

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037789.D
 Acq On : 18 Sep 2025 22:27
 Operator : RC/JU
 Sample : Q3095-03DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 04:12:01 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)

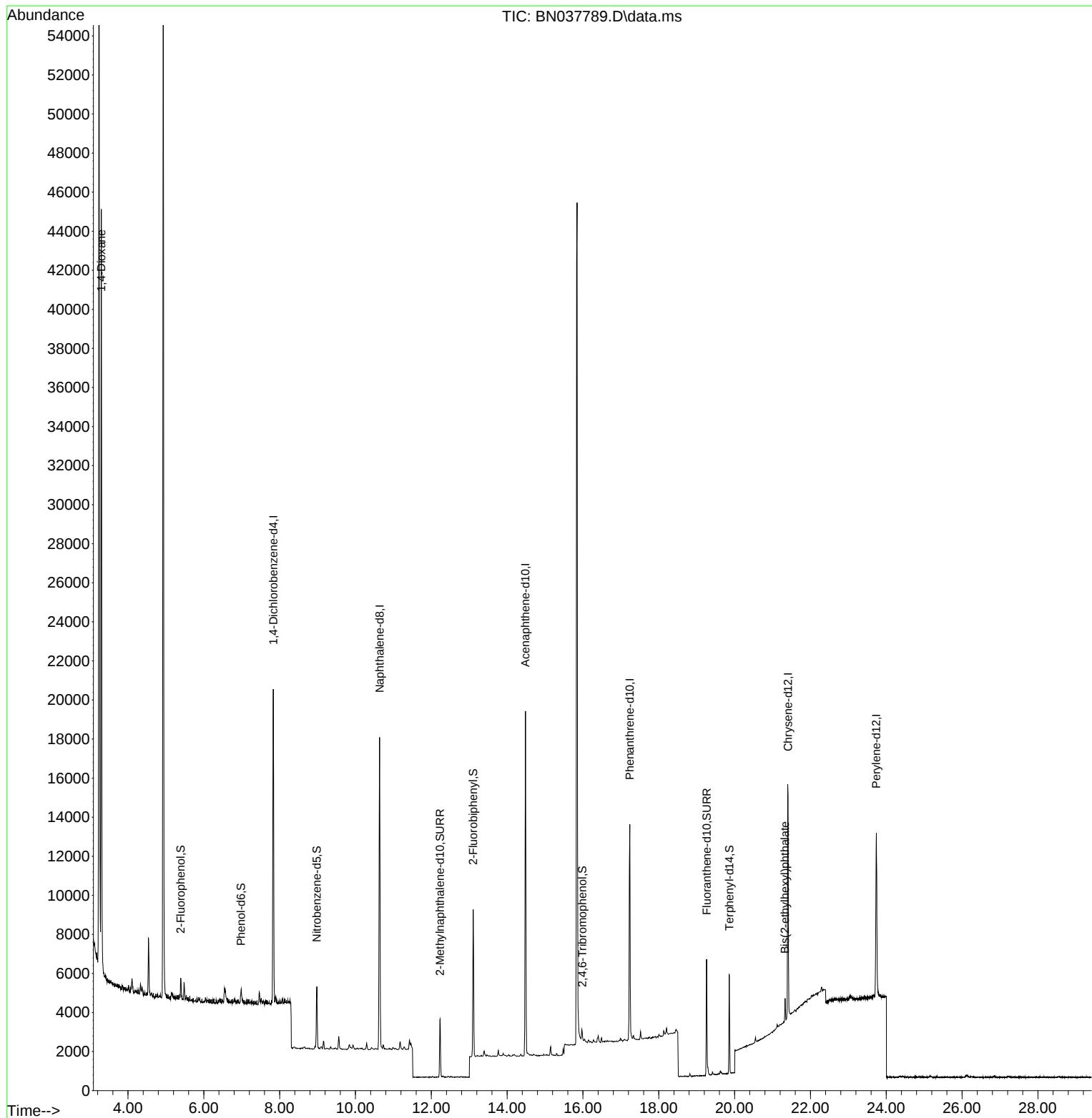
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7715	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20993	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9567	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	16081	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11736	0.400	ng	0.00
35) Perylene-d12	23.739	264	11717	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	867	0.049	ng	0.00
5) Phenol-d6	6.981	99	629	0.027	ng	0.00
8) Nitrobenzene-d5	8.982	82	2516	0.164	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4049	0.146	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	399	0.160	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	6450	0.161	ng	-0.01
27) Fluoranthene-d10	19.262	212	6575	0.163	ng	0.00
31) Terphenyl-d14	19.861	244	4825	0.203	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	22821	2.840	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	1137	0.094	ng	# 99

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

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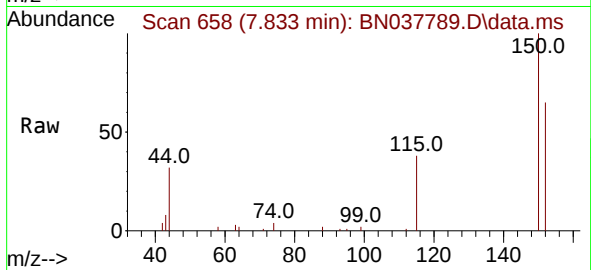
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



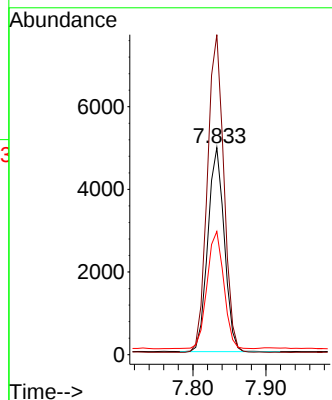
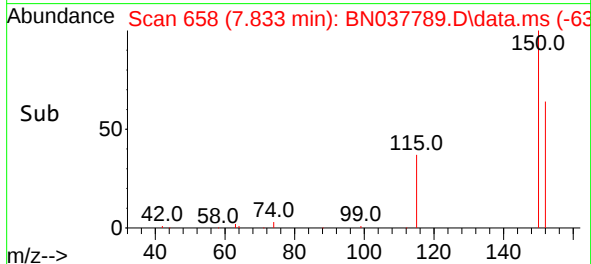


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037789.D
 Acq: 18 Sep 2025 22:27

Instrument :
 BNA_N
 ClientSampleId :

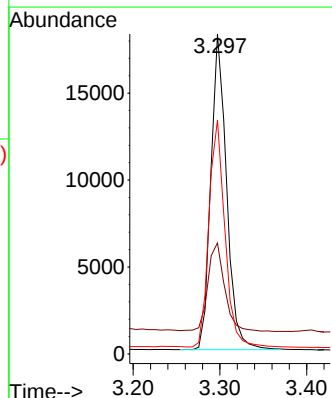
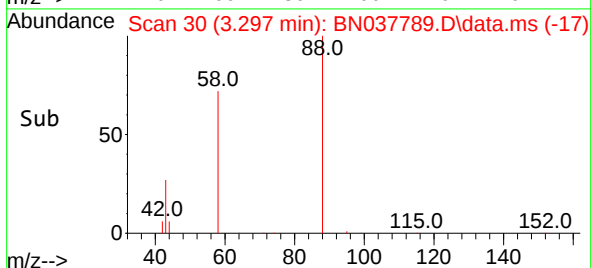
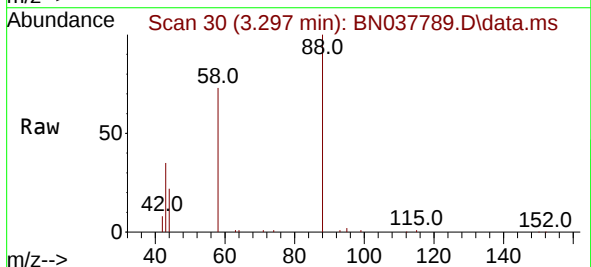


Tgt Ion:152 Resp: 7715
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 59.5 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.840 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037789.D
 Acq: 18 Sep 2025 22:27

Tgt Ion: 88 Resp: 22821
 Ion Ratio Lower Upper
 88 100
 43 29.9 26.8 40.2
 58 73.0 61.9 92.9

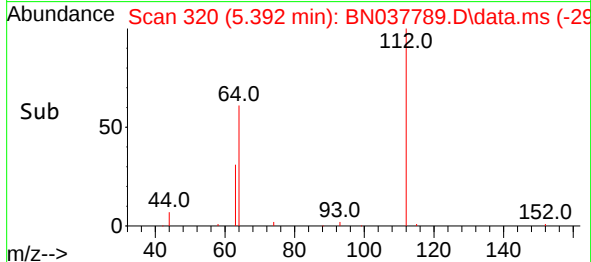
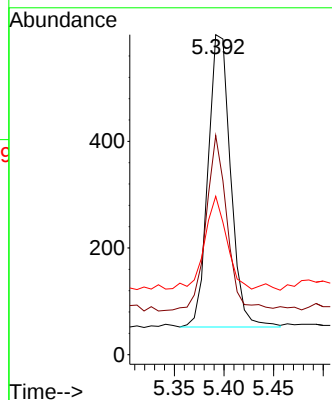
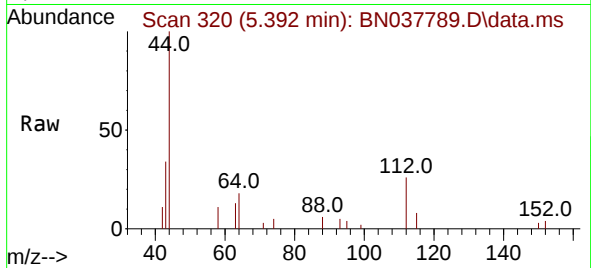




#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

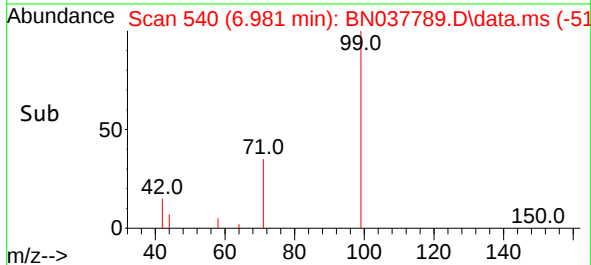
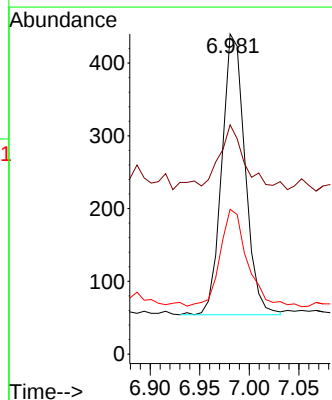
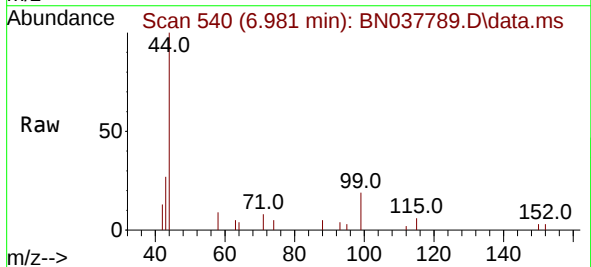
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 867
Ion Ratio Lower Upper
112 100
64 55.5 44.9 67.3
63 30.8 24.7 37.1



#5
Phenol-d6
Concen: 0.027 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

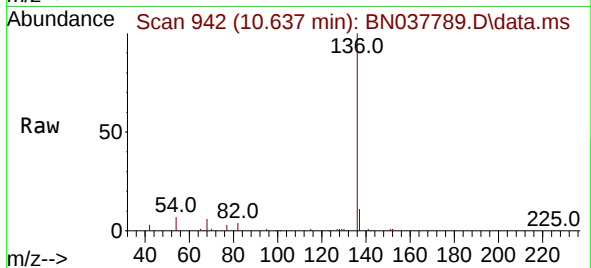
Tgt Ion: 99 Resp: 629
Ion Ratio Lower Upper
99 100
42 25.3 16.6 24.8#
71 41.3 26.7 40.1#



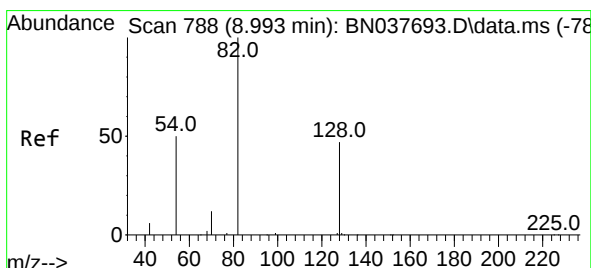
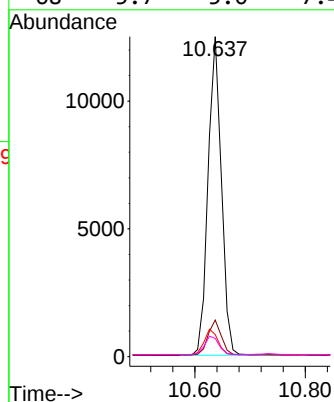


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

Instrument :
BNA_N
ClientSampleId :

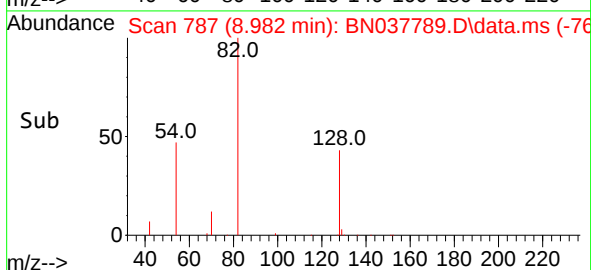
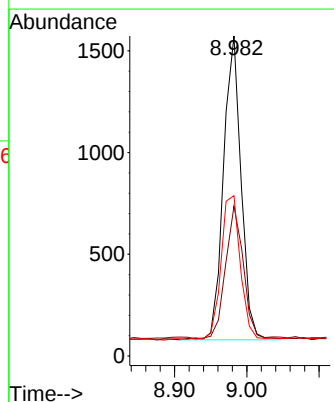
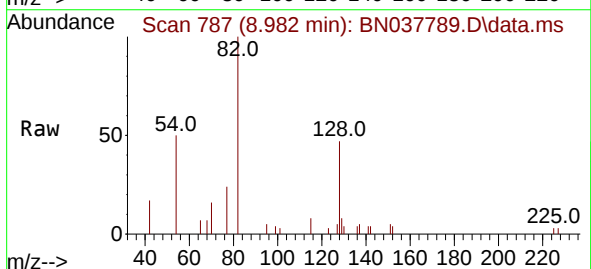


Tgt Ion:136 Resp: 20993
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.9 6.3 9.5
68 5.7 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.164 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

Tgt Ion: 82 Resp: 2516
Ion Ratio Lower Upper
82 100
128 46.8 38.3 57.5
54 50.1 41.4 62.2

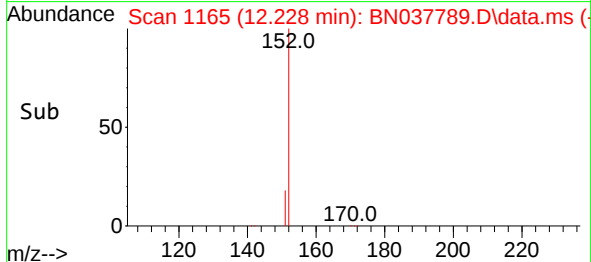
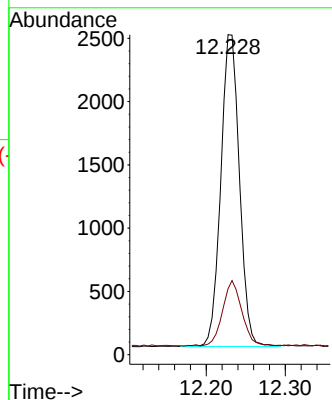
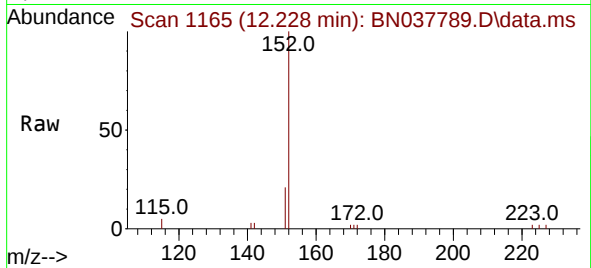




#11
2-Methylnaphthalene-d10
Concen: 0.146 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

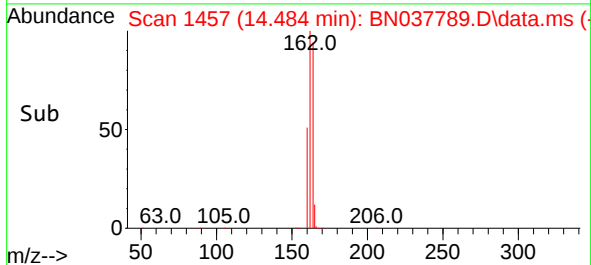
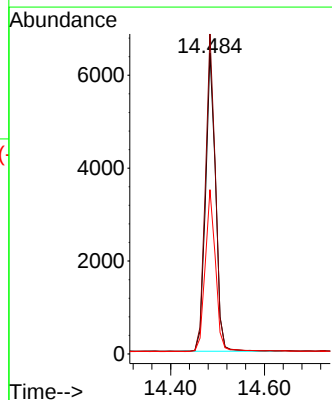
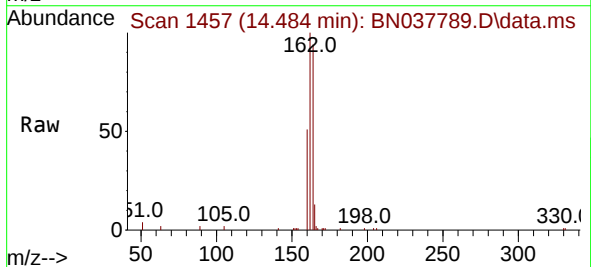
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4049
Ion Ratio Lower Upper
152 100
151 21.4 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: BN037789.D
Acq: 18 Sep 2025 22:27

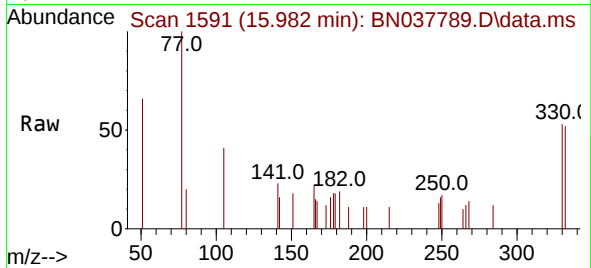
Tgt Ion:164 Resp: 9567
Ion Ratio Lower Upper
164 100
162 106.3 83.1 124.7
160 54.5 44.3 66.5



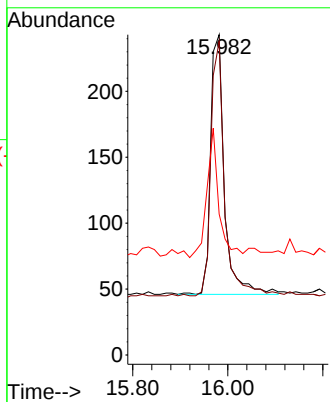
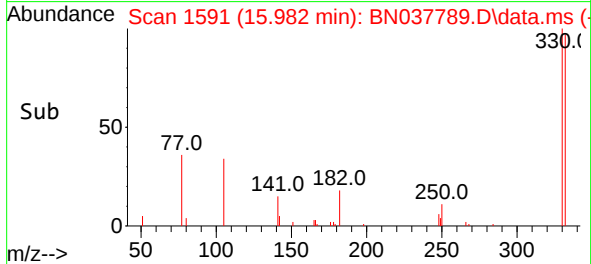


#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

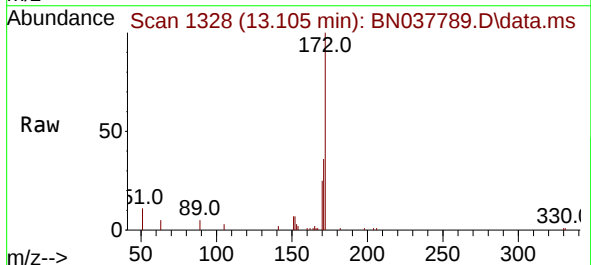
Instrument :
BNA_N
ClientSampleId :



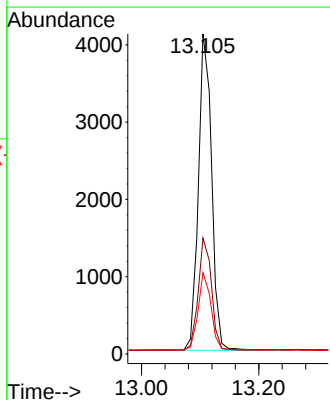
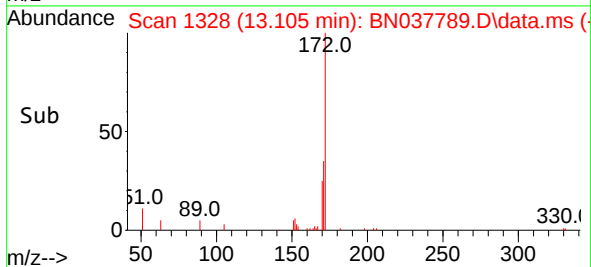
Tgt Ion:330 Resp: 399
Ion Ratio Lower Upper
330 100
332 96.7 75.3 112.9
141 43.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27



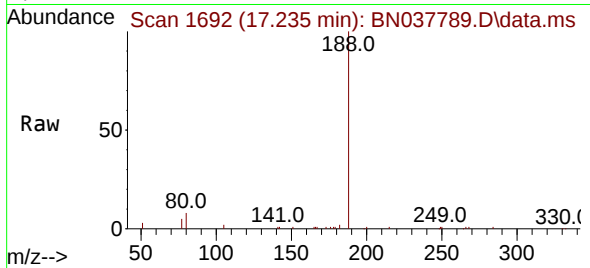
Tgt Ion:172 Resp: 6450
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.4 19.8 29.8



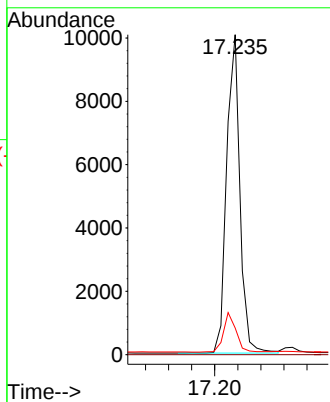
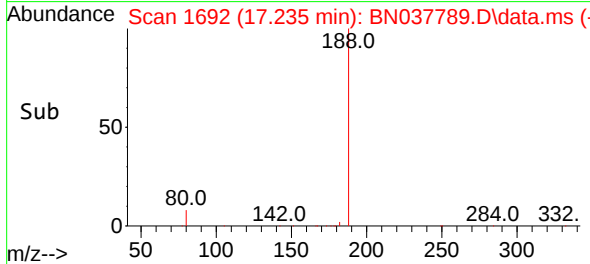


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

Instrument :
BNA_N
ClientSampleId :

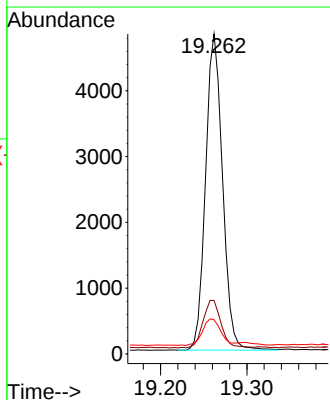
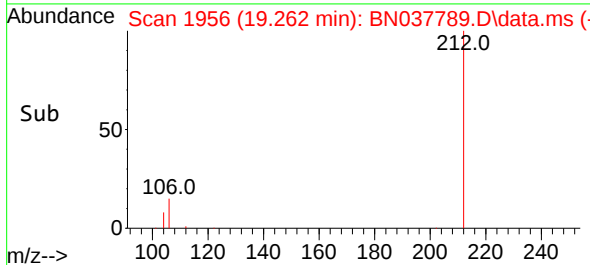
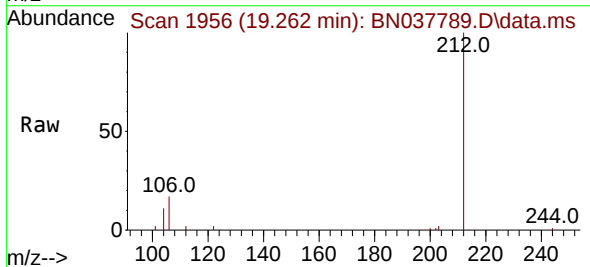


Tgt Ion:188 Resp: 16081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.163 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

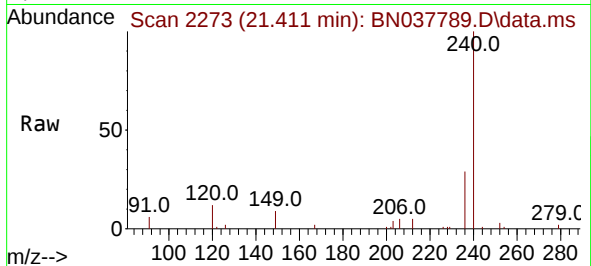
Tgt Ion:212 Resp: 6575
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 8.9 6.9 10.3



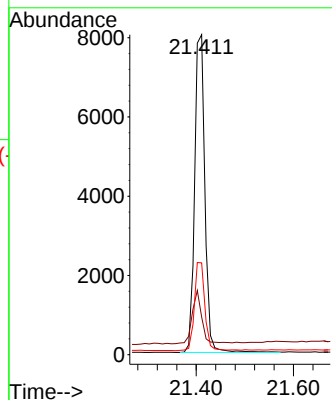
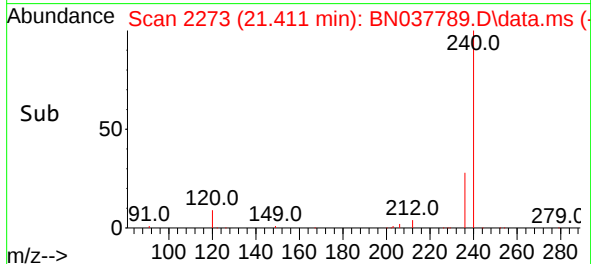


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27

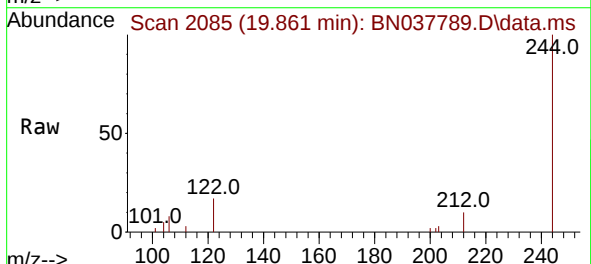
Instrument :
BNA_N
ClientSampleId :



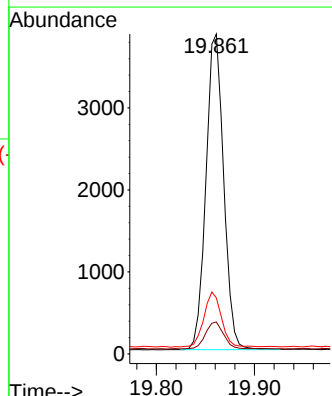
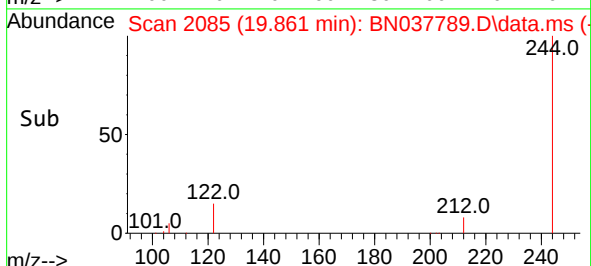
Tgt Ion:240 Resp: 11736
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 28.7 22.6 33.8

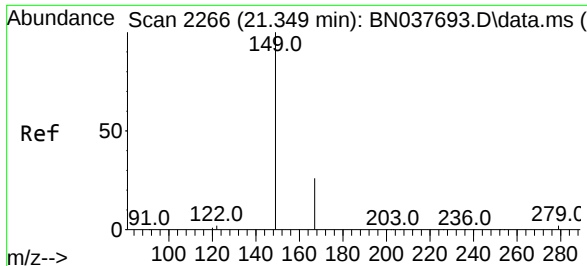


#31
Terphenyl-d14
Concen: 0.203 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037789.D
Acq: 18 Sep 2025 22:27



Tgt Ion:244 Resp: 4825
Ion Ratio Lower Upper
244 100
212 10.0 7.5 11.3
122 17.5 13.2 19.8

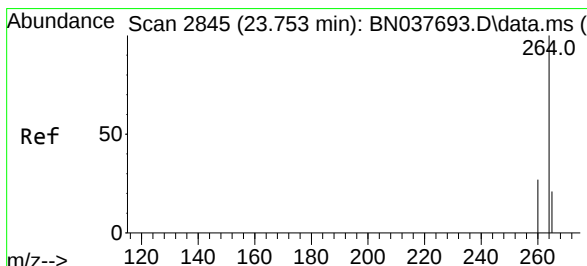
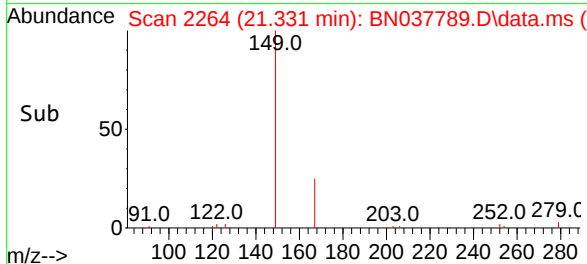
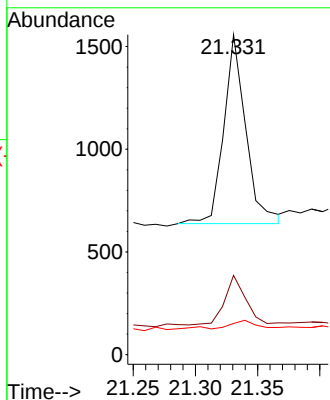
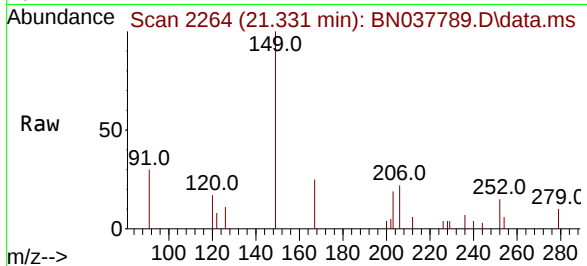




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.331 min Scan# 2137
 Delta R.T. -0.018 min
 Lab File: BN037789.D
 Acq: 18 Sep 2025 22:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1137
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.8 31.2
 279 5.5 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037789.D
 Acq: 18 Sep 2025 22:27

Tgt Ion:264 Resp: 11717
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 75.4 39.4 59.2#

