

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038412.D
 Acq On : 15 Dec 2025 19:33
 Operator : RC/JU
 Sample : Q3839-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS4

Quant Time: Dec 15 23:57:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

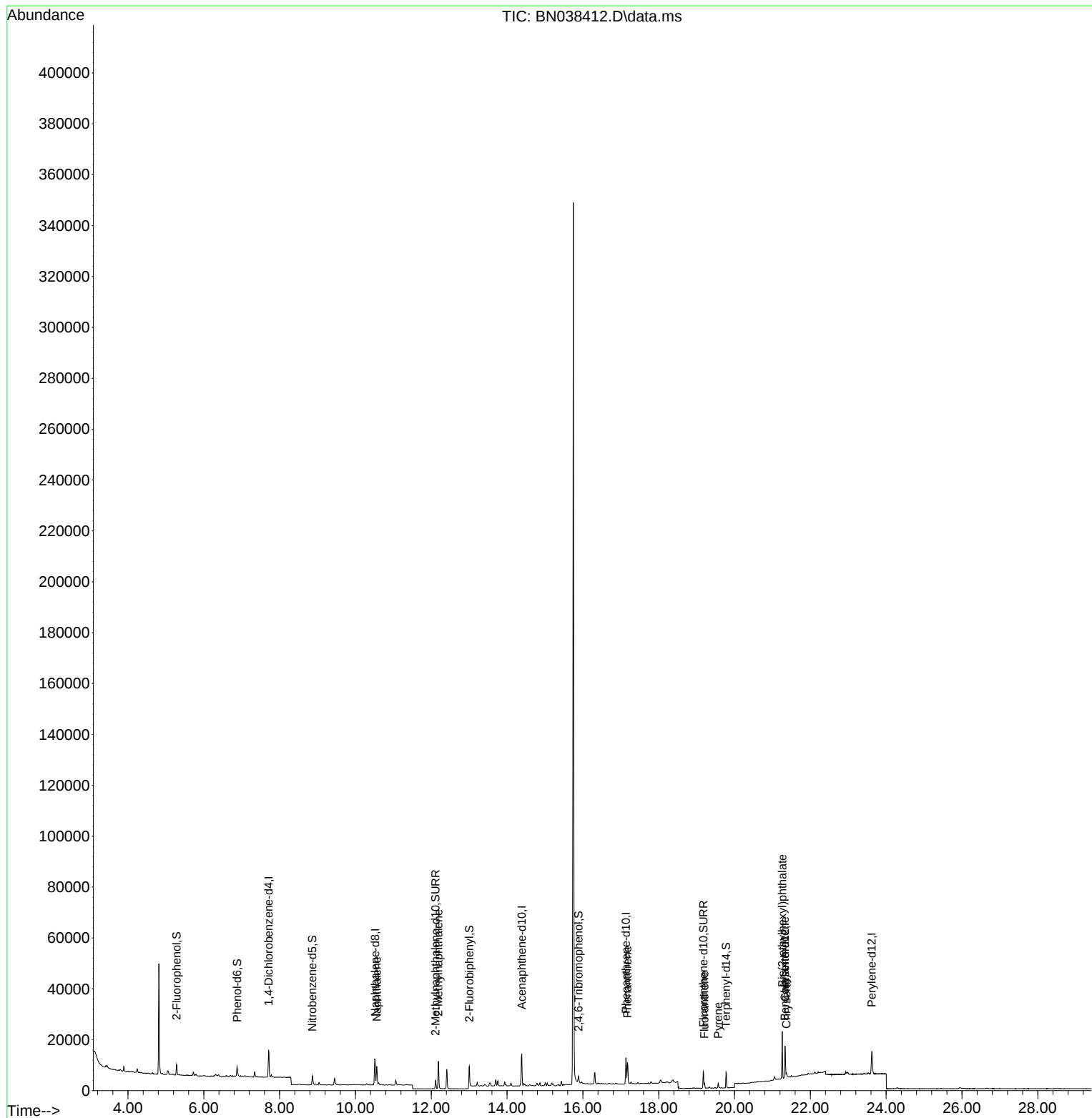
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5315	0.400	ng	-0.01
7) Naphthalene-d8	10.519	136	14449	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	7410	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13204	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11669	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	12359	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3232	0.244	ng	0.00
5) Phenol-d6	6.879	99	3697	0.235	ng	0.00
8) Nitrobenzene-d5	8.865	82	3159	0.259	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4529	0.222	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	762	0.232	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	10344	0.290	ng	0.00
27) Fluoranthene-d10	19.178	212	7294	0.223	ng	0.00
31) Terphenyl-d14	19.777	244	5891	0.226	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.562	128	9437	0.221	ng	98
12) 2-Methylnaphthalene	12.187	142	8073	0.298	ng	99
25) Phenanthrene	17.173	178	9794	0.213	ng	99
28) Fluoranthene	19.206	202	1624	0.033	ng	# 91
30) Pyrene	19.568	202	1774	0.031	ng	97
32) Benzo(a)anthracene	21.322	228	983	0.022	ng	# 78
33) Chrysene	21.366	228	1736	0.035	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.259	149	15143	0.612	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038412.D
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Sample : Q3839-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS4

Quant Time: Dec 15 23:57:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

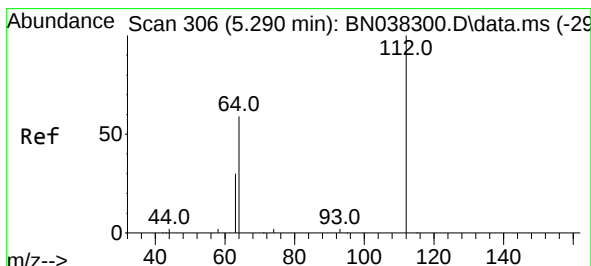
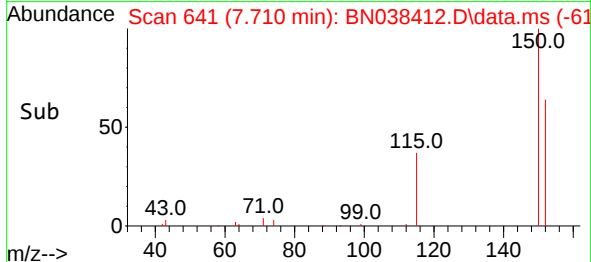
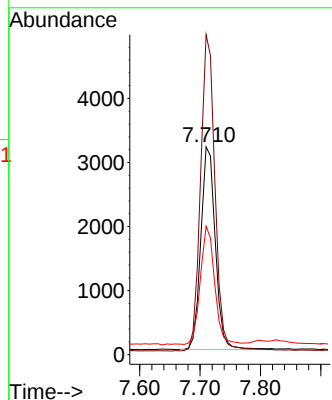
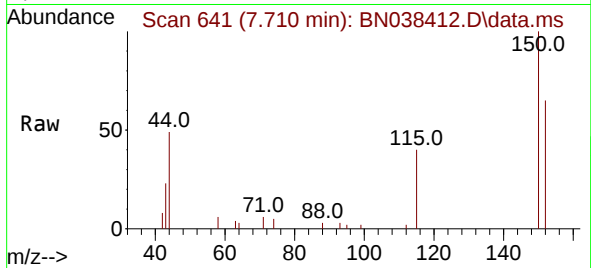




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 641
 Delta R.T. -0.014 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

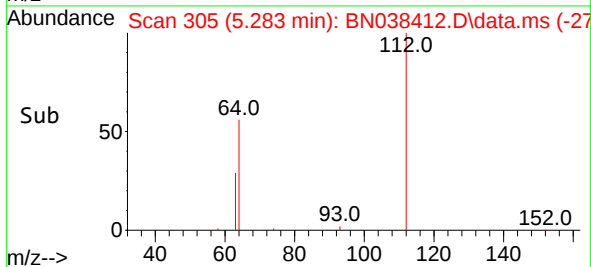
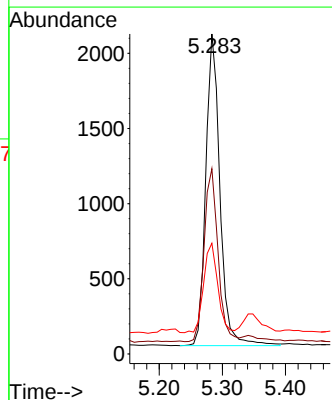
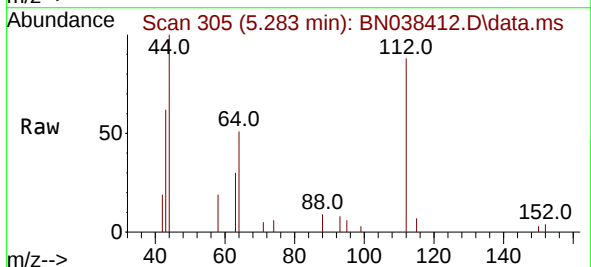
Instrument :
 BNA_N
 ClientSampleId :
 C0AS4

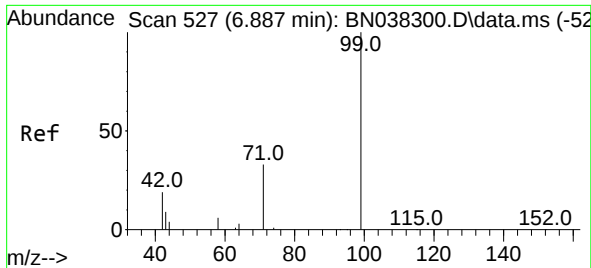
Tgt Ion:152 Resp: 5315
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.4 183.6
 115 61.7 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.244 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

Tgt Ion:112 Resp: 3232
 Ion Ratio Lower Upper
 112 100
 64 54.5 44.4 66.6
 63 28.7 23.4 35.0

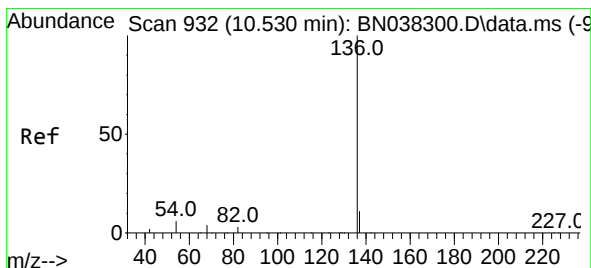
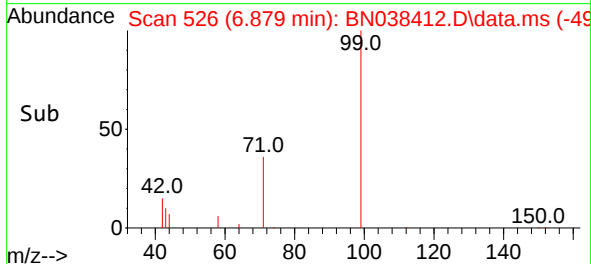
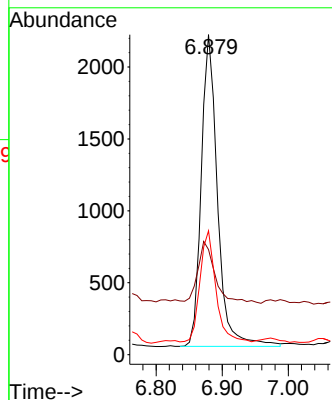
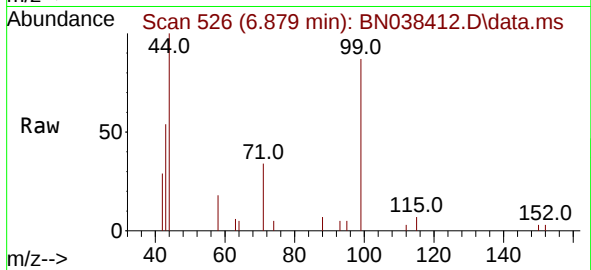




#5
Phenol-d6
Concen: 0.235 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

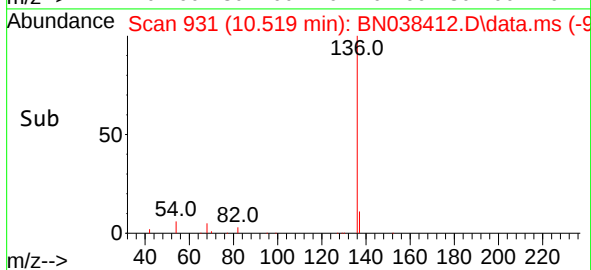
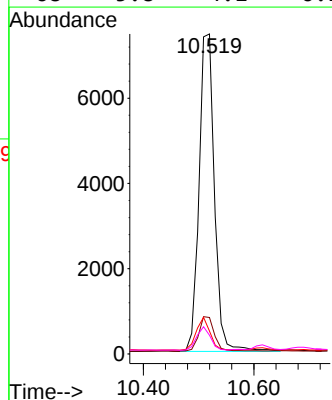
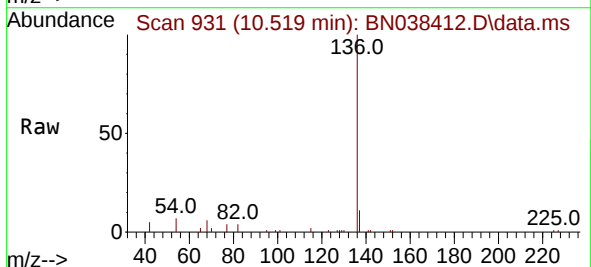
Instrument :
BNA_N
ClientSampleId :
C0AS4

Tgt Ion:	99	Resp:	3697
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.5	24.7
71	35.4	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:	136	Resp:	14449
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.2	7.8
68	5.8	4.1	6.1

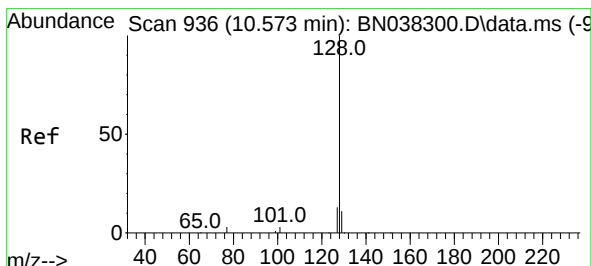
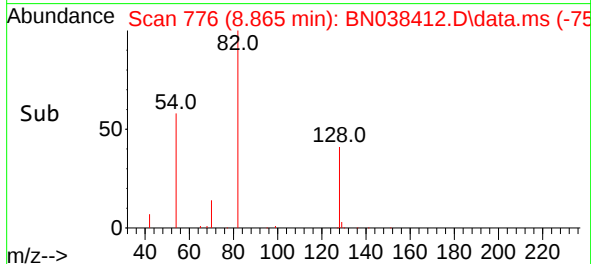
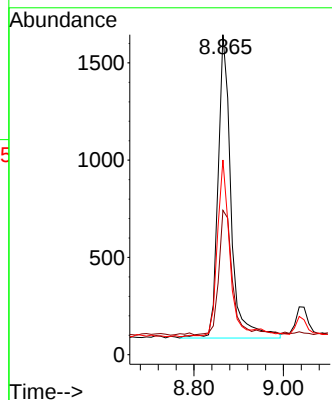
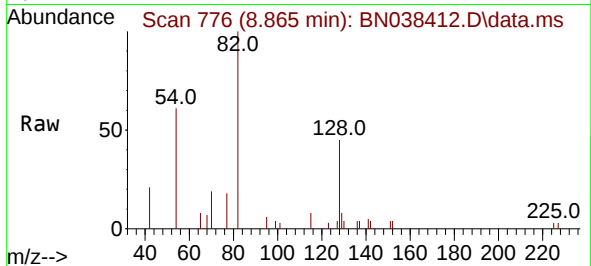




#8
 Nitrobenzene-d5
 Concen: 0.259 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

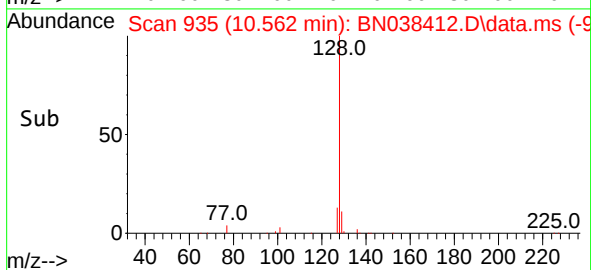
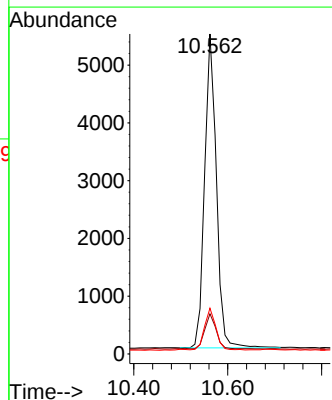
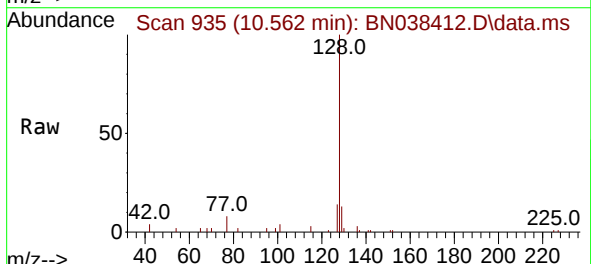
Instrument :
 BNA_N
 ClientSampleId :
 C0AS4

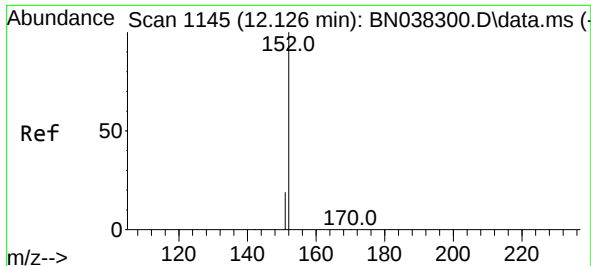
Tgt Ion:	82	Resp:	3159
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	60.9	44.4	66.6



#9
 Naphthalene
 Concen: 0.221 ng
 RT: 10.562 min Scan# 935
 Delta R.T. -0.011 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

Tgt Ion:	128	Resp:	9437
Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.3	10.9	16.3

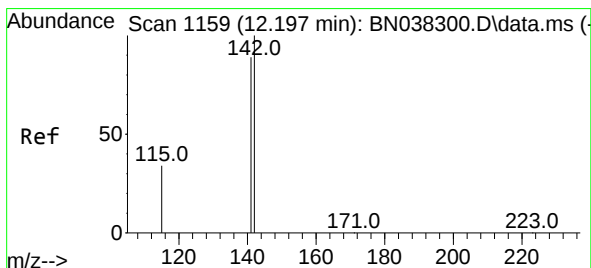
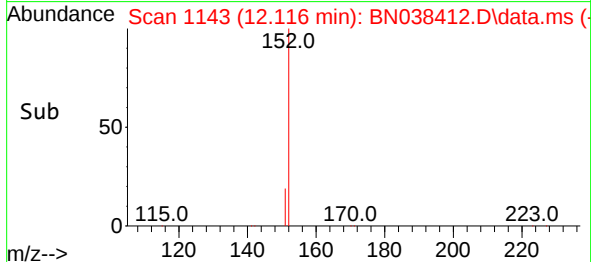
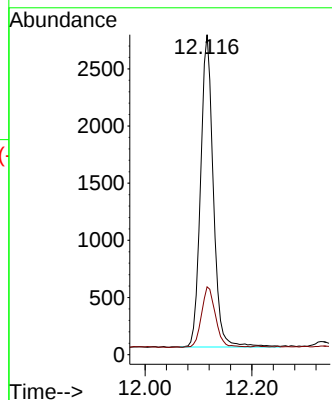
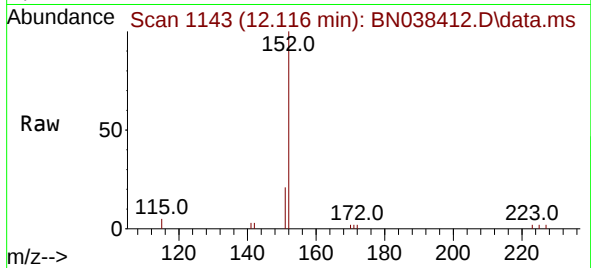




#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

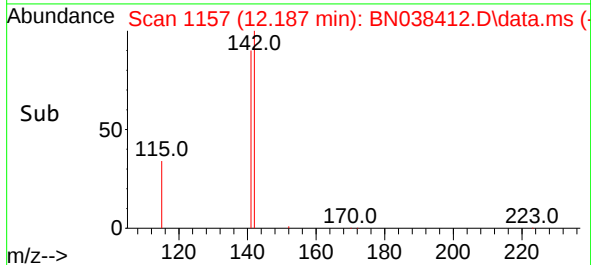
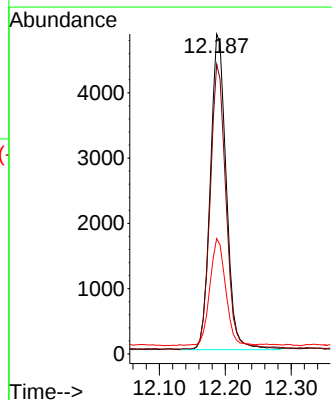
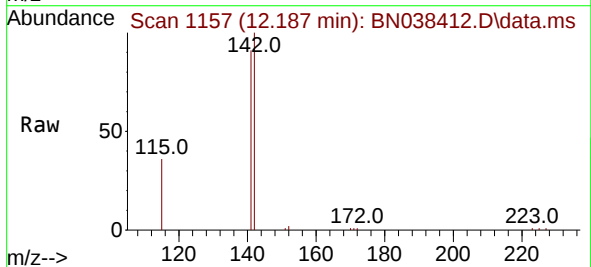
Instrument :
BNA_N
ClientSampleId :
C0AS4

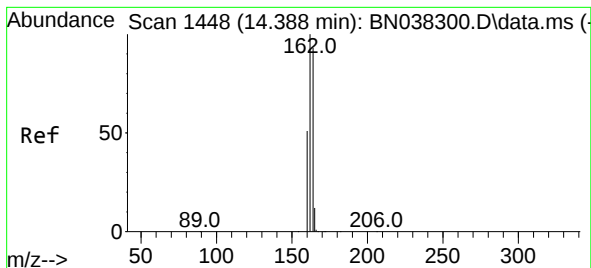
Tgt Ion:152 Resp: 4529
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.187 min Scan# 1157
Delta R.T. -0.015 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:142 Resp: 8073
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2
115 36.1 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038412.D

Acq: 15 Dec 2025 19:33

Instrument :

BNA_N

ClientSampleId :

C0AS4

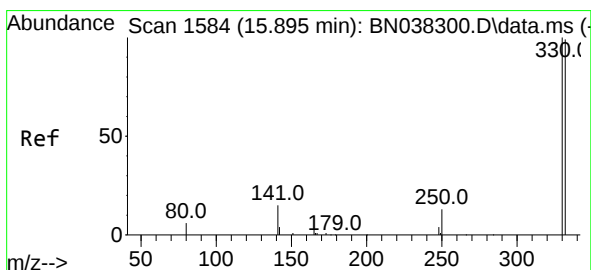
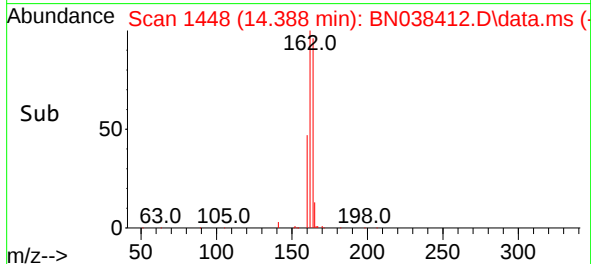
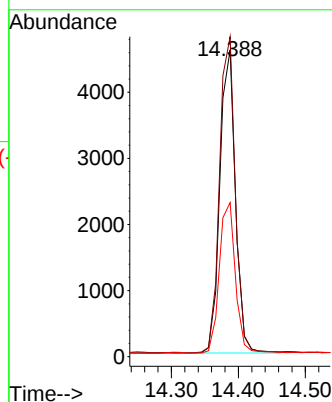
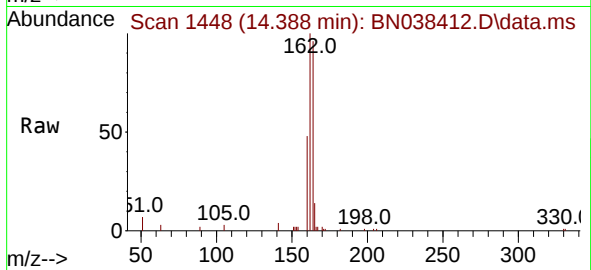
Tgt Ion:164 Resp: 7410

Ion Ratio Lower Upper

164 100

162 104.3 86.2 129.4

160 50.2 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.232 ng

RT: 15.882 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BN038412.D

Acq: 15 Dec 2025 19:33

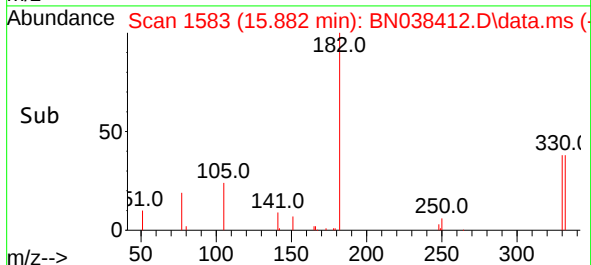
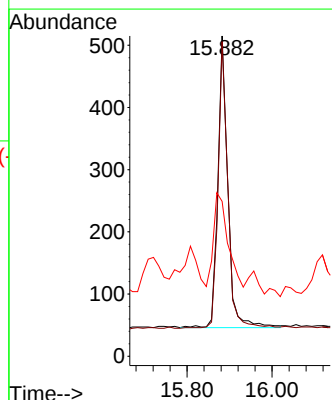
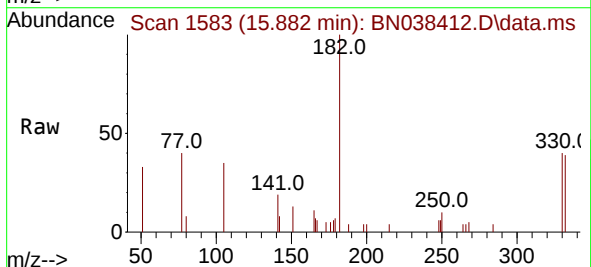
Tgt Ion:330 Resp: 762

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

141 50.3 31.8 47.8#

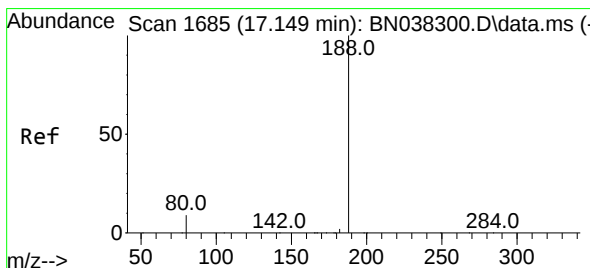
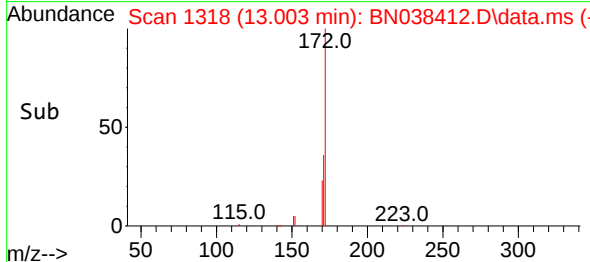
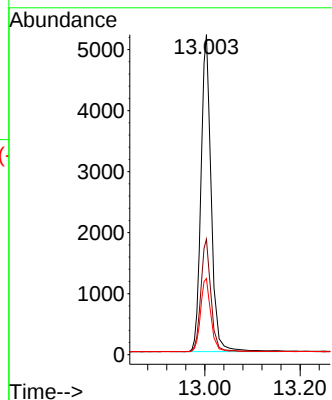
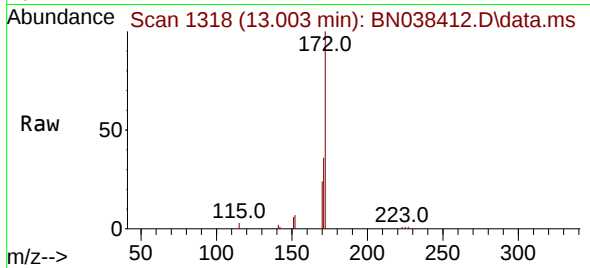




#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

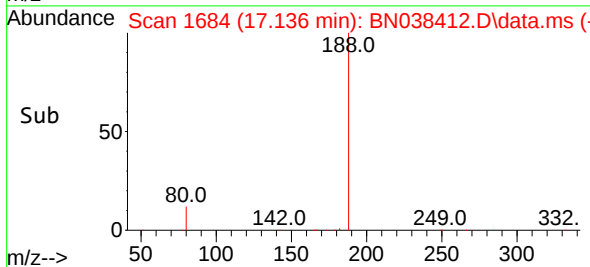
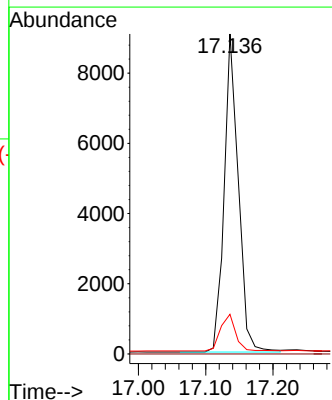
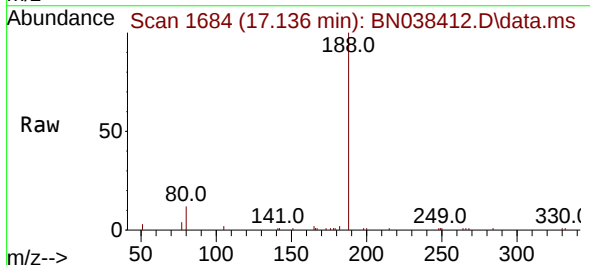
Instrument :
BNA_N
ClientSampleId :
C0AS4

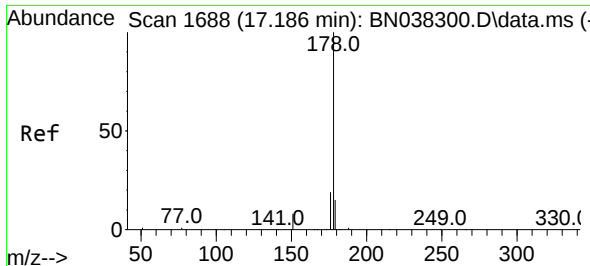
Tgt Ion:172 Resp: 10344
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.8 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:188 Resp: 13204
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.0#

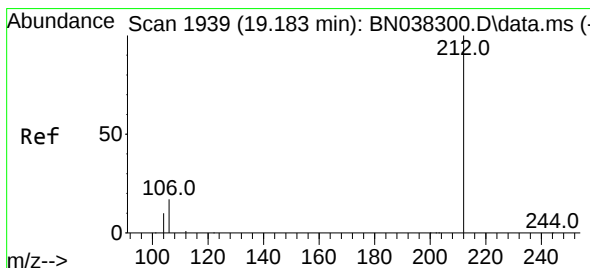
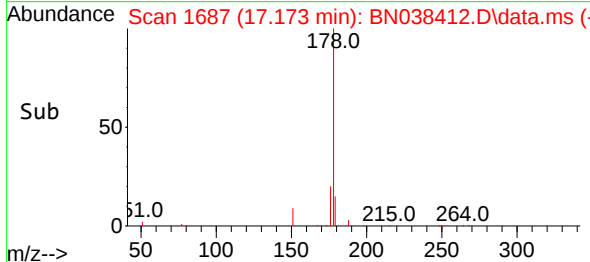
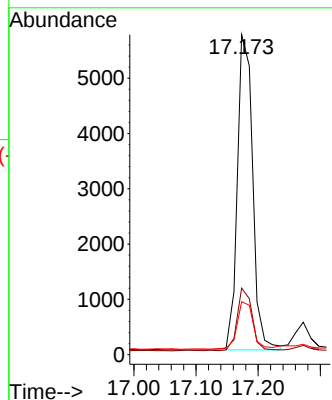
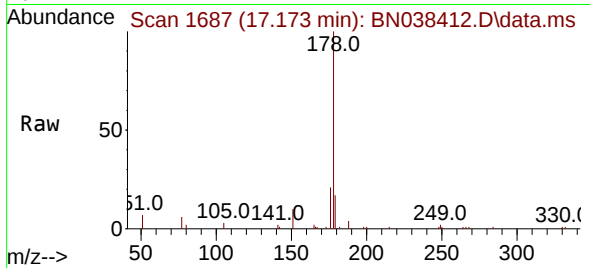




#25
Phenanthrene
Concen: 0.213 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

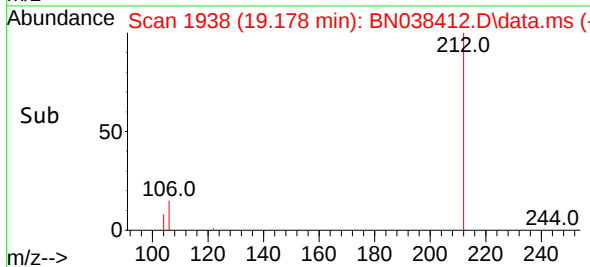
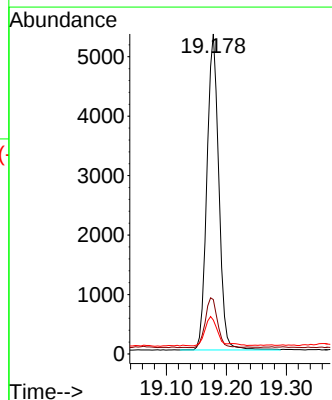
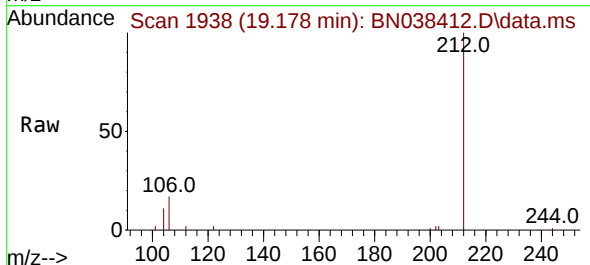
Instrument :
BNA_N
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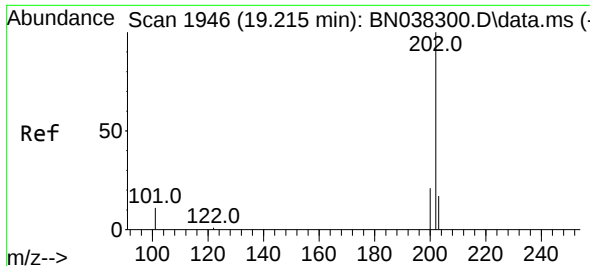
Tgt Ion:178 Resp: 9794
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.8 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:212 Resp: 7294
Ion Ratio Lower Upper
212 100
106 16.3 13.7 20.5
104 9.3 7.8 11.8

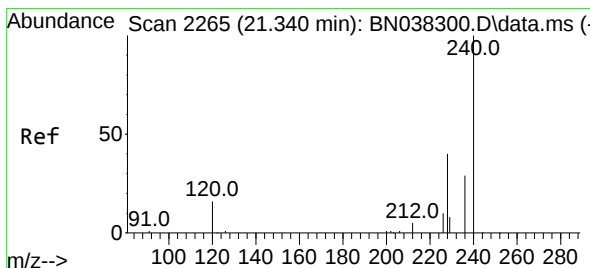
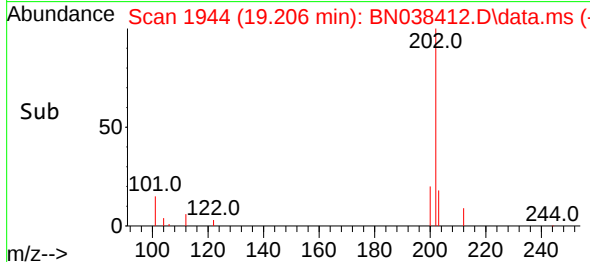
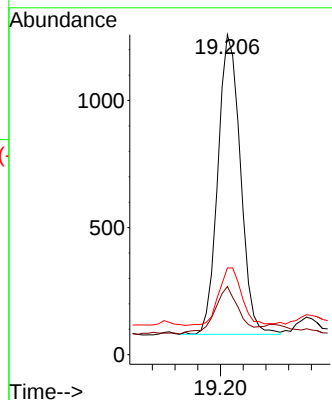
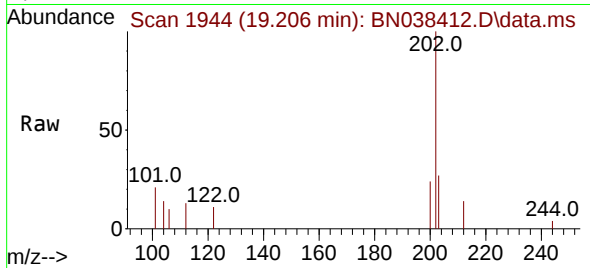




#28
Fluoranthene
Concen: 0.033 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

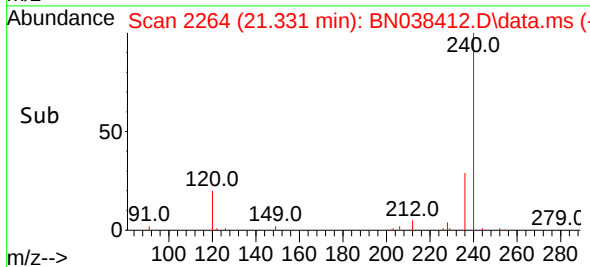
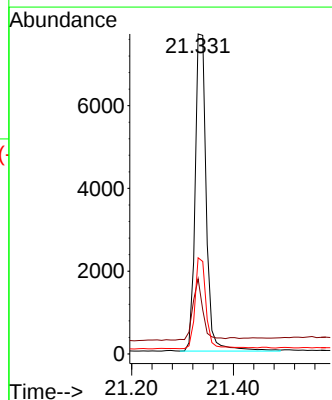
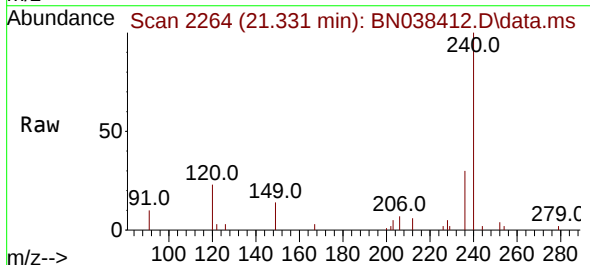
Instrument :
BNA_N
ClientSampleId :
C0AS4

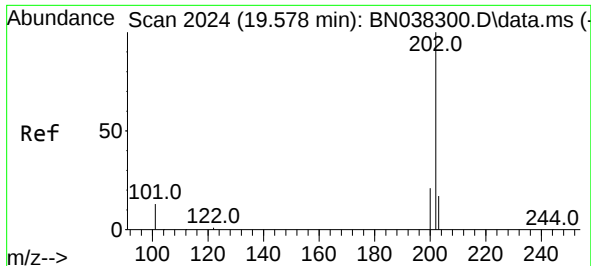
Tgt Ion:202 Resp: 1624
Ion Ratio Lower Upper
202 100
101 16.7 9.6 14.4#
203 19.5 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:240 Resp: 11669
Ion Ratio Lower Upper
240 100
120 23.5 15.4 23.2#
236 30.0 23.9 35.9

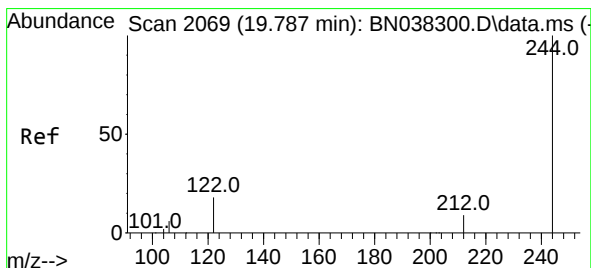
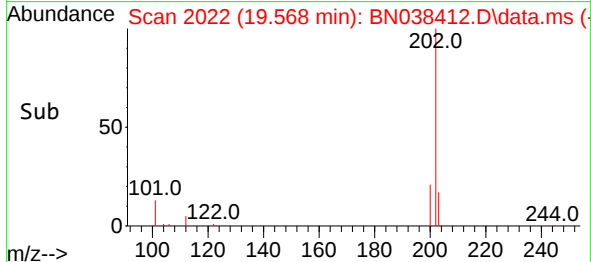
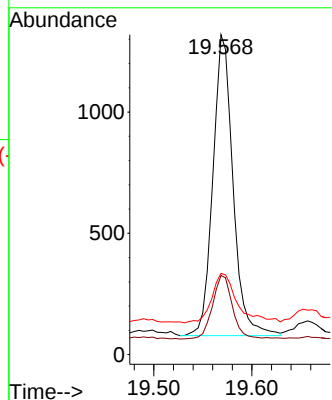
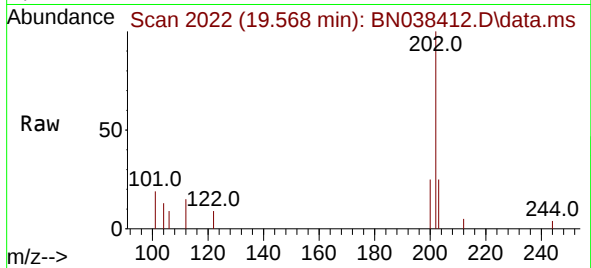




#30
Pyrene
Concen: 0.031 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

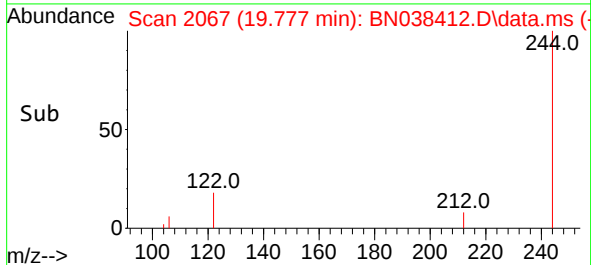
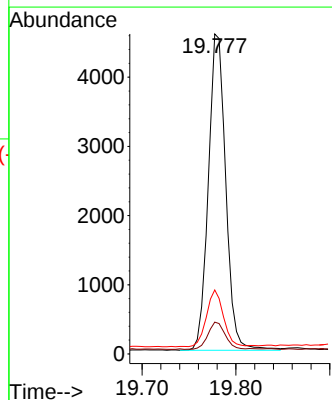
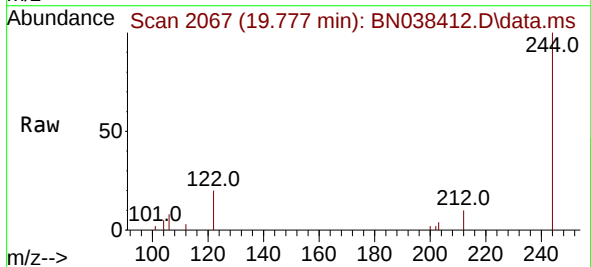
Instrument :
BNA_N
ClientSampleId :
C0AS4

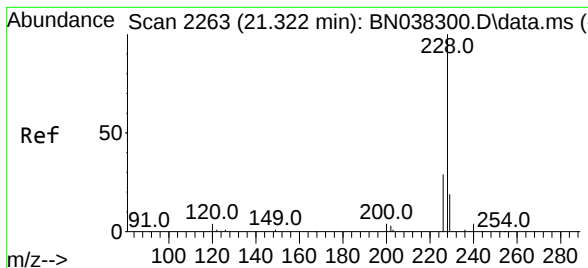
Tgt Ion:202 Resp: 1774
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 20.5 14.2 21.2



#31
Terphenyl-d14
Concen: 0.226 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038412.D
Acq: 15 Dec 2025 19:33

Tgt Ion:244 Resp: 5891
Ion Ratio Lower Upper
244 100
212 10.0 7.9 11.9
122 20.0 15.0 22.6





#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038412.D

Acq: 15 Dec 2025 19:33

Instrument :

BNA_N

ClientSampleId :

C0AS4

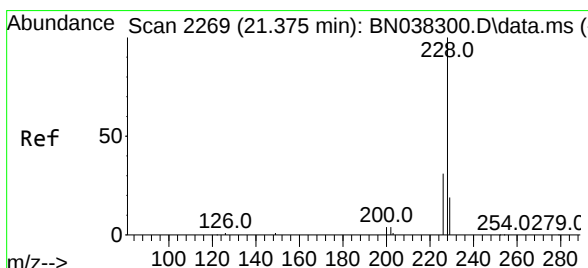
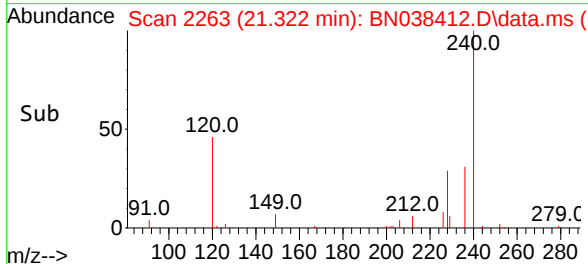
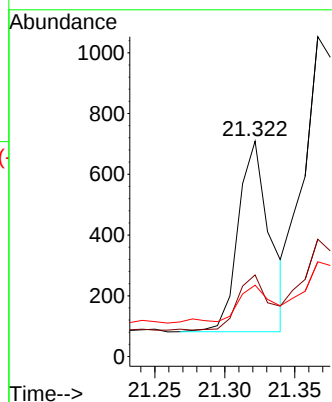
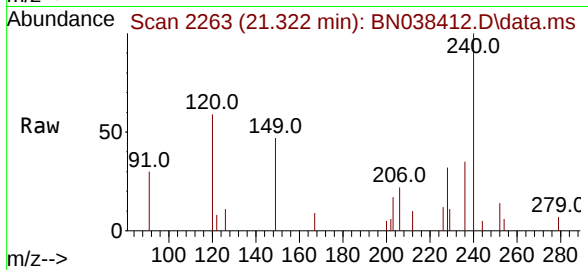
Tgt Ion:228 Resp: 983

Ion Ratio Lower Upper

228 100

226 37.9 23.3 34.9#

229 33.1 15.7 23.5#



#33

Chrysene

Concen: 0.035 ng

RT: 21.366 min Scan# 2268

Delta R.T. -0.009 min

Lab File: BN038412.D

Acq: 15 Dec 2025 19:33

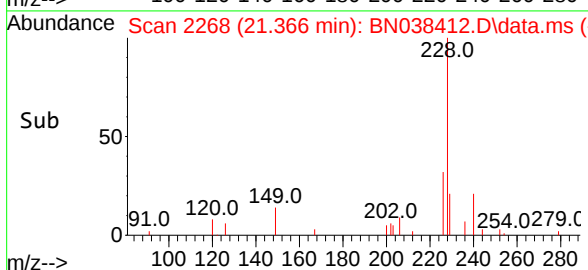
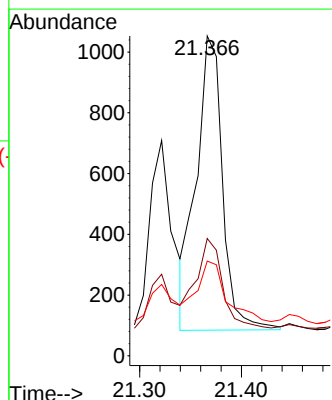
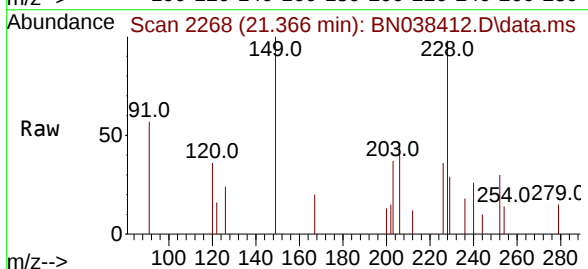
Tgt Ion:228 Resp: 1736

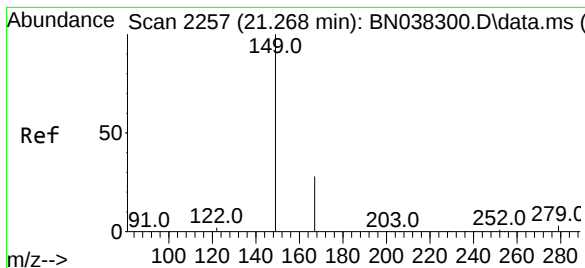
Ion Ratio Lower Upper

228 100

226 36.7 25.0 37.4

229 29.6 15.5 23.3#

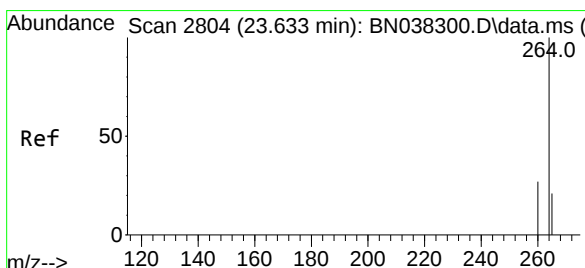
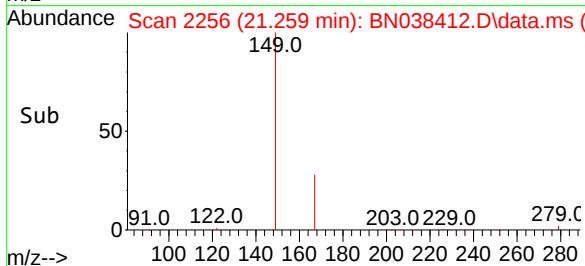
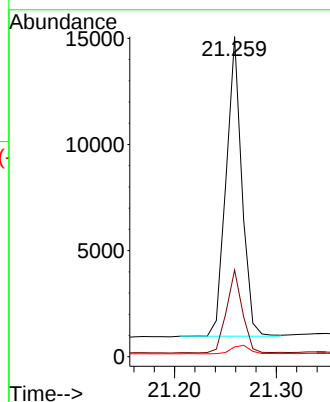
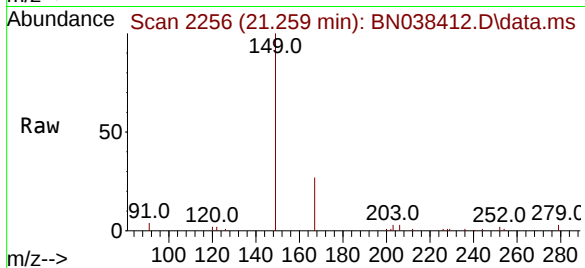




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.612 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AS4

Tgt Ion:149 Resp: 15143
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.0
 279 3.3 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 2800
 Delta R.T. -0.012 min
 Lab File: BN038412.D
 Acq: 15 Dec 2025 19:33

Tgt Ion:264 Resp: 12359
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.2 33.2
 265 89.7 80.2 120.2

