

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037760.D
 Acq On : 18 Sep 2025 03:22
 Operator : RC/JU
 Sample : PB169692BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 05:28:42 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)

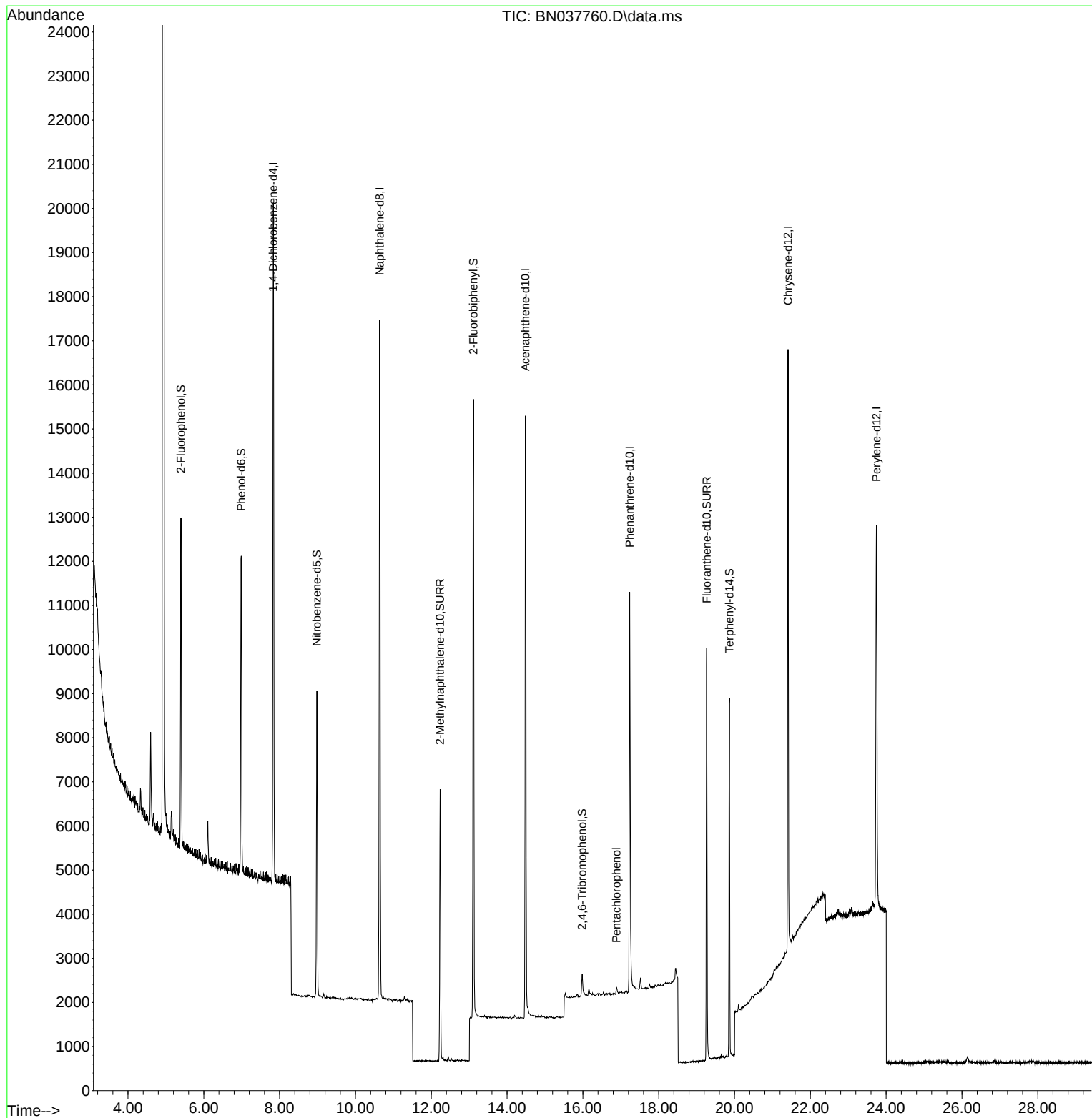
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7534	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20043	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8587	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13948	0.400	ng	0.00
29) Chrysene-d12	21.411	240	11666	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	12789	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5920	0.342	ng	0.00
5) Phenol-d6	6.988	99	6972	0.311	ng	0.00
8) Nitrobenzene-d5	8.982	82	5229	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	8516	0.321	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	410	0.183	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12989	0.362	ng	0.00
27) Fluoranthene-d10	19.266	212	10826	0.309	ng	0.00
31) Terphenyl-d14	19.866	244	7809	0.330	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.888	266	103	0.034	ng	Qvalue 86

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

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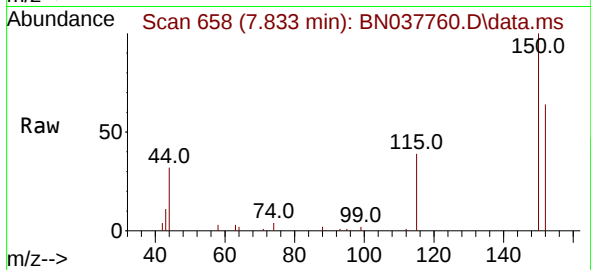
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



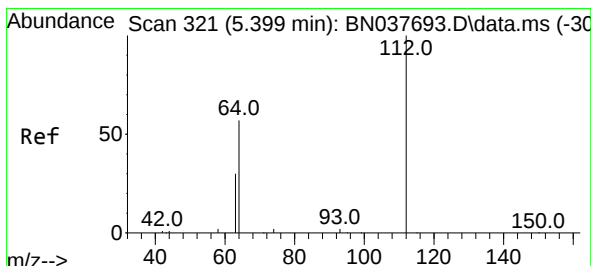
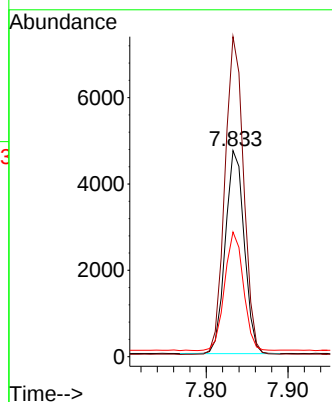
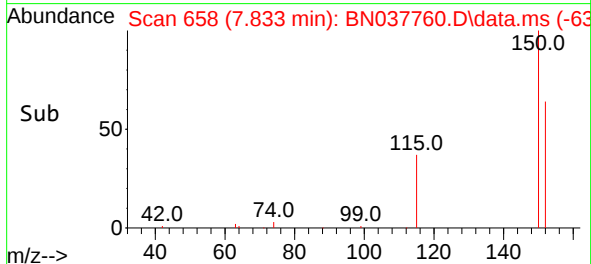


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 659
 Delta R.T. -0.007 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

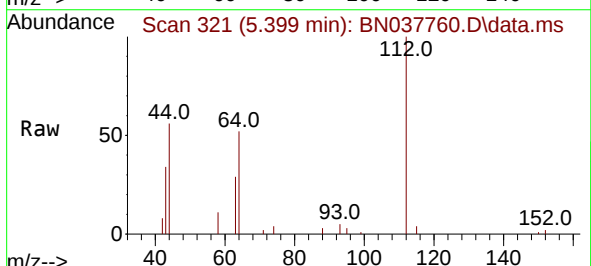
Instrument :
 BNA_N
 ClientSampleId :



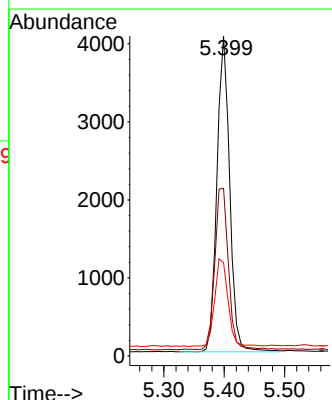
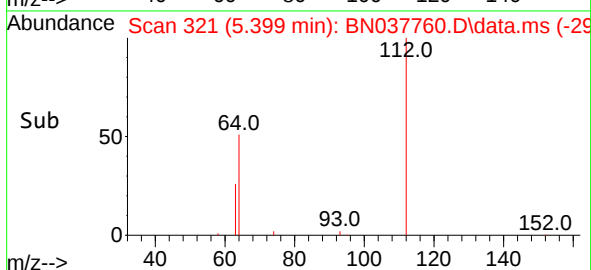
Tgt Ion:152 Resp: 7534
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 60.5 49.2 73.8

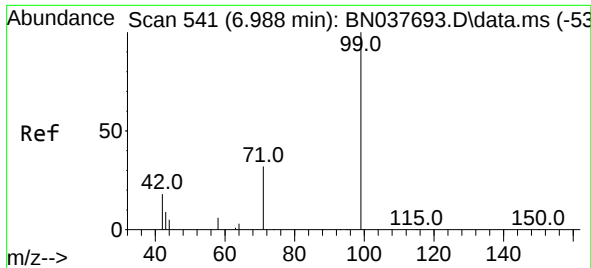


#4
 2-Fluorophenol
 Concen: 0.342 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22



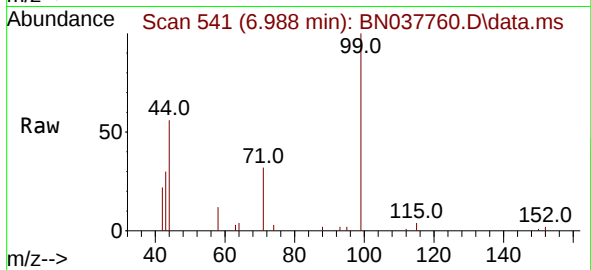
Tgt Ion:112 Resp: 5920
 Ion Ratio Lower Upper
 112 100
 64 54.5 44.9 67.3
 63 29.4 24.7 37.1





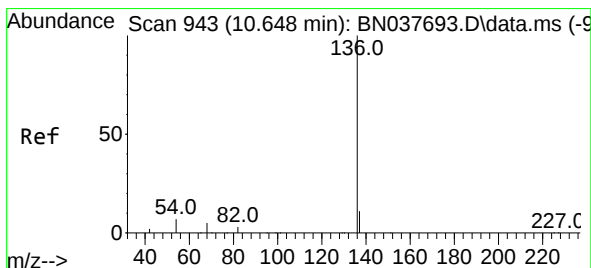
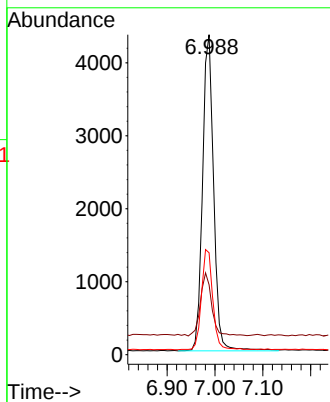
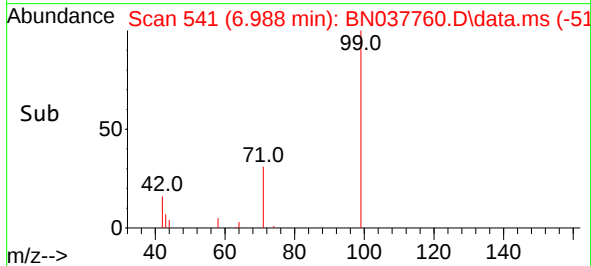
#5
Phenol-d6
Concen: 0.311 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22

Instrument :
BNA_N
ClientSampleId :

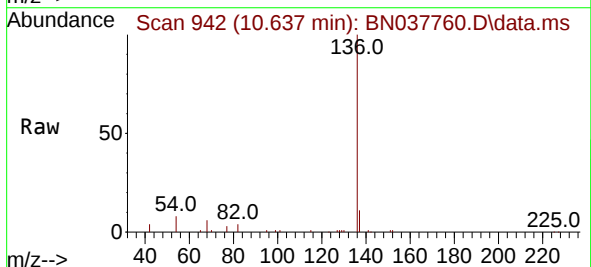


Tgt Ion: 99 Resp: 6972

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.6	24.8
71	32.4	26.7	40.1

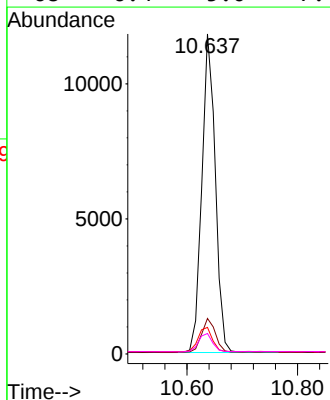
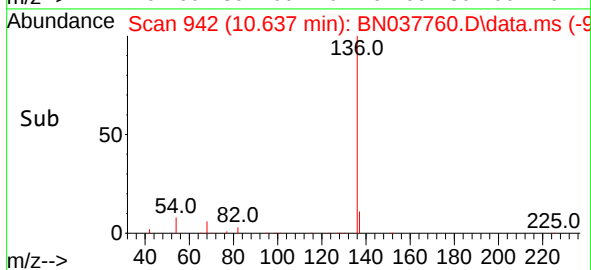


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22



Tgt Ion: 136 Resp: 20043

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.3	6.3	9.5
68	6.4	5.0	7.4

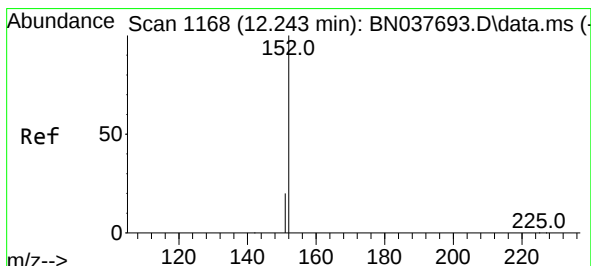
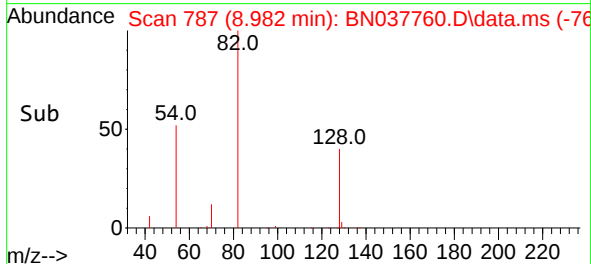
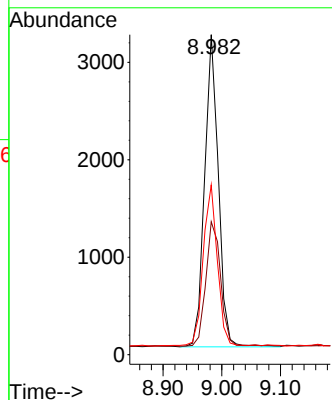
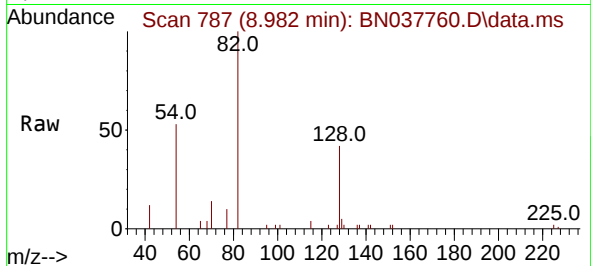




#8
 Nitrobenzene-d5
 Concen: 0.357 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

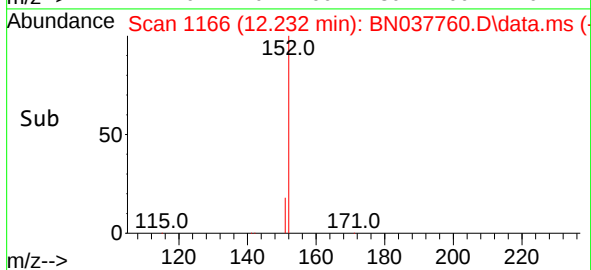
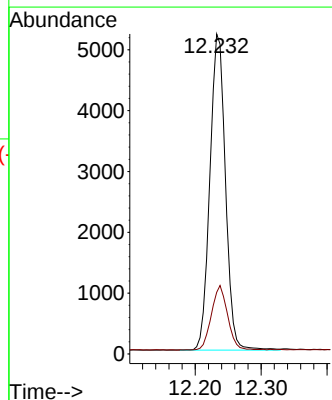
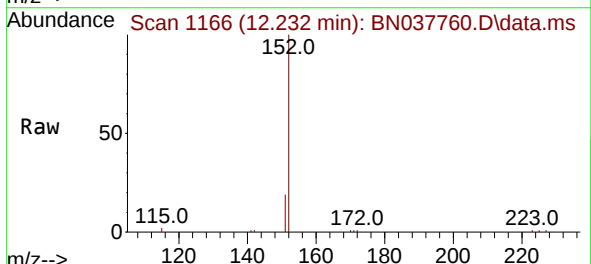
Instrument :
 BNA_N
 ClientSampleId :

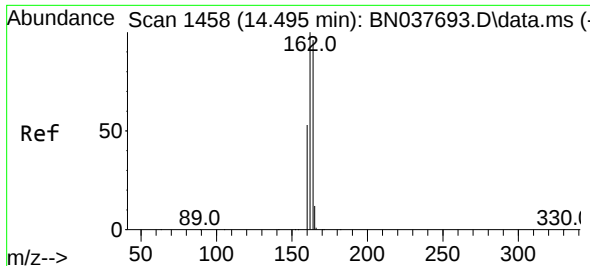
Tgt Ion: 82 Resp: 5229
 Ion Ratio Lower Upper
 82 100
 128 41.5 38.3 57.5
 54 53.0 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 12.232 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

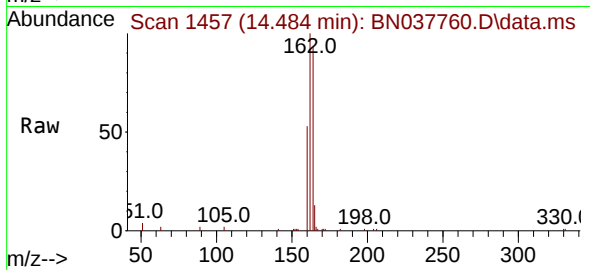
Tgt Ion: 152 Resp: 8516
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.0 25.6



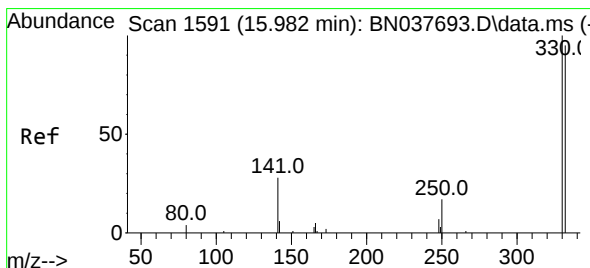
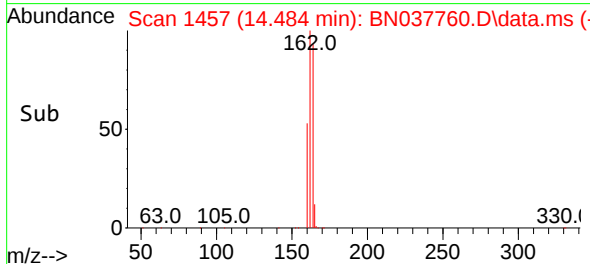
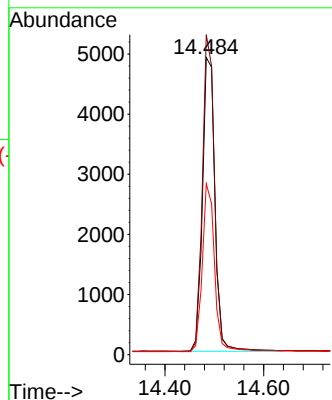


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

Instrument :
 BNA_N
 ClientSampleId :

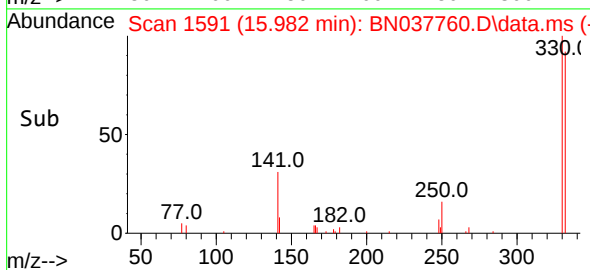
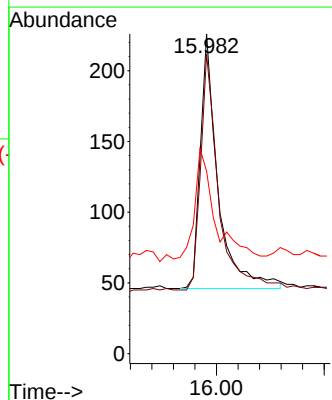
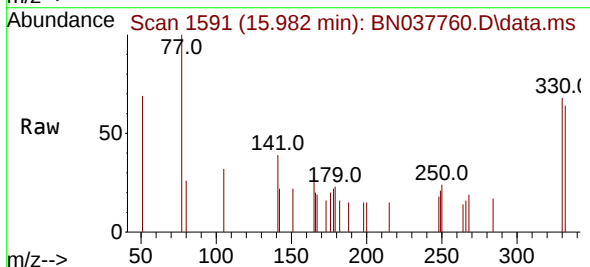


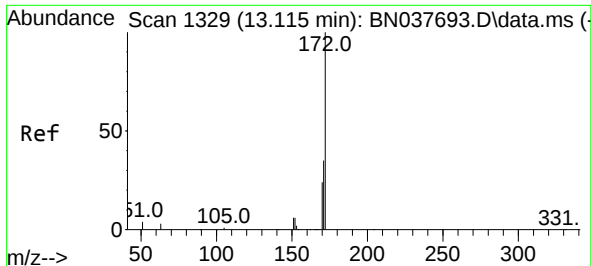
Tgt Ion:164 Resp: 8587
 Ion Ratio Lower Upper
 164 100
 162 107.7 83.1 124.7
 160 57.5 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.183 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

Tgt Ion:330 Resp: 410
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.3 112.9
 141 50.0 35.0 52.4

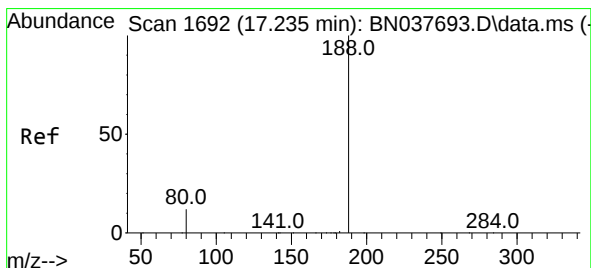
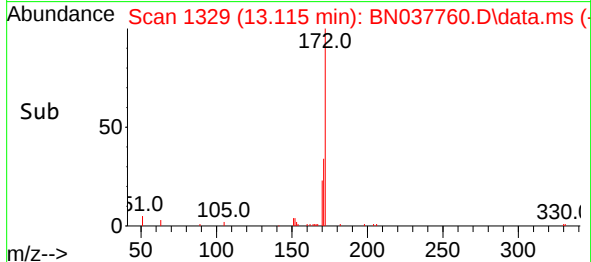
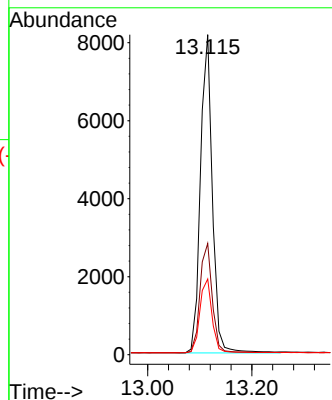
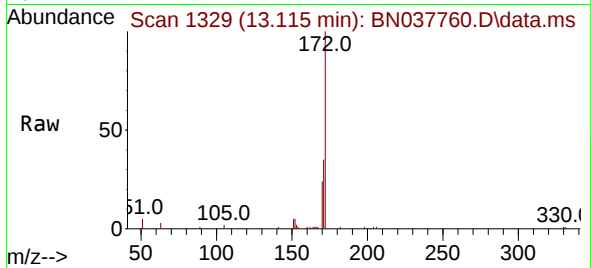




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22

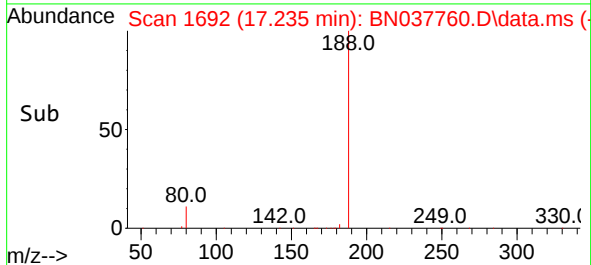
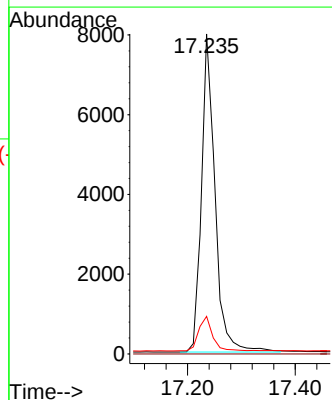
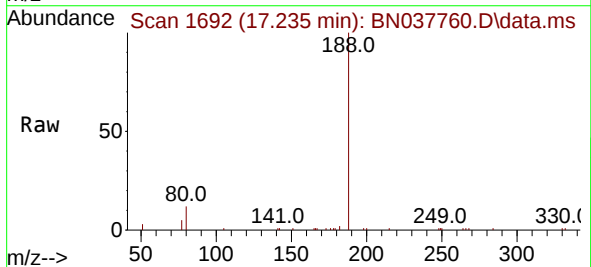
Instrument :
BNA_N
ClientSampleId :

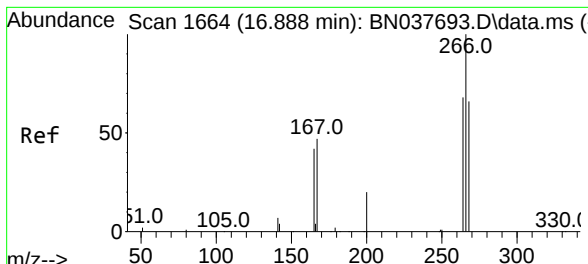
Tgt Ion:172 Resp: 12989
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.7 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22

Tgt Ion:188 Resp: 13948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.6 15.8

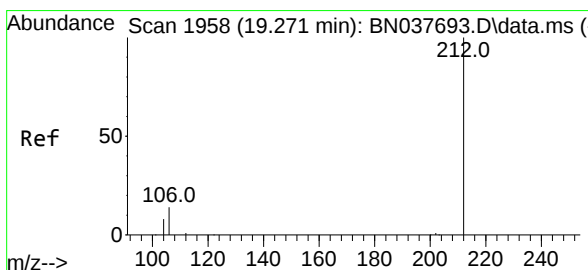
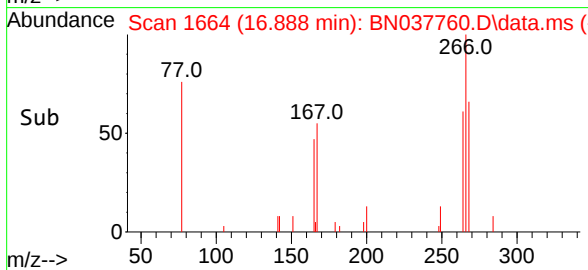
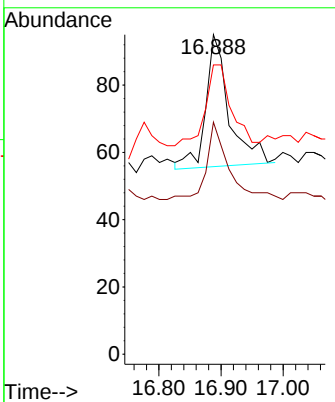
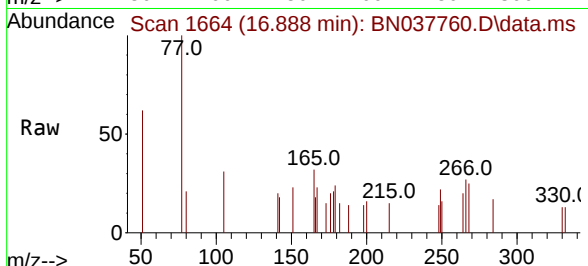




#24
 Pentachlorophenol
 Concen: 0.034 ng
 RT: 16.888 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

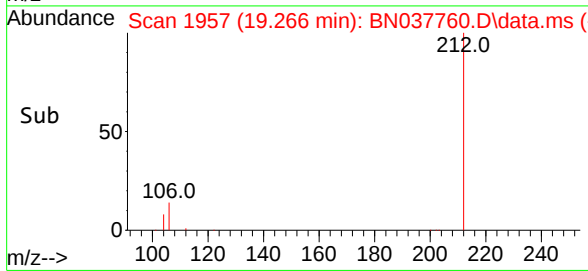
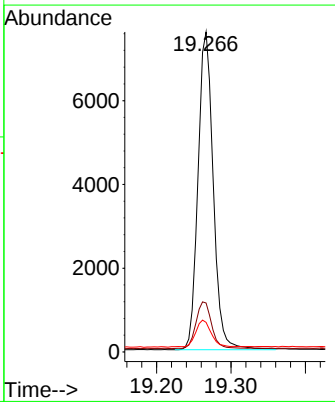
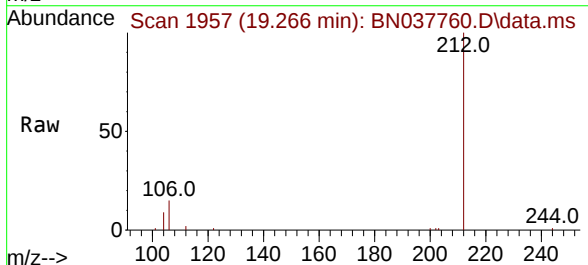
Instrument :
 BNA_N
 ClientSampleId :

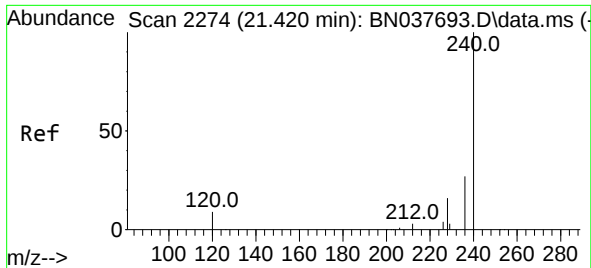
Tgt Ion:	266	Resp:	103
Ion Ratio	Lower	Upper	
266	100		
264	55.3	51.6	77.4
268	79.6	53.2	79.8



#27
 Fluoranthene-d10
 Concen: 0.309 ng
 RT: 19.266 min Scan# 1957
 Delta R.T. -0.005 min
 Lab File: BN037760.D
 Acq: 18 Sep 2025 03:22

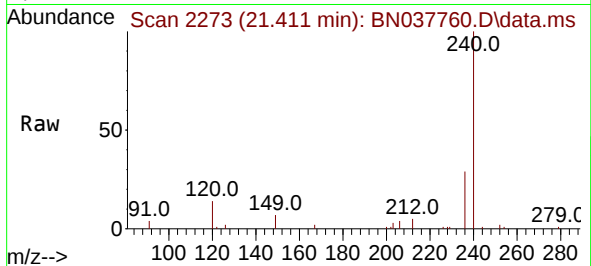
Tgt Ion:	212	Resp:	10826
Ion Ratio	Lower	Upper	
212	100		
106	15.0	12.2	18.2
104	8.9	6.9	10.3



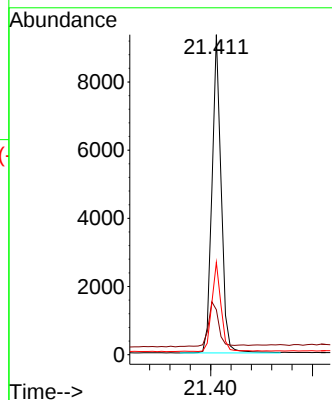
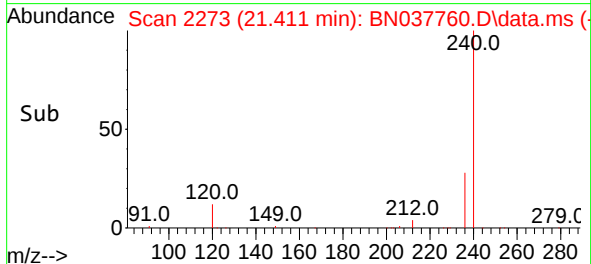


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22

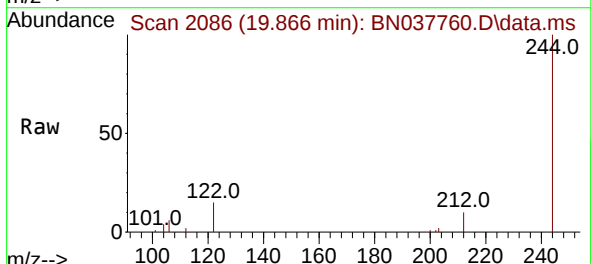
Instrument :
BNA_N
ClientSampleId :



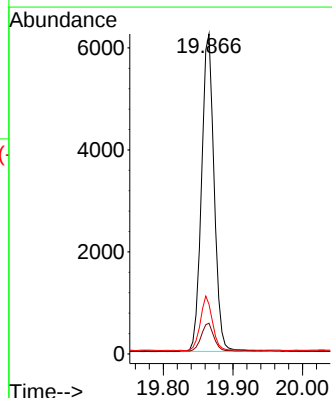
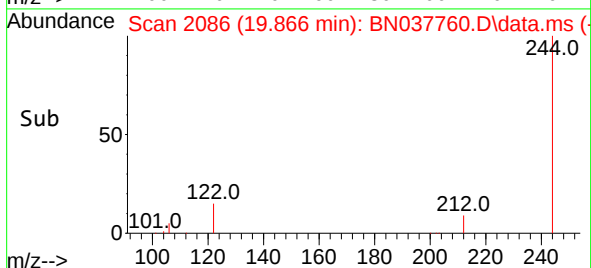
Tgt Ion:240 Resp: 11666
Ion Ratio Lower Upper
240 100
120 14.1 9.2 13.8#
236 28.8 22.6 33.8

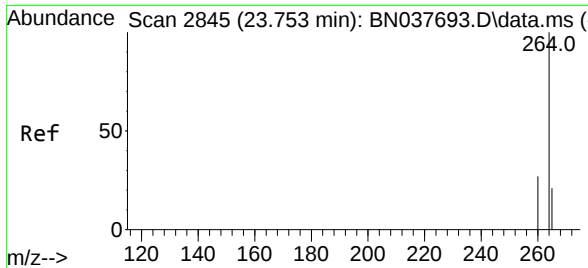


#31
Terphenyl-d14
Concen: 0.330 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22



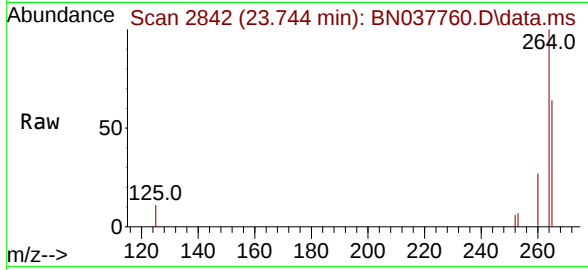
Tgt Ion:244 Resp: 7809
Ion Ratio Lower Upper
244 100
212 9.6 7.5 11.3
122 15.5 13.2 19.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037760.D
Acq: 18 Sep 2025 03:22

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 12789

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	64.0	39.4	59.2#

