

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142912.D
 Acq On : 30 Jun 2025 12:17
 Operator : RC/JU
 Sample : Q2430-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Quant Time: Jun 30 12:48:52 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	6.881	152	108047	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	421265	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	233509	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	430781	20.000	ng	0.00
76) Chrysene-d12	14.051	240	281490	20.000	ng	0.00
86) Perylene-d12	15.545	264	277942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	618331	95.280	ng	0.02
7) Phenol-d6	6.510	99	744523	97.241	ng	0.00
23) Nitrobenzene-d5	7.439	82	465313	60.586	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	229776	95.622	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	987398	55.549	ng	0.00
79) Terphenyl-d14	12.998	244	1138530	55.885	ng	0.00

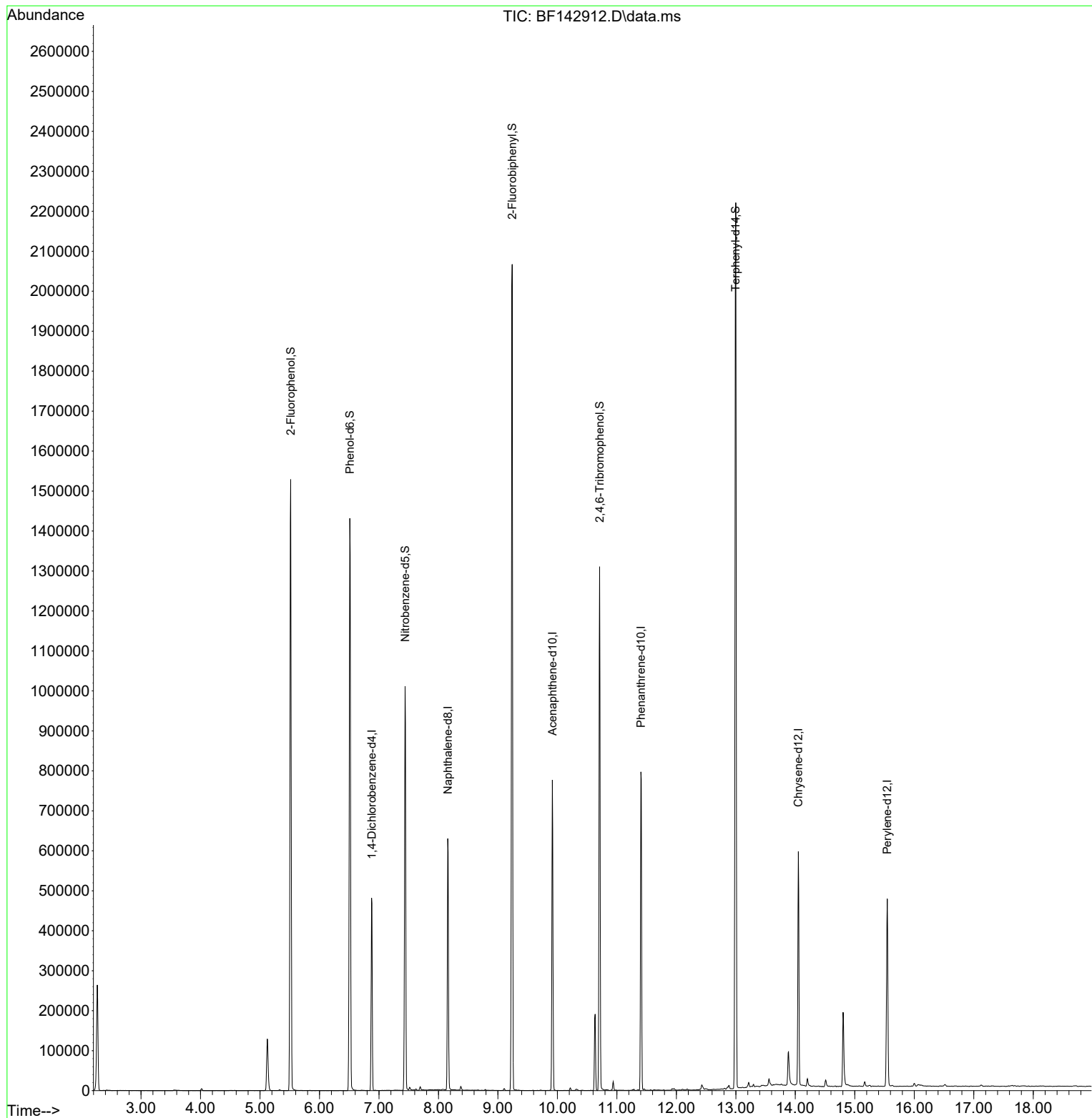
Target Compounds	Qvalue

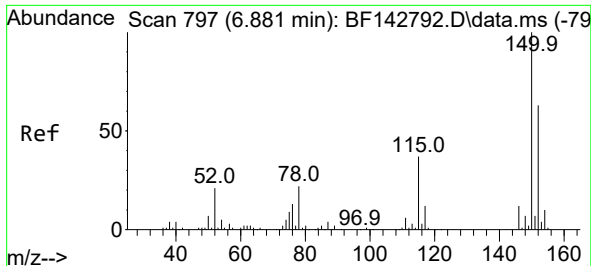
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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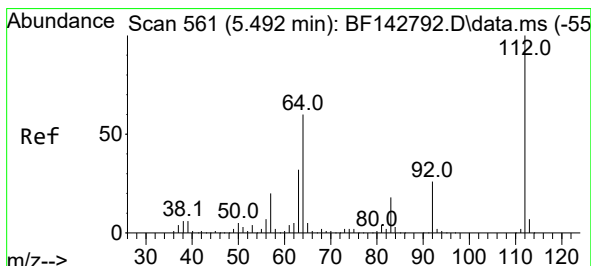
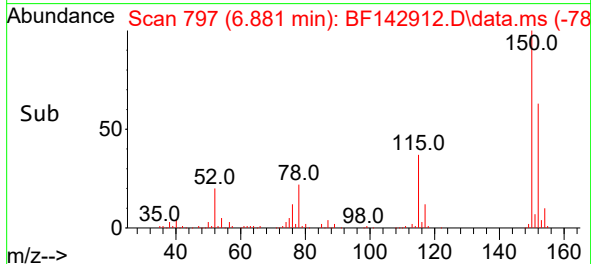
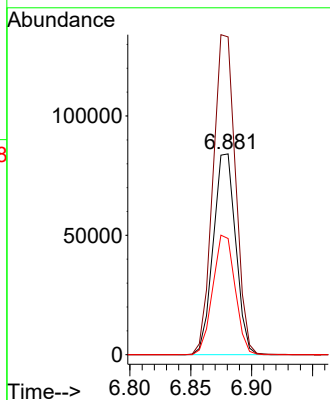
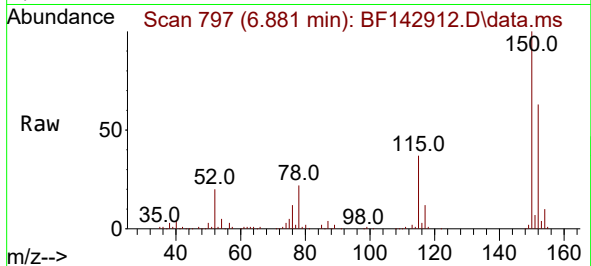




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

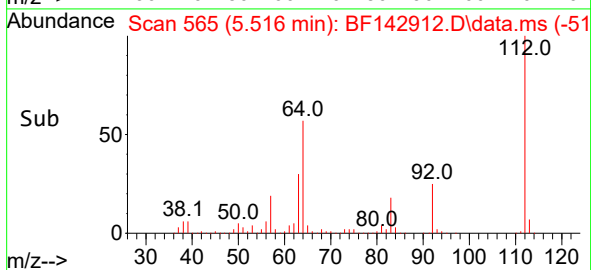
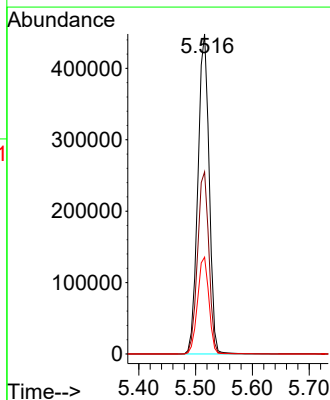
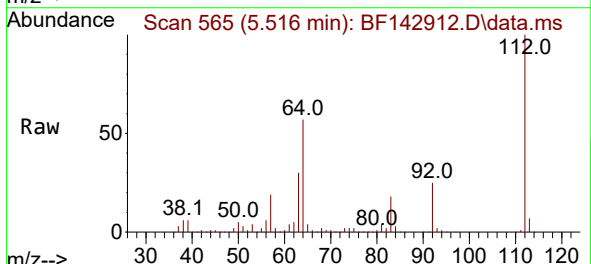
Instrument :
BNA_F
ClientSampleId :
MH-E/F

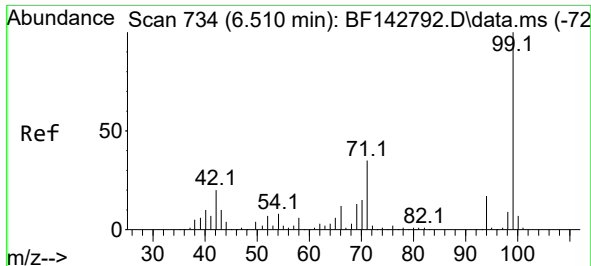
Tgt Ion:152 Resp: 108047
Ion Ratio Lower Upper
152 100
150 158.2 127.2 190.8
115 57.8 46.6 69.8



#5
2-Fluorophenol
Concen: 95.280 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

Tgt Ion:112 Resp: 618331
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.3 25.7 38.5

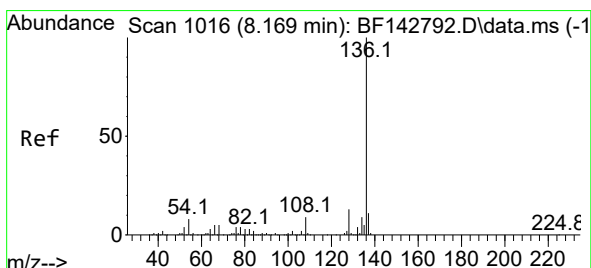
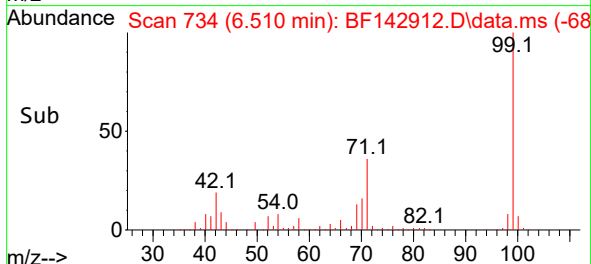
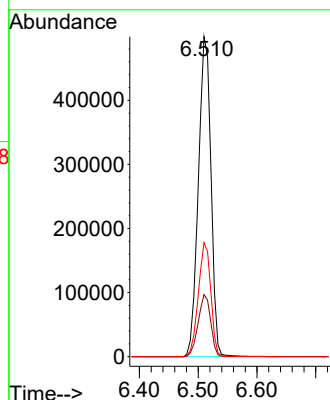
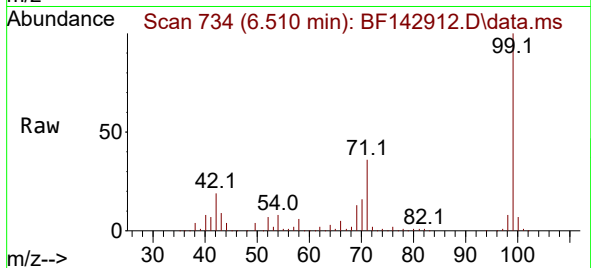




#7
Phenol-d6
Concen: 97.241 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

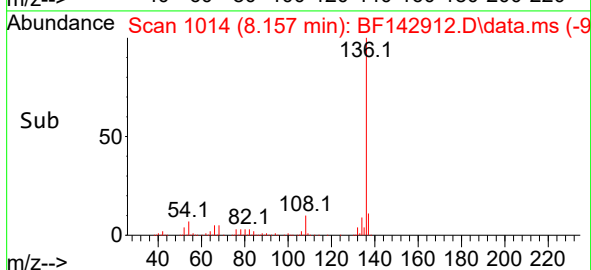
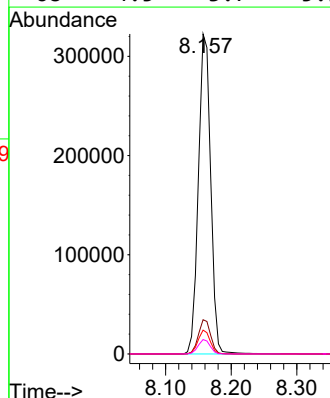
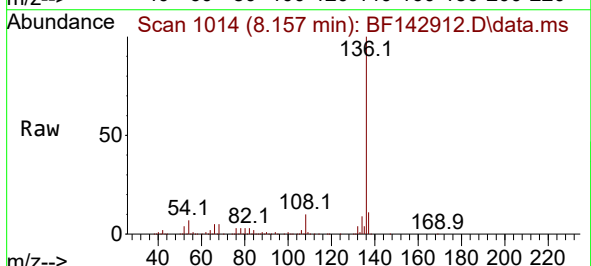
Instrument :
BNA_F
ClientSampleId :
MH-E/F

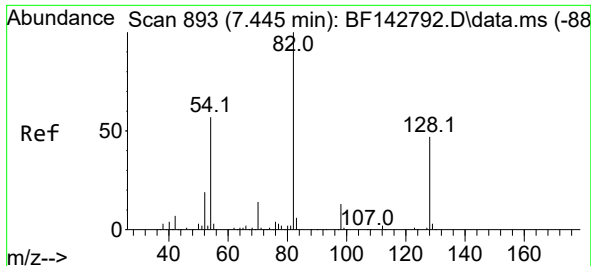
Tgt Ion: 99 Resp: 744523
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

Tgt Ion: 136 Resp: 421265
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 60.586 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142912.D

Acq: 30 Jun 2025 12:17

Instrument :

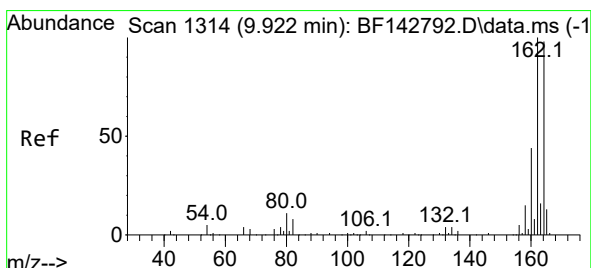
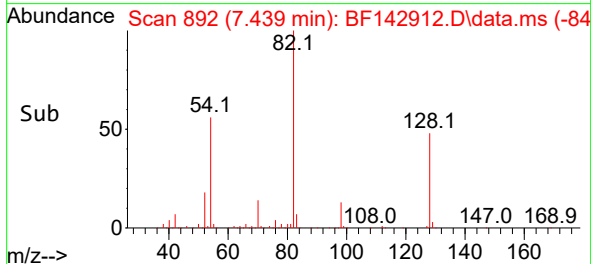
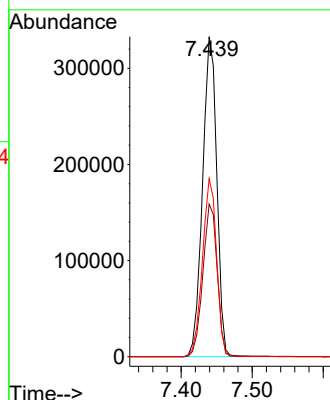
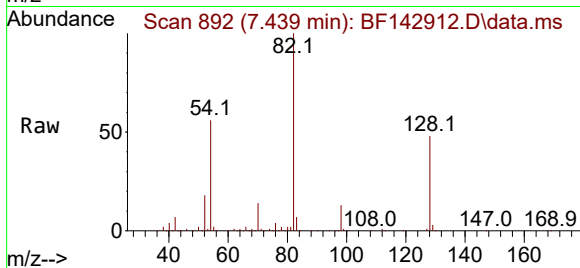
BNA_F

ClientSampleId :

MH-E/F

Tgt Ion: 82 Resp: 465313

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	55.7	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

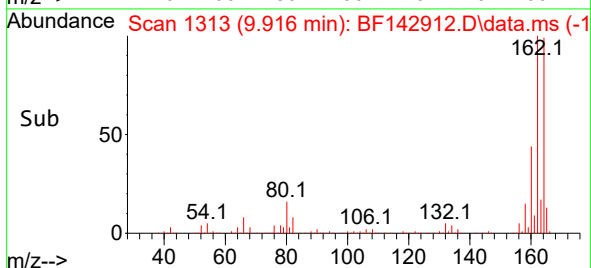
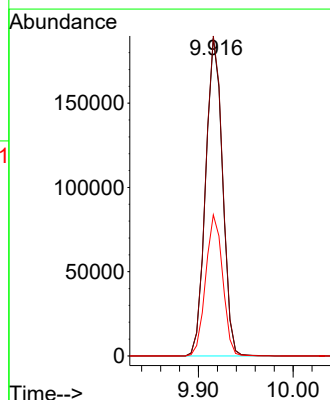
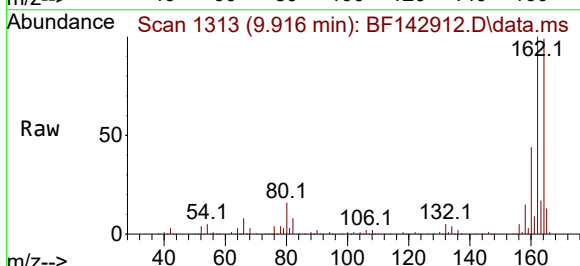
Delta R.T. -0.006 min

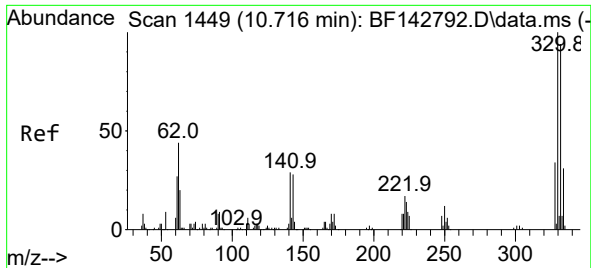
Lab File: BF142912.D

Acq: 30 Jun 2025 12:17

Tgt Ion:164 Resp: 233509

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.8
160	44.4	36.0	54.0

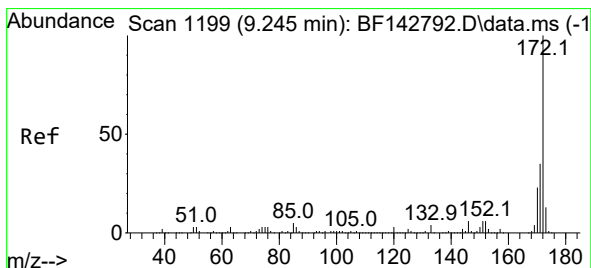
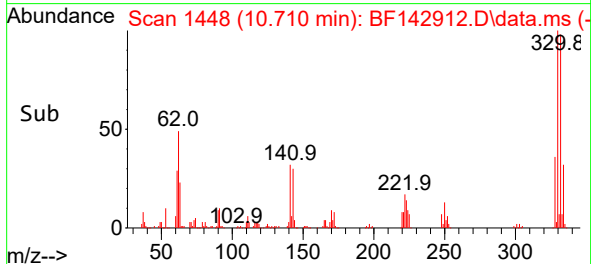
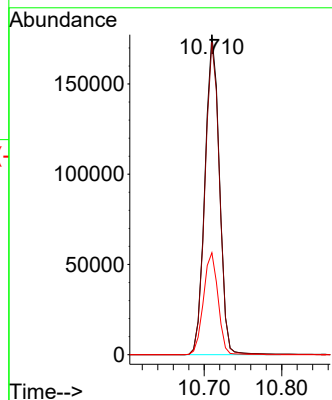
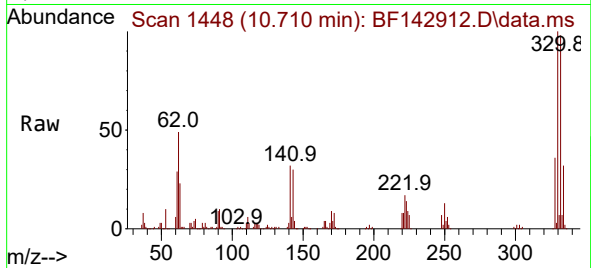




#42
2,4,6-Tribromophenol
Concen: 95.622 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

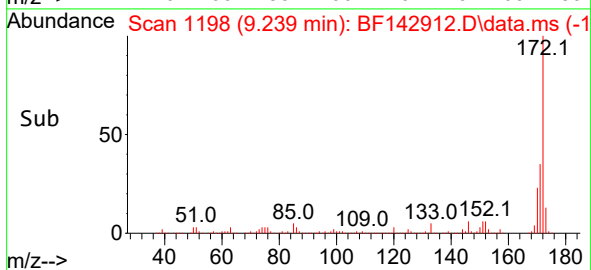
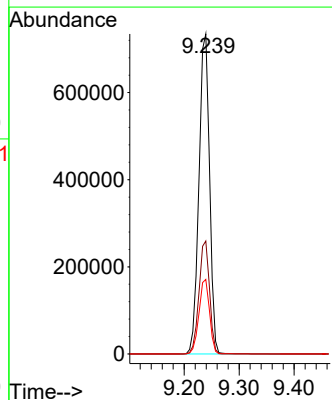
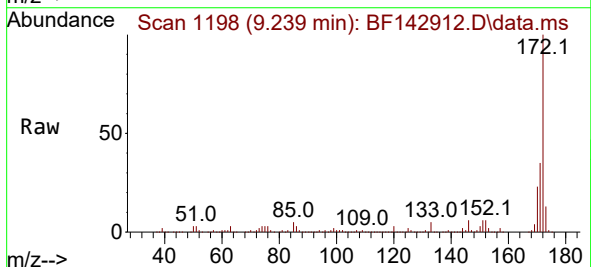
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ClientSampleId :
MH-E/F

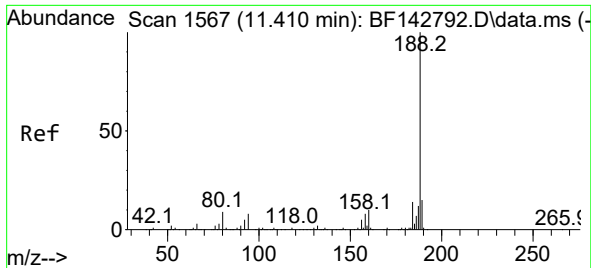
Tgt Ion:330 Resp: 229776
Ion Ratio Lower Upper
330 100
332 97.7 75.0 112.6
141 32.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 55.549 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

Tgt Ion:172 Resp: 987398
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.5 27.7

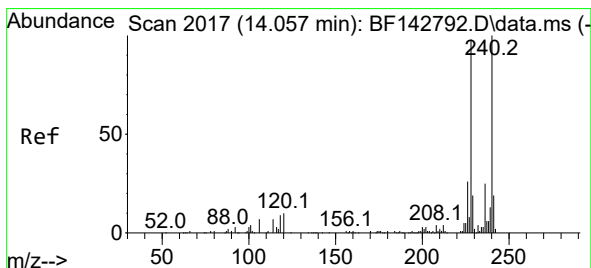
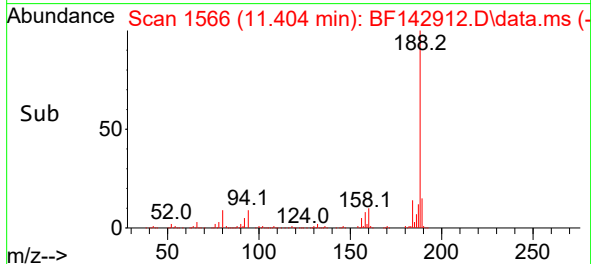
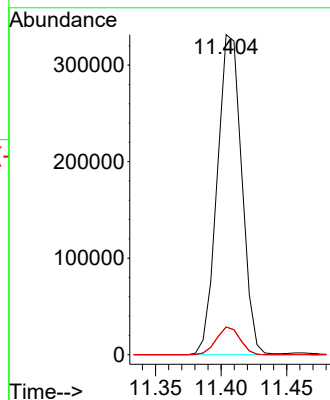
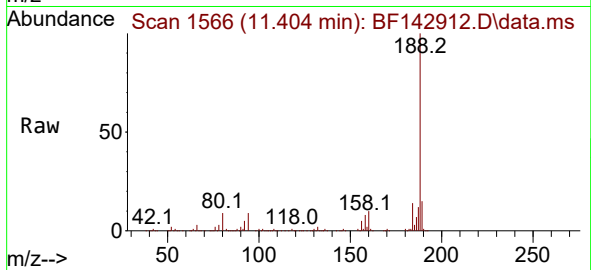




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

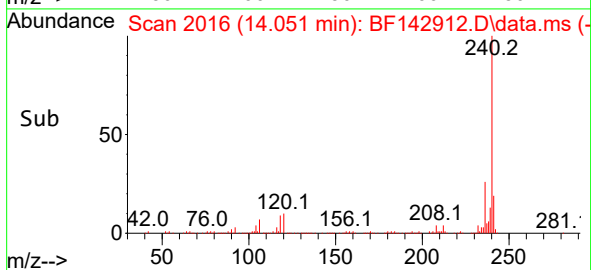
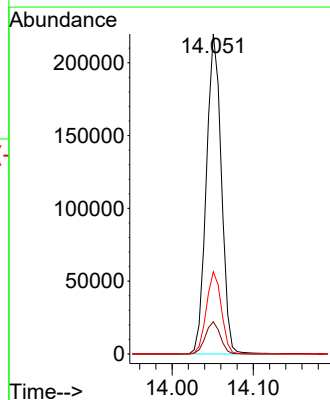
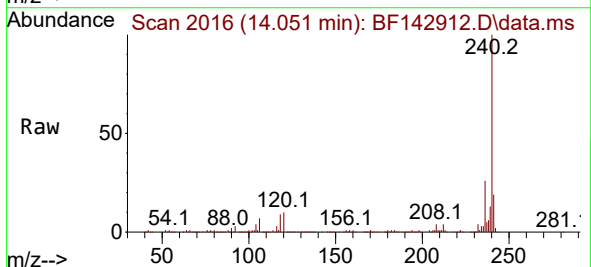
Instrument :
BNA_F
ClientSampleId :
MH-E/F

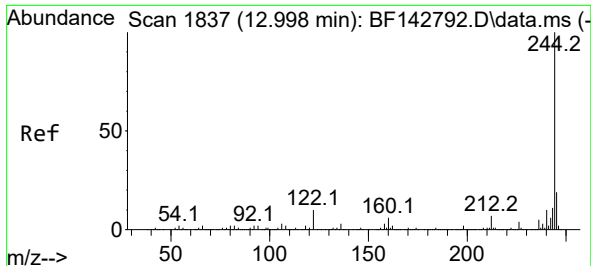
Tgt Ion:188 Resp: 430781
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142912.D
Acq: 30 Jun 2025 12:17

Tgt Ion:240 Resp: 281490
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.7 19.8 29.8

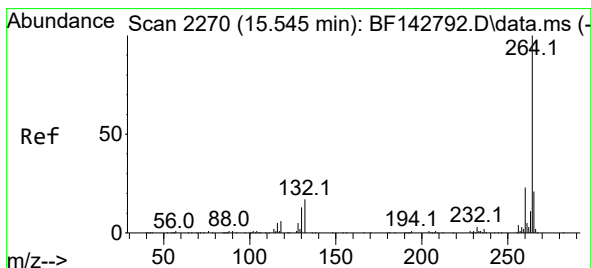
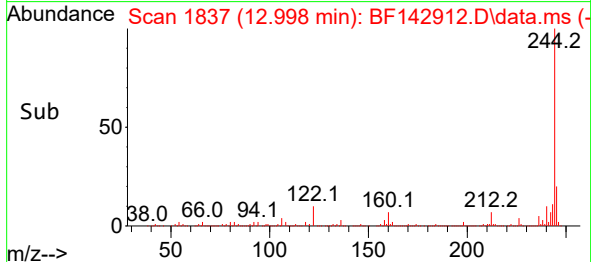
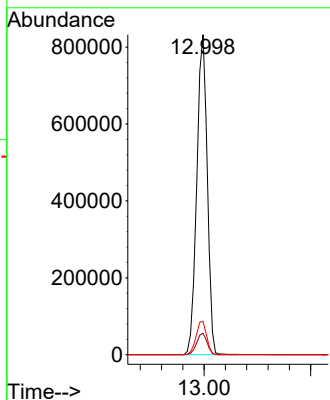
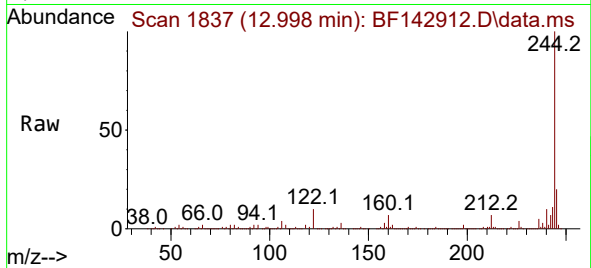




#79
 Terphenyl-d14
 Concen: 55.885 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142912.D
 Acq: 30 Jun 2025 12:17

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Tgt Ion:244 Resp: 1138530
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 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: BF142912.D
 Acq: 30 Jun 2025 12:17

Tgt Ion:264 Resp: 277942
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.6 16.6 25.0

