

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037770.D
 Acq On : 18 Sep 2025 09:23
 Operator : RC/JU
 Sample : Q3097-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 10:46:06 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

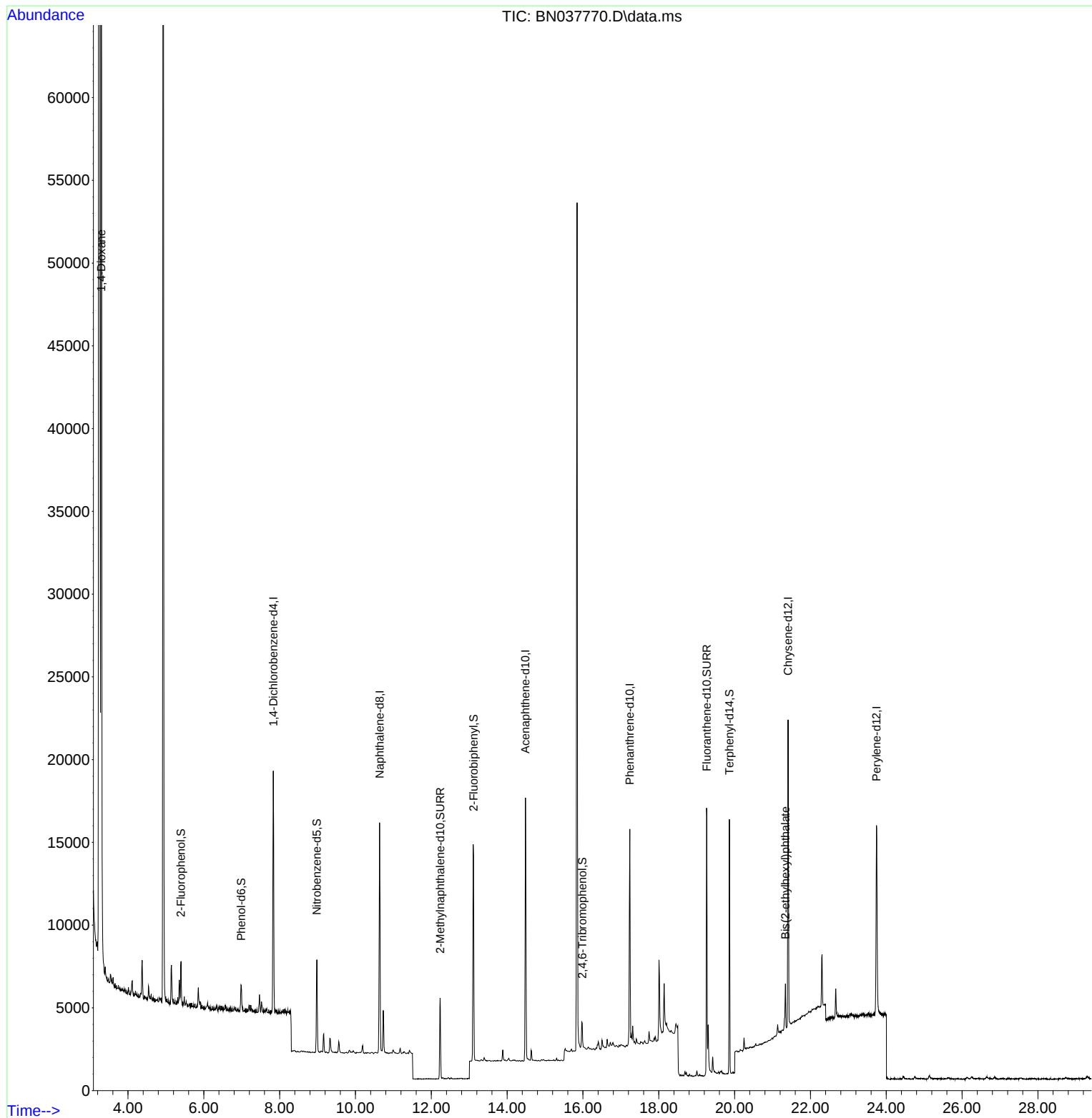
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6450	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17916	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8773	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	17405	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	15996	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	16222	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1985	0.134	ng	0.00
5) Phenol-d6	6.988	99	1468	0.076	ng	0.00
8) Nitrobenzene-d5	8.982	82	4262	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	6501	0.274	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	1105	0.483	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12202	0.333	ng	0.00
27) Fluoranthene-d10	19.267	212	17584	0.402	ng	0.00
31) Terphenyl-d14	19.861	244	14051	0.433	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	49729	7.402	ng	95
34) Bis(2-ethylhexyl)phtha...	21.340	149	3261	0.197	ng	100

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

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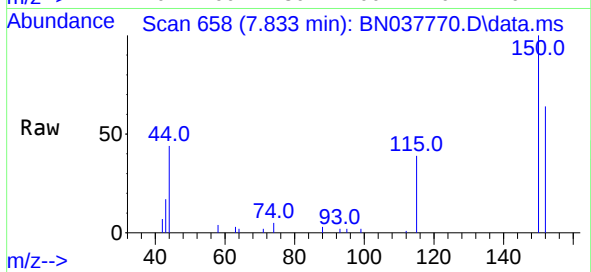
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



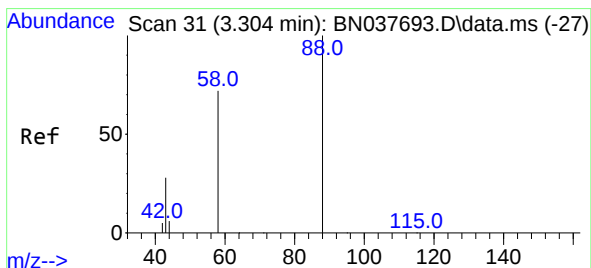
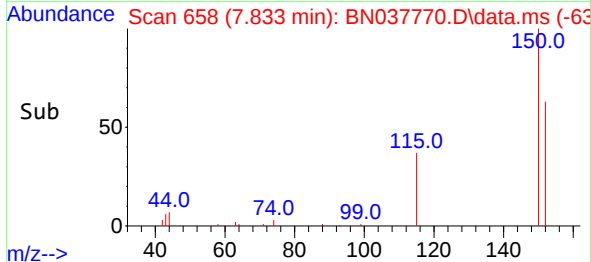
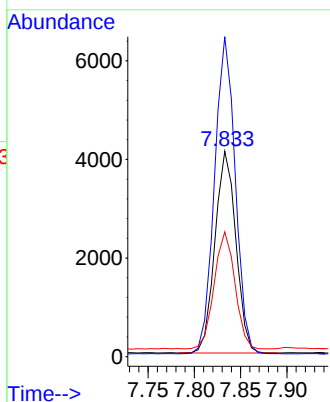


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Instrument :
BNA_N
ClientSampleId :

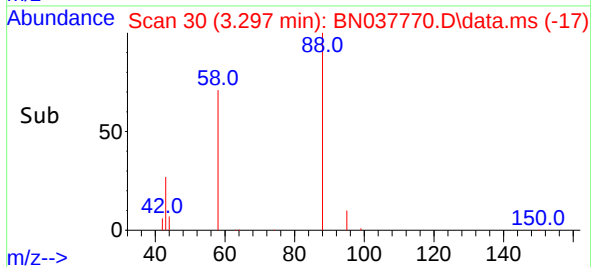
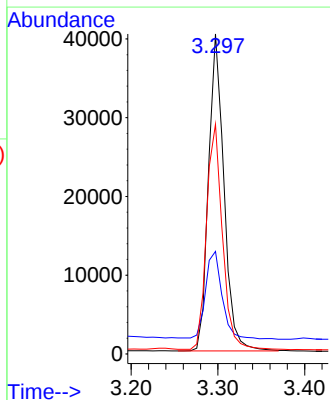
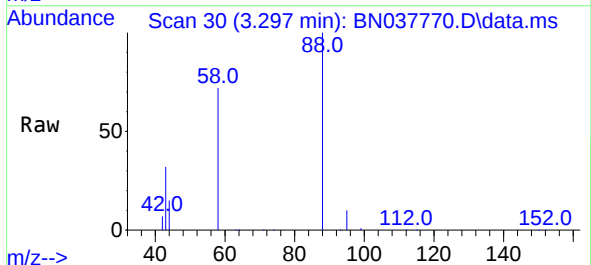


Tgt Ion:152 Resp: 6450
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 60.7 49.2 73.8



#2
1,4-Dioxane
Concen: 7.402 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Tgt Ion: 88 Resp: 49729
Ion Ratio Lower Upper
88 100
43 30.2 26.8 40.2
58 73.0 61.9 92.9

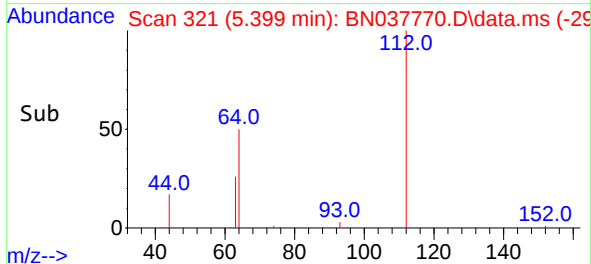
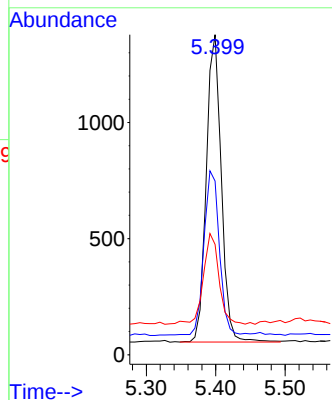
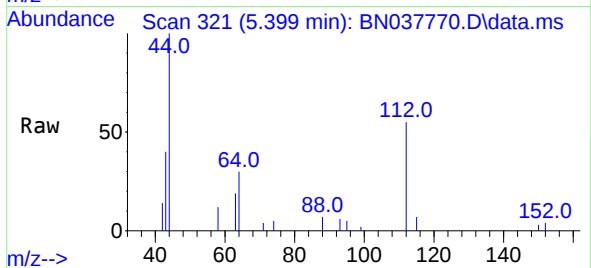




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

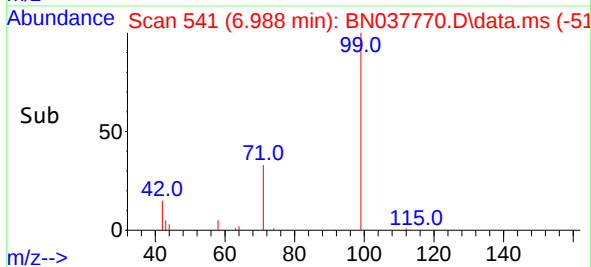
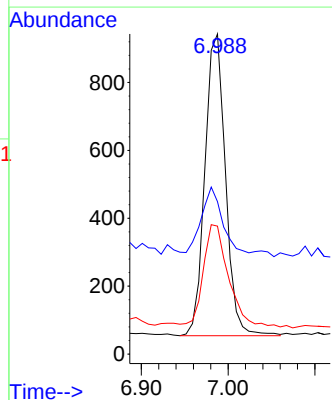
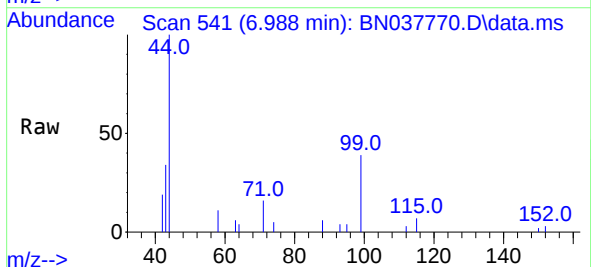
Instrument :
BNA_N
ClientSampleId :

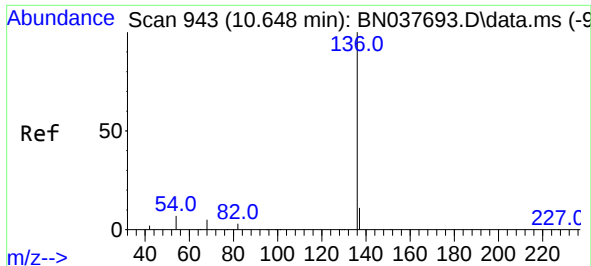
Tgt Ion:112 Resp: 1985
Ion Ratio Lower Upper
112 100
64 55.7 44.9 67.3
63 30.8 24.7 37.1



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

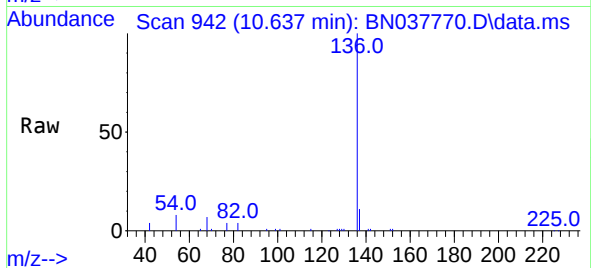
Tgt Ion: 99 Resp: 1468
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 43.0 26.7 40.1#



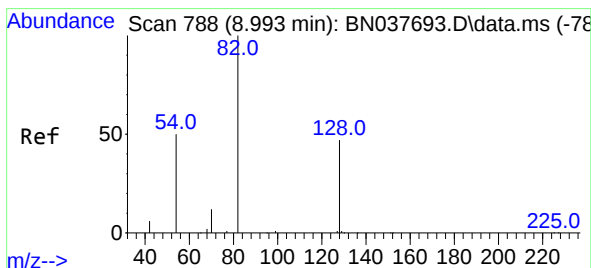
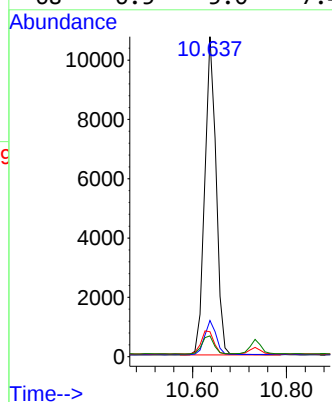


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Instrument :
BNA_N
ClientSampleId :

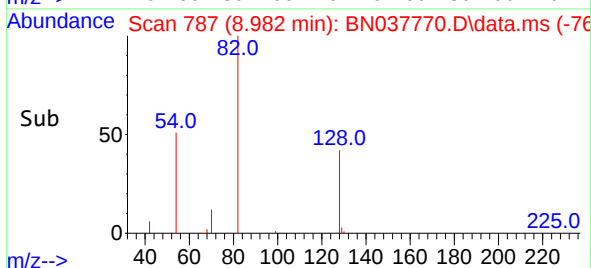
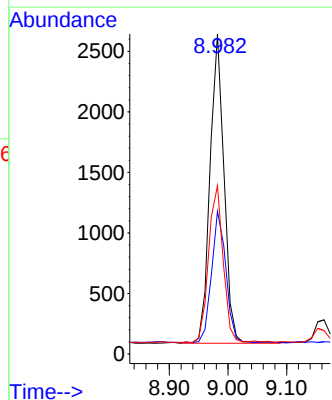
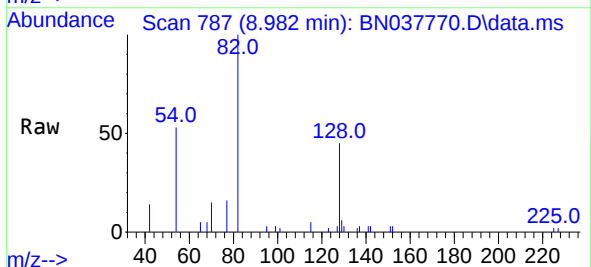


Tgt Ion:136 Resp: 17916
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.3 9.5
68 6.5 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Tgt Ion: 82 Resp: 4262
Ion Ratio Lower Upper
82 100
128 44.6 38.3 57.5
54 52.6 41.4 62.2

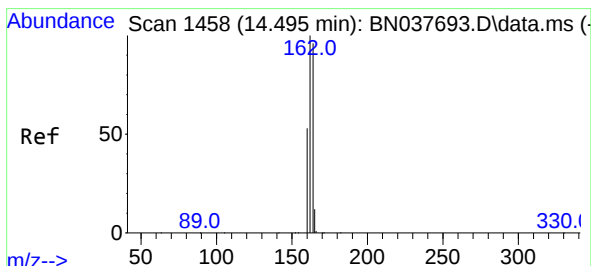
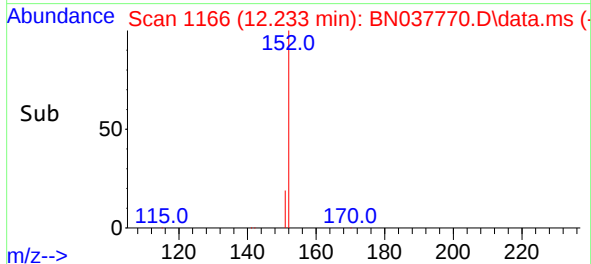
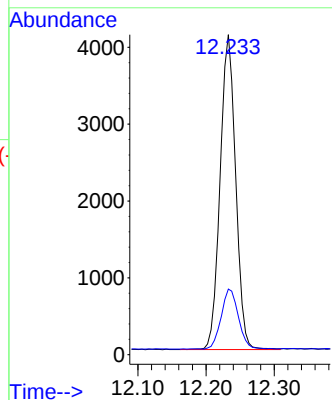
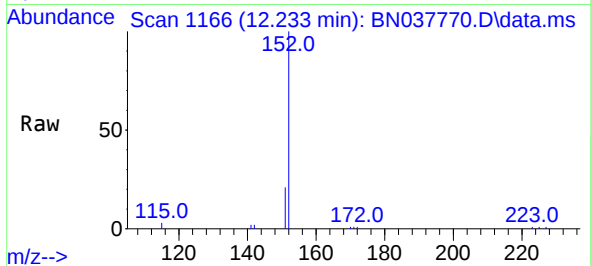




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

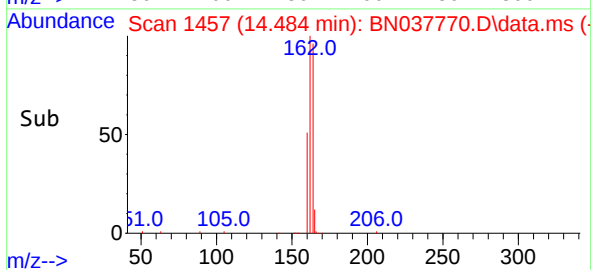
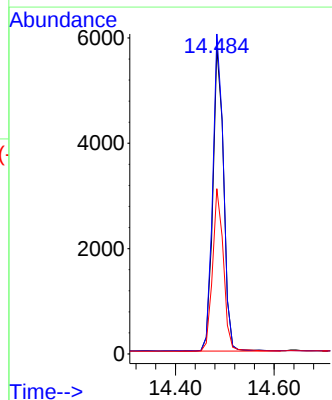
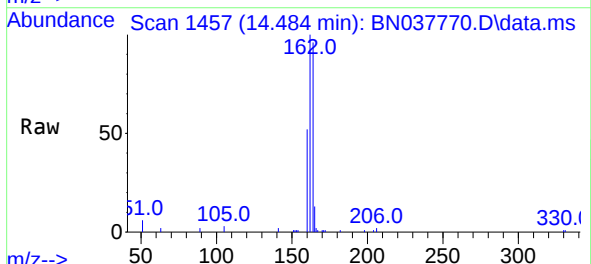
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6501
Ion Ratio Lower Upper
152 100
151 20.9 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: BN037770.D
Acq: 18 Sep 2025 09:23

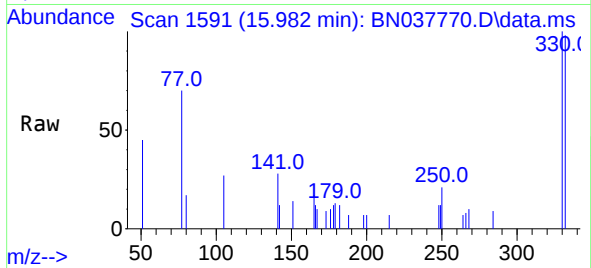
Tgt Ion:164 Resp: 8773
Ion Ratio Lower Upper
164 100
162 104.6 83.1 124.7
160 54.0 44.3 66.5



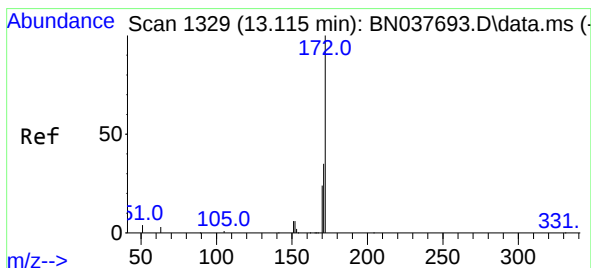
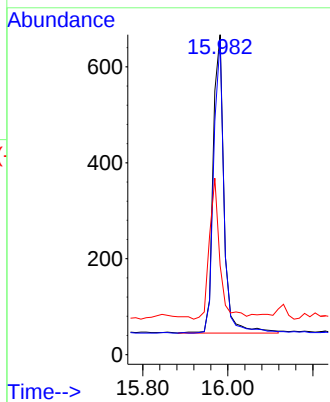
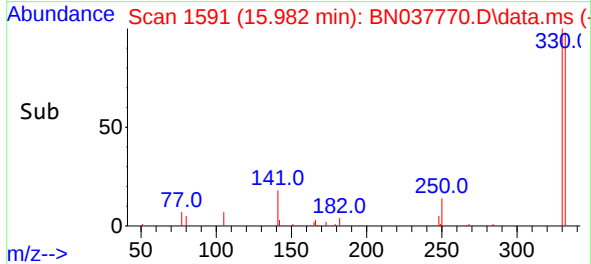


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

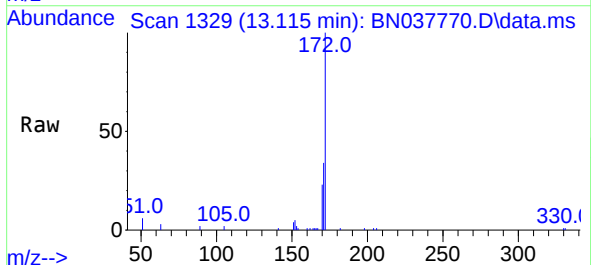
Instrument :
BNA_N
ClientSampleId :



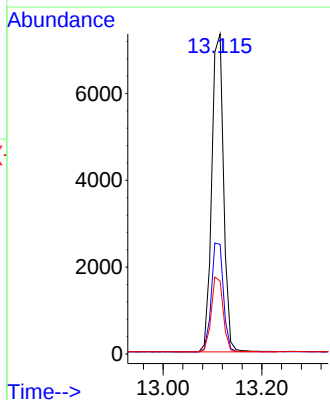
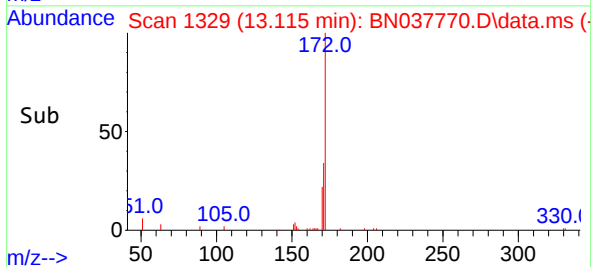
Tgt Ion:330 Resp: 1105
Ion Ratio Lower Upper
330 100
332 93.5 75.3 112.9
141 45.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23



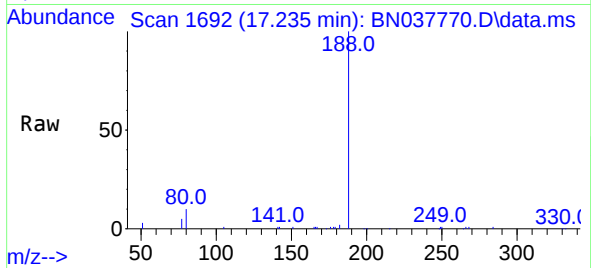
Tgt Ion:172 Resp: 12202
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.8 19.8 29.8



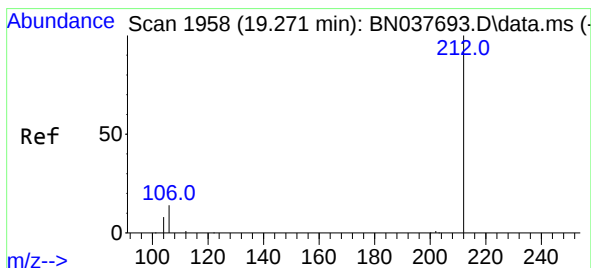
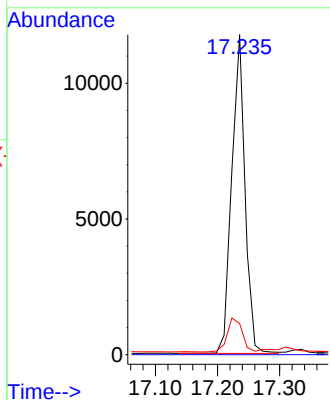


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Instrument :
BNA_N
ClientSampleId :

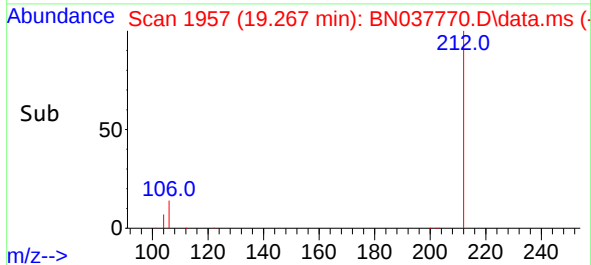
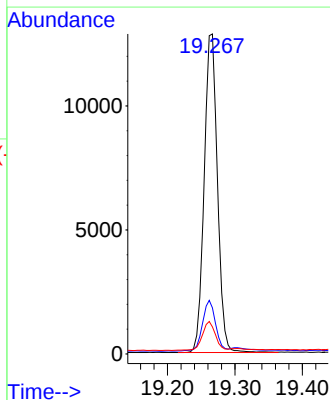
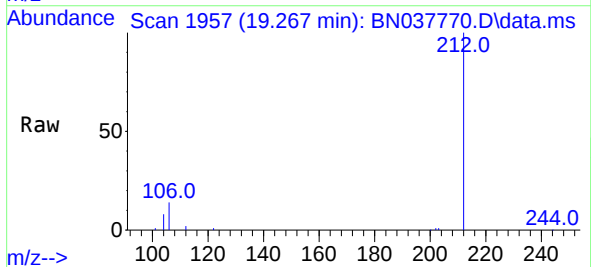


Tgt Ion:188 Resp: 17405
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

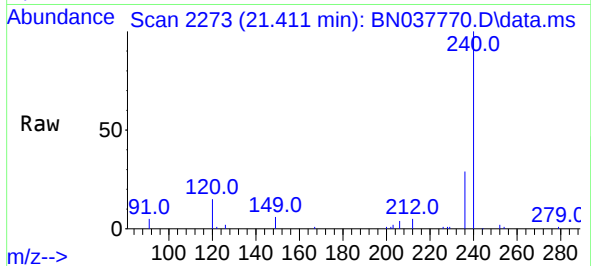
Tgt Ion:212 Resp: 17584
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 8.9 6.9 10.3



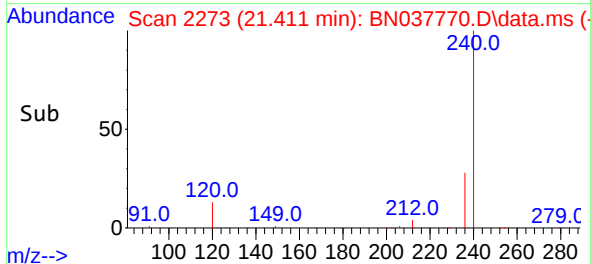
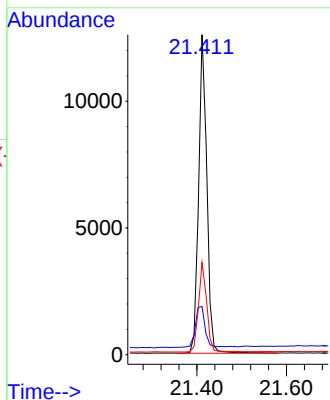


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Instrument :
BNA_N
ClientSampleId :

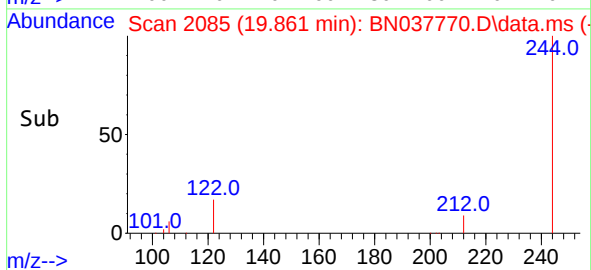
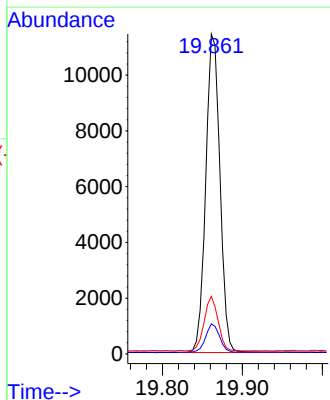
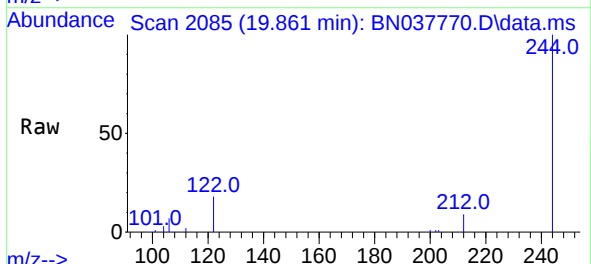


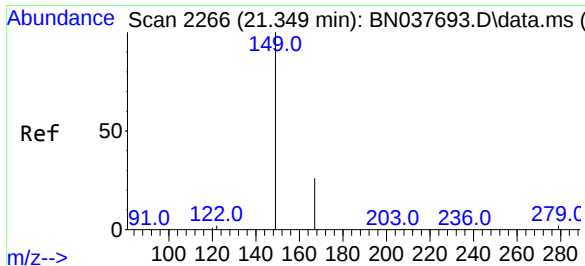
Tgt Ion:240 Resp: 15996
Ion Ratio Lower Upper
240 100
120 15.0 9.2 13.8#
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Tgt Ion:244 Resp: 14051
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 18.0 13.2 19.8

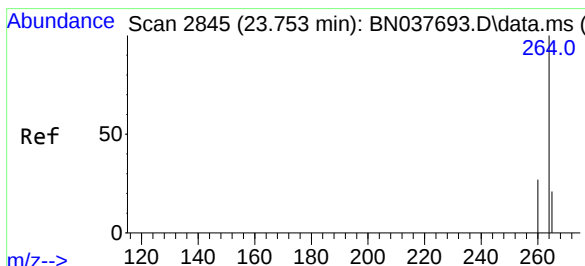
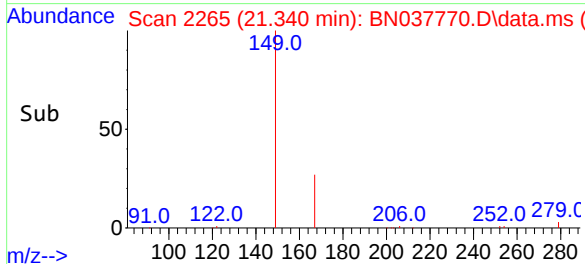
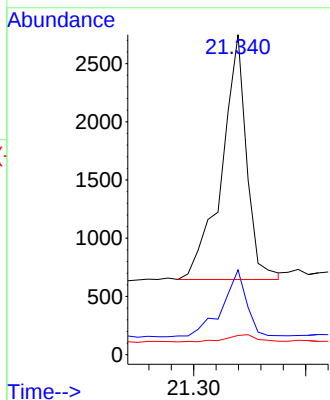
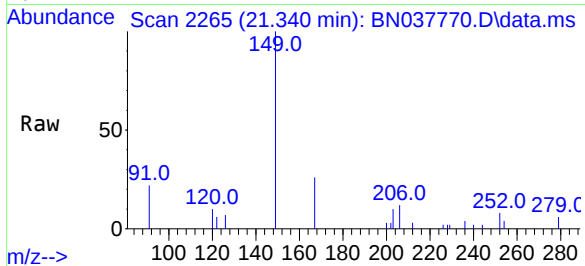




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.197 ng
RT: 21.340 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 3261
Ion Ratio Lower Upper
149 100
167 25.9 20.8 31.2
279 3.5 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BN037770.D
Acq: 18 Sep 2025 09:23

Tgt Ion:264 Resp: 16222
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 58.1 39.4 59.2

