

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
 Data File : BN037511.D
 Acq On : 16 Jul 2025 10:27
 Operator : RC/JU
 Sample : PB168868BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168868BL

Quant Time: Jul 16 10:53:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 16 02:38:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	3101	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	7573	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3896	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	7545	0.400	ng	0.00
29) Chrysene-d12	21.277	240	5013	0.400	ng	0.00
35) Perylene-d12	23.513	264	4525	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2697	0.352	ng	0.00
5) Phenol-d6	6.886	99	2898	0.301	ng	0.00
8) Nitrobenzene-d5	8.864	82	2065	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3661	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	417	0.218	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7719	0.381	ng	0.00
27) Fluoranthene-d10	19.127	212	6488	0.325	ng	0.00
31) Terphenyl-d14	19.731	244	4607	0.428	ng	0.00

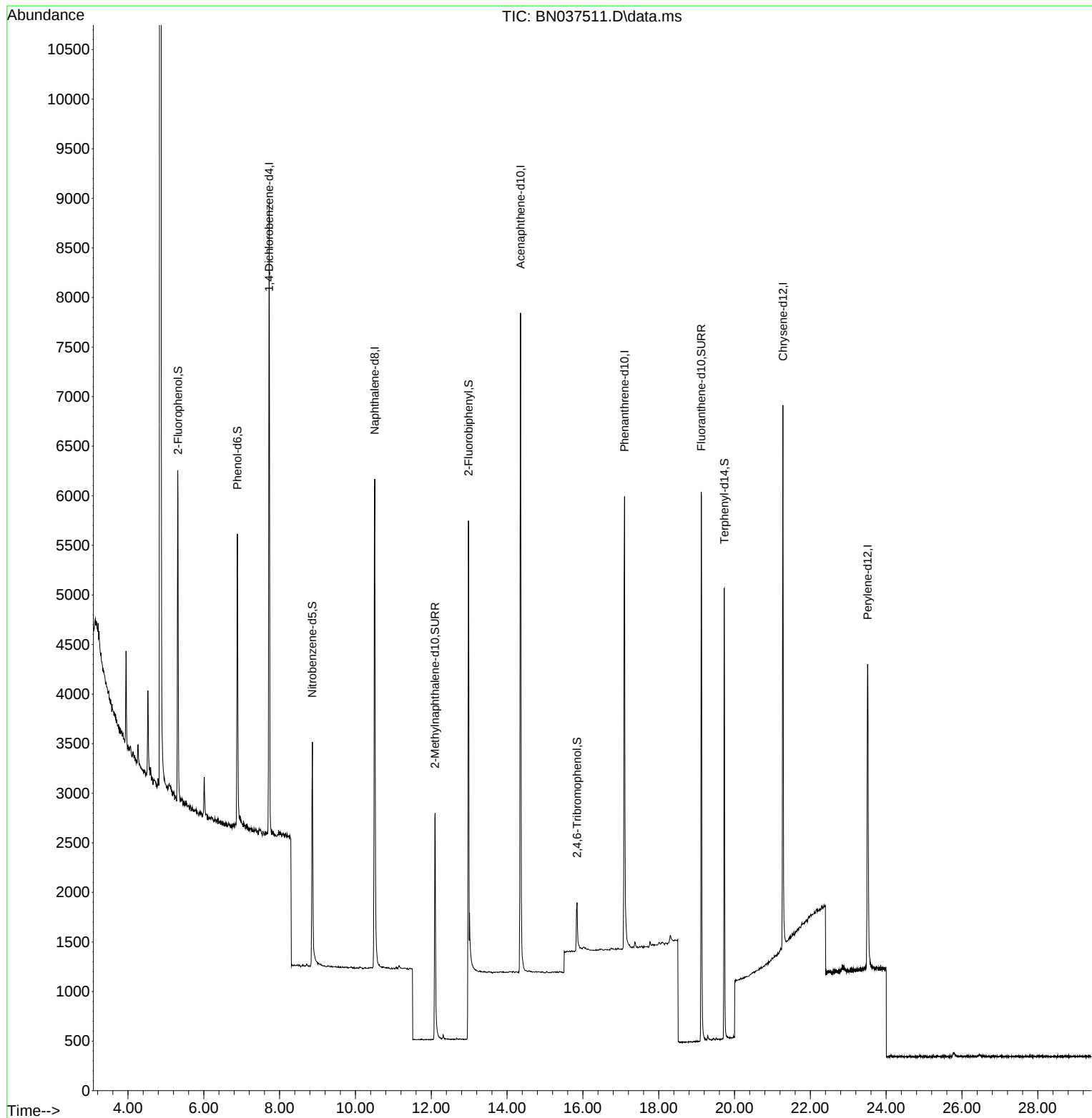
Target Compounds Qvalue

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

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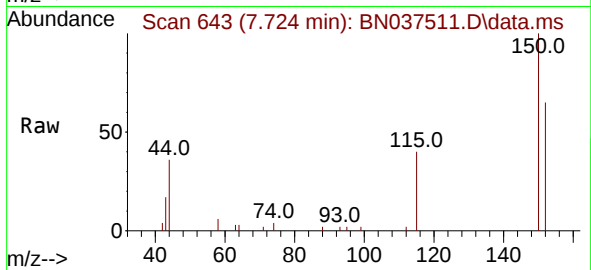
Quant Time: Jul 16 10:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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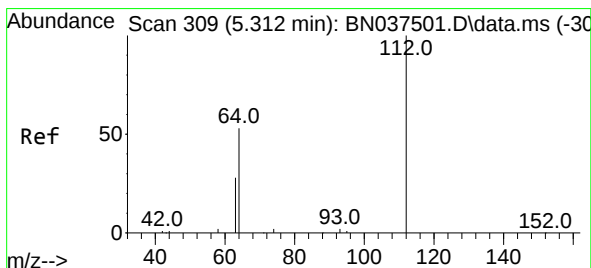
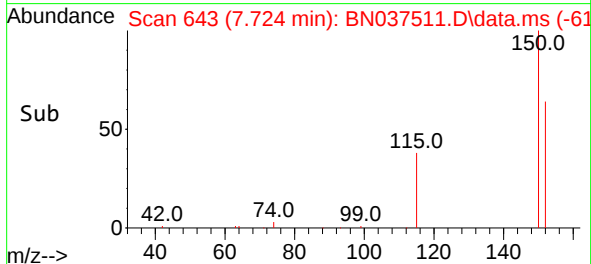
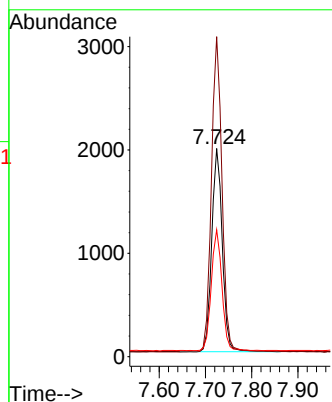
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

Instrument :
 BNA_N
 ClientSampleId :
 PB168868BL



Tgt Ion:152 Resp: 3101

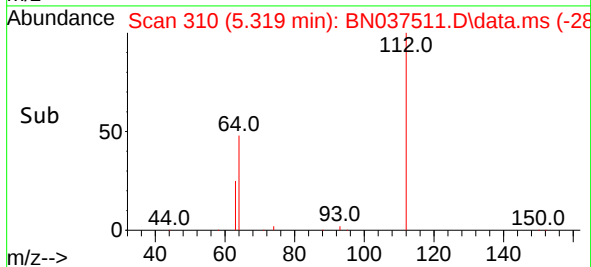
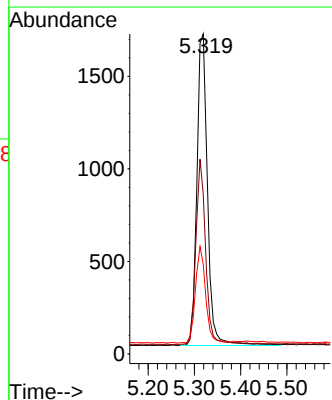
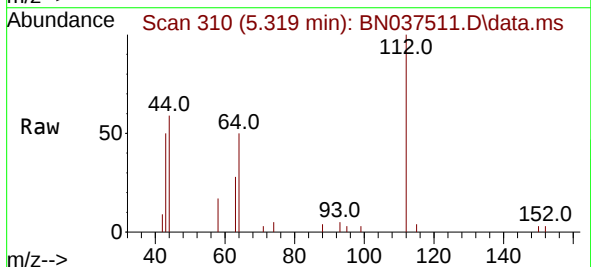
Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.8	179.8
115	61.0	49.1	73.7

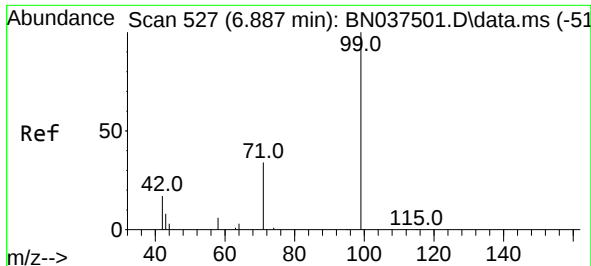


#4
 2-Fluorophenol
 Concen: 0.352 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

Tgt Ion:112 Resp: 2697

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.1	67.7
63	29.2	23.8	35.8

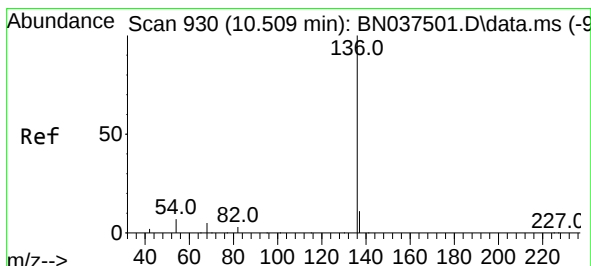
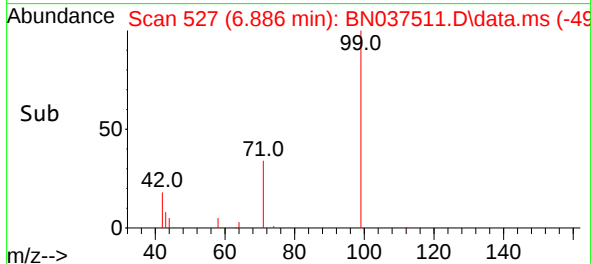
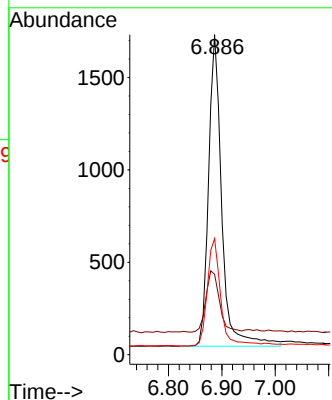
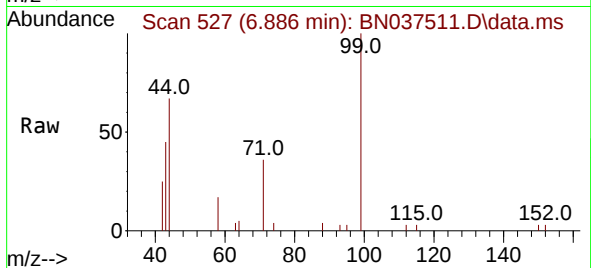




#5
Phenol-d6
Concen: 0.301 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

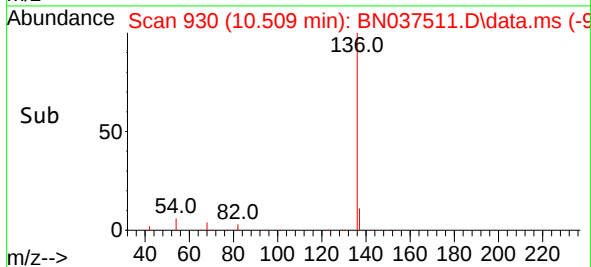
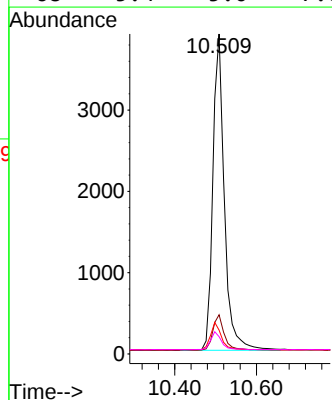
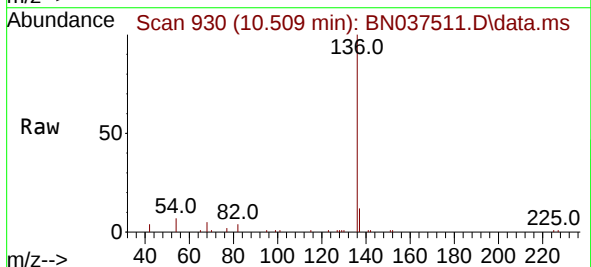
Instrument :
BNA_N
ClientSampleId :
PB168868BL

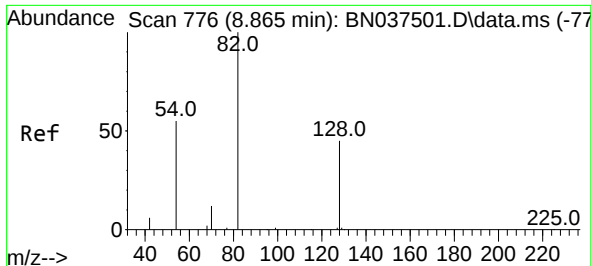
Tgt Ion:	99	Resp:	2898
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.1	25.7
71	34.9	27.8	41.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

Tgt Ion:	136	Resp:	7573
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	7.4	6.6	9.8
68	5.4	5.0	7.6

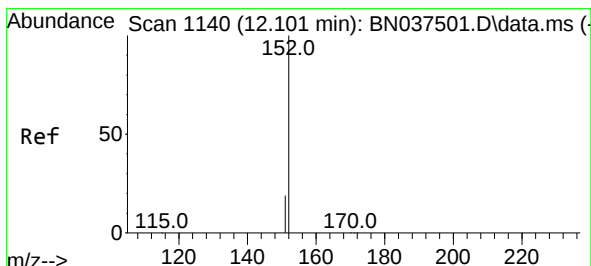
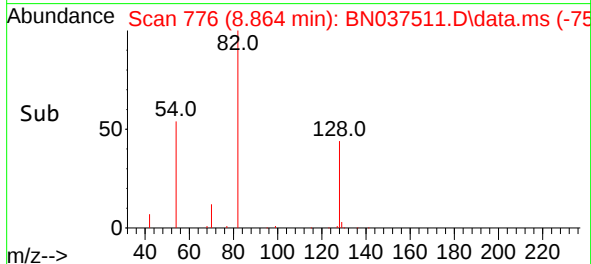
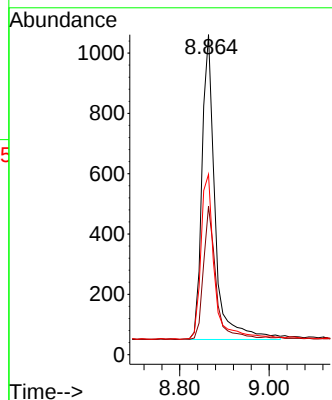
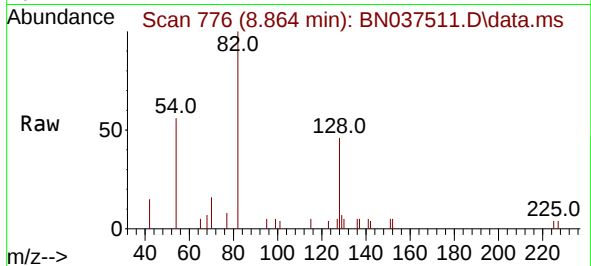




#8
 Nitrobenzene-d5
 Concen: 0.365 ng
 RT: 8.864 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

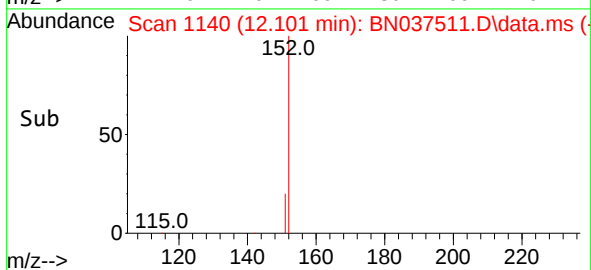
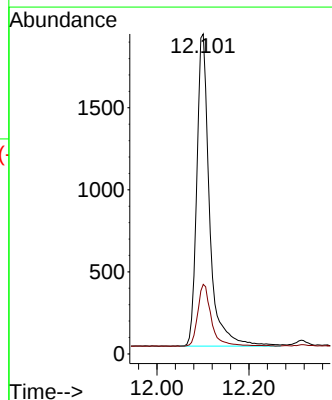
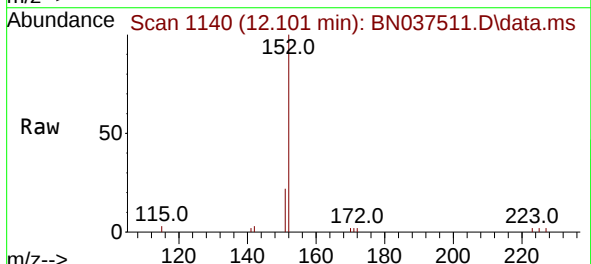
Instrument :
 BNA_N
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 PB168868BL

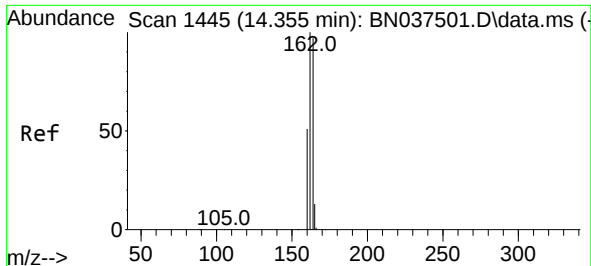
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.5	56.3
54	56.4	45.3	67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.000 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

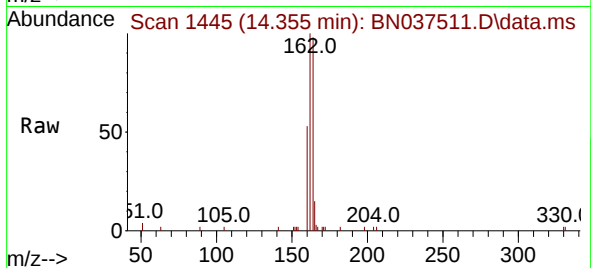
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2



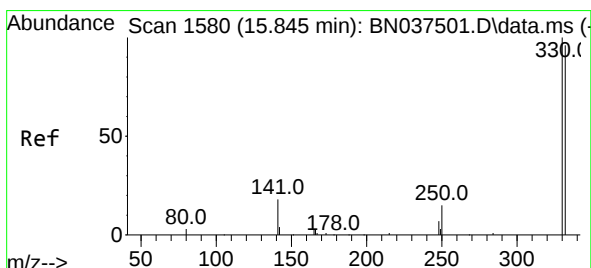
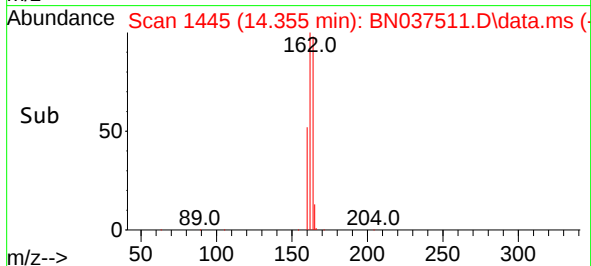
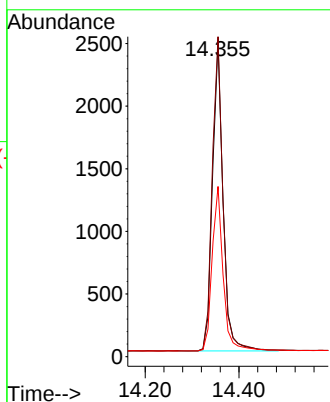


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

Instrument :
BNA_N
ClientSampleId :
PB168868BL

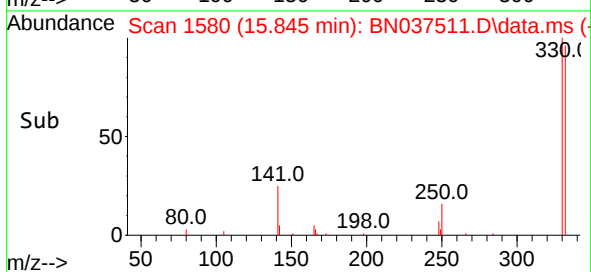
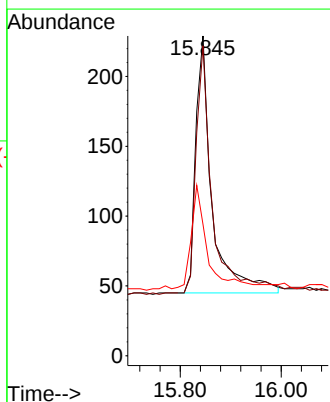
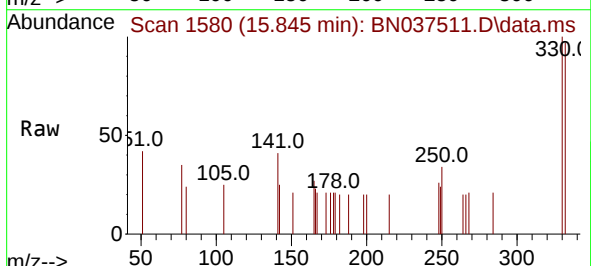


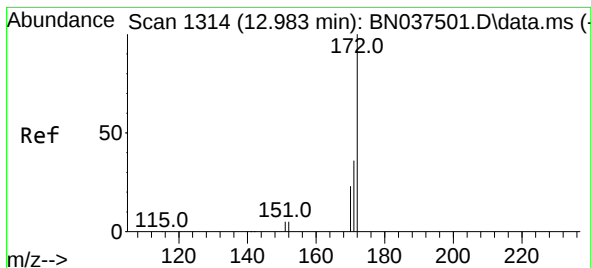
Tgt Ion:164 Resp: 3896
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 54.1 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

Tgt Ion:330 Resp: 417
Ion Ratio Lower Upper
330 100
332 98.8 76.1 114.1
141 39.3 33.4 50.0

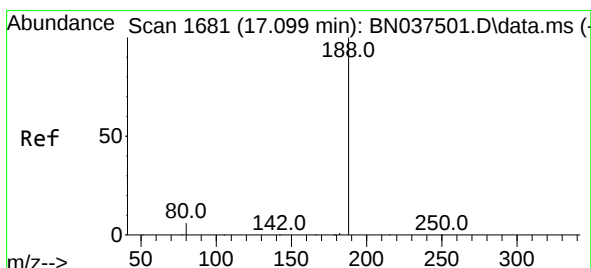
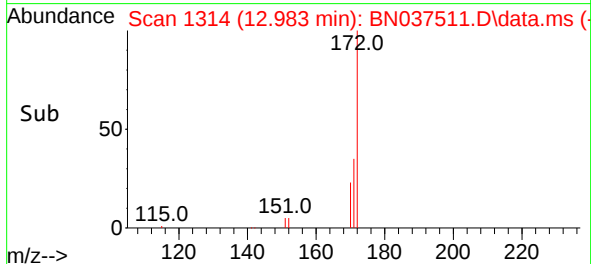
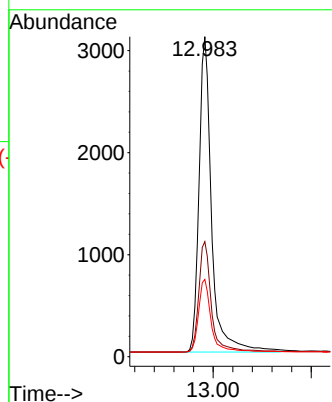
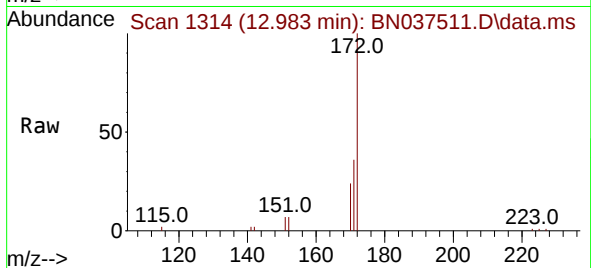




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

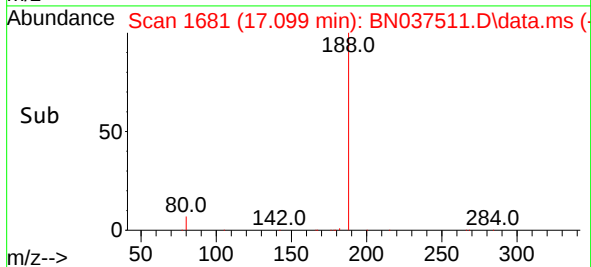
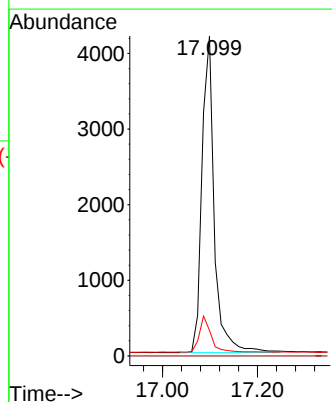
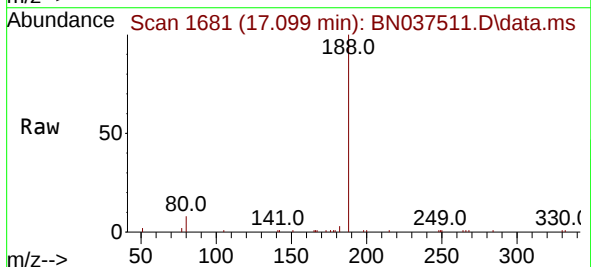
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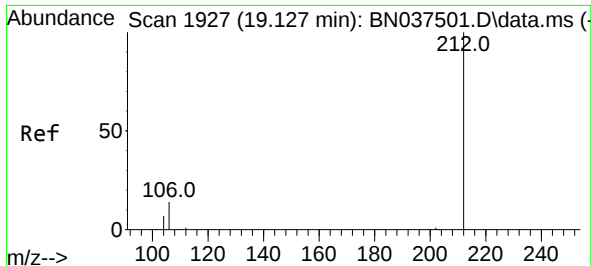
Tgt Ion:172 Resp: 7719
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 24.2 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

Tgt Ion:188 Resp: 7545
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 6.0 9.0

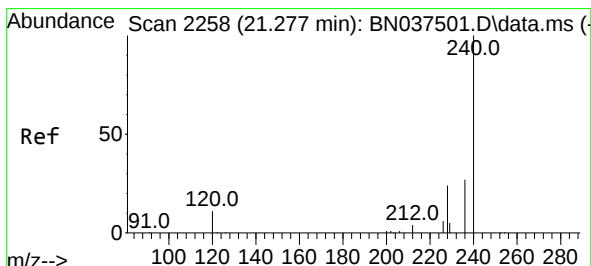
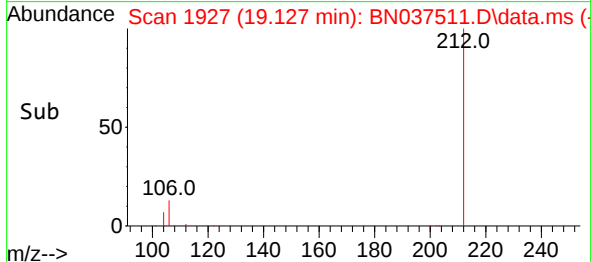
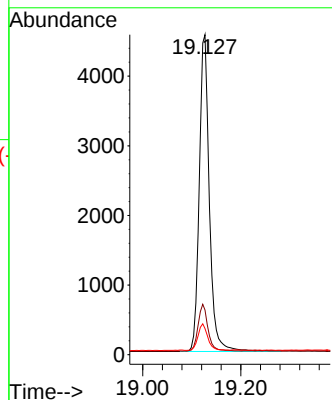
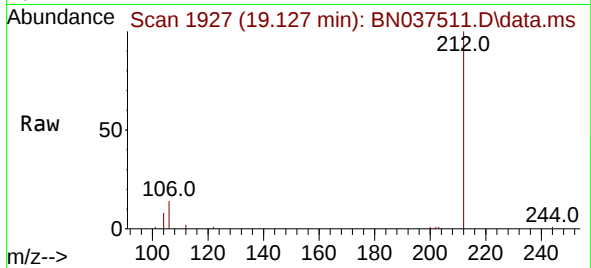




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.127 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

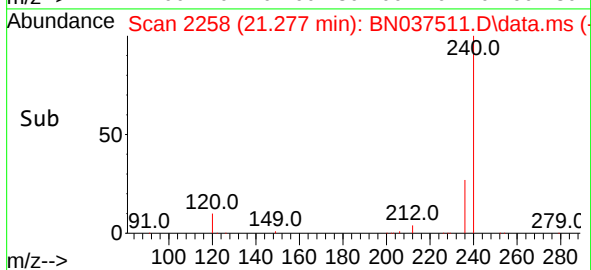
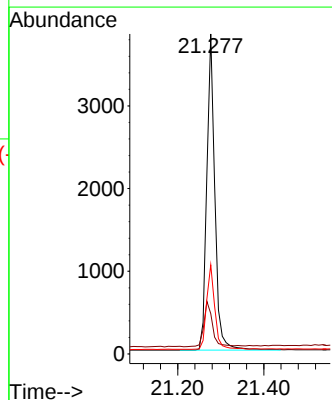
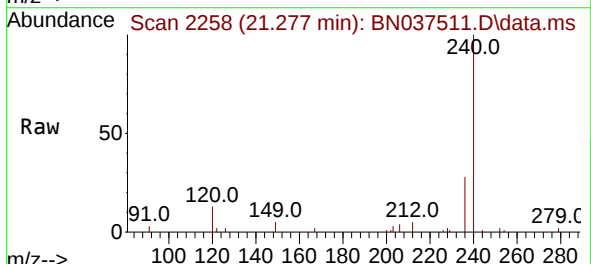
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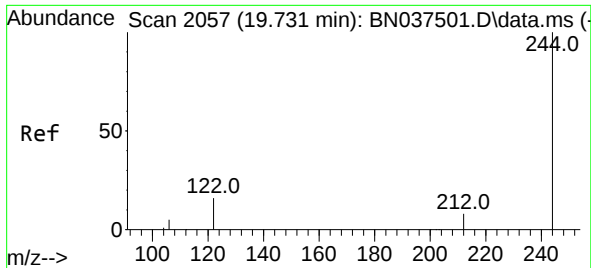
Tgt Ion:212 Resp: 6488
Ion Ratio Lower Upper
212 100
106 14.5 12.2 18.4
104 8.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN037511.D
Acq: 16 Jul 2025 10:27

Tgt Ion:240 Resp: 5013
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 27.9 22.6 33.8

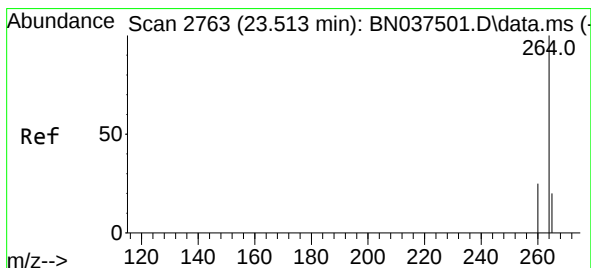
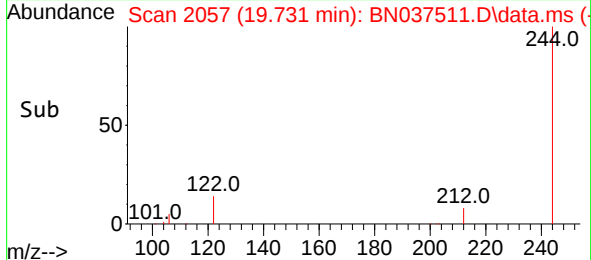
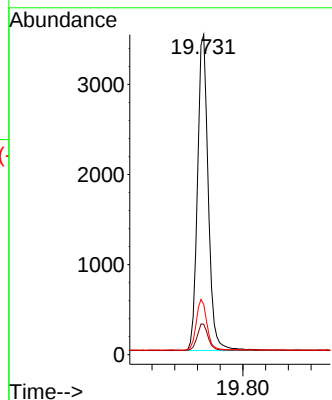
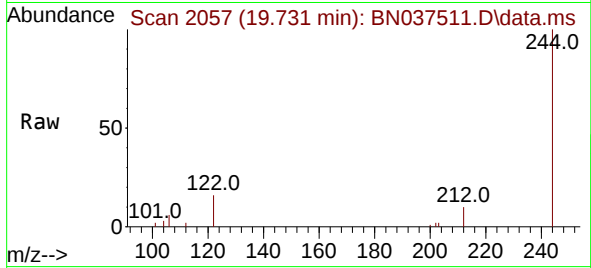




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.731 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

Instrument :
 BNA_N
 ClientSampleId :
 PB168868BL

Tgt Ion:244 Resp: 4607
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.2
 122 15.7 13.6 20.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BN037511.D
 Acq: 16 Jul 2025 10:27

Tgt Ion:264 Resp: 4525
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 52.9 40.4 60.6

