Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038413.D
Acq On : 15 Dec 2025 20:10
Operator : RC/JU
Sample : Q3839-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B02

Quant Time: Dec 15 23:57:40 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

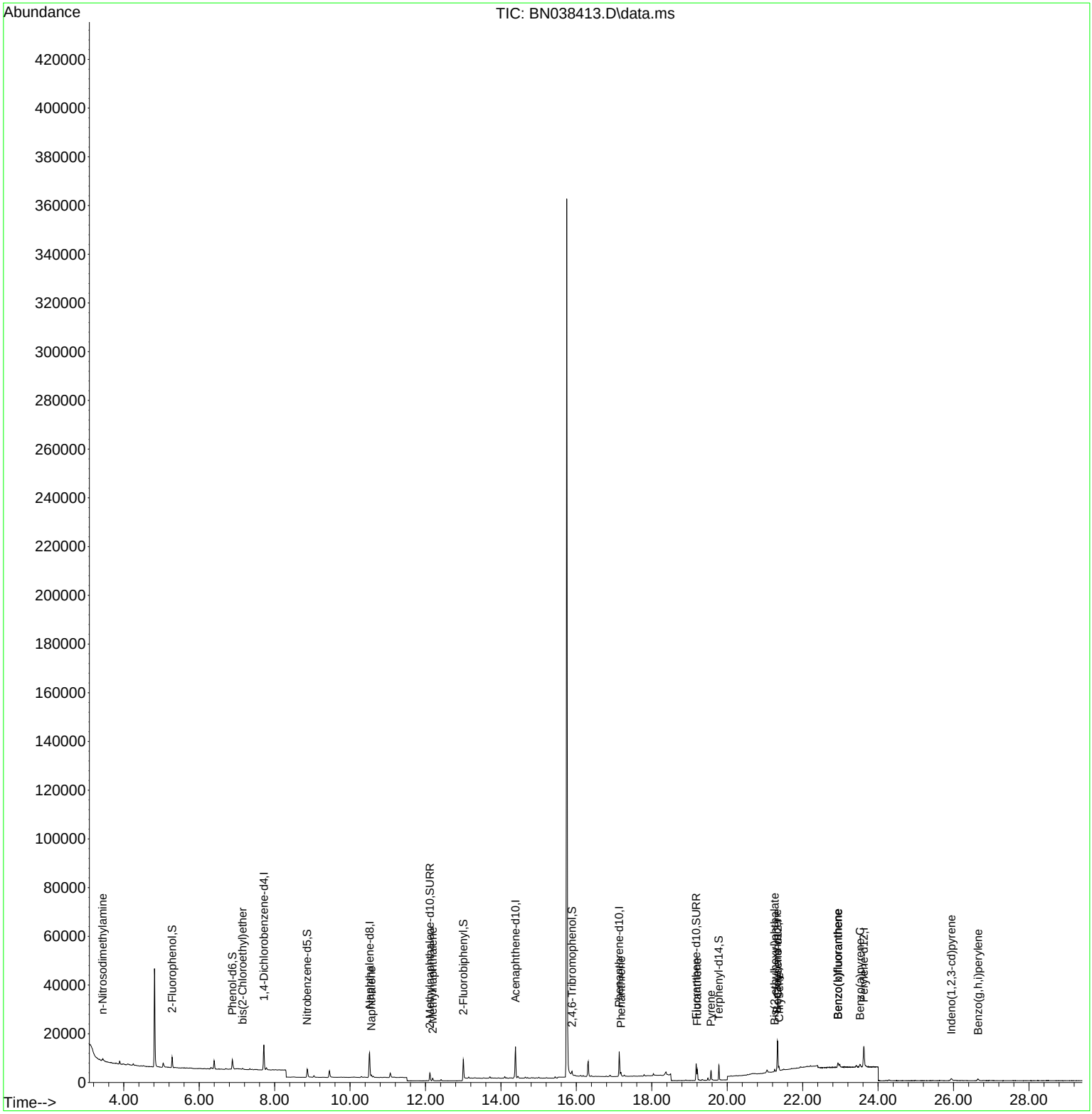
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5438	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14633	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	7504	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13610	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	11303	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	11899	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3491	0.258	ng	0.00
5) Phenol-d6	6.879	99	3947	0.245	ng	0.00
8) Nitrobenzene-d5	8.865	82	3033	0.246	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4609	0.223	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	821	0.247	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	10397	0.288	ng	0.00
27) Fluoranthene-d10	19.178	212	7478	0.222	ng	0.00
31) Terphenyl-d14	19.777	244	5736	0.227	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.442	42	443	0.057	ng	# 1
6) bis(2-Chloroethyl)ether	7.154	93	632	0.040	ng	# 27
9) Naphthalene	10.562	128	1143	0.026	ng	# 81
12) 2-Methylnaphthalene	12.192	142	831	0.030	ng	# 90
25) Phenanthrene	17.186	178	1993	0.042	ng	98
28) Fluoranthene	19.206	202	3720	0.074	ng	98
30) Pyrene	19.568	202	3522	0.063	ng	97
32) Benzo(a)anthracene	21.322	228	1680	0.038	ng	# 91
33) Chrysene	21.375	228	1818	0.038	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.259	149	945	0.039	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.940	276	1308	0.021	ng	# 84
37) Benzo(b)fluoranthene	22.935	252	2406	0.044	ng	# 5
38) Benzo(k)fluoranthene	22.935	252	2406	0.044	ng	# 5
39) Benzo(a)pyrene	23.522	252	1499	0.034	ng	# 1
41) Benzo(g,h,i)perylene	26.653	276	1338	0.025	ng	# 64

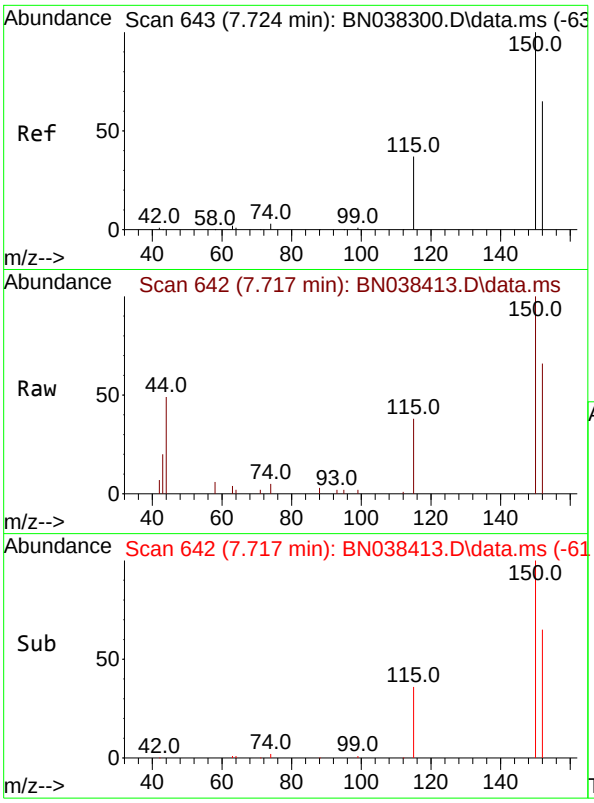
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038413.D
Acq On : 15 Dec 2025 20:10
Operator : RC/JU
Sample : Q3839-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B02

Quant Time: Dec 15 23:57:40 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



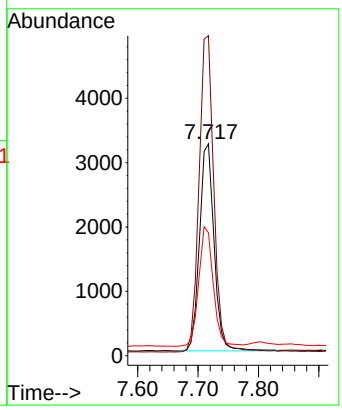


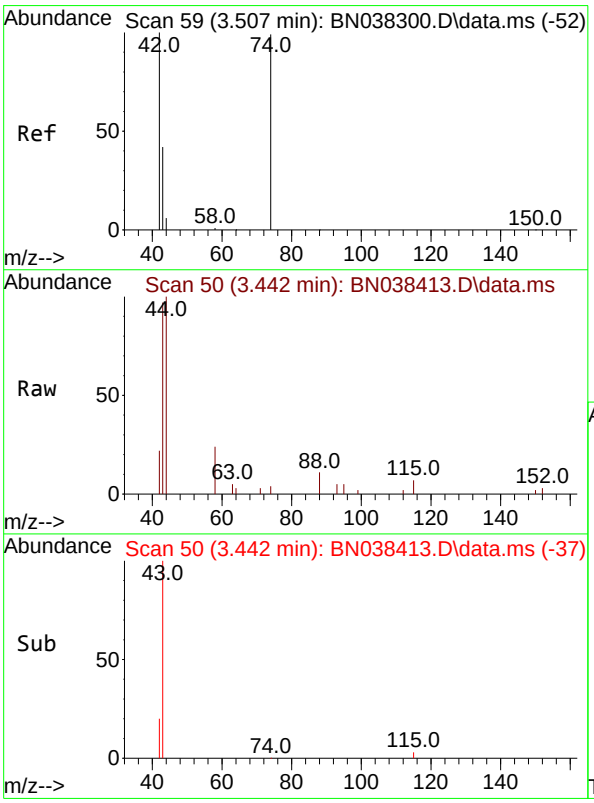
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:152 Resp: 5438

Ion	Ratio	Lower	Upper
152	100		
150	151.0	122.4	183.6
115	58.0	47.3	70.9

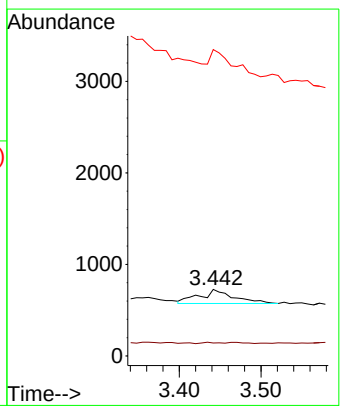


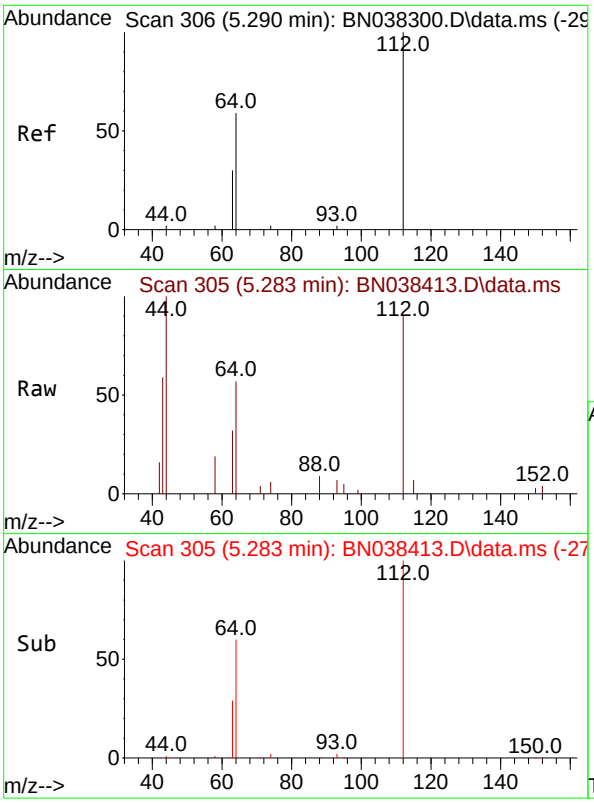


#3
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.058 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion: 42 Resp: 443

Ion	Ratio	Lower	Upper
42	100		
74	4.3	95.3	142.9#
44	116.9	7.9	11.9#



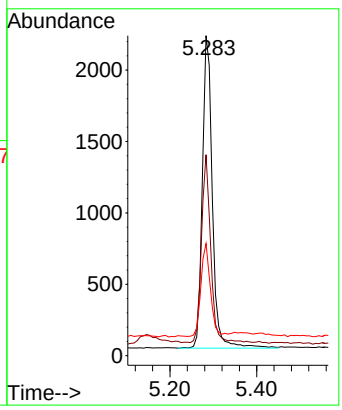


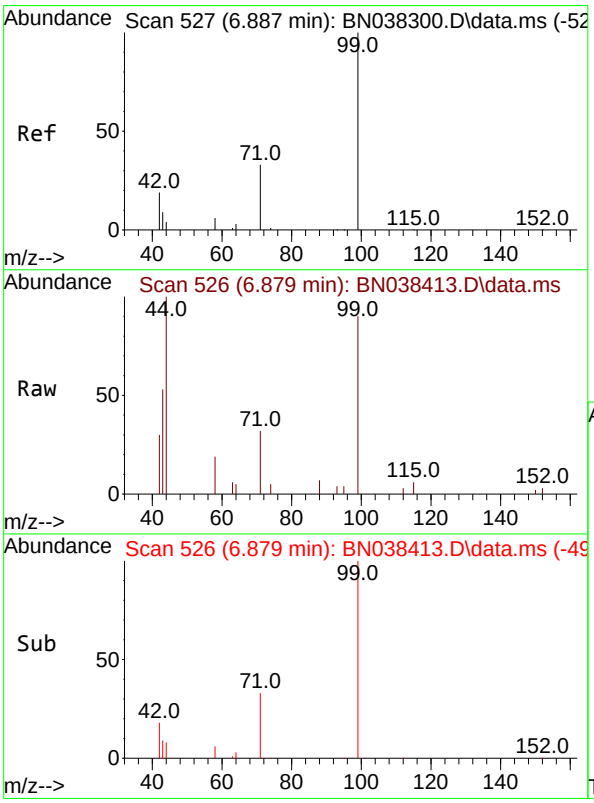
#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.283 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:112 Resp: 3491

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.4	66.6
63	28.4	23.4	35.0

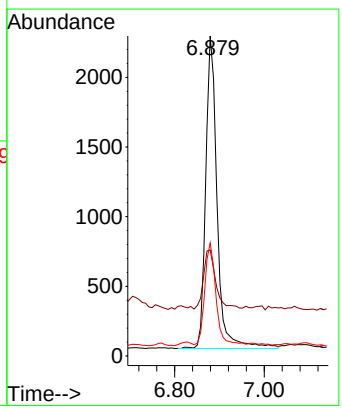


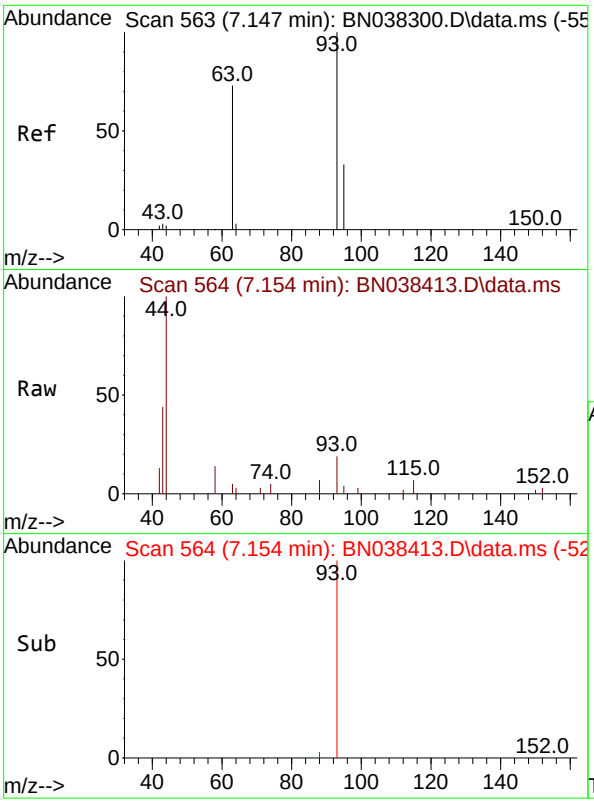


#5
Phenol-d6
Concen: 0.245 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion: 99 Resp: 3947

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	31.6	24.9	37.3



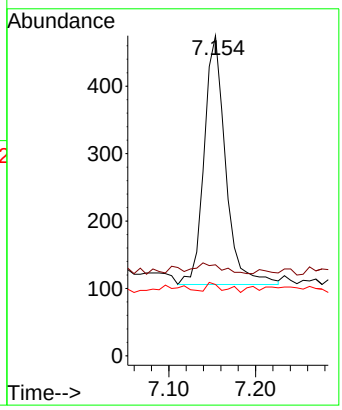


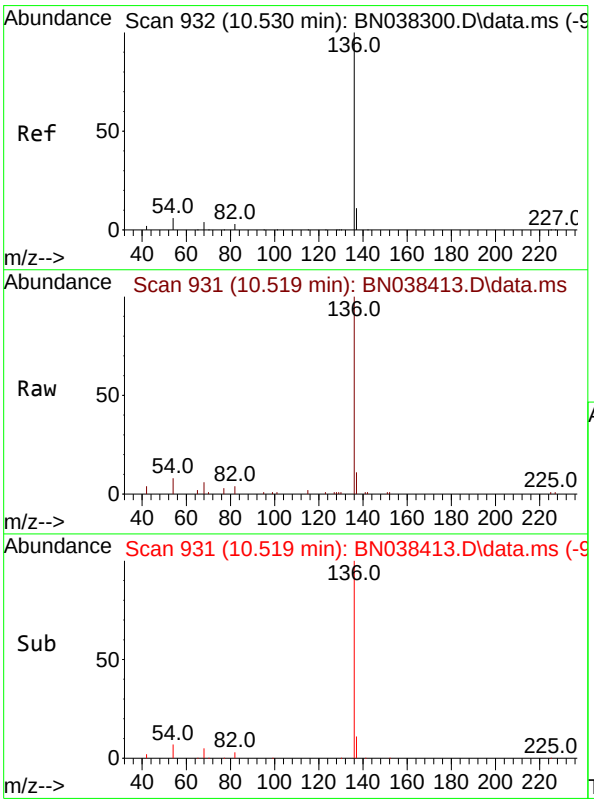
#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.154 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion: 93 Resp: 632

Ion	Ratio	Lower	Upper
93	100		
63	5.1	59.2	88.8#
95	1.9	25.2	37.8#

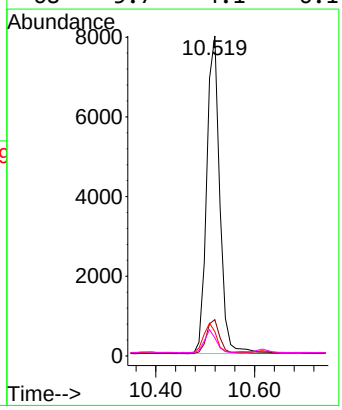


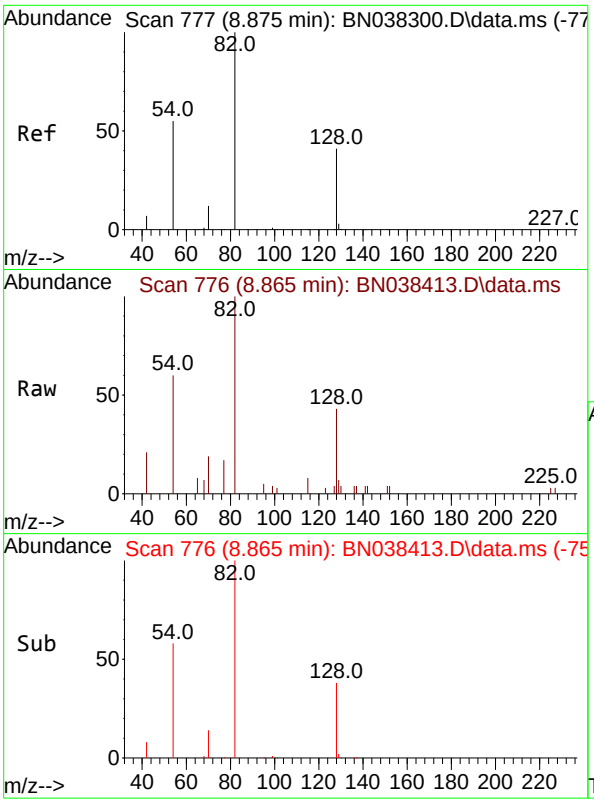


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:136 Resp: 14633

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	5.2	7.8
68	5.7	4.1	6.1



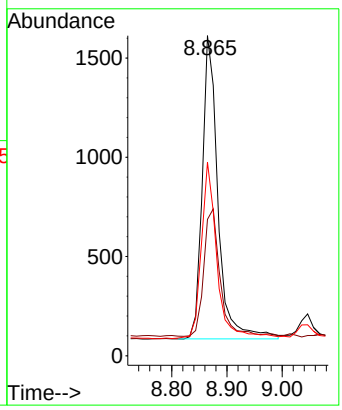


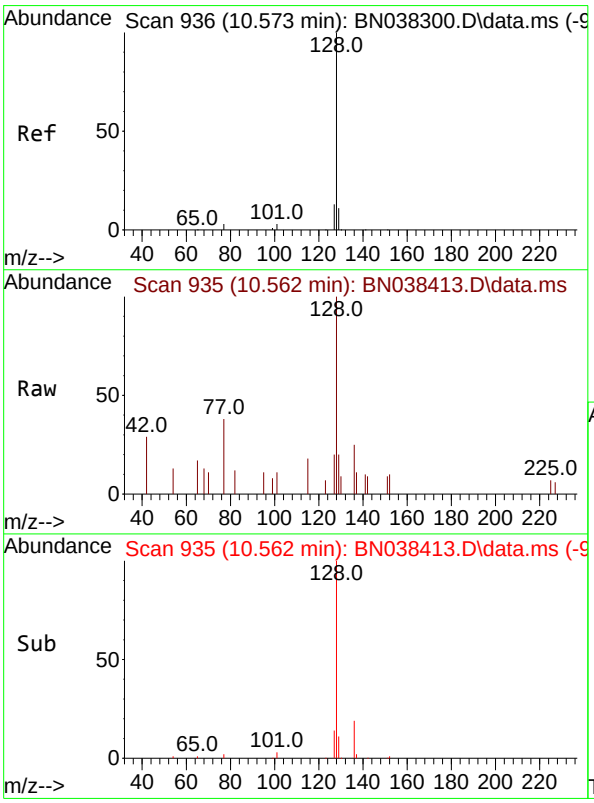
#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion: 82 Resp: 3033

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	60.4	44.4	66.6

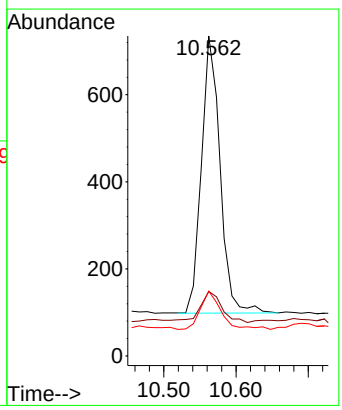


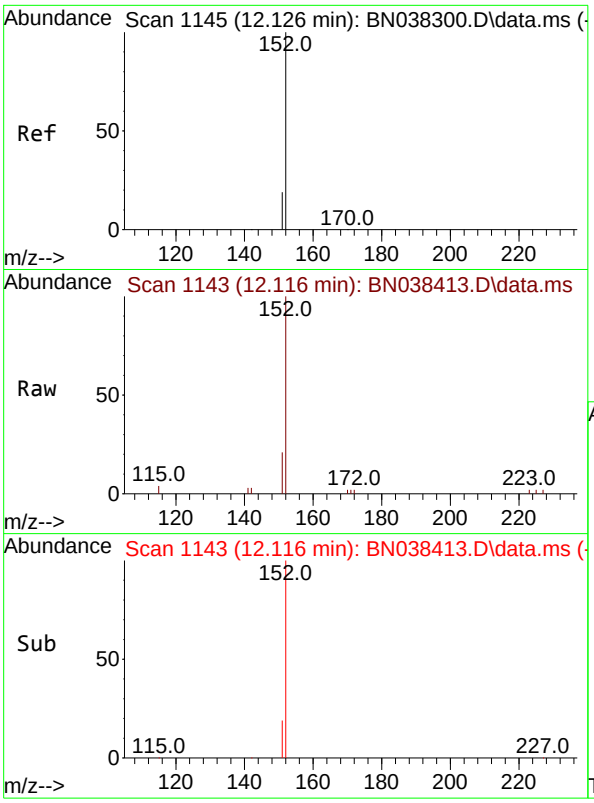


#9
Naphthalene
Concen: 0.026 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:128 Resp: 1143

Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.1	13.7#
127	20.3	10.9	16.3#



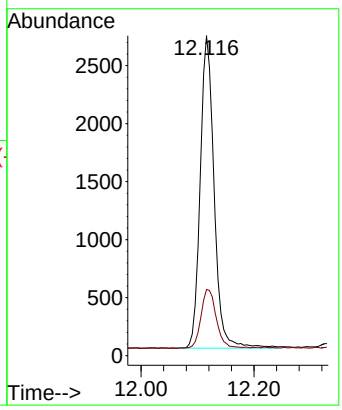


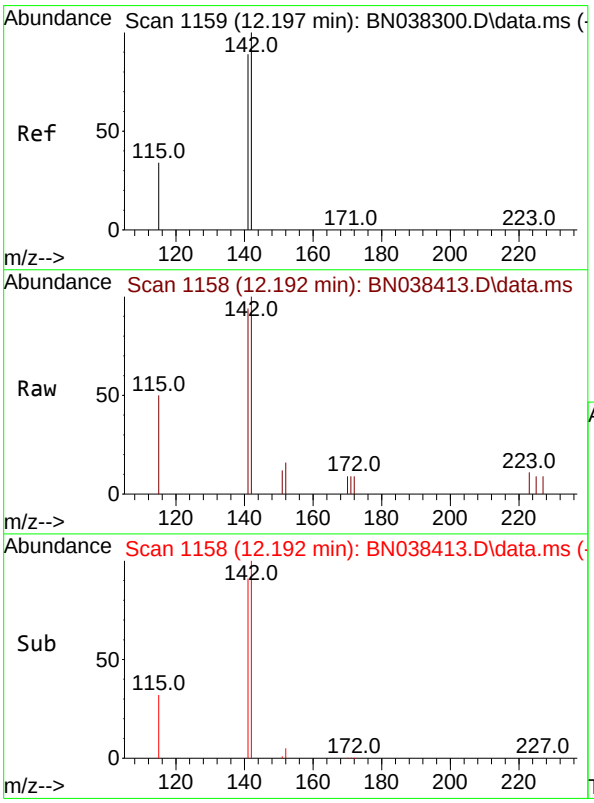
#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:152 Resp: 4609

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

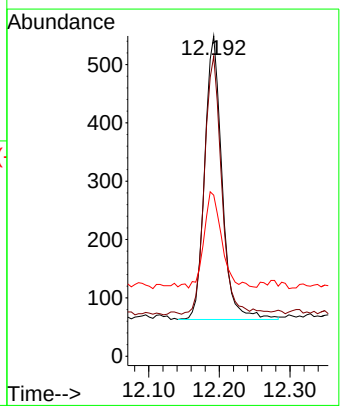


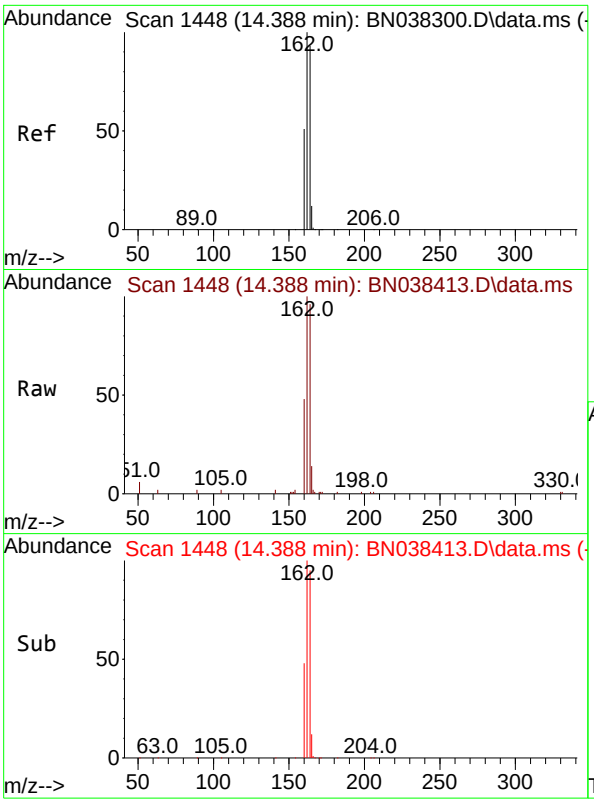


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:142 Resp: 831

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.4	107.2
115	50.3	28.4	42.6#



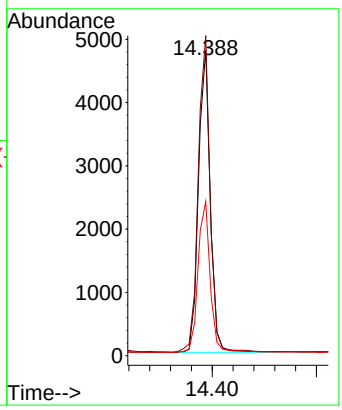


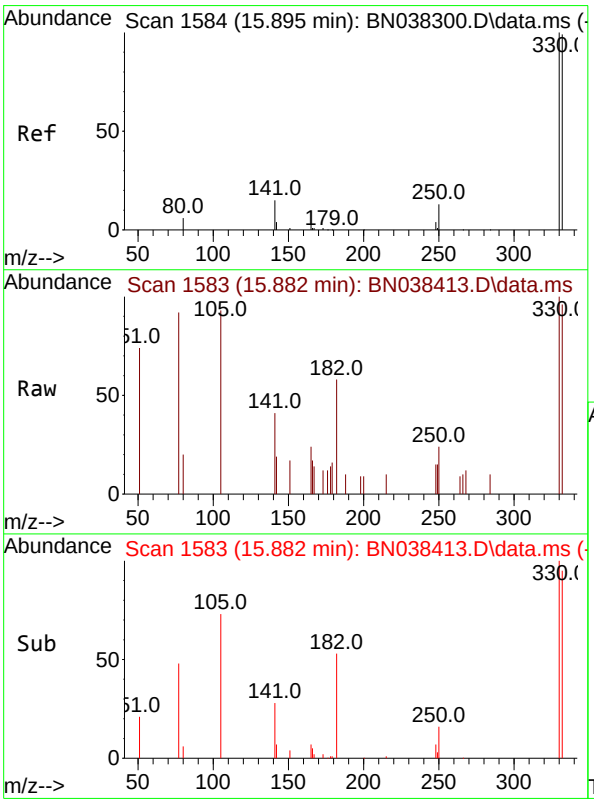
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:164 Resp: 7504

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.2	129.4
160	50.5	44.6	67.0

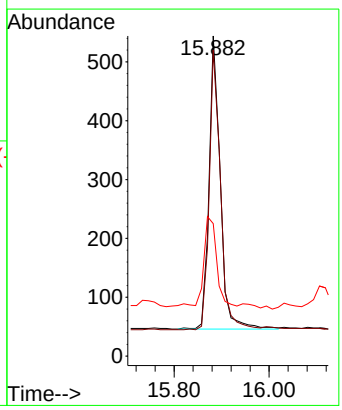


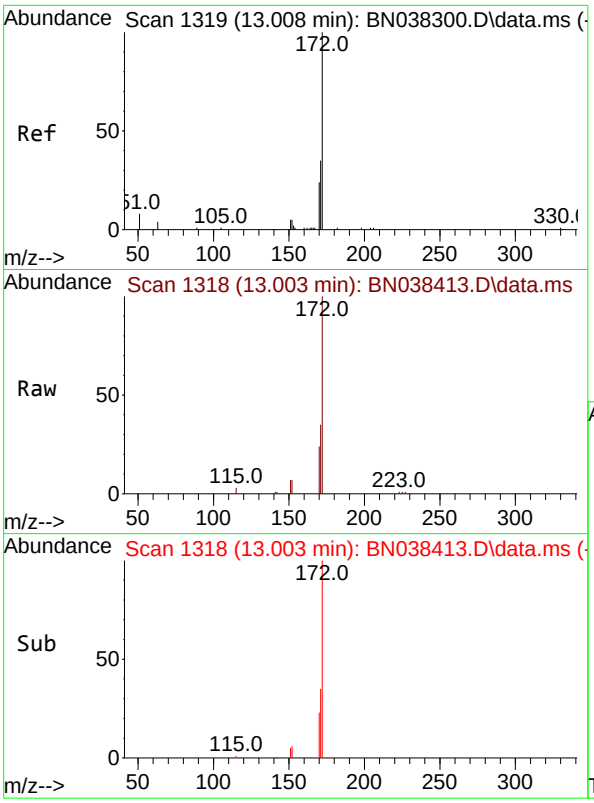


#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:330 Resp: 821

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.8	113.6
141	35.1	31.8	47.8



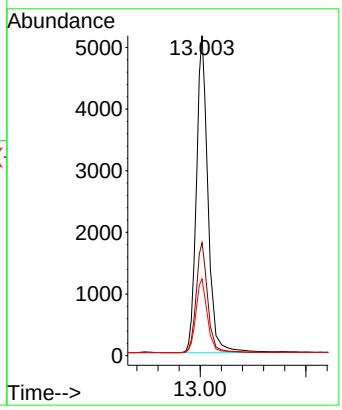


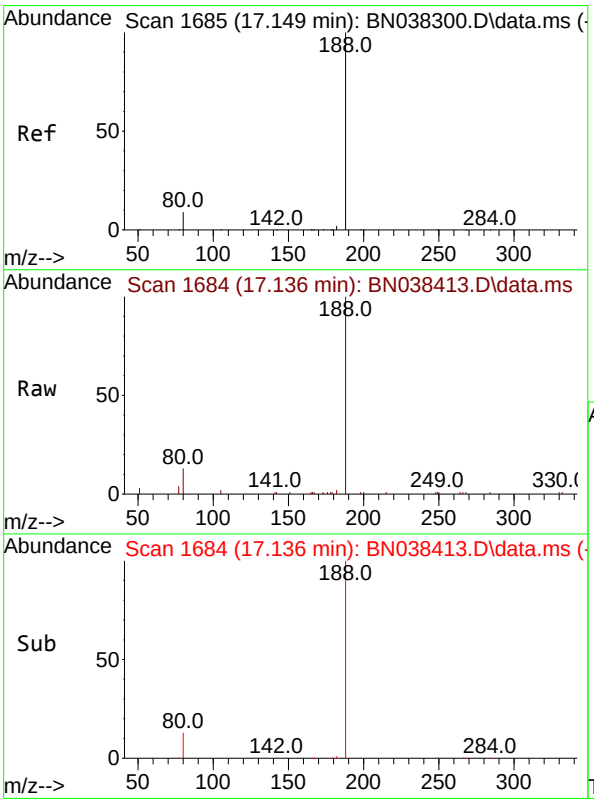
#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:172 Resp: 10397

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.9	19.3	28.9

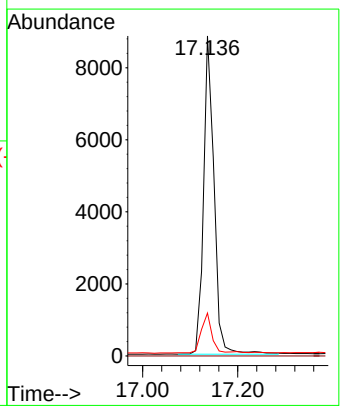


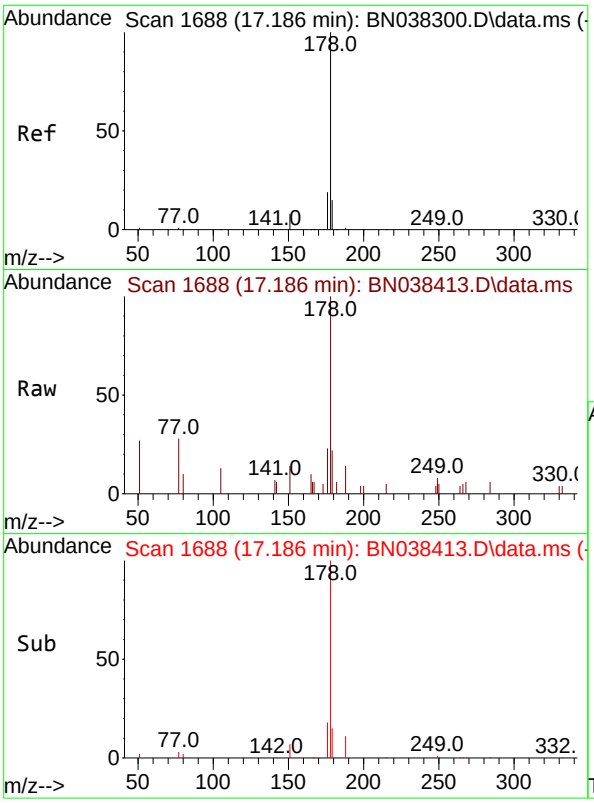


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:188 Resp: 13610

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	7.4	11.0#



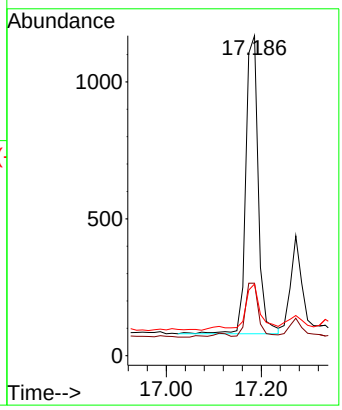


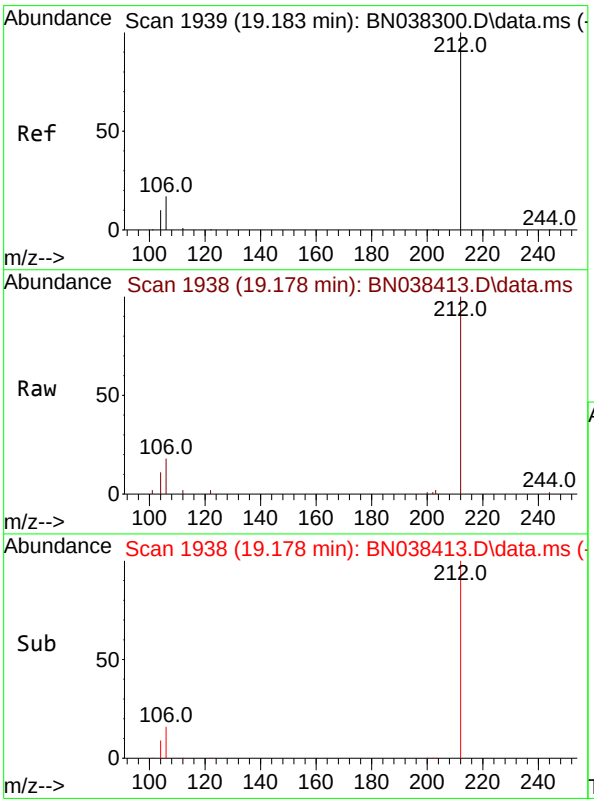
#25
Phenanthrene
Concen: 0.042 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:178 Resp: 1993

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.7	12.2	18.2

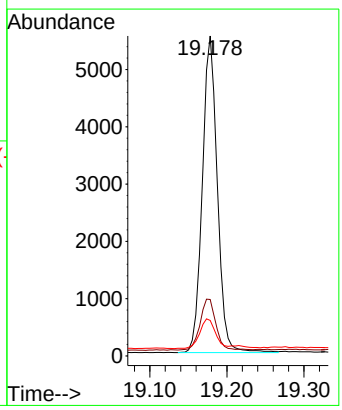


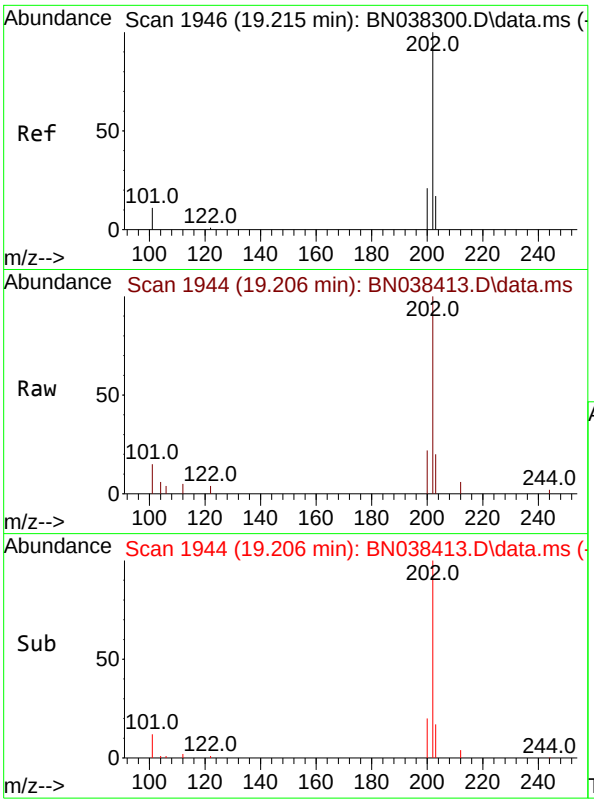


#27
Fluoranthene-d10
Concen: 0.222 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:212 Resp: 7478

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.7	20.5
104	9.8	7.8	11.8



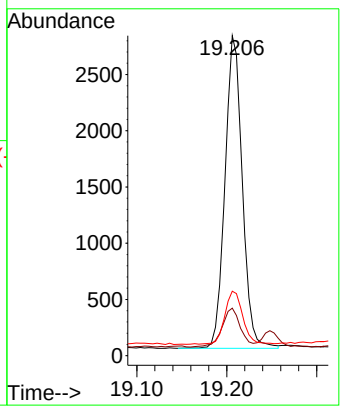


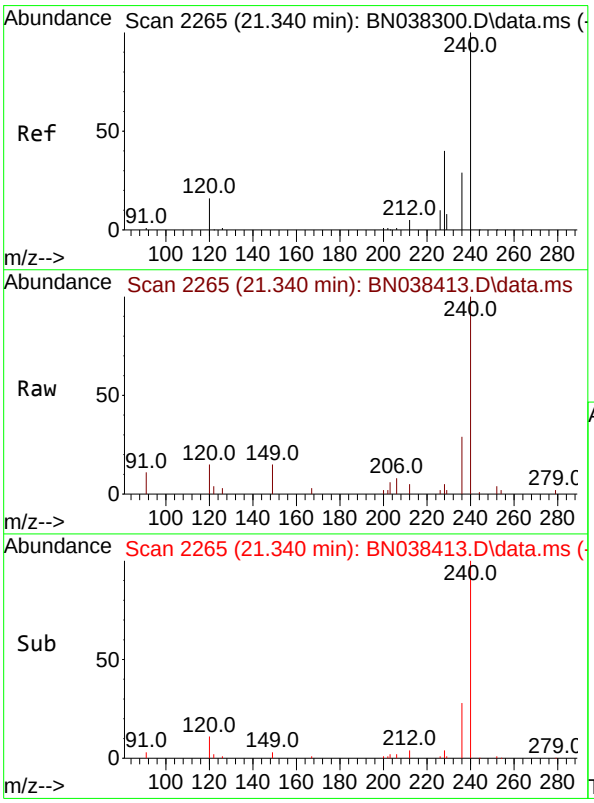
#28
Fluoranthene
Concen: 0.074 ng
RT: 19.206 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:202 Resp: 3720

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.6	14.4
203	17.7	13.5	20.3

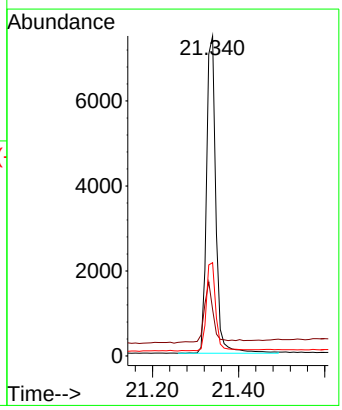


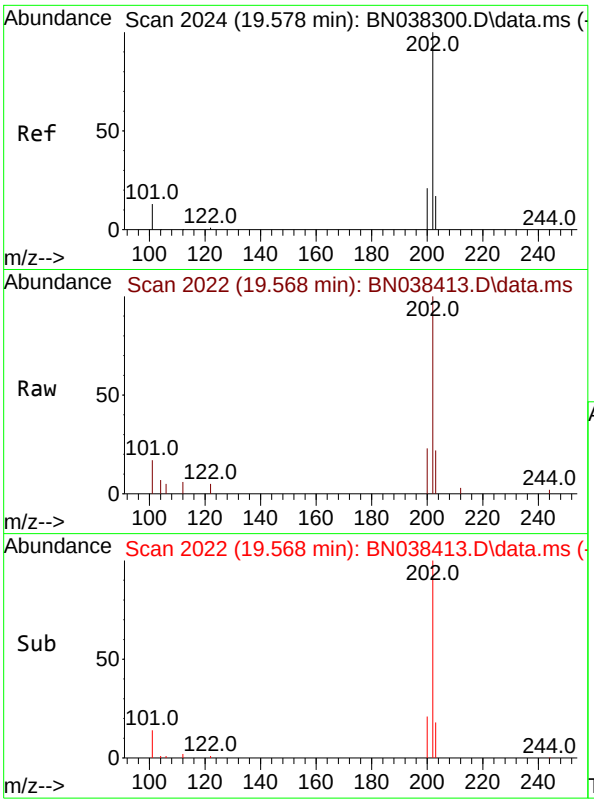


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:240 Resp: 11303

Ion	Ratio	Lower	Upper
240	100		
120	14.5	15.4	23.2#
236	29.2	23.9	35.9



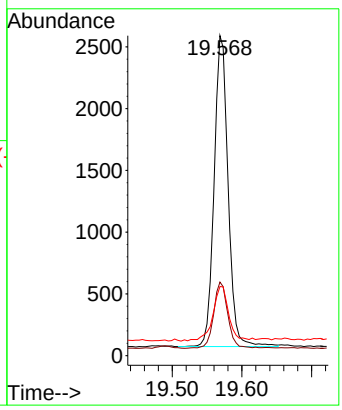


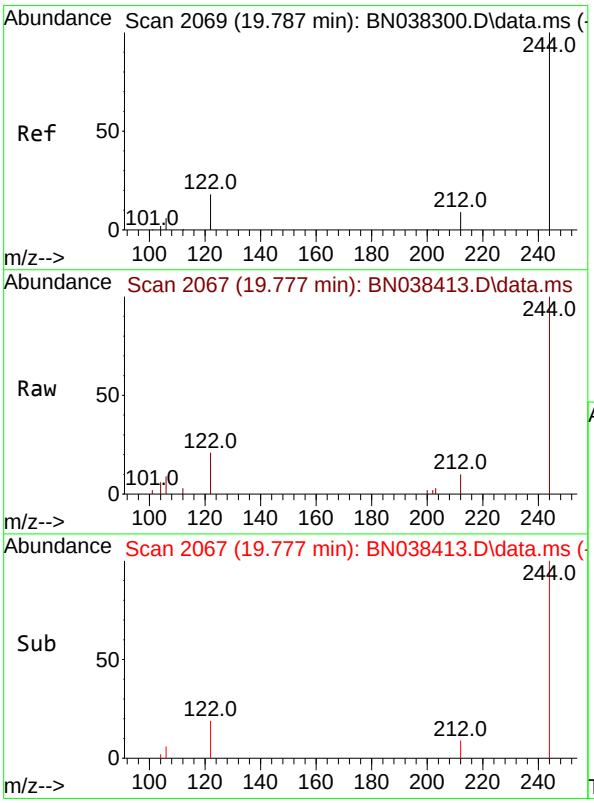
#30
Pyrene
Concen: 0.063 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:202 Resp: 3522

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	19.9	14.2	21.2

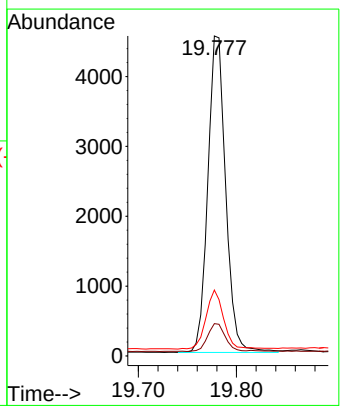


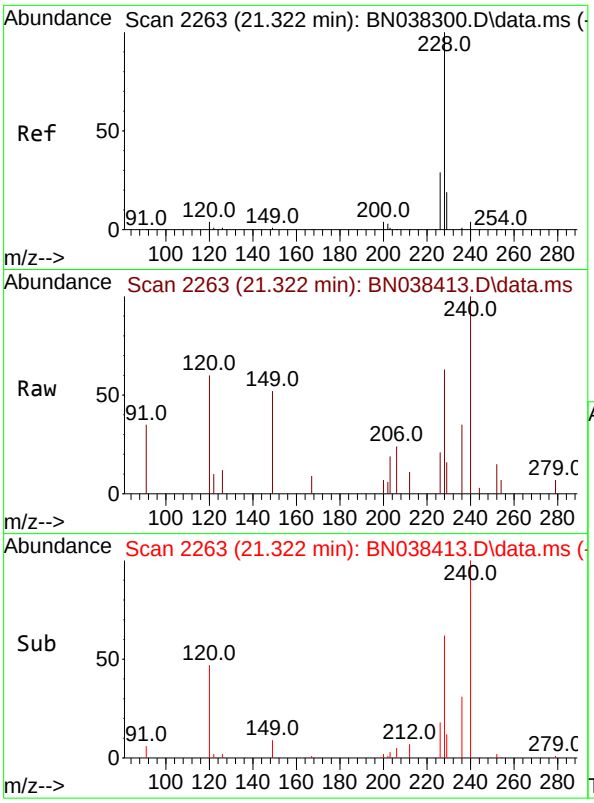


#31
Terphenyl-d14
Concen: 0.227 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:244 Resp: 5736

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.9	11.9
122	20.6	15.0	22.6



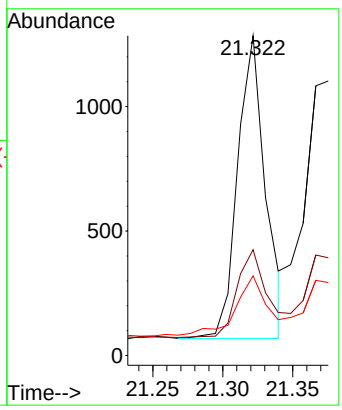


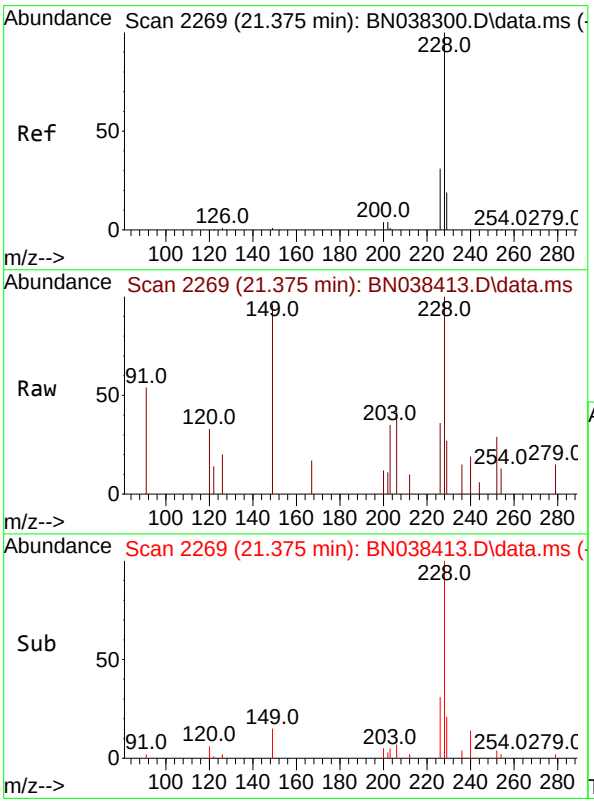
#32
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:228 Resp: 1680

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.3	34.9
229	24.9	15.7	23.5#

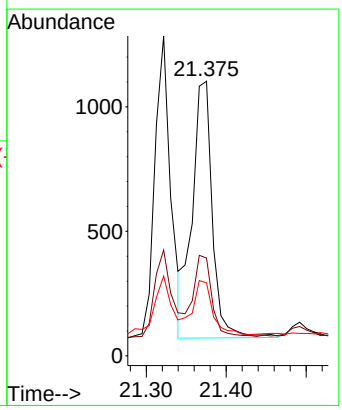


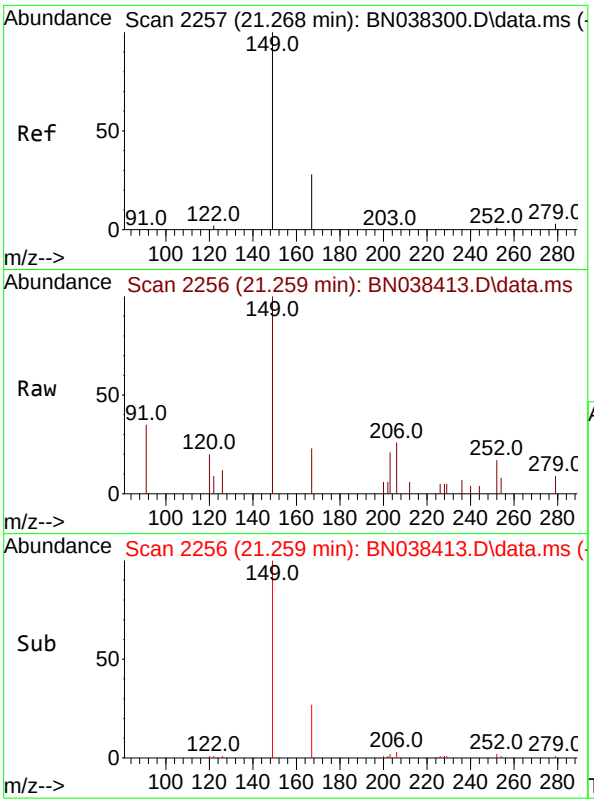


#33
Chrysene
Concen: 0.038 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:228 Resp: 1818

Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.0	37.4
229	26.6	15.5	23.3#



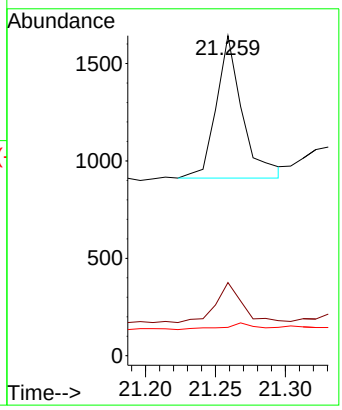


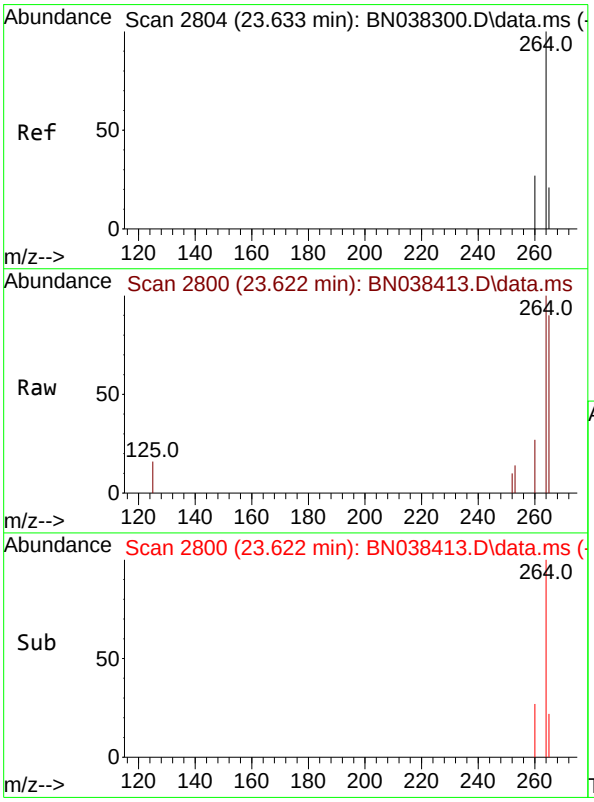
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:149 Resp: 945

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.4	32.0
279	5.5	2.4	3.6#

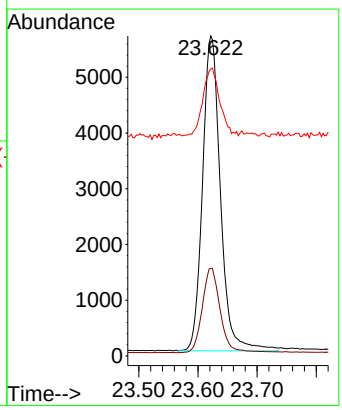


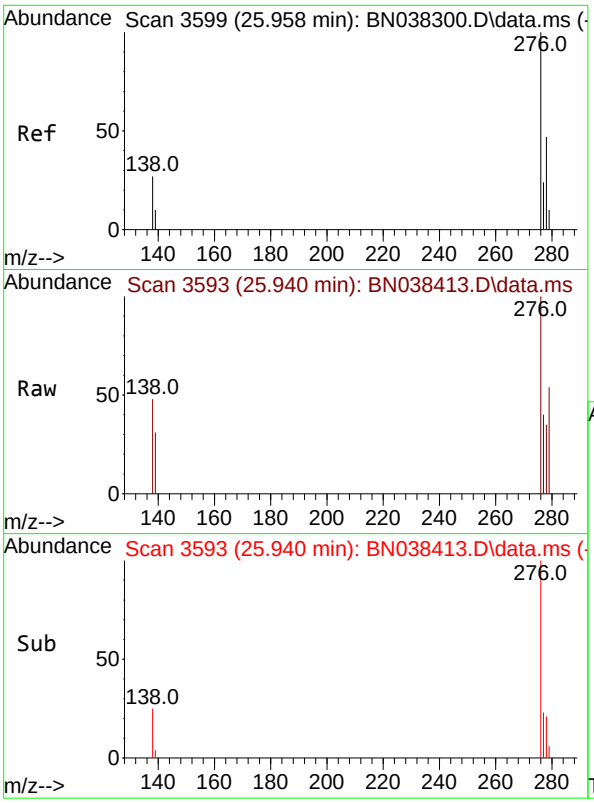


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:264 Resp: 11899

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.2	33.2
265	89.7	80.2	120.2



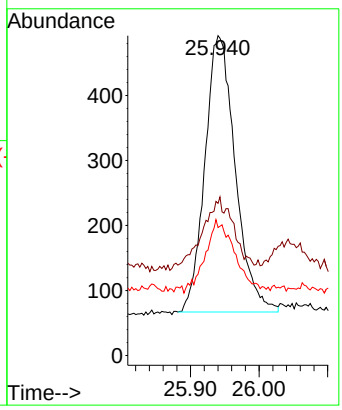


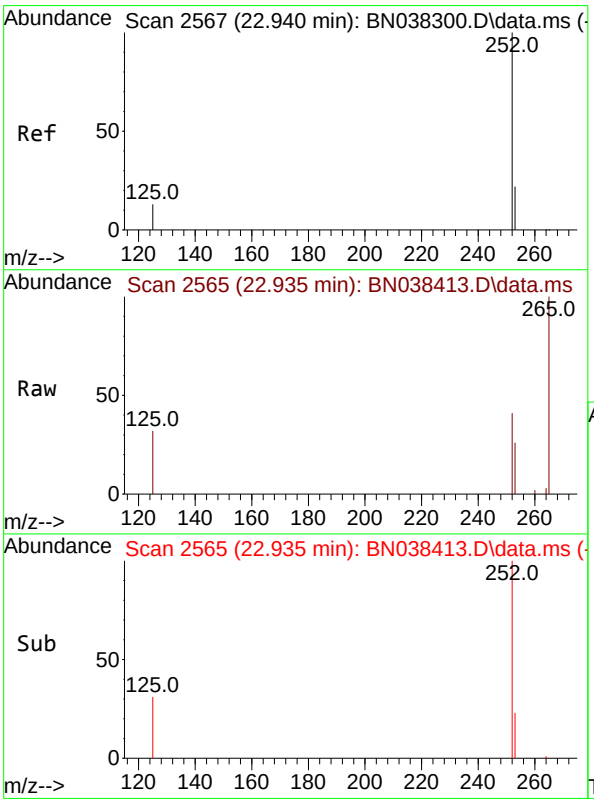
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.940 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:276 Resp: 1308

Ion	Ratio	Lower	Upper
276	100		
138	15.1	23.6	35.4#
277	26.1	19.7	29.5

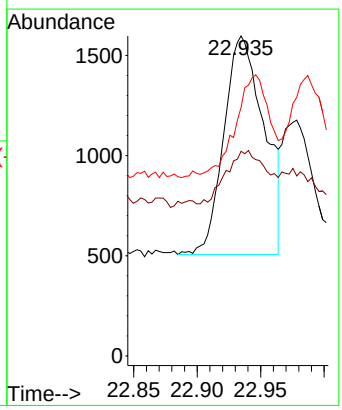


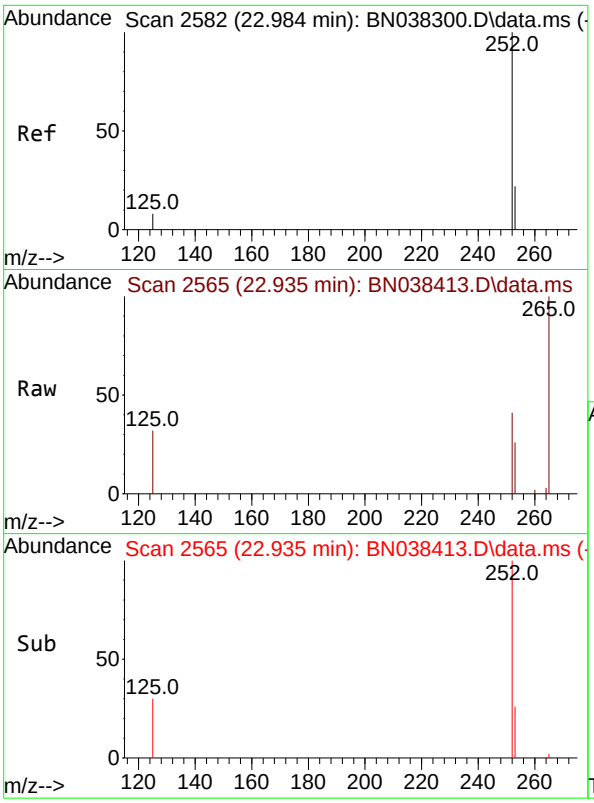


#37
Benzo(b)fluoranthene
Concen: 0.044 ng
RT: 22.935 min Scan# 2565
Delta R.T. -0.012 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:252 Resp: 2406

Ion	Ratio	Lower	Upper
252	100		
253	63.9	21.1	31.7#
125	77.7	16.4	24.6#



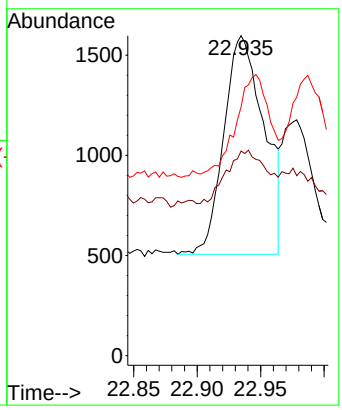


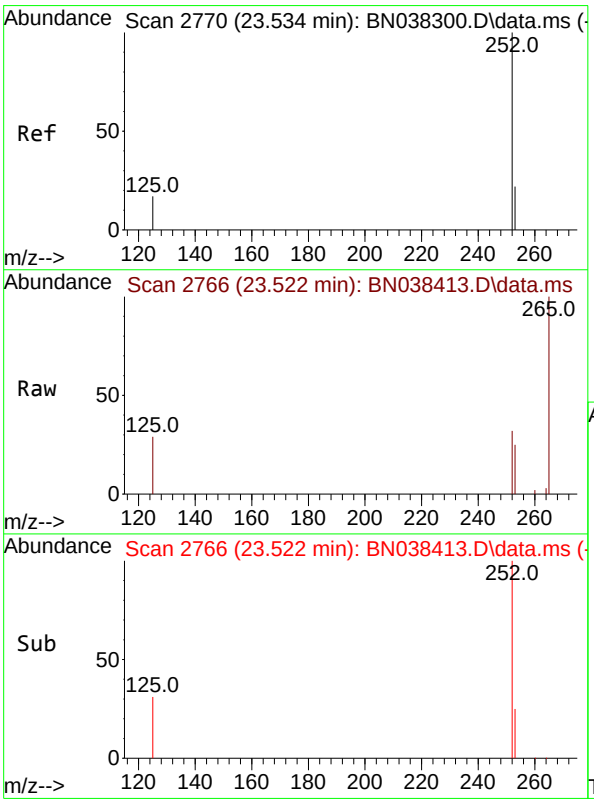
#38
Benzo(k)fluoranthene
Concen: 0.044 ng
RT: 22.935 min Scan# 2
Delta R.T. -0.056 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:252 Resp: 2406

Ion	Ratio	Lower	Upper
252	100		
253	63.9	21.4	32.0#
125	77.7	16.2	24.2#

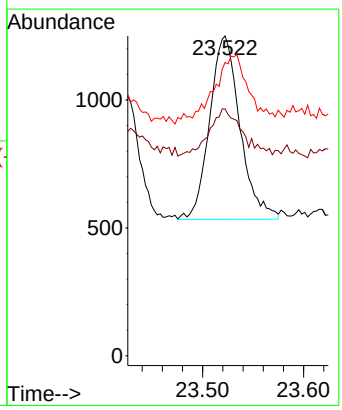


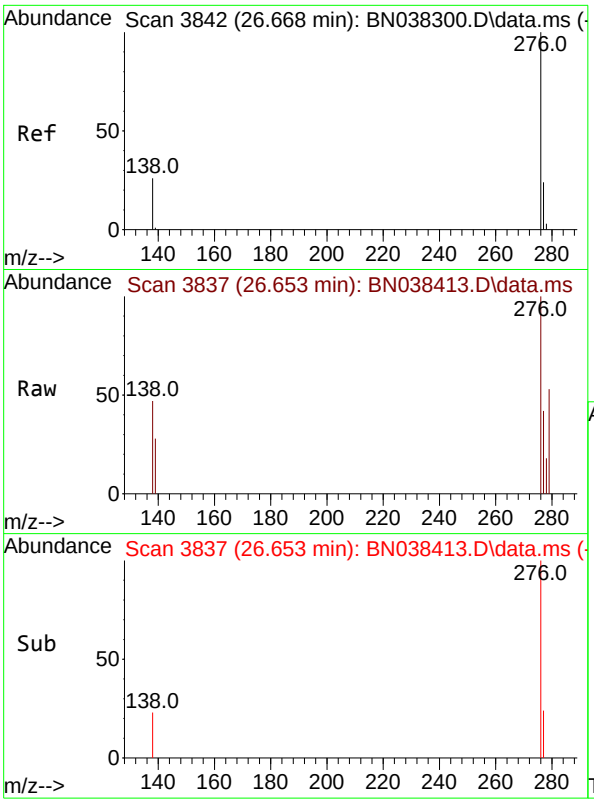


#39
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.012 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Tgt Ion:252 Resp: 1499

Ion	Ratio	Lower	Upper
252	100		
253	77.2	23.3	34.9#
125	91.7	22.4	33.6#





#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.653 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN038413.D
Acq: 15 Dec 2025 20:10

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:276 Resp: 1338

Ion	Ratio	Lower	Upper
276	100		
277	41.8	20.0	30.0#
138	47.3	21.8	32.6#