

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037741.D
 Acq On : 17 Sep 2025 12:02
 Operator : RC/JU
 Sample : PB169692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 12:51:54 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)

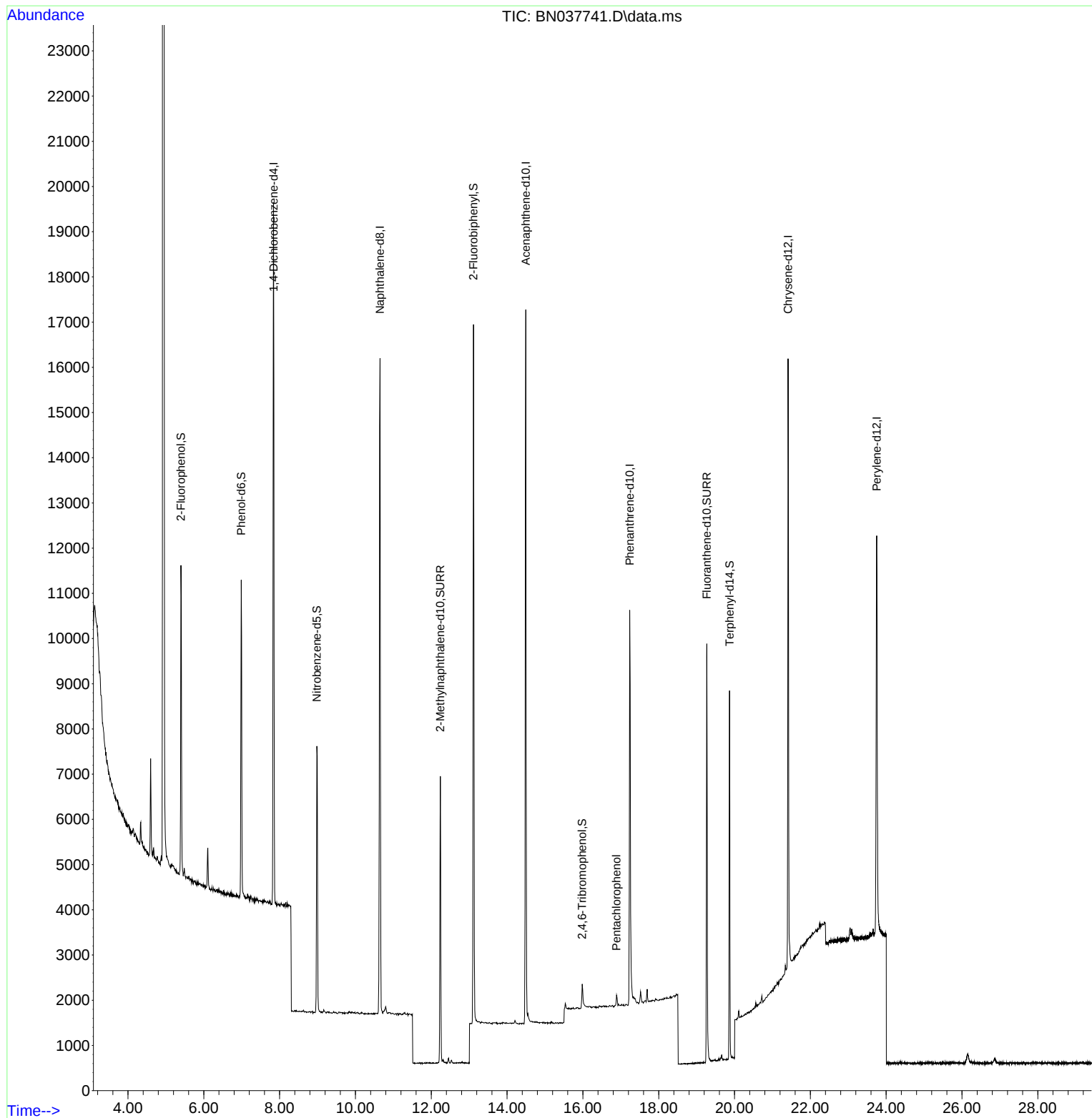
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	7434	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	20202	0.400	ng	# 0.00
13) Acenaphthene-d10	14.494	164	8991	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	14614	0.400	ng	0.00
29) Chrysene-d12	21.411	240	12468	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	13022	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5588	0.327	ng	0.00
5) Phenol-d6	6.988	99	6691	0.302	ng	0.00
8) Nitrobenzene-d5	8.982	82	4866	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	8483	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	473	0.202	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13040	0.347	ng	0.00
27) Fluoranthene-d10	19.271	212	10845	0.296	ng	0.00
31) Terphenyl-d14	19.870	244	8091	0.320	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.888	266	198	0.062	ng	Qvalue 92

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

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BNA_N
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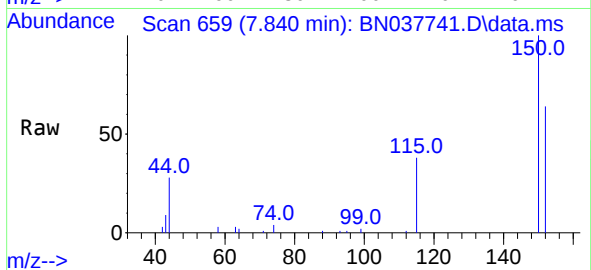
Quant Time: Sep 17 12:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



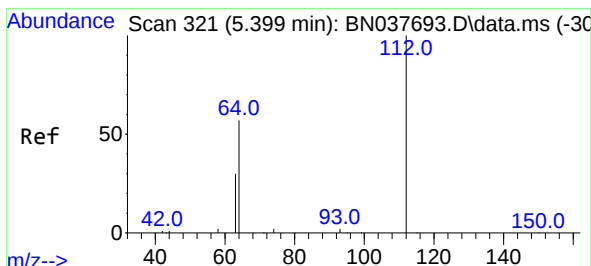
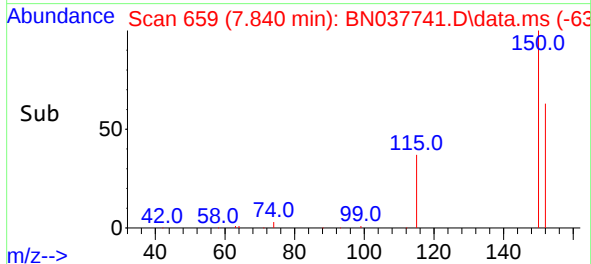
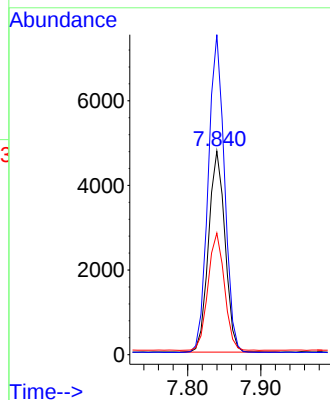


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

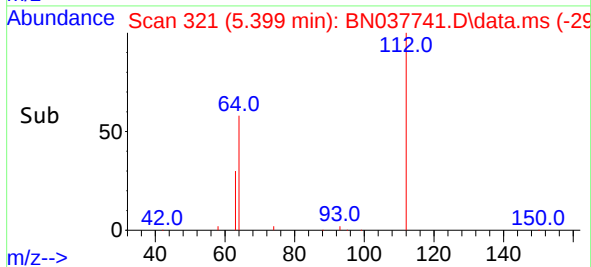
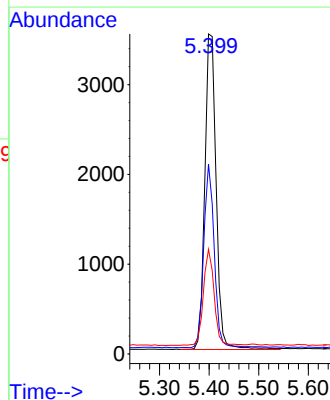
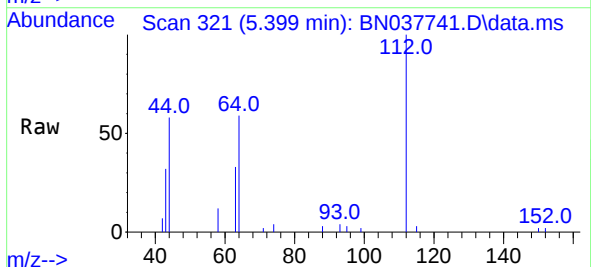


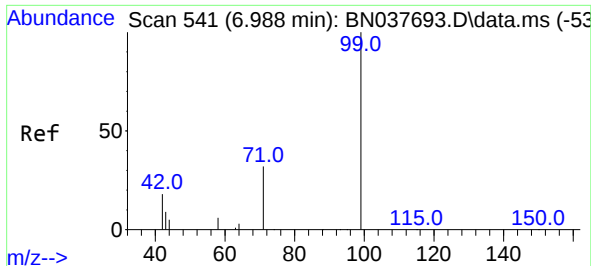
Tgt Ion:152 Resp: 7434
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 59.8 49.2 73.8



#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

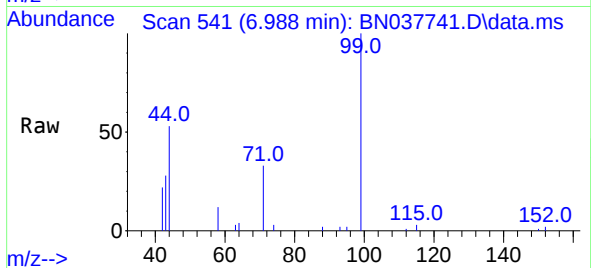
Tgt Ion:112 Resp: 5588
Ion Ratio Lower Upper
112 100
64 54.7 44.9 67.3
63 28.7 24.7 37.1



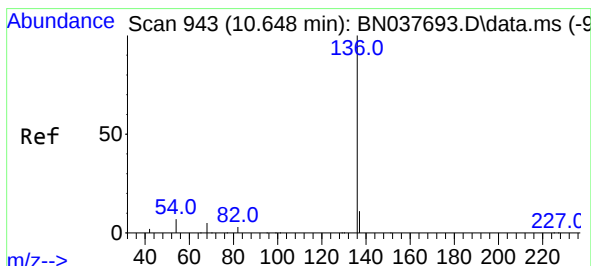
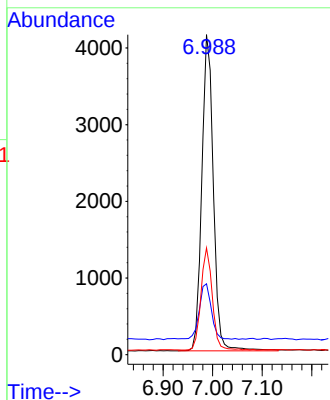
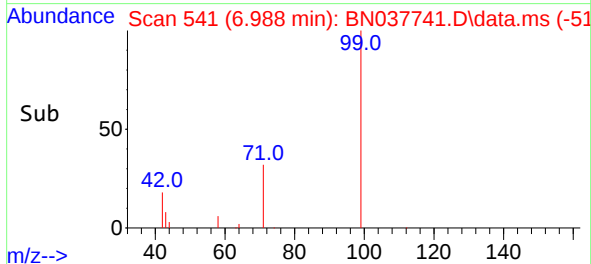


#5
Phenol-d6
Concen: 0.302 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

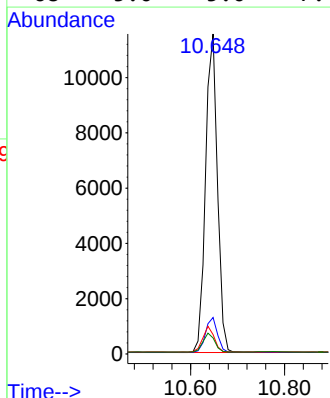
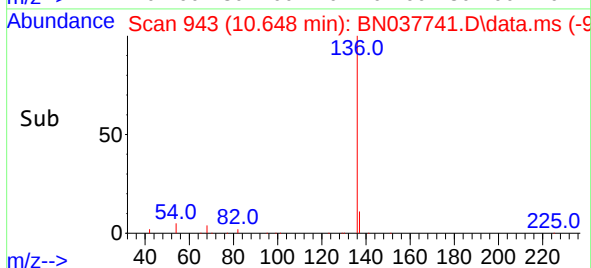
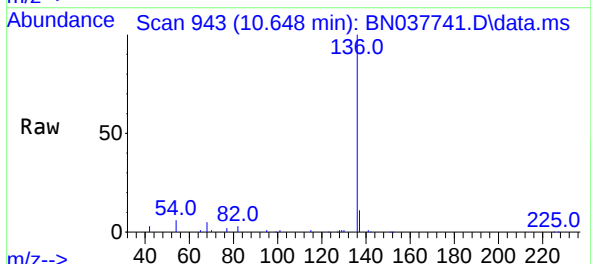


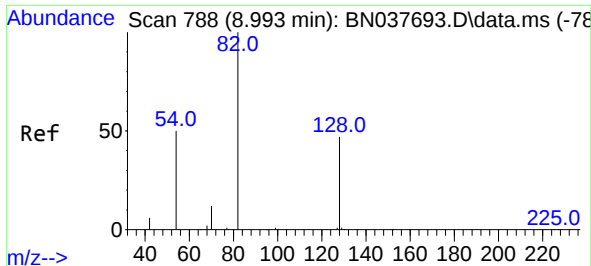
Tgt Ion: 99 Resp: 6691
Ion Ratio Lower Upper
99 100
42 18.1 16.6 24.8
71 31.7 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

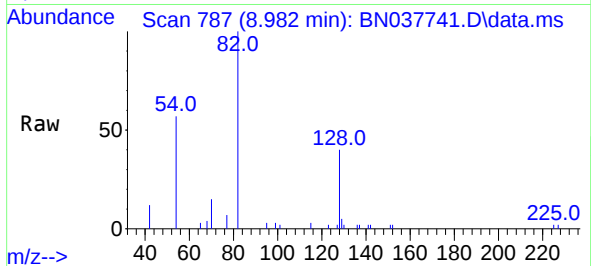
Tgt Ion: 136 Resp: 20202
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.0 6.3 9.5#
68 5.0 5.0 7.4



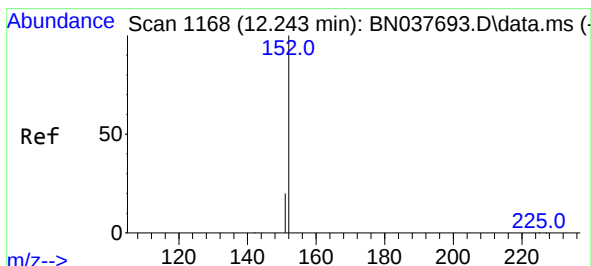
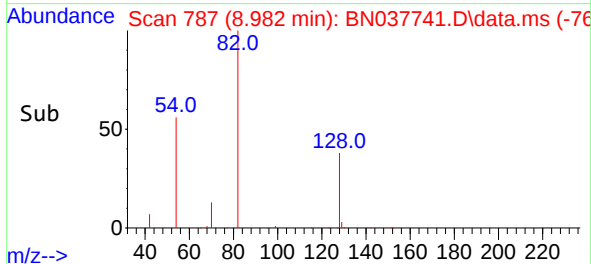
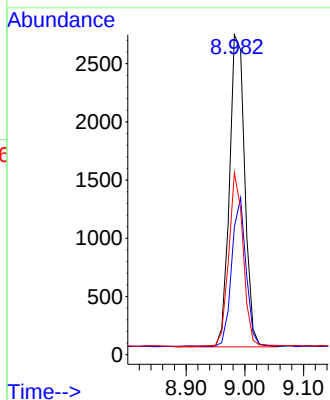


#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

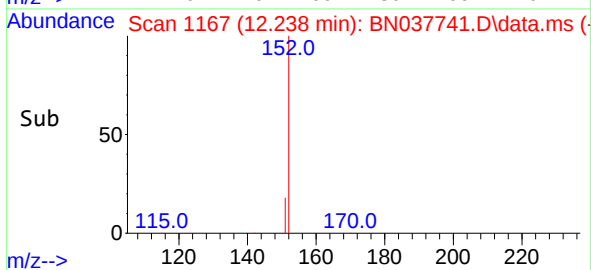
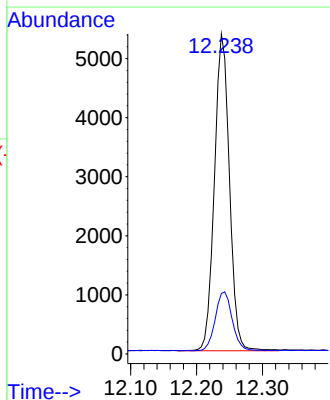
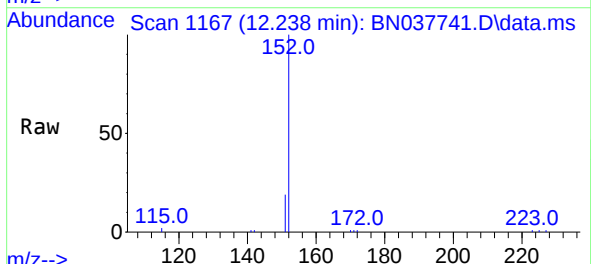


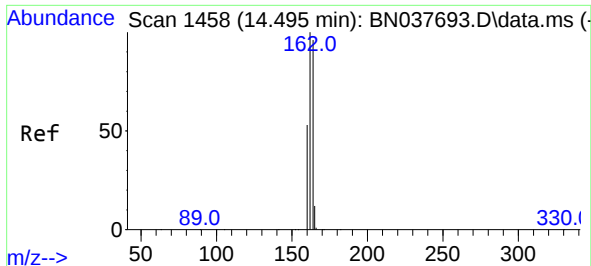
Tgt Ion: 82 Resp: 4866
Ion Ratio Lower Upper
82 100
128 39.9 38.3 57.5
54 56.9 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

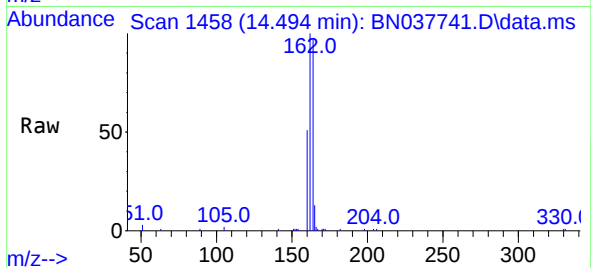
Tgt Ion: 152 Resp: 8483
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



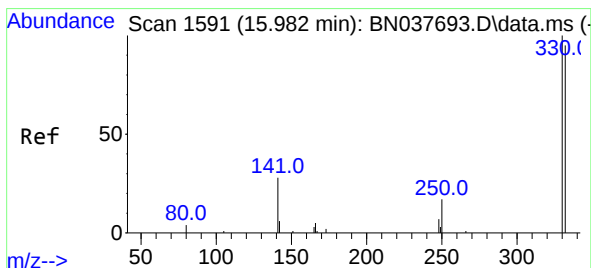
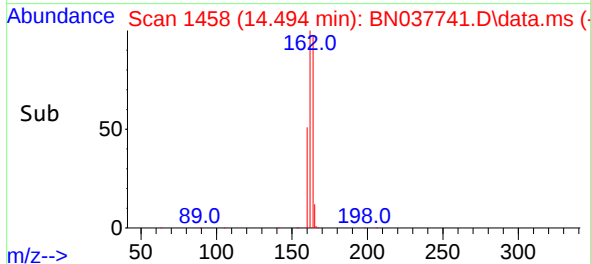
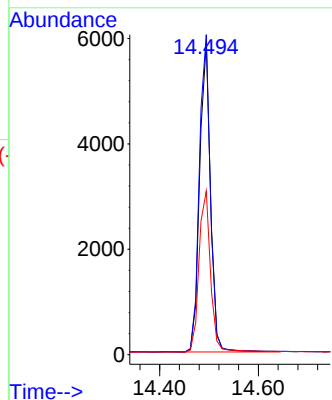


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

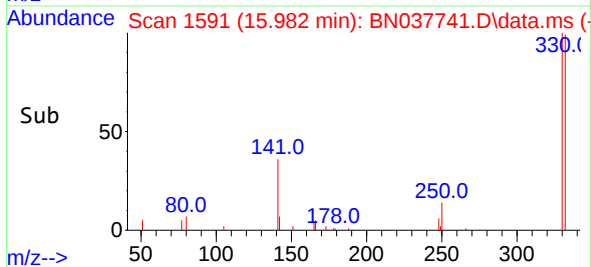
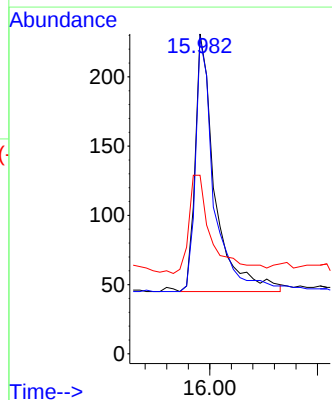
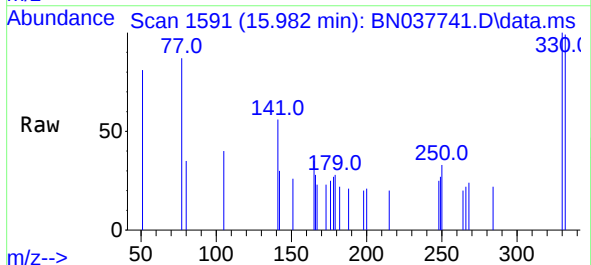


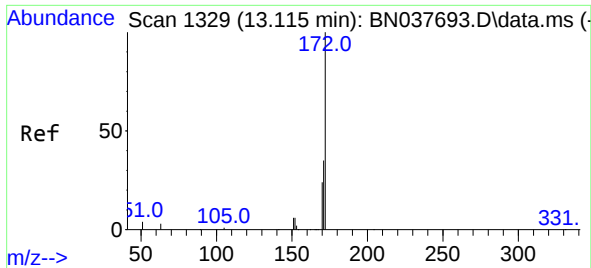
Tgt Ion:164 Resp: 8991
Ion Ratio Lower Upper
164 100
162 102.6 83.1 124.7
160 52.5 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Tgt Ion:330 Resp: 473
Ion Ratio Lower Upper
330 100
332 92.4 75.3 112.9
141 44.8 35.0 52.4

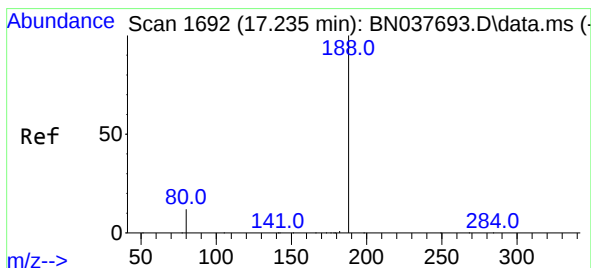
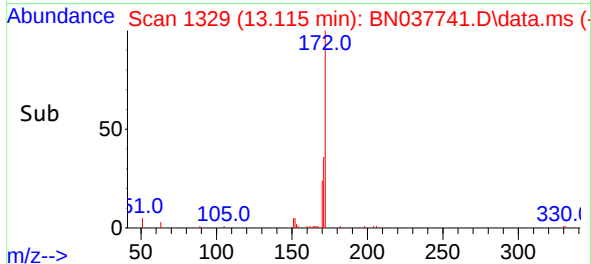
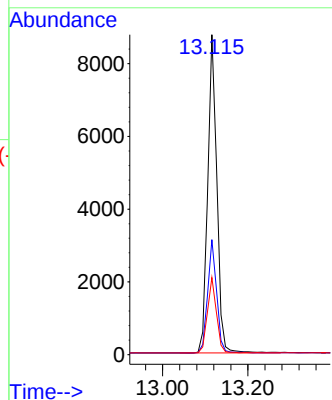
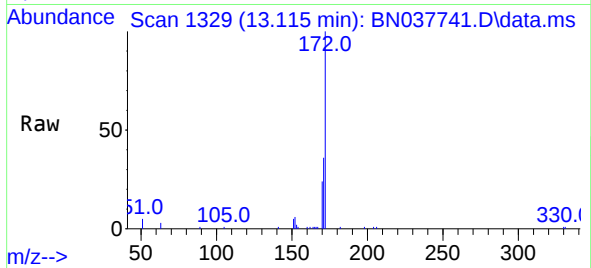




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

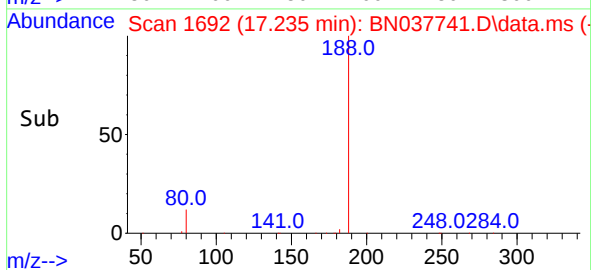
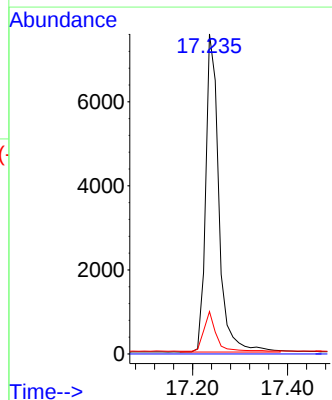
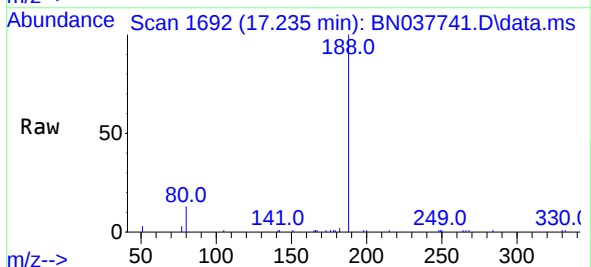
Instrument :
BNA_N
ClientSampleId :

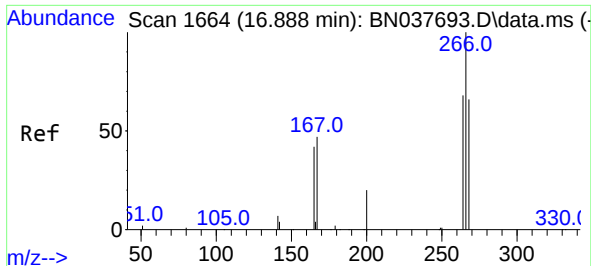
Tgt Ion:172 Resp: 13040
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

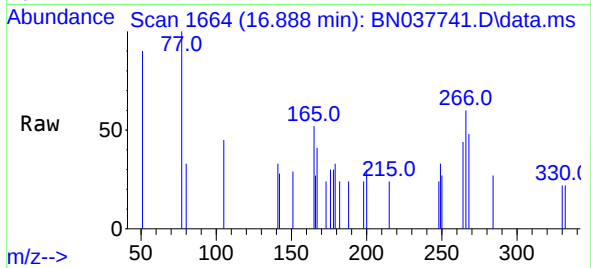
Tgt Ion:188 Resp: 14614
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 10.6 15.8





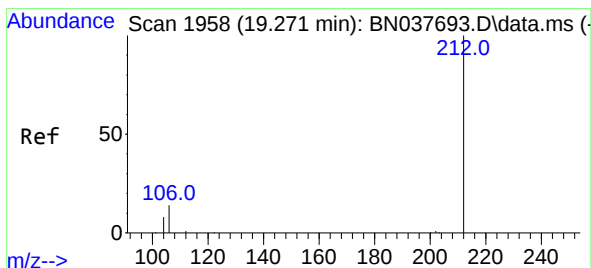
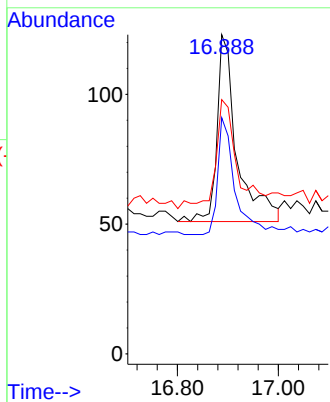
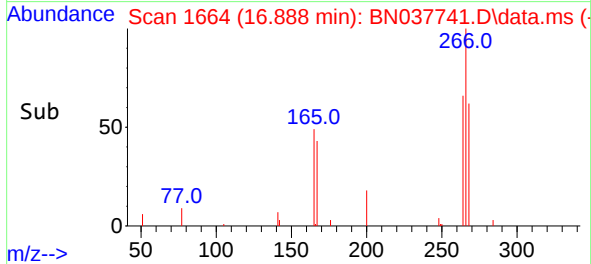
#24
 Pentachlorophenol
 Concen: 0.062 ng
 RT: 16.888 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Instrument :
 BNA_N
 ClientSampleId :

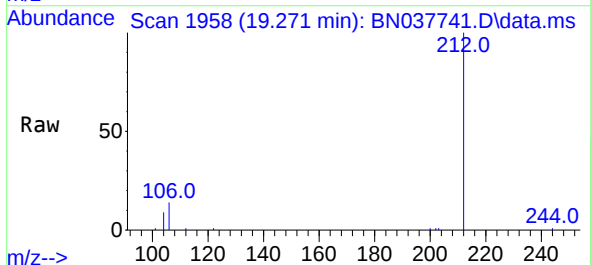


Tgt Ion: 266 Resp: 198

Ion	Ratio	Lower	Upper
266	100		
264	55.1	51.6	77.4
268	62.6	53.2	79.8

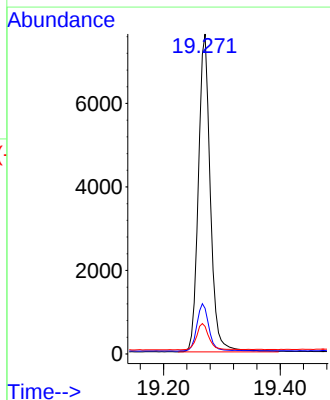
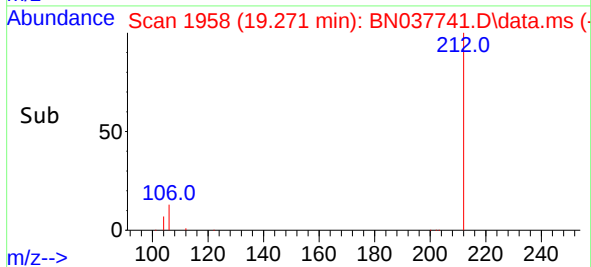


#27
 Fluoranthene-d10
 Concen: 0.296 ng
 RT: 19.271 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02



Tgt Ion: 212 Resp: 10845

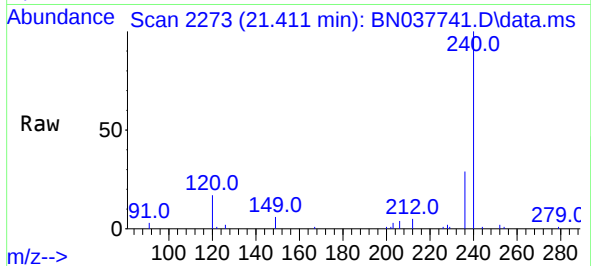
Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.2
104	8.5	6.9	10.3



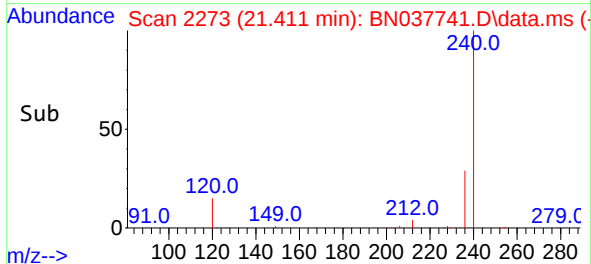
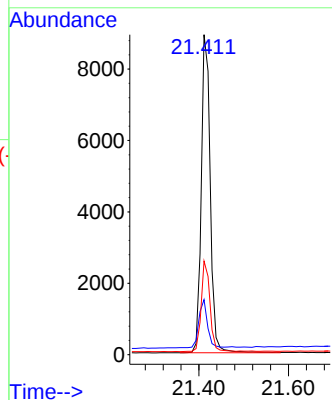


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

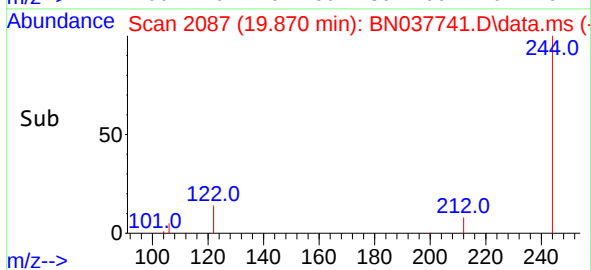
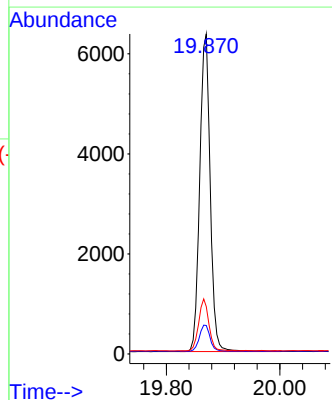
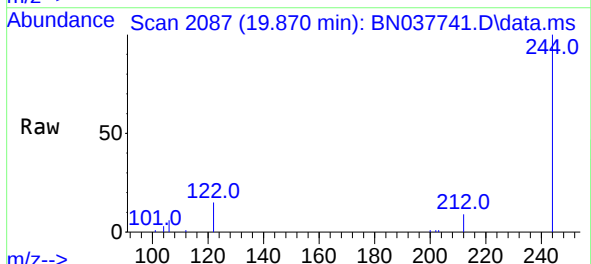


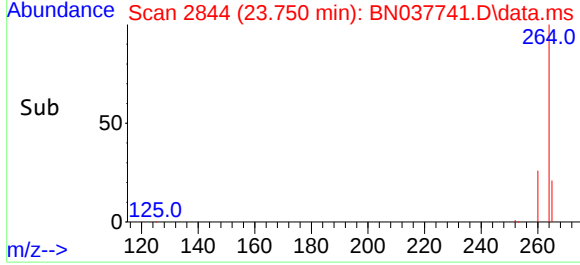
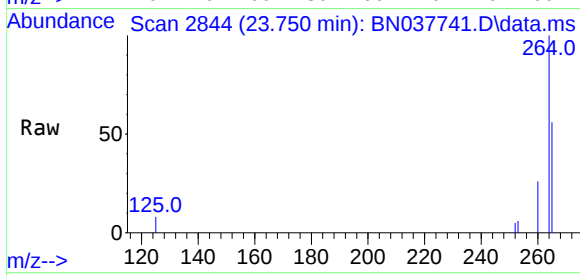
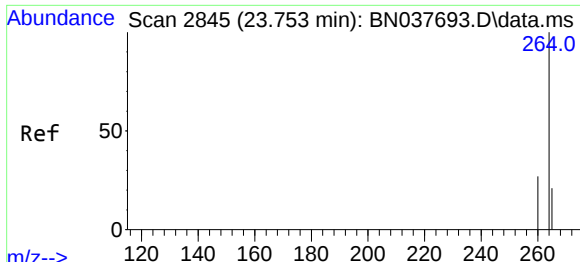
Tgt Ion:240 Resp: 12468
Ion Ratio Lower Upper
240 100
120 17.2 9.2 13.8#
236 29.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.320 ng
RT: 19.870 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Tgt Ion:244 Resp: 8091
Ion Ratio Lower Upper
244 100
212 8.9 7.5 11.3
122 14.8 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: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264	Resp:	13022
Ion	Ratio	Lower Upper
264	100	
260	26.5	21.8 32.8
265	56.4	39.4 59.2

