

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
 Data File : BN037026.D
 Acq On : 15 May 2025 10:31
 Operator : RC/JU
 Sample : PB167952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167952BL

Quant Time: May 15 11:25:03 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	7.618	152	2007	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	5198	0.40	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2997	0.40	ng	0.00
19) Phenanthrene-d10	17.009	188	6152	0.40	ng	0.00
29) Chrysene-d12	21.207	240	4881	0.40	ng	# 0.00
35) Perylene-d12	23.407	264	4331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1977	0.38	ng	0.00
5) Phenol-d6	6.795	99	2221	0.34	ng	0.00
8) Nitrobenzene-d5	8.771	82	1890	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	2661	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	279	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4950	0.36	ng	0.00
27) Fluoranthene-d10	19.049	212	6063	0.36	ng	0.00
31) Terphenyl-d14	19.653	244	4251	0.41	ng	0.00

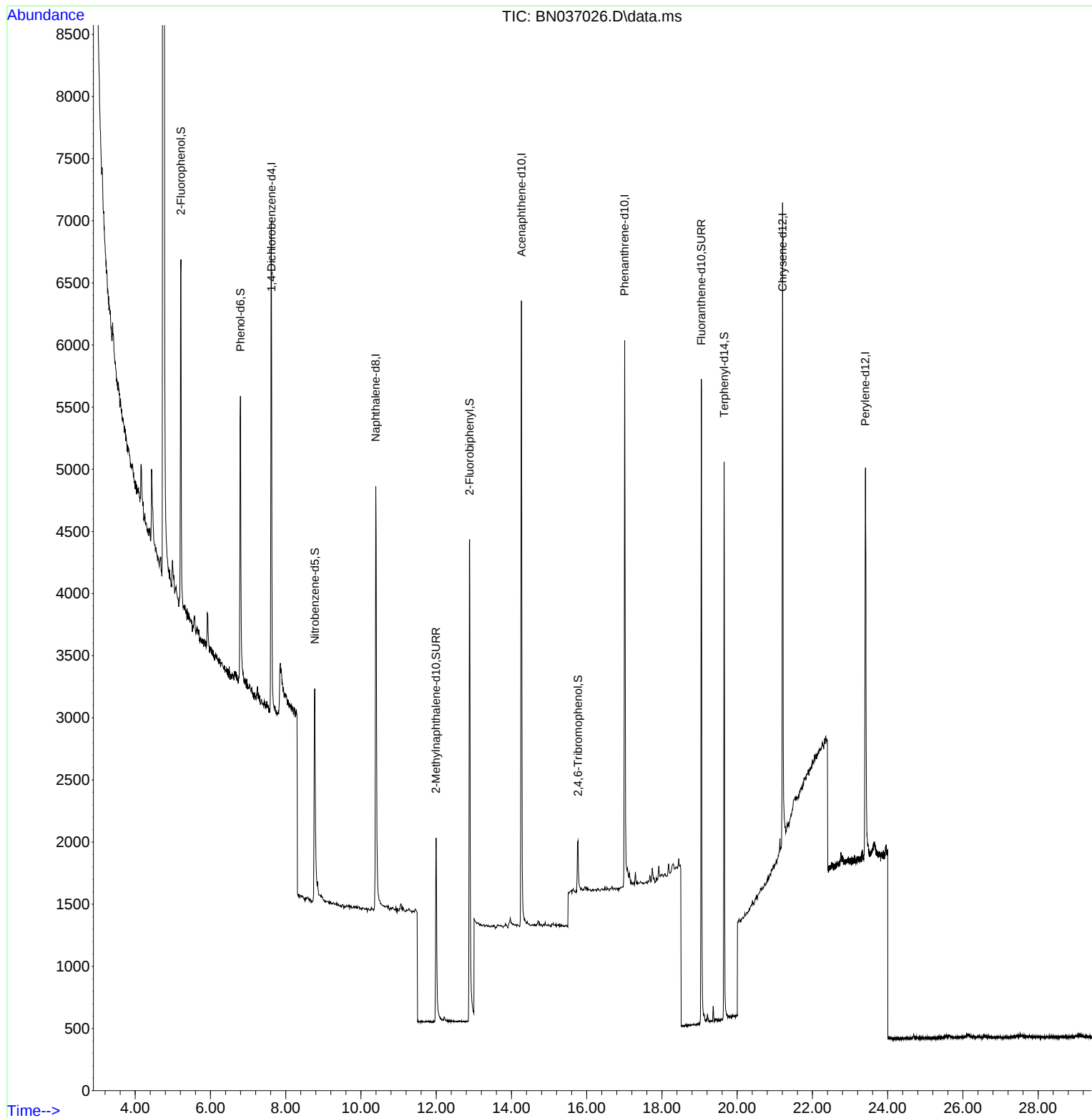
Target Compounds	Qvalue

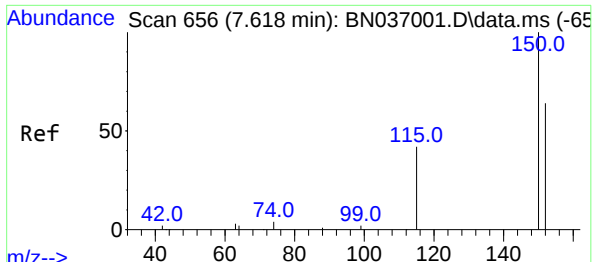
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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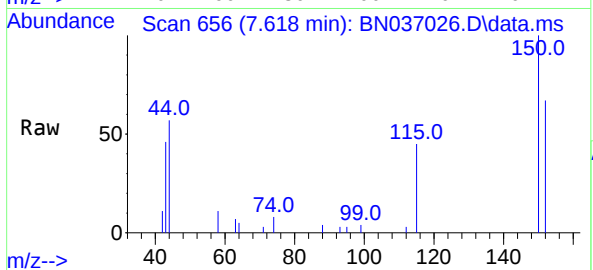
Quant Time: May 15 11:25:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





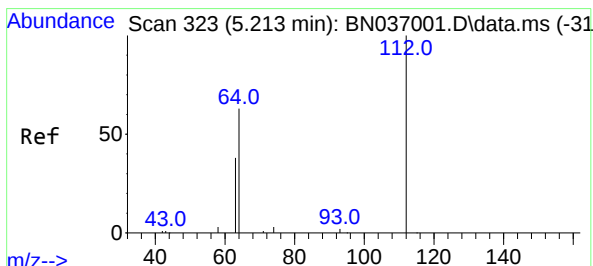
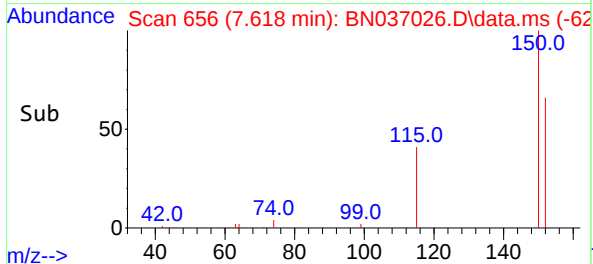
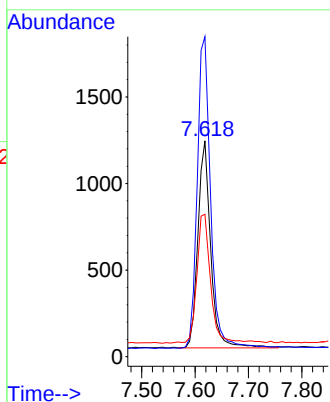
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.618 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
PB167952BL



Tgt Ion:152 Resp: 2007

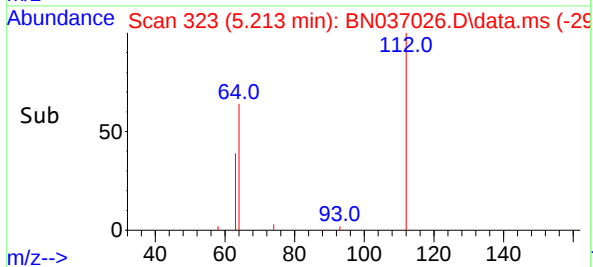
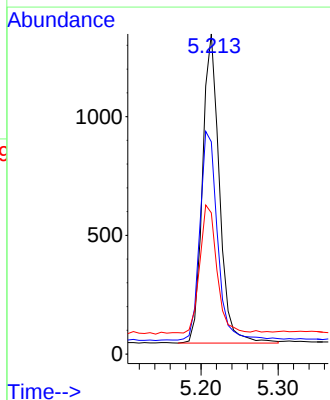
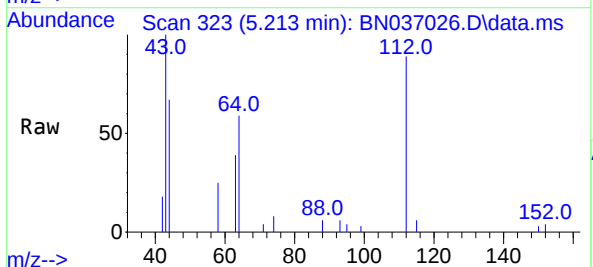
Ion	Ratio	Lower	Upper
152	100		
150	148.2	123.9	185.9
115	66.0	55.8	83.8

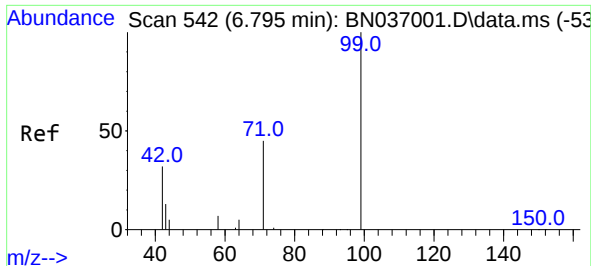


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion:112 Resp: 1977

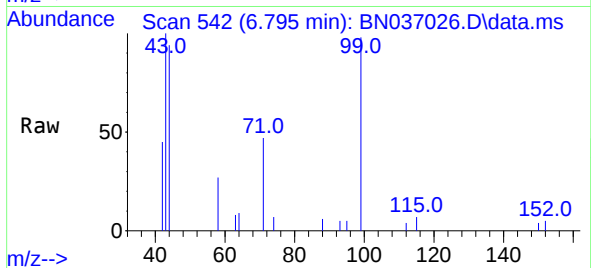
Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.7	83.5
63	43.7	34.6	51.8





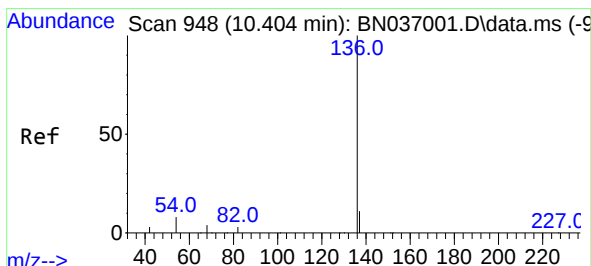
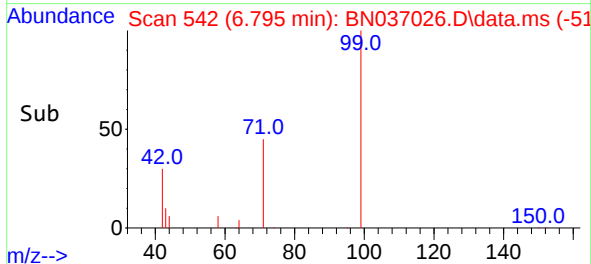
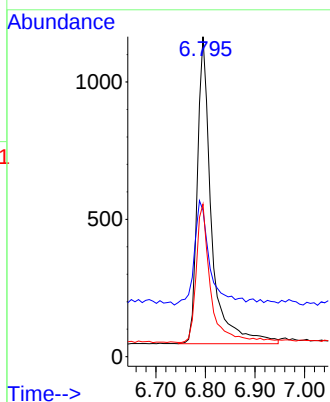
#5
Phenol-d6
Concen: 0.34 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
PB167952BL



Tgt Ion: 99 Resp: 2221

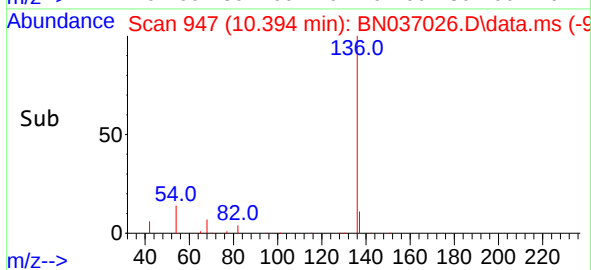
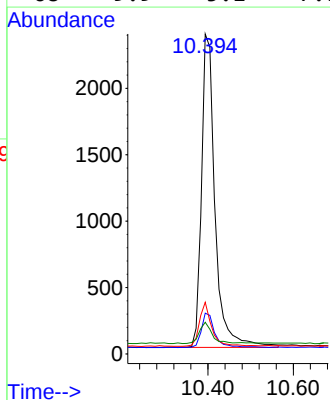
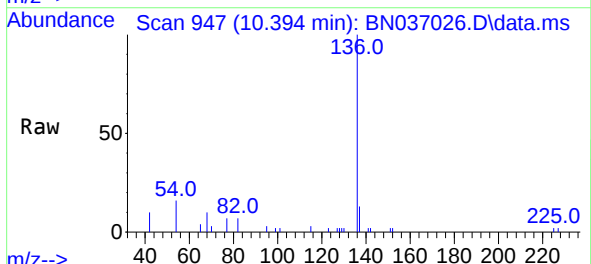
Ion	Ratio	Lower	Upper
99	100		
42	37.1	29.3	43.9
71	44.1	35.7	53.5

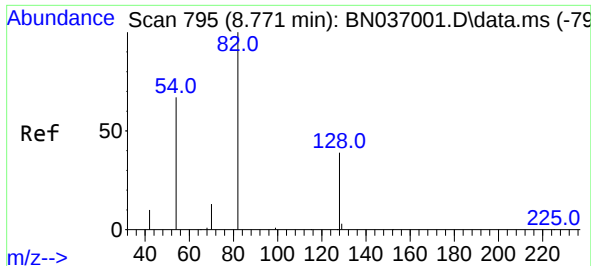


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion: 136 Resp: 5198

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	16.1	8.5	12.7#
68	9.9	5.1	7.7#

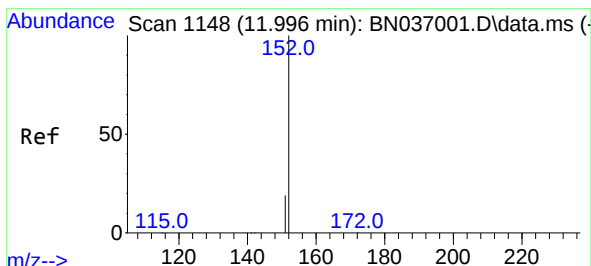
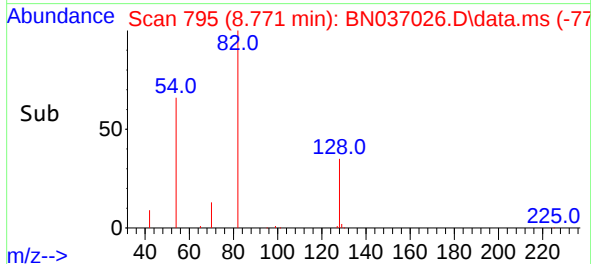
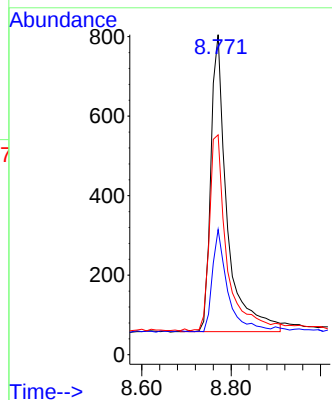
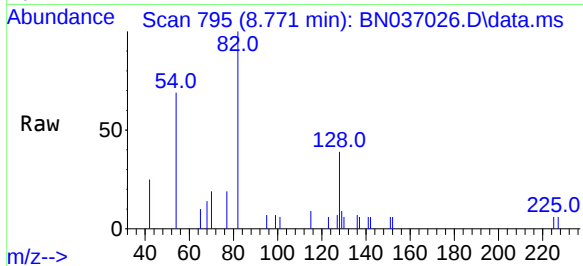




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

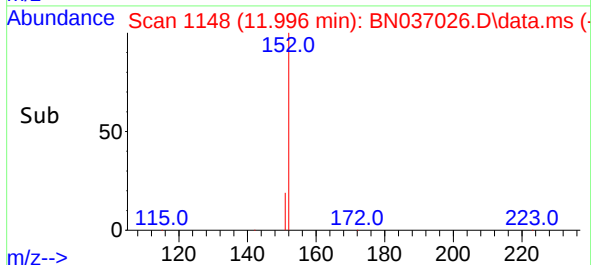
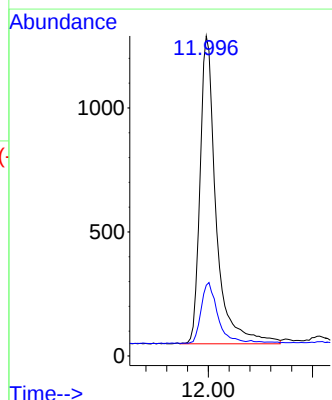
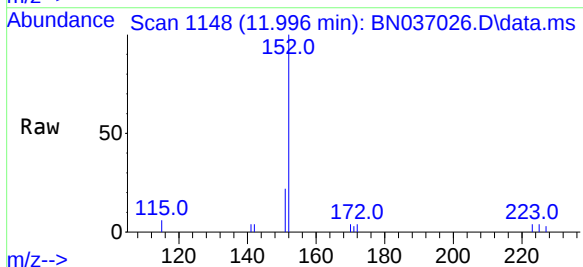
Instrument :
BNA_N
ClientSampleId :
PB167952BL

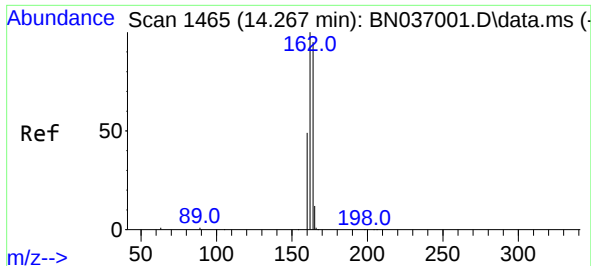
Tgt Ion: 82 Resp: 1890
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 68.7 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 11.996 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

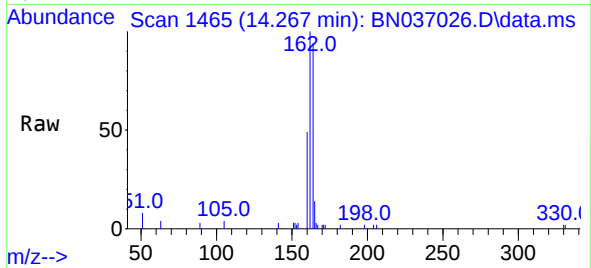
Tgt Ion: 152 Resp: 2661
Ion Ratio Lower Upper
152 100
151 20.1 17.5 26.3



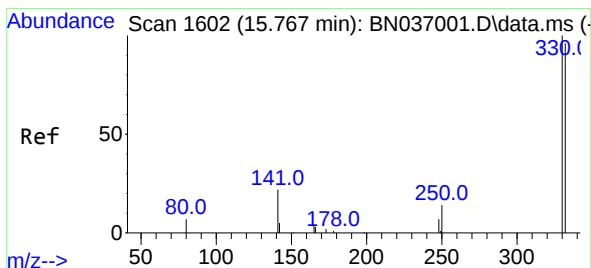
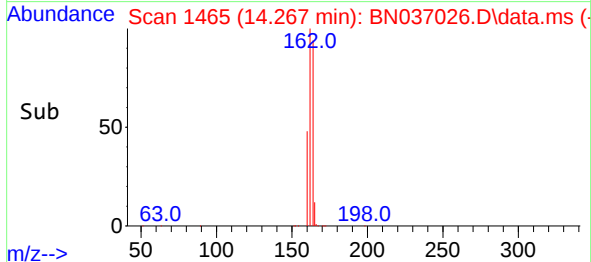
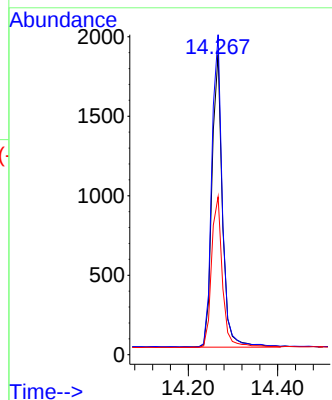


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
PB167952BL

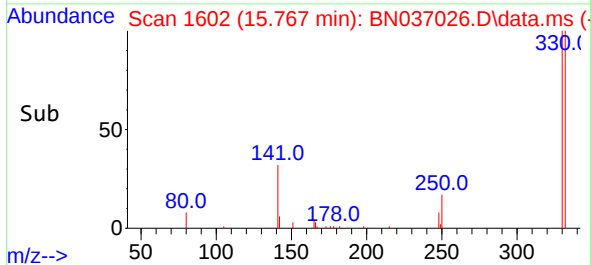
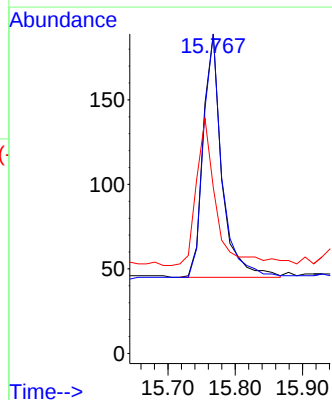
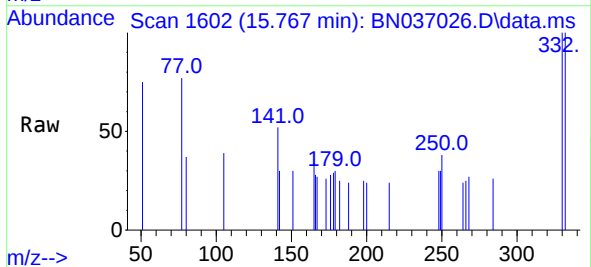


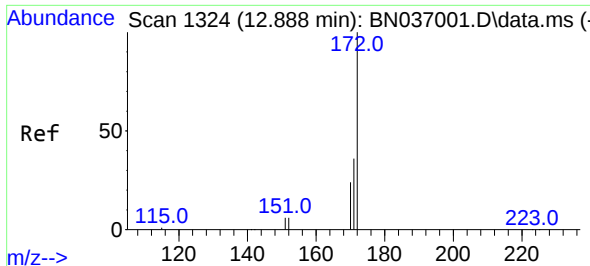
Tgt Ion:164 Resp: 2997
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.4
160 52.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

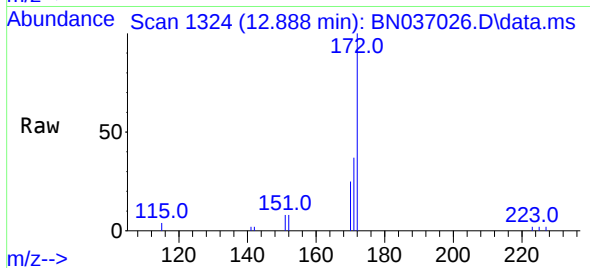
Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 99.6 73.8 110.8
141 64.9 43.9 65.9



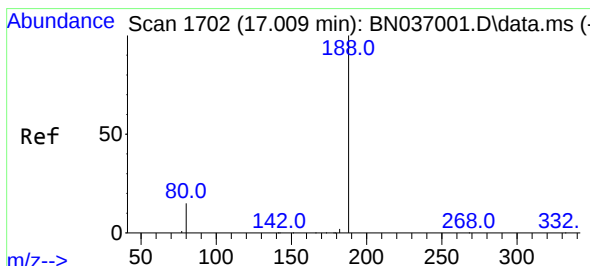
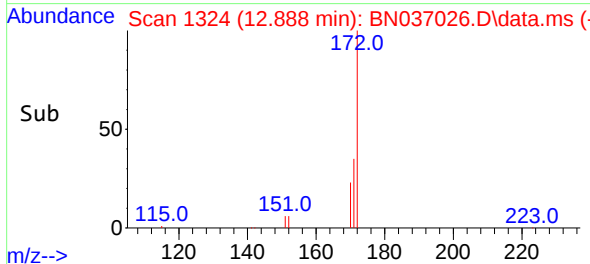
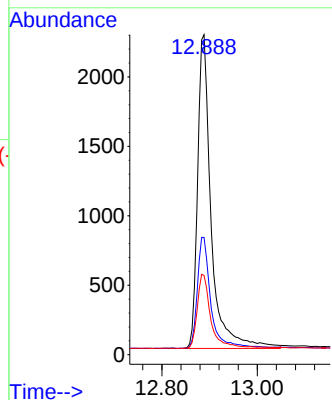


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
PB167952BL

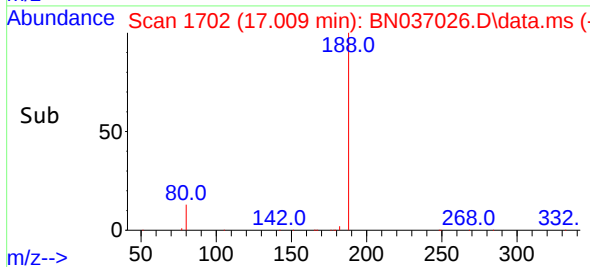
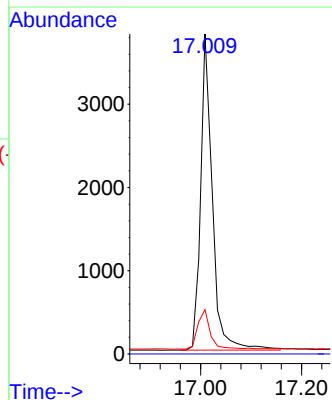
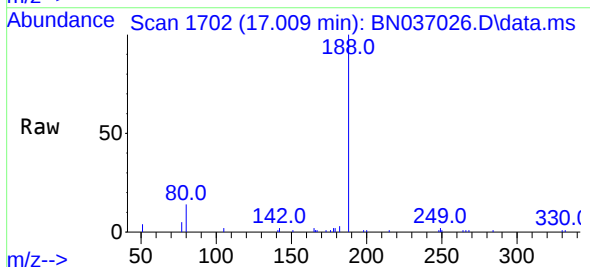


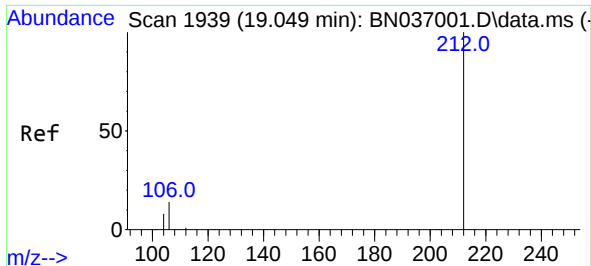
Tgt Ion:172 Resp: 4950
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.7 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion:188 Resp: 6152
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 13.4 20.0

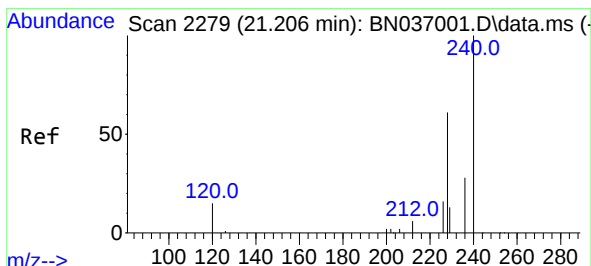
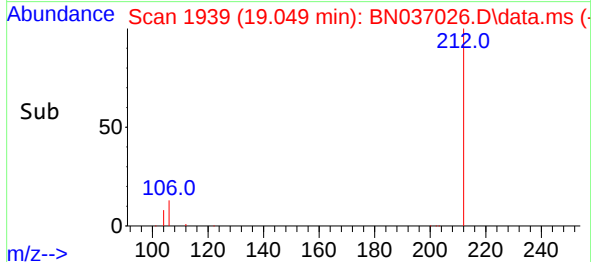
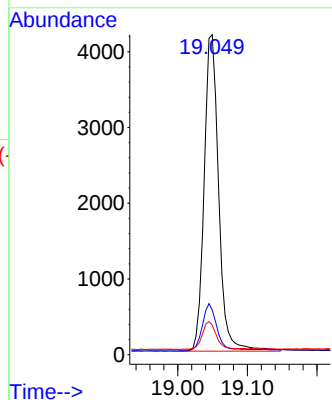
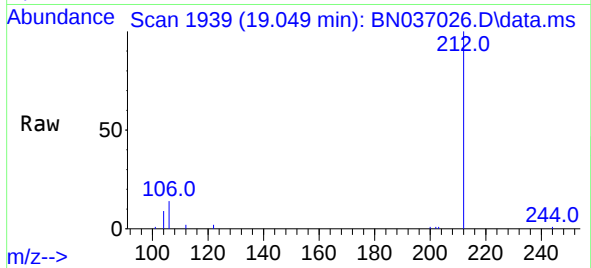




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.049 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

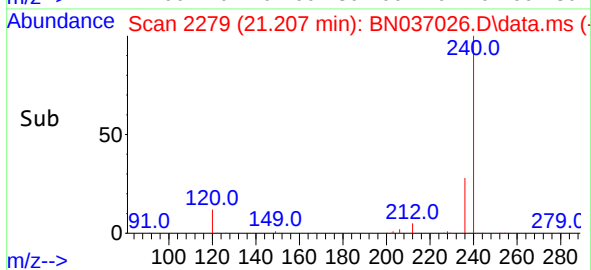
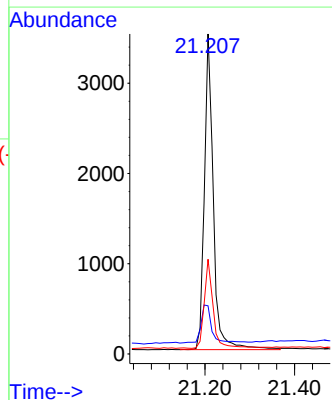
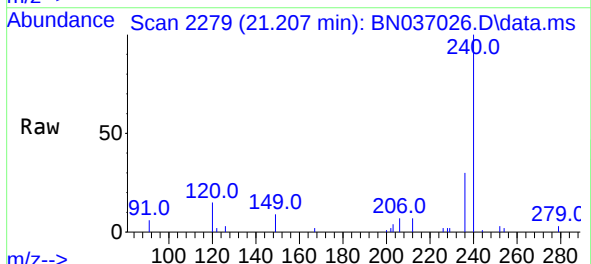
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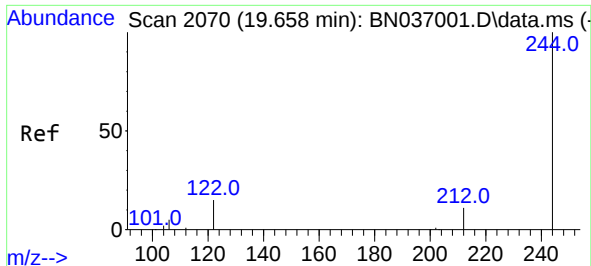
Tgt Ion:212 Resp: 6063
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

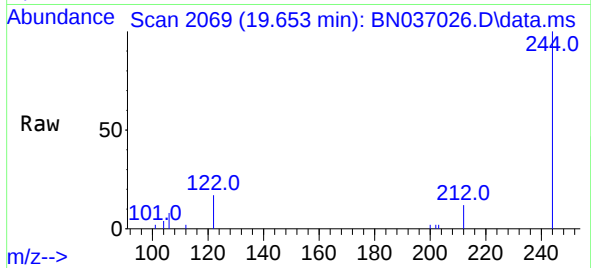
Tgt Ion:240 Resp: 4881
Ion Ratio Lower Upper
240 100
120 15.1 15.1 22.7#
236 29.6 24.0 36.0



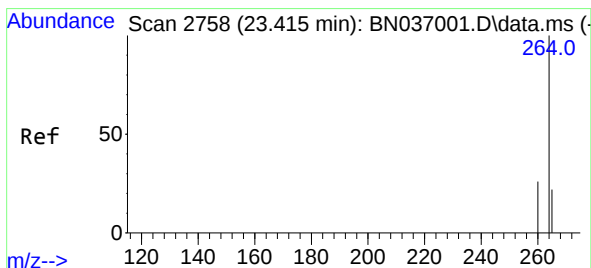
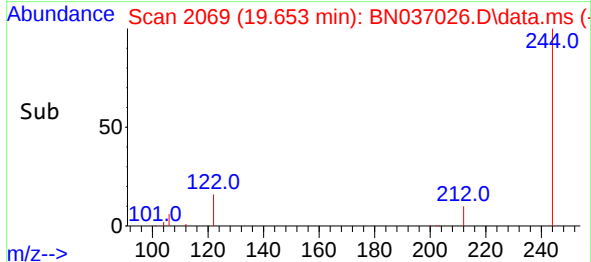
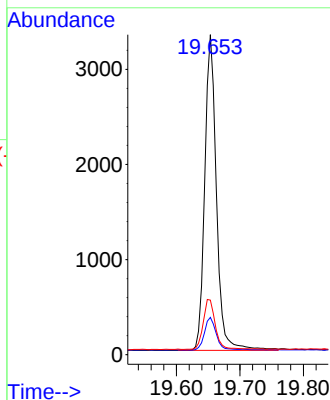


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.653 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :
PB167952BL



Tgt Ion:244 Resp: 4251
Ion Ratio Lower Upper
244 100
212 11.6 9.7 14.5
122 17.1 13.4 20.0



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.407 min Scan# 2755
Delta R.T. -0.009 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion:264 Resp: 4331
Ion Ratio Lower Upper
264 100
260 27.2 21.9 32.9
265 66.9 51.6 77.4

