

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037533.D
 Acq On : 22 Jul 2025 11:28
 Operator : RC/JU
 Sample : PB168952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 11:54:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

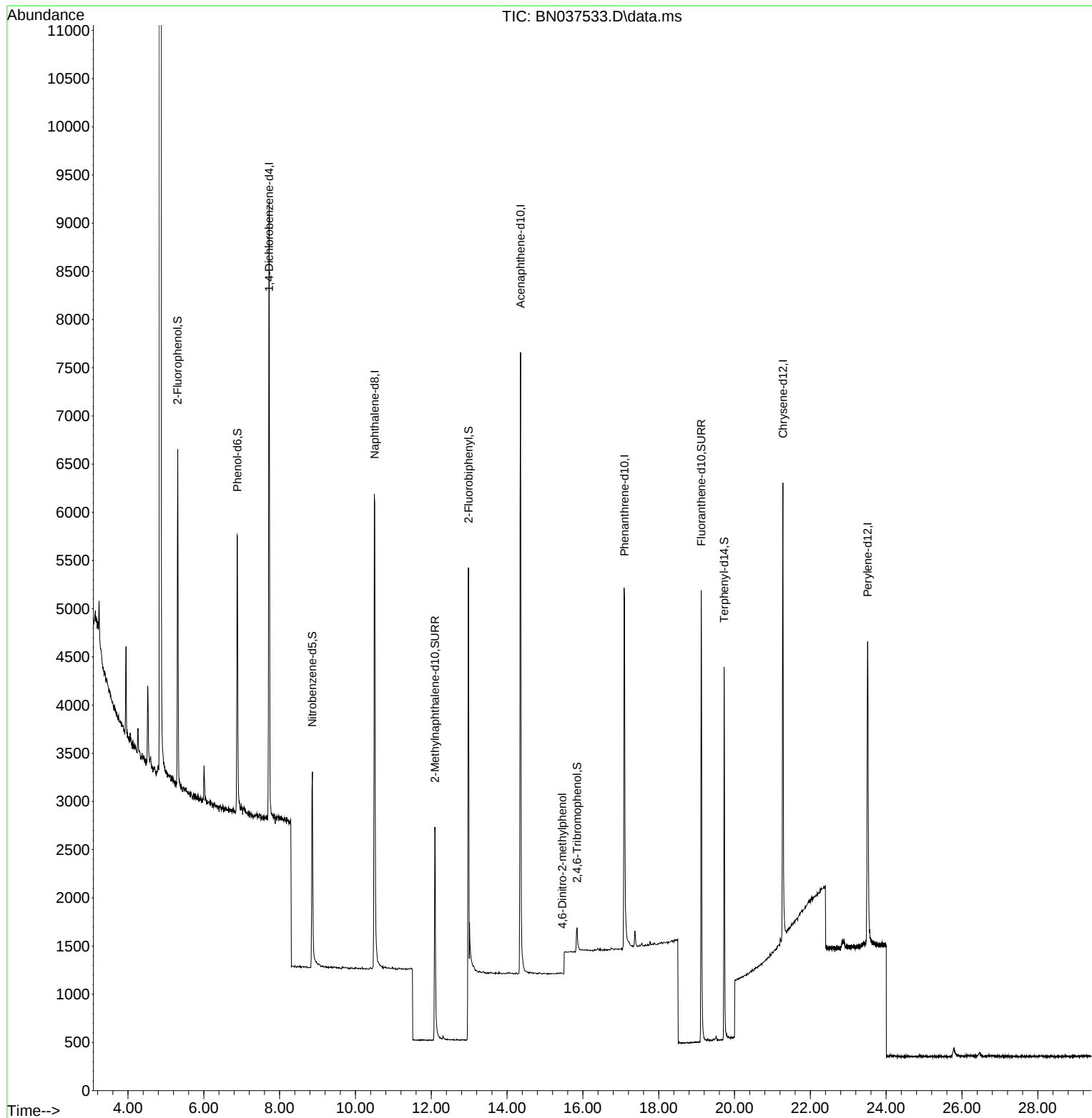
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	3218	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	8001	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	4007	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	6964	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4782	0.400	ng	0.00
35) Perylene-d12	23.513	264	4734	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2663	0.335	ng	0.00
5) Phenol-d6	6.887	99	3019	0.302	ng	0.00
8) Nitrobenzene-d5	8.865	82	1976	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	3640	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	232	0.118	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7692	0.369	ng	0.00
27) Fluoranthene-d10	19.122	212	5631	0.305	ng	0.00
31) Terphenyl-d14	19.726	244	3896	0.379	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.094	ng	Qvalue # 9

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

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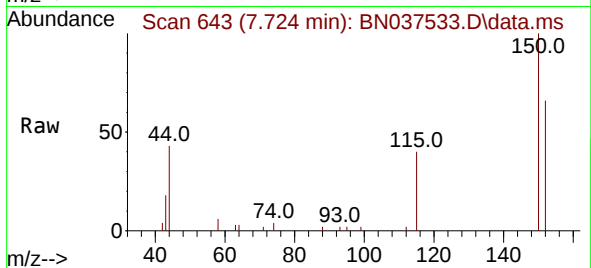
Quant Time: Jul 22 11:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



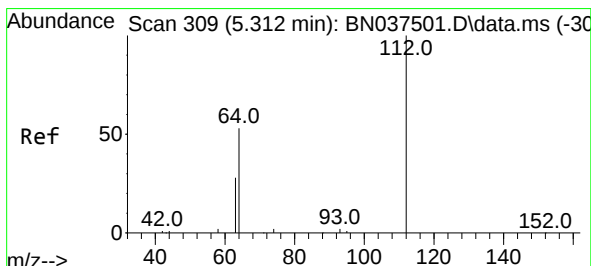
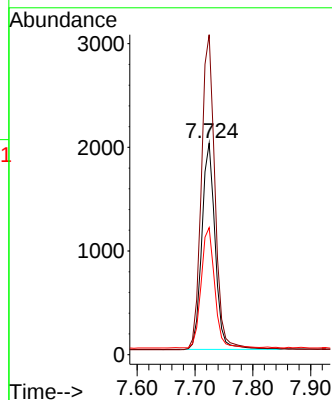
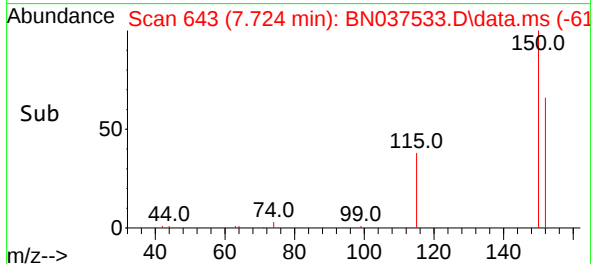


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037533.D
 Acq: 22 Jul 2025 11:28

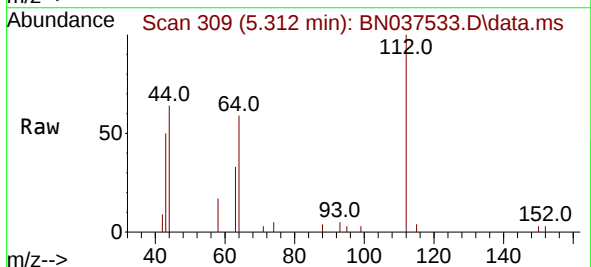
Instrument :
 BNA_N
 ClientSampleId :



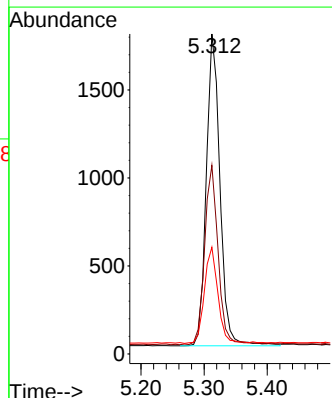
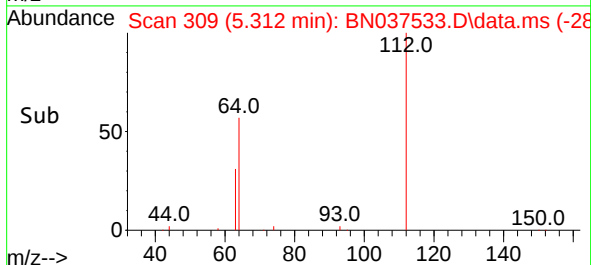
Tgt Ion:152 Resp: 3218
 Ion Ratio Lower Upper
 152 100
 150 151.2 119.8 179.8
 115 60.0 49.1 73.7

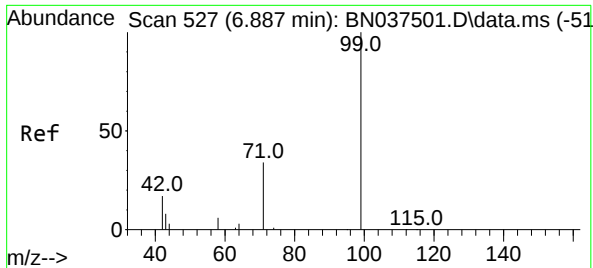


#4
 2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037533.D
 Acq: 22 Jul 2025 11:28



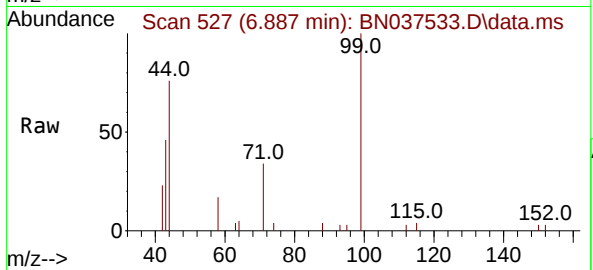
Tgt Ion:112 Resp: 2663
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.1 67.7
 63 30.3 23.8 35.8



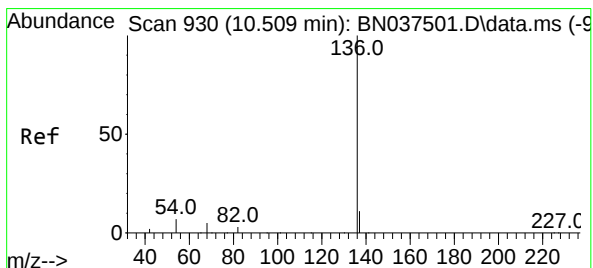
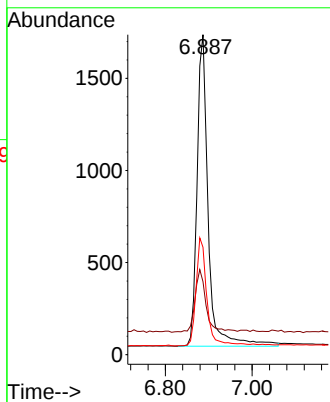
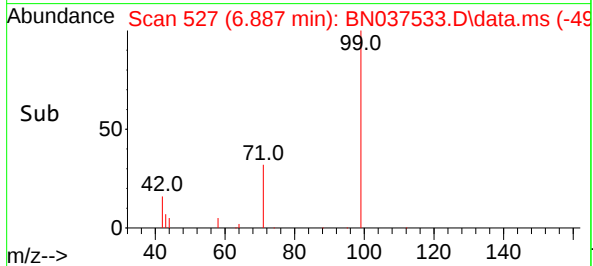


#5
Phenol-d6
Concen: 0.302 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Instrument :
BNA_N
ClientSampleId :

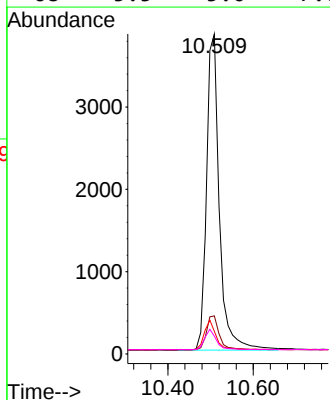
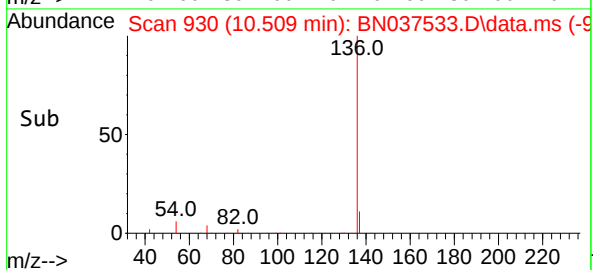
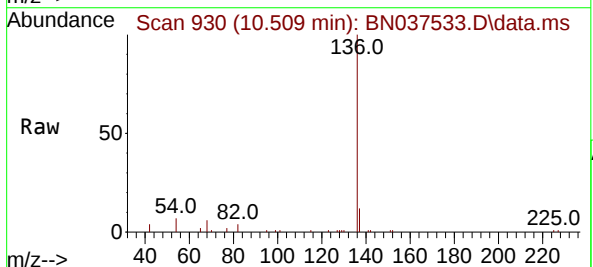


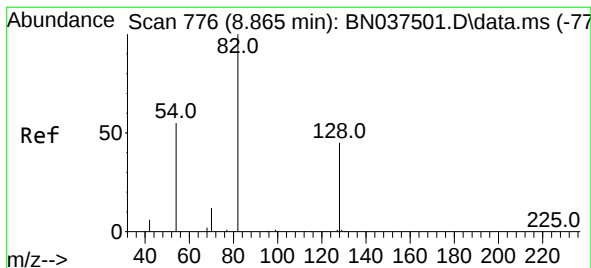
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.1	25.7
71	33.8	27.8	41.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	7.0	6.6	9.8
68	5.5	5.0	7.6





#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.865 min Scan# 71

Delta R.T. 0.000 min

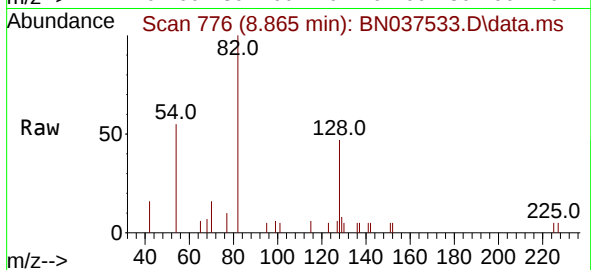
Lab File: BN037533.D

Acq: 22 Jul 2025 11:28

Instrument :

BNA_N

ClientSampleId :



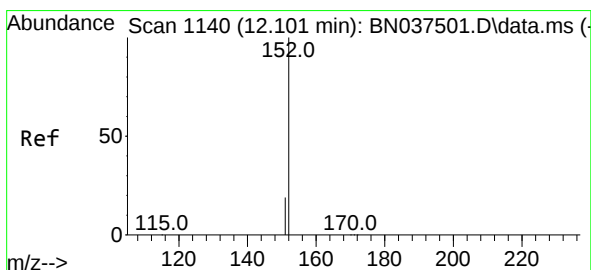
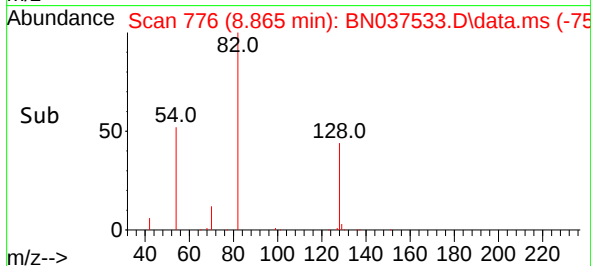
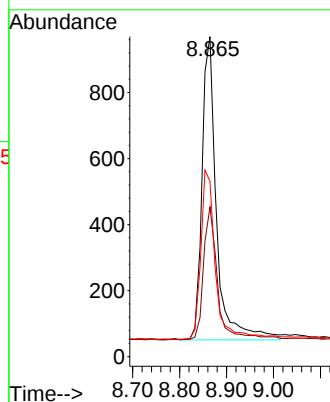
Tgt Ion: 82 Resp: 1976

Ion Ratio Lower Upper

82 100

128 46.7 37.5 56.3

54 54.8 45.3 67.9



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.096 min Scan# 1139

Delta R.T. -0.005 min

Lab File: BN037533.D

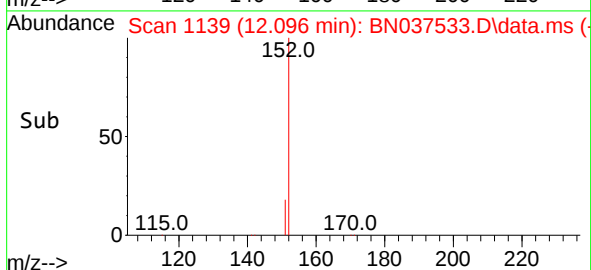
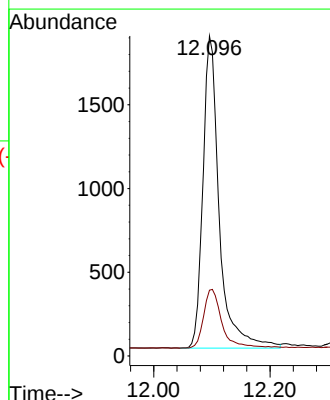
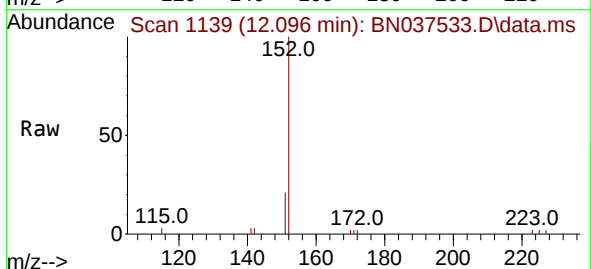
Acq: 22 Jul 2025 11:28

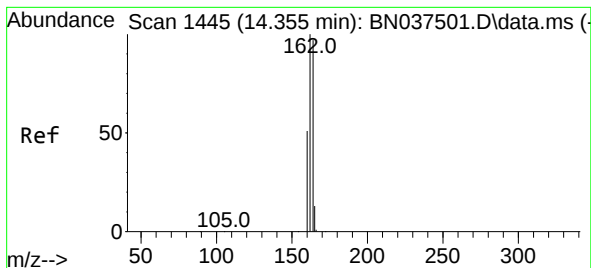
Tgt Ion: 152 Resp: 3640

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.356 min Scan# 1445

Delta R.T. 0.000 min

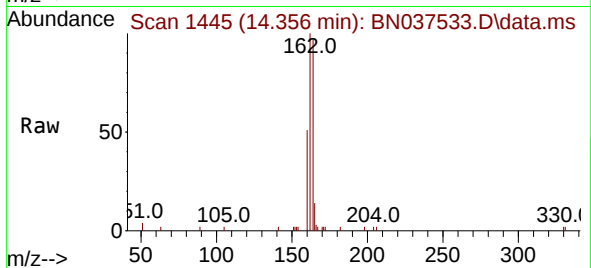
Lab File: BN037533.D

Acq: 22 Jul 2025 11:28

Instrument :

BNA_N

ClientSampleId :



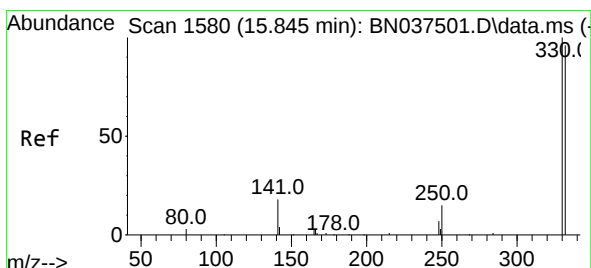
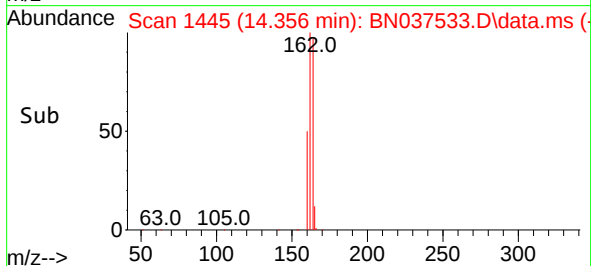
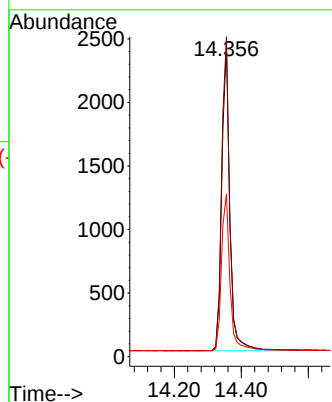
Tgt Ion:164 Resp: 4007

Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

160 52.4 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.118 ng

RT: 15.845 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BN037533.D

Acq: 22 Jul 2025 11:28

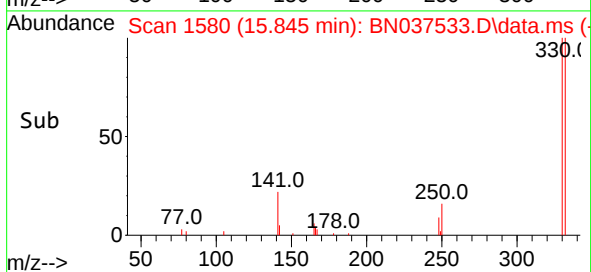
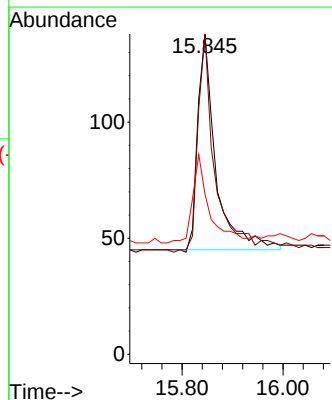
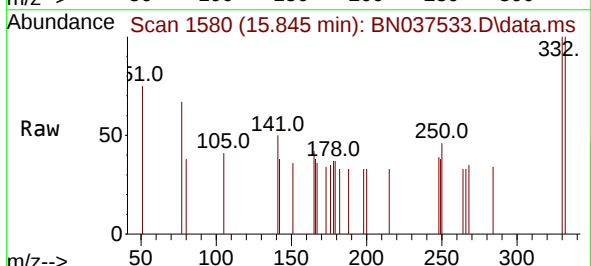
Tgt Ion:330 Resp: 232

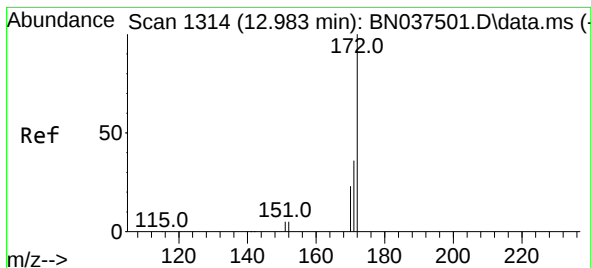
Ion Ratio Lower Upper

330 100

332 94.8 76.1 114.1

141 37.5 33.4 50.0

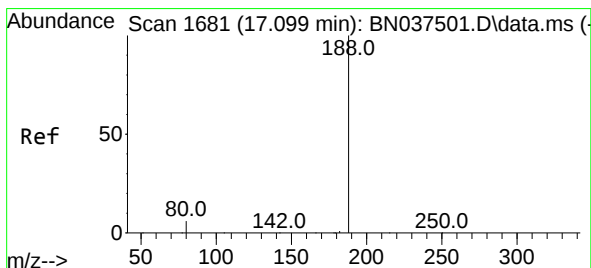
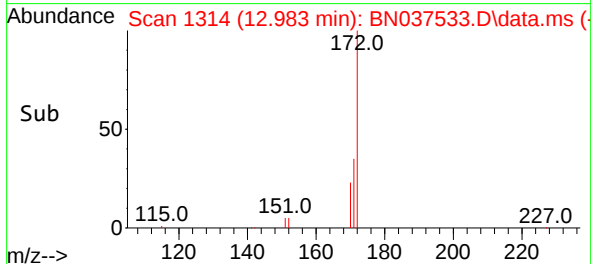
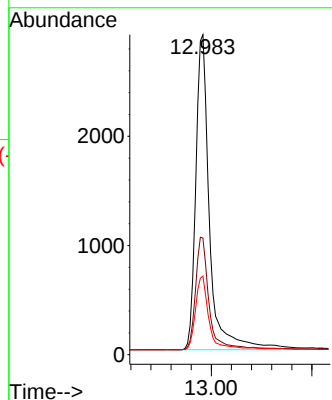
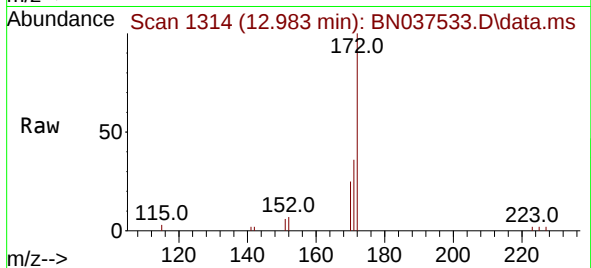




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

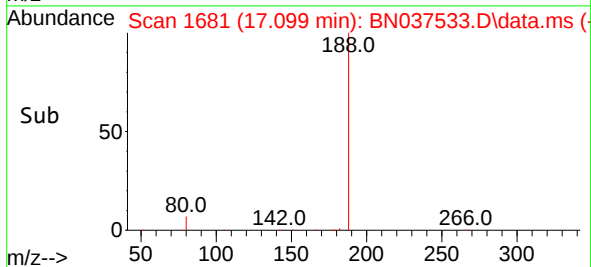
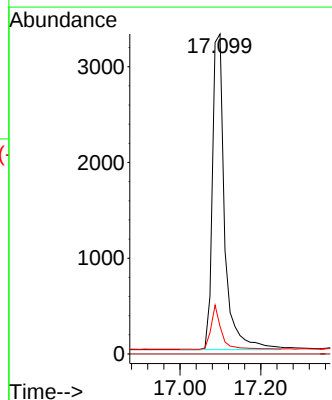
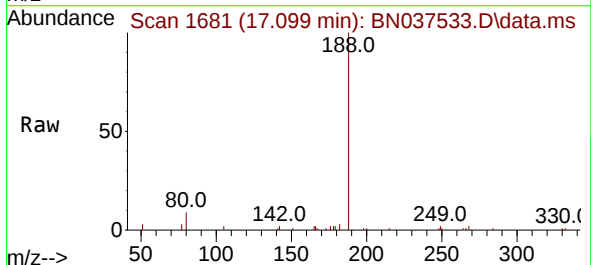
Instrument :
BNA_N
ClientSampleId :

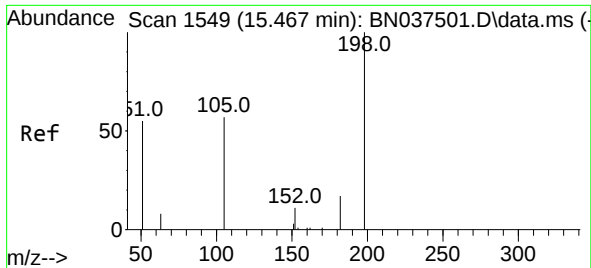
Tgt Ion:172 Resp: 7692
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.5 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Tgt Ion:188 Resp: 6964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.0 9.0

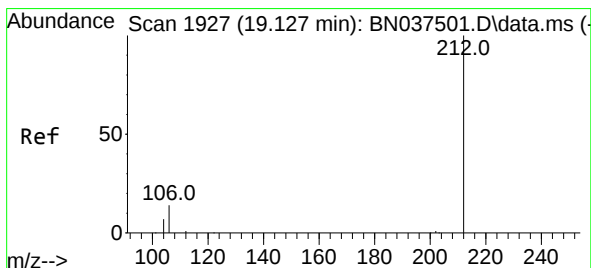
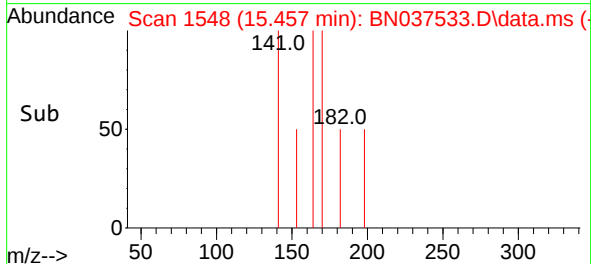
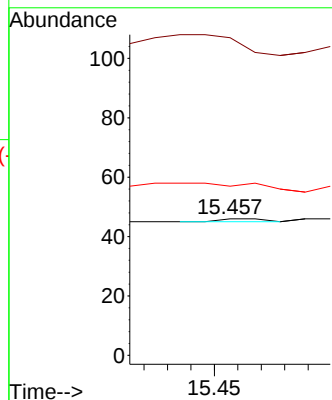
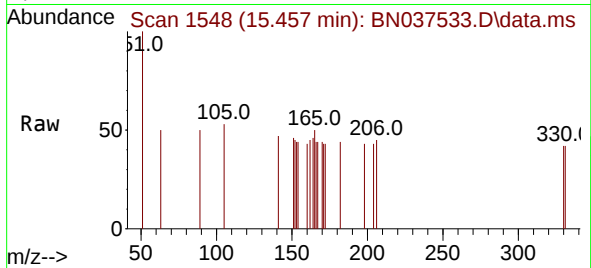




#20
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

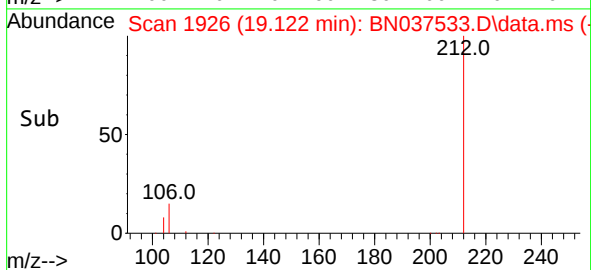
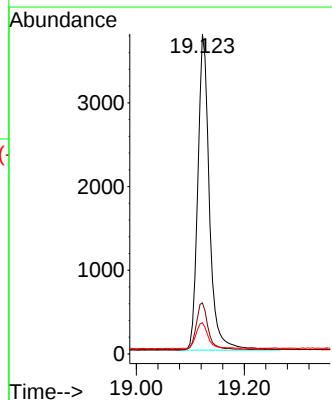
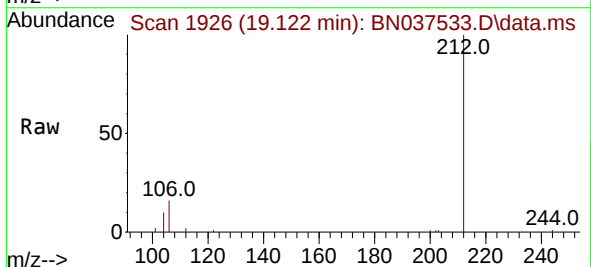
Instrument :
BNA_N
ClientSampleId :

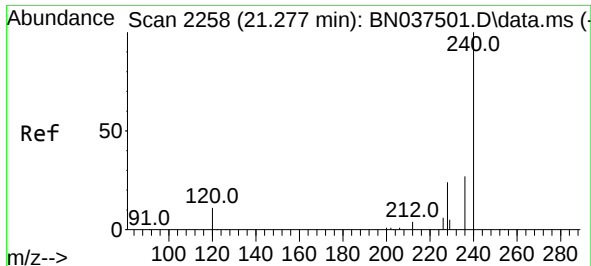
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 232.6 88.5 132.7#
105 123.9 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

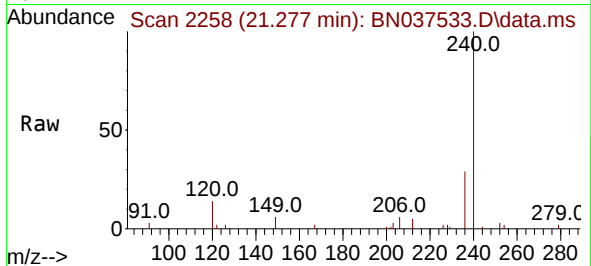
Tgt Ion:212 Resp: 5631
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.4
104 8.5 6.7 10.1



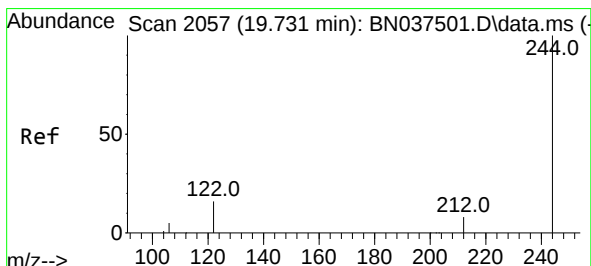
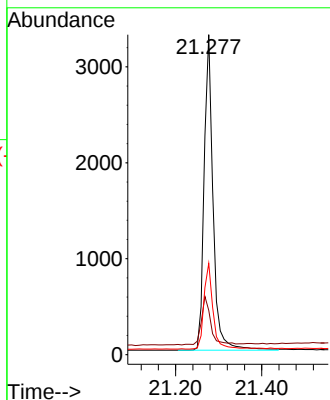
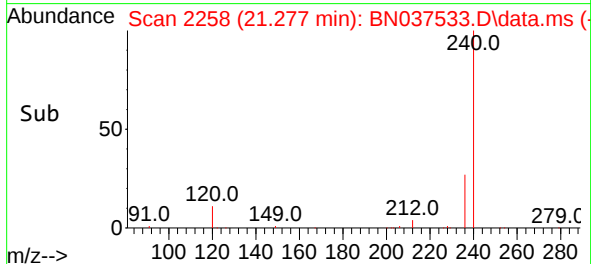


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

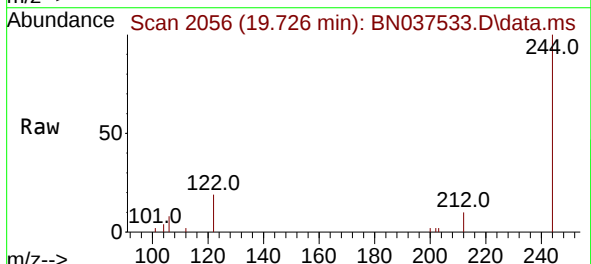
Instrument :
BNA_N
ClientSampleId :



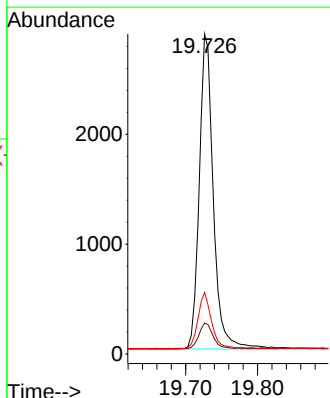
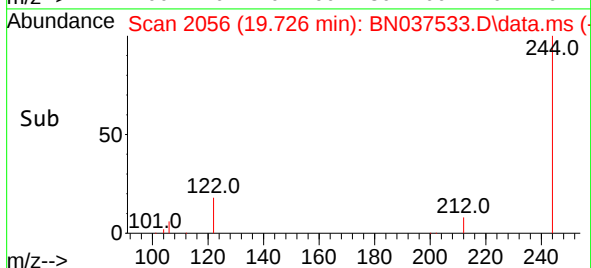
Tgt Ion:240 Resp: 4782
Ion Ratio Lower Upper
240 100
120 13.9 10.7 16.1
236 28.5 22.6 33.8

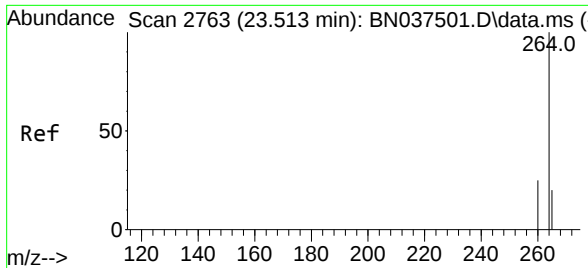


#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28



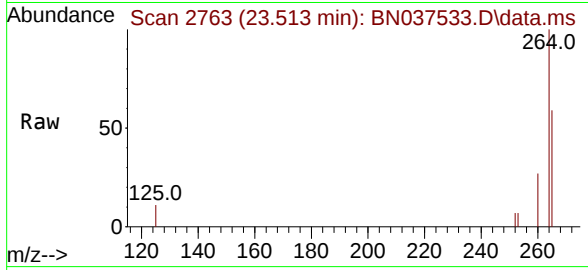
Tgt Ion:244 Resp: 3896
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.2
122 19.3 13.6 20.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037533.D
Acq: 22 Jul 2025 11:28

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 4734

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	59.1	40.4	60.6

