

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037777.D
 Acq On : 18 Sep 2025 15:10
 Operator : RC/JU
 Sample : PB169693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 15:49:26 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)

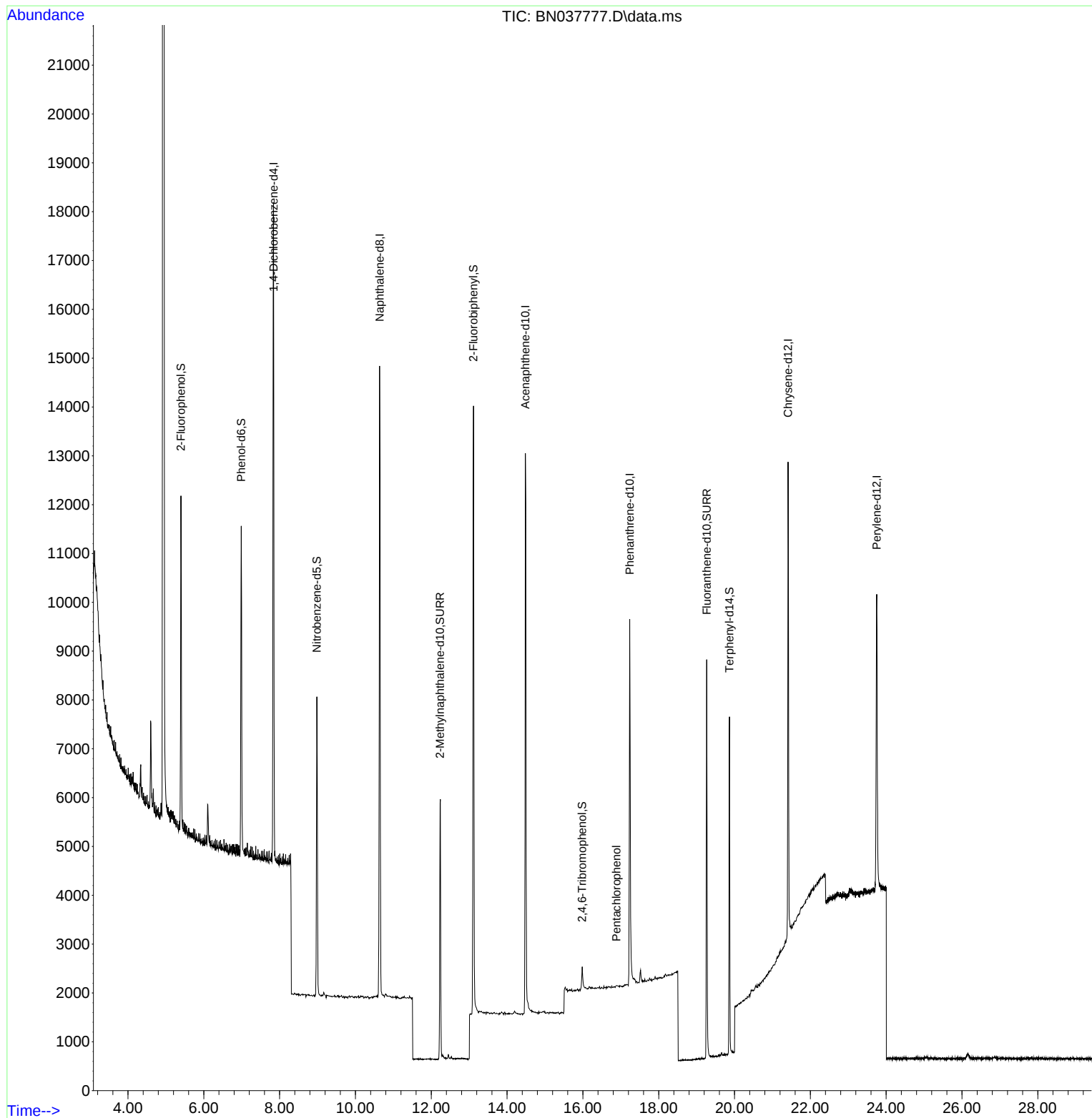
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6667	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17045	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7049	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11652	0.400	ng	0.00
29) Chrysene-d12	21.411	240	9221	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	9002	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5270	0.344	ng	0.00
5) Phenol-d6	6.988	99	6284	0.317	ng	0.00
8) Nitrobenzene-d5	8.982	82	4777	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7427	0.329	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	384	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11632	0.395	ng	0.00
27) Fluoranthene-d10	19.267	212	9319	0.319	ng	0.00
31) Terphenyl-d14	19.866	244	6747	0.361	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.888	266	52	0.020	ng	# 77

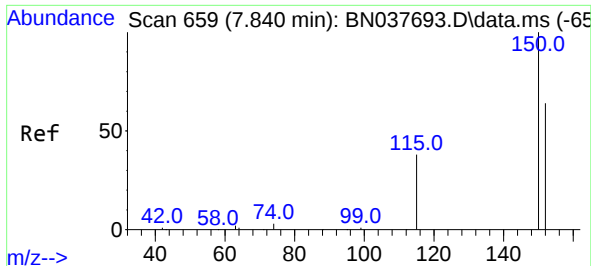
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN037777.D
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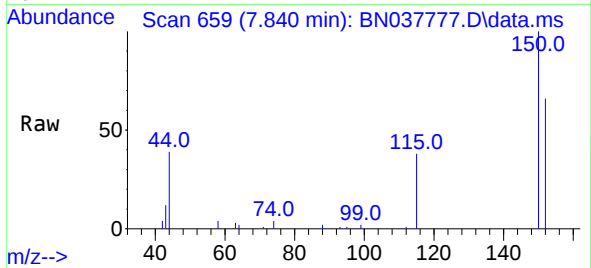
Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



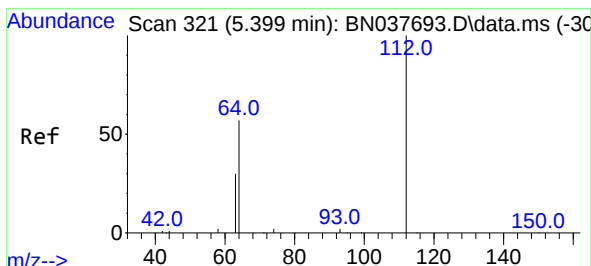
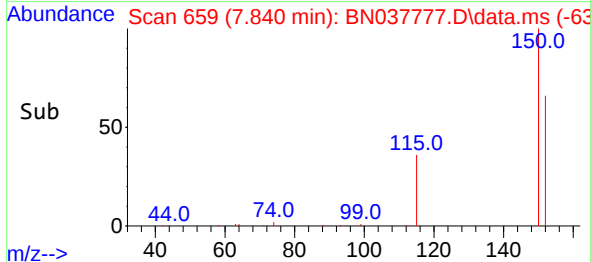
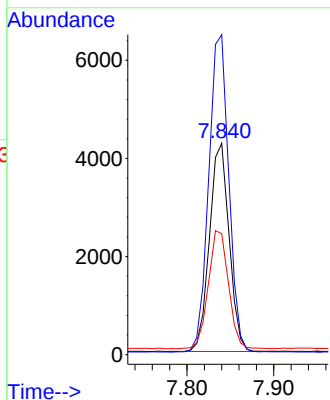


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :

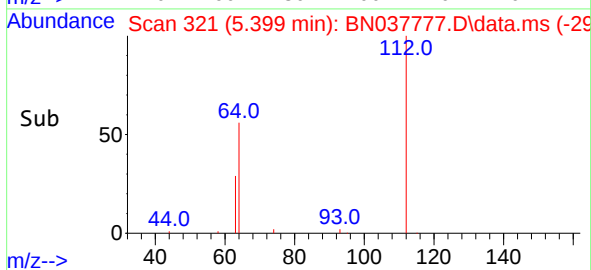
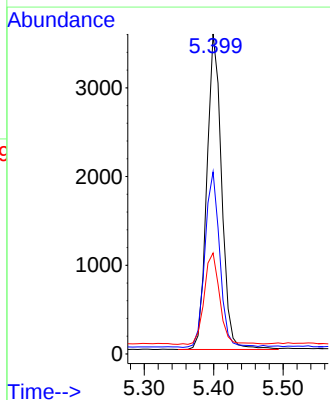
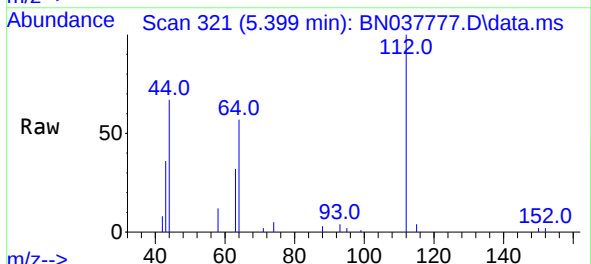


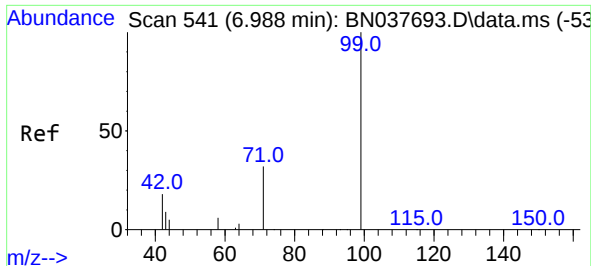
Tgt Ion:152 Resp: 6667
Ion Ratio Lower Upper
152 100
150 151.3 124.5 186.7
115 57.2 49.2 73.8



#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

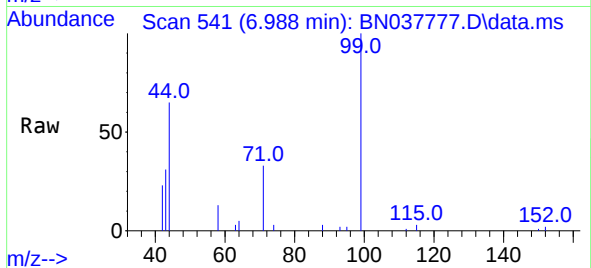
Tgt Ion:112 Resp: 5270
Ion Ratio Lower Upper
112 100
64 55.6 44.9 67.3
63 30.1 24.7 37.1



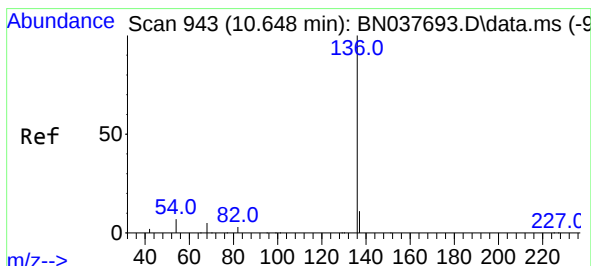
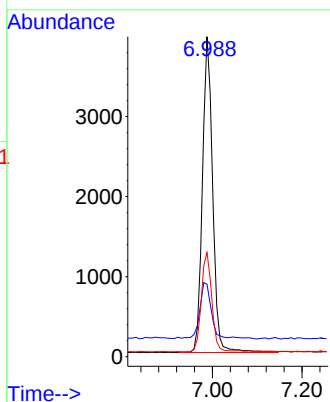
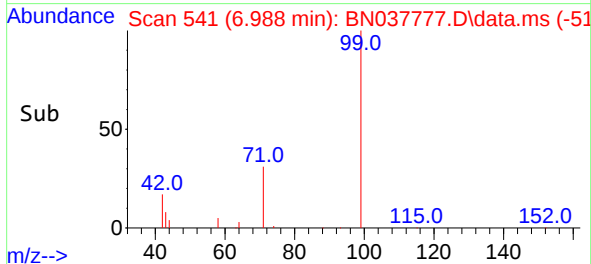


#5
Phenol-d6
Concen: 0.317 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

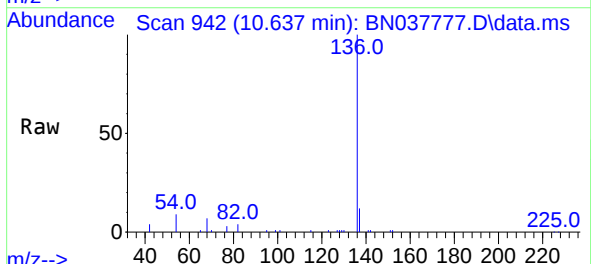
Instrument :
BNA_N
ClientSampleId :



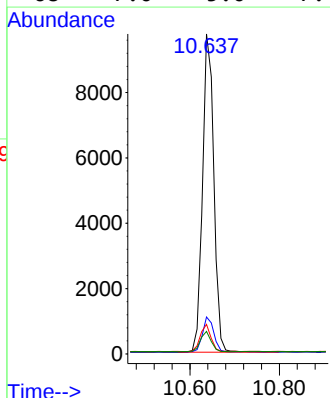
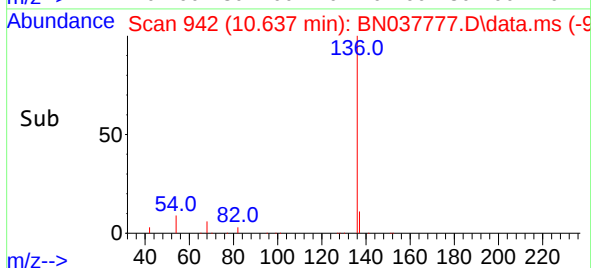
Tgt Ion: 99 Resp: 6284
Ion Ratio Lower Upper
99 100
42 19.0 16.6 24.8
71 31.6 26.7 40.1

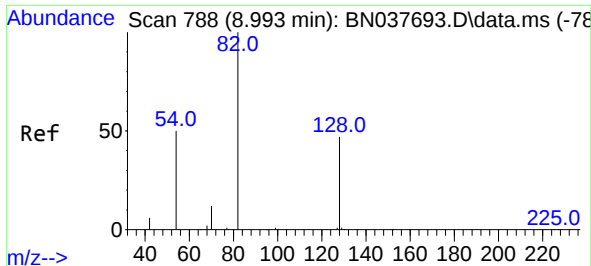


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10



Tgt Ion: 136 Resp: 17045
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.3 6.3 9.5
68 7.0 5.0 7.4

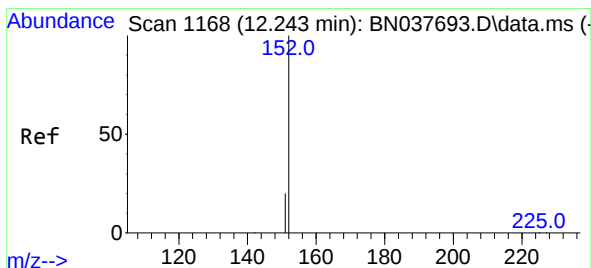
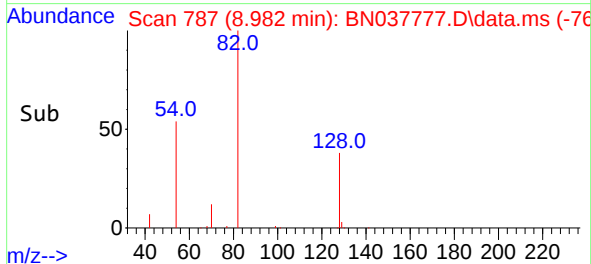
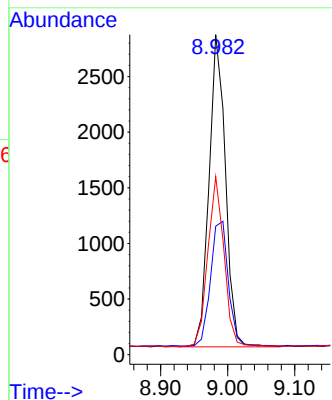
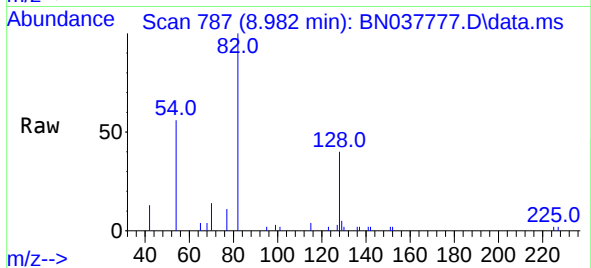




#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

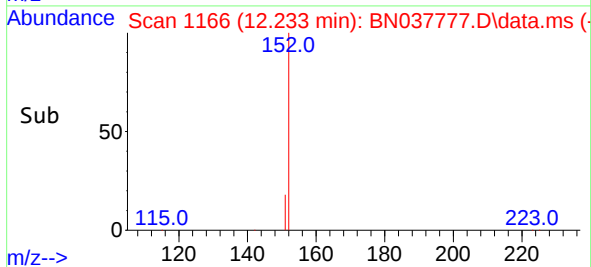
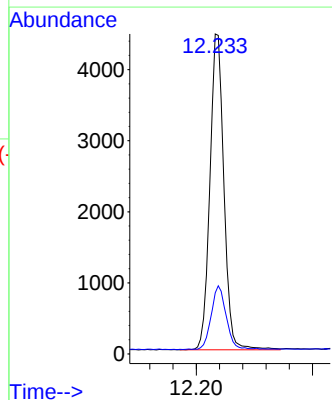
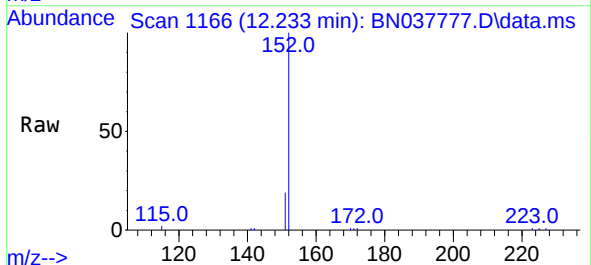
Instrument :
BNA_N
ClientSampleId :

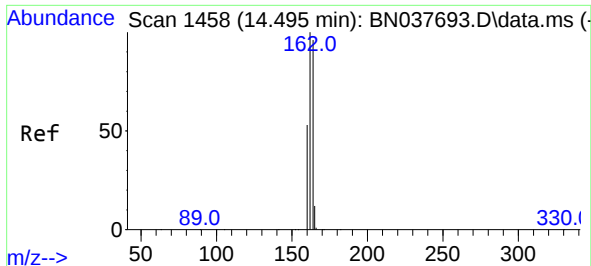
Tgt Ion: 82 Resp: 4777
Ion Ratio Lower Upper
82 100
128 40.2 38.3 57.5
54 55.6 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

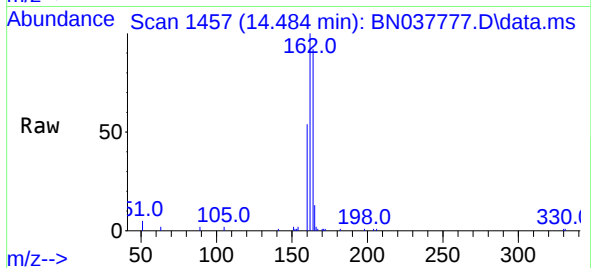
Tgt Ion: 152 Resp: 7427
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



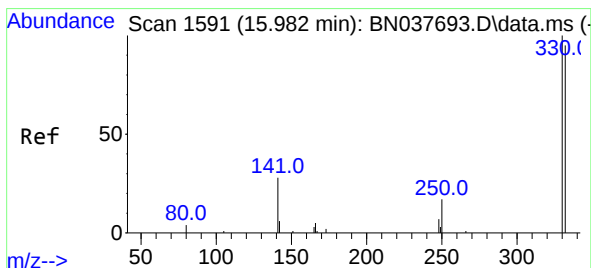
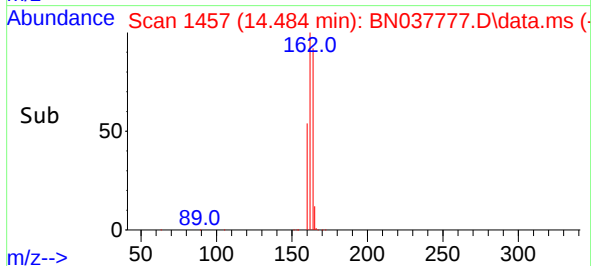
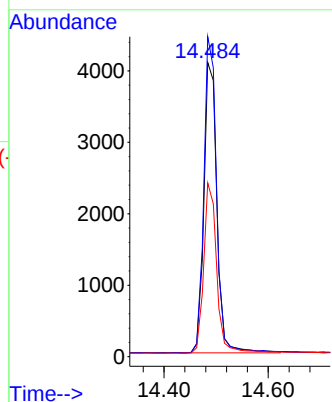


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :

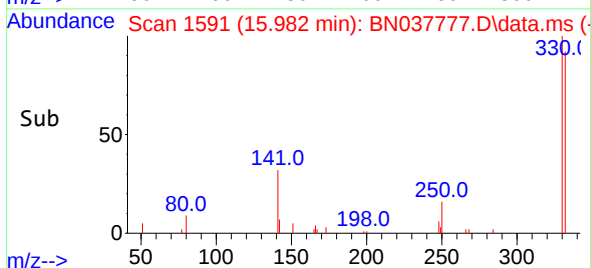
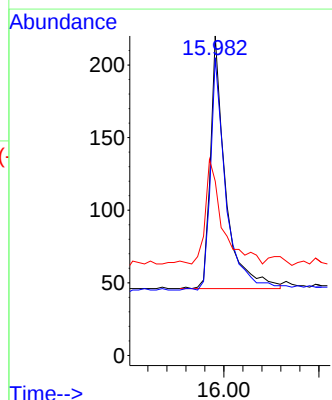
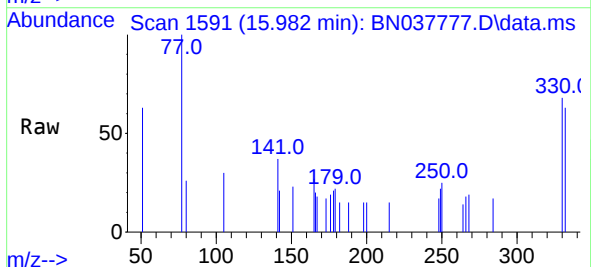


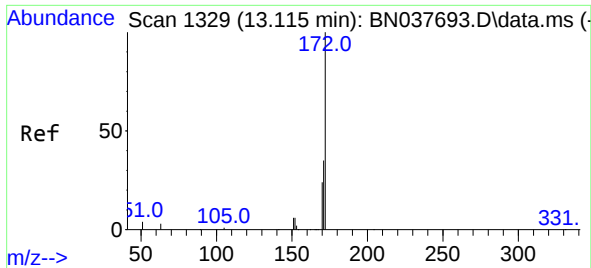
Tgt Ion:164 Resp: 7049
Ion Ratio Lower Upper
164 100
162 108.8 83.1 124.7
160 59.1 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 94.0 75.3 112.9
141 46.1 35.0 52.4

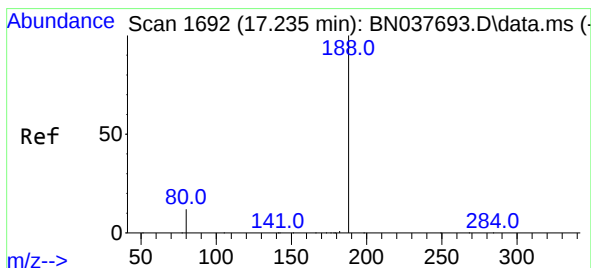
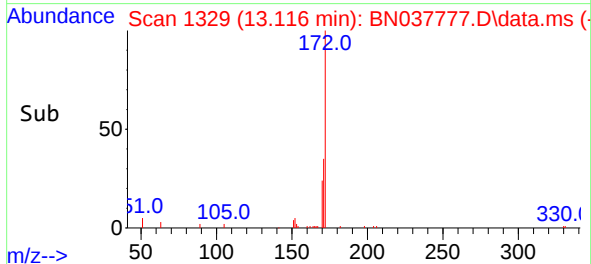
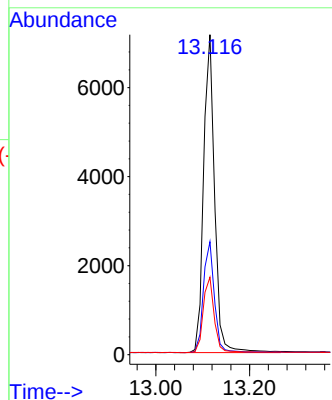
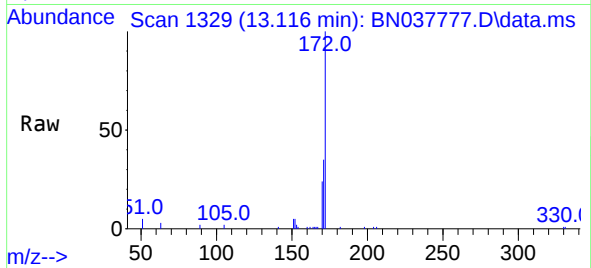




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.116 min Scan# 11632
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

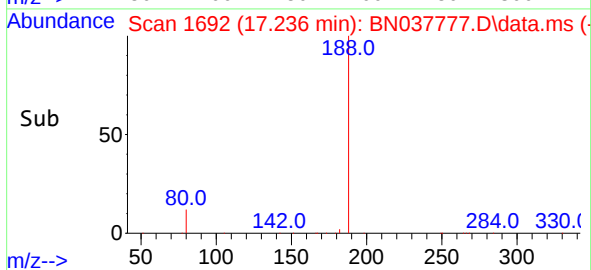
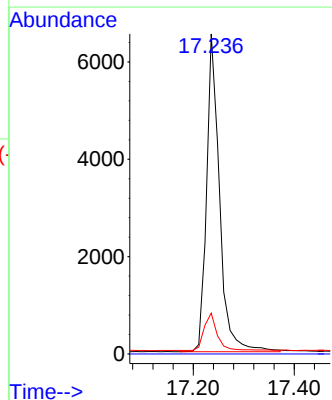
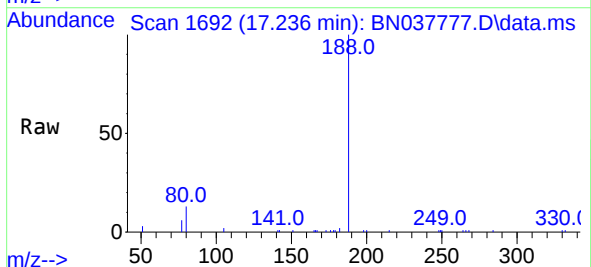
Instrument :
BNA_N
ClientSampleId :

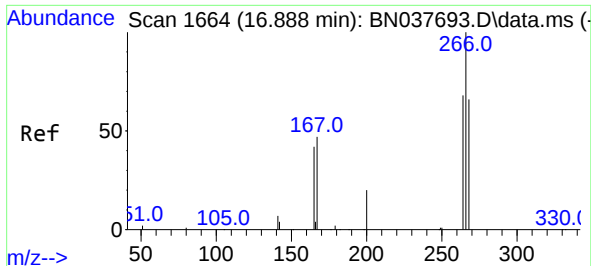
Tgt Ion:172	Resp:	11632
Ion	Ratio	Lower Upper
172	100	
171	35.3	28.6 43.0
170	24.2	19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

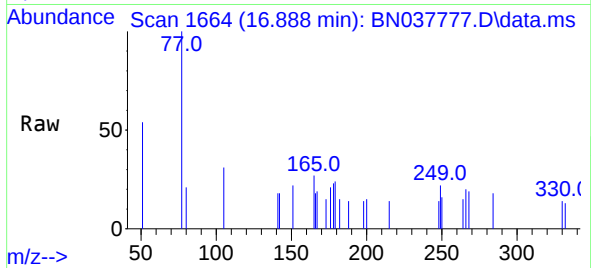
Tgt Ion:188	Resp:	11652
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	12.7	10.6 15.8



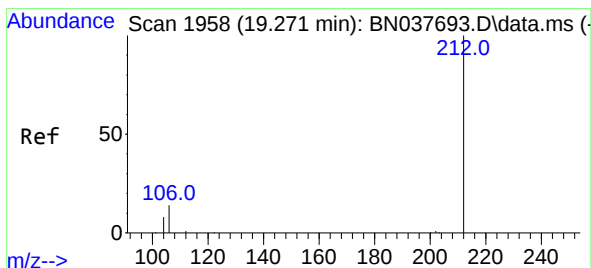
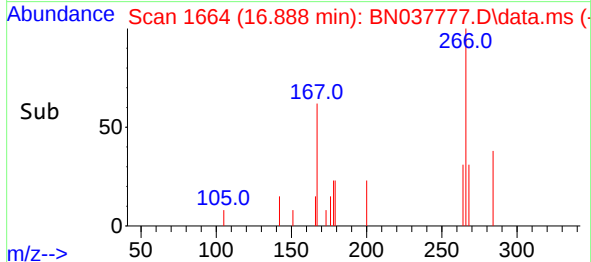
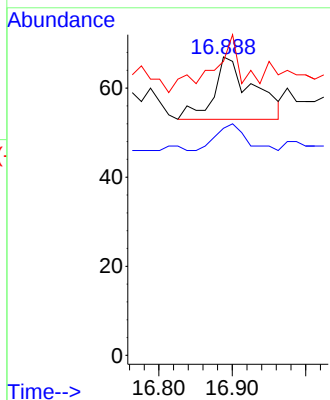


#24
 Pentachlorophenol
 Concen: 0.020 ng
 RT: 16.888 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Instrument :
 BNA_N
 ClientSampleId :

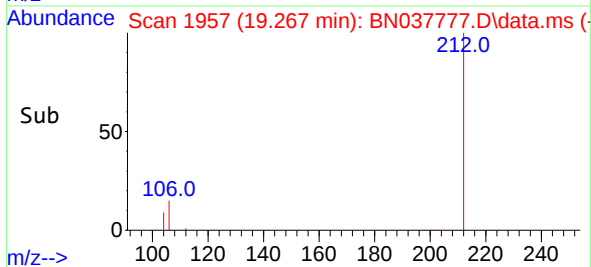
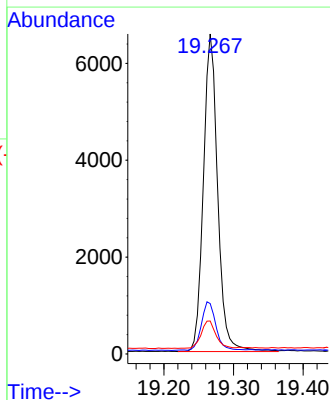
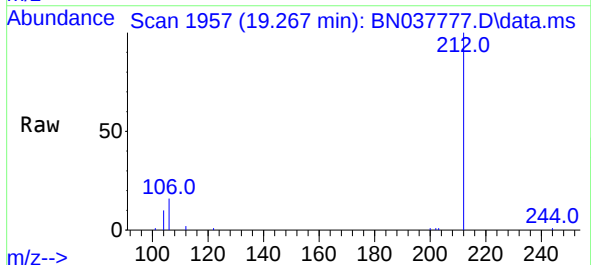


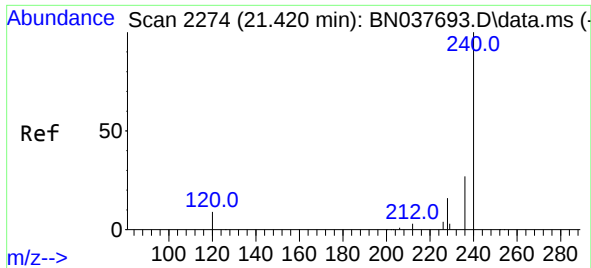
Tgt Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 30.8 51.6 77.4#
 268 69.2 53.2 79.8



#27
 Fluoranthene-d10
 Concen: 0.319 ng
 RT: 19.267 min Scan# 1957
 Delta R.T. -0.005 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

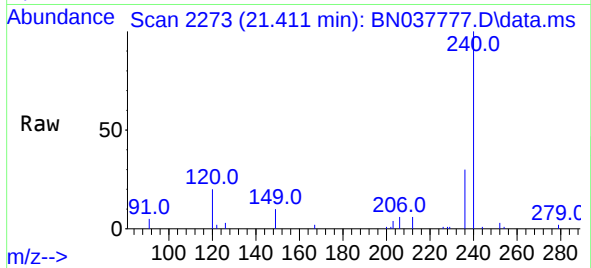
Tgt Ion:212 Resp: 9319
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.2 18.2
 104 8.9 6.9 10.3



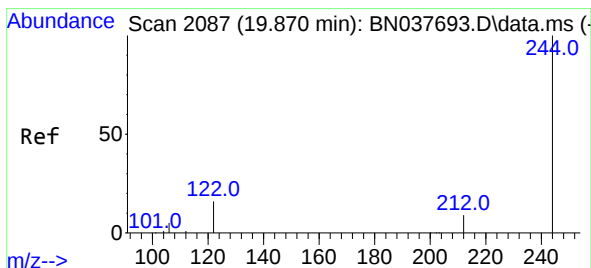
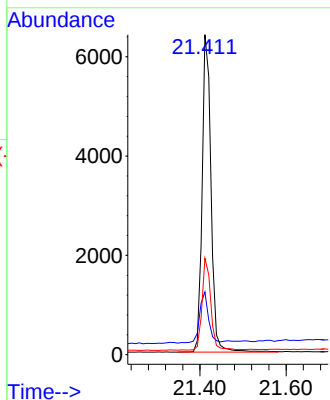


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :

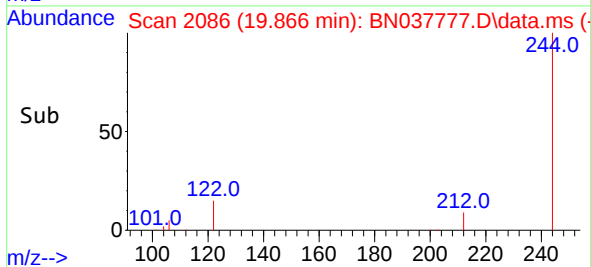
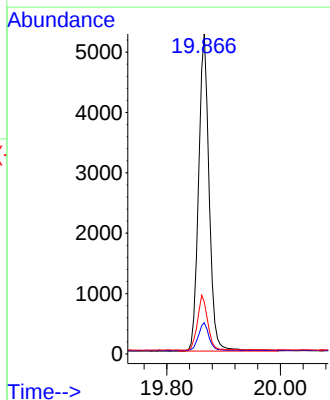
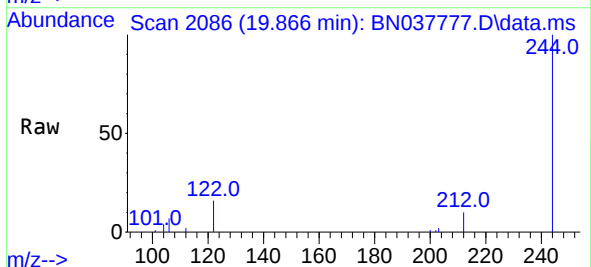


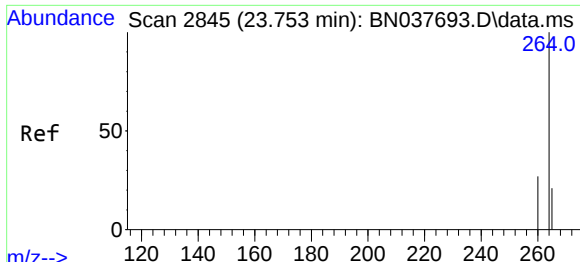
Tgt Ion:240 Resp: 9221
Ion Ratio Lower Upper
240 100
120 19.6 9.2 13.8#
236 30.1 22.6 33.8



#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

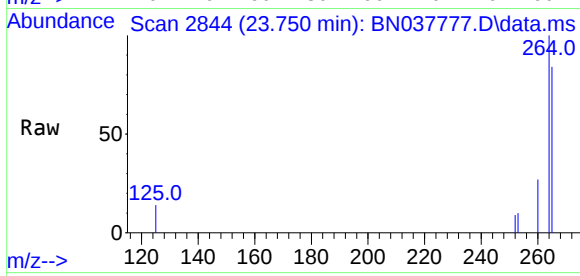
Tgt Ion:244 Resp: 6747
Ion Ratio Lower Upper
244 100
212 9.8 7.5 11.3
122 16.2 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 9002

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	83.6	39.4	59.2#

