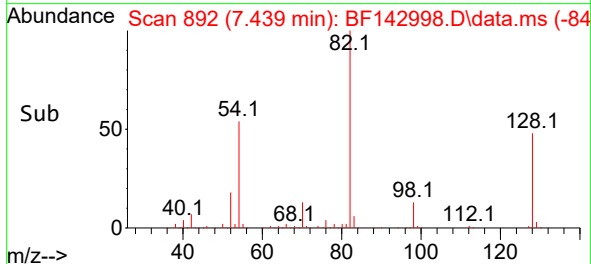
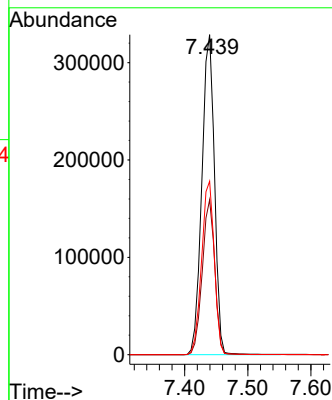
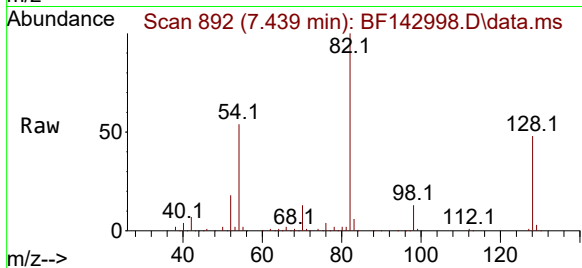
BNA_F

ClientSampleId :

FB-06272025

Tgt Ion: 82 Resp: 457582

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	54.2	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

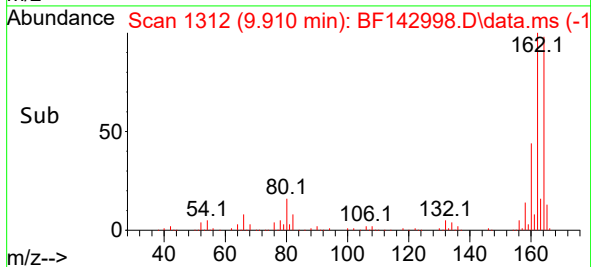
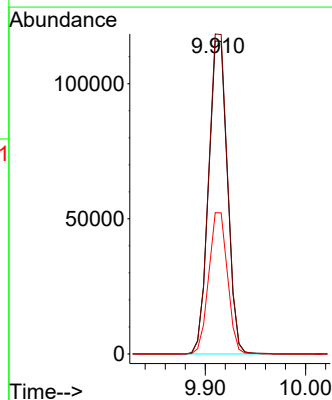
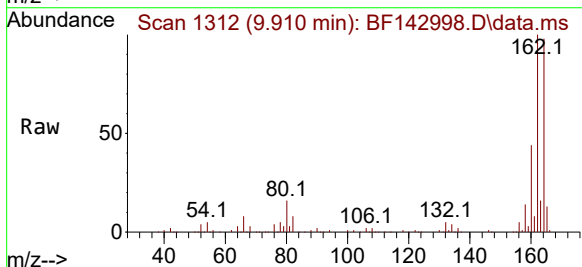
Delta R.T. -0.012 min

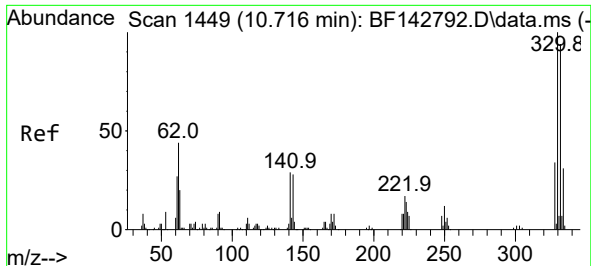
Lab File: BF142998.D

Acq: 03 Jul 2025 15:58

Tgt Ion:164 Resp: 150910

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	45.2	36.0	54.0

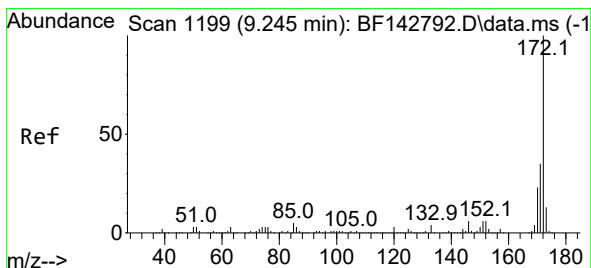
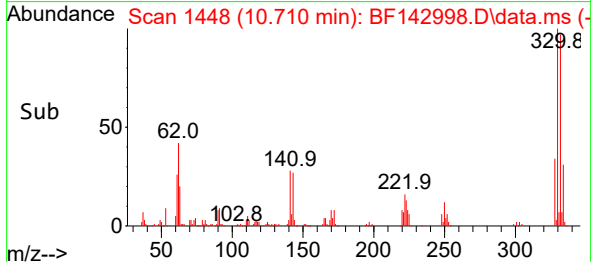
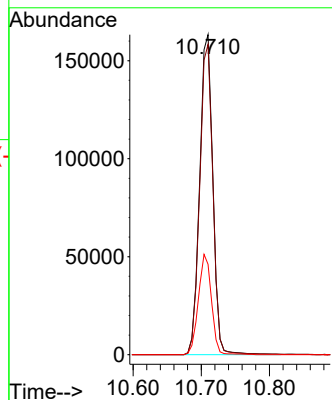
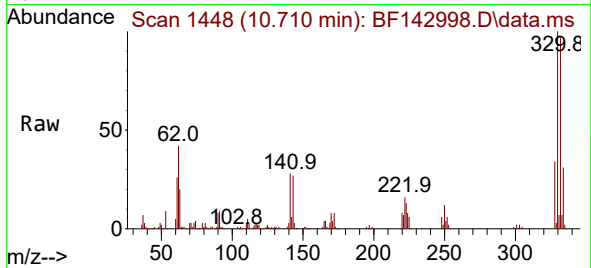




#42
2,4,6-Tribromophenol
Concen: 140.909 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

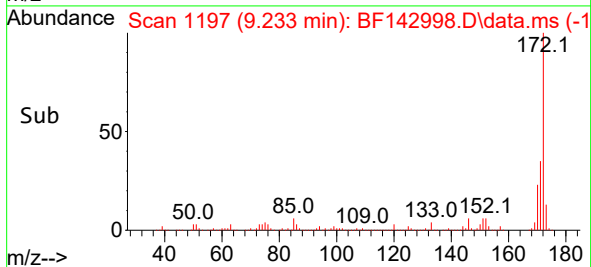
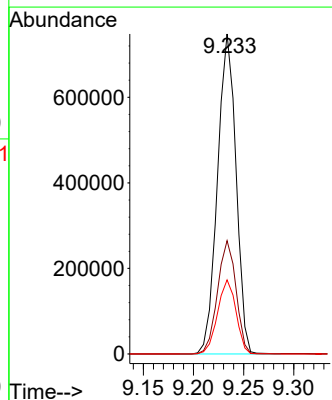
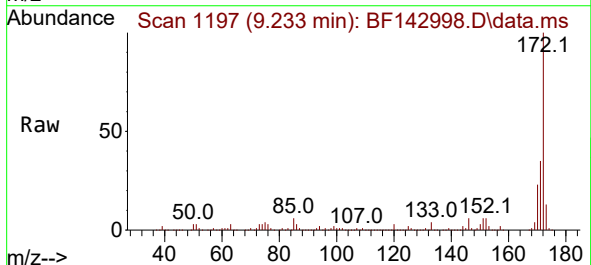
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ClientSampleId :
FB-06272025

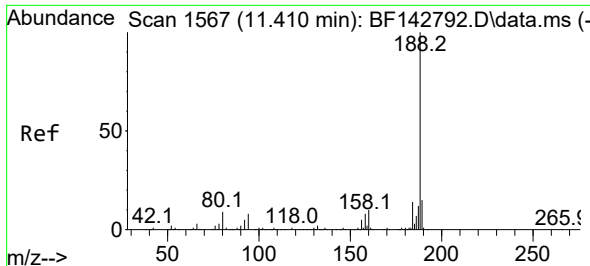
Tgt Ion:330 Resp: 218827
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 31.0 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 83.706 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

Tgt Ion:172 Resp: 961589
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7

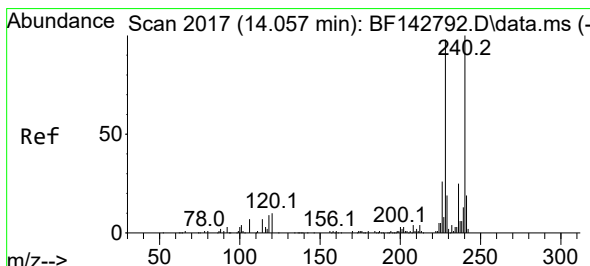
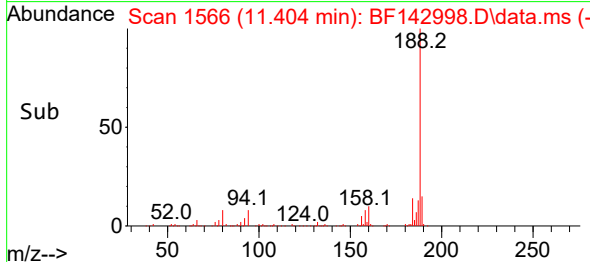
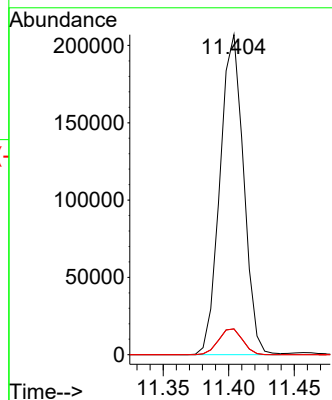
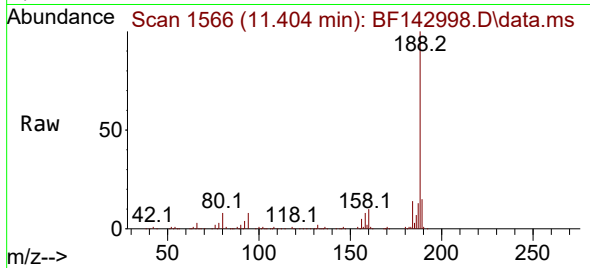




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

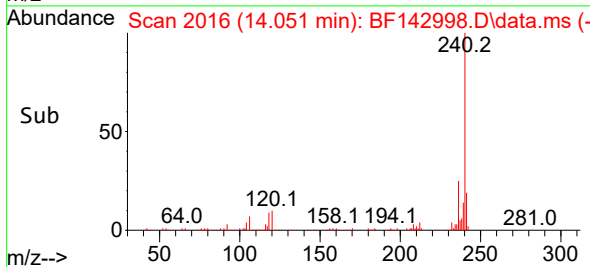
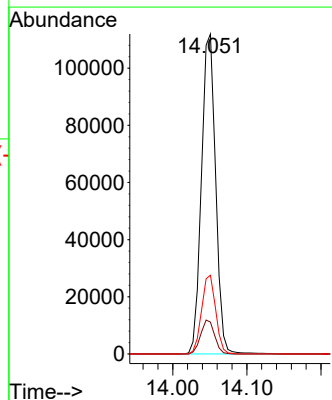
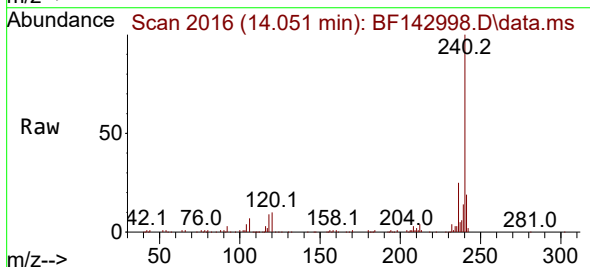
Instrument :
BNA_F
ClientSampleId :
FB-06272025

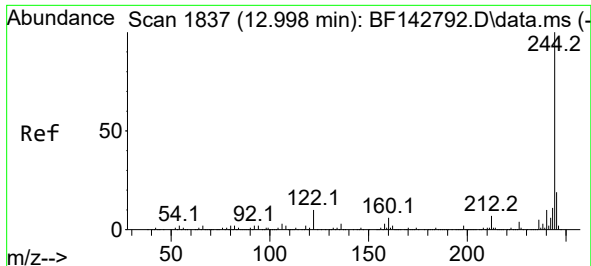
Tgt Ion:188 Resp: 259289
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142998.D
Acq: 03 Jul 2025 15:58

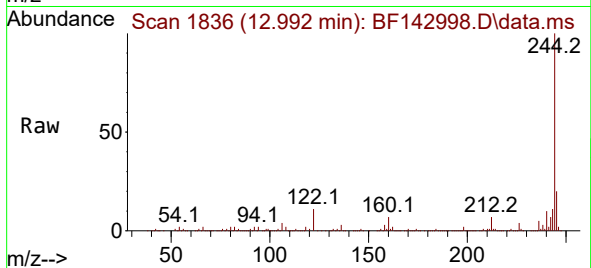
Tgt Ion:240 Resp: 148740
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.6 19.8 29.8



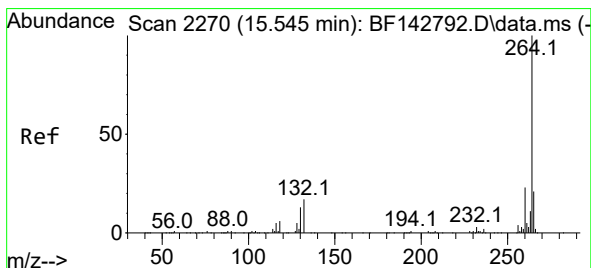
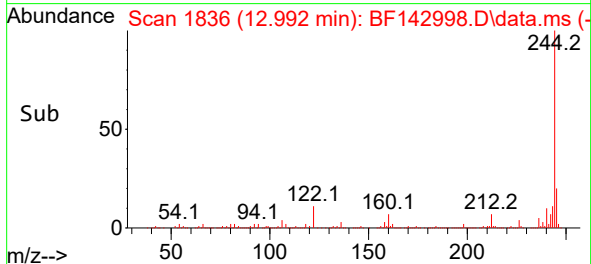
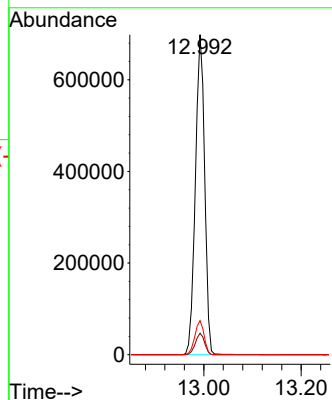


#79
 Terphenyl-d14
 Concen: 86.375 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142998.D
 Acq: 03 Jul 2025 15:58

Instrument :
 BNA_F
 ClientSampleId :
 FB-06272025



Tgt Ion:244 Resp: 929825
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142998.D
 Acq: 03 Jul 2025 15:58

Tgt Ion:264 Resp: 177122
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.1 27.1
 265 21.4 16.6 25.0

