

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
 Data File : BN037704.D
 Acq On : 11 Sep 2025 17:47
 Operator : RC/JU
 Sample : PB169527BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 11 18:15:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4856	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12596	0.400	ng	0.00
13) Acenaphthene-d10	14.494	164	5513	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	9373	0.400	ng	0.00
29) Chrysene-d12	21.420	240	8568	0.400	ng	0.00
35) Perylene-d12	23.753	264	8505	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3683	0.330	ng	0.00
5) Phenol-d6	6.988	99	4625	0.320	ng	0.00
8) Nitrobenzene-d5	8.993	82	3459	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	5536	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	278	0.193	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	8668	0.376	ng	0.00
27) Fluoranthene-d10	19.271	212	8101	0.344	ng	0.00
31) Terphenyl-d14	19.870	244	6280	0.361	ng	0.00

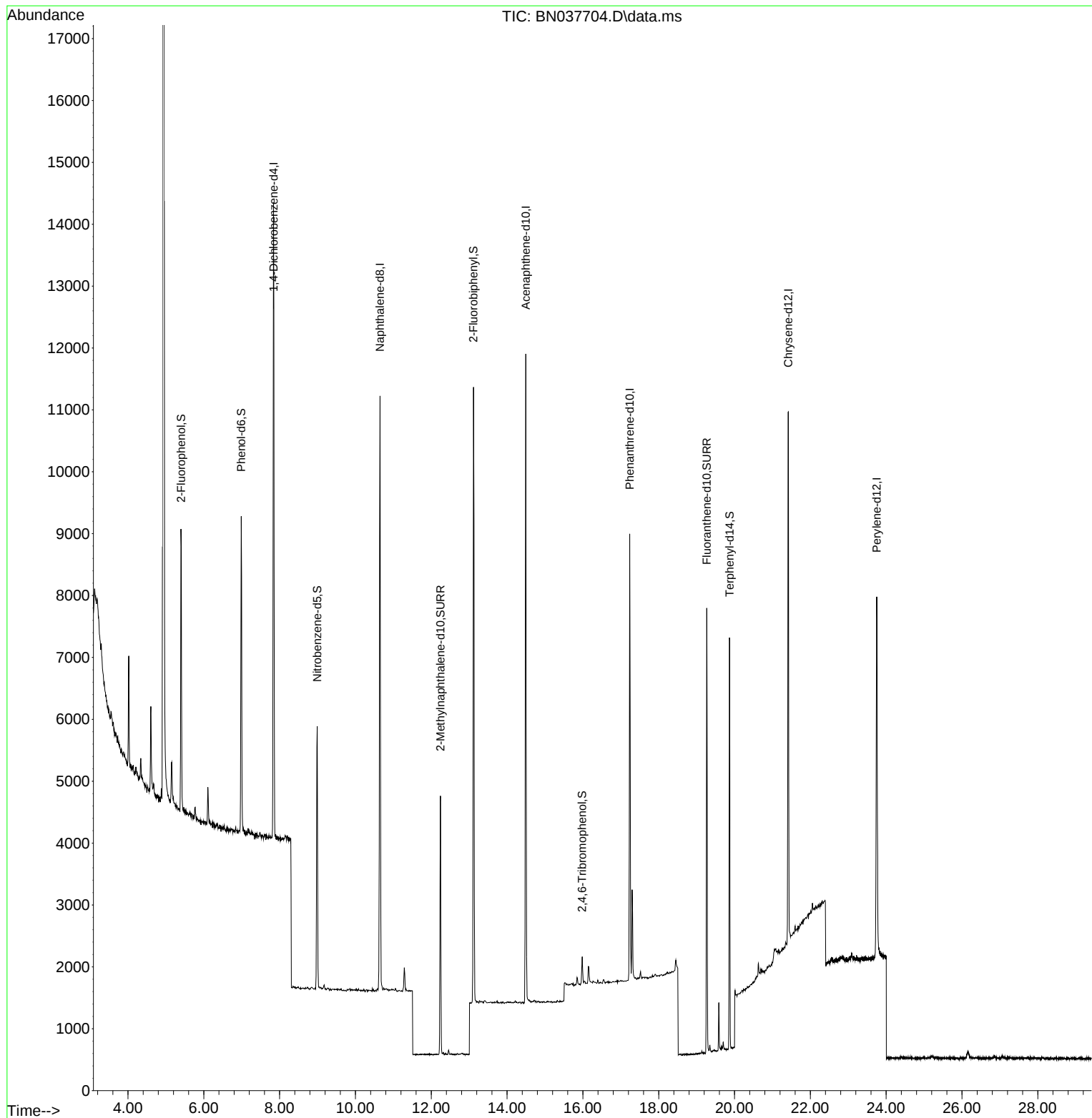
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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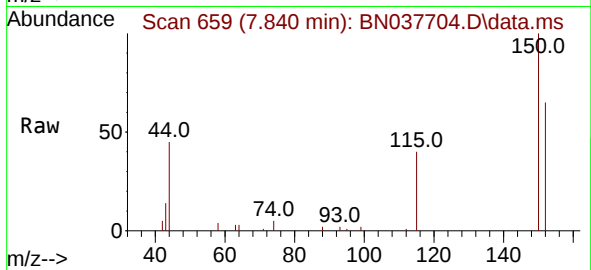
Quant Time: Sep 11 18:15:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
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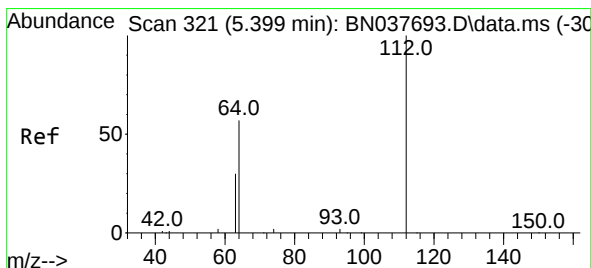
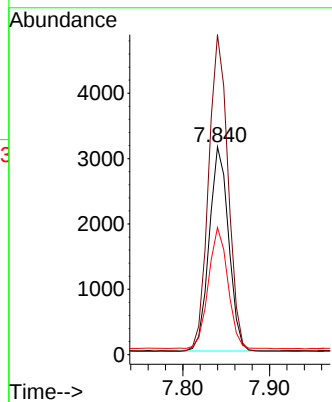
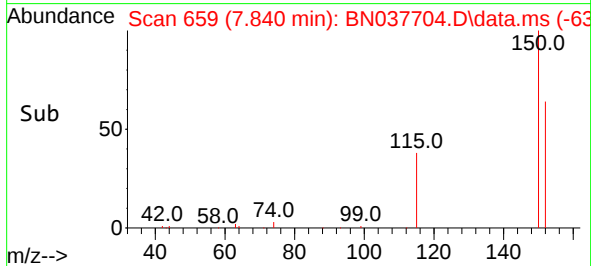


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47

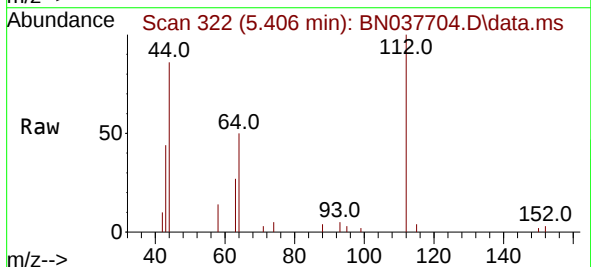
Instrument :
 BNA_N
 ClientSampleId :



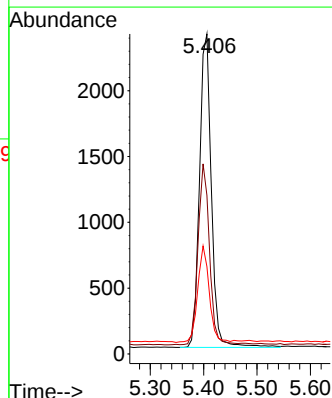
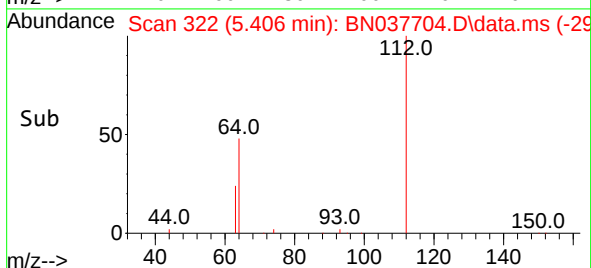
Tgt Ion:152 Resp: 4856
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.5 186.7
 115 61.2 49.2 73.8

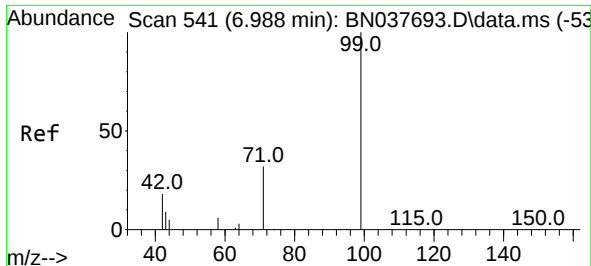


#4
 2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.007 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47



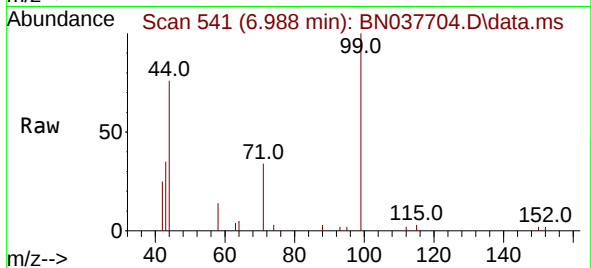
Tgt Ion:112 Resp: 3683
 Ion Ratio Lower Upper
 112 100
 64 55.8 44.9 67.3
 63 30.0 24.7 37.1



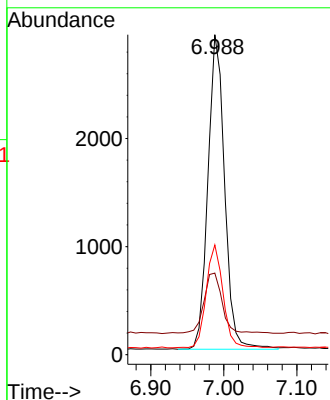
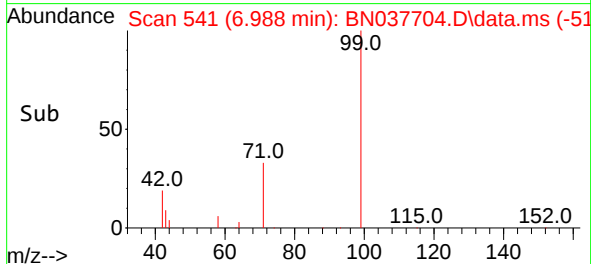


#5
Phenol-d6
Concen: 0.320 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

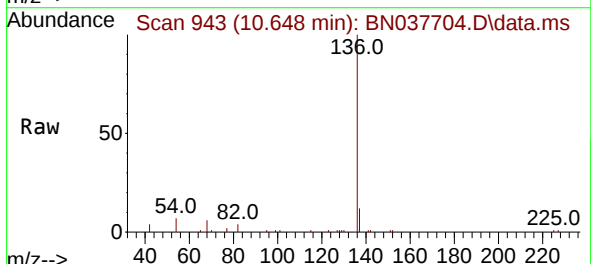
Instrument :
BNA_N
ClientSampleId :



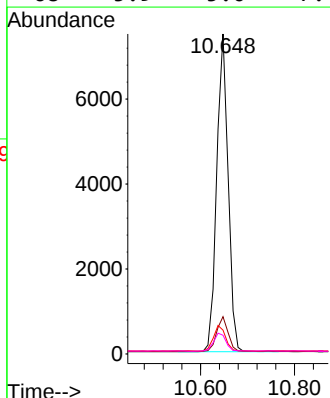
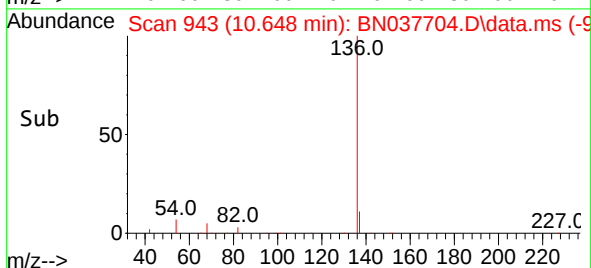
Tgt Ion:	99	Resp:	4625
Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.6	24.8
71	33.0	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47



Tgt Ion:	136	Resp:	12596
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.5	6.3	9.5
68	5.9	5.0	7.4

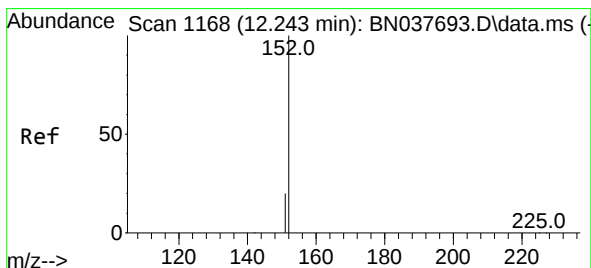
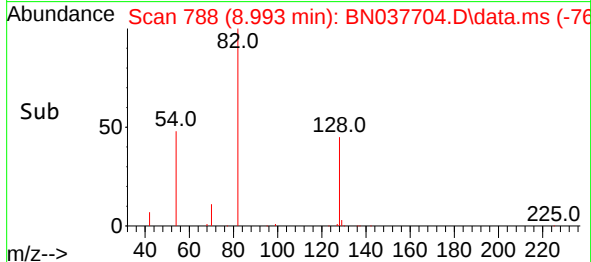
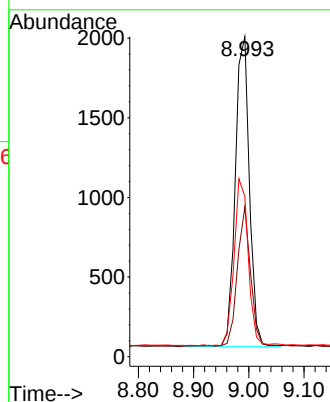
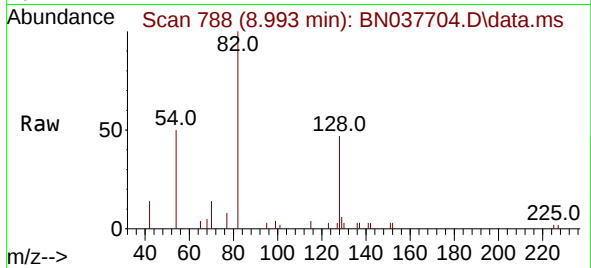




#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

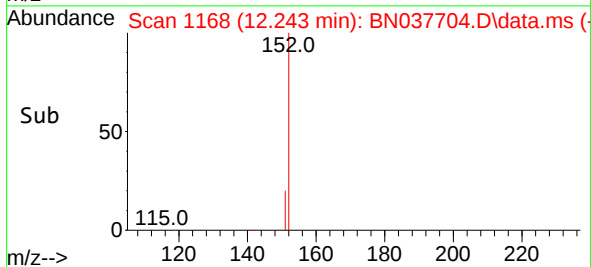
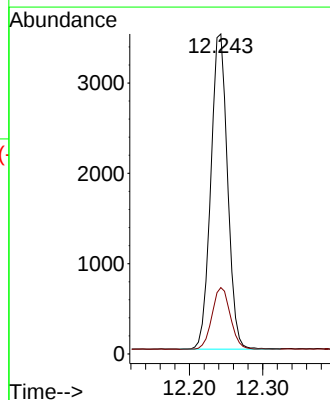
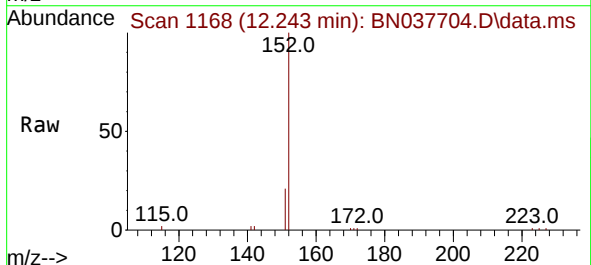
Instrument :
BNA_N
ClientSampleId :

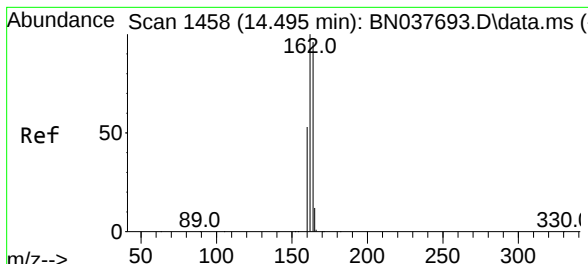
Tgt Ion: 82 Resp: 3459
Ion Ratio Lower Upper
82 100
128 46.7 38.3 57.5
54 50.1 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

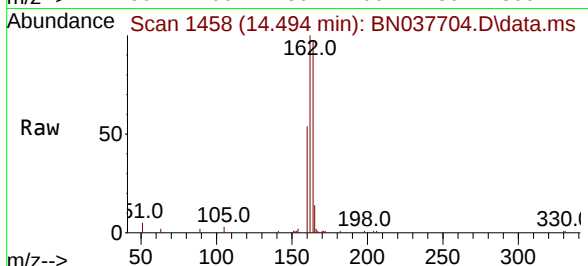
Tgt Ion: 152 Resp: 5536
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



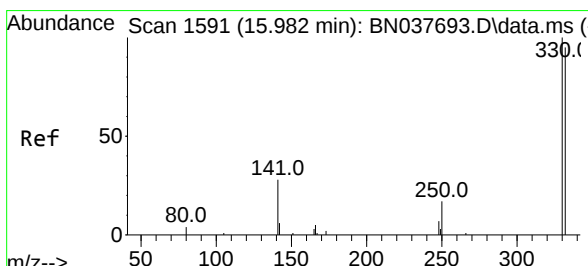
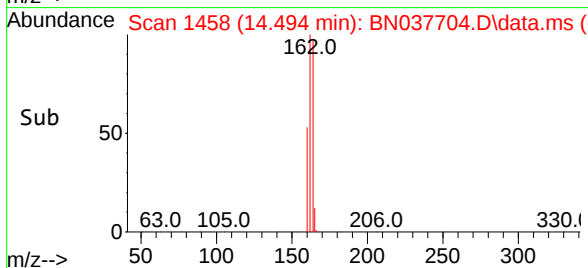
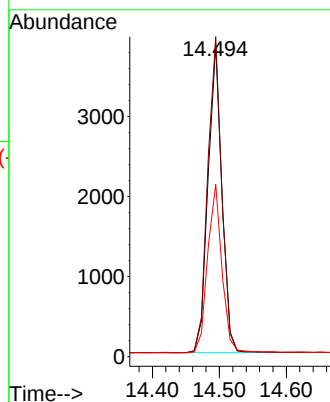


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.494 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47

Instrument :
 BNA_N
 ClientSampleId :

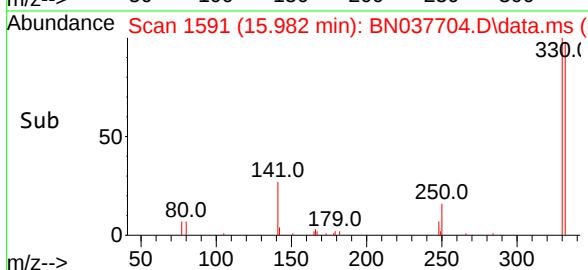
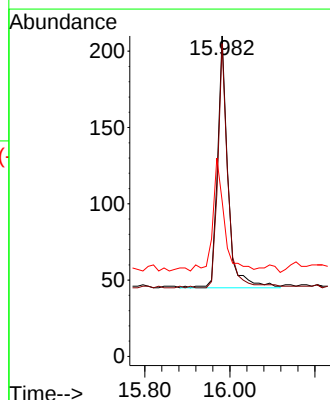
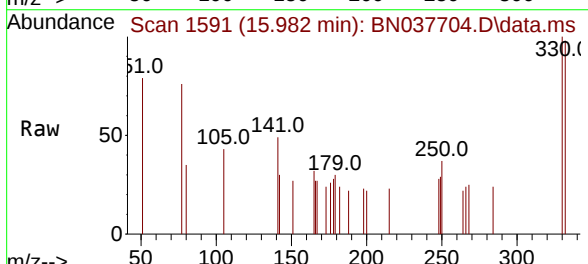


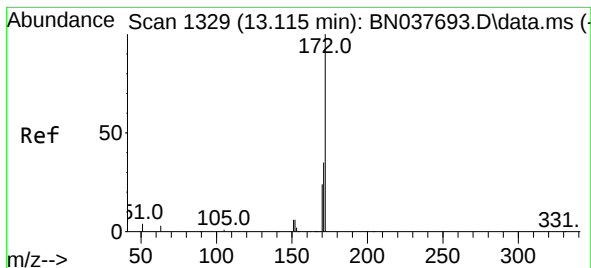
Tgt Ion:164 Resp: 5513
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.1 124.7
 160 55.3 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47

Tgt Ion:330 Resp: 278
 Ion Ratio Lower Upper
 330 100
 332 91.4 75.3 112.9
 141 52.2 35.0 52.4

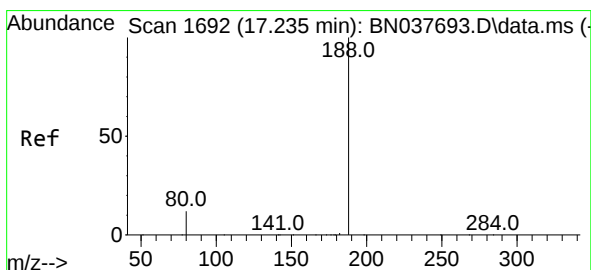
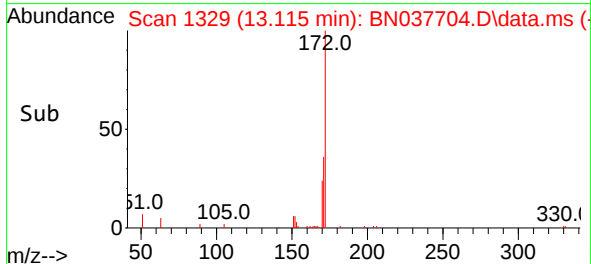
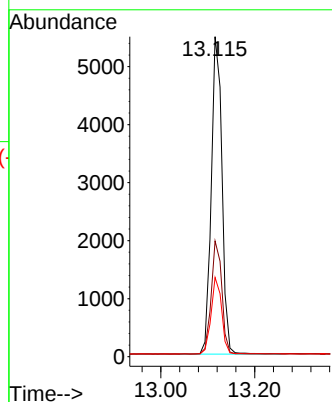
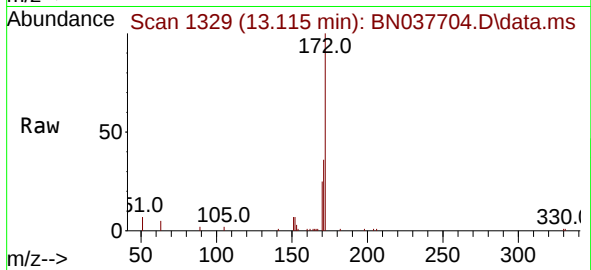




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

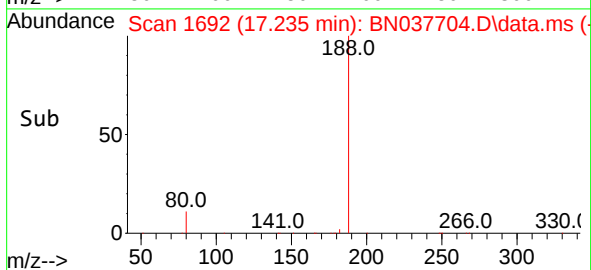
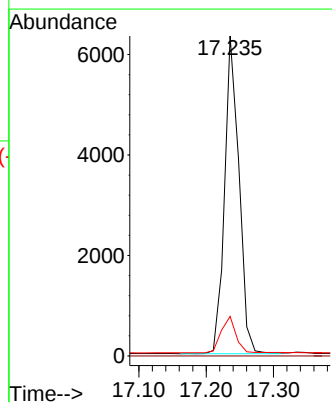
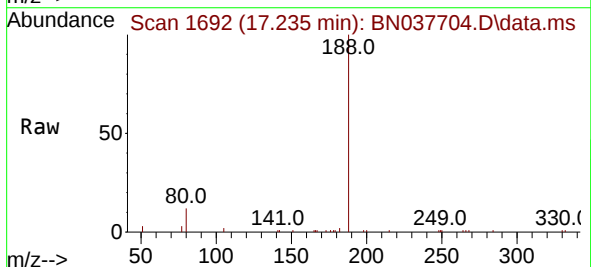
Instrument :
BNA_N
ClientSampleId :

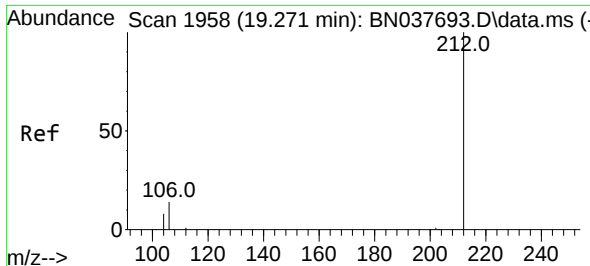
Tgt Ion:172 Resp: 8668
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

Tgt Ion:188 Resp: 9373
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 10.6 15.8

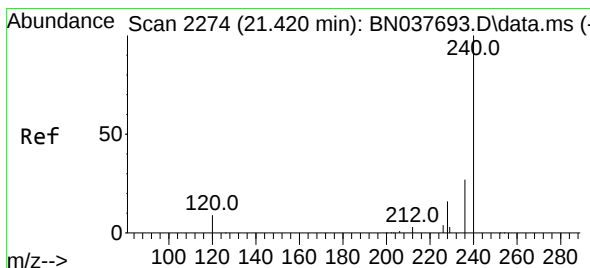
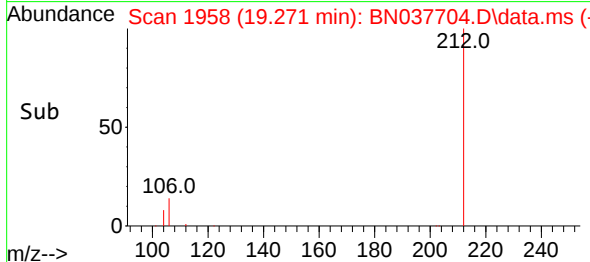
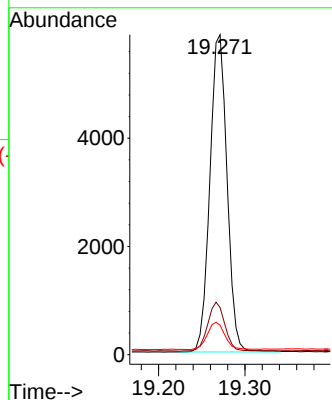
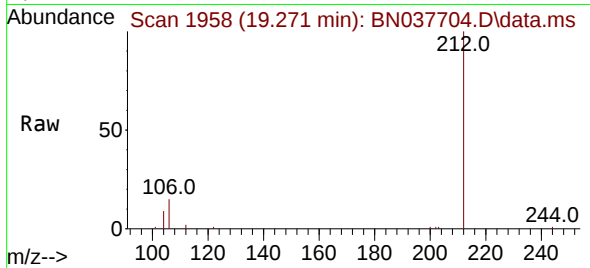




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.271 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

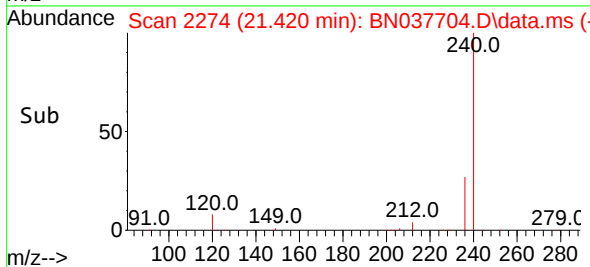
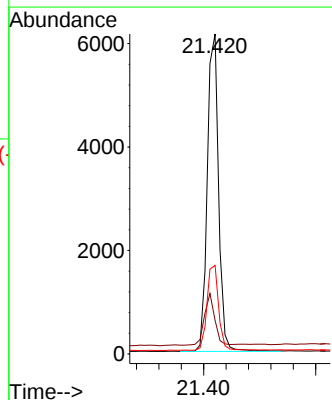
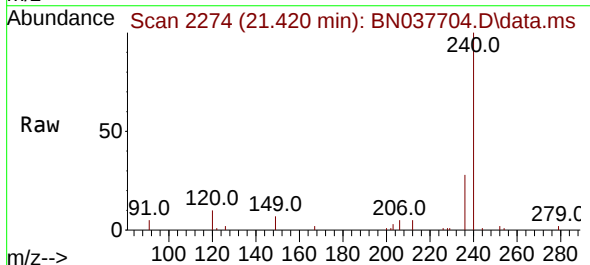
Instrument :
BNA_N
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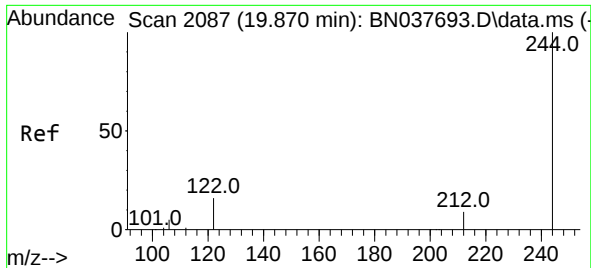
Tgt Ion:212 Resp: 8101
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 8.9 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037704.D
Acq: 11 Sep 2025 17:47

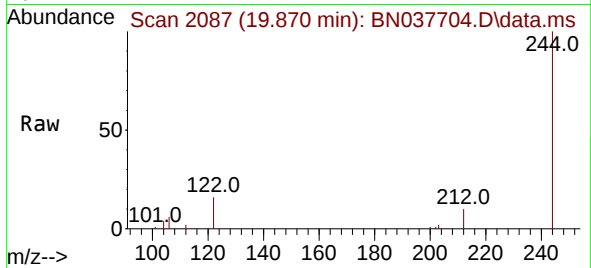
Tgt Ion:240 Resp: 8568
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 27.7 22.6 33.8



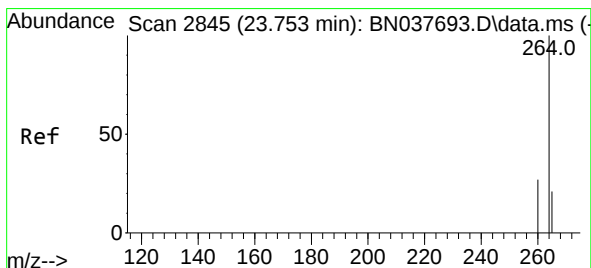
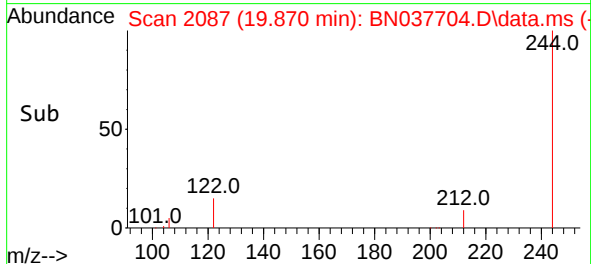
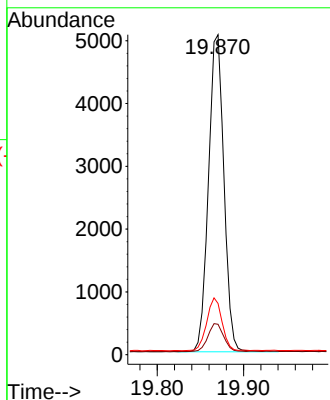


#31
 Terphenyl-d14
 Concen: 0.361 ng
 RT: 19.870 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 6280
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.5 11.3
 122 16.0 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.753 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BN037704.D
 Acq: 11 Sep 2025 17:47

Tgt Ion:264 Resp: 8505
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 51.7 39.4 59.2

