

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038233.D
 Acq On : 01 Dec 2025 19:40
 Operator : RC/JU
 Sample : Q3618-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 EME-GENERAL-FILL

Quant Time: Dec 02 01:09:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

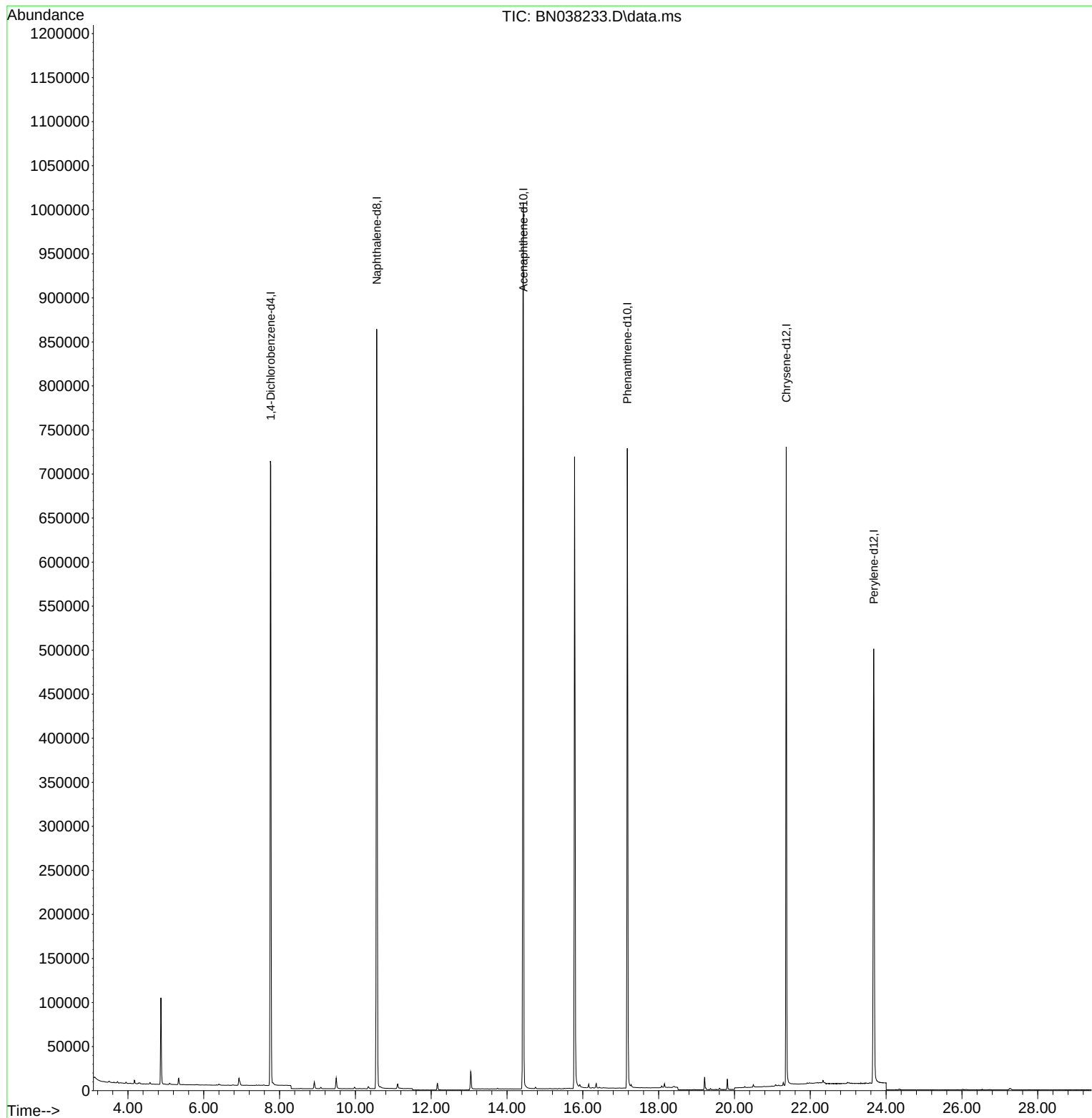
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	365029	20.000	ng	0.00
7) Naphthalene-d8	10.562	136	1126186	20.000	ng	#-0.01
13) Acenaphthene-d10	14.430	164	604193	20.000	ng	0.00
19) Phenanthrene-d10	17.173	188	957558	20.000	ng	#-0.01
29) Chrysene-d12	21.366	240	619195	20.000	ng	# 0.00
35) Perylene-d12	23.674	264	661677	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6428	0.377	ng	0.00
5) Phenol-d6	6.930	99	7934	0.372	ng	0.00
8) Nitrobenzene-d5	8.918	82	6640	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	11077	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1345	0.354	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	18227	0.391	ng	-0.01
27) Fluoranthene-d10	19.215	212	15396	0.371	ng	0.00
31) Terphenyl-d14	19.815	244	11552	0.404	ng	0.00
Target Compounds						
						Qvalue
17) Acenaphthene	14.420	154	2465	0.065	ng	# 9
25) Phenanthrene	17.223	178	1421	0.024	ng	# 76
28) Fluoranthene	19.243	202	1401	0.024	ng	# 92
30) Pyrene	19.606	202	1474	0.024	ng	# 94
32) Benzo(a)anthracene	21.366	228	3722	0.089	ng	# 75
33) Chrysene	21.366	228	3722	0.075	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.286	149	3378	0.147	ng	# 99
37) Benzo(b)fluoranthene	22.978	252	1374	0.025	ng	# 1
38) Benzo(k)fluoranthene	22.978	252	1374	0.024	ng	# 1

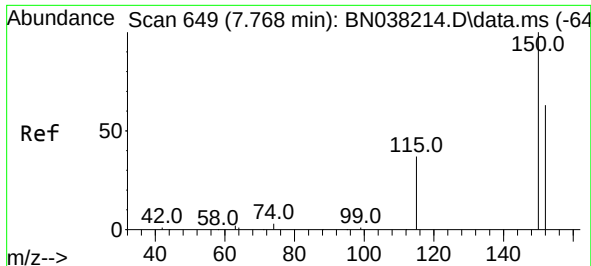
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
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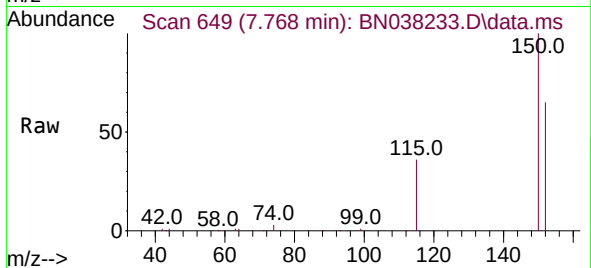
Quant Time: Dec 02 01:09:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
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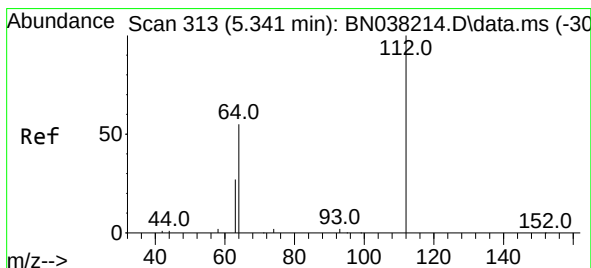
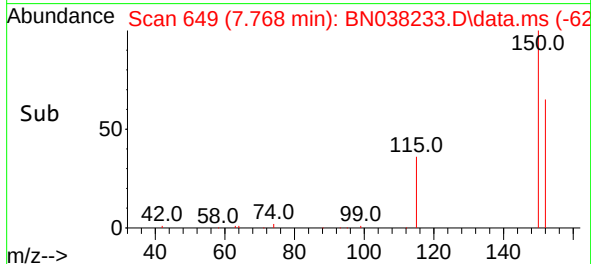
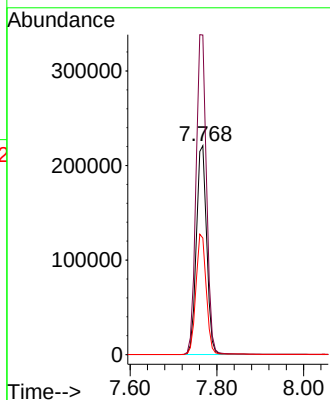


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

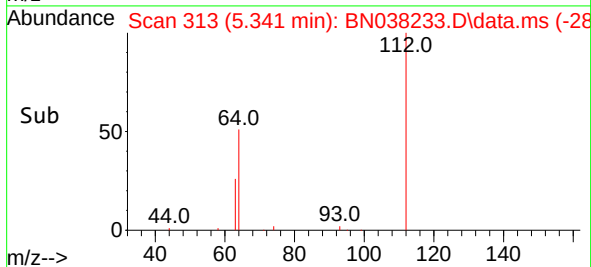
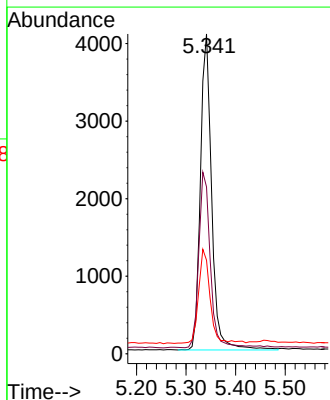
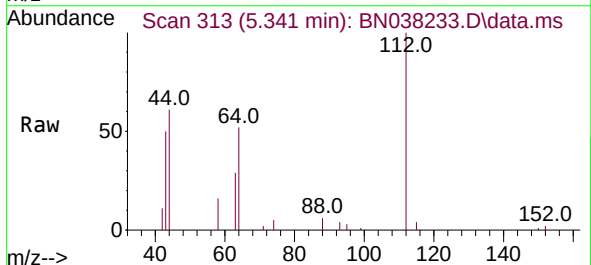


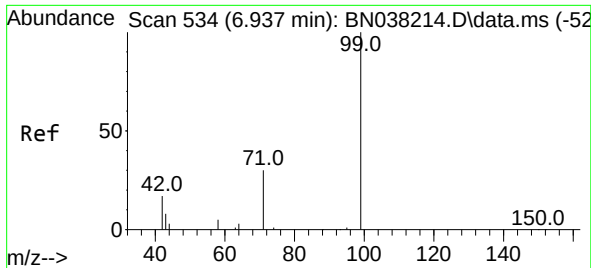
Tgt Ion:152 Resp: 365029
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 55.8 49.0 73.4



#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:112 Resp: 6428
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.4
63 29.6 23.2 34.8

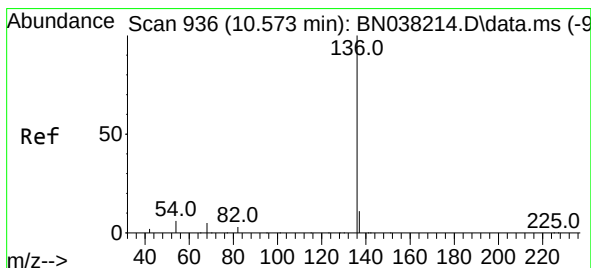
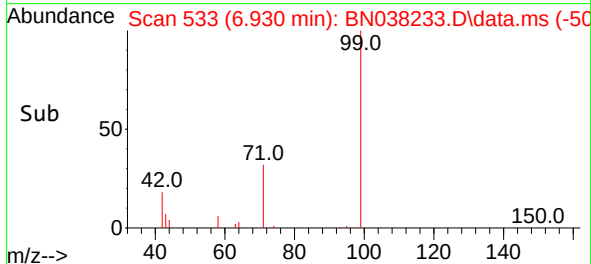
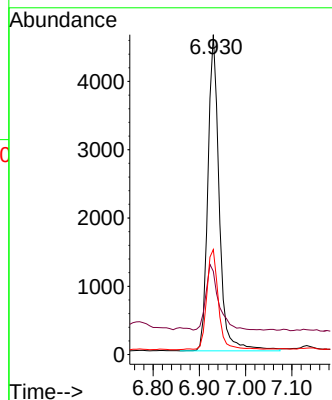
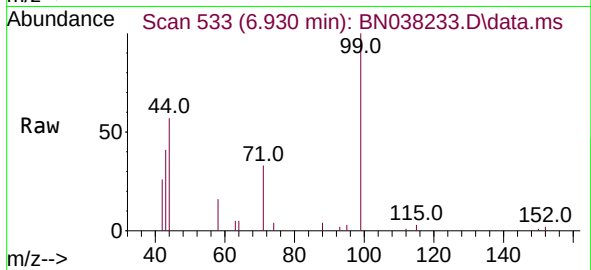




#5
Phenol-d6
Concen: 0.372 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

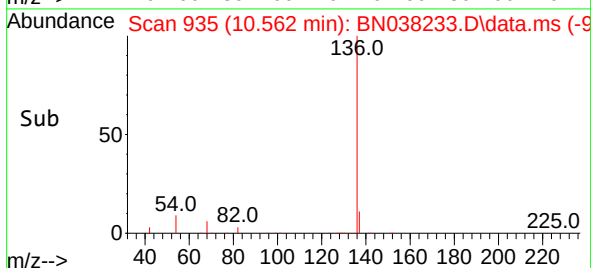
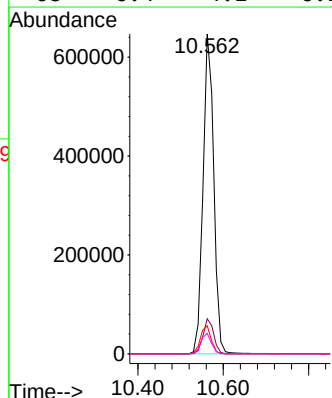
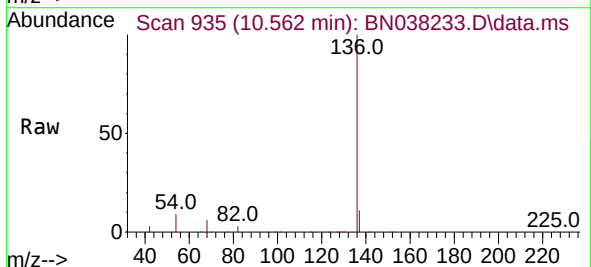
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

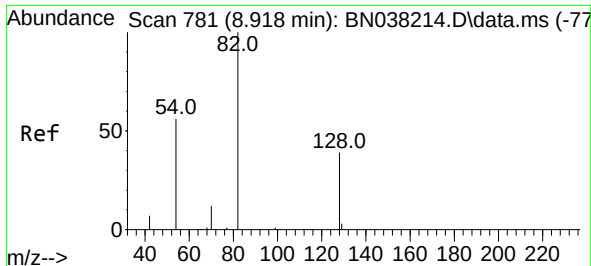
Tgt Ion: 99 Resp: 7934
Ion Ratio Lower Upper
99 100
42 23.3 17.0 25.6
71 32.9 25.4 38.2



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion: 136 Resp: 1126186
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 5.4 8.0#
68 6.4 4.1 6.1#

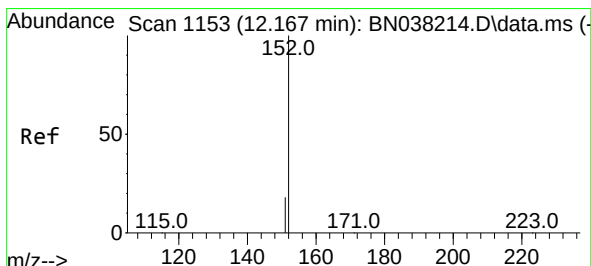
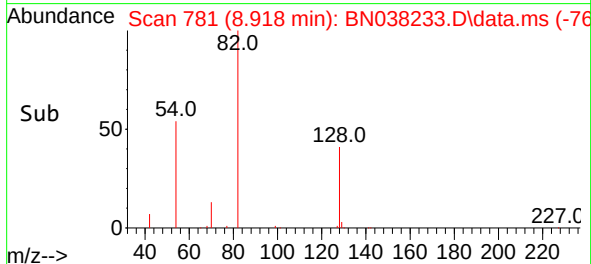
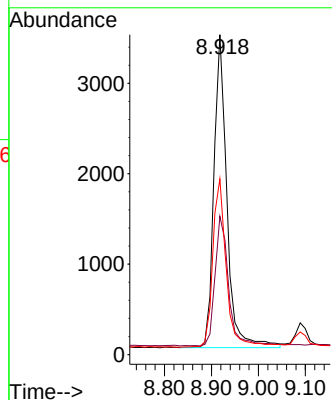
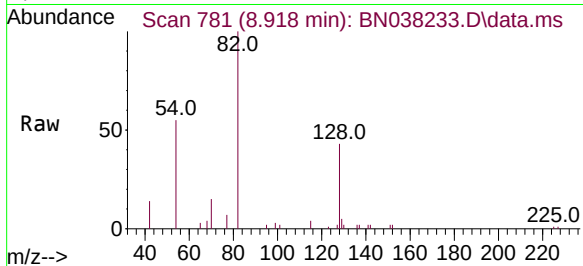




#8
 Nitrobenzene-d5
 Concen: 0.369 ng
 RT: 8.918 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN038233.D
 Acq: 01 Dec 2025 19:40

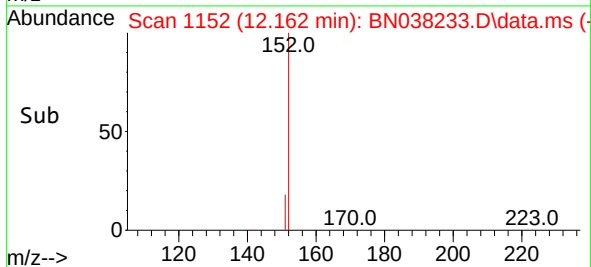
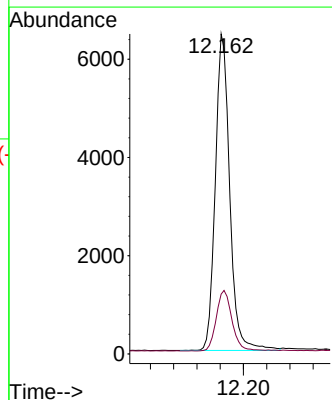
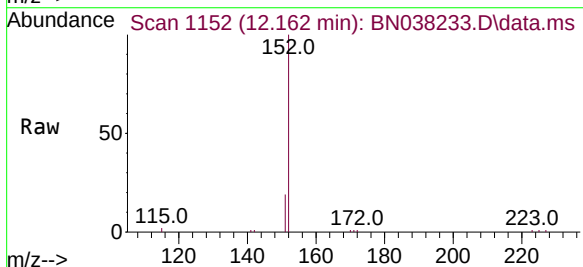
Instrument :
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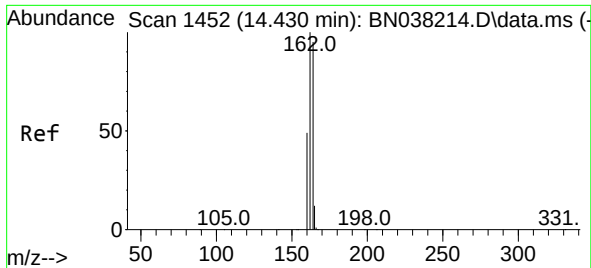
Tgt Ion: 82 Resp: 6640
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.6 48.8
 54 54.9 45.4 68.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.162 min Scan# 1152
 Delta R.T. -0.005 min
 Lab File: BN038233.D
 Acq: 01 Dec 2025 19:40

Tgt Ion: 152 Resp: 11077
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1

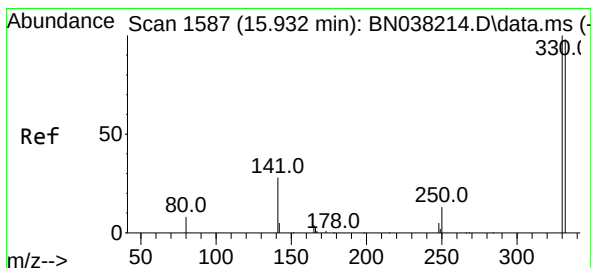
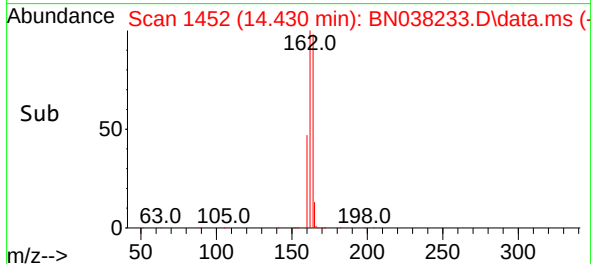
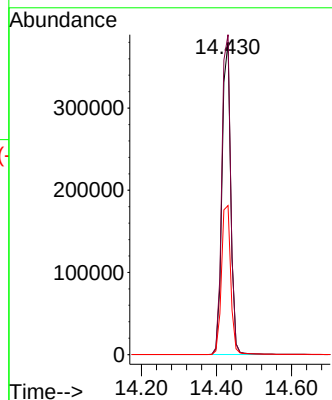
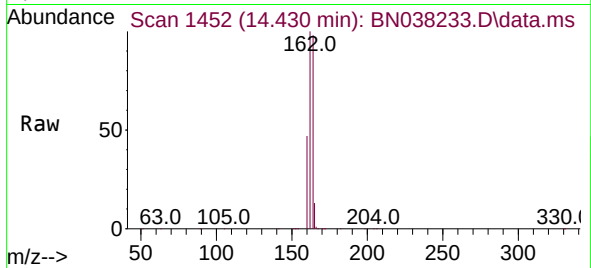




#13
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.430 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN038233.D
 Acq: 01 Dec 2025 19:40

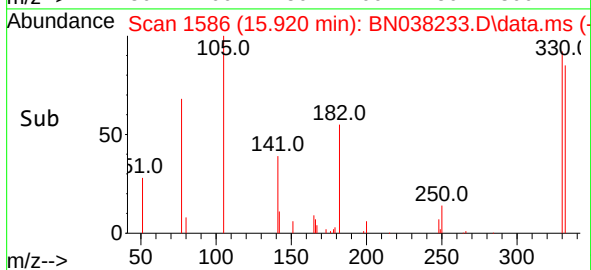
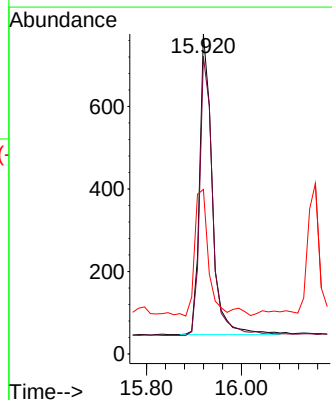
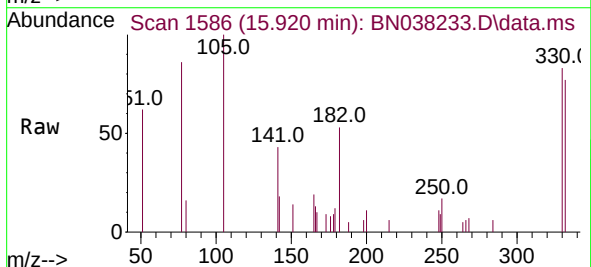
Instrument :
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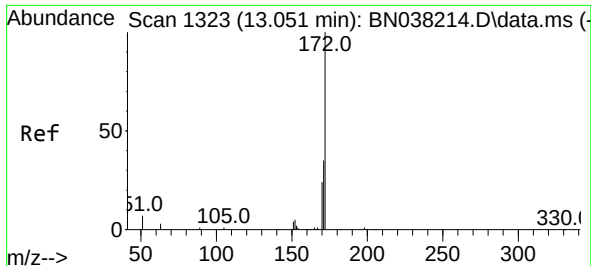
Tgt Ion:164 Resp: 604193
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.8 125.8
 160 47.7 41.6 62.4



#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.920 min Scan# 1586
 Delta R.T. -0.012 min
 Lab File: BN038233.D
 Acq: 01 Dec 2025 19:40

Tgt Ion:330 Resp: 1345
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 43.9 33.0 49.4

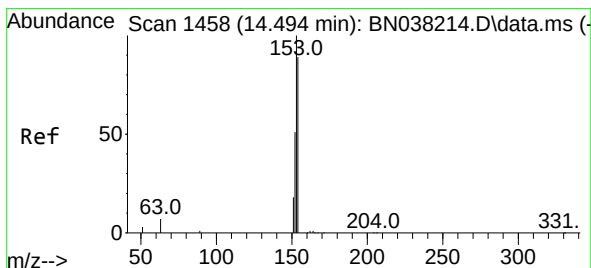
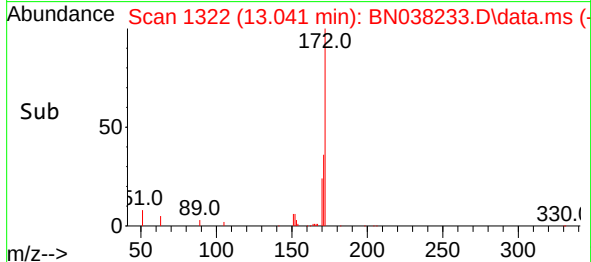
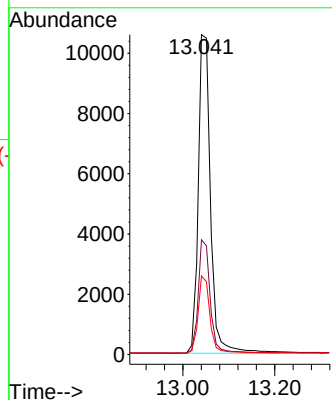
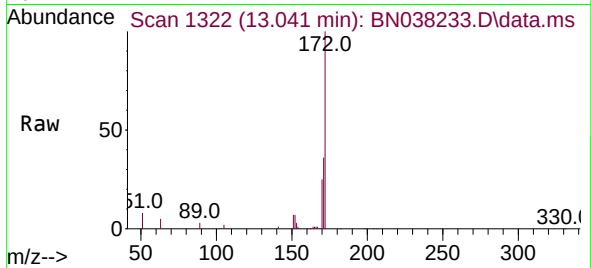




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.041 min Scan# 1323
Delta R.T. -0.010 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

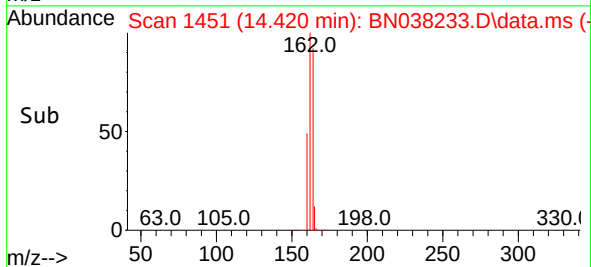
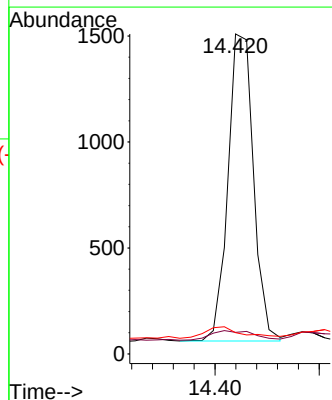
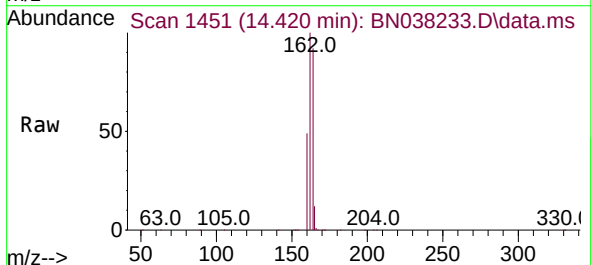
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

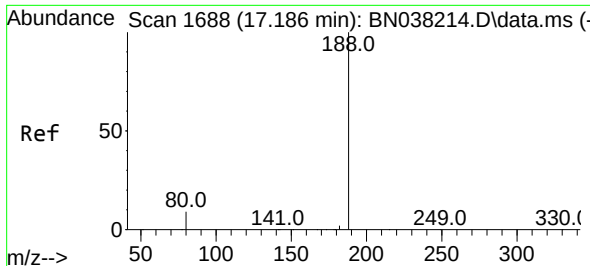
Tgt Ion:	172	Resp:	18227
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.1	42.1
170	24.6	19.1	28.7



#17
Acenaphthene
Concen: 0.065 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.075 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:	154	Resp:	2465
Ion Ratio	Lower	Upper	
154	100		
153	5.4	91.1	136.7#
152	5.5	48.2	72.2#

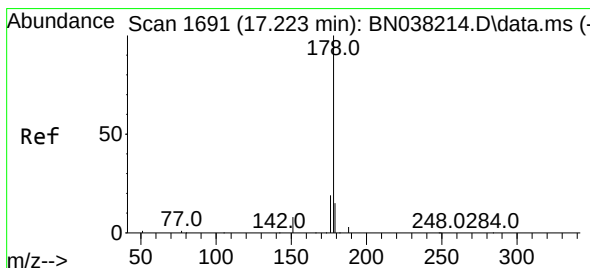
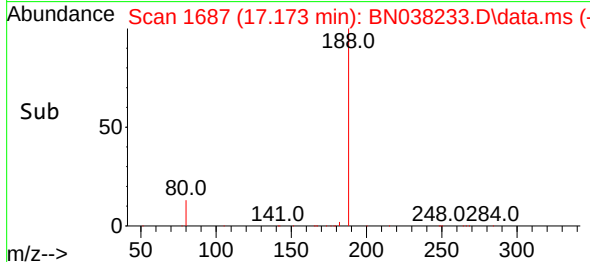
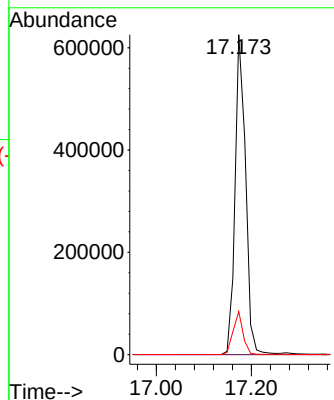
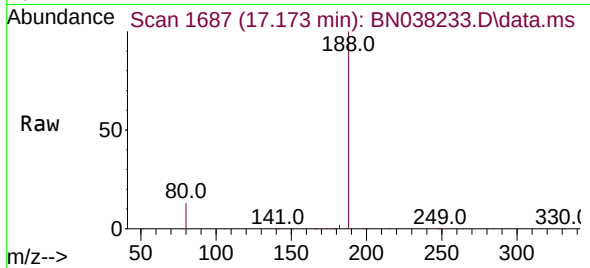




#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

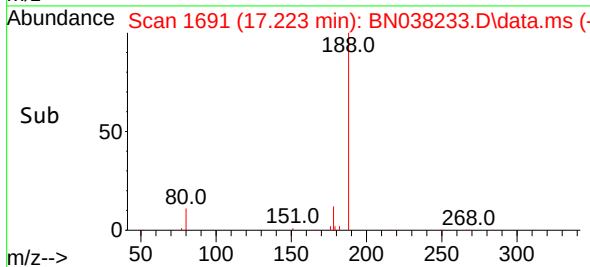
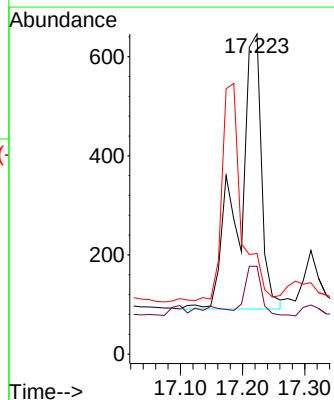
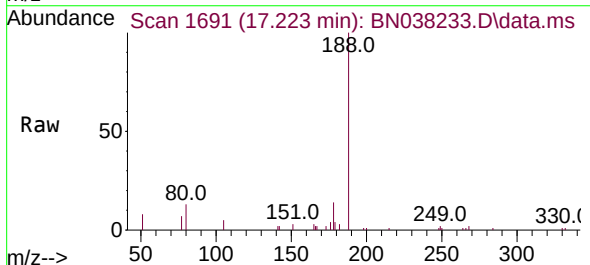
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BNA_N
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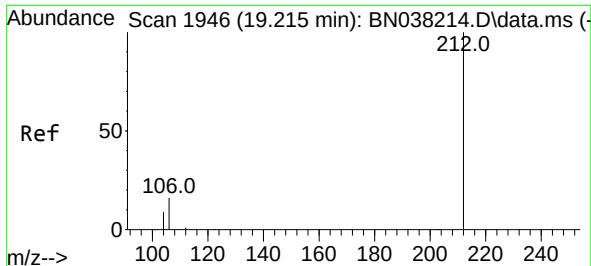
Tgt Ion:188 Resp: 957558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.7 11.5#



#25
Phenanthrene
Concen: 0.024 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:178 Resp: 1421
Ion Ratio Lower Upper
178 100
176 12.5 15.3 22.9#
179 0.0 12.0 18.0#

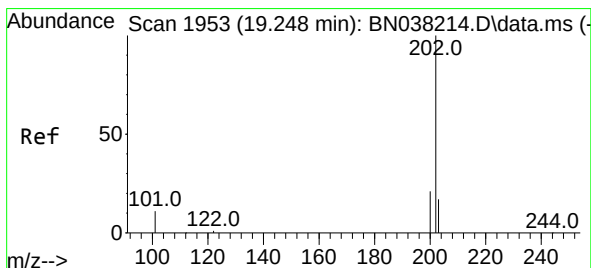
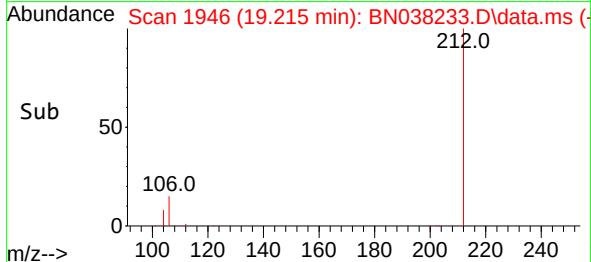
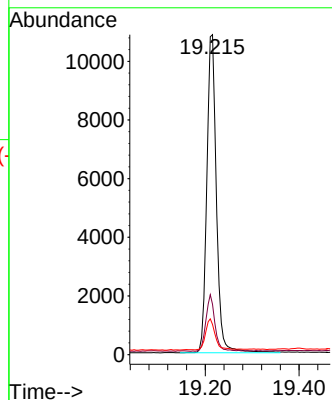
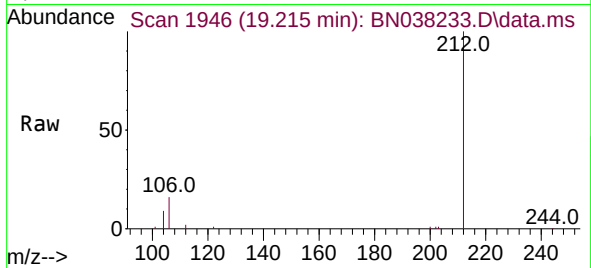




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

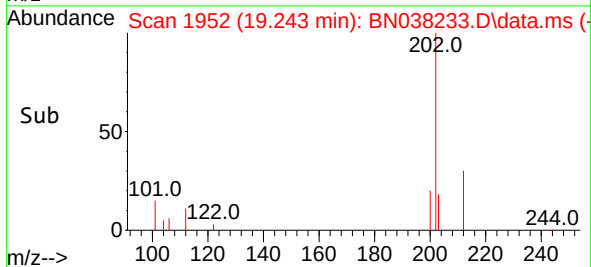
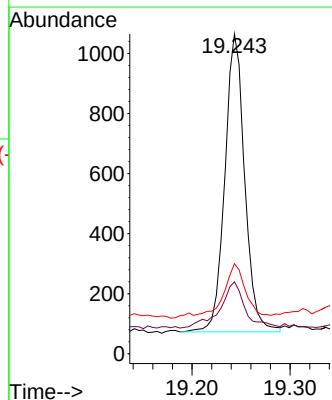
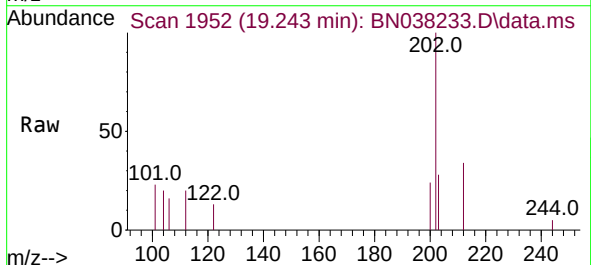
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

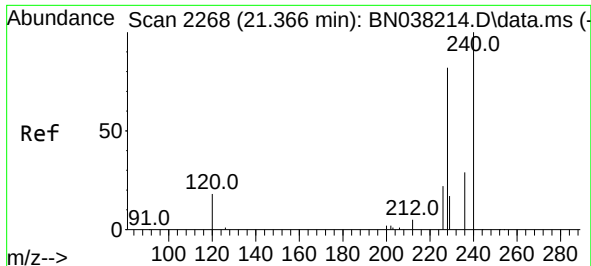
Tgt Ion:212 Resp: 15396
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 9.7 7.3 10.9



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:202 Resp: 1401
Ion Ratio Lower Upper
202 100
101 19.4 9.8 14.6#
203 17.5 13.6 20.4

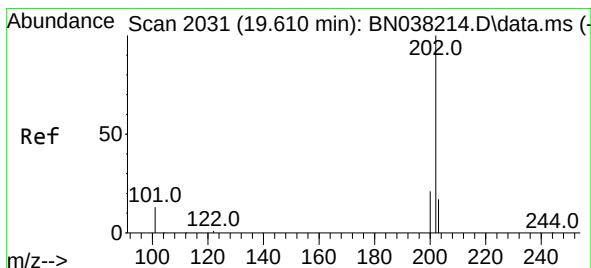
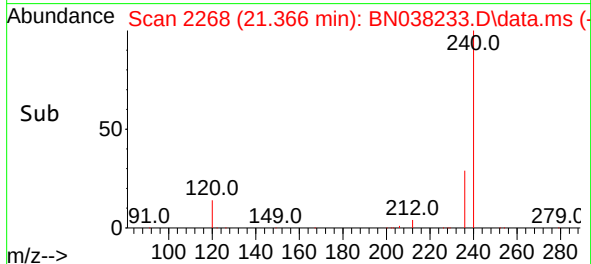
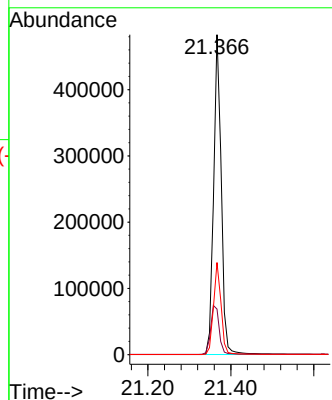
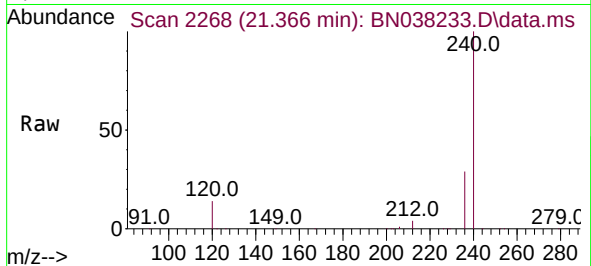




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

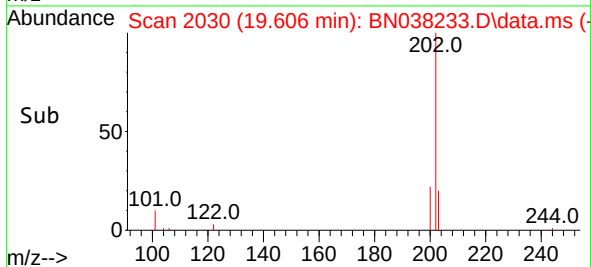
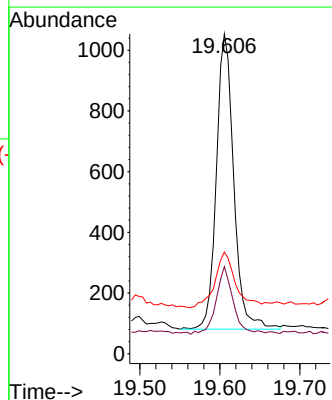
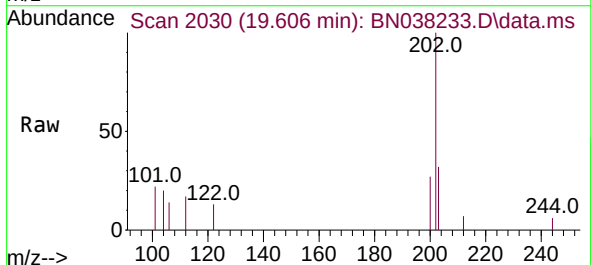
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

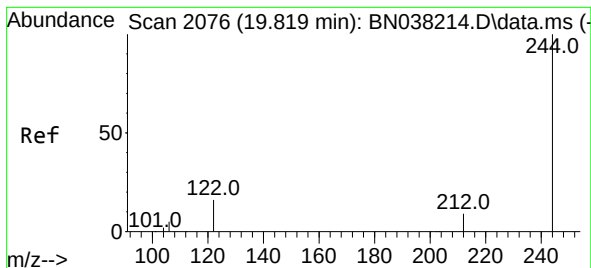
Tgt Ion:240 Resp: 619195
Ion Ratio Lower Upper
240 100
120 14.3 18.1 27.1#
236 28.8 24.2 36.4



#30
Pyrene
Concen: 0.024 ng
RT: 19.606 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:202 Resp: 1474
Ion Ratio Lower Upper
202 100
200 22.6 16.8 25.2
203 21.8 14.4 21.6#





#31

Terphenyl-d14

Concen: 0.404 ng

RT: 19.815 min Scan# 2076

Delta R.T. -0.005 min

Lab File: BN038233.D

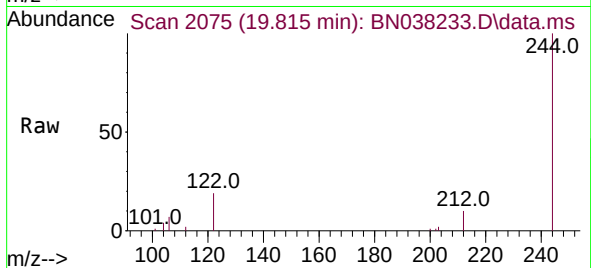
Acq: 01 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

EME-GENERAL-FILL



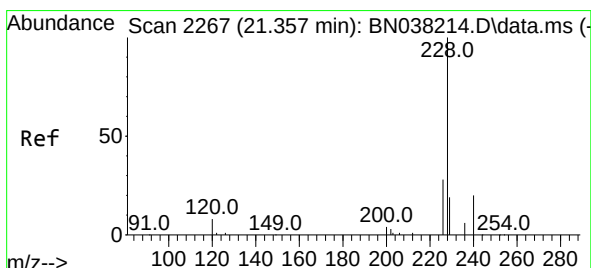
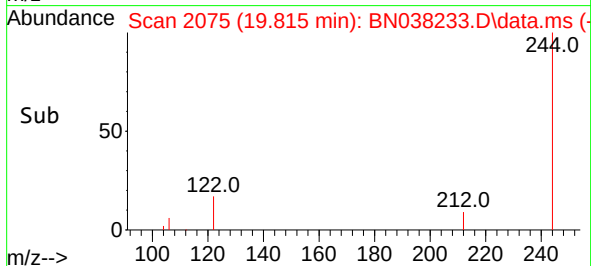
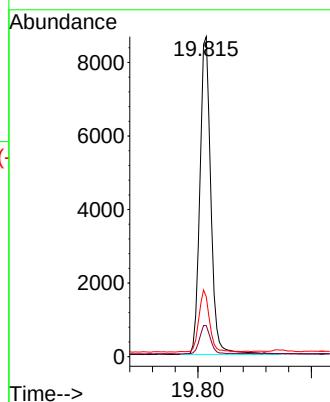
Tgt Ion:244 Resp: 11552

Ion Ratio Lower Upper

244 100

212 9.7 7.7 11.5

122 18.7 13.6 20.4



#32

Benzo(a)anthracene

Concen: 0.089 ng

RT: 21.366 min Scan# 2268

Delta R.T. 0.009 min

Lab File: BN038233.D

Acq: 01 Dec 2025 19:40

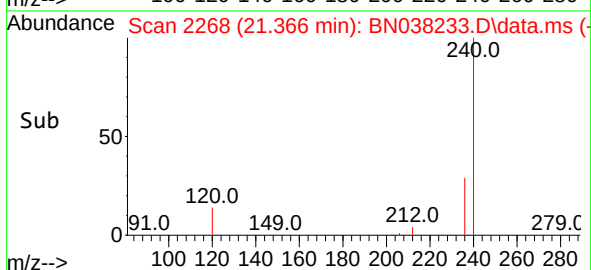
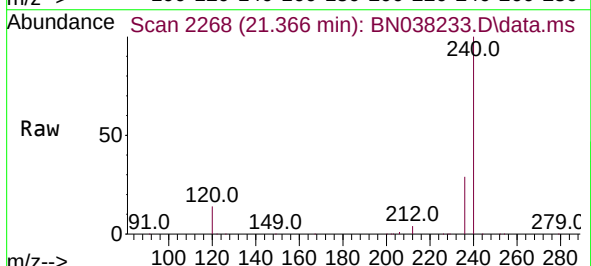
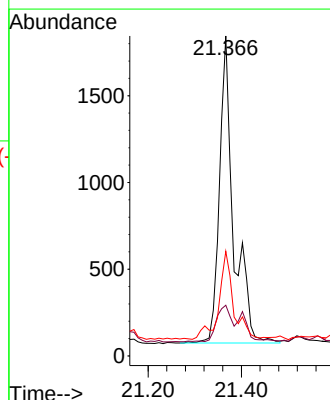
Tgt Ion:228 Resp: 3722

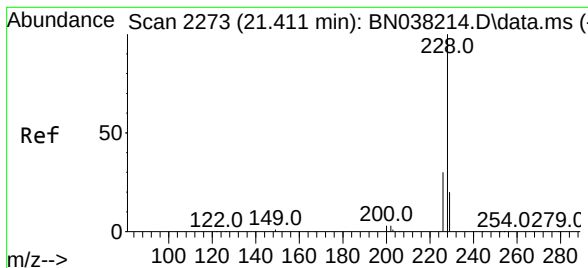
Ion Ratio Lower Upper

228 100

226 15.8 22.6 33.8#

229 32.7 15.8 23.8#





#33

Chrysene

Concen: 0.075 ng

RT: 21.366 min Scan# 21

Delta R.T. -0.045 min

Lab File: BN038233.D

Acq: 01 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

EME-GENERAL-FILL

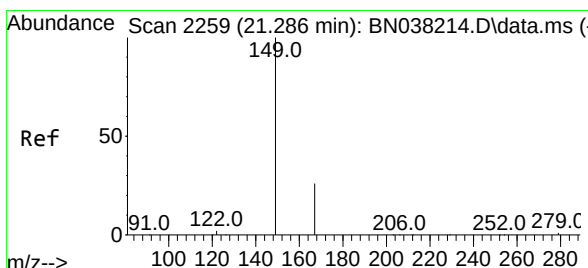
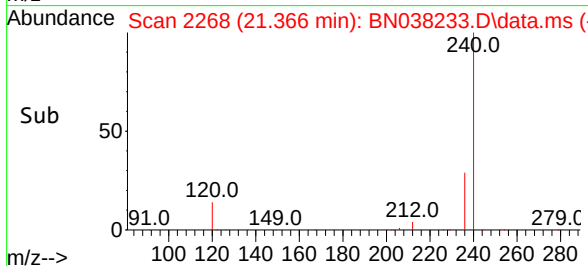
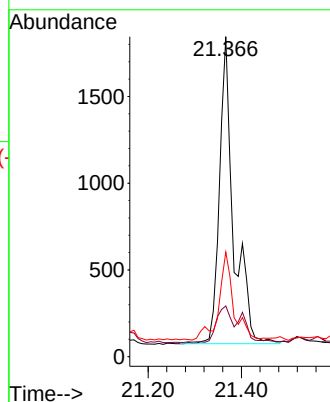
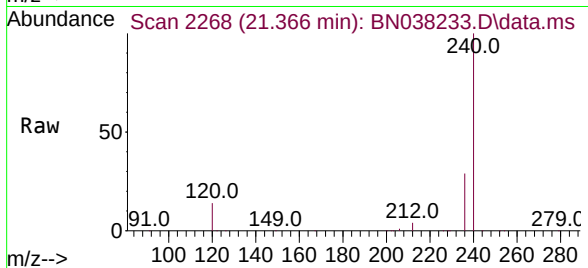
Tgt Ion:228 Resp: 3722

Ion Ratio Lower Upper

228 100

226 15.8 23.8 35.8#

229 32.7 16.1 24.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 21.286 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BN038233.D

Acq: 01 Dec 2025 19:40

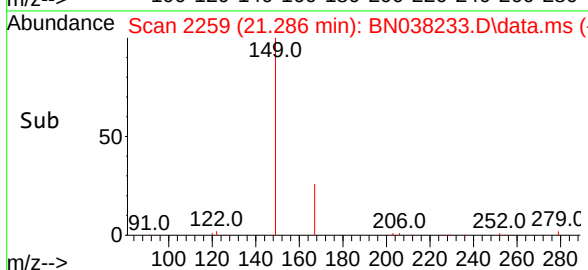
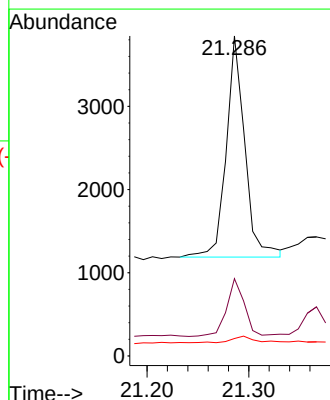
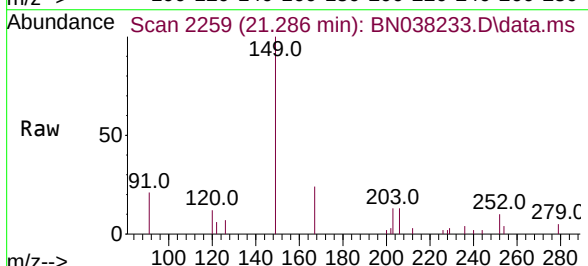
Tgt Ion:149 Resp: 3378

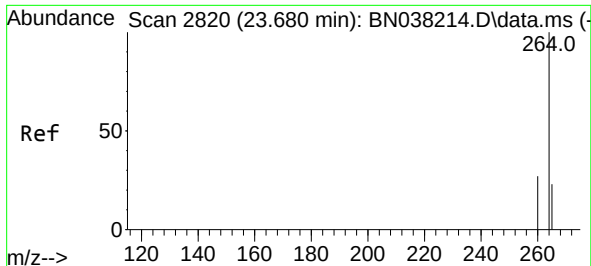
Ion Ratio Lower Upper

149 100

167 25.3 20.7 31.1

279 3.9 2.5 3.7#

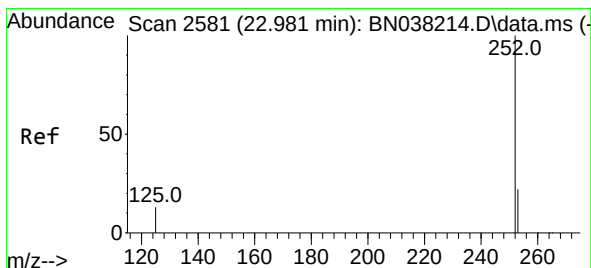
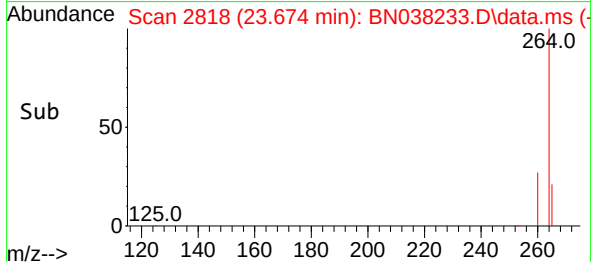
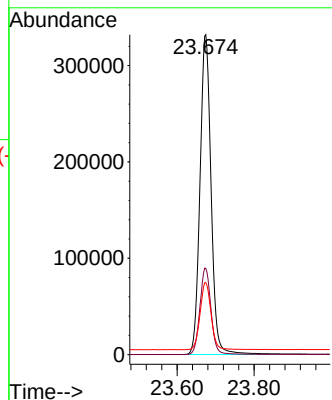
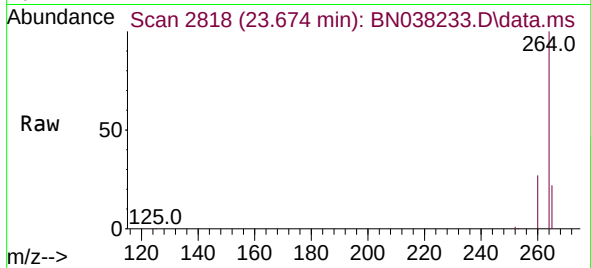




#35
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

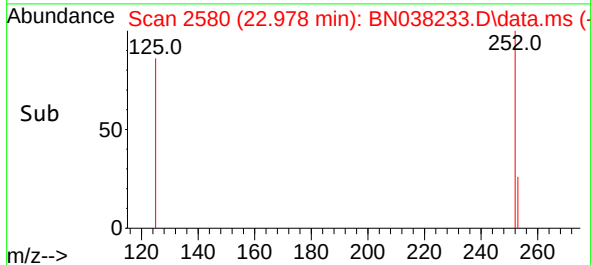
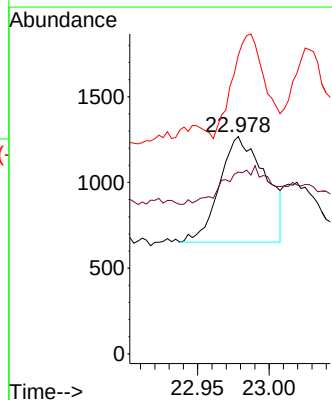
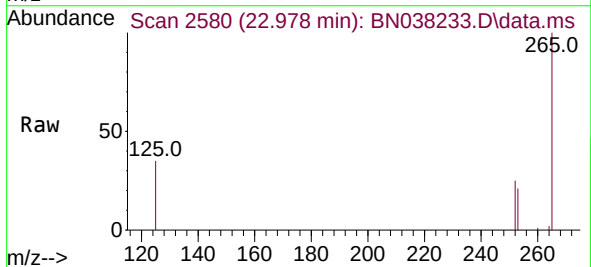
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL

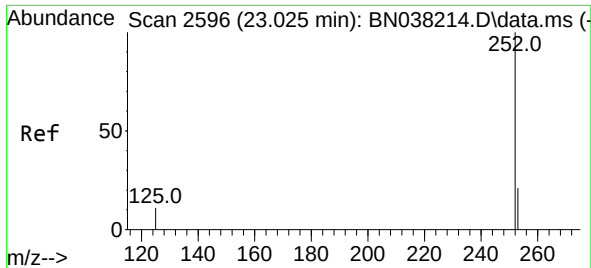
Tgt Ion:264 Resp: 661677
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 22.5 98.0 147.0#



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 22.978 min Scan# 2580
Delta R.T. -0.003 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

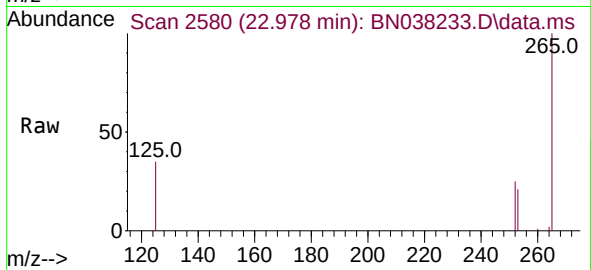
Tgt Ion:252 Resp: 1374
Ion Ratio Lower Upper
252 100
253 83.7 22.2 33.4#
125 137.5 18.0 27.0#





#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 22.978 min Scan# 21
Delta R.T. -0.047 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILL



Tgt Ion:252 Resp: 1374
Ion Ratio Lower Upper
252 100
253 83.7 22.4 33.6#
125 137.5 17.5 26.3#

