

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037007.D
 Acq On : 13 May 2025 23:42
 Operator : RC/JU
 Sample : PB167888BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Quant Time: May 14 11:30:57 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	1705	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4302	0.400	ng	# 0.00
13) Acenaphthene-d10	14.267	164	2412	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4845	0.400	ng	# 0.01
29) Chrysene-d12	21.206	240	4043	0.400	ng	0.00
35) Perylene-d12	23.415	264	3844	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1670	0.374	ng	0.00
5) Phenol-d6	6.802	99	1809	0.324	ng	0.00
8) Nitrobenzene-d5	8.771	82	1598	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	12.001	152	2152	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	249	0.235	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	3926	0.355	ng	0.00
27) Fluoranthene-d10	19.054	212	4931	0.371	ng	0.00
31) Terphenyl-d14	19.658	244	3449	0.399	ng	0.00

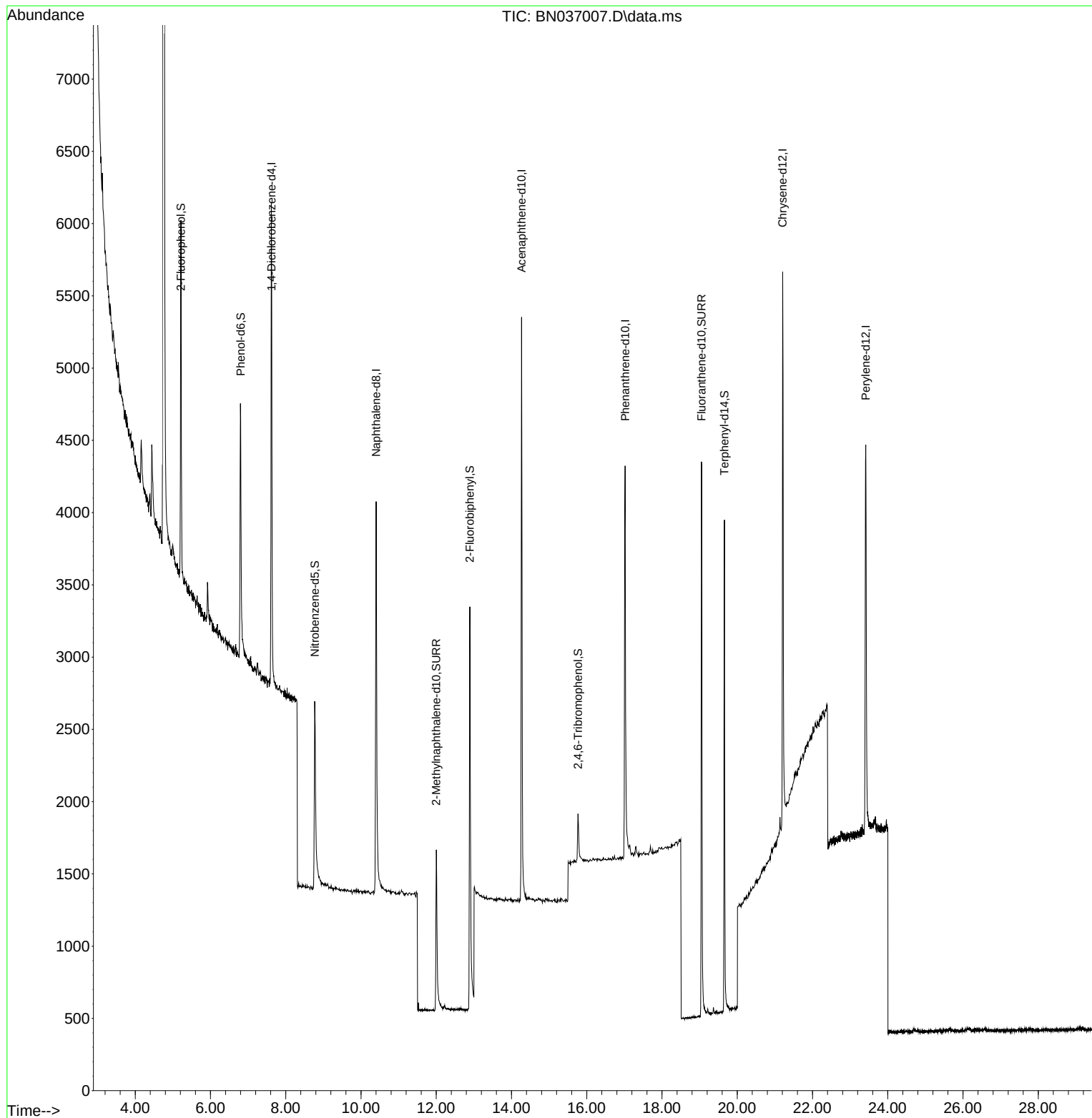
Target Compounds Qvalue

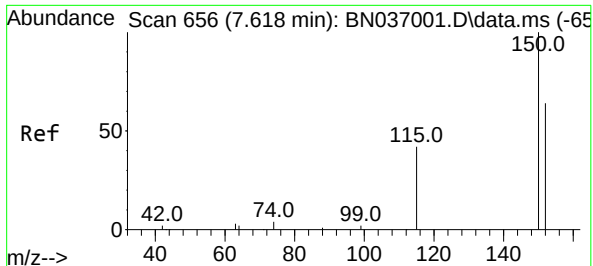
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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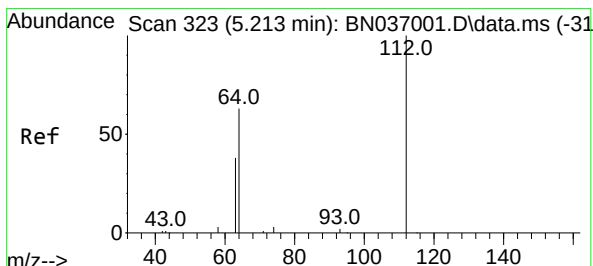
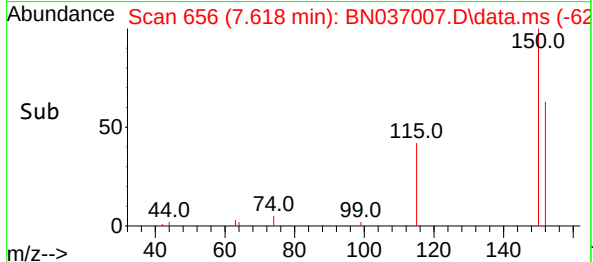
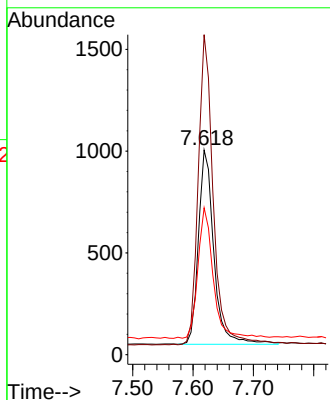
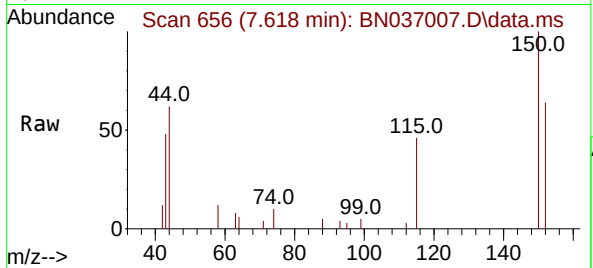




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 656
 Delta R.T. 0.000 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

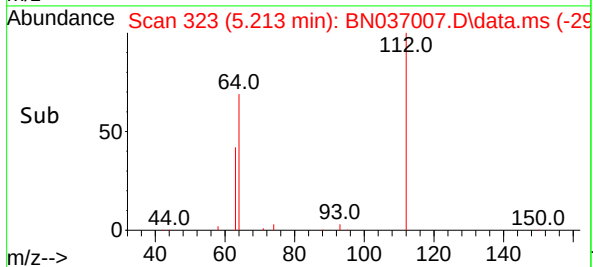
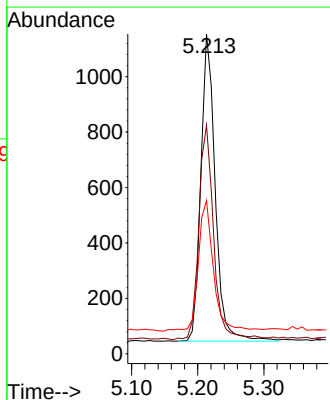
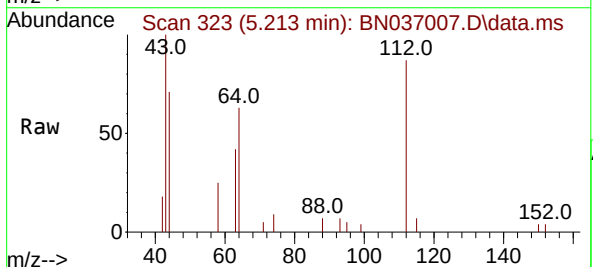
Instrument :
 BNA_N
 ClientSampleId :
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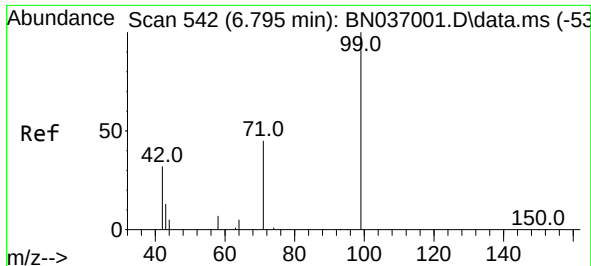
Tgt Ion:152 Resp: 1705
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.9 185.9
 115 71.8 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.213 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

Tgt Ion:112 Resp: 1670
 Ion Ratio Lower Upper
 112 100
 64 72.5 55.7 83.5
 63 45.3 34.6 51.8

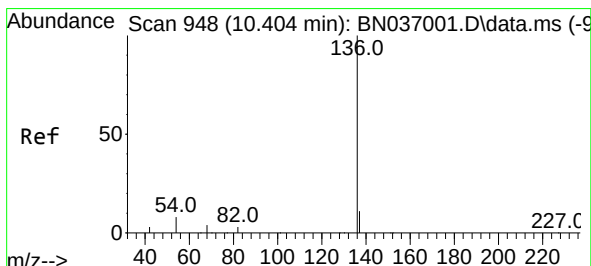
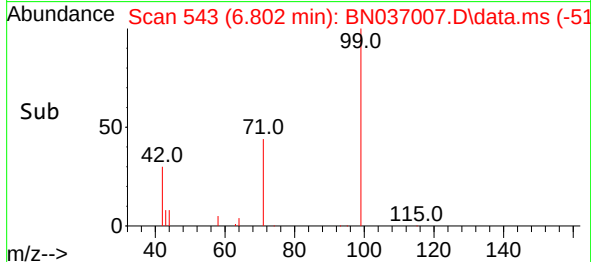
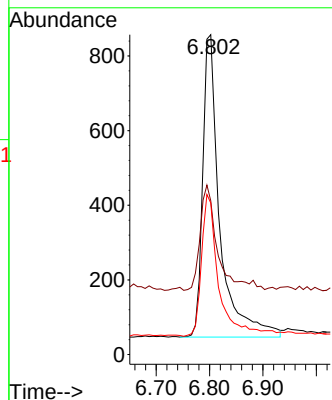
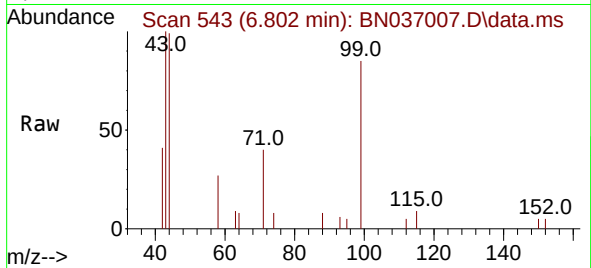




#5
Phenol-d6
Concen: 0.324 ng
RT: 6.802 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

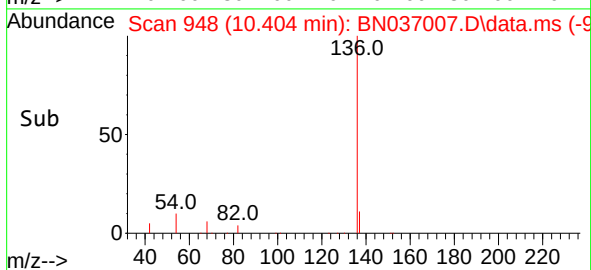
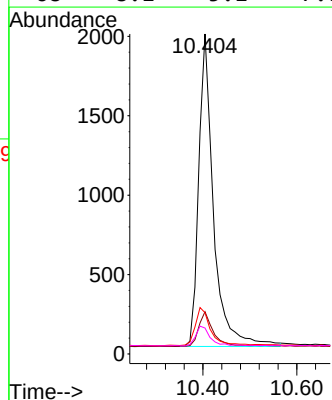
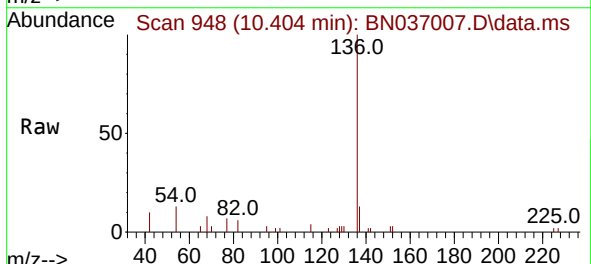
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ClientSampleId :
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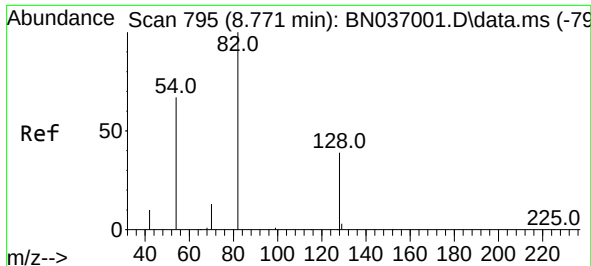
Tgt Ion:	99	Resp:	1809
Ion	Ratio	Lower	Upper
99	100		
42	35.4	29.3	43.9
71	47.8	35.7	53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

Tgt Ion:	136	Resp:	4302
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.4	15.6
54	12.9	8.5	12.7#
68	8.1	5.1	7.7#





#8
 Nitrobenzene-d5
 Concen: 0.341 ng
 RT: 8.771 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

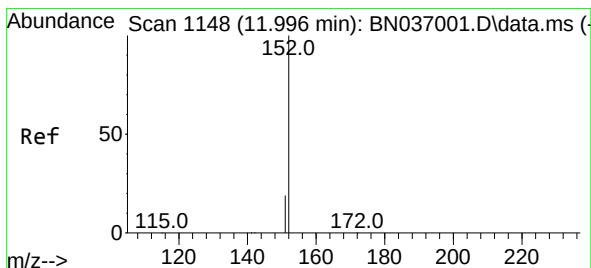
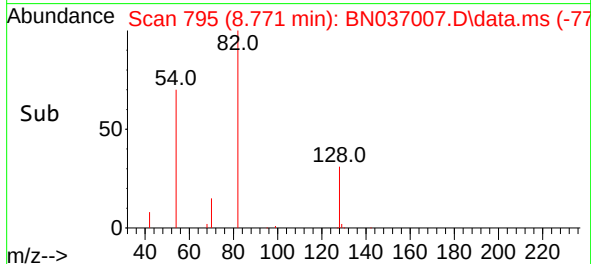
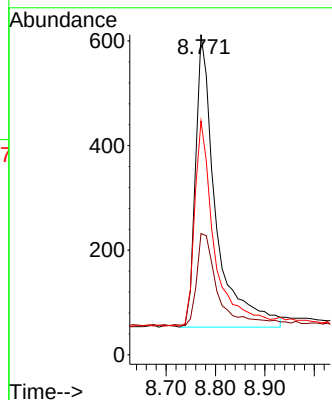
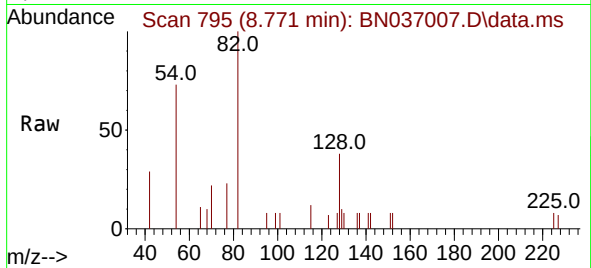
Instrument :

BNA_N

ClientSampleId :

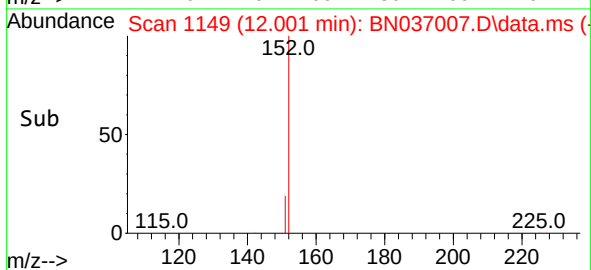
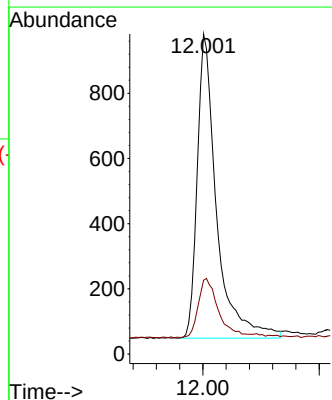
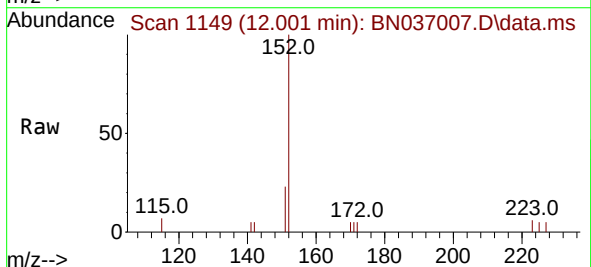
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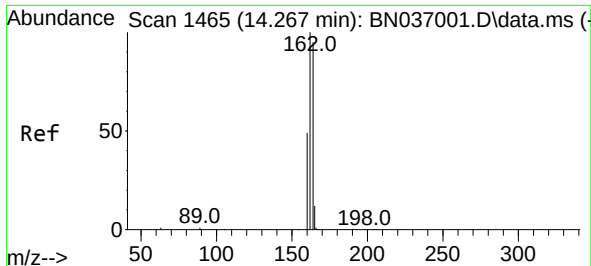
Tgt Ion: 82 Resp: 1598
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 73.0 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.001 min Scan# 1149
 Delta R.T. 0.005 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

Tgt Ion: 152 Resp: 2152
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.5 26.3

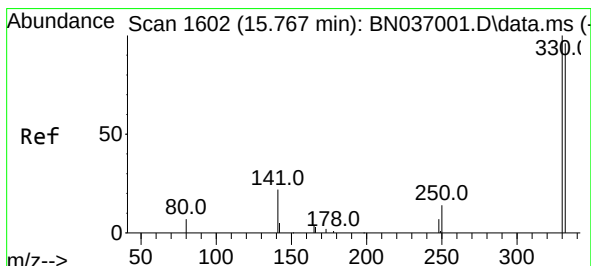
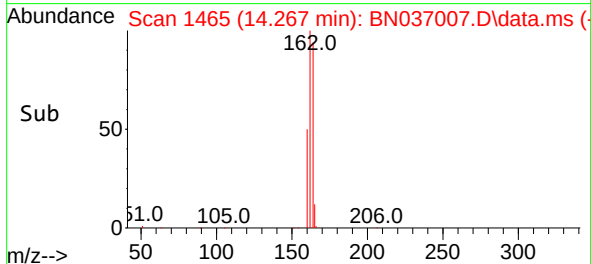
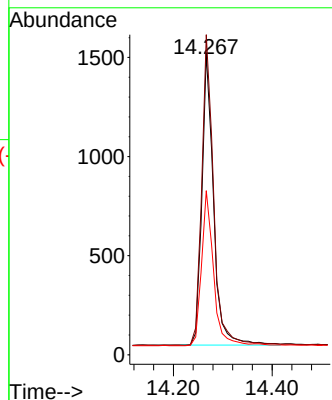
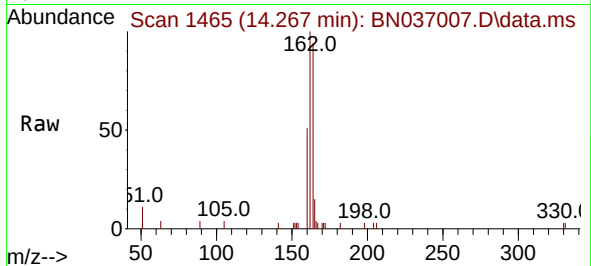




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

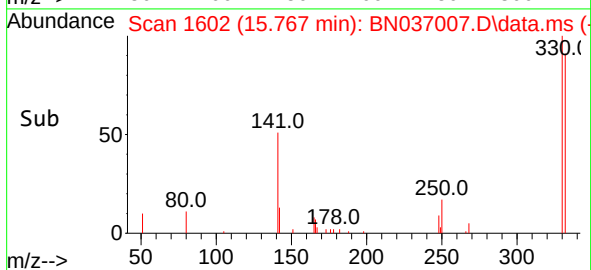
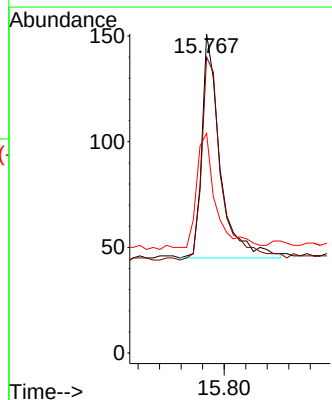
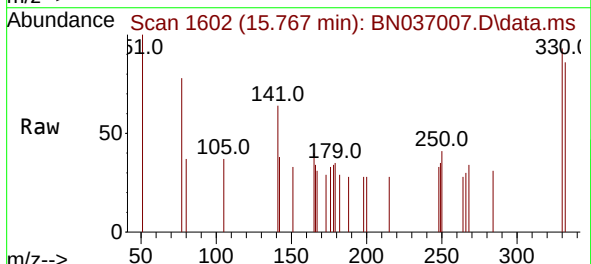
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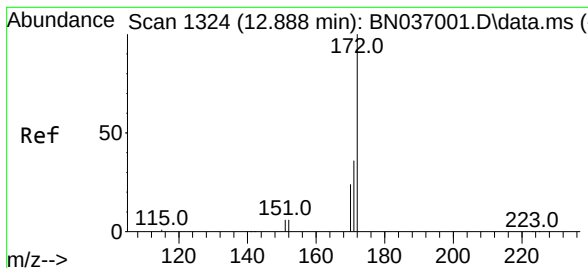
Tgt Ion:164 Resp: 2412
Ion Ratio Lower Upper
164 100
162 106.5 84.2 126.4
160 54.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 99.6 73.8 110.8
141 54.2 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.894 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN037007.D

Acq: 13 May 2025 23:42

Instrument :

BNA_N

ClientSampleId :

PB167888BL

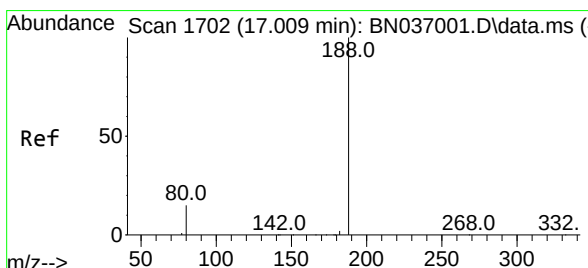
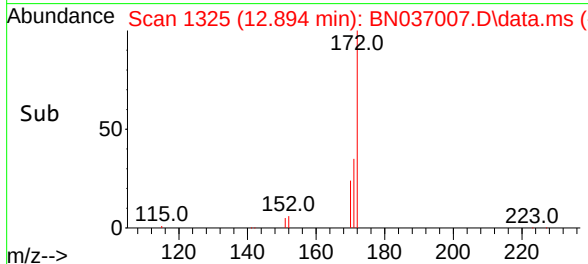
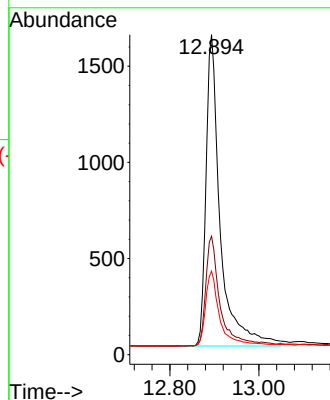
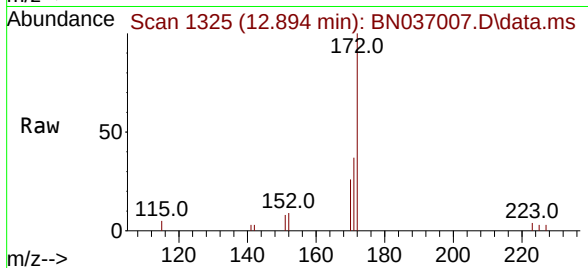
Tgt Ion:172 Resp: 3926

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

170 26.1 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.021 min Scan# 1703

Delta R.T. 0.012 min

Lab File: BN037007.D

Acq: 13 May 2025 23:42

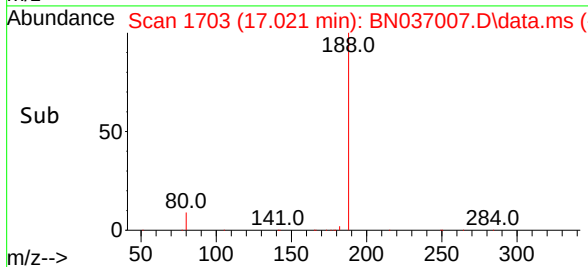
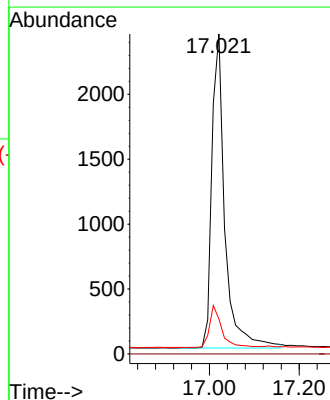
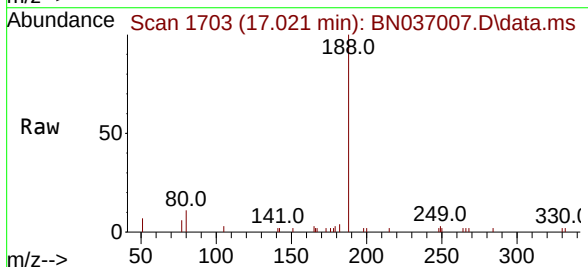
Tgt Ion:188 Resp: 4845

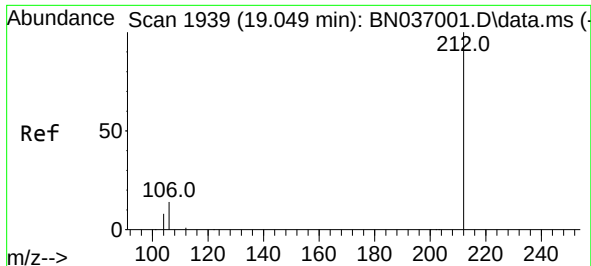
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 13.4 20.0#

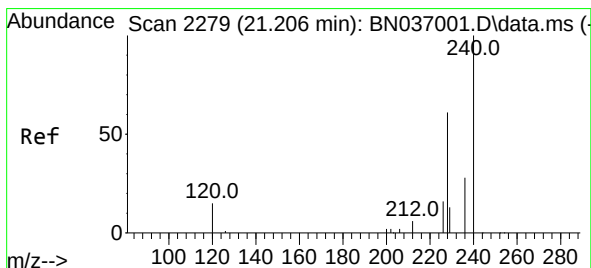
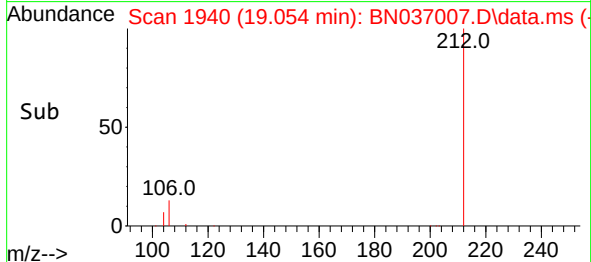
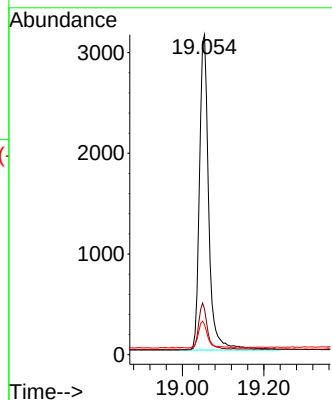
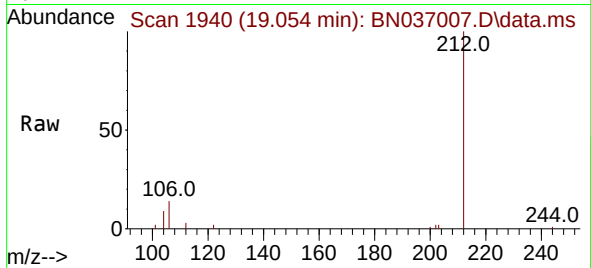




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.054 min Scan# 1940
Delta R.T. 0.005 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

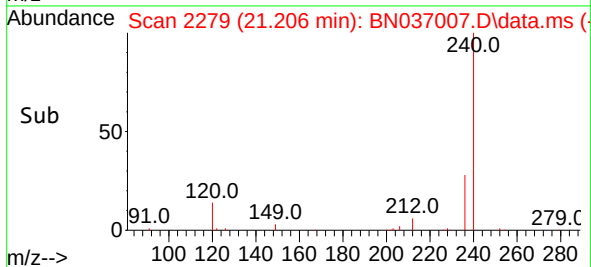
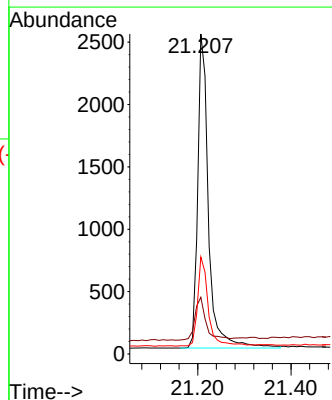
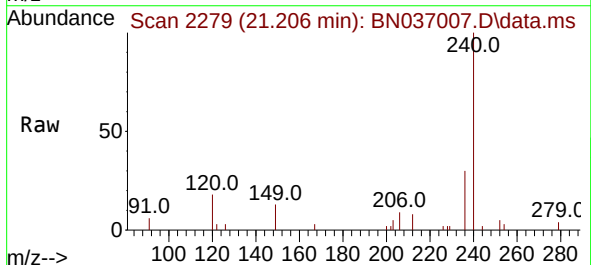
Instrument :
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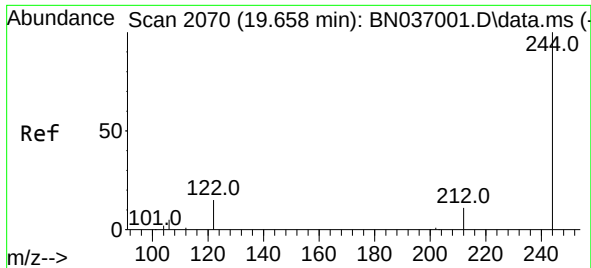
Tgt Ion:212 Resp: 4931
Ion Ratio Lower Upper
212 100
106 13.8 11.3 16.9
104 8.4 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037007.D
Acq: 13 May 2025 23:42

Tgt Ion:240 Resp: 4043
Ion Ratio Lower Upper
240 100
120 17.7 15.1 22.7
236 30.3 24.0 36.0

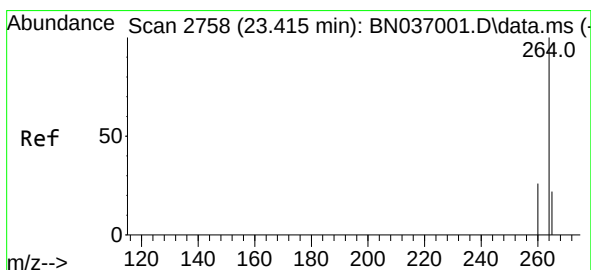
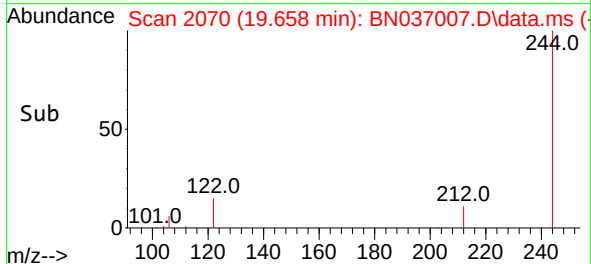
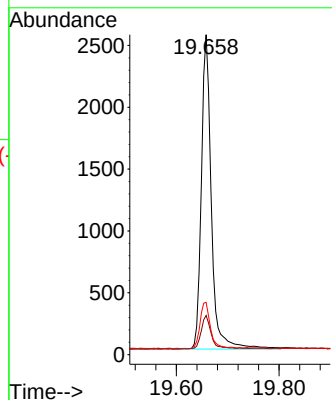
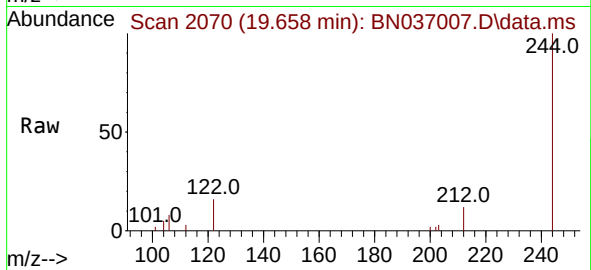




#31
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.658 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Tgt Ion:244 Resp: 3449
 Ion Ratio Lower Upper
 244 100
 212 12.3 9.7 14.5
 122 16.4 13.4 20.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.415 min Scan# 2758
 Delta R.T. 0.000 min
 Lab File: BN037007.D
 Acq: 13 May 2025 23:42

Tgt Ion:264 Resp: 3844
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.9 32.9
 265 71.2 51.6 77.4

