

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
 Data File : BN037480.D
 Acq On : 11 Jul 2025 19:06
 Operator : RC/JU
 Sample : PB168721BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168721BL

Quant Time: Jul 11 22:42:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1791	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4101	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	1834	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3150	0.400	ng	0.00
29) Chrysene-d12	21.286	240	2345	0.400	ng	0.00
35) Perylene-d12	23.525	264	2240	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1446	0.347	ng	0.00
5) Phenol-d6	6.894	99	1734	0.331	ng	0.00
8) Nitrobenzene-d5	8.865	82	1133	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1968	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	109	0.175	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4339	0.414	ng	0.00
27) Fluoranthene-d10	19.132	212	2821	0.355	ng	0.00
31) Terphenyl-d14	19.736	244	1984	0.405	ng	0.00

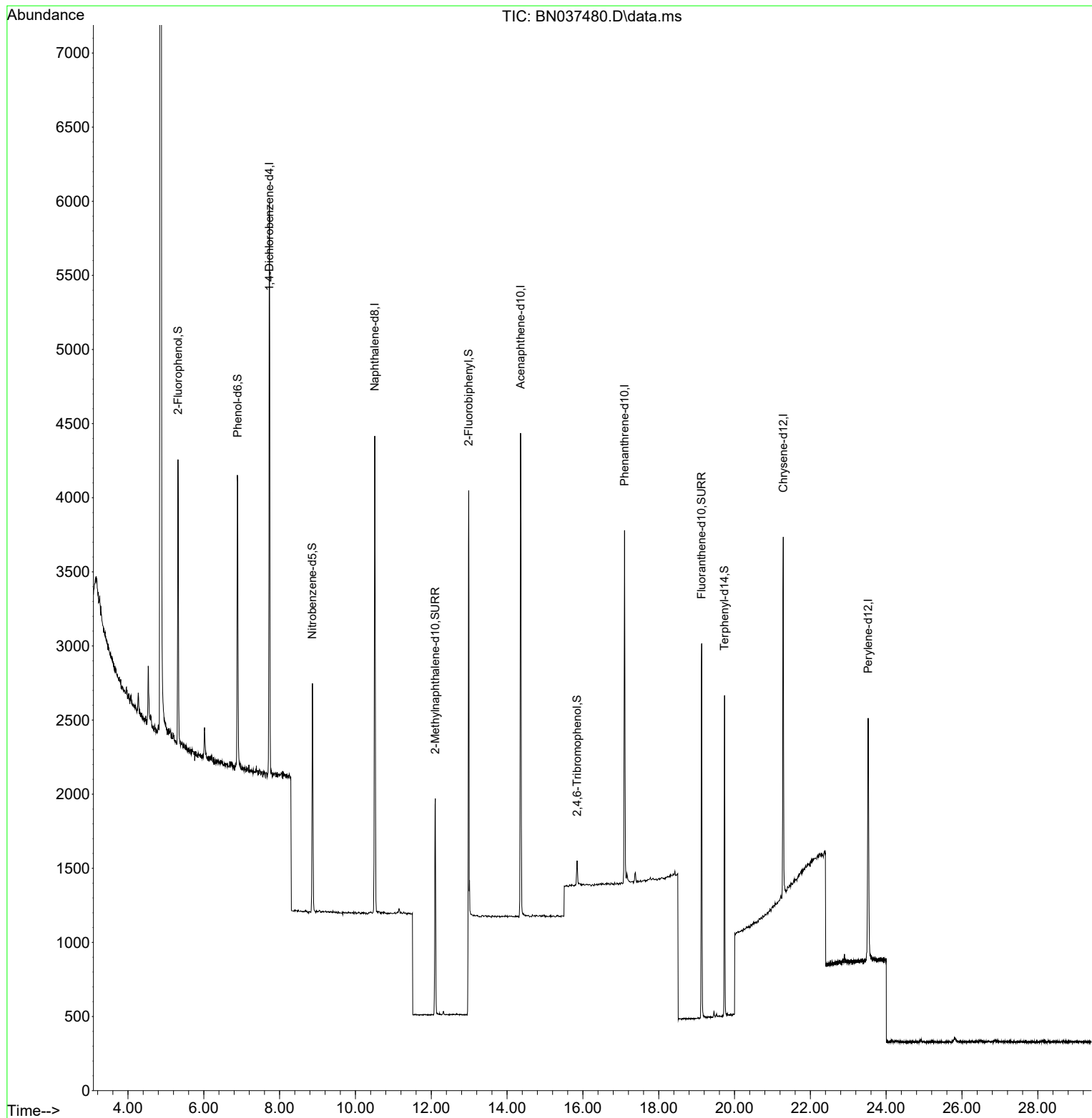
Target Compounds	Qvalue
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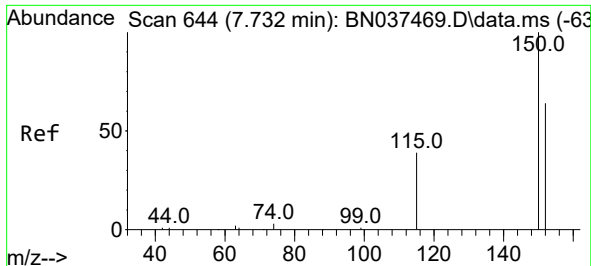
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
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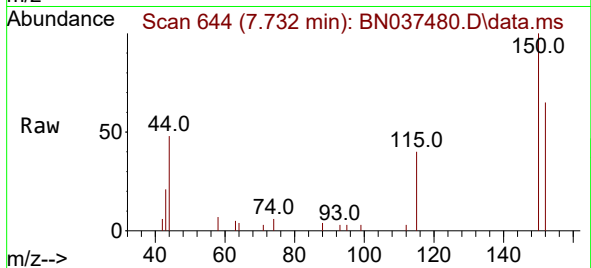
Quant Time: Jul 11 22:42:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



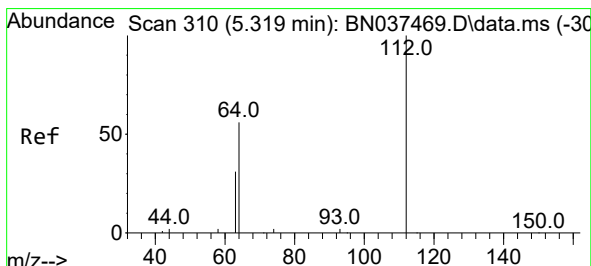
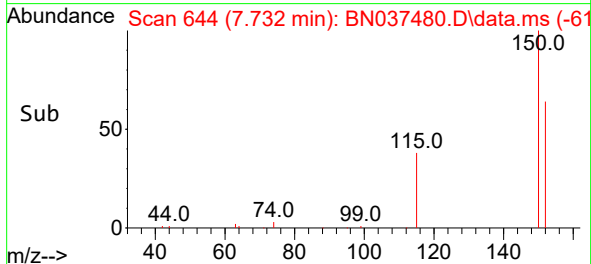
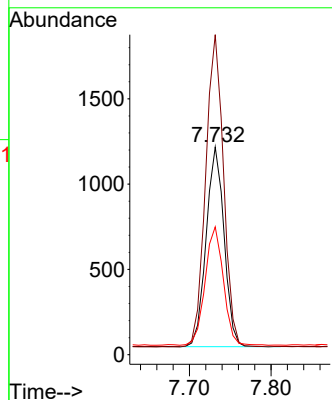


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 644
Delta R.T. -0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Instrument :
BNA_N
ClientSampleId :
PB168721BL

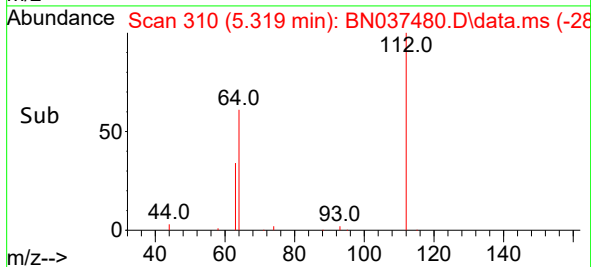
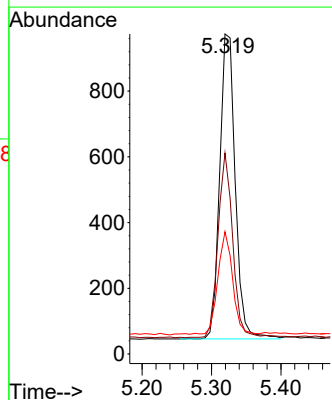
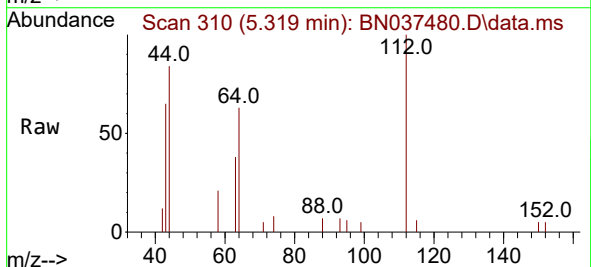


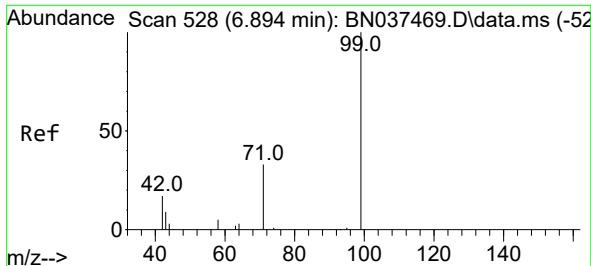
Tgt Ion:152 Resp: 1791
Ion Ratio Lower Upper
152 100
150 154.0 122.5 183.7
115 61.6 49.9 74.9



#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Tgt Ion:112 Resp: 1446
Ion Ratio Lower Upper
112 100
64 57.7 45.4 68.0
63 31.6 24.7 37.1

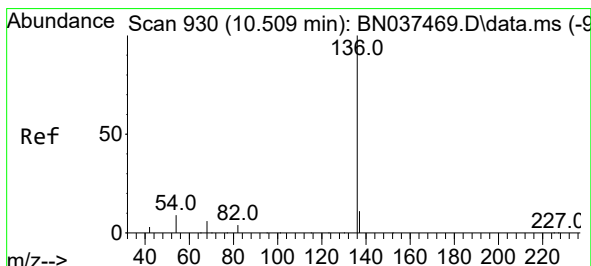
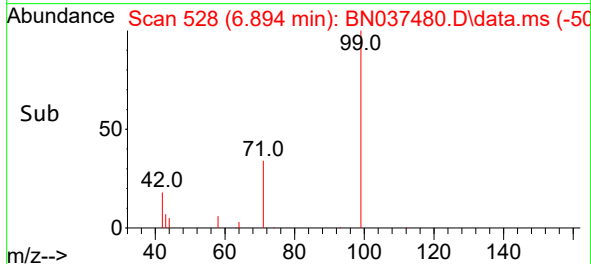
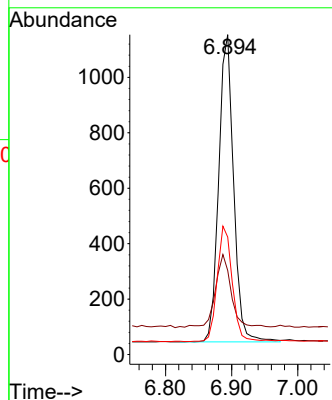
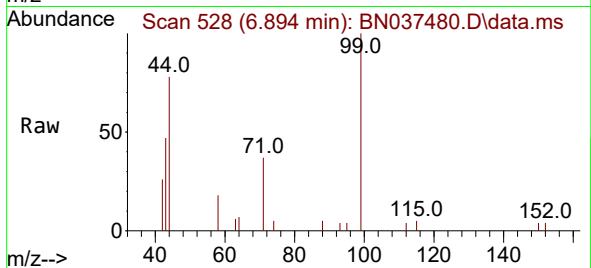




#5
Phenol-d6
Concen: 0.331 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

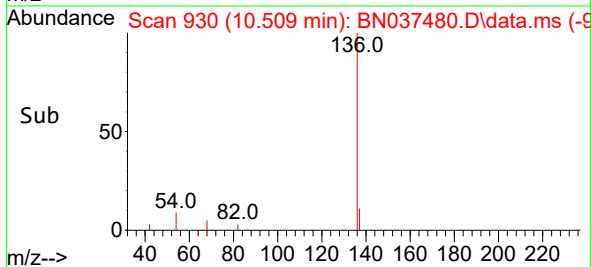
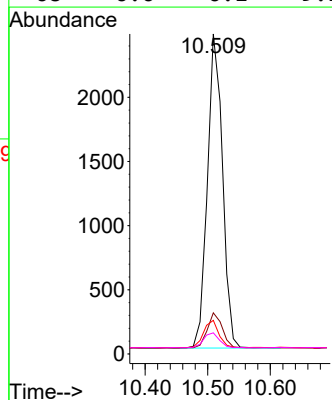
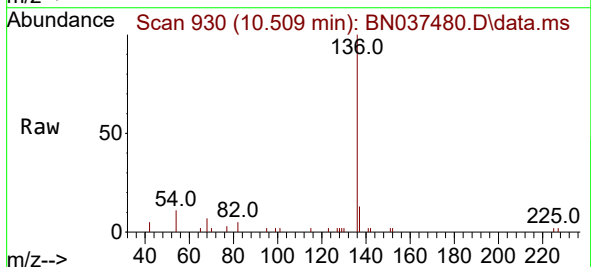
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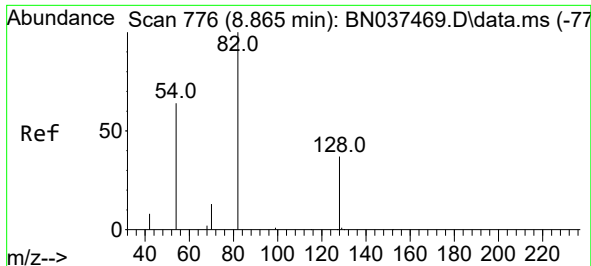
Tgt Ion: 99 Resp: 1734
Ion Ratio Lower Upper
99 100
42 24.5 19.5 29.3
71 38.1 29.4 44.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Tgt Ion: 136 Resp: 4101
Ion Ratio Lower Upper
136 100
137 12.8 10.0 15.0
54 10.5 9.0 13.6
68 6.6 6.1 9.1

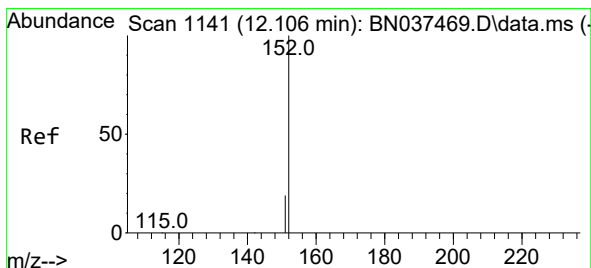
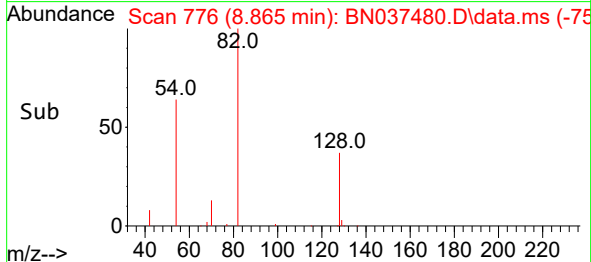
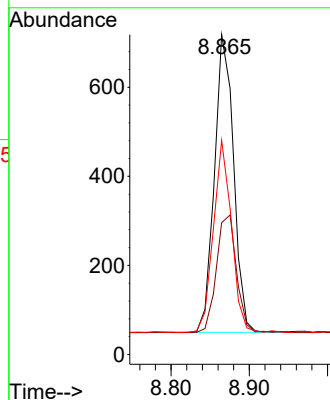
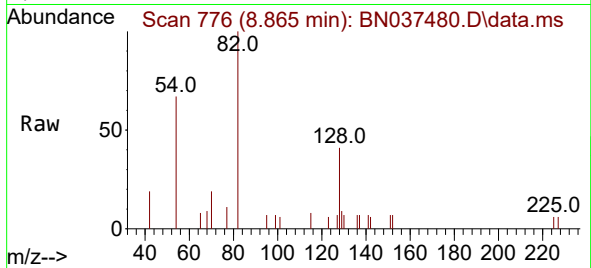




#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

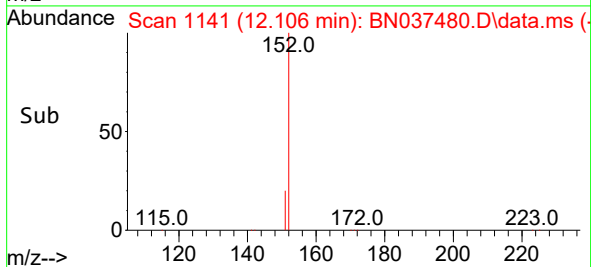
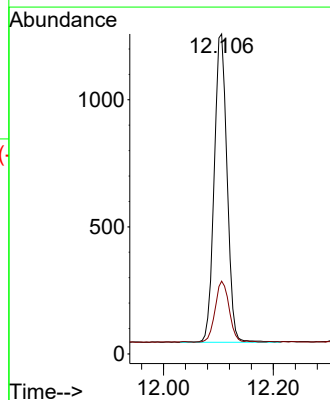
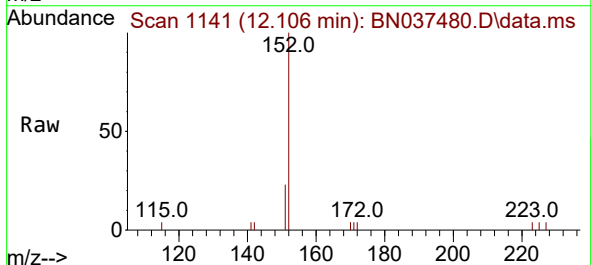
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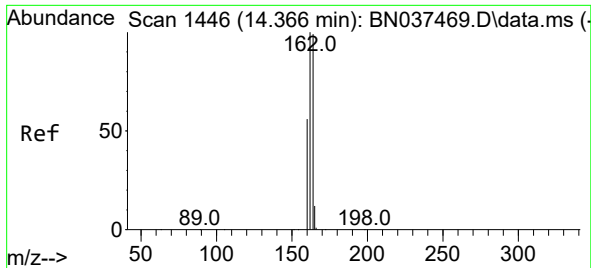
Tgt Ion: 82 Resp: 1133
Ion Ratio Lower Upper
82 100
128 41.2 33.1 49.7
54 67.0 53.0 79.4



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.106 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Tgt Ion: 152 Resp: 1968
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6

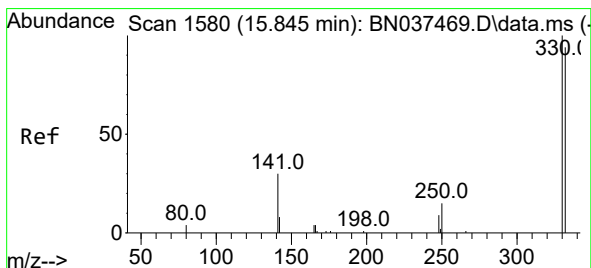
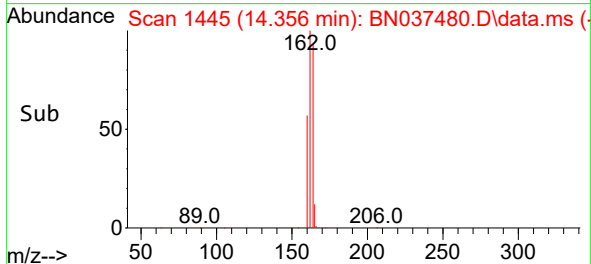
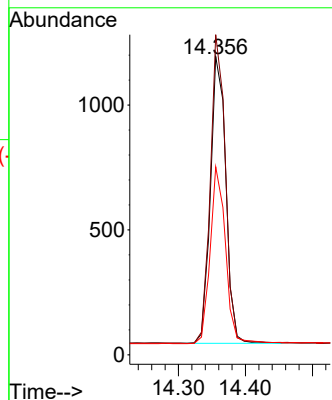
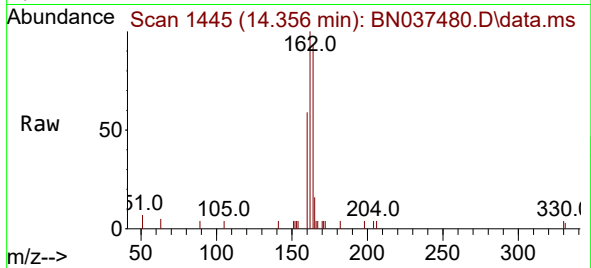




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.356 min Scan# 1446
 Delta R.T. -0.011 min
 Lab File: BN037480.D
 Acq: 11 Jul 2025 19:06

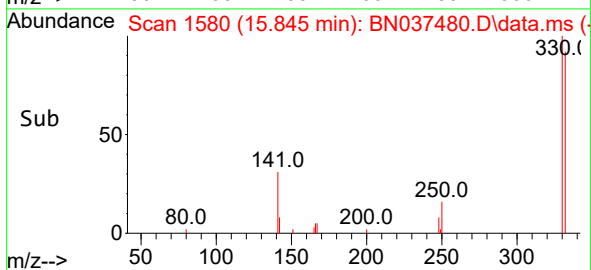
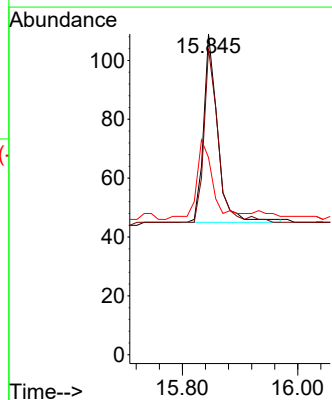
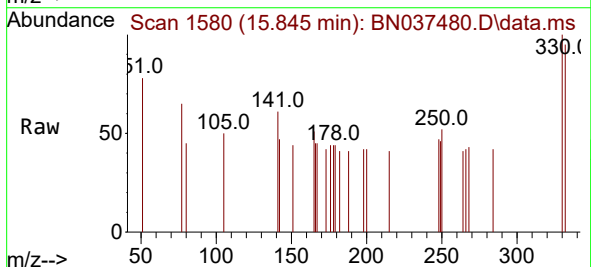
Instrument :
 BNA_N
 ClientSampleId :
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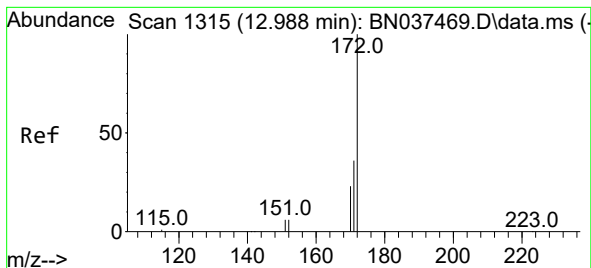
Tgt Ion:164 Resp: 1834
 Ion Ratio Lower Upper
 164 100
 162 107.4 81.1 121.7
 160 63.1 46.5 69.7



#14
 2,4,6-Tribromophenol
 Concen: 0.175 ng
 RT: 15.845 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BN037480.D
 Acq: 11 Jul 2025 19:06

Tgt Ion:330 Resp: 109
 Ion Ratio Lower Upper
 330 100
 332 91.7 82.0 123.0
 141 49.5 36.2 54.2





#15

2-Fluorobiphenyl

Concen: 0.414 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BN037480.D

Acq: 11 Jul 2025 19:06

Instrument :

BNA_N

ClientSampleId :

PB168721BL

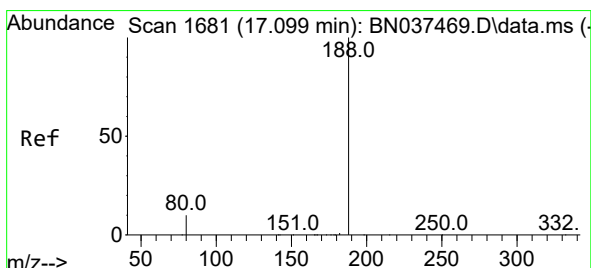
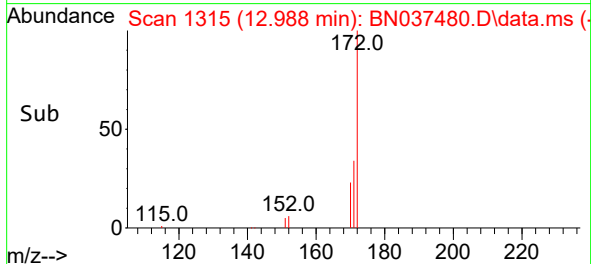
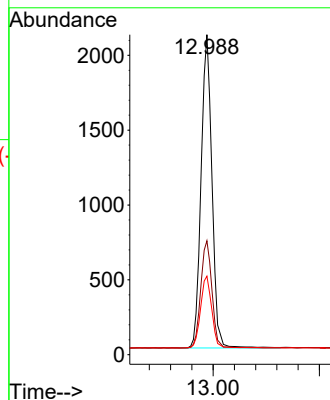
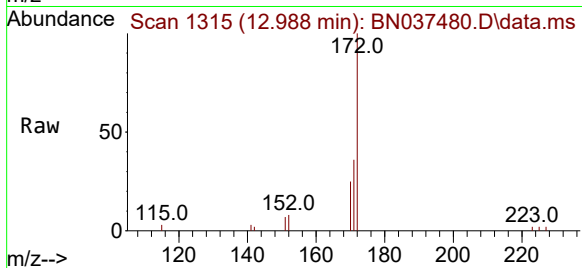
Tgt Ion:172 Resp: 4339

Ion Ratio Lower Upper

172 100

171 35.6 29.8 44.8

170 24.6 20.0 30.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BN037480.D

Acq: 11 Jul 2025 19:06

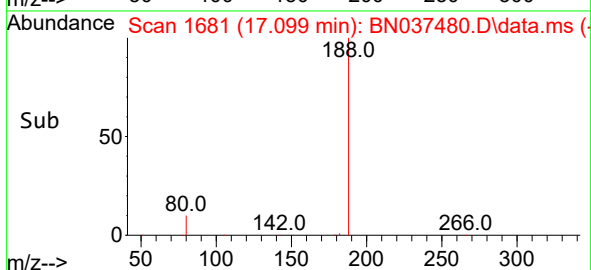
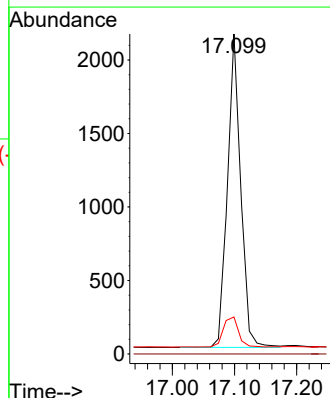
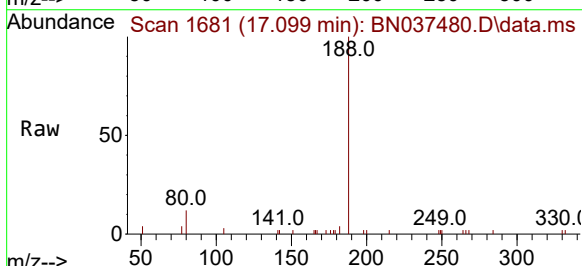
Tgt Ion:188 Resp: 3150

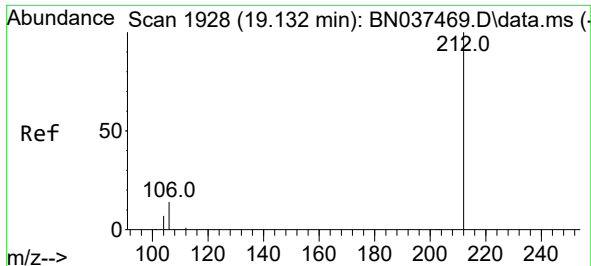
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 9.3 13.9

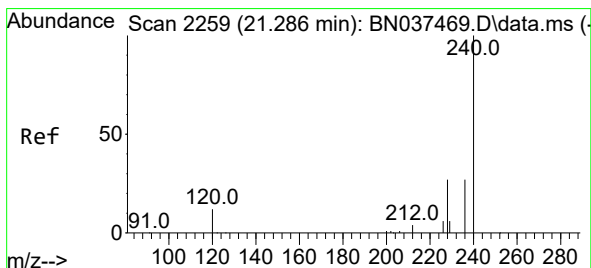
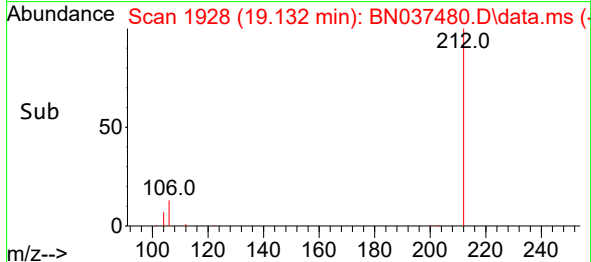
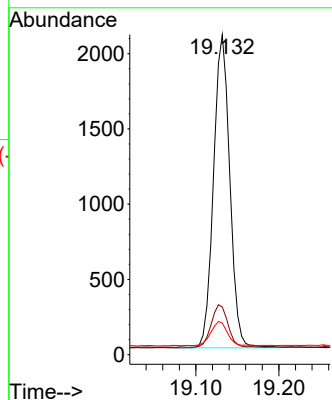
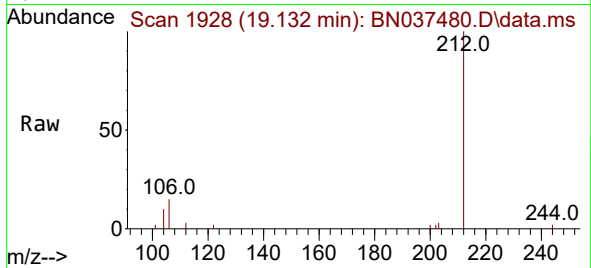




#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.132 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

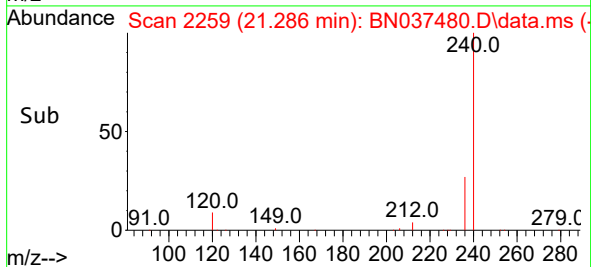
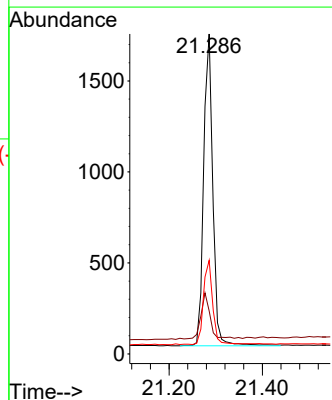
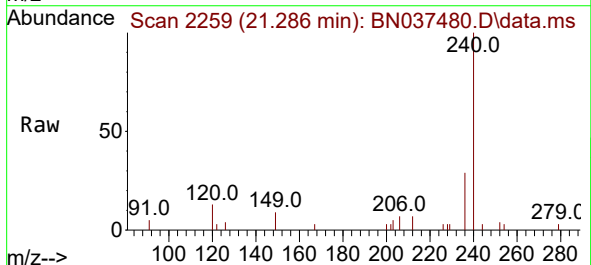
Instrument :
BNA_N
ClientSampleId :
PB168721BL

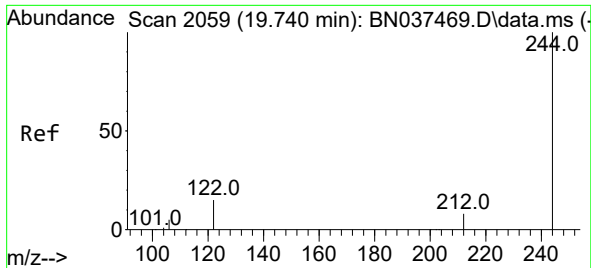
Tgt Ion:212 Resp: 2821
Ion Ratio Lower Upper
212 100
106 14.0 11.7 17.5
104 7.8 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

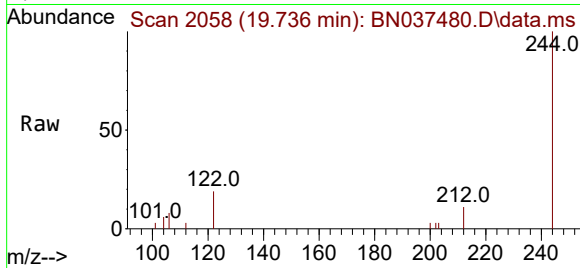
Tgt Ion:240 Resp: 2345
Ion Ratio Lower Upper
240 100
120 13.4 12.4 18.6
236 29.2 22.9 34.3



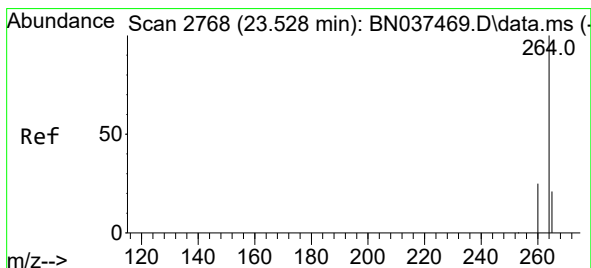
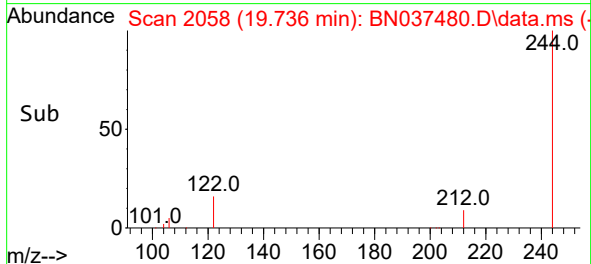
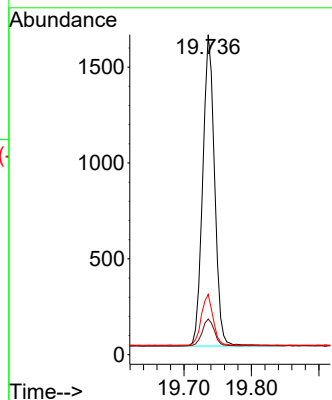


#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Instrument :
BNA_N
ClientSampleId :
PB168721BL



Tgt Ion:244 Resp: 1984
Ion Ratio Lower Upper
244 100
212 11.1 8.7 13.1
122 18.9 14.1 21.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2767
Delta R.T. -0.003 min
Lab File: BN037480.D
Acq: 11 Jul 2025 19:06

Tgt Ion:264 Resp: 2240
Ion Ratio Lower Upper
264 100
260 29.1 21.7 32.5
265 59.5 41.6 62.4

