

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038322.D
 Acq On : 11 Dec 2025 17:52
 Operator : RC/JU
 Sample : Q3787-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425

Quant Time: Dec 12 00:09:46 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)

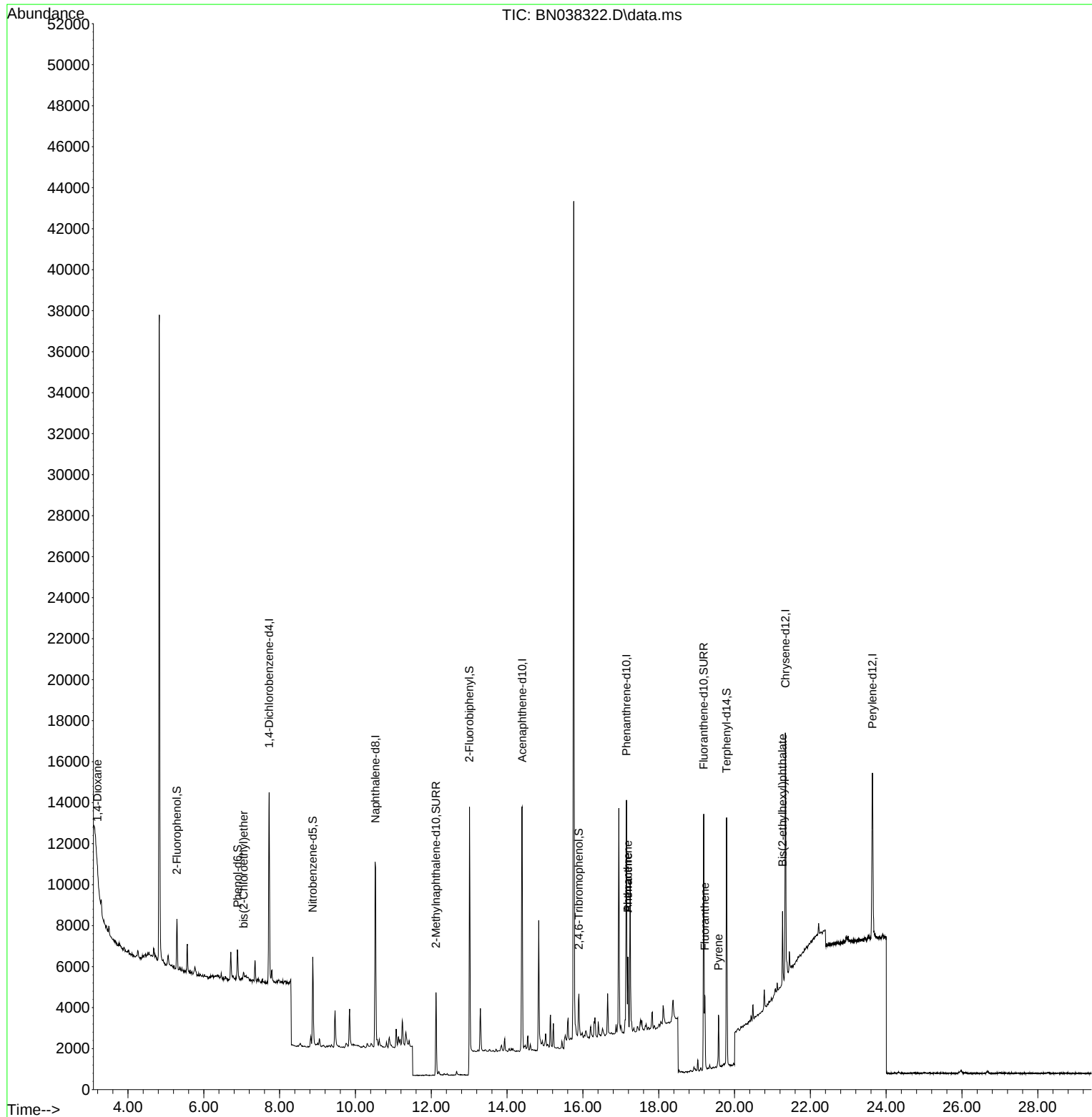
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	4848	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	13267	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7308	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14315	0.400	ng	0.00
29) Chrysene-d12	21.339	240	11515	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	11572	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1990	0.165	ng	0.00
5) Phenol-d6	6.894	99	1437	0.100	ng	0.00
8) Nitrobenzene-d5	8.875	82	3853	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5399	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1289	0.398	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	10705	0.304	ng	0.00
27) Fluoranthene-d10	19.187	212	13443	0.380	ng	0.00
31) Terphenyl-d14	19.791	244	10772	0.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	165	0.030	ng	# 61
6) bis(2-Chloroethyl)ether	7.053	93	1027	0.073	ng	# 24
25) Phenanthrene	17.186	178	3773	0.076	ng	98
26) Anthracene	17.186	178	3718	0.087	ng	98
28) Fluoranthene	19.215	202	2739	0.052	ng	# 95
30) Pyrene	19.578	202	2278	0.040	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.268	149	3254	0.133	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038322.D
Acq On : 11 Dec 2025 17:52
Operator : RC/JU
Sample : Q3787-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425

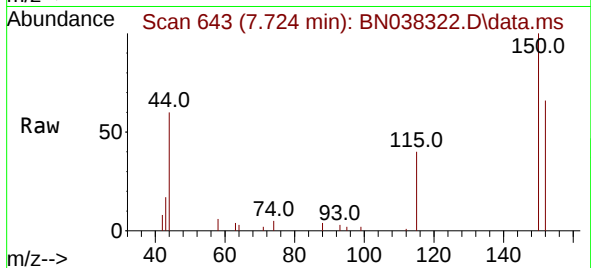
Quant Time: Dec 12 00:09:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



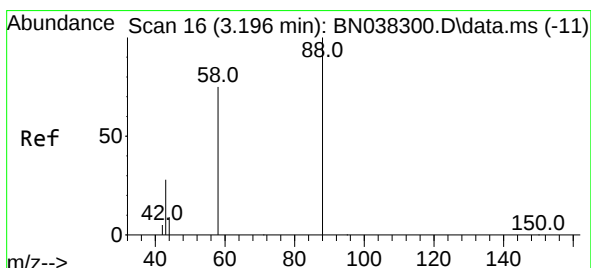
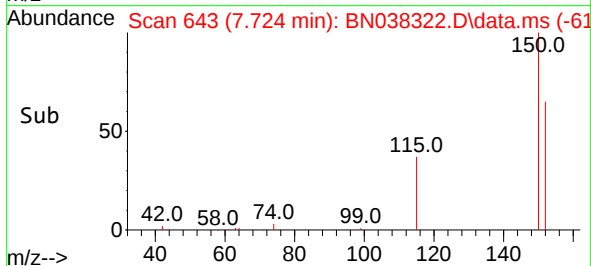
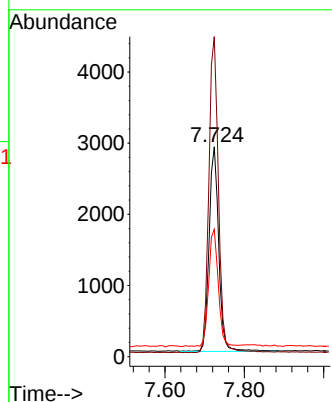


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425

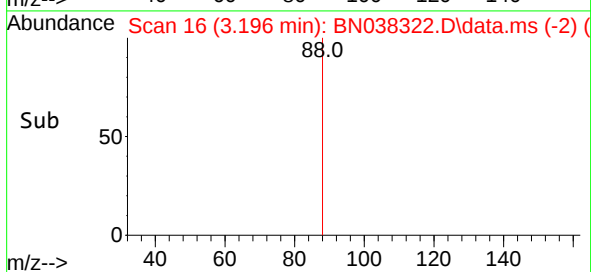
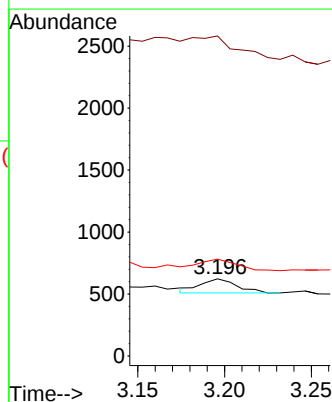
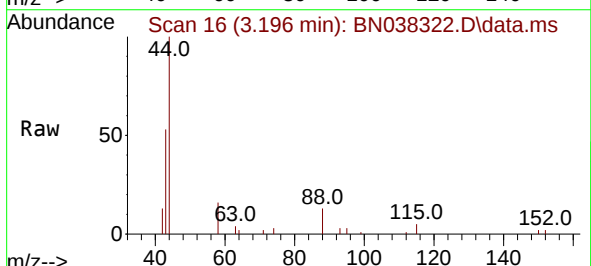


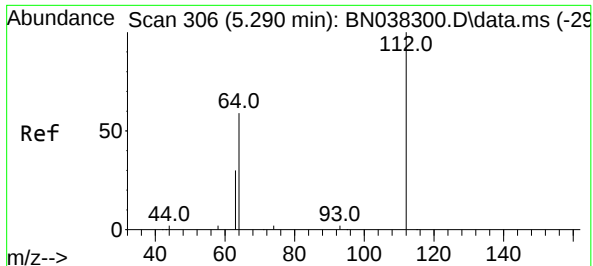
Tgt Ion: 152 Resp: 4848
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.4 183.6
 115 60.6 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

Tgt Ion: 88 Resp: 165
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.9 37.3#
 58 103.6 61.4 92.0#

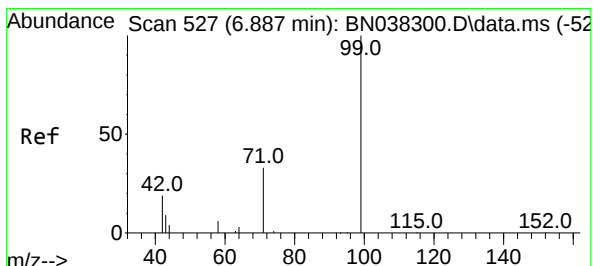
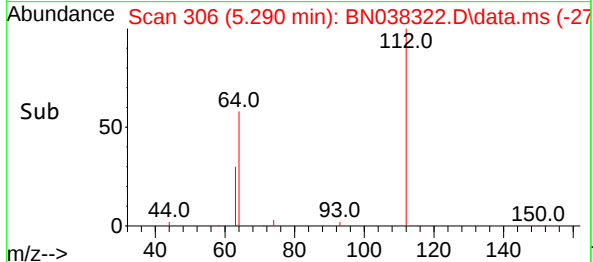
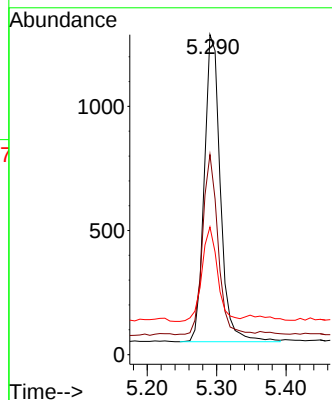
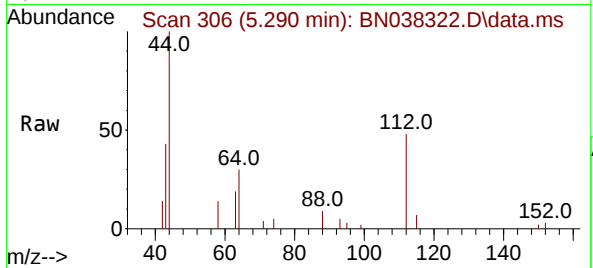




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

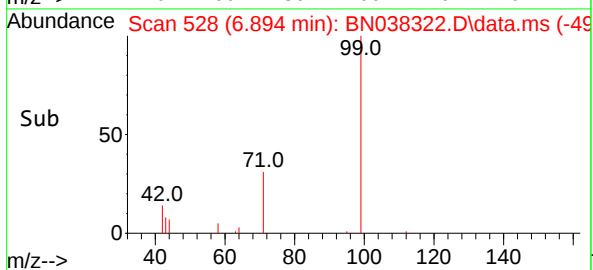
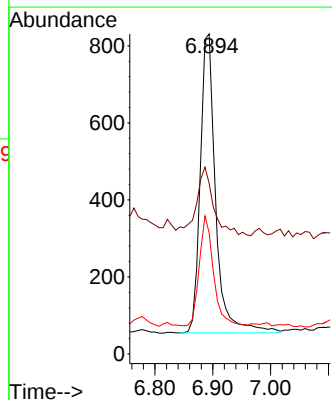
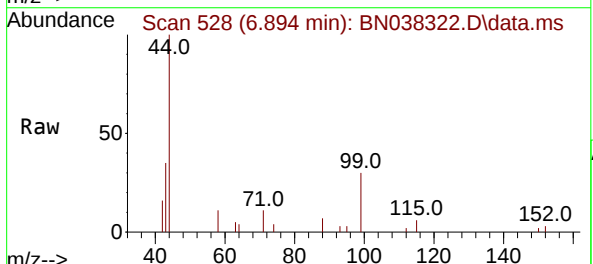
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425

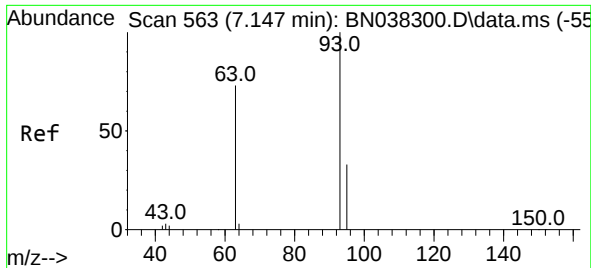
Tgt Ion:	112	Resp:	1990
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.4	66.6
63	29.9	23.4	35.0



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion:	99	Resp:	1437
Ion	Ratio	Lower	Upper
99	100		
42	25.0	16.5	24.7#
71	34.2	24.9	37.3

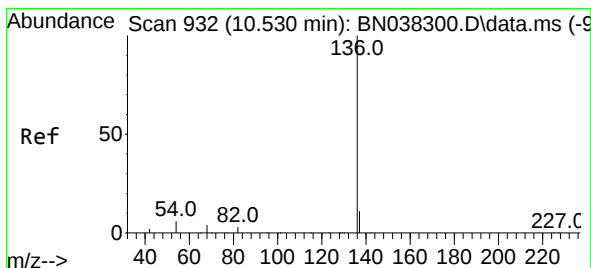
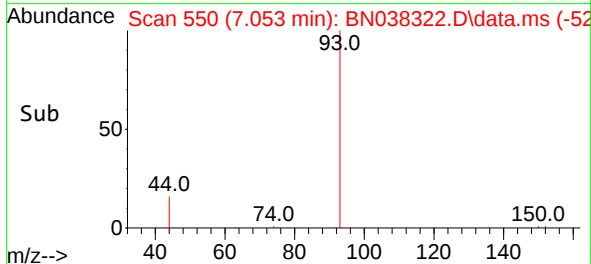
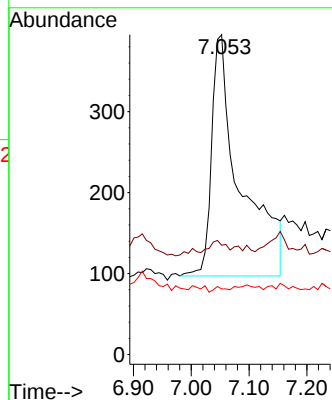
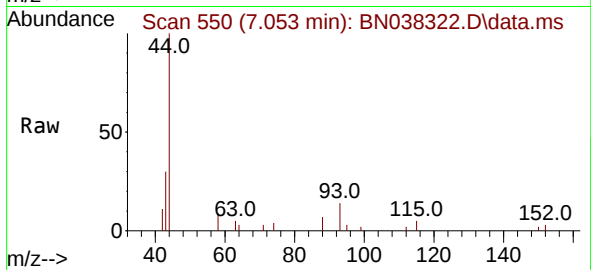




#6
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 7.053 min Scan# 511
Delta R.T. -0.094 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

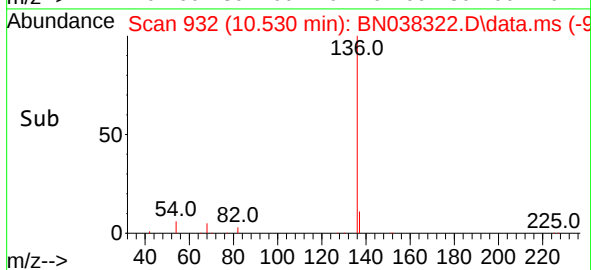
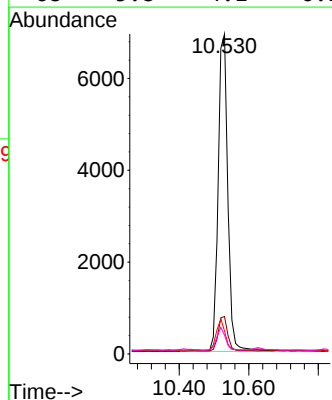
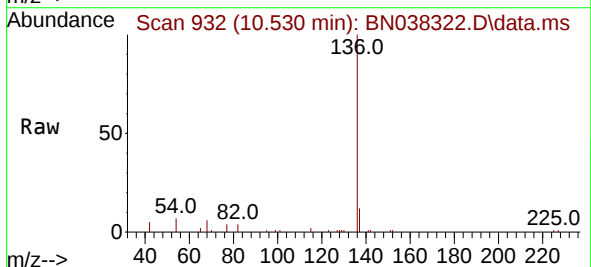
Instrument :
BNA_N
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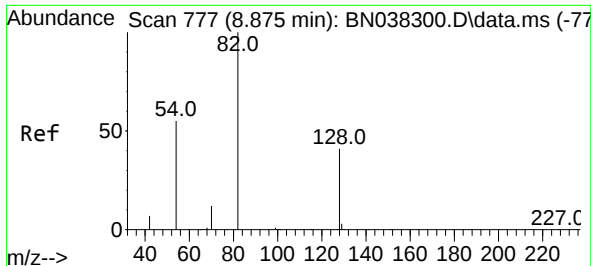
Tgt Ion: 93 Resp: 1027
Ion Ratio Lower Upper
93 100
63 2.6 59.2 88.8#
95 0.9 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion: 136 Resp: 13267
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.1 5.2 7.8
68 5.8 4.1 6.1

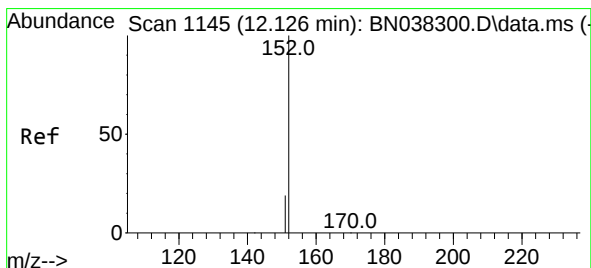
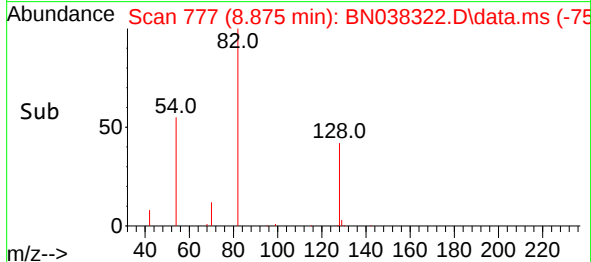
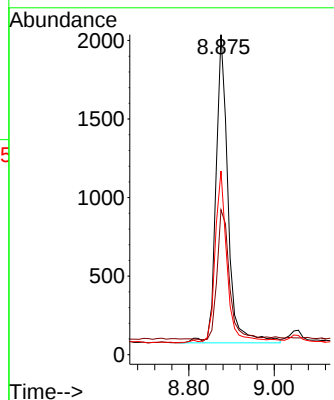
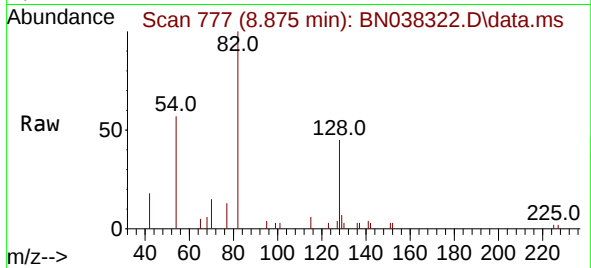




#8
 Nitrobenzene-d5
 Concen: 0.344 ng
 RT: 8.875 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

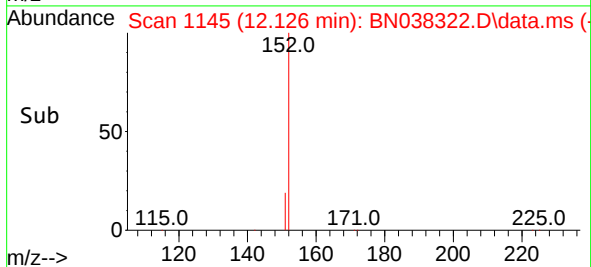
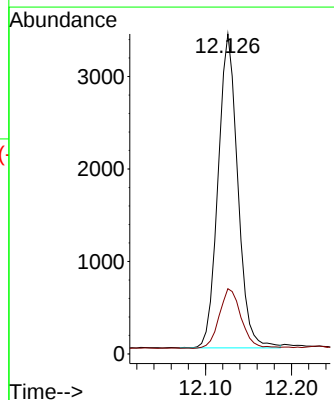
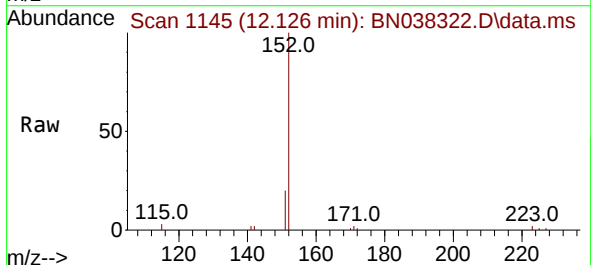
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425

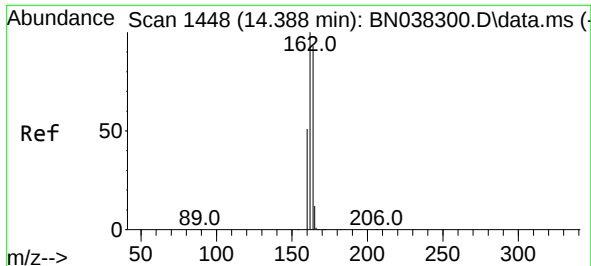
Tgt Ion: 82 Resp: 3853
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 57.4 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.288 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

Tgt Ion: 152 Resp: 5399
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6

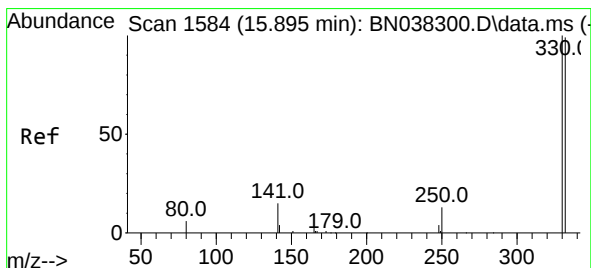
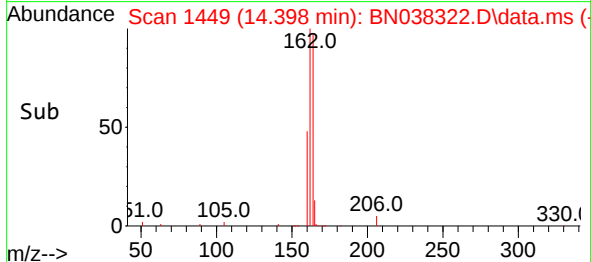
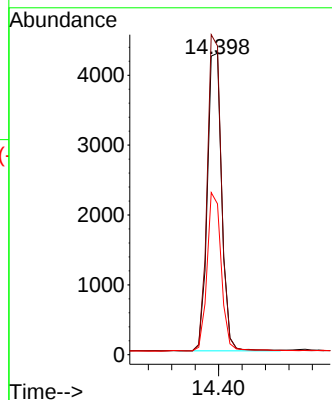
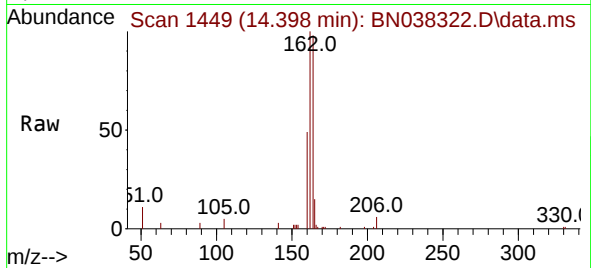




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

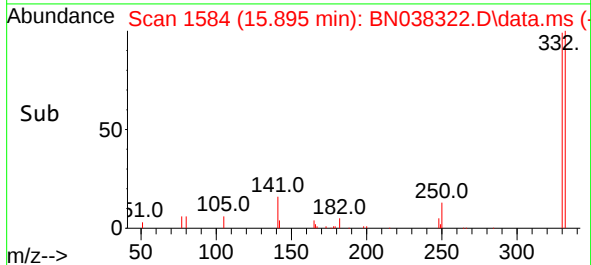
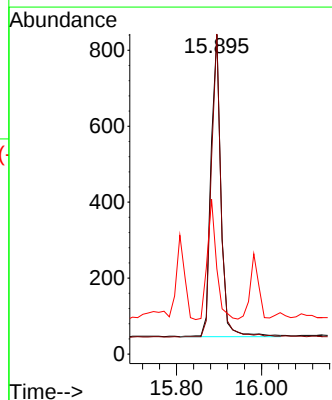
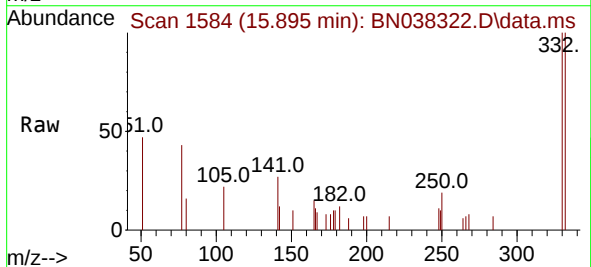
Instrument :
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Tgt Ion:164 Resp: 7308
Ion Ratio Lower Upper
164 100
162 102.4 86.2 129.4
160 50.0 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion:330 Resp: 1289
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 36.9 31.8 47.8

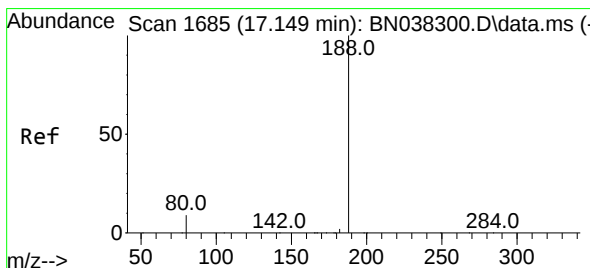
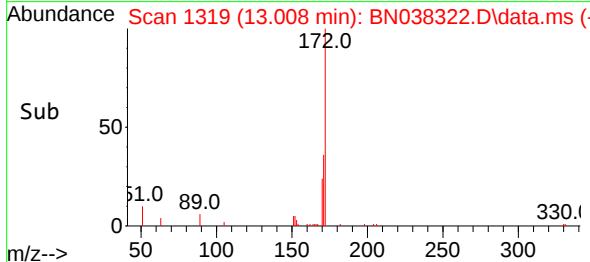
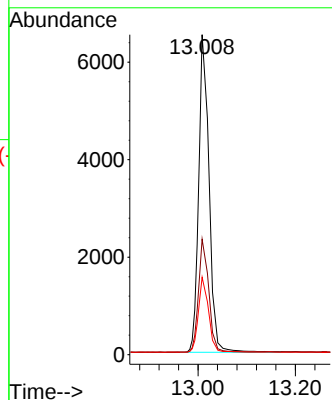
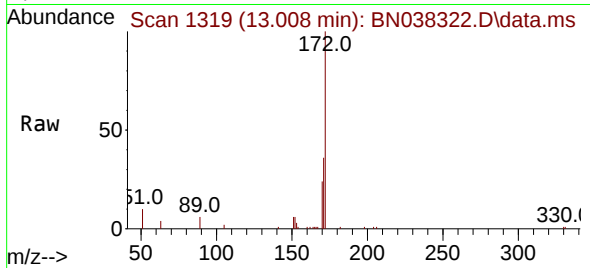




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

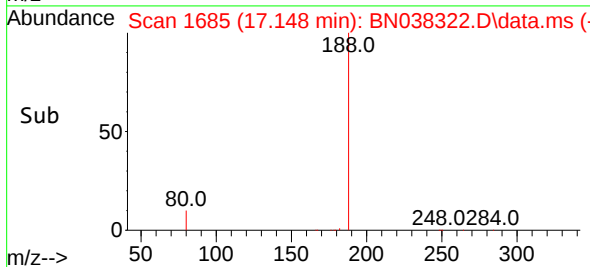
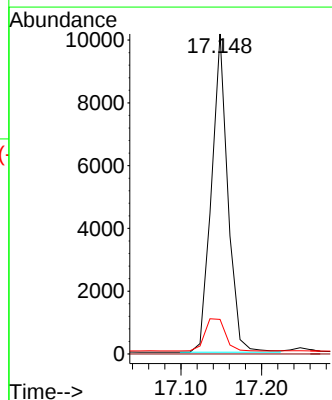
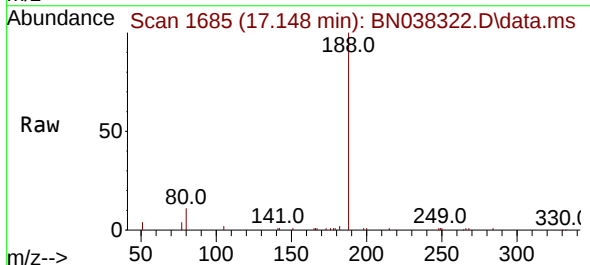
Instrument :
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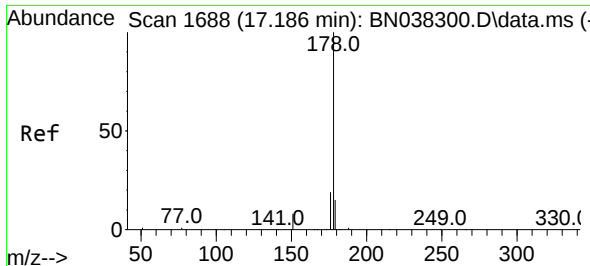
Tgt Ion:	172	Resp:	10705
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	42.8
170	24.2	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion:	188	Resp:	14315
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.8	7.4	11.0

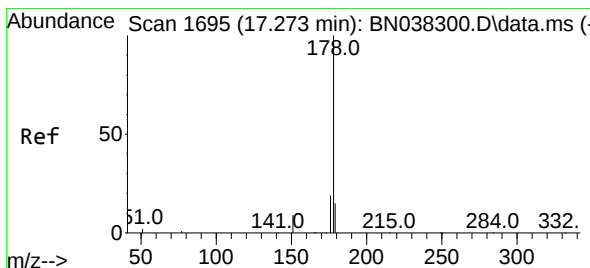
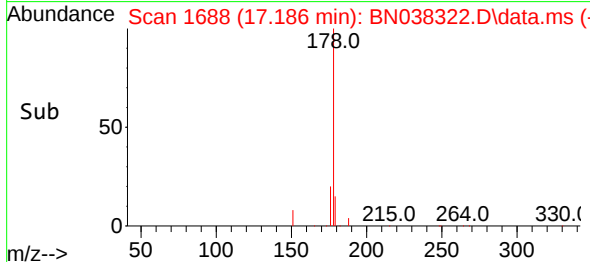
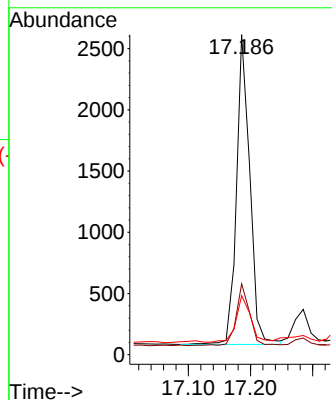
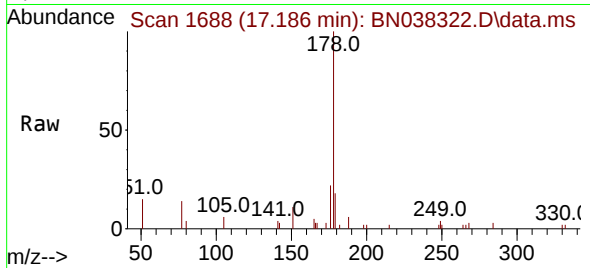




#25
Phenanthrene
Concen: 0.076 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

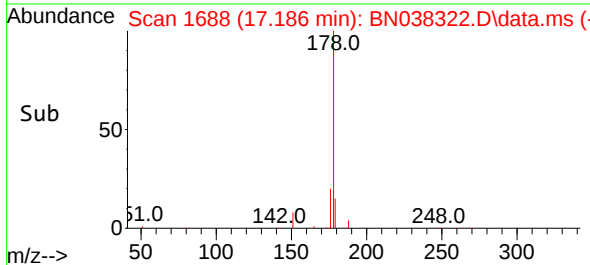
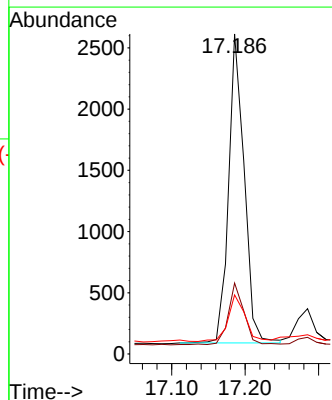
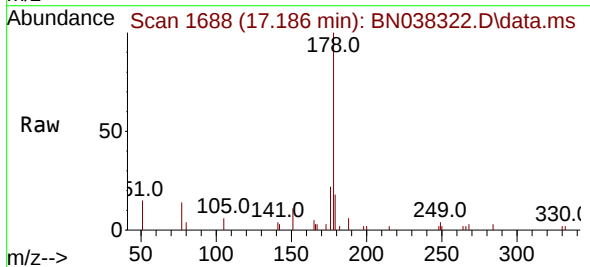
Instrument :
BNA_N
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OW-08B-72.5-120425

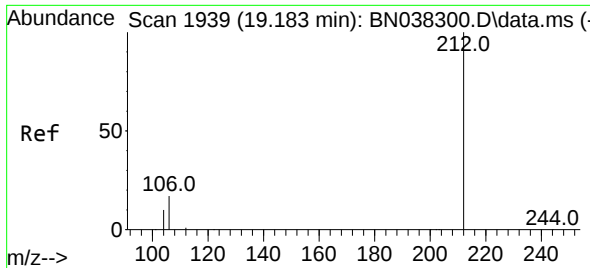
Tgt Ion:	178	Resp:	3773
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.2	12.2	18.2



#26
Anthracene
Concen: 0.087 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.099 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion:	178	Resp:	3718
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.5	12.0	18.0

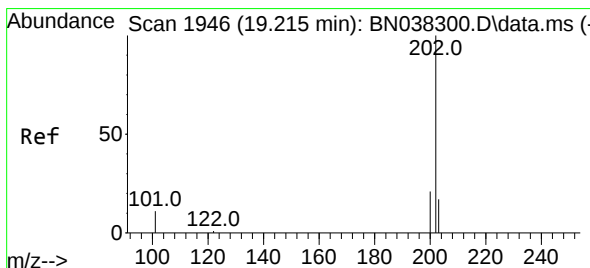
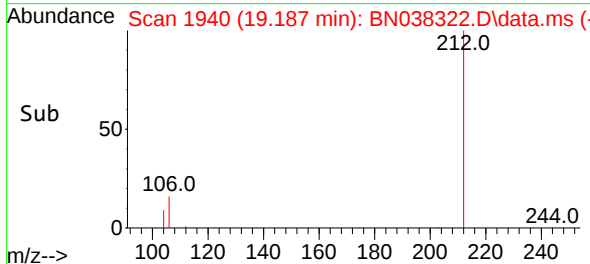
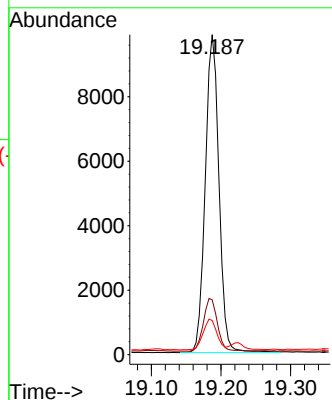
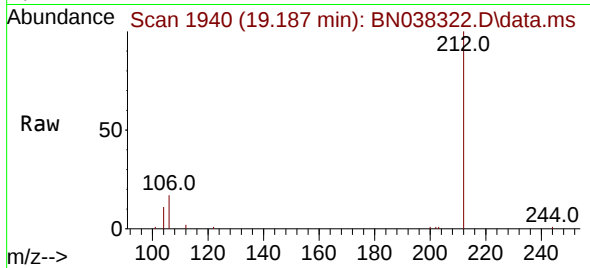




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

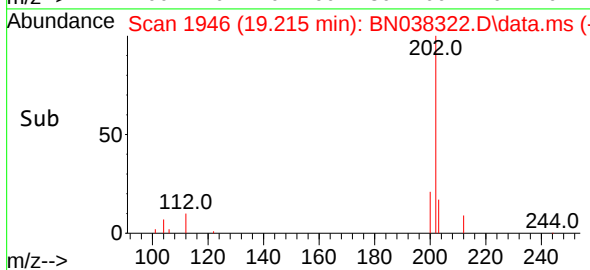
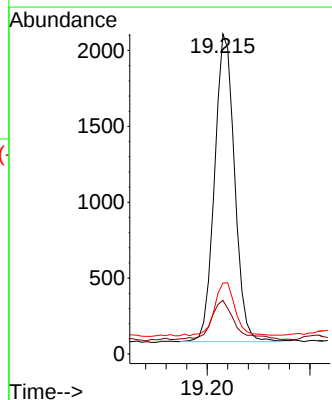
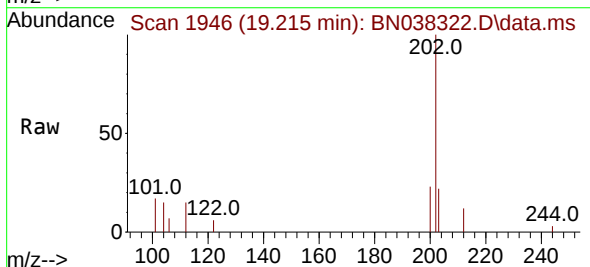
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425

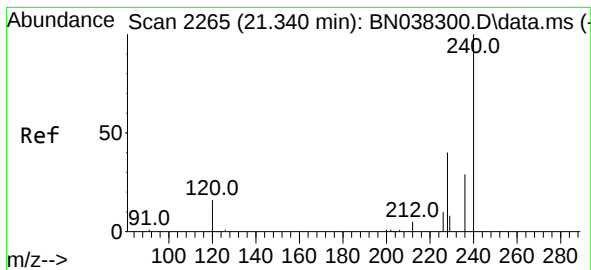
Tgt Ion:212 Resp: 13443
Ion Ratio Lower Upper
212 100
106 16.9 13.7 20.5
104 9.7 7.8 11.8



#28
Fluoranthene
Concen: 0.052 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Tgt Ion:202 Resp: 2739
Ion Ratio Lower Upper
202 100
101 15.7 9.6 14.4#
203 17.9 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038322.D

Acq: 11 Dec 2025 17:52

Instrument :

BNA_N

ClientSampleId :

OW-08B-72.5-120425

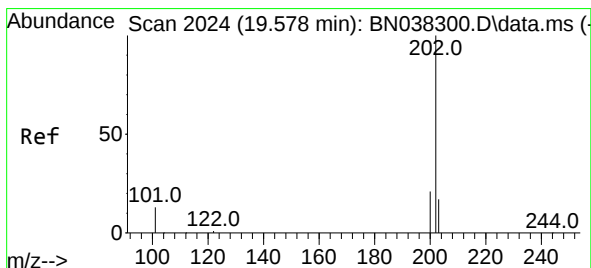
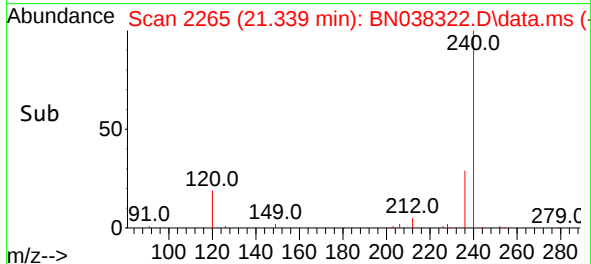
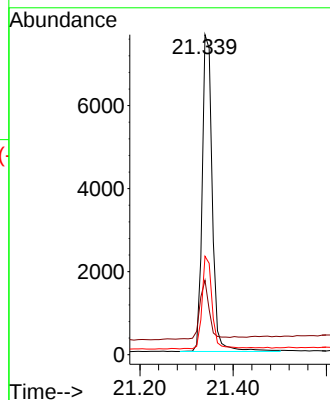
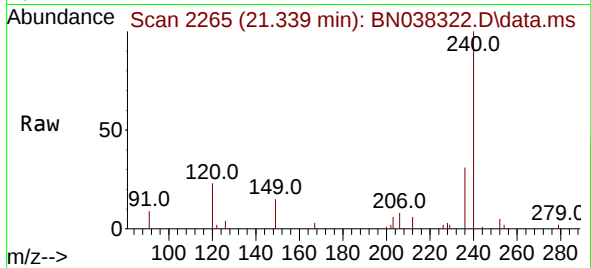
Tgt Ion:240 Resp: 11515

Ion Ratio Lower Upper

240 100

120 23.2 15.4 23.2#

236 30.7 23.9 35.9



#30

Pyrene

Concen: 0.040 ng

RT: 19.578 min Scan# 2024

Delta R.T. -0.005 min

Lab File: BN038322.D

Acq: 11 Dec 2025 17:52

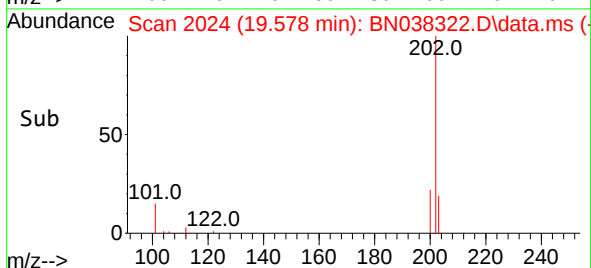
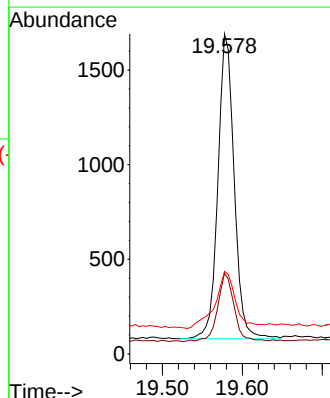
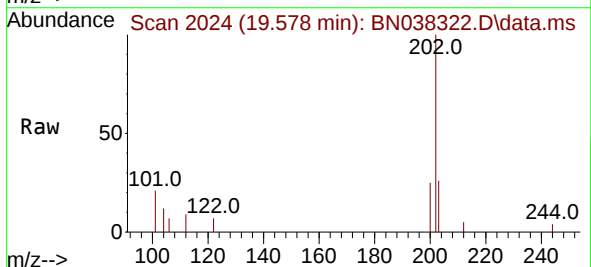
Tgt Ion:202 Resp: 2278

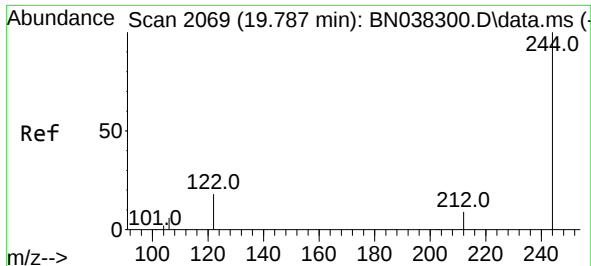
Ion Ratio Lower Upper

202 100

200 22.9 16.9 25.3

203 24.2 14.2 21.2#

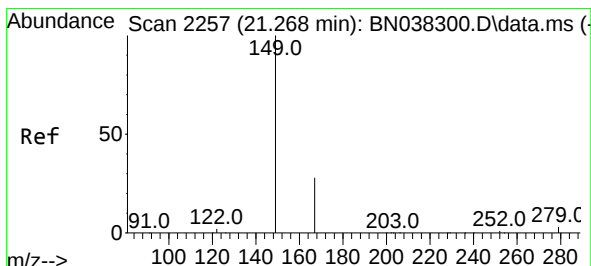
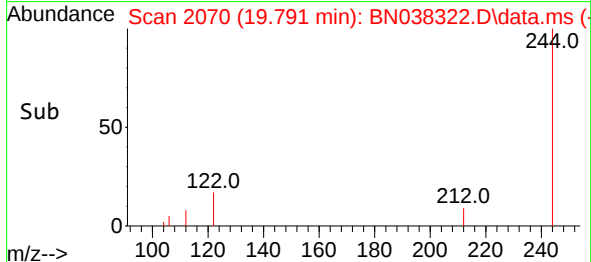
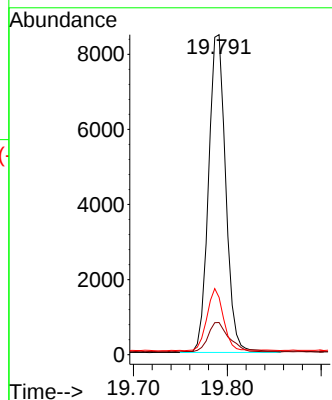
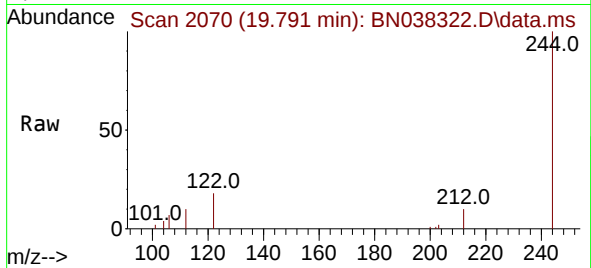




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.791 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

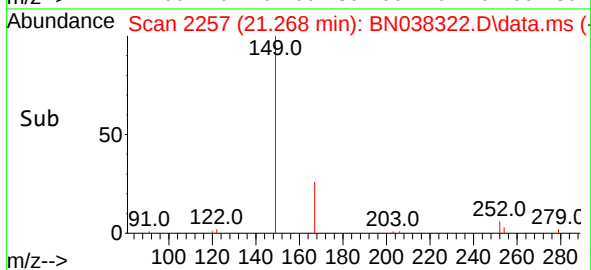
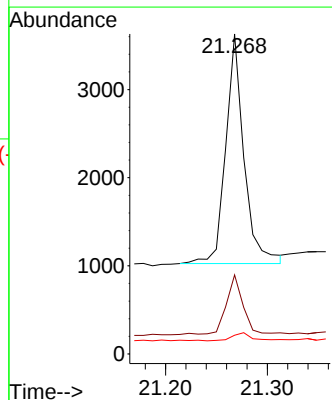
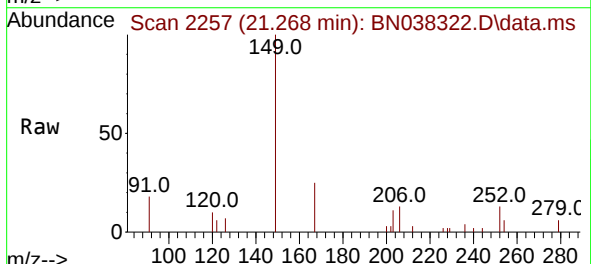
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425

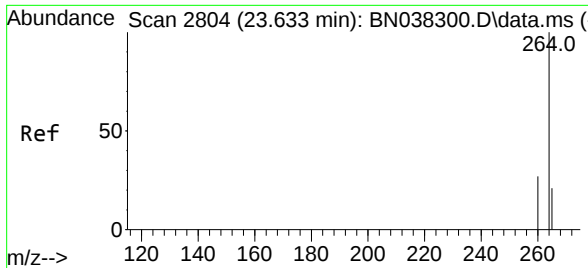
Tgt Ion:244 Resp: 10772
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 17.9 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN038322.D
 Acq: 11 Dec 2025 17:52

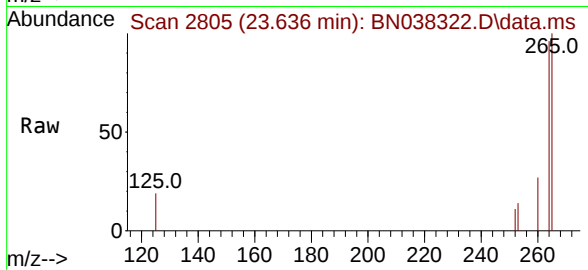
Tgt Ion:149 Resp: 3254
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.4 32.0
 279 4.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN038322.D
Acq: 11 Dec 2025 17:52

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425



Tgt Ion:264 Resp: 11572

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	104.1	80.2	120.2

