

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144113.D
 Acq On : 28 Oct 2025 21:12
 Operator : RC/JU
 Sample : Q3427-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Oct 29 05:47:04 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	74080	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279009	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	167913	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	308818	20.000	ng	0.00
76) Chrysene-d12	14.051	240	170446	20.000	ng	0.00
86) Perylene-d12	15.533	264	198506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	520176	111.093	ng	0.02
7) Phenol-d6	6.510	99	543412	105.085	ng	0.00
23) Nitrobenzene-d5	7.439	82	458115	89.957	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	320789	149.979	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	988352	82.830	ng	0.00
79) Terphenyl-d14	12.998	244	1155809	118.548	ng	0.00

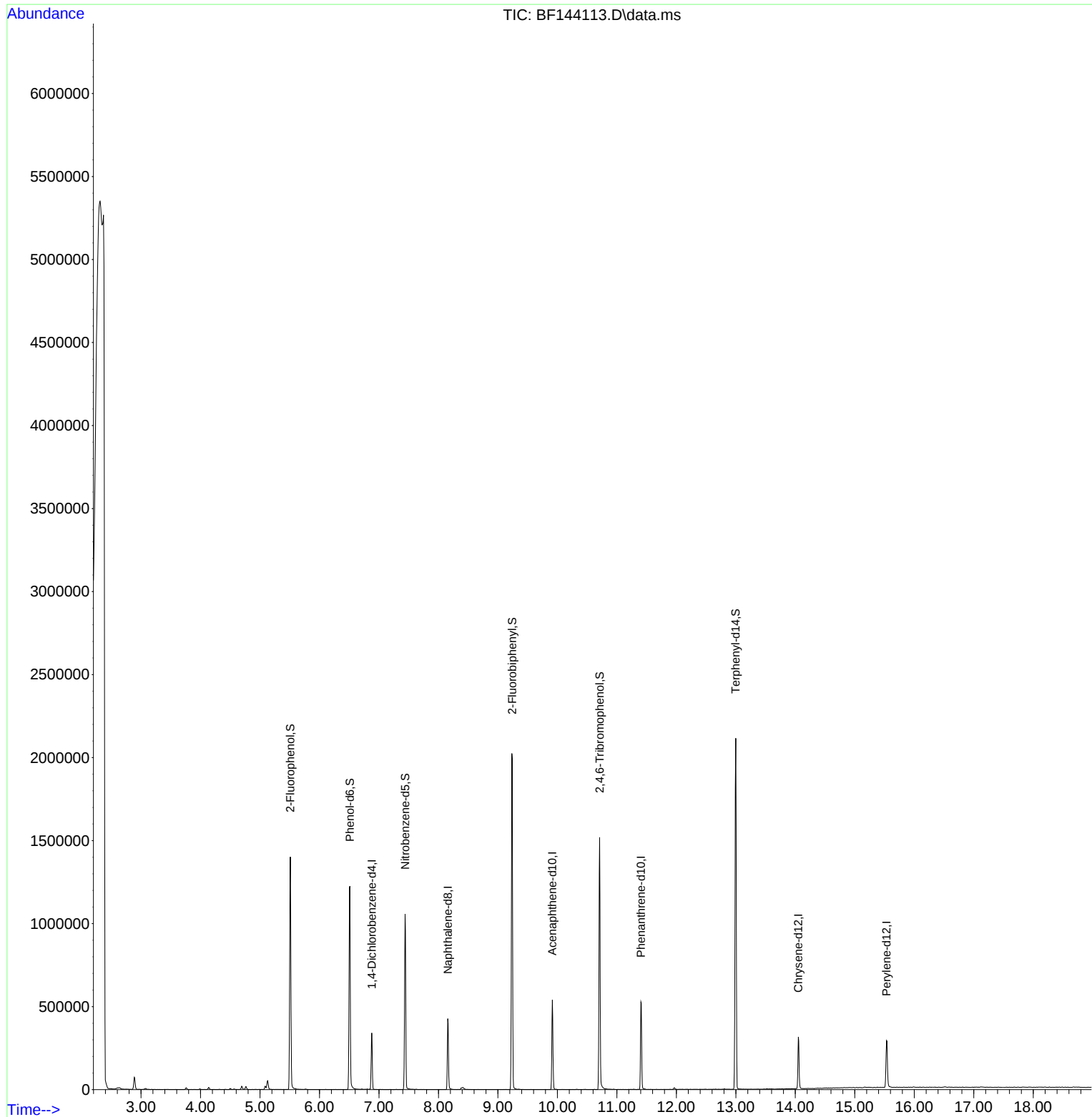
Target Compounds	Qvalue

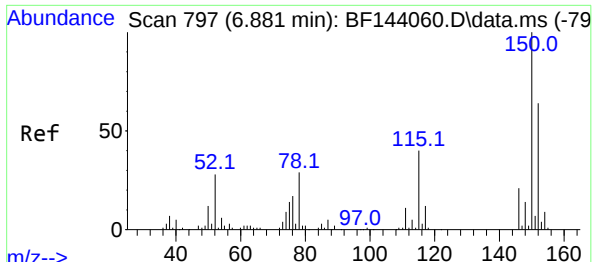
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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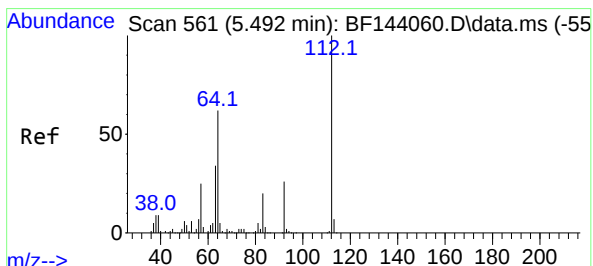
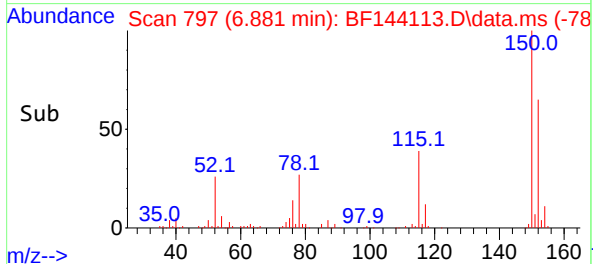
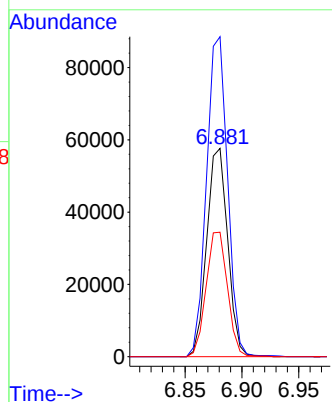
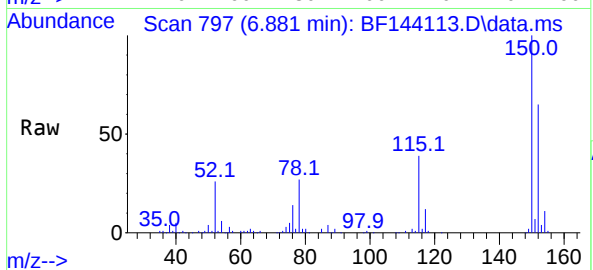




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

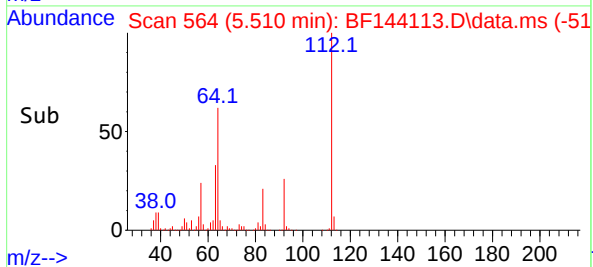
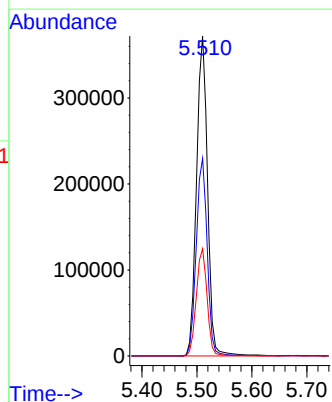
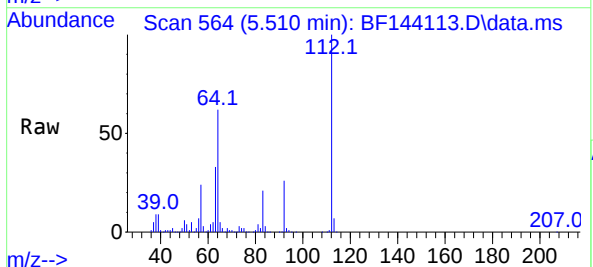
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 74080
Ion Ratio Lower Upper
152 100
150 153.6 124.4 186.6
115 59.8 49.4 74.0



#5
2-Fluorophenol
Concen: 111.093 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

Tgt Ion:112 Resp: 520176
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.8
63 33.5 27.4 41.2





#7
Phenol-d6
Concen: 105.085 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

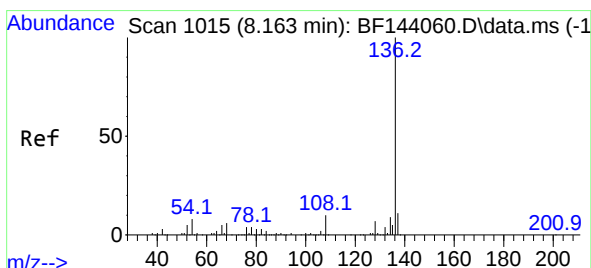
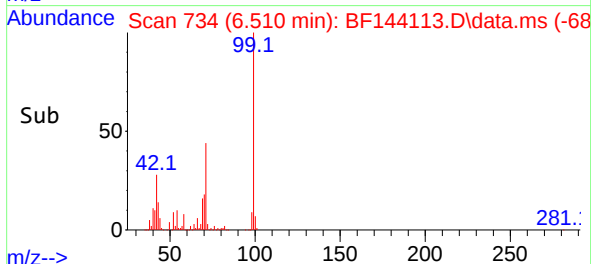
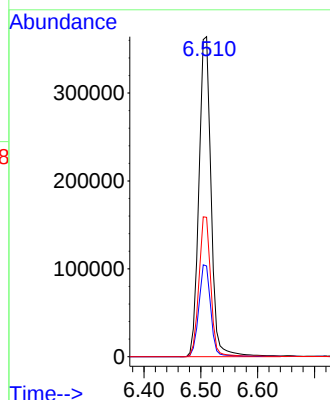
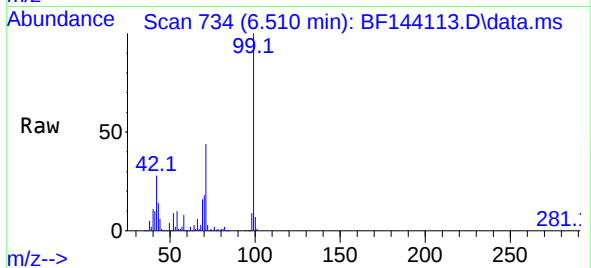
Instrument :

BNA_F

ClientSampleId :

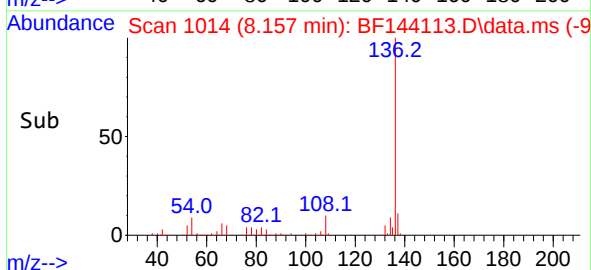
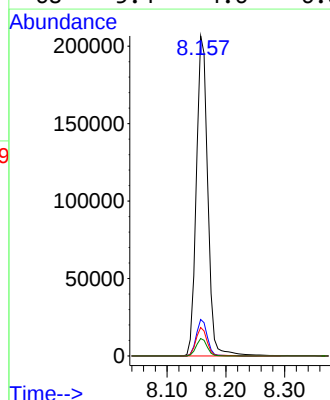
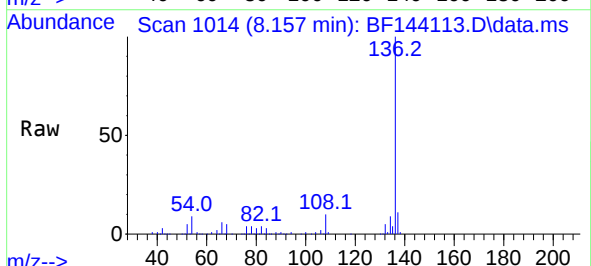
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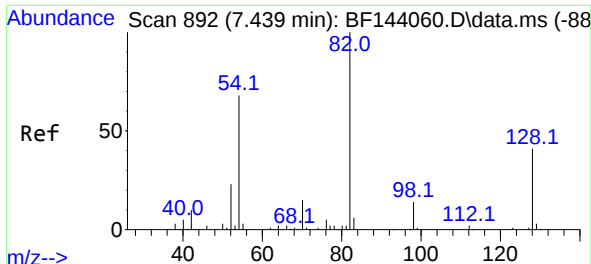
Tgt Ion: 99 Resp: 543412
Ion Ratio Lower Upper
99 100
42 28.4 23.9 35.9
71 43.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

Tgt Ion:136 Resp: 279009
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.9 6.6 9.8
68 5.4 4.6 6.8

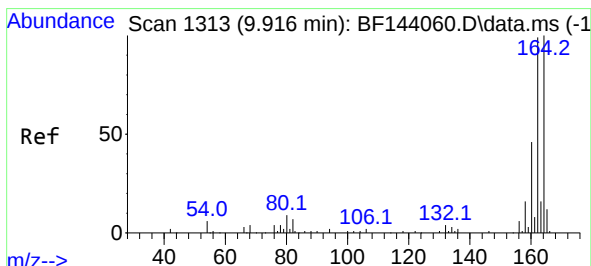
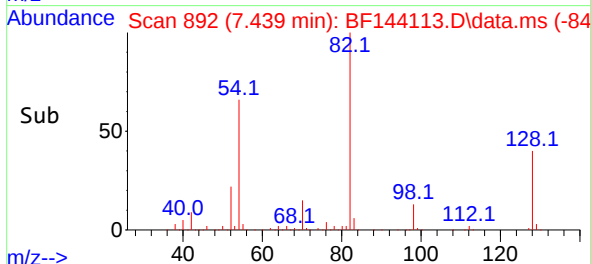
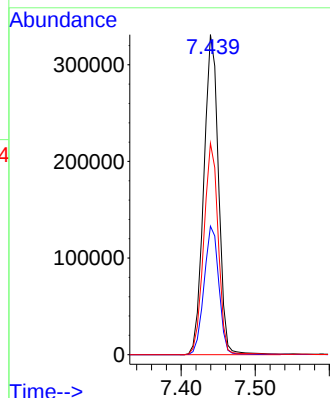
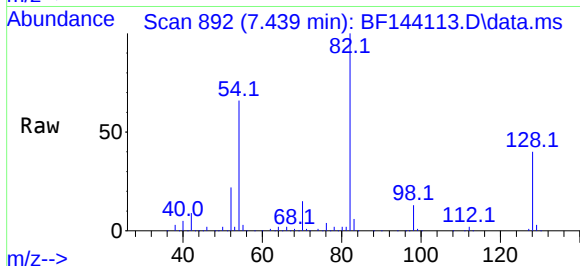




#23
Nitrobenzene-d5
Concen: 89.957 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

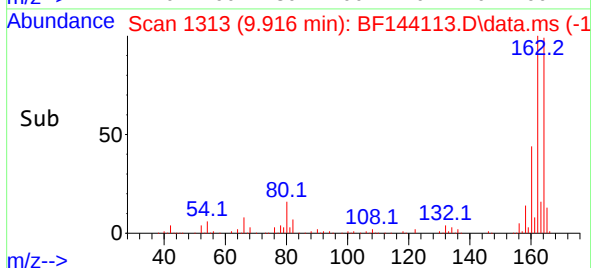
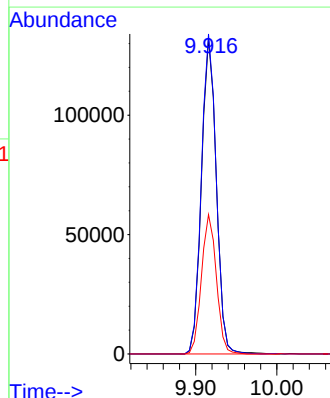
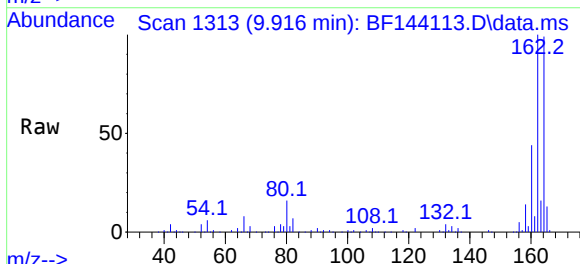
Instrument :
BNA_F
ClientSampleId :
TP-8

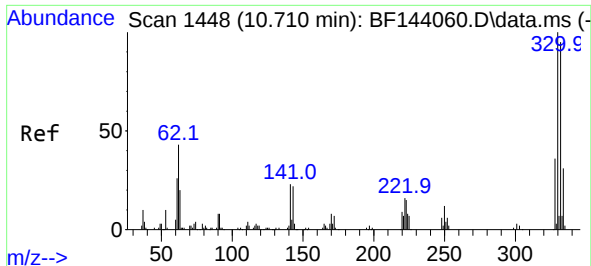
Tgt Ion: 82 Resp: 458115
Ion Ratio Lower Upper
82 100
128 40.2 32.4 48.6
54 66.1 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

Tgt Ion:164 Resp: 167913
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.979 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144113.D

Acq: 28 Oct 2025 21:12

Instrument :

BNA_F

ClientSampleId :

TP-8

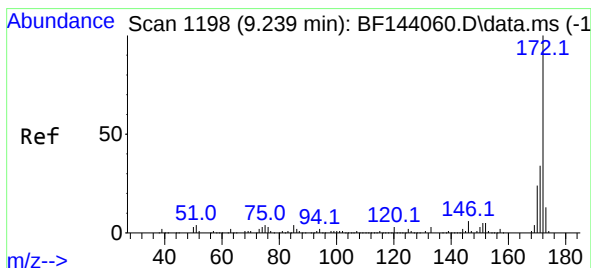
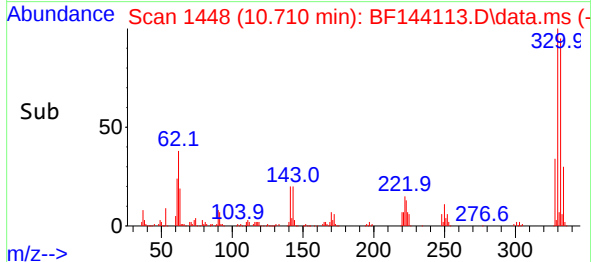
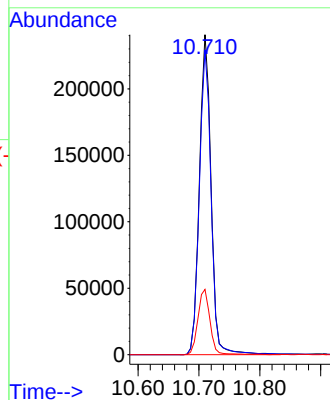
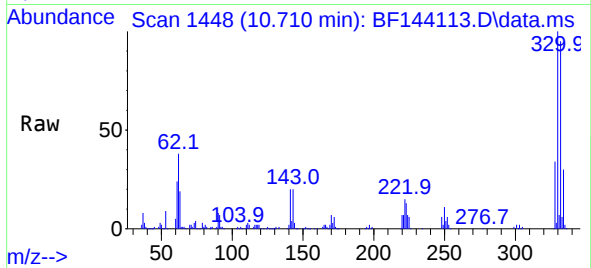
Tgt Ion:330 Resp: 320789

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 21.1 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 82.830 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144113.D

Acq: 28 Oct 2025 21:12

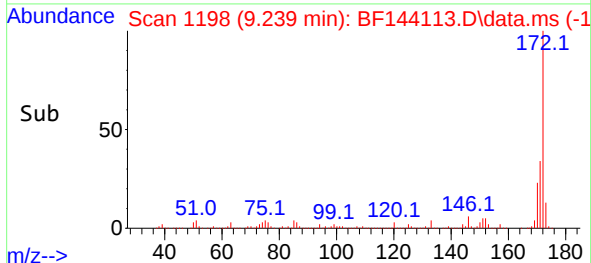
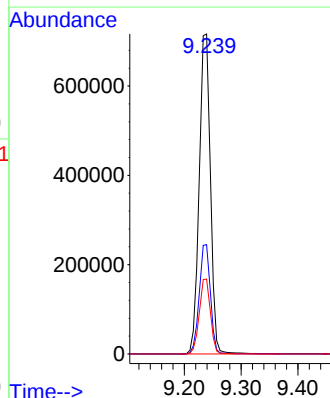
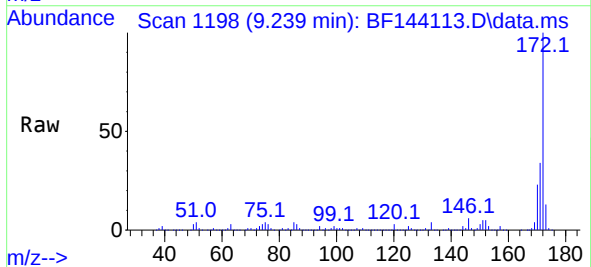
Tgt Ion:172 Resp: 988352

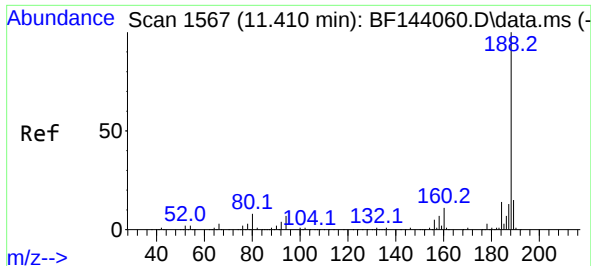
Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

170 23.4 19.0 28.6

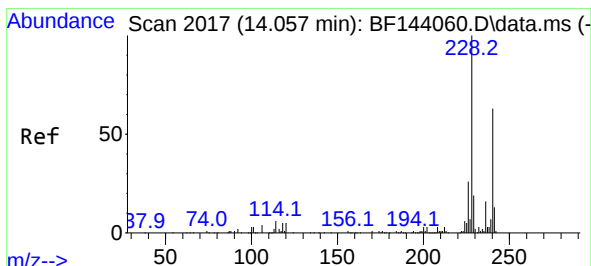
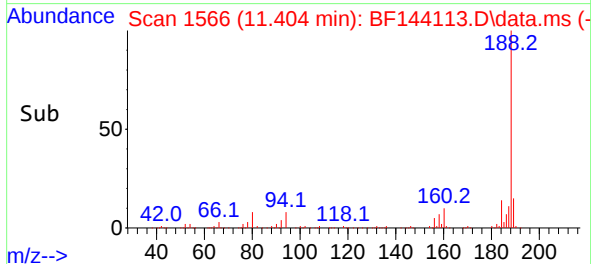
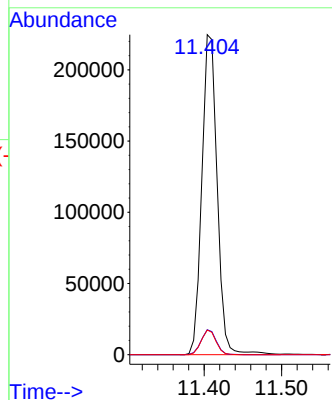
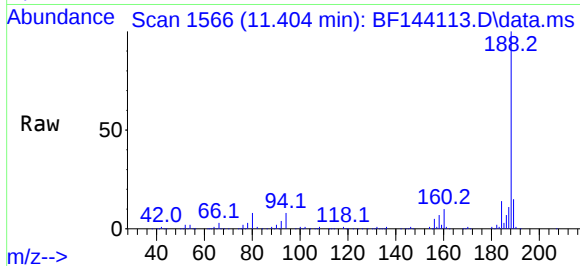




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

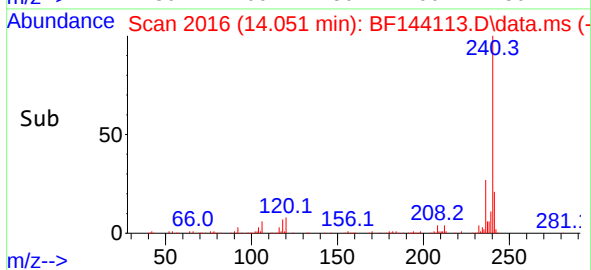
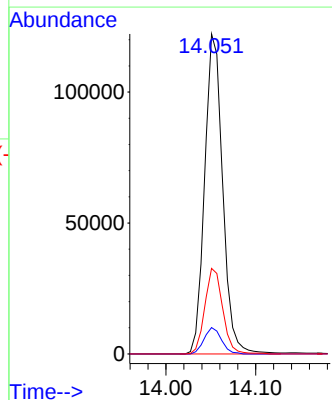
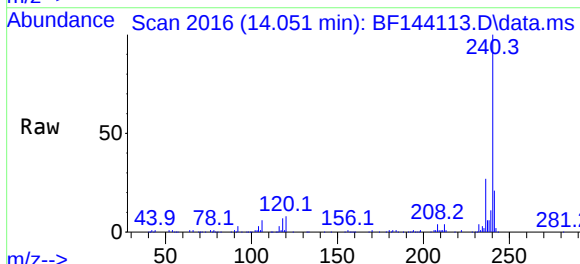
Instrument :
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ClientSampleId :
TP-8

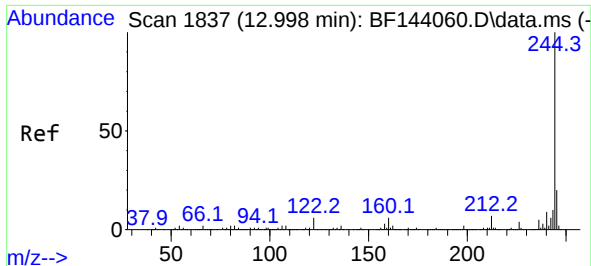
Tgt Ion:188 Resp: 308818
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 7.7 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144113.D
Acq: 28 Oct 2025 21:12

Tgt Ion:240 Resp: 170446
Ion Ratio Lower Upper
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120 8.3 6.5 9.7
236 26.8 20.1 30.1

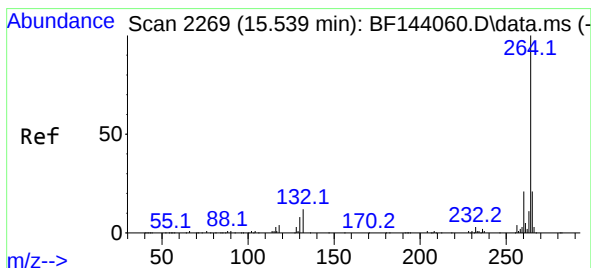
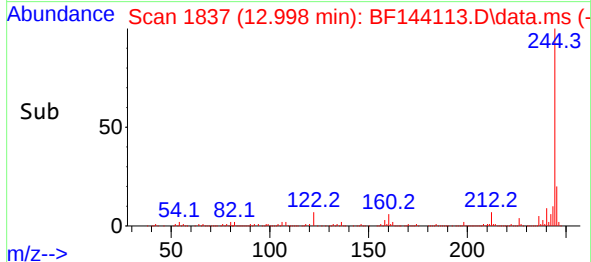
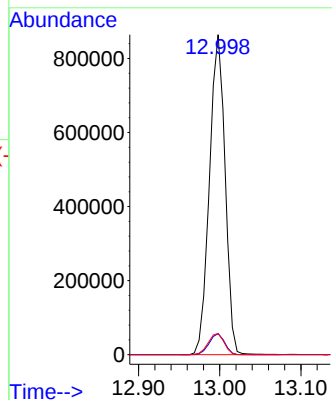
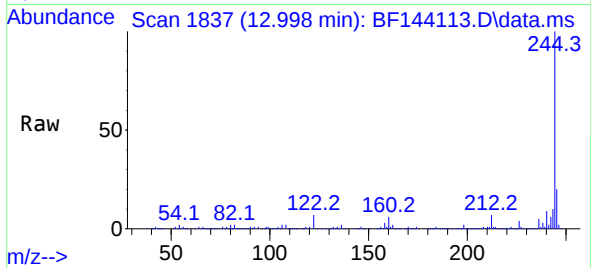




#79
 Terphenyl-d14
 Concen: 118.548 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144113.D
 Acq: 28 Oct 2025 21:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 1155809
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.6 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144113.D
 Acq: 28 Oct 2025 21:12

Tgt Ion:264 Resp: 198506
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.0 25.4
 265 22.3 16.6 24.8

