

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037495.D
 Acq On : 14 Jul 2025 17:24
 Operator : RC/JU
 Sample : PB168831BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168831BL

Quant Time: Jul 14 17:48:01 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	7.731	152	2220	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5460	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2504	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4180	0.400	ng	0.00
29) Chrysene-d12	21.286	240	3227	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	3743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2036	0.394	ng	0.00
5) Phenol-d6	6.886	99	2400	0.369	ng	0.00
8) Nitrobenzene-d5	8.864	82	1573	0.397	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2708	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	292	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5652	0.395	ng	0.00
27) Fluoranthene-d10	19.132	212	3555	0.337	ng	0.00
31) Terphenyl-d14	19.736	244	2473	0.367	ng	0.00

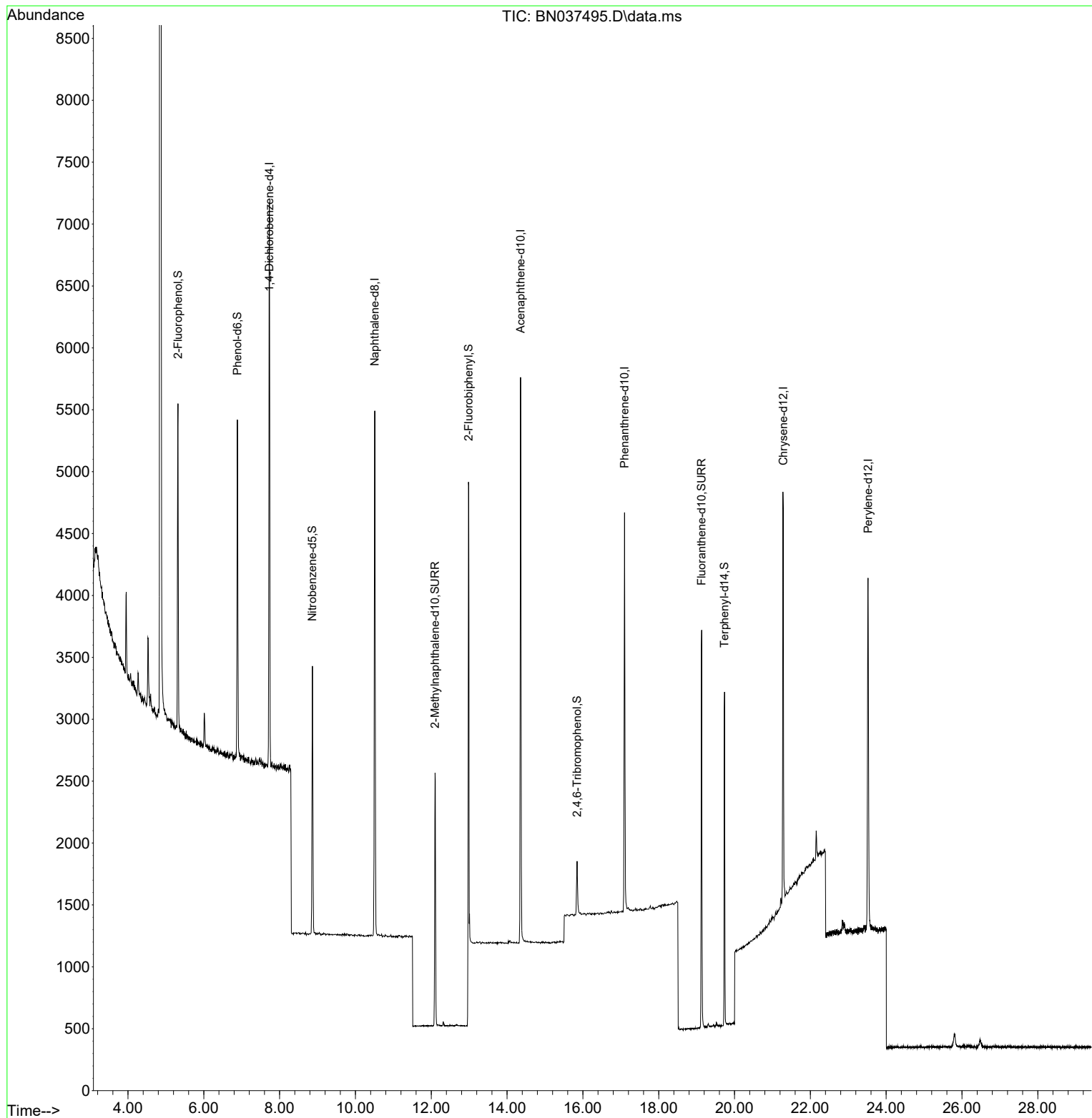
Target Compounds Qvalue

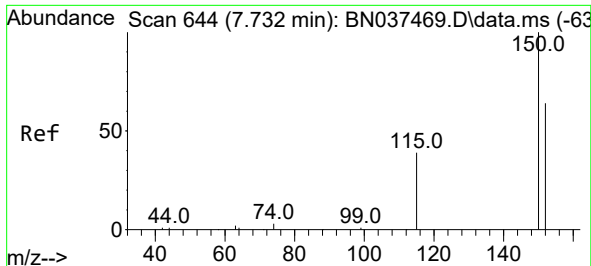
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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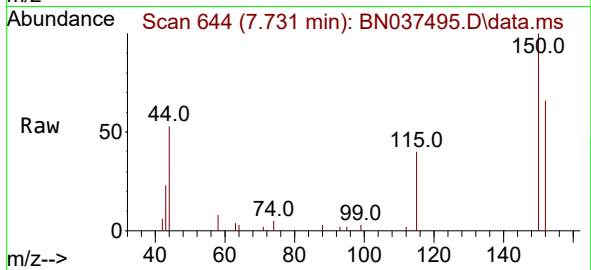
Quant Time: Jul 14 17:48:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



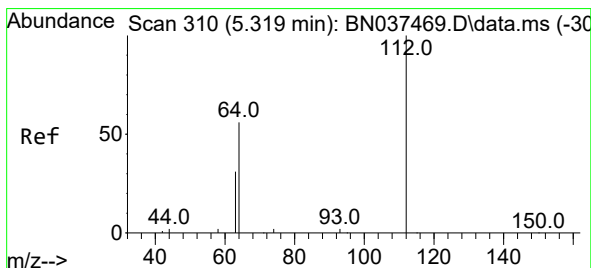
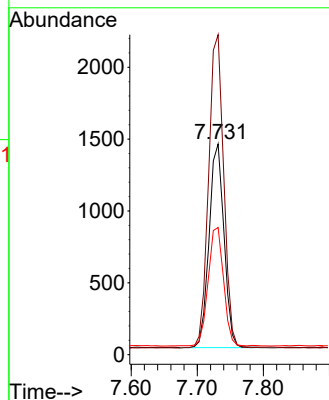
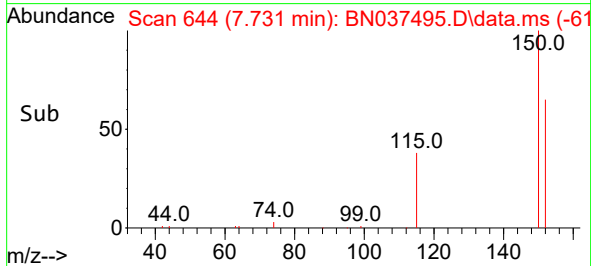


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.731 min Scan# 64
Delta R.T. -0.001 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

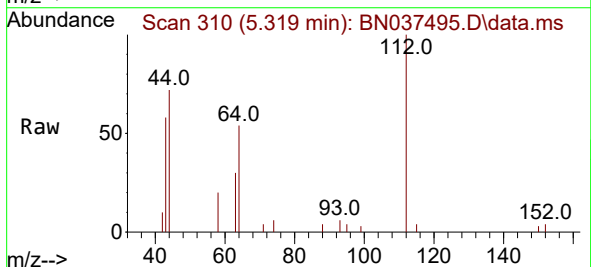
Instrument :
BNA_N
ClientSampleId :
PB168831BL



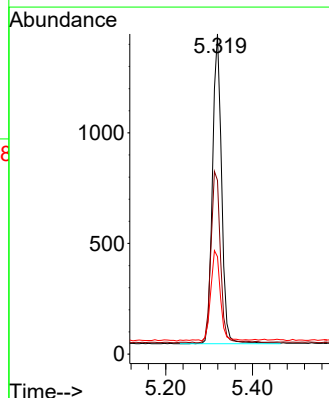
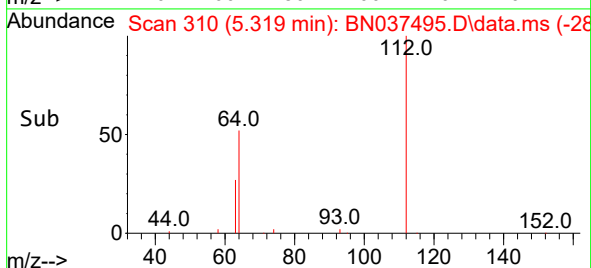
Tgt Ion:152 Resp: 2220
Ion Ratio Lower Upper
152 100
150 151.8 122.5 183.7
115 60.3 49.9 74.9

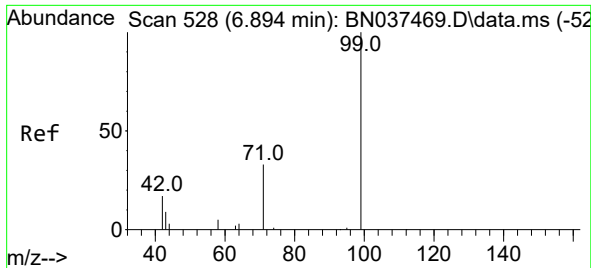


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24



Tgt Ion:112 Resp: 2036
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.0
63 29.5 24.7 37.1

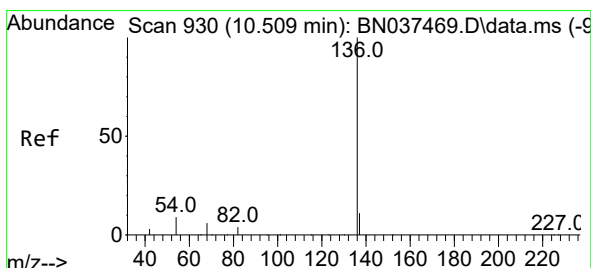
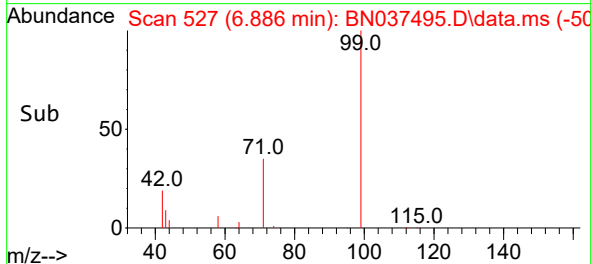
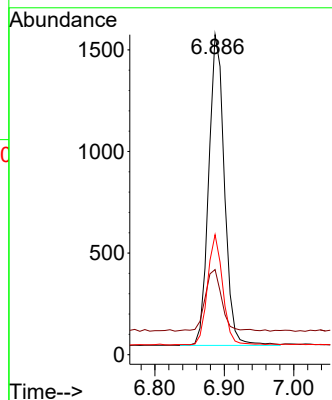
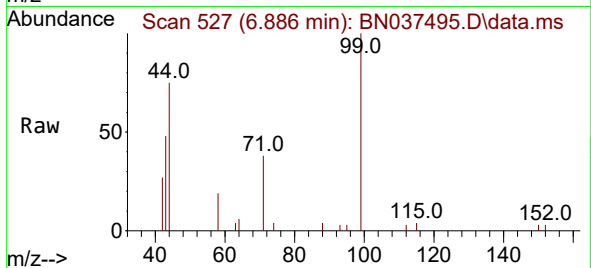




#5
Phenol-d6
Concen: 0.369 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

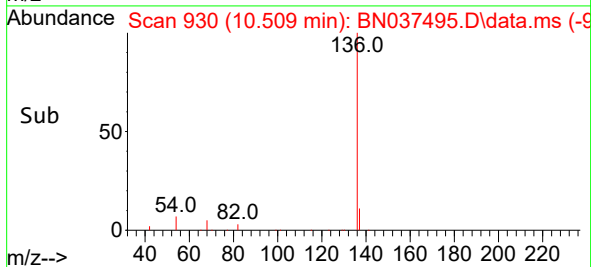
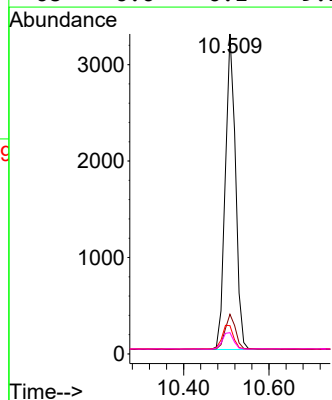
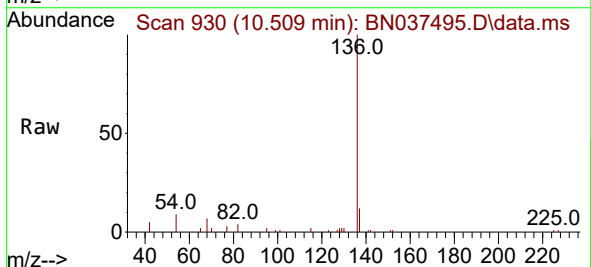
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ClientSampleId :
PB168831BL

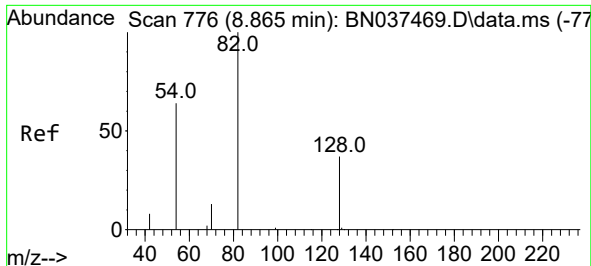
Tgt Ion: 99 Resp: 2400
Ion Ratio Lower Upper
99 100
42 21.2 19.5 29.3
71 34.8 29.4 44.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Tgt Ion: 136 Resp: 5460
Ion Ratio Lower Upper
136 100
137 12.4 10.0 15.0
54 8.8 9.0 13.6#
68 6.6 6.1 9.1

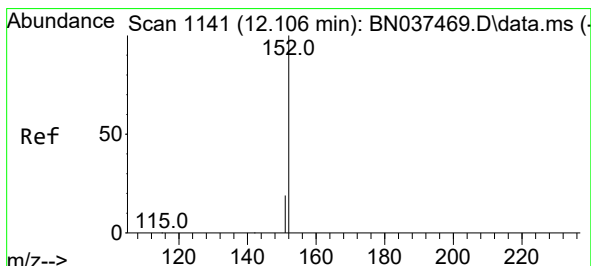
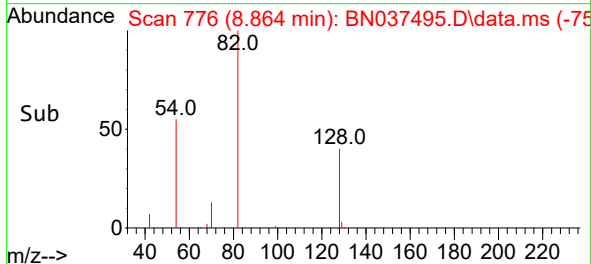
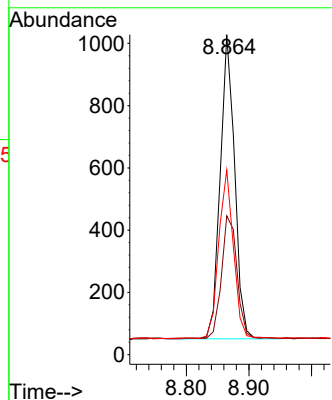
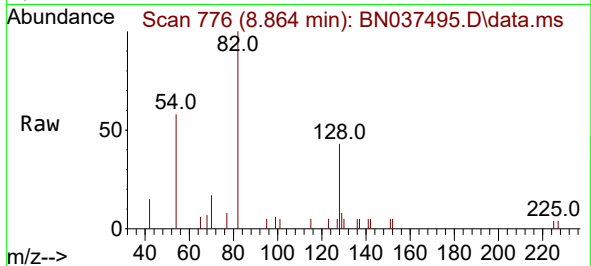




#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

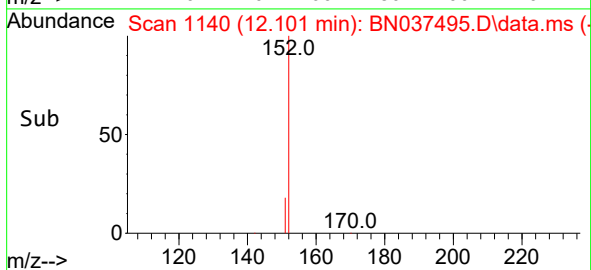
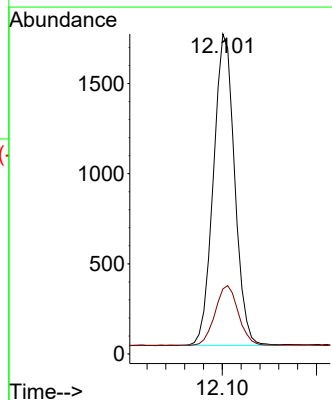
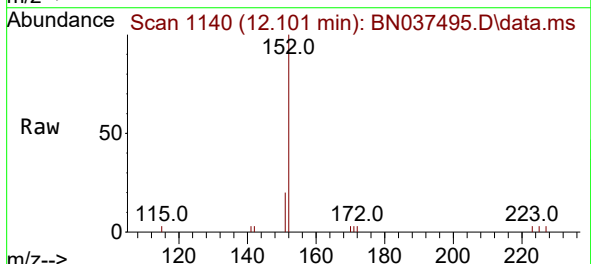
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ClientSampleId :
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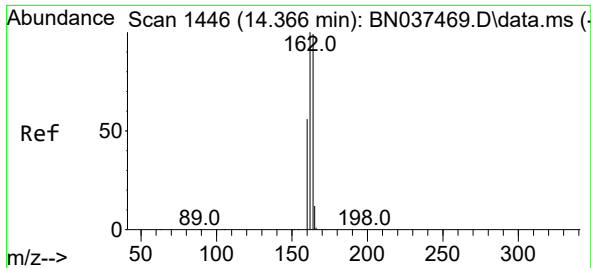
Tgt Ion: 82 Resp: 1573
Ion Ratio Lower Upper
82 100
128 43.4 33.1 49.7
54 57.7 53.0 79.4



#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Tgt Ion: 152 Resp: 2708
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

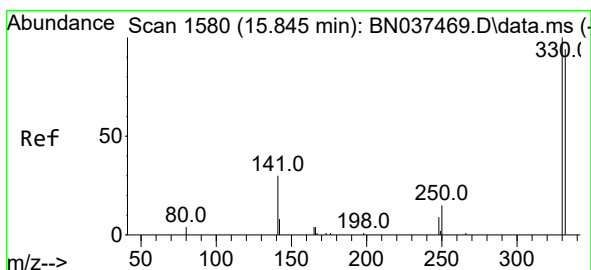
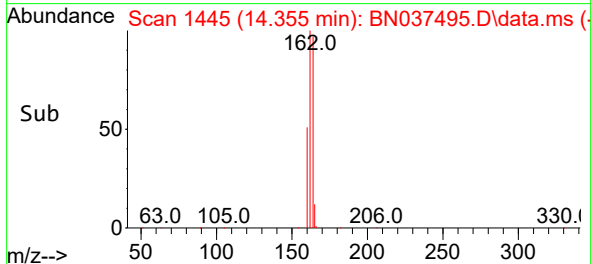
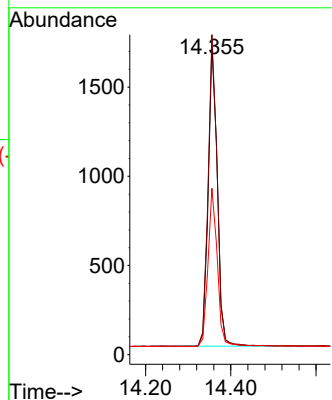
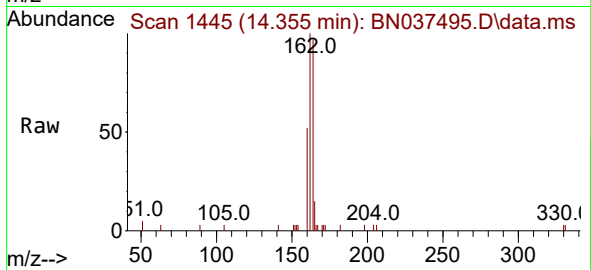




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1446
Delta R.T. -0.011 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

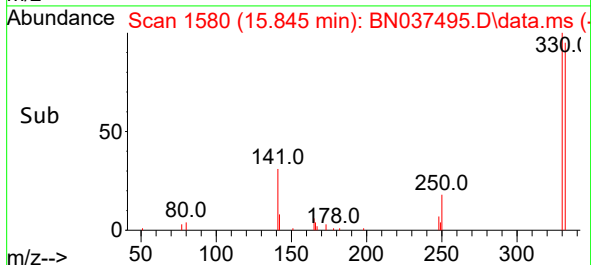
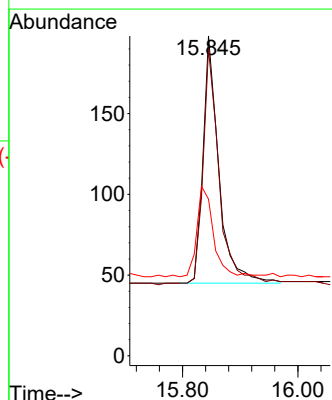
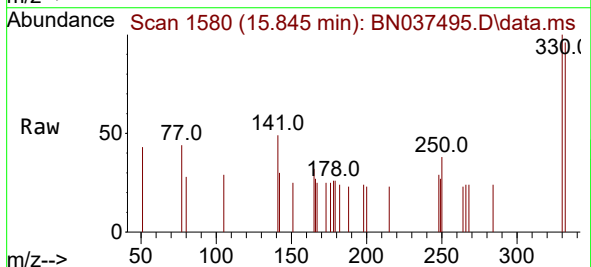
Instrument :
BNA_N
ClientSampleId :
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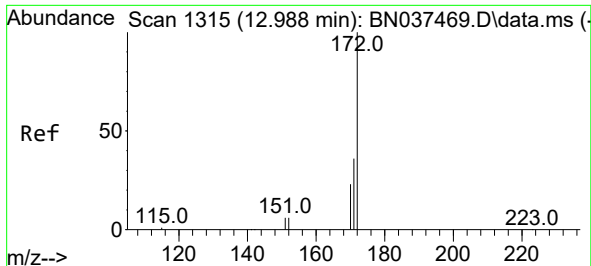
Tgt Ion:164 Resp: 2504
Ion Ratio Lower Upper
164 100
162 103.3 81.1 121.7
160 53.7 46.5 69.7



#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 99.3 82.0 123.0
141 38.4 36.2 54.2

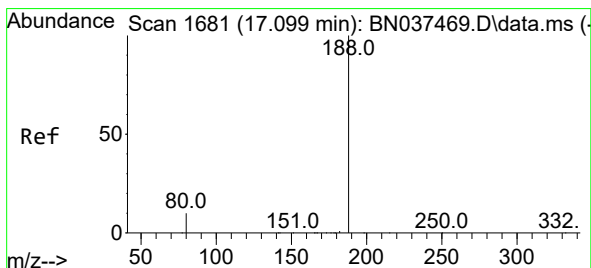
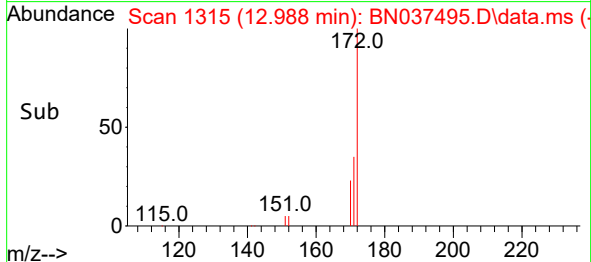
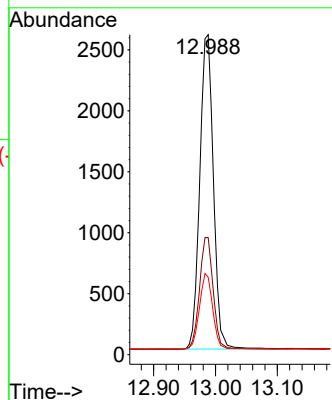
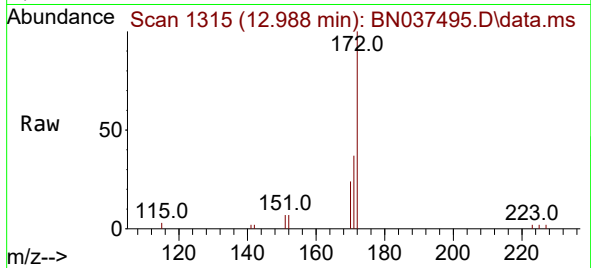




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

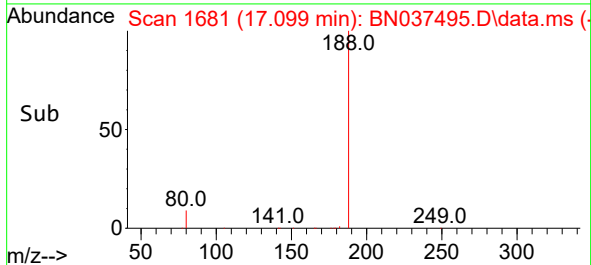
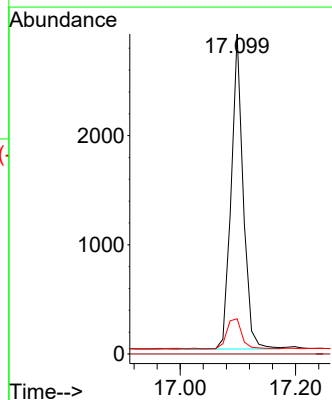
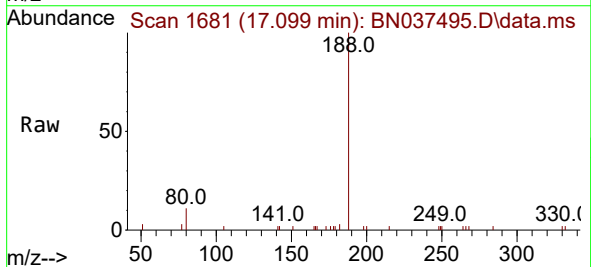
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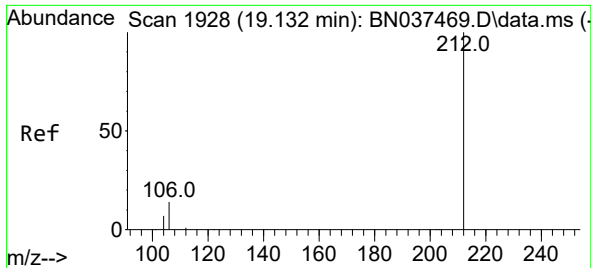
Tgt Ion:172 Resp: 5652
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.8
170 24.2 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Tgt Ion:188 Resp: 4180
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.3 13.9

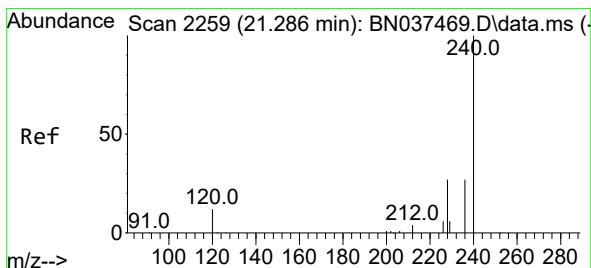
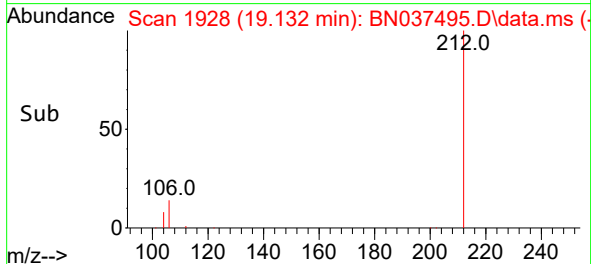
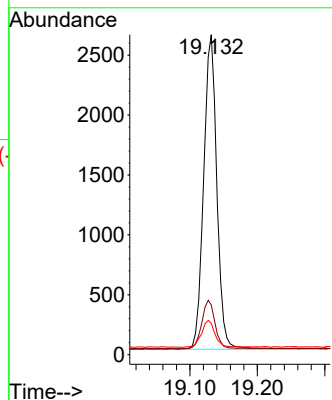
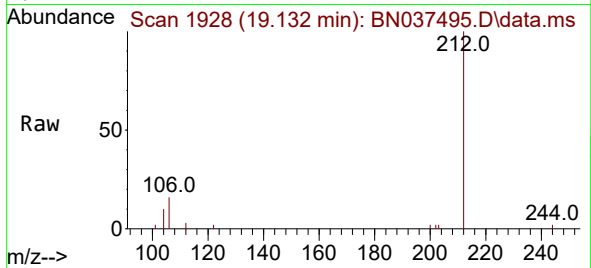




#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

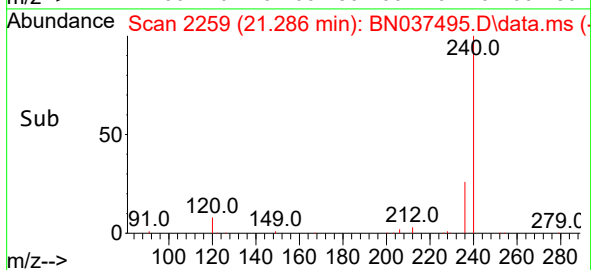
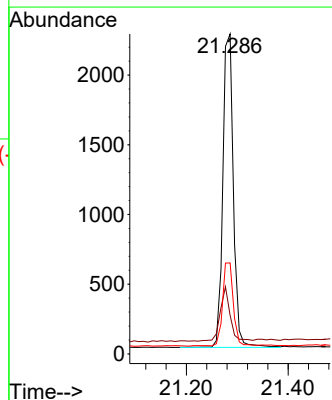
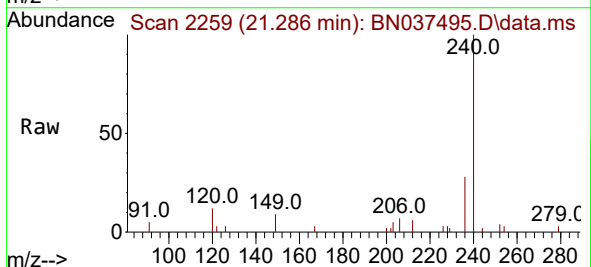
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ClientSampleId :
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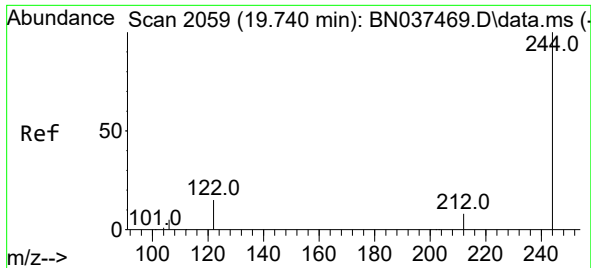
Tgt Ion:212 Resp: 3555
Ion Ratio Lower Upper
212 100
106 15.3 11.7 17.5
104 8.7 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

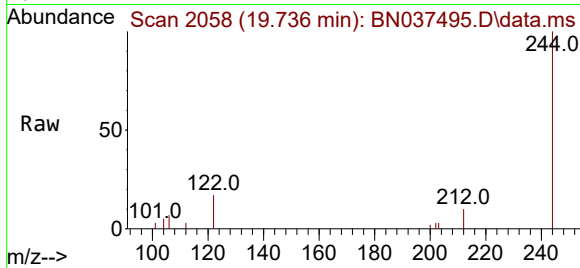
Tgt Ion:240 Resp: 3227
Ion Ratio Lower Upper
240 100
120 12.0 12.4 18.6#
236 28.5 22.9 34.3



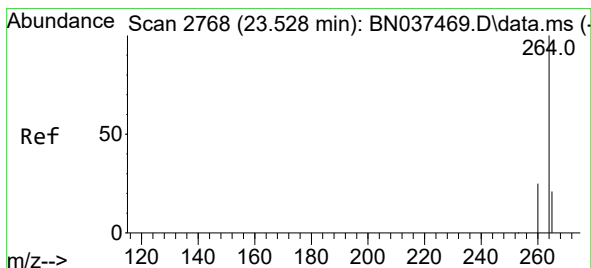
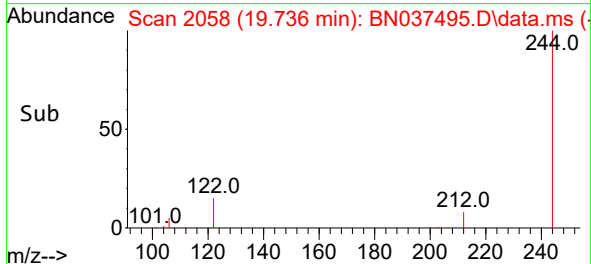
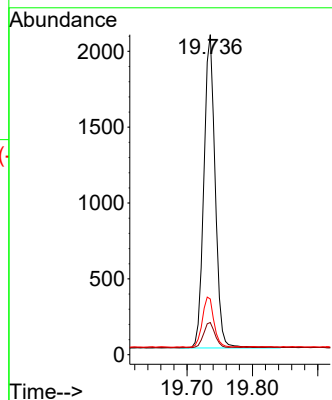


#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:244 Resp: 2473
Ion Ratio Lower Upper
244 100
212 10.0 8.7 13.1
122 17.4 14.1 21.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BN037495.D
Acq: 14 Jul 2025 17:24

Tgt Ion:264 Resp: 3743
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 57.7 41.6 62.4

