

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
 Data File : BN037075.D
 Acq On : 20 May 2025 15:45
 Operator : RC/JU
 Sample : PB168032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Quant Time: May 21 01:37:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

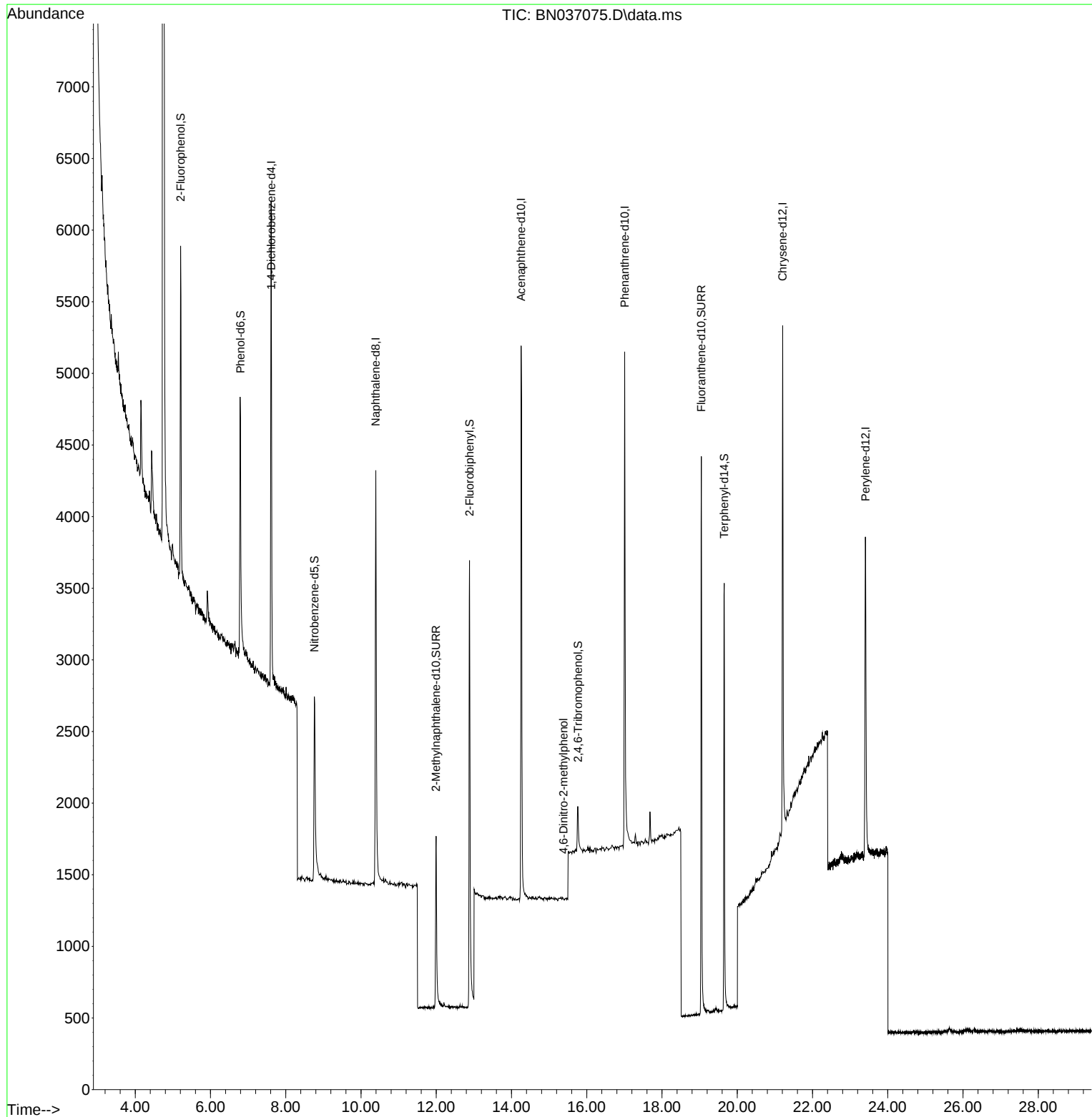
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1695	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	4260	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	2468	0.400	ng	-0.01
19) Phenanthrene-d10	17.008	188	5072	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	3622	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3128	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1576	0.355	ng	0.00
5) Phenol-d6	6.795	99	1809	0.326	ng	0.00
8) Nitrobenzene-d5	8.760	82	1493	0.322	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	2147	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	247	0.228	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	3783	0.335	ng	0.00
27) Fluoranthene-d10	19.045	212	4700	0.338	ng	0.00
31) Terphenyl-d14	19.653	244	3216	0.415	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.378	198	4	0.028	ng	# 1

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

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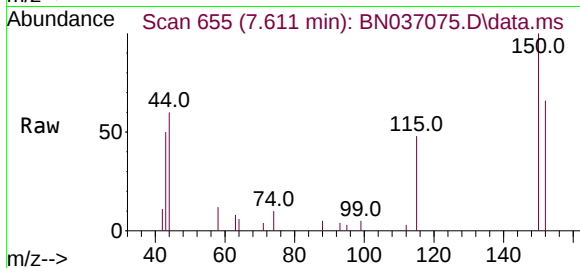
Quant Time: May 21 01:37:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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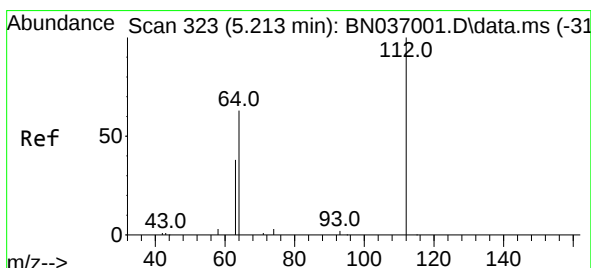
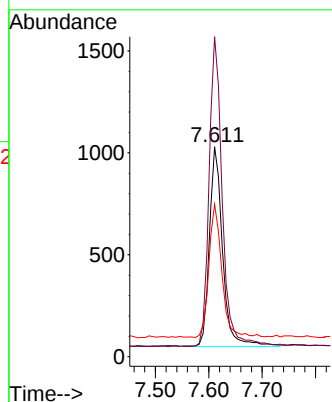
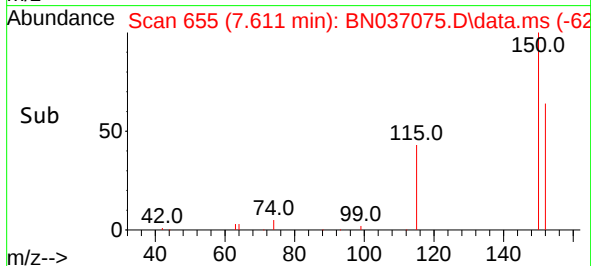


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

Instrument :
BNA_N
ClientSampleId :
PB168032BL

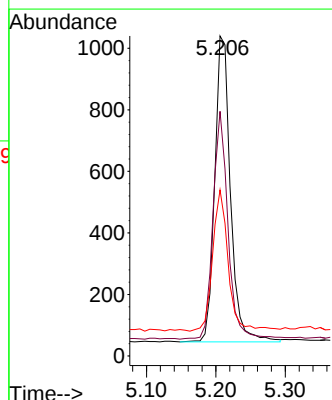
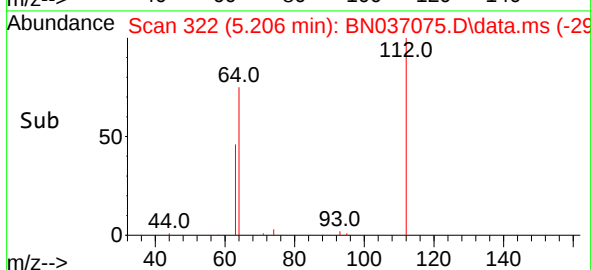
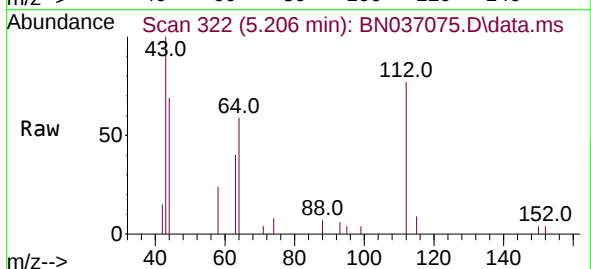


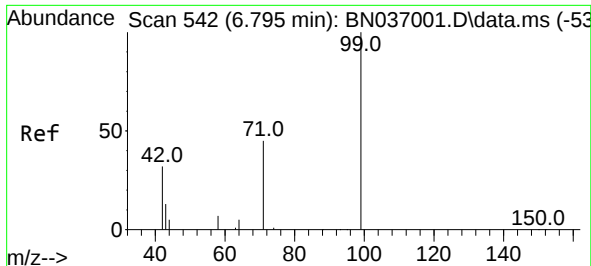
Tgt Ion:152 Resp: 1695
Ion Ratio Lower Upper
152 100
150 152.4 123.9 185.9
115 72.6 55.8 83.8



#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

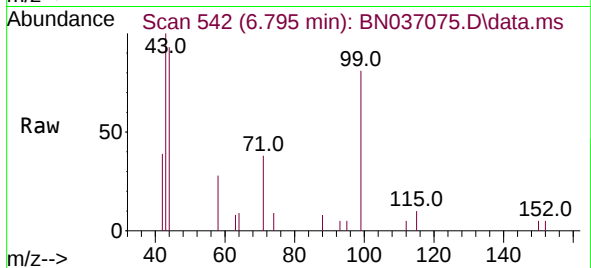
Tgt Ion:112 Resp: 1576
Ion Ratio Lower Upper
112 100
64 71.6 55.7 83.5
63 45.9 34.6 51.8



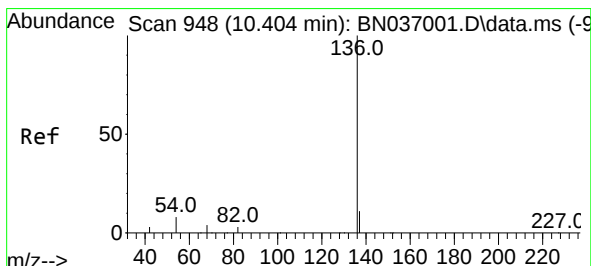
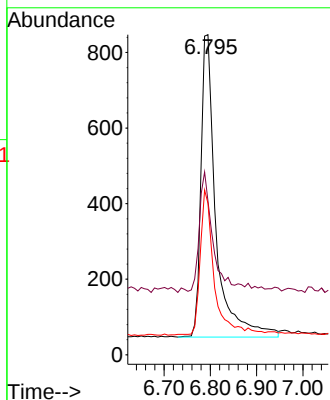
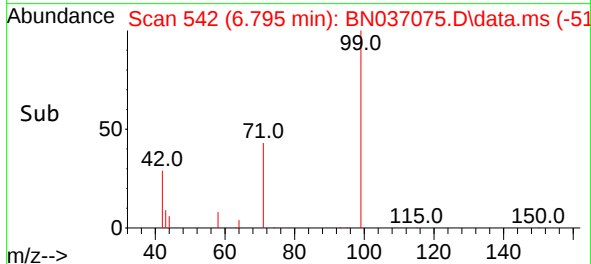


#5
Phenol-d6
Concen: 0.326 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

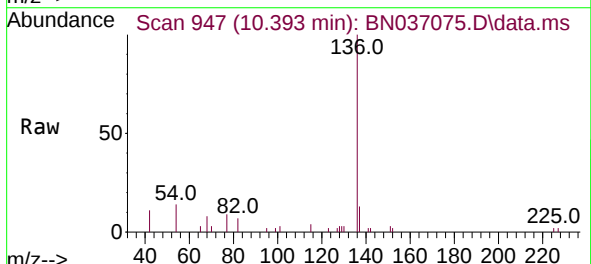
Instrument :
BNA_N
ClientSampleId :
PB168032BL



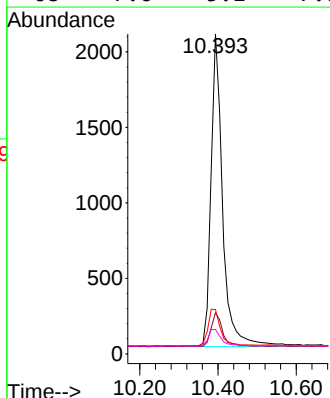
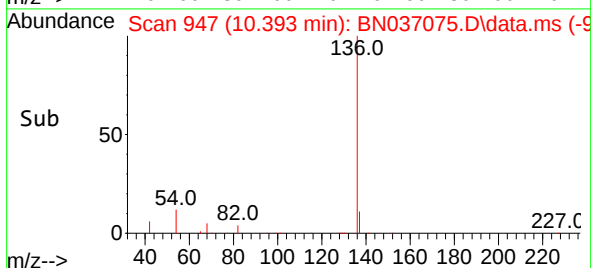
Tgt Ion:	99	Resp:	1809
Ion	Ratio	Lower	Upper
99	100		
42	34.2	29.3	43.9
71	44.3	35.7	53.5

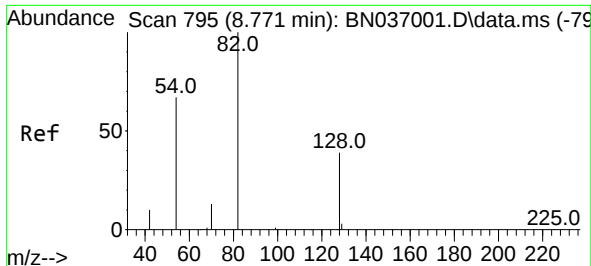


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45



Tgt Ion:	136	Resp:	4260
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	13.9	8.5	12.7#
68	7.6	5.1	7.7

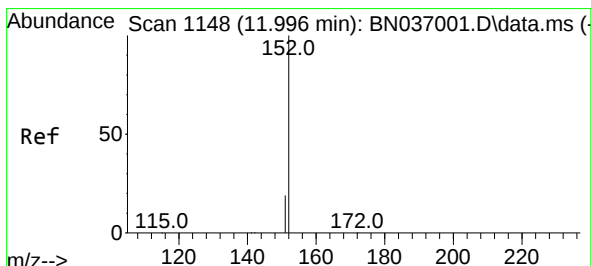
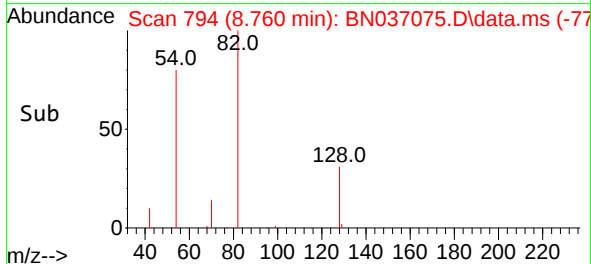
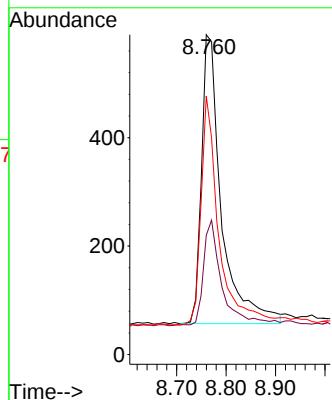
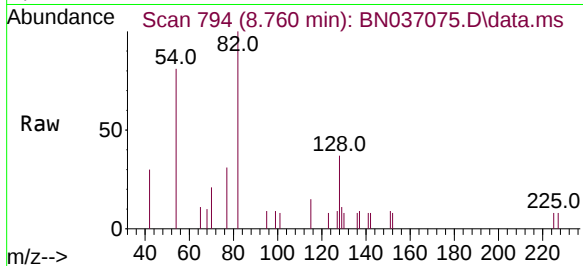




#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

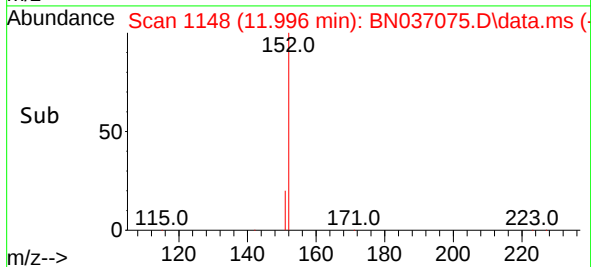
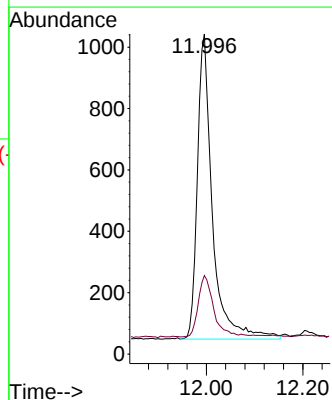
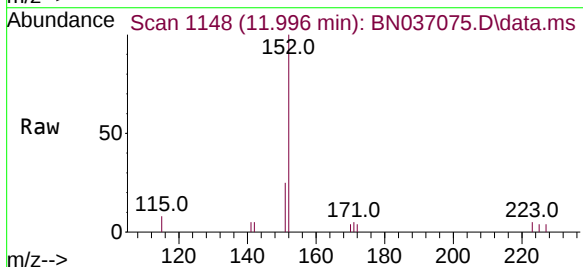
Instrument :
BNA_N
ClientSampleId :
PB168032BL

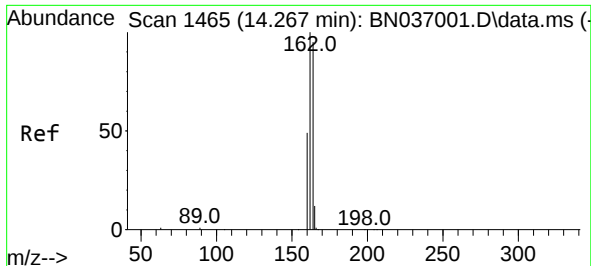
Tgt Ion: 82 Resp: 1493
Ion Ratio Lower Upper
82 100
128 37.3 34.0 51.0
54 80.8 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.996 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

Tgt Ion:152 Resp: 2147
Ion Ratio Lower Upper
152 100
151 20.4 17.5 26.3

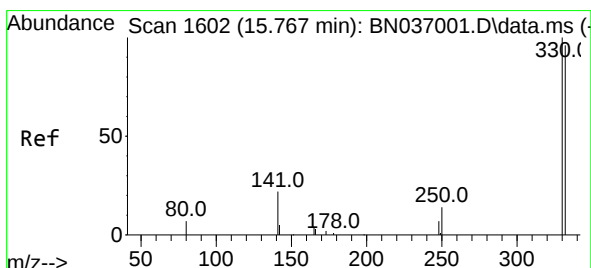
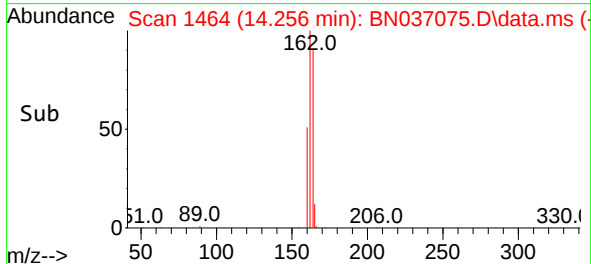
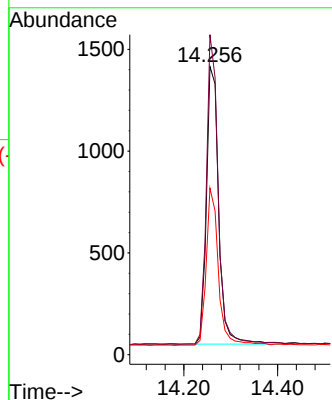
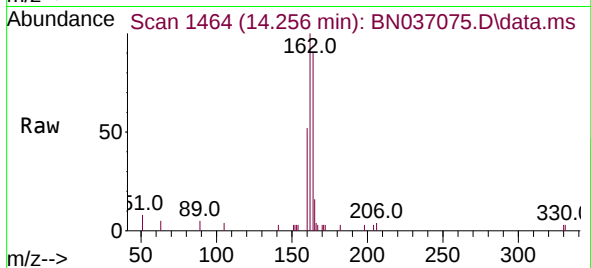




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

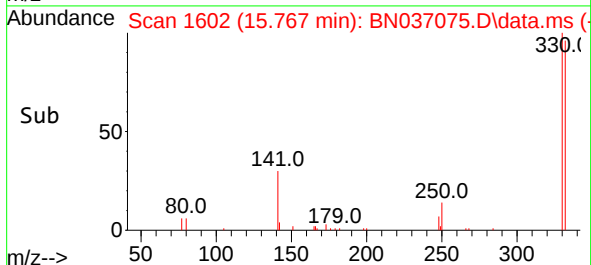
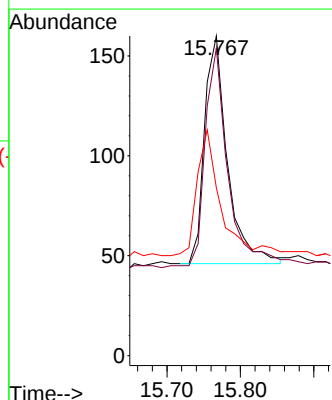
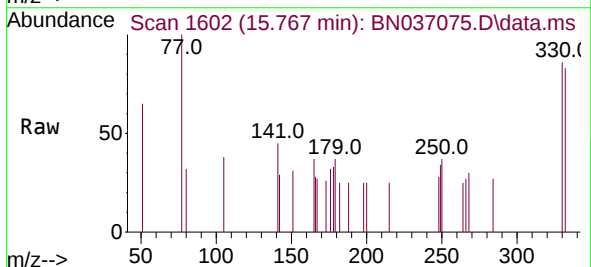
Instrument :
BNA_N
ClientSampleId :
PB168032BL

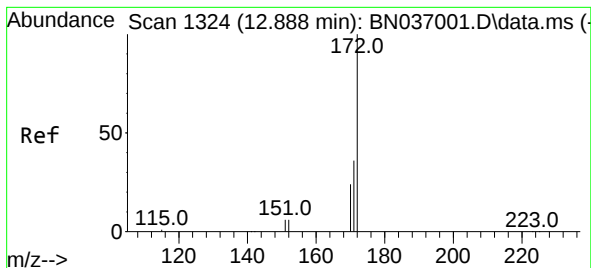
Tgt Ion:164 Resp: 2468
Ion Ratio Lower Upper
164 100
162 111.0 84.2 126.4
160 57.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

Tgt Ion:330 Resp: 247
Ion Ratio Lower Upper
330 100
332 100.0 73.8 110.8
141 59.1 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.335 ng

RT: 12.883 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037075.D

Acq: 20 May 2025 15:45

Instrument :

BNA_N

ClientSampleId :

PB168032BL

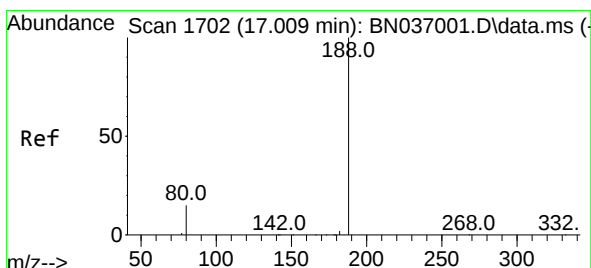
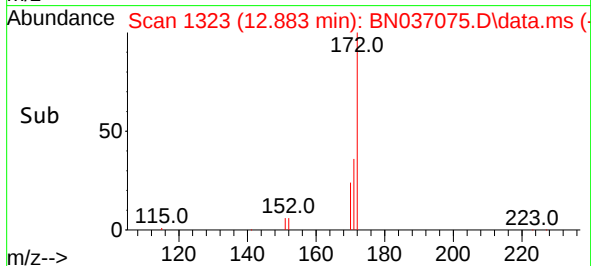
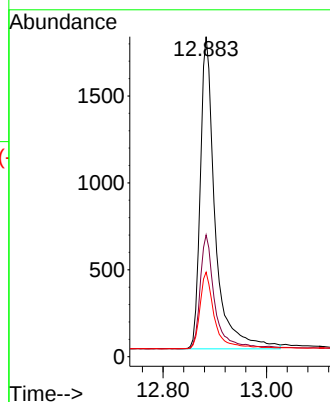
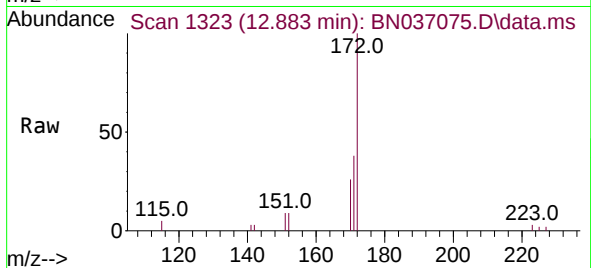
Tgt Ion:172 Resp: 3783

Ion Ratio Lower Upper

172 100

171 38.1 29.2 43.8

170 26.4 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BN037075.D

Acq: 20 May 2025 15:45

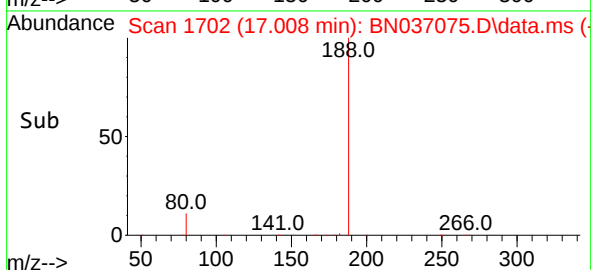
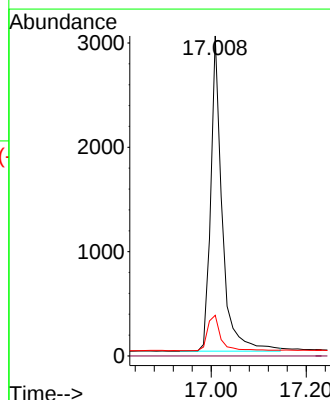
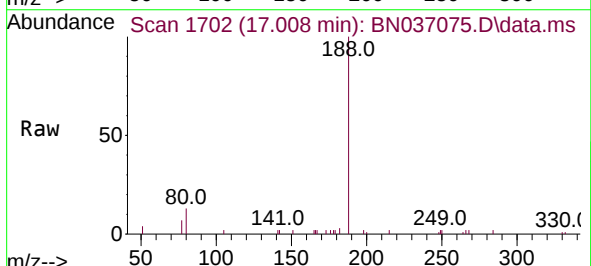
Tgt Ion:188 Resp: 5072

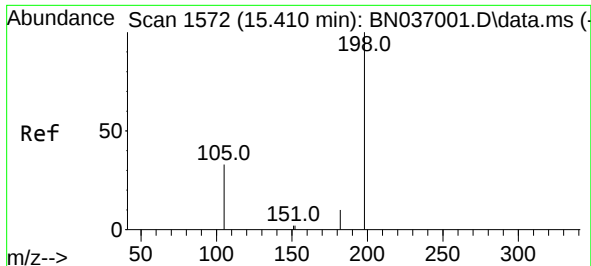
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 13.4 20.0#

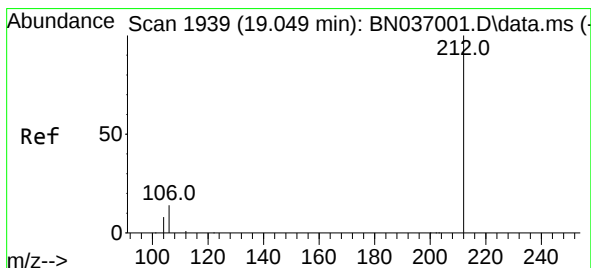
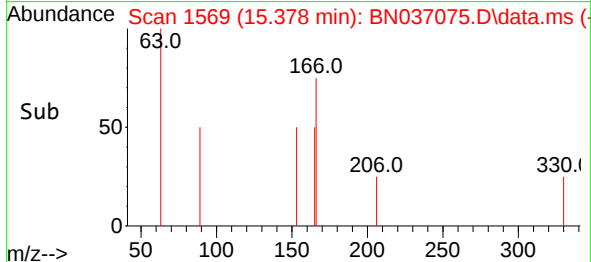
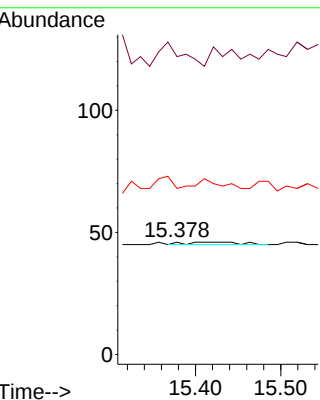
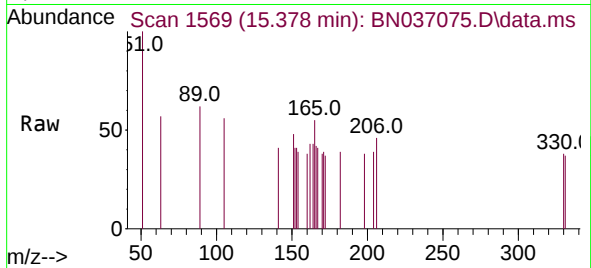




#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.032 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

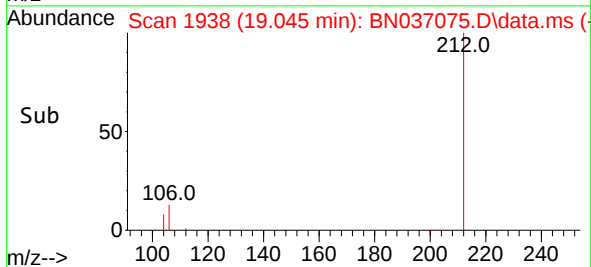
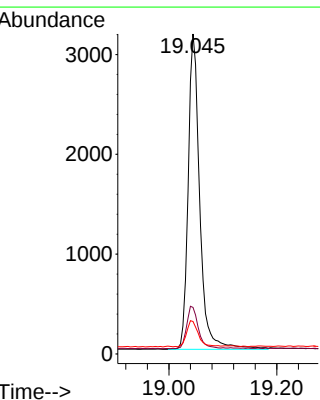
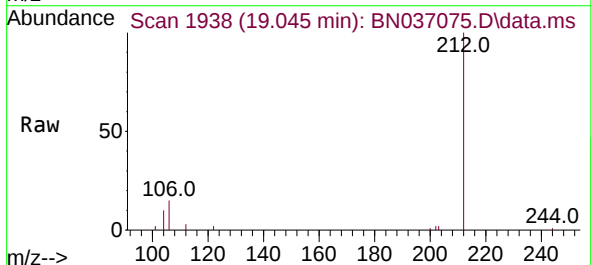
Instrument :
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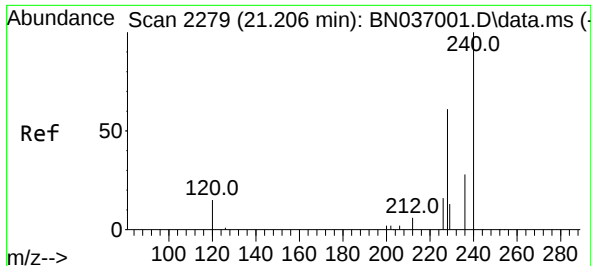
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 265.2 87.8 131.6#
105 147.8 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

Tgt Ion:212 Resp: 4700
Ion Ratio Lower Upper
212 100
106 13.4 11.3 16.9
104 8.3 6.7 10.1

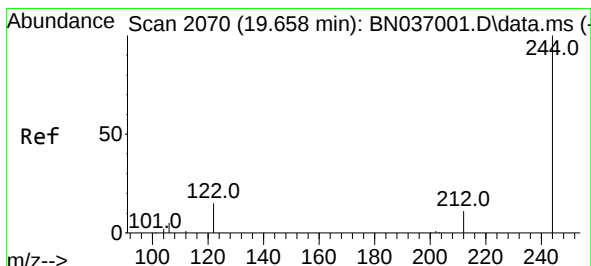
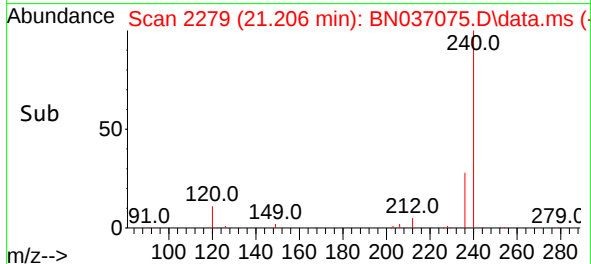
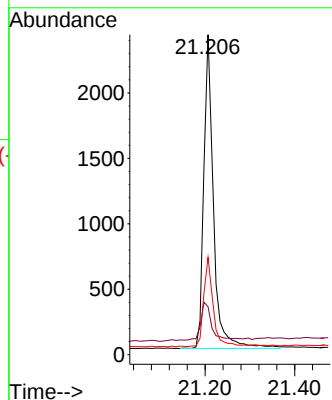
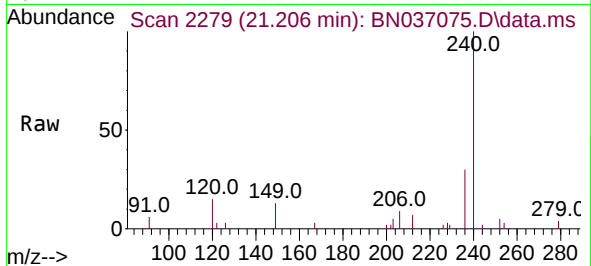




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

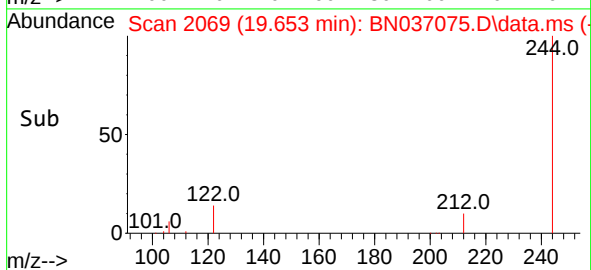
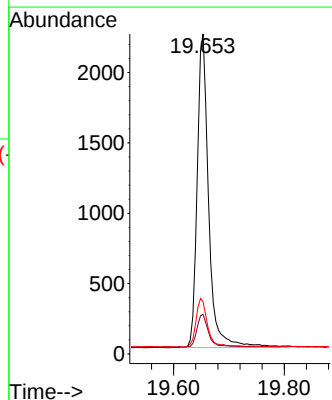
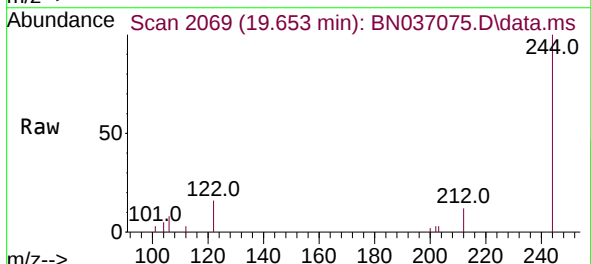
Instrument :
BNA_N
ClientSampleId :
PB168032BL

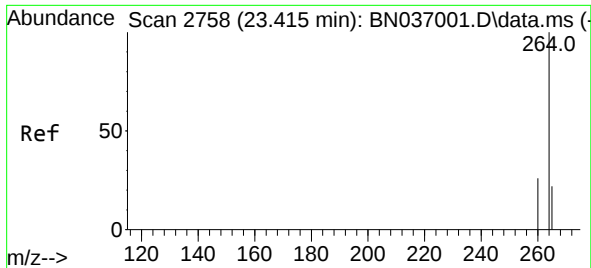
Tgt Ion:240 Resp: 3622
Ion Ratio Lower Upper
240 100
120 15.0 15.1 22.7#
236 30.4 24.0 36.0



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037075.D
Acq: 20 May 2025 15:45

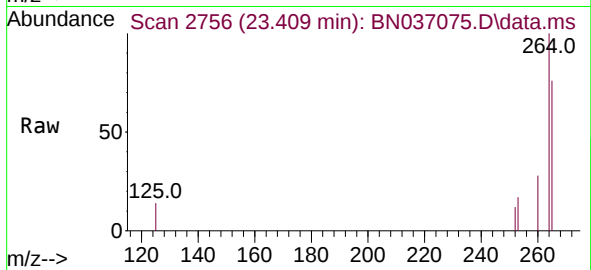
Tgt Ion:244 Resp: 3216
Ion Ratio Lower Upper
244 100
212 12.4 9.7 14.5
122 16.3 13.4 20.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037075.D
 Acq: 20 May 2025 15:45

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL



Tgt Ion:264 Resp: 3128

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.9	32.9
265	75.7	51.6	77.4

