

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037946.D
 Acq On : 30 Sep 2025 14:06
 Operator : RC/JU
 Sample : SP6873
 Misc : 8270 SIM SURROGATE
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6873

Quant Time: Sep 30 14:31:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7678	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	21859	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	10105	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20502	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15211	0.400	ng	0.00
35) Perylene-d12	23.727	264	13263	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	7124	0.407	ng	0.00
5) Phenol-d6	6.973	99	8661	0.376	ng	0.00
8) Nitrobenzene-d5	8.961	82	7202	0.432	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10518	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1240	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	19064	0.461	ng	0.00
27) Fluoranthene-d10	19.248	212	19394	0.376	ng	0.00
31) Terphenyl-d14	19.847	244	16157	0.533	ng	0.00

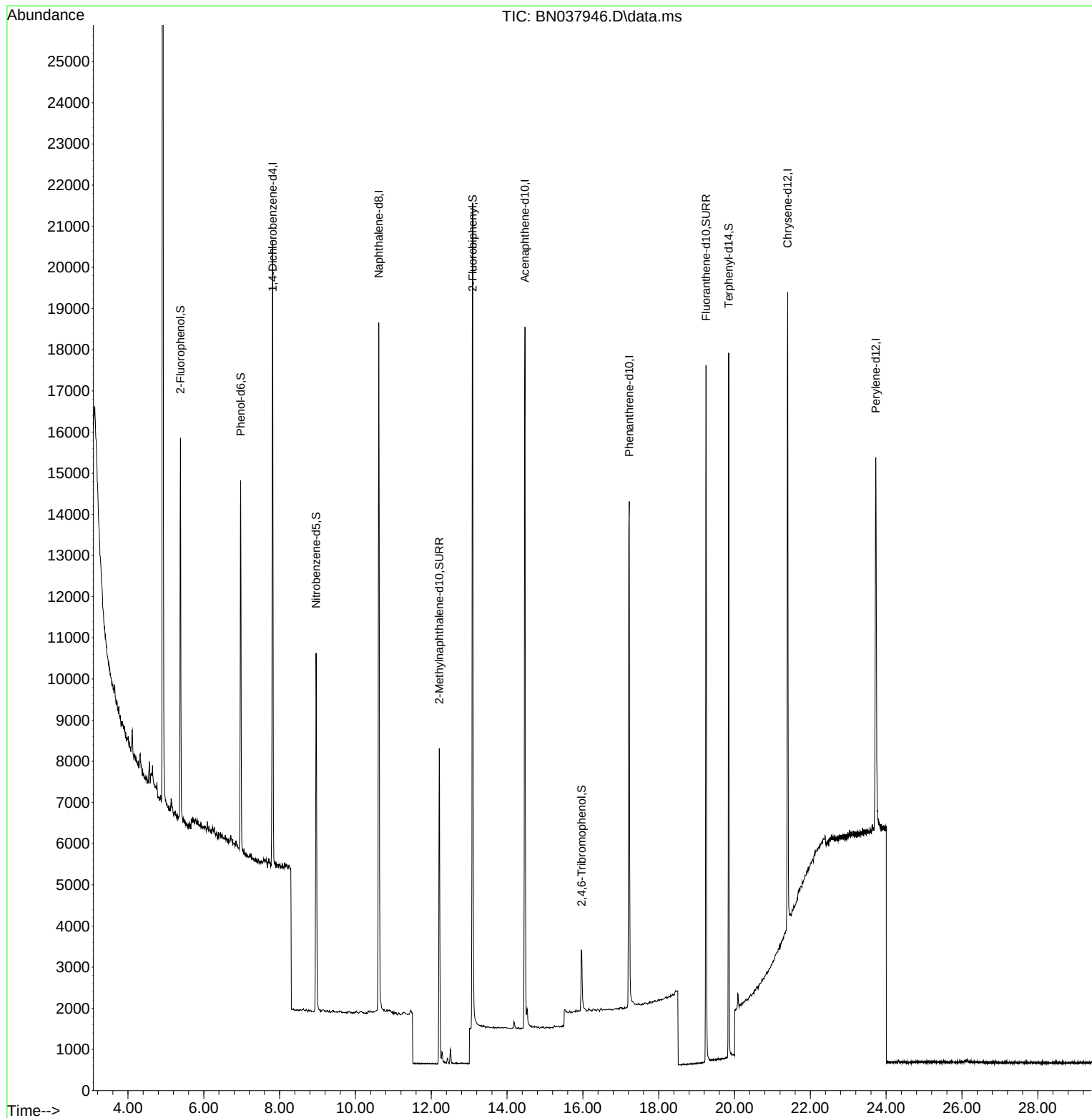
Target Compounds Qvalue

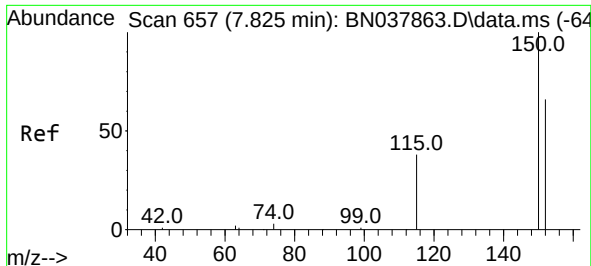
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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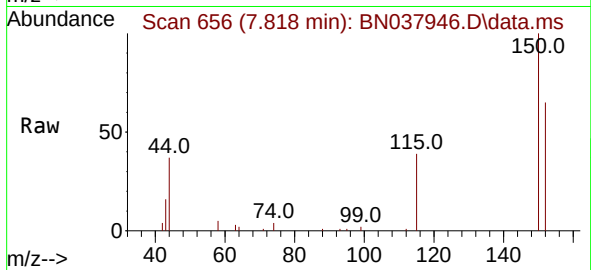
Quant Time: Sep 30 14:31:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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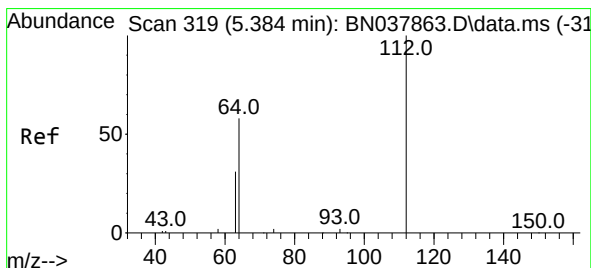
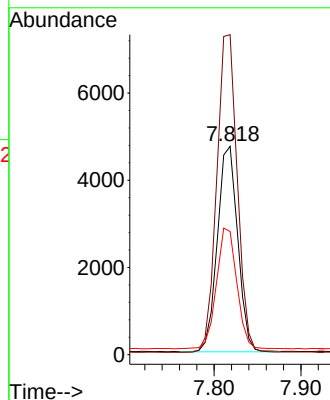
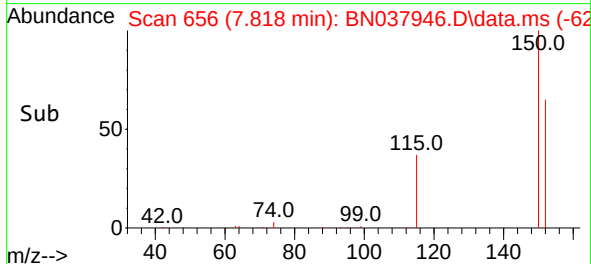


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Instrument :
BNA_N
ClientSampleId :
SP6873

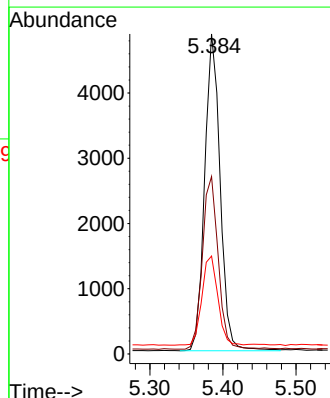
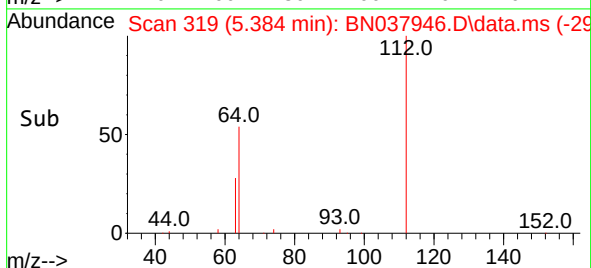
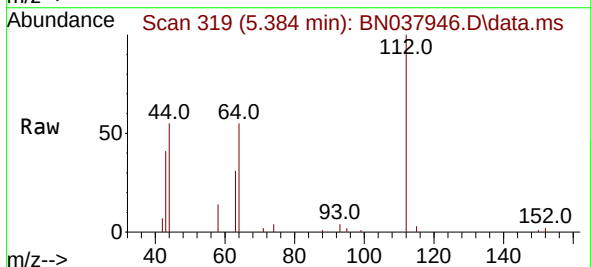


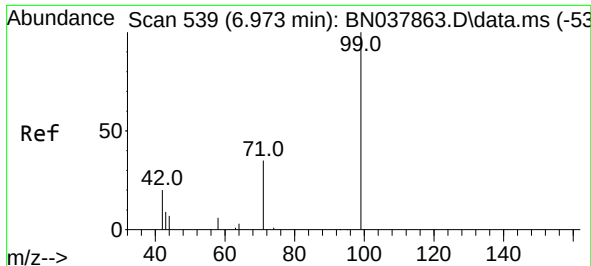
Tgt Ion:152 Resp: 7678
Ion Ratio Lower Upper
152 100
150 153.6 121.0 181.4
115 59.1 47.4 71.0



#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion:112 Resp: 7124
Ion Ratio Lower Upper
112 100
64 56.1 44.6 66.8
63 28.7 24.9 37.3

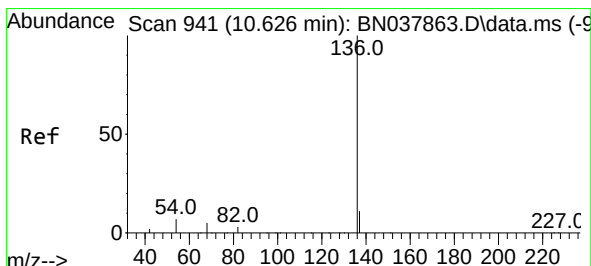
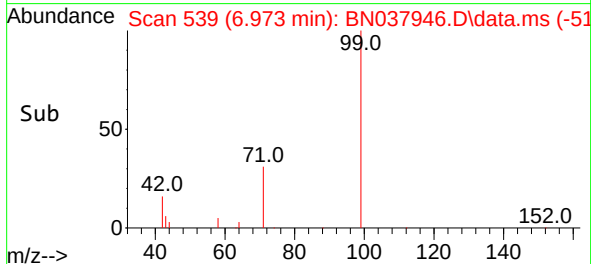
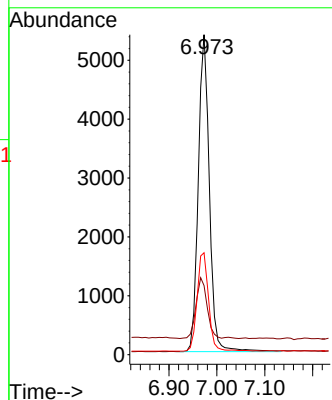
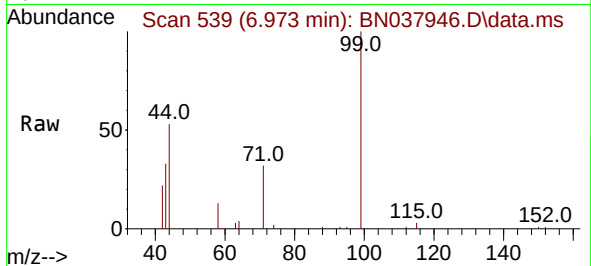




#5
Phenol-d6
Concen: 0.376 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

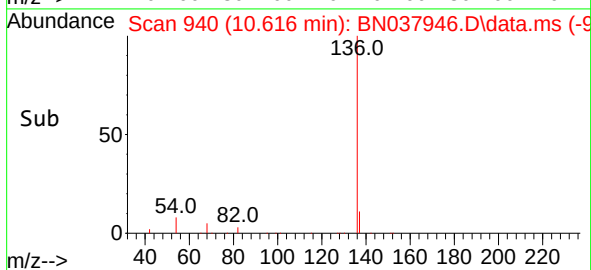
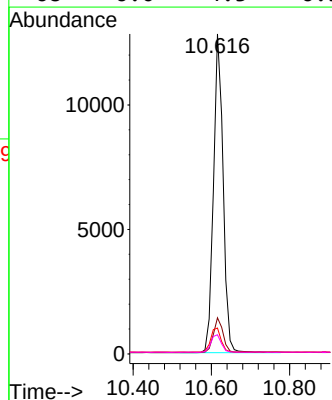
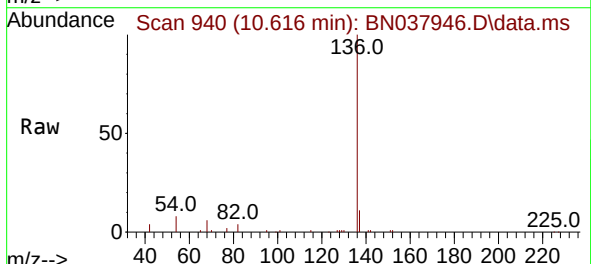
Instrument :
BNA_N
ClientSampleId :
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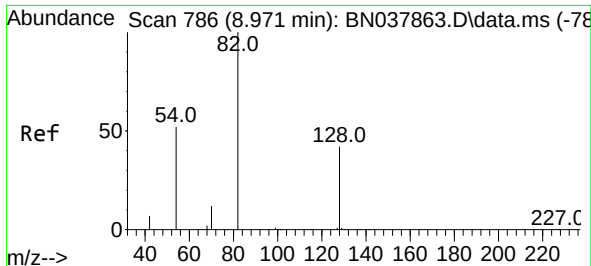
Tgt Ion:	99	Resp:	8661
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.2	25.8
71	32.1	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion:	136	Resp:	21859
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.1	5.8	8.8
68	6.0	4.3	6.5

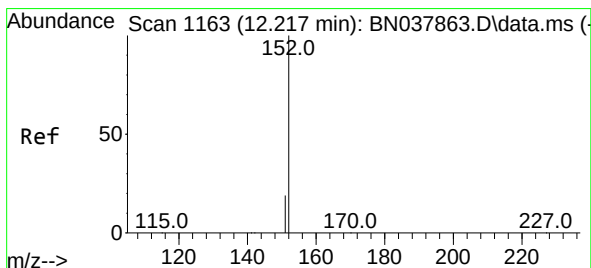
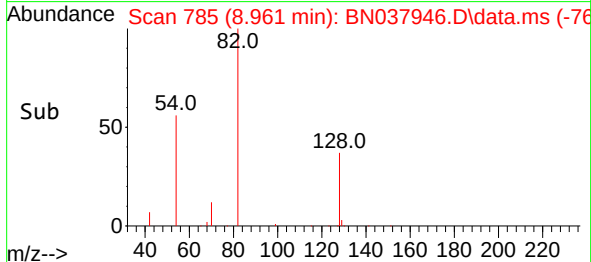
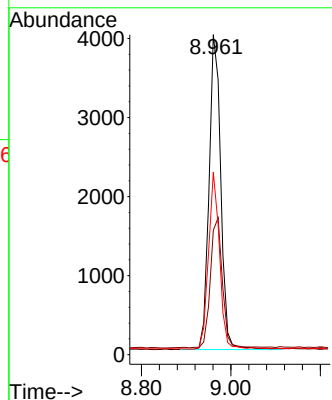
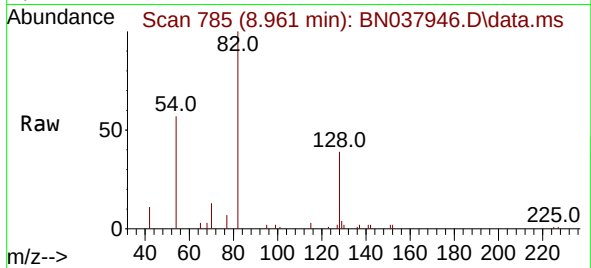




#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

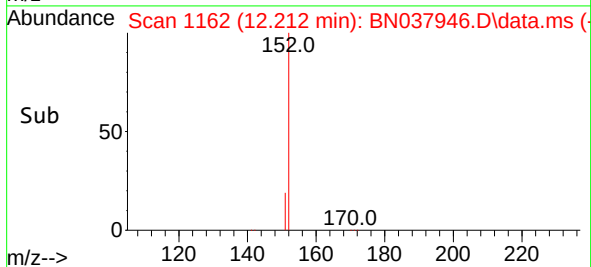
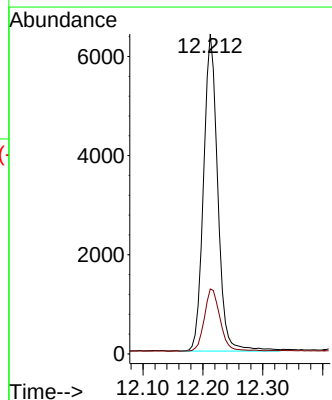
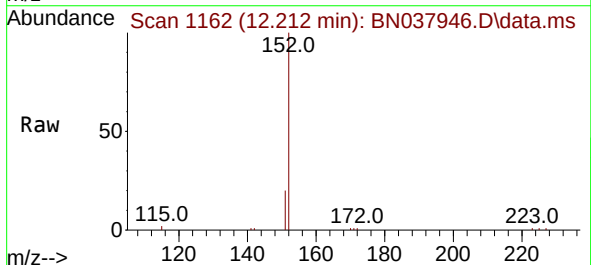
Instrument :
BNA_N
ClientSampleId :
SP6873

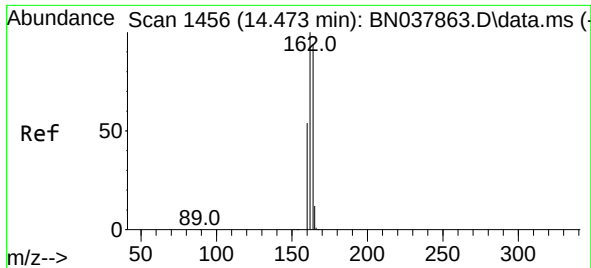
Tgt Ion: 82 Resp: 7202
Ion Ratio Lower Upper
82 100
128 38.9 34.8 52.2
54 57.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion: 152 Resp: 10518
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2

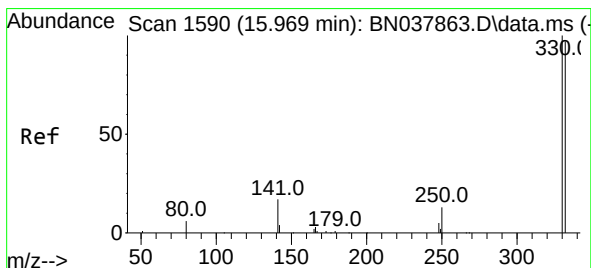
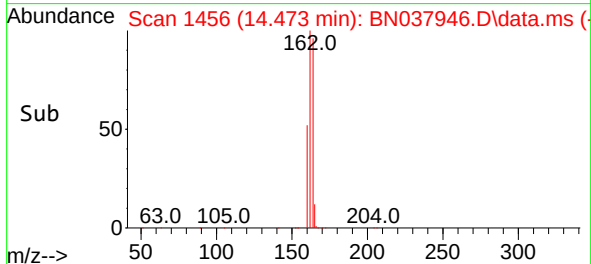
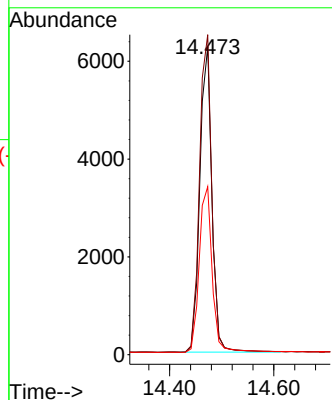
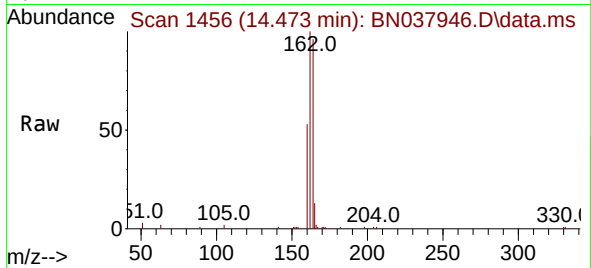




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

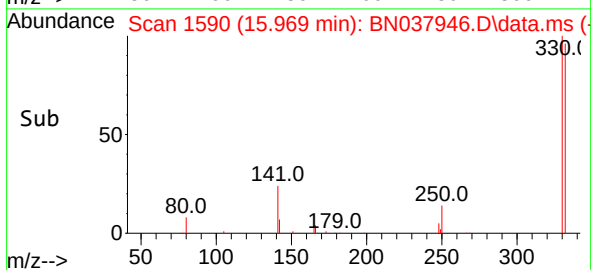
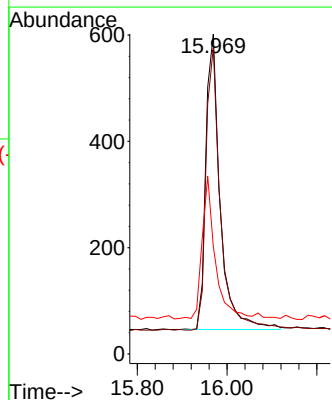
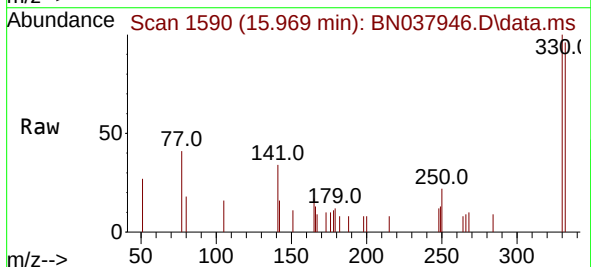
Instrument :
BNA_N
ClientSampleId :
SP6873

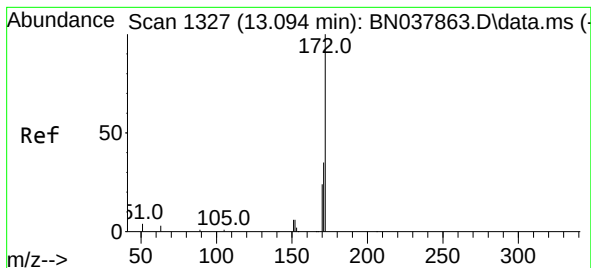
Tgt Ion:164 Resp: 10105
Ion Ratio Lower Upper
164 100
162 103.9 84.8 127.2
160 54.6 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion:330 Resp: 1240
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 43.1 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.461 ng

RT: 13.094 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037946.D

Acq: 30 Sep 2025 14:06

Instrument :

BNA_N

ClientSampleId :

SP6873

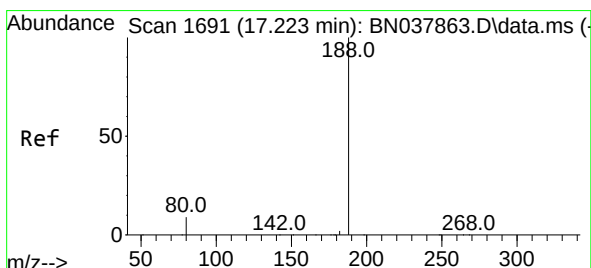
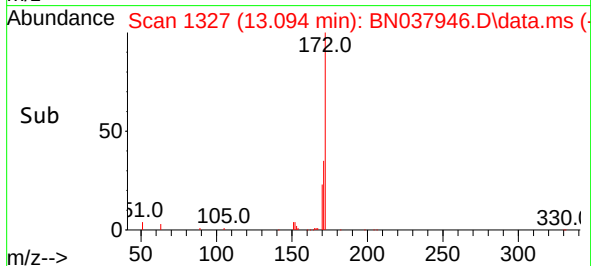
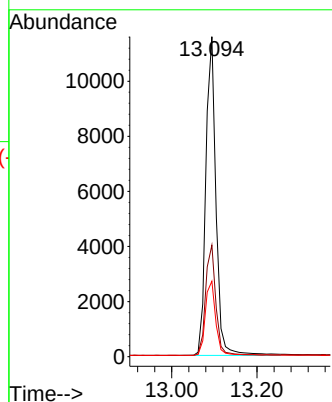
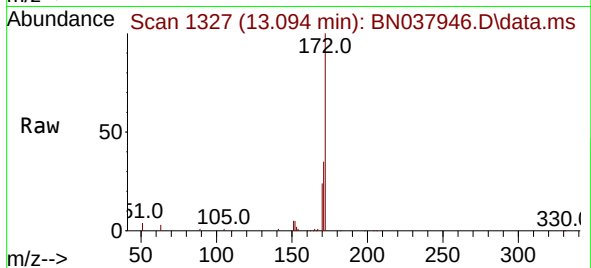
Tgt Ion:172 Resp: 19064

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.6 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN037946.D

Acq: 30 Sep 2025 14:06

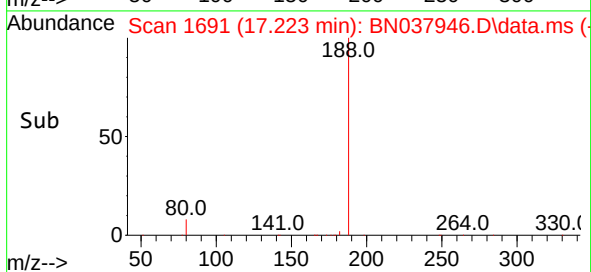
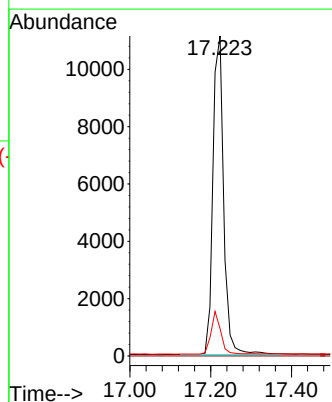
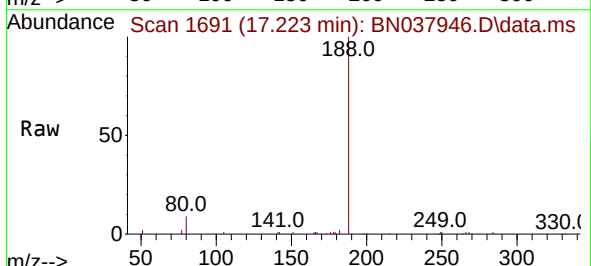
Tgt Ion:188 Resp: 20502

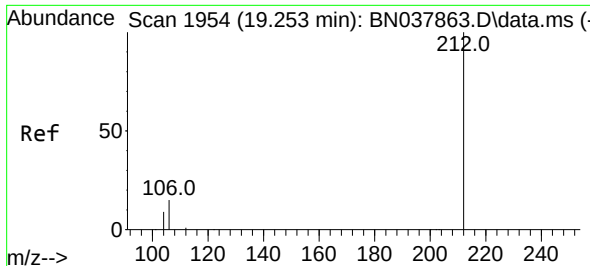
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 7.6 11.4

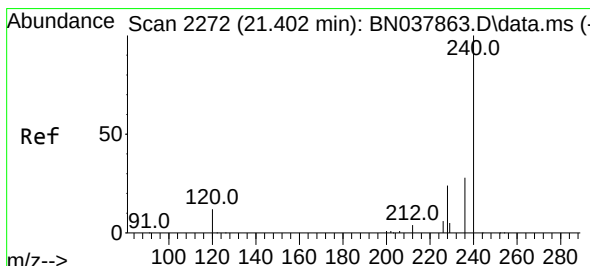
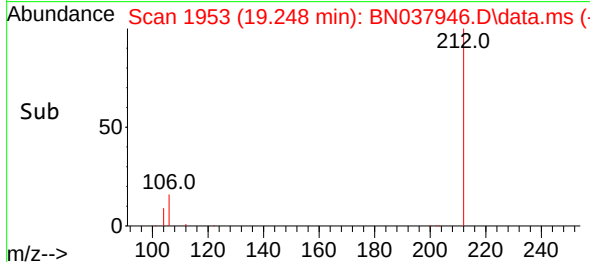
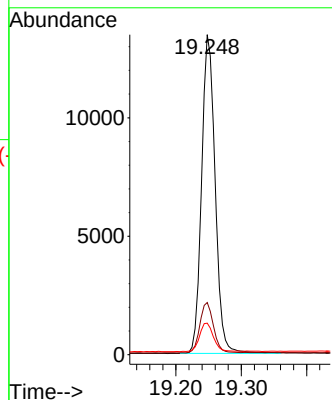
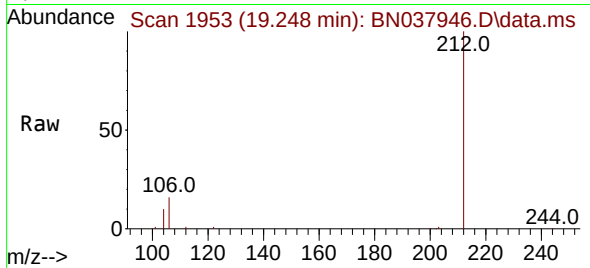




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

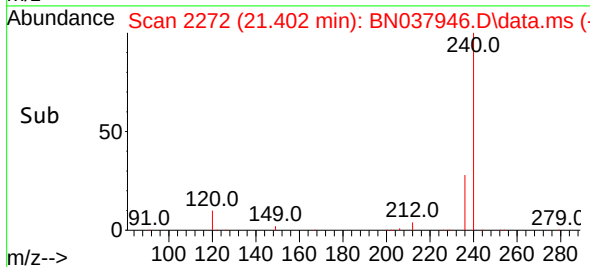
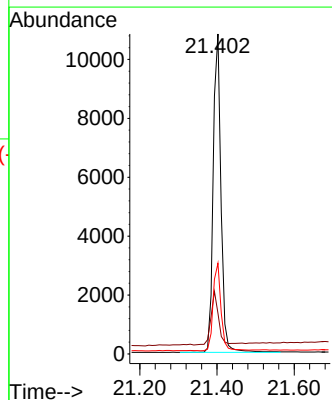
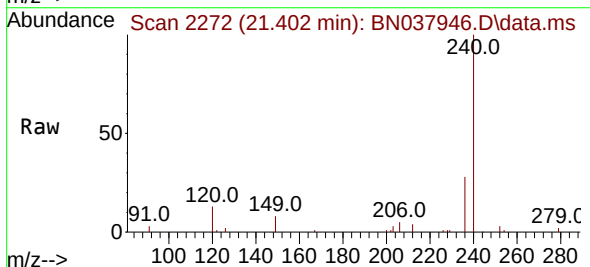
Instrument :
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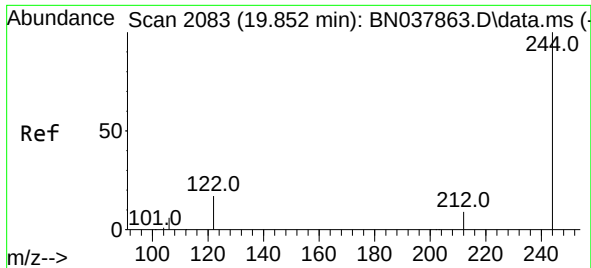
Tgt Ion:212 Resp: 19394
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.3 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion:240 Resp: 15211
Ion Ratio Lower Upper
240 100
120 12.7 11.4 17.2
236 28.4 23.0 34.6

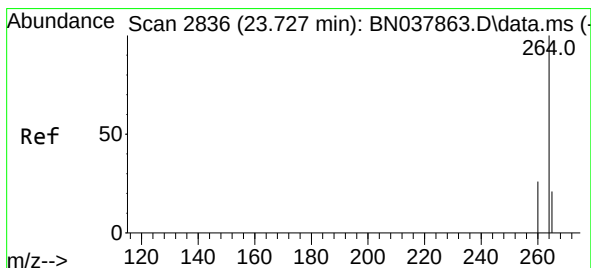
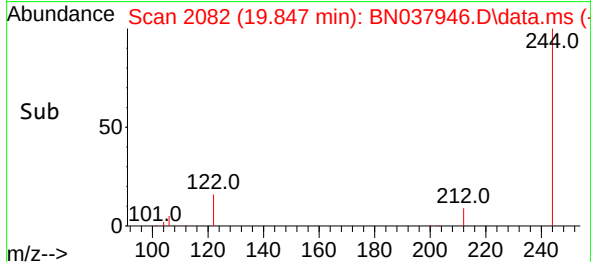
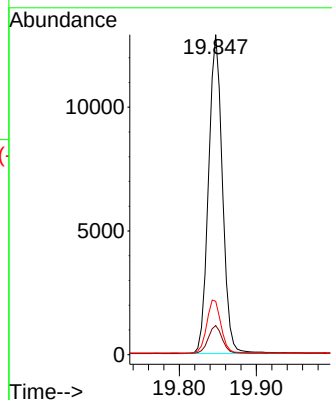
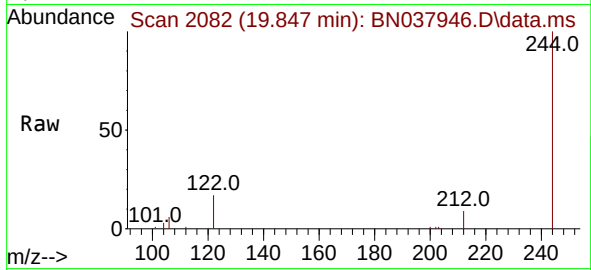




#31
Terphenyl-d14
Concen: 0.533 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Instrument :
BNA_N
ClientSampleId :
SP6873

Tgt Ion:244 Resp: 16157
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 16.7 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.727 min Scan# 2836
Delta R.T. 0.000 min
Lab File: BN037946.D
Acq: 30 Sep 2025 14:06

Tgt Ion:264 Resp: 13263
Ion Ratio Lower Upper
264 100
260 26.9 21.5 32.3
265 85.9 53.8 80.6#

