

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037779.D
 Acq On : 18 Sep 2025 16:23
 Operator : RC/JU
 Sample : Q3097-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20250911

Quant Time: Sep 18 16:52:25 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)

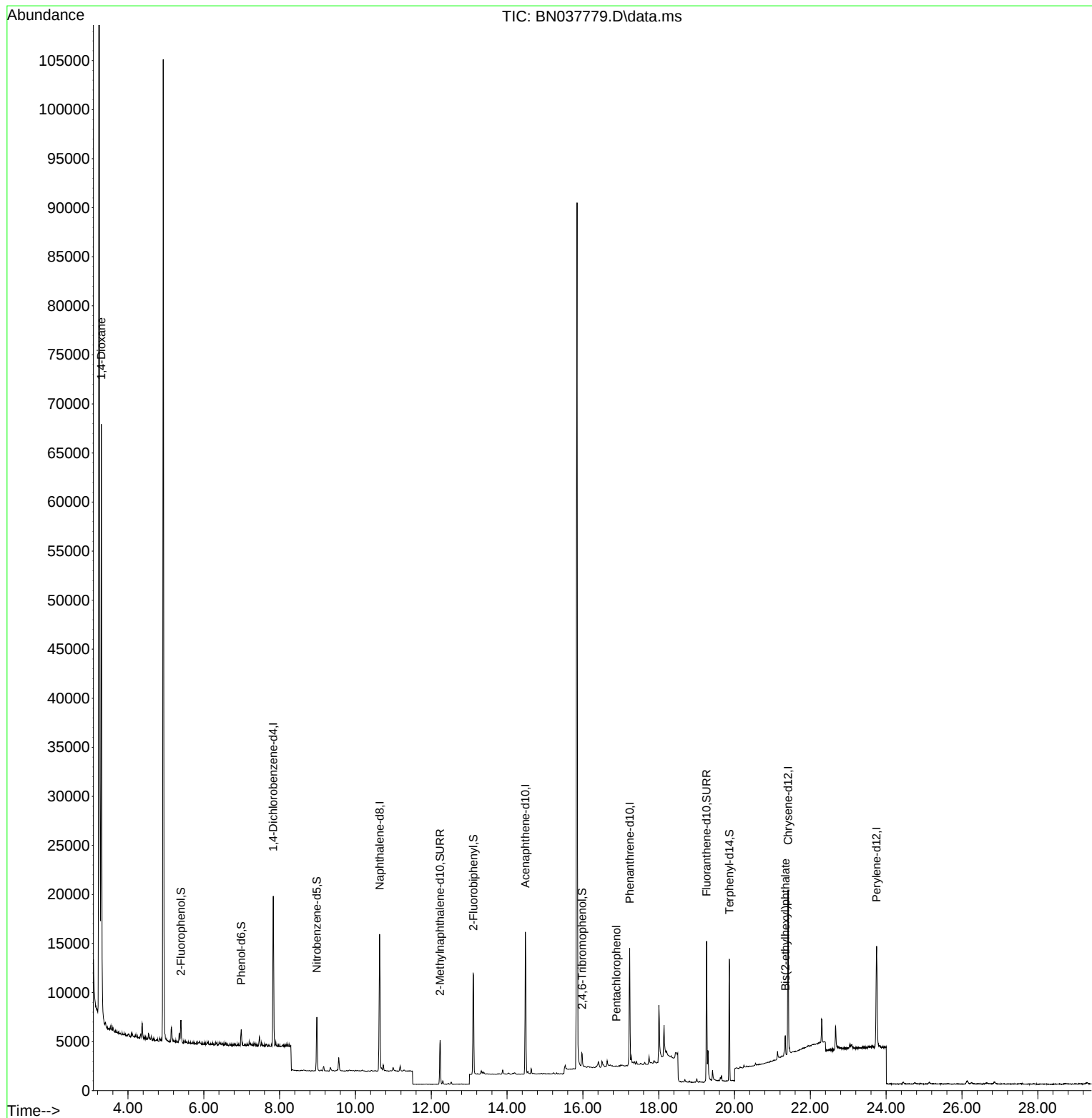
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6931	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18212	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8174	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15954	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14259	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	14695	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1888	0.119	ng	0.00
5) Phenol-d6	6.988	99	1409	0.068	ng	0.00
8) Nitrobenzene-d5	8.982	82	4127	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	6072	0.252	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	906	0.425	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	9785	0.286	ng	0.00
27) Fluoranthene-d10	19.262	212	15503	0.387	ng	0.00
31) Terphenyl-d14	19.861	244	11360	0.393	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	33742	4.674	ng	95
24) Pentachlorophenol	16.888	266	70	0.020	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.339	149	2684	0.182	ng	99

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

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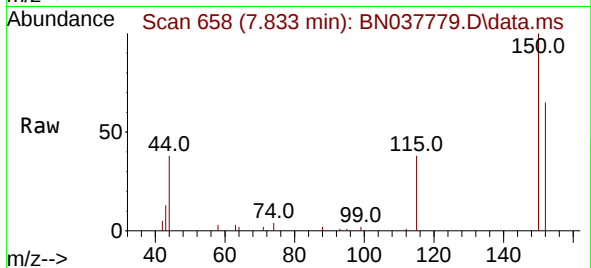
Quant Time: Sep 18 16:52:25 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



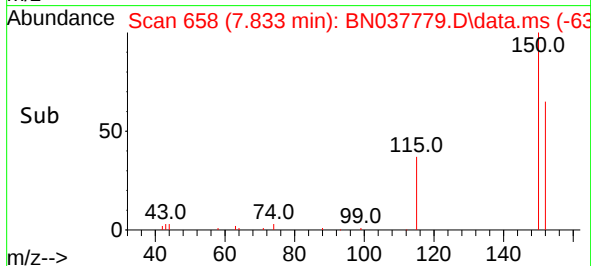
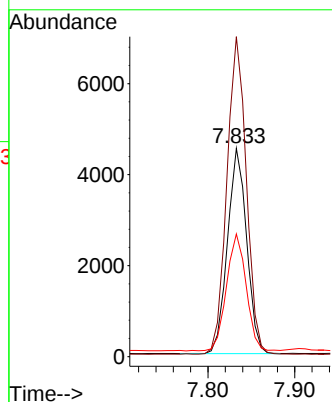


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037779.D
 Acq: 18 Sep 2025 16:23

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20250911

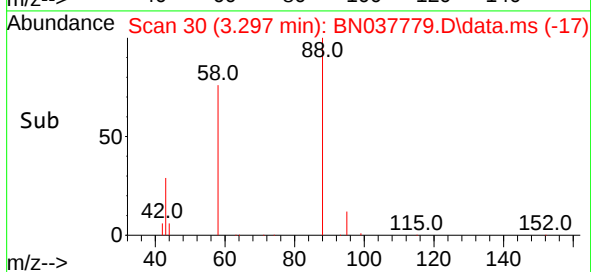
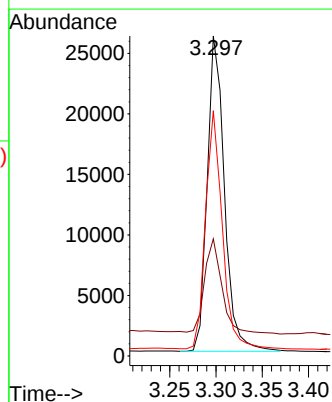
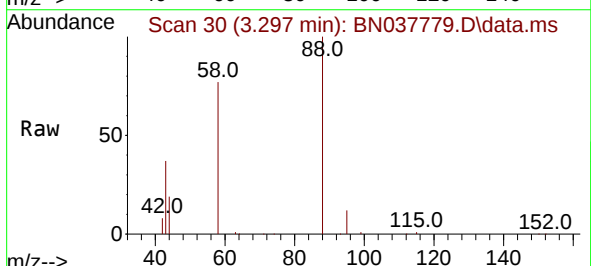


Tgt Ion:152 Resp: 6931
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.5 186.7
 115 58.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 4.674 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037779.D
 Acq: 18 Sep 2025 16:23

Tgt Ion: 88 Resp: 33742
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.8 40.2
 58 73.2 61.9 92.9

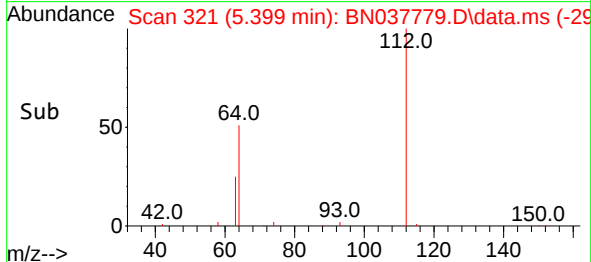
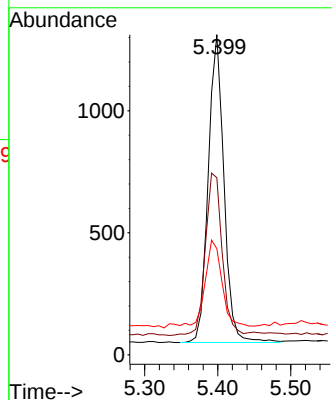
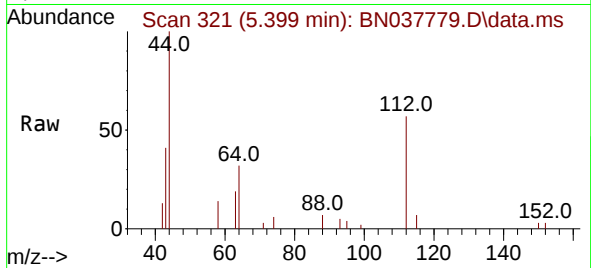




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

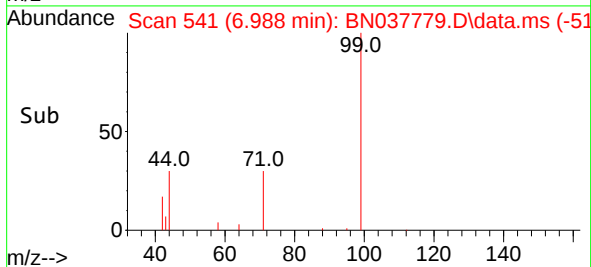
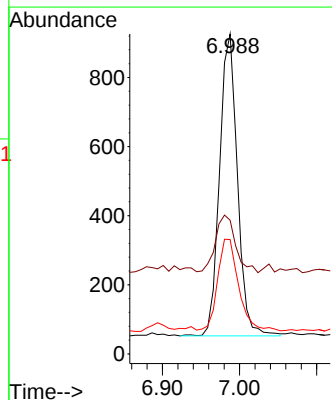
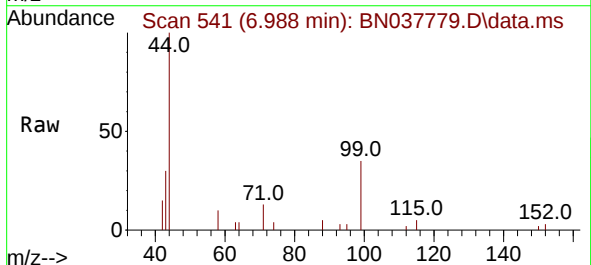
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250911

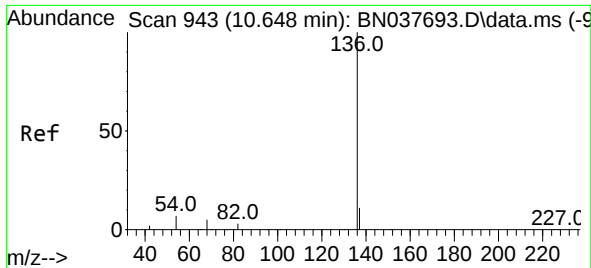
Tgt Ion:112 Resp: 1888
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 29.6 24.7 37.1



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

Tgt Ion: 99 Resp: 1409
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 35.3 26.7 40.1

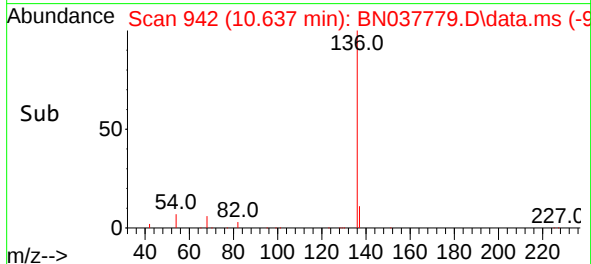
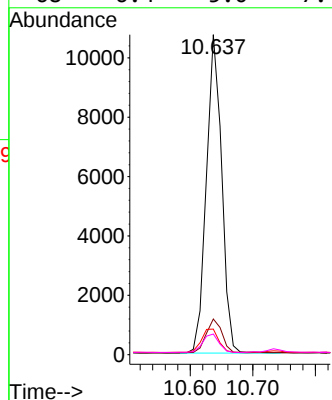
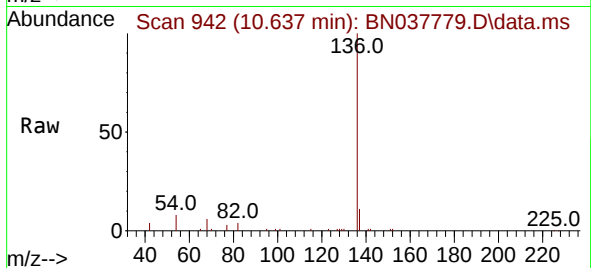




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

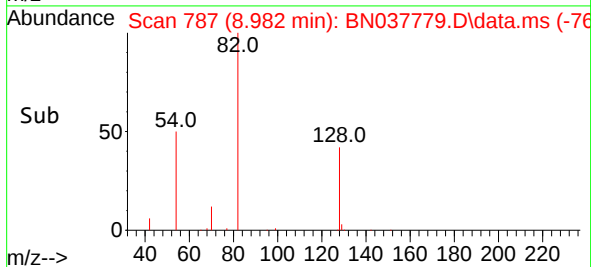
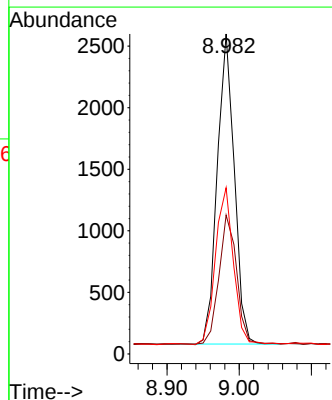
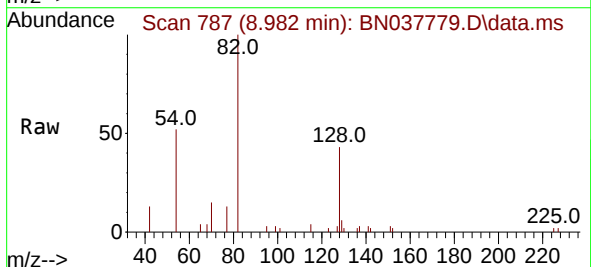
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250911

Tgt Ion:	136	Resp:	18212
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.0	6.3	9.5
68	6.4	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

Tgt Ion:	82	Resp:	4127
Ion Ratio	Lower	Upper	
82	100		
128	43.4	38.3	57.5
54	51.9	41.4	62.2

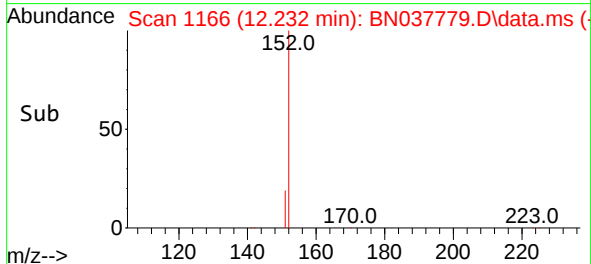
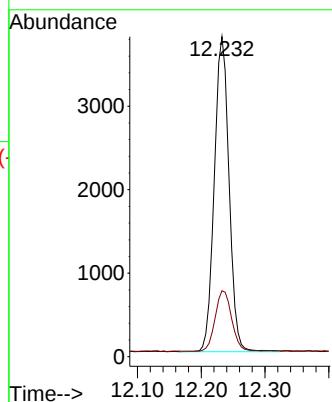
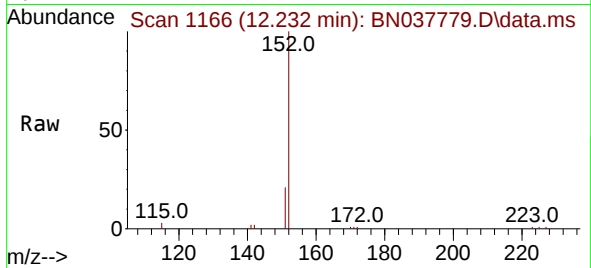




#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

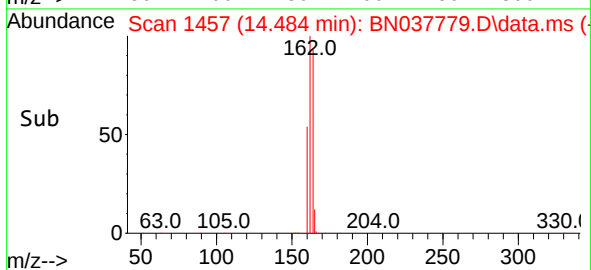
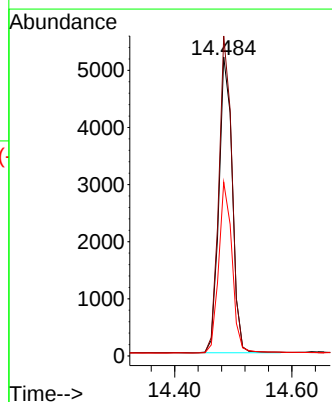
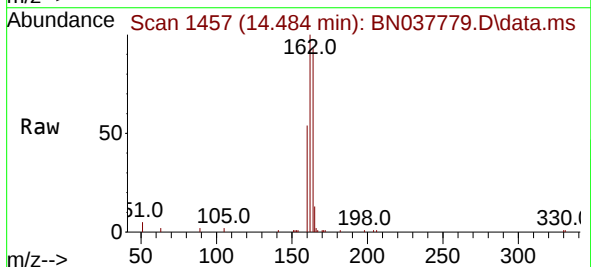
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250911

Tgt Ion:152 Resp: 6072
Ion Ratio Lower Upper
152 100
151 21.5 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: BN037779.D
Acq: 18 Sep 2025 16:23

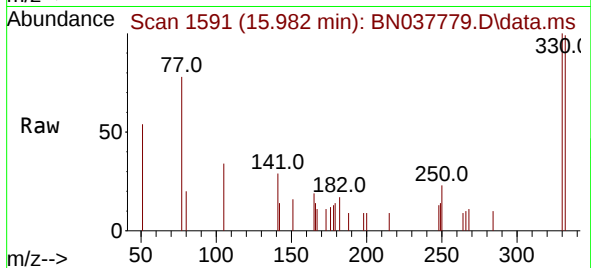
Tgt Ion:164 Resp: 8174
Ion Ratio Lower Upper
164 100
162 107.0 83.1 124.7
160 58.1 44.3 66.5



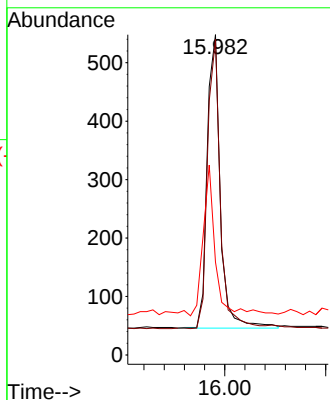
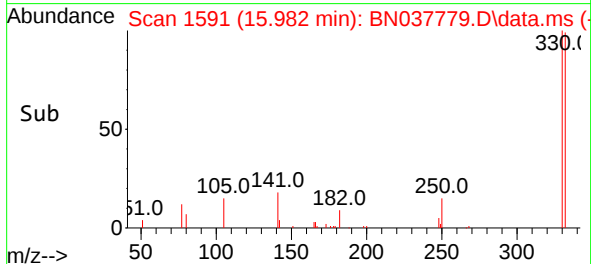


#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

Instrument :
BNA_N
ClientSampleId :
RE125D1-20250911

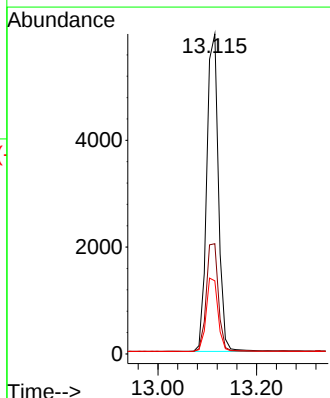
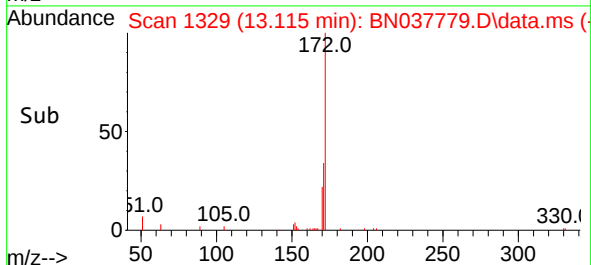
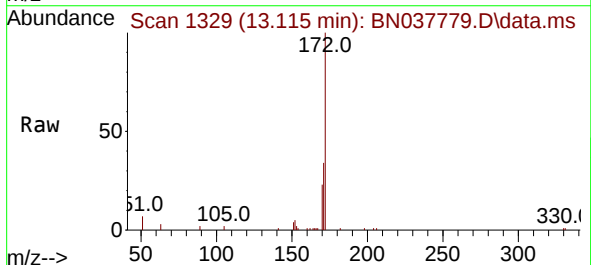


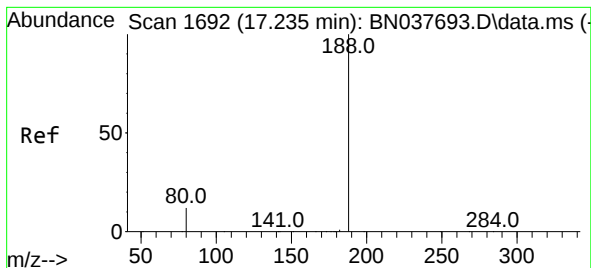
Tgt Ion:330 Resp: 906
Ion Ratio Lower Upper
330 100
332 97.8 75.3 112.9
141 46.5 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

Tgt Ion:172 Resp: 9785
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.9 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037779.D

Acq: 18 Sep 2025 16:23

Instrument :

BNA_N

ClientSampleId :

RE125D1-20250911

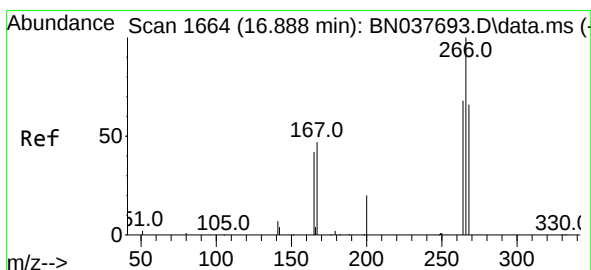
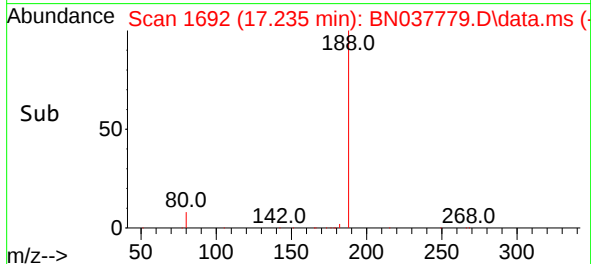
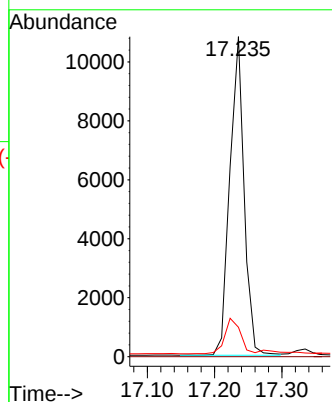
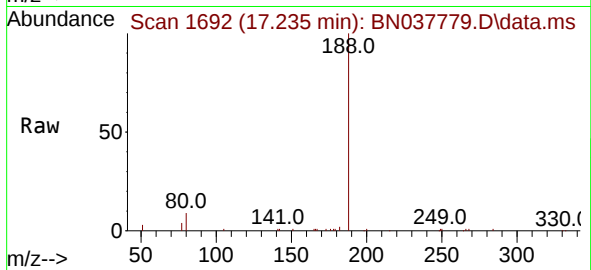
Tgt Ion:188 Resp: 15954

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 10.6 15.8#



#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.888 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BN037779.D

Acq: 18 Sep 2025 16:23

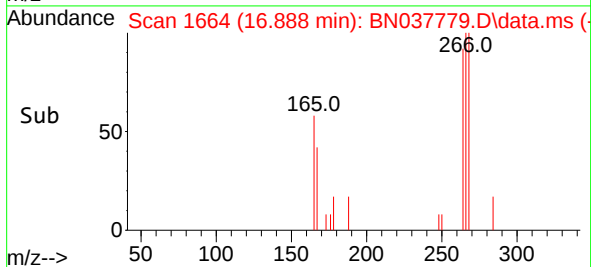
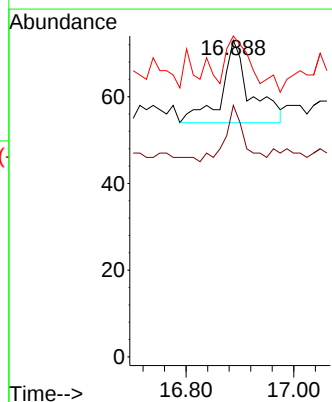
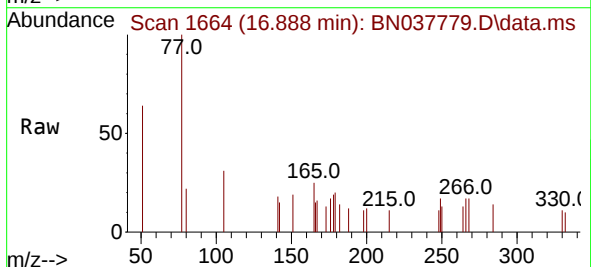
Tgt Ion:266 Resp: 70

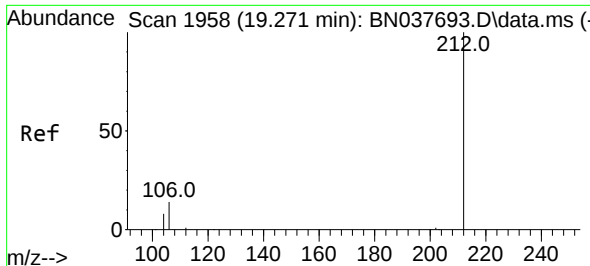
Ion Ratio Lower Upper

266 100

264 44.3 51.6 77.4#

268 60.0 53.2 79.8

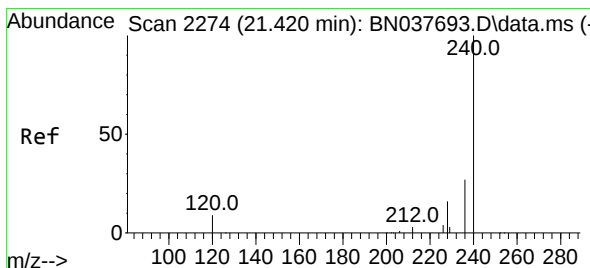
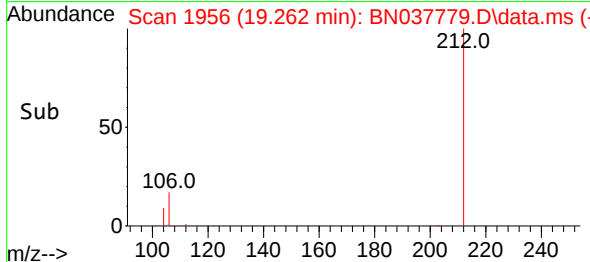
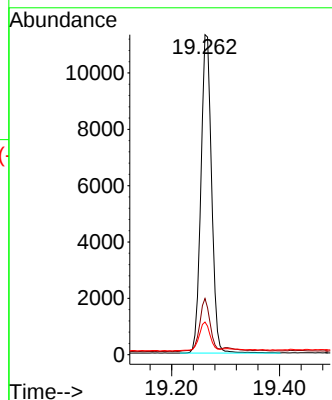
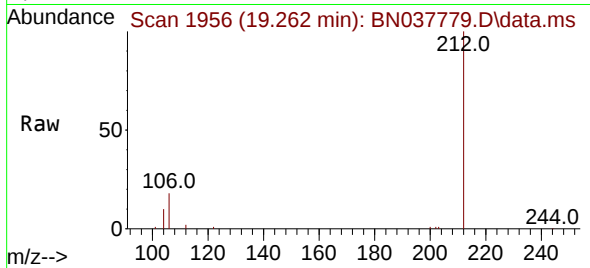




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

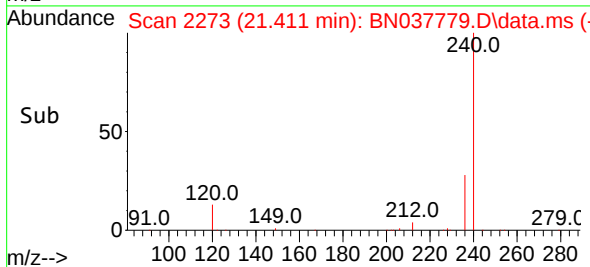
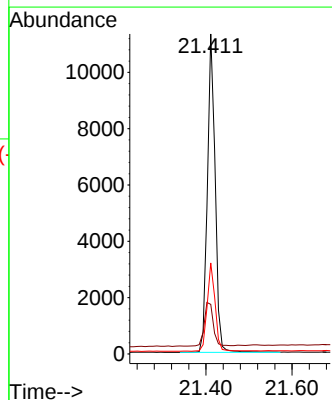
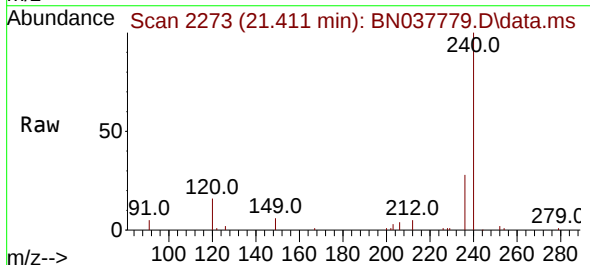
Instrument :
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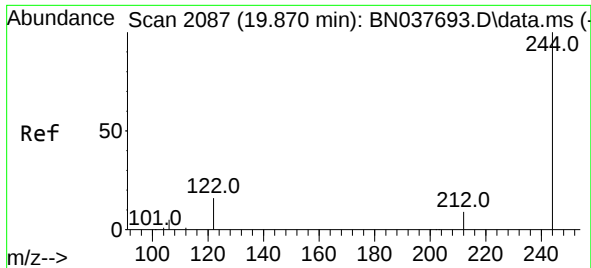
Tgt Ion:212 Resp: 15503
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

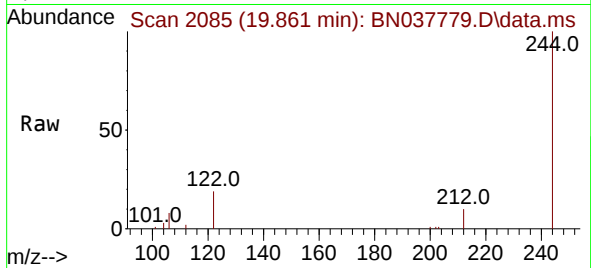
Tgt Ion:240 Resp: 14259
Ion Ratio Lower Upper
240 100
120 15.5 9.2 13.8#
236 28.4 22.6 33.8



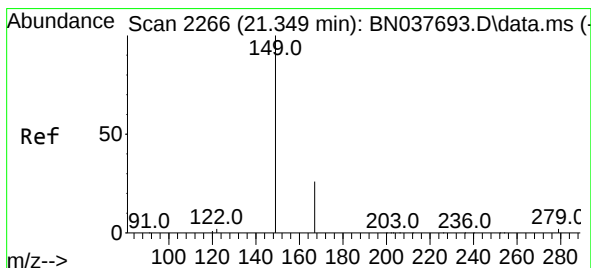
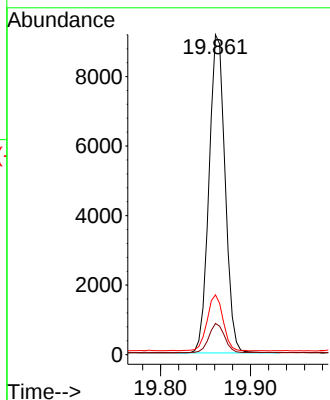


#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

Instrument :
BNA_N
ClientSampleId :
RE125D1-20250911

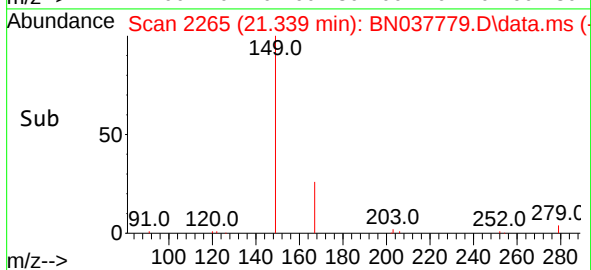
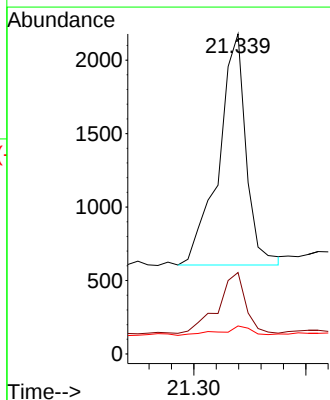
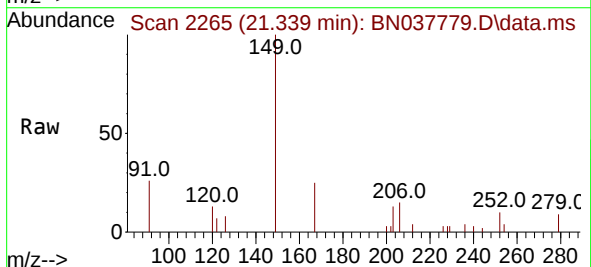


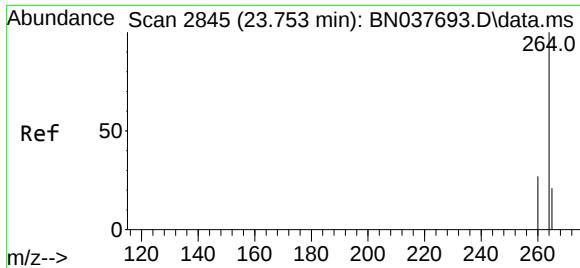
Tgt Ion:244 Resp: 11360
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 18.7 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037779.D
Acq: 18 Sep 2025 16:23

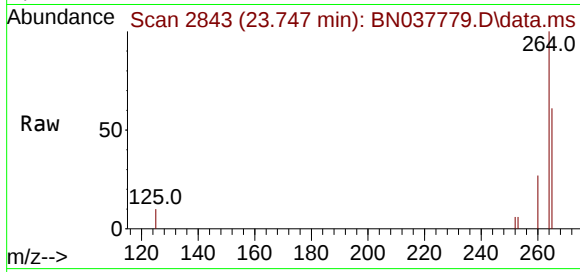
Tgt Ion:149 Resp: 2684
Ion Ratio Lower Upper
149 100
167 26.3 20.8 31.2
279 4.4 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.747 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037779.D
 Acq: 18 Sep 2025 16:23

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20250911



Tgt Ion:264 Resp: 14695

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	60.5	39.4	59.2#

