Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038168.D
Acq On : 08 Nov 2025 00:07
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-1

Quant Time: Nov 08 03:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7465	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	23044	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12718	0.400	ng	0.00
19) Phenanthrene-d10	17.185	188	20516	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12475	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	12586	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3252	0.185	ng	0.00
5) Phenol-d6	6.944	99	2594	0.121	ng	0.00
8) Nitrobenzene-d5	8.928	82	5623	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	9042	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1284	0.245	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	17785	0.349	ng	0.00
27) Fluoranthene-d10	19.224	212	15695	0.303	ng	0.00
31) Terphenyl-d14	19.819	244	15454	0.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	244	0.032	ng	# 82
3) n-Nitrosodimethylamine	3.550	42	223	0.022	ng	# 1
9) Naphthalene	10.626	128	6391	0.101	ng	97
12) 2-Methylnaphthalene	12.247	142	1632	0.039	ng	# 95
18) Fluorene	15.488	166	1417	0.027	ng	96
20) 4,6-Dinitro-2-methylph...	15.584	198	26	0.190	ng	# 1
21) 4-Bromophenyl-phenylether	16.379	248	378	0.028	ng	# 82
22) Hexachlorobenzene	16.503	284	489	0.032	ng	# 90
26) Anthracene	17.322	178	1391	0.024	ng	98
28) Fluoranthene	19.252	202	1600	0.022	ng	96
30) Pyrene	19.615	202	1451	0.026	ng	97
32) Benzo(a)anthracene	21.357	228	1048	0.024	ng	# 85
33) Chrysene	21.411	228	1315	0.027	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.294	149	3395	0.145	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.042	276	1621	0.031	ng	# 80
37) Benzo(b)fluoranthene	22.987	252	1407	0.026	ng	# 1
38) Benzo(k)fluoranthene	23.034	252	1294	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.057	278	1028	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.758	276	1300	0.029	ng	# 44

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

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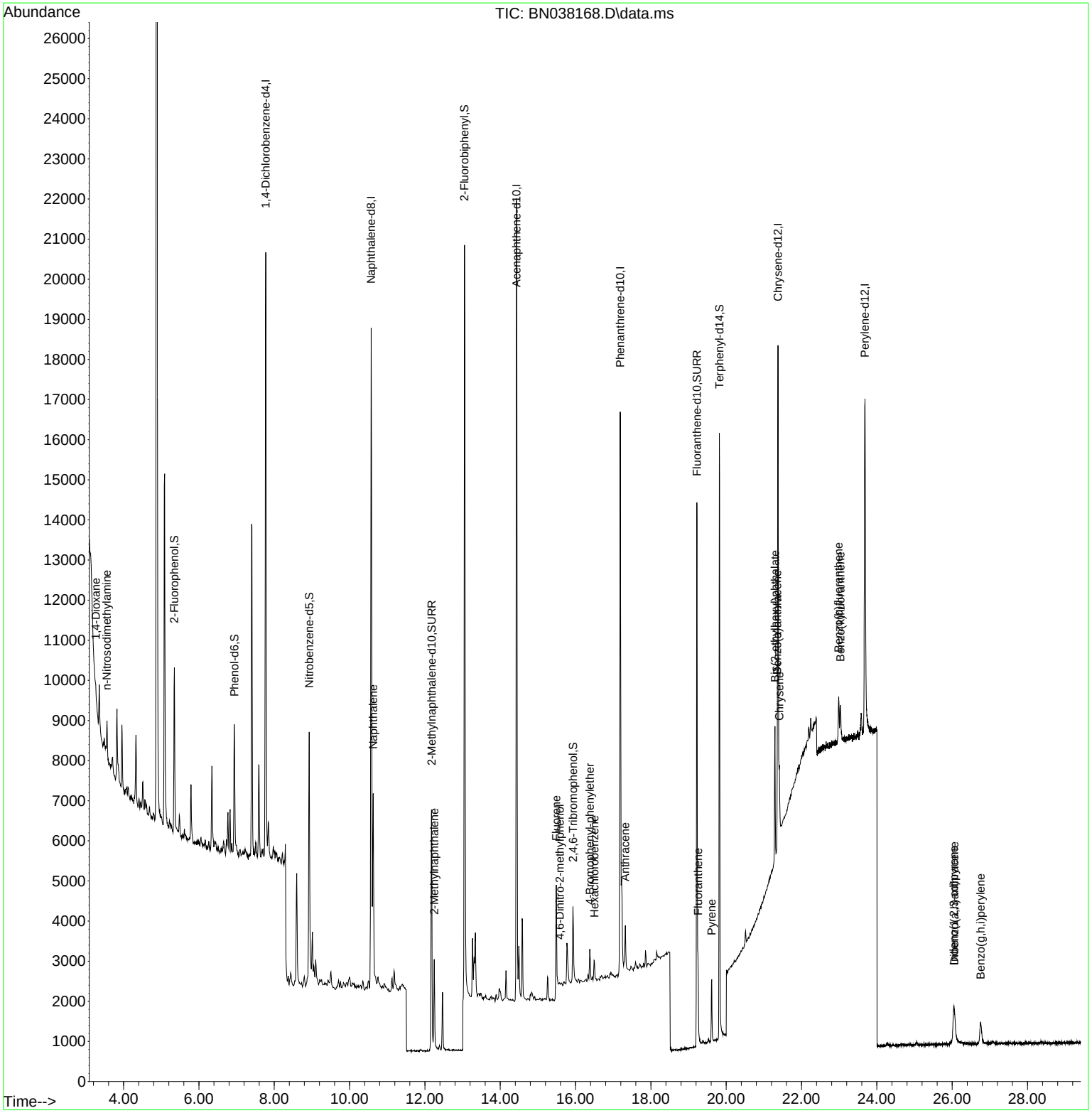
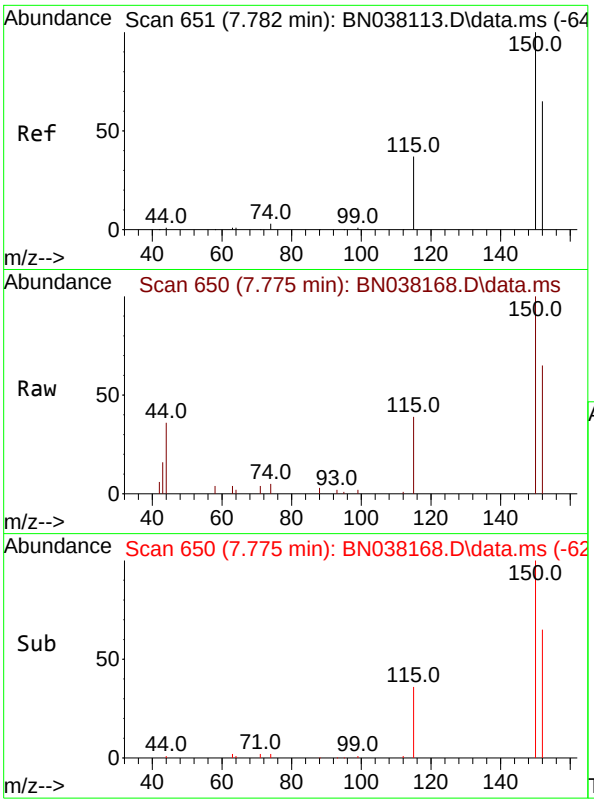


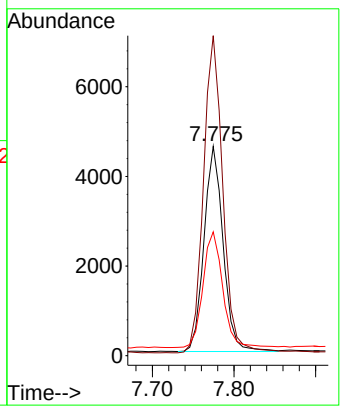


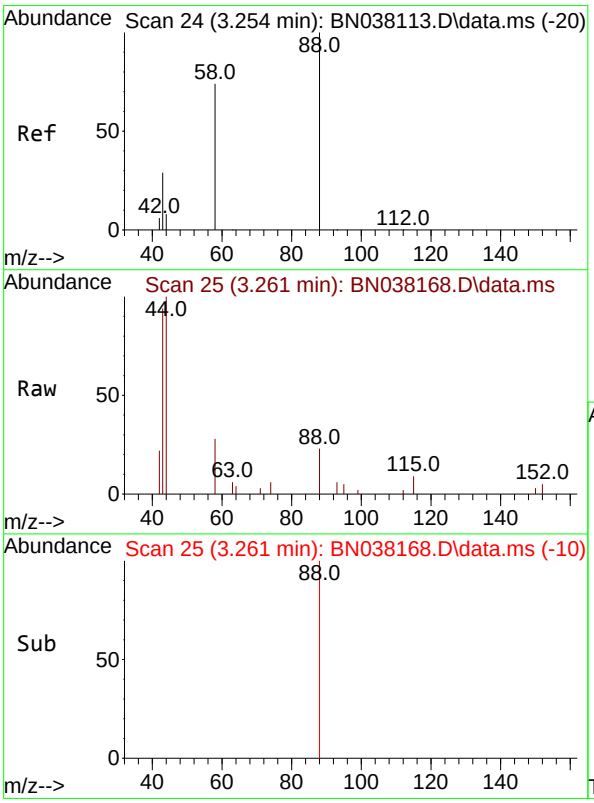
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:152 Resp: 7465

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.3	183.5
115	59.2	47.4	71.0

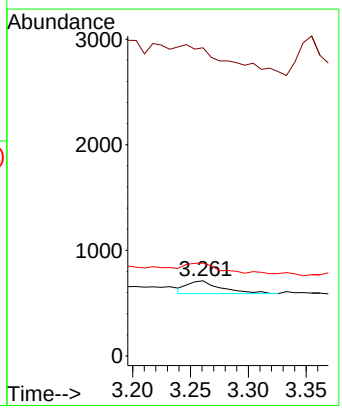


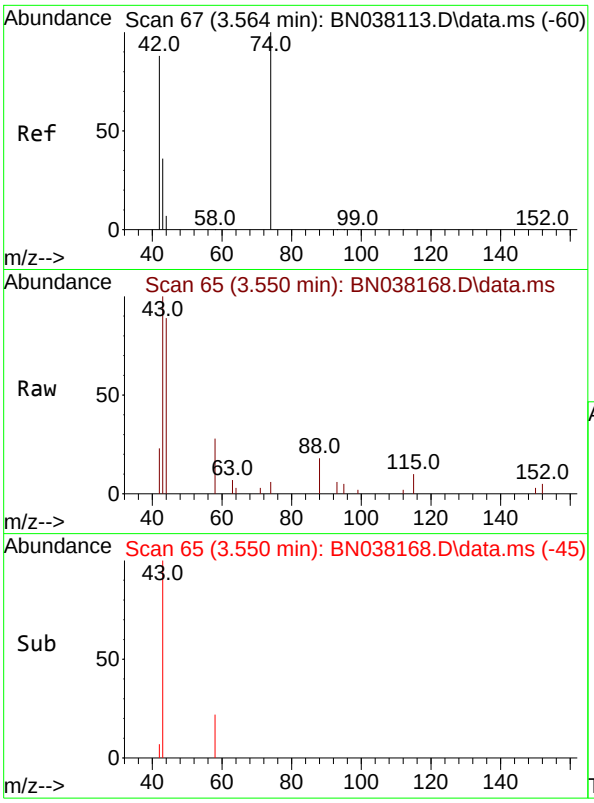


#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.007 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.3	36.5#
58	72.5	60.4	90.6



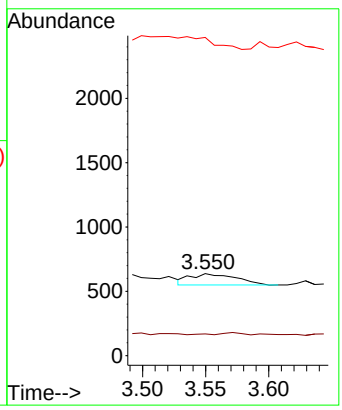


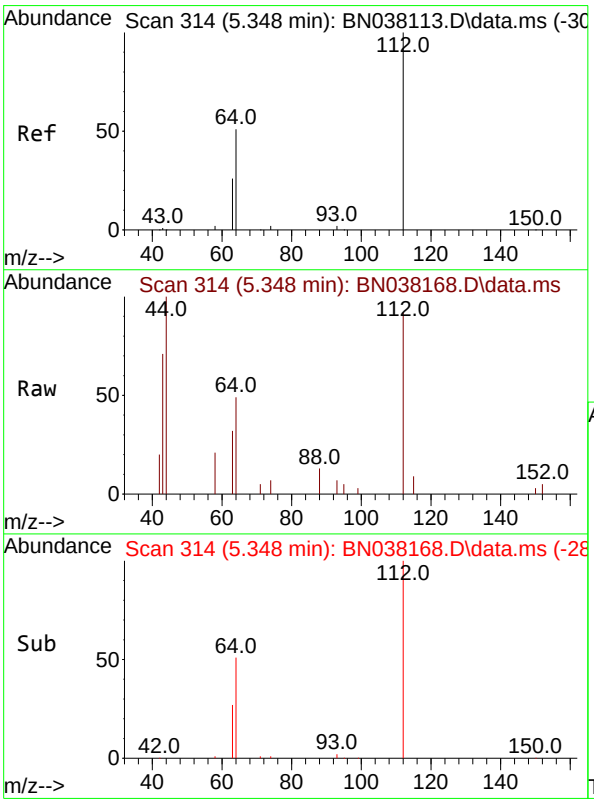
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.550 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.8	145.2#
44	0.0	5.3	7.9#

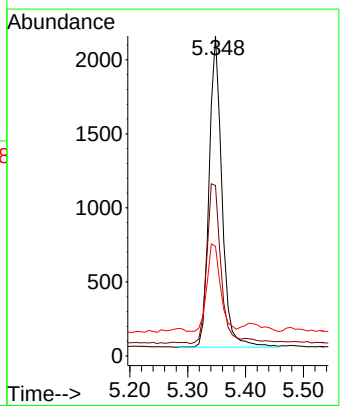


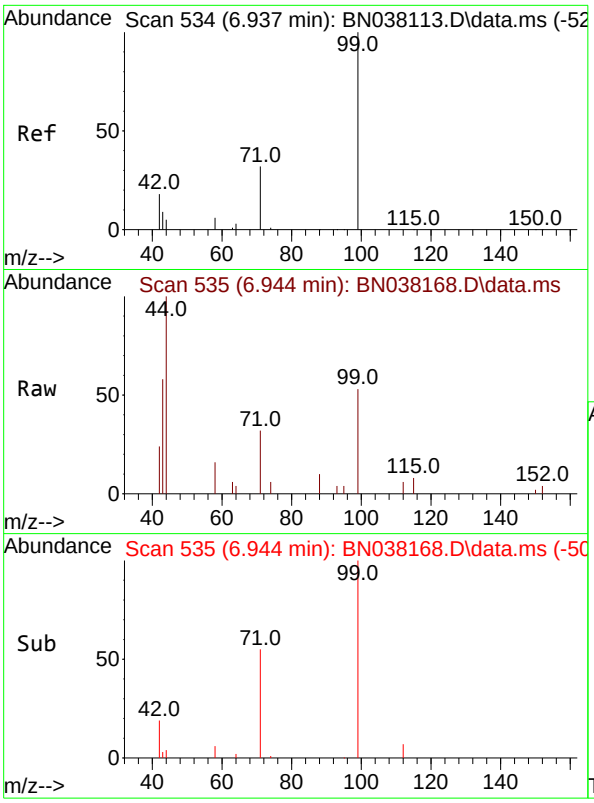


#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:112 Resp: 3252

Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.0
63	29.9	23.2	34.8



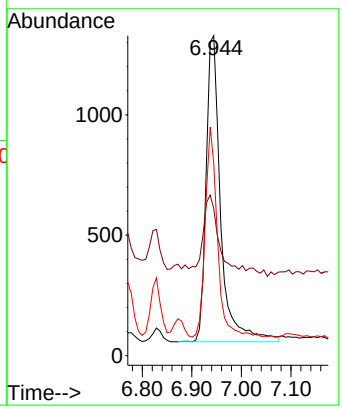


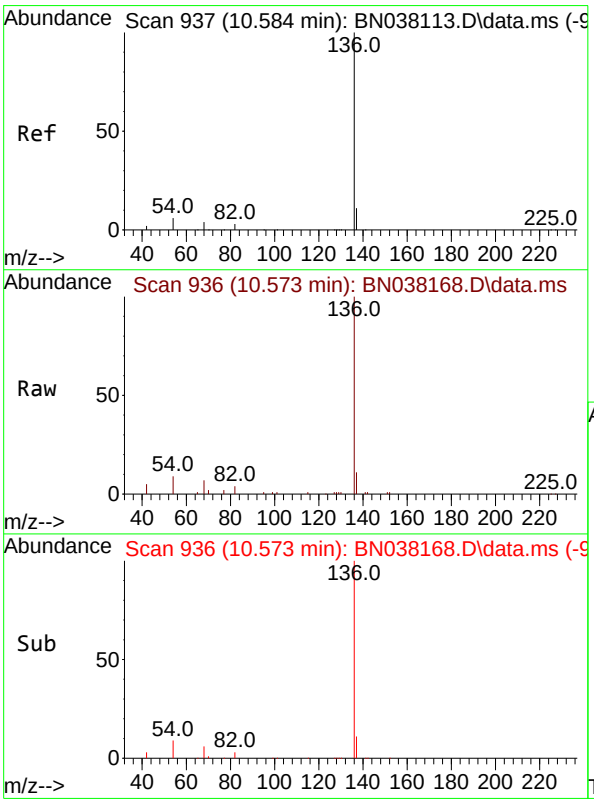
#5
Phenol-d6
Concen: 0.121 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion: 99 Resp: 2594

Ion	Ratio	Lower	Upper
99	100		
42	32.8	16.6	24.8#
71	57.4	25.4	38.2#

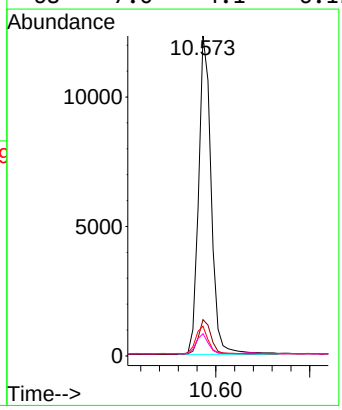


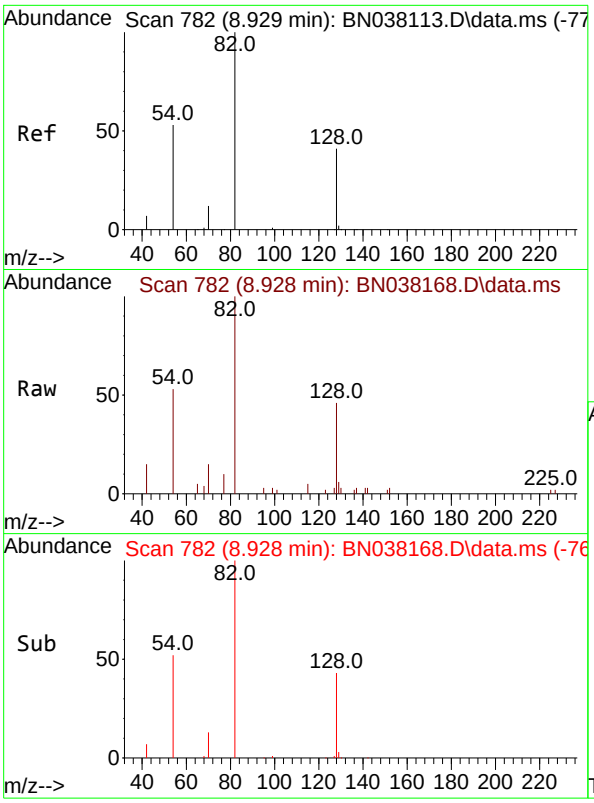


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:136 Resp: 23044

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.3	5.2	7.8#
68	7.0	4.1	6.1#



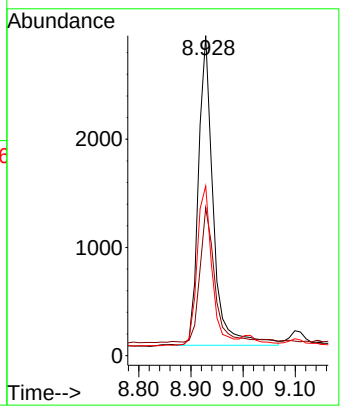


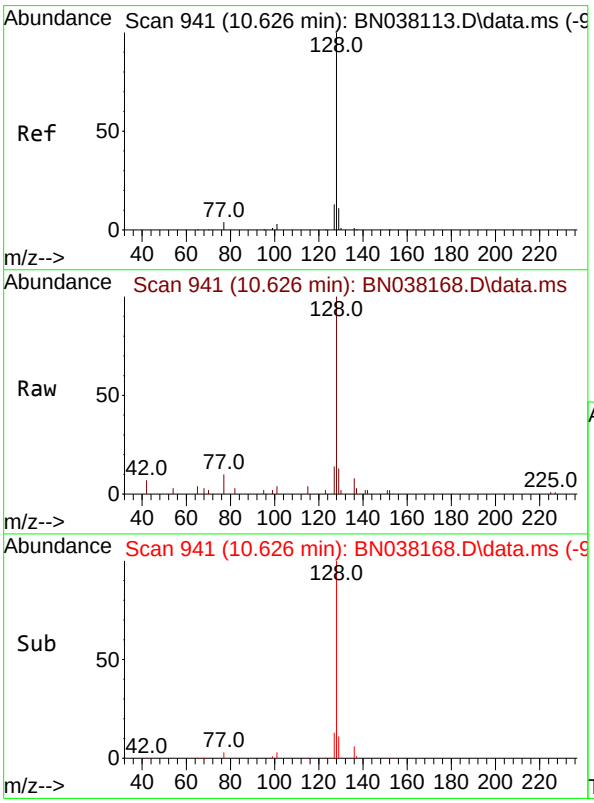
#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.928 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion: 82 Resp: 5623

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.1	51.1
54	53.1	43.5	65.3

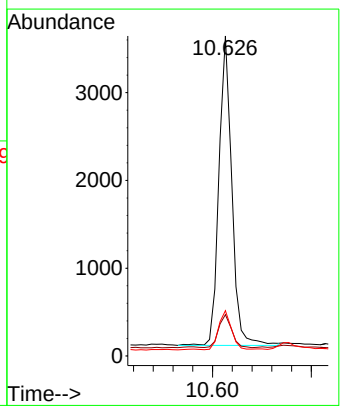


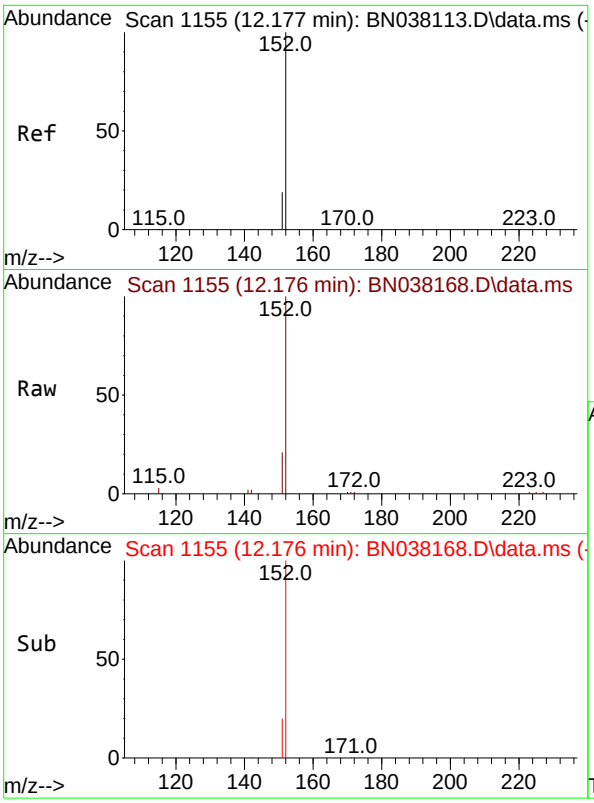


#9
Naphthalene
Concen: 0.101 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:128 Resp: 6391

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	14.2	10.5	15.7



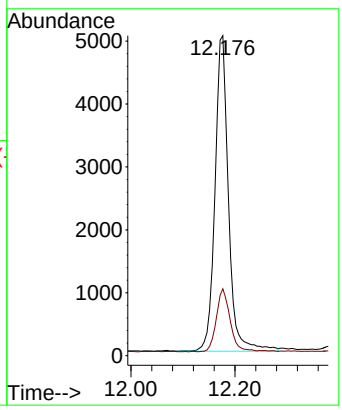


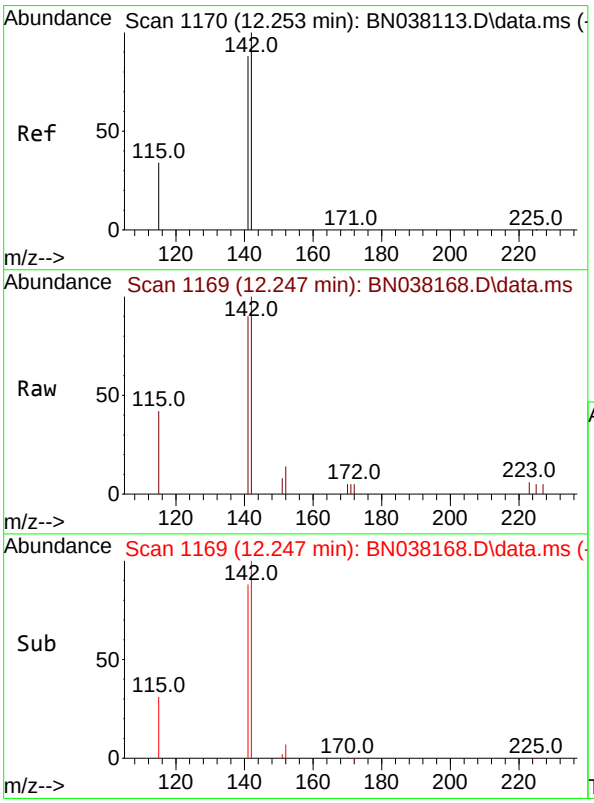
#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:152 Resp: 9042

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2

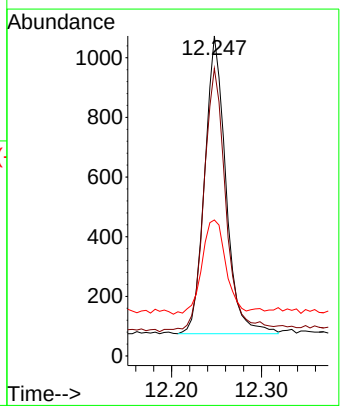


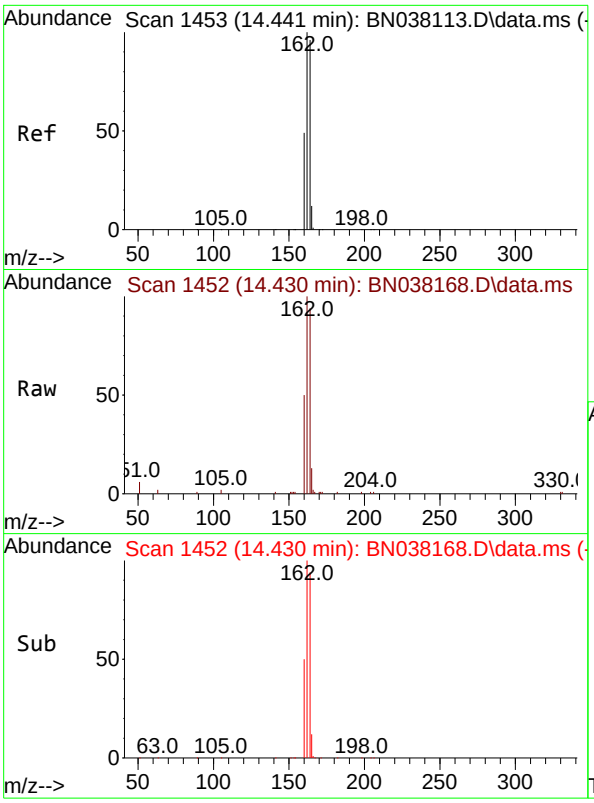


#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.247 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:142 Resp: 1632

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	42.5	27.8	41.6#



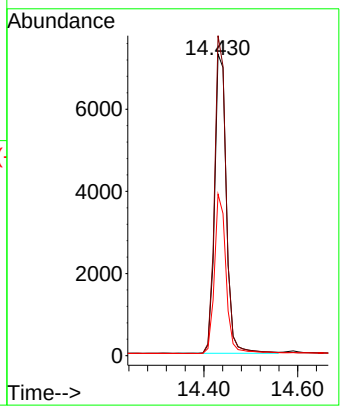


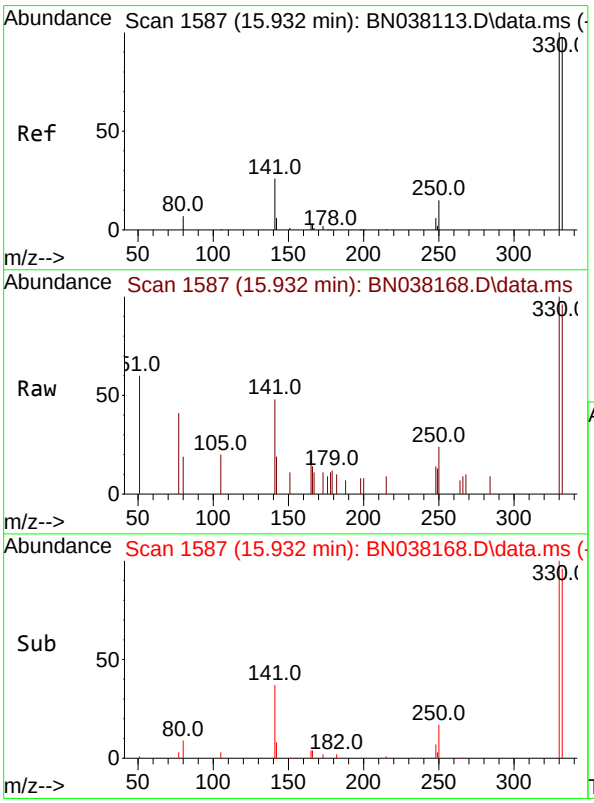
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:164 Resp: 12718

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.4
160	53.5	40.7	61.1

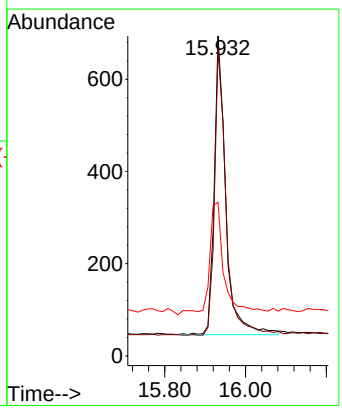


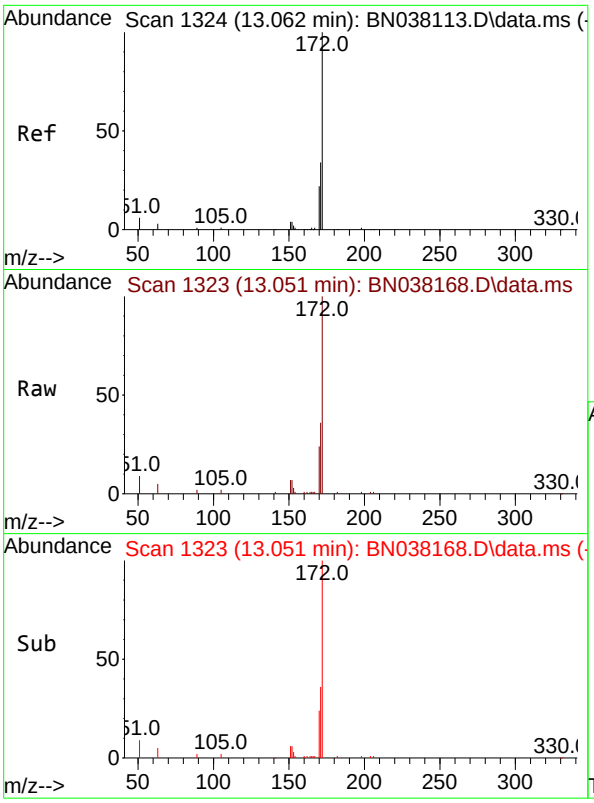


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:330 Resp: 1284

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	43.5	34.1	51.1



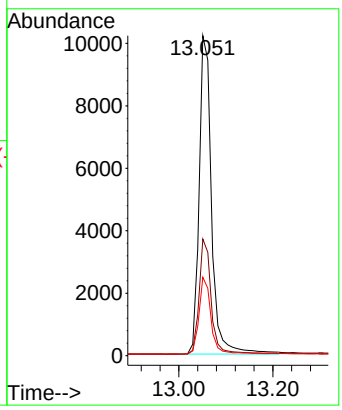


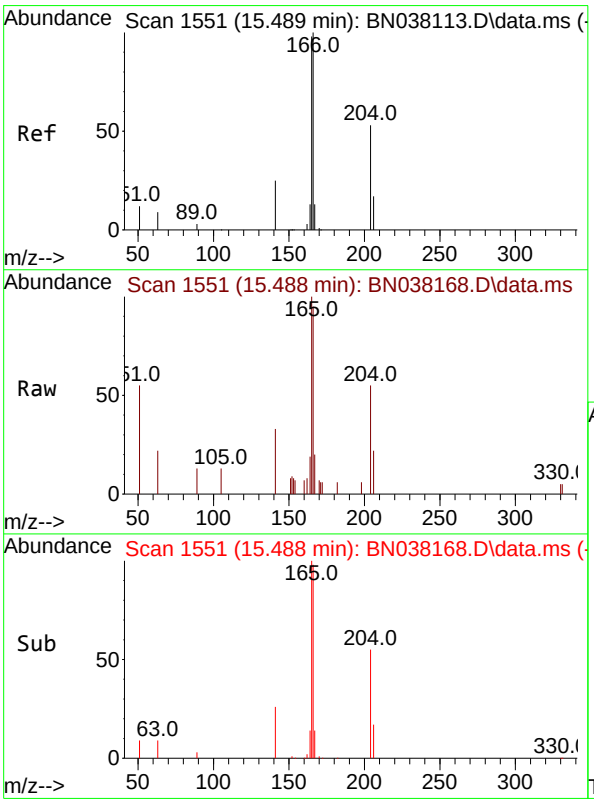
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:172 Resp: 17785

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.5	18.1	27.1

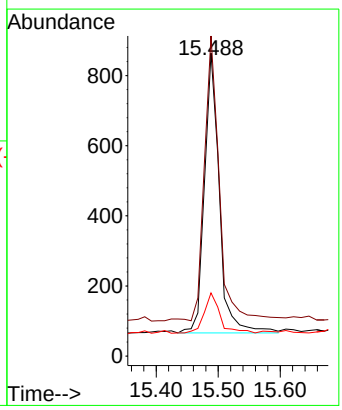


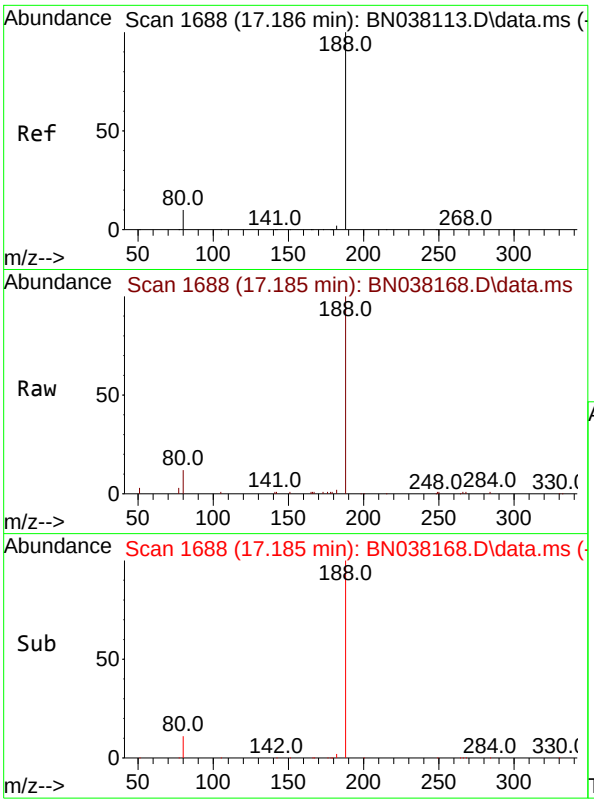


#18
Fluorene
Concen: 0.027 ng
RT: 15.488 min Scan# 1551
Delta R.T. -0.001 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:166 Resp: 1417

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.0	118.4
167	14.6	10.7	16.1



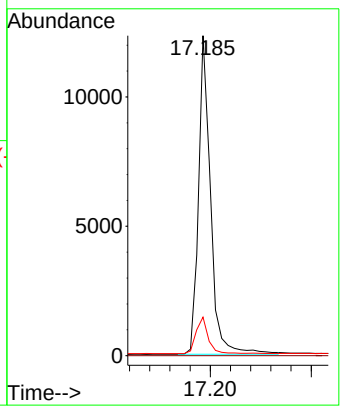


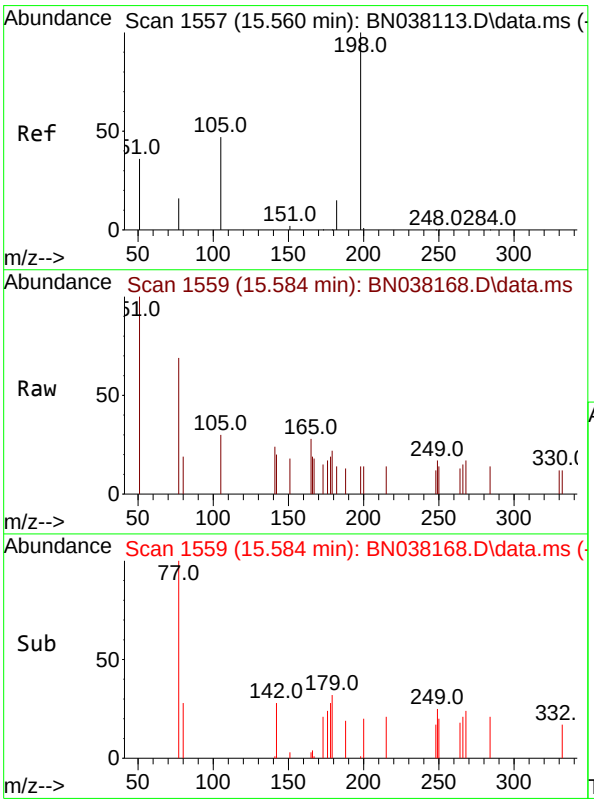
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.185 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:188 Resp: 20516

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	8.6	13.0

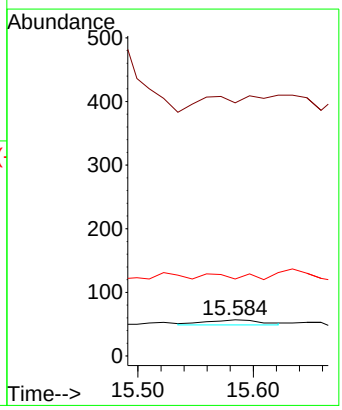


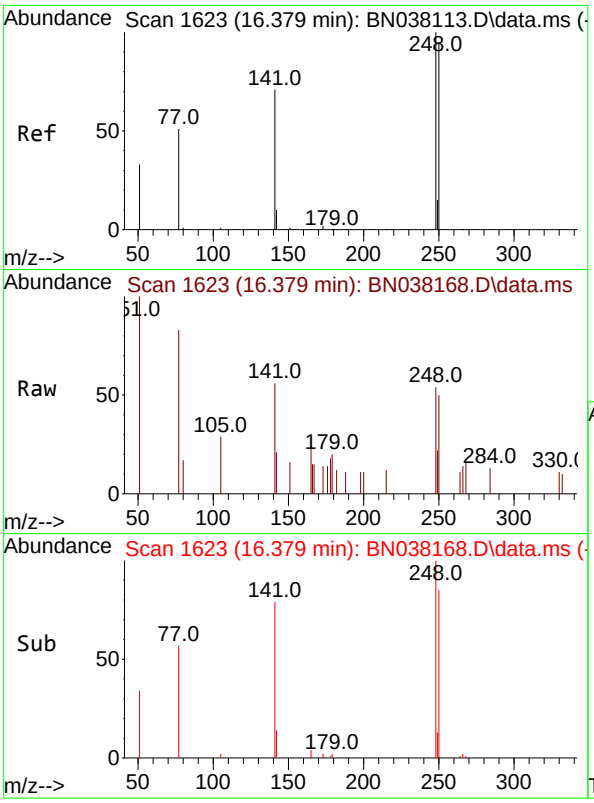


#20
4,6-Dinitro-2-methylphenol
Concen: 0.190 ng
RT: 15.584 min Scan# 1559
Delta R.T. 0.024 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:198 Resp: 26

Ion	Ratio	Lower	Upper
198	100		
51	698.2	88.9	133.3#
105	212.3	49.2	73.8#



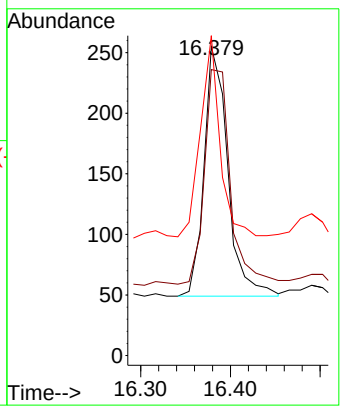


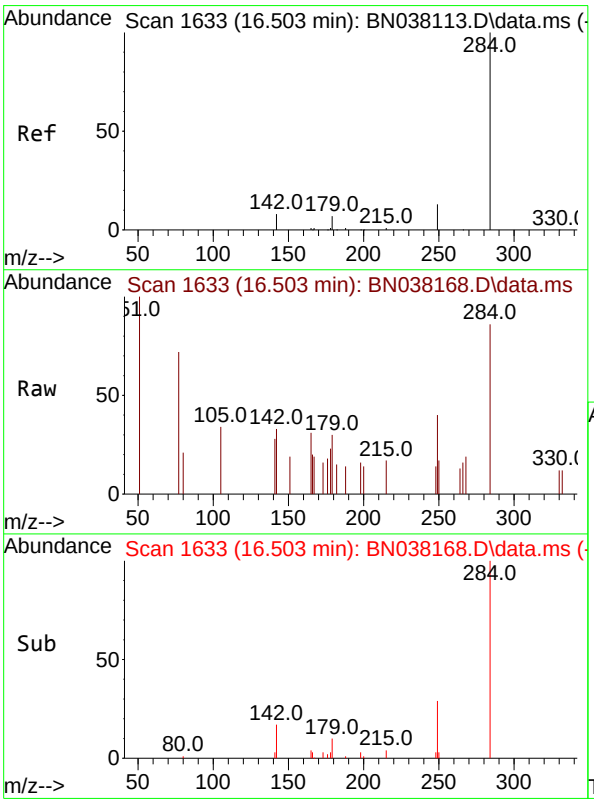
#21
4-Bromophenyl-phenylether
Concen: 0.028 ng
RT: 16.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:248 Resp: 378

Ion	Ratio	Lower	Upper
248	100		
250	92.5	76.2	114.2
141	103.5	57.6	86.4#

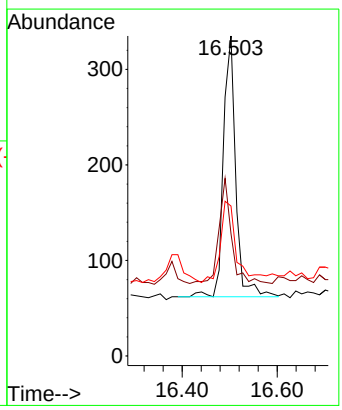


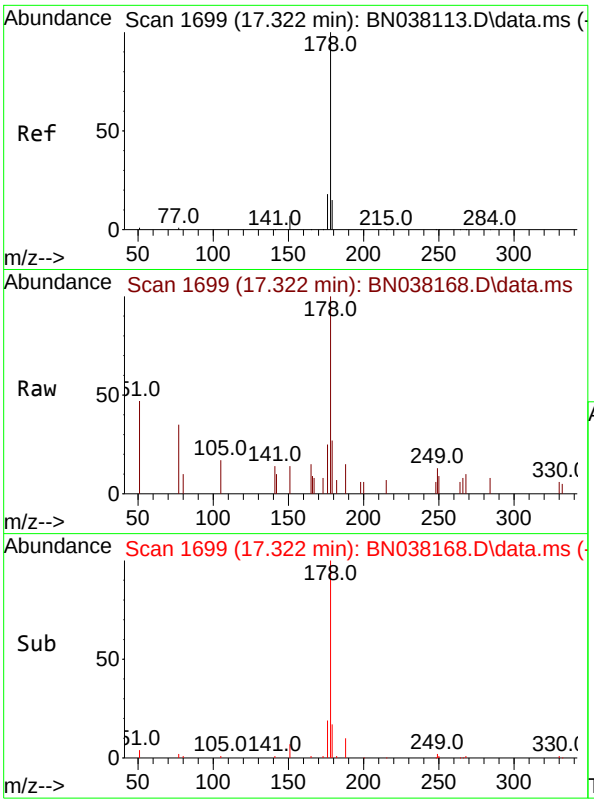


#22
Hexachlorobenzene
Concen: 0.032 ng
RT: 16.503 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:284 Resp: 489

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.5	45.7
249	38.9	23.5	35.3#



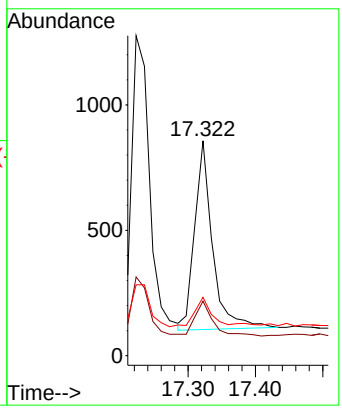


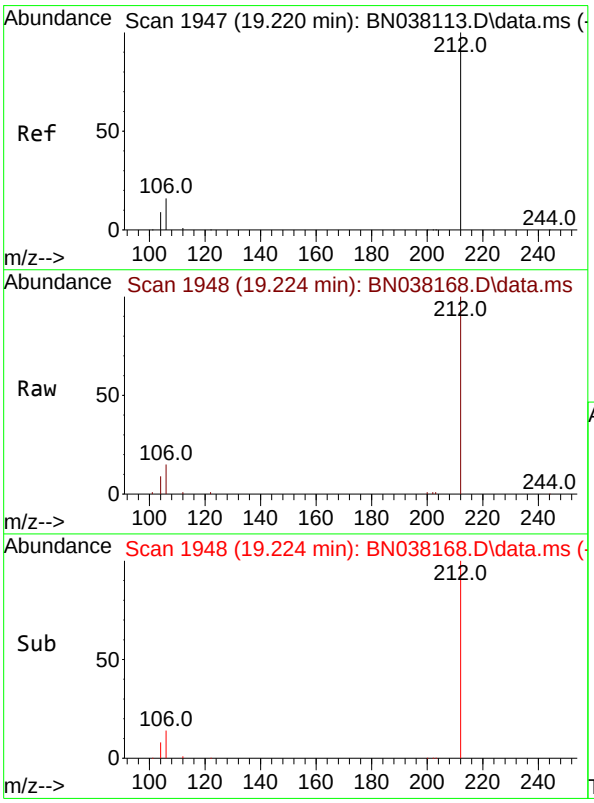
#26
Anthracene
Concen: 0.024 ng
RT: 17.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:178 Resp: 1391

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	16.3	11.8	17.8

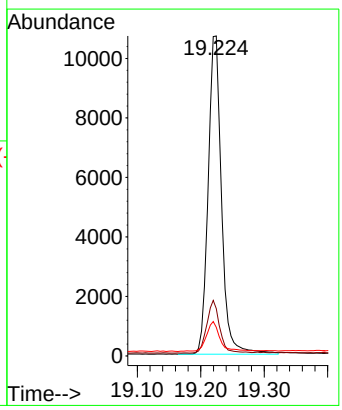


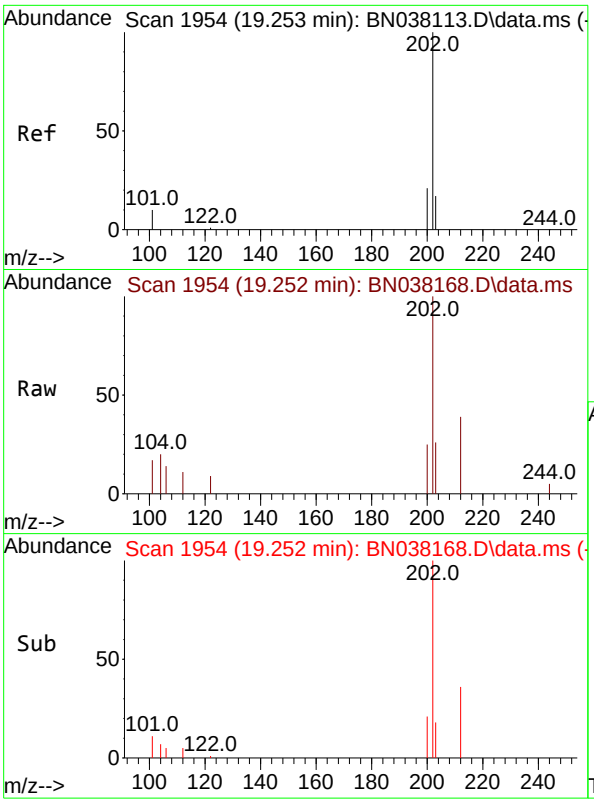


#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.224 min Scan# 1948
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:212 Resp: 15695

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	9.0	7.1	10.7



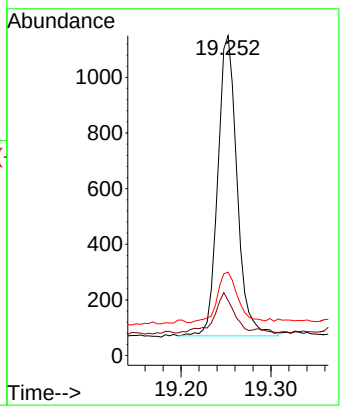


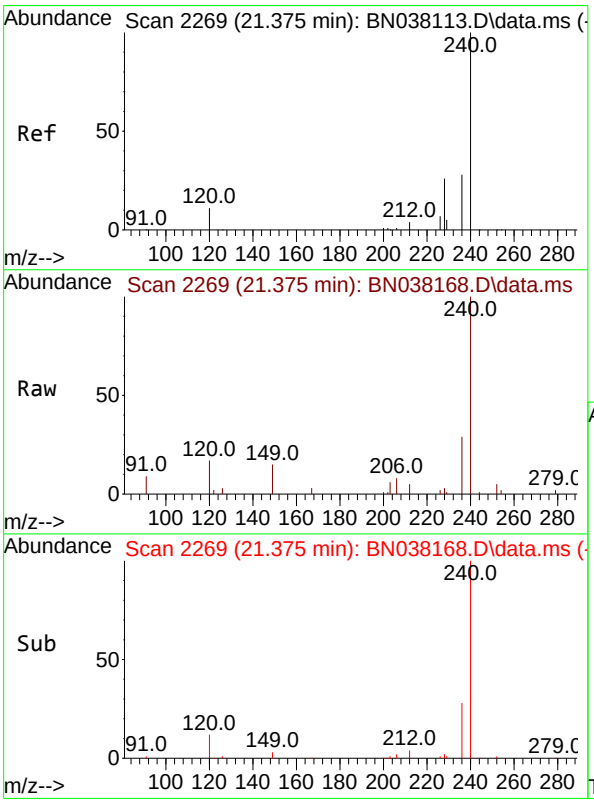
#28
Fluoranthene
Concen: 0.022 ng
RT: 19.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:202 Resp: 1600

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.4	14.2
203	18.7	13.4	20.2

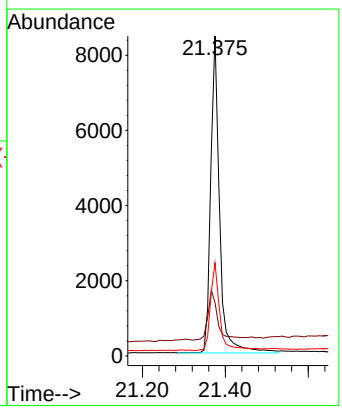


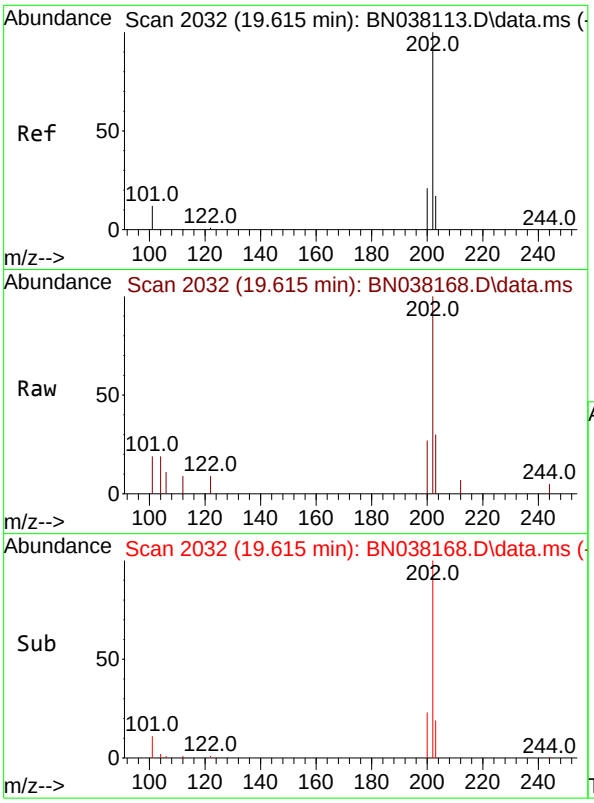


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:240 Resp: 12475

Ion	Ratio	Lower	Upper
240	100		
120	16.7	10.7	16.1#
236	29.1	23.1	34.7



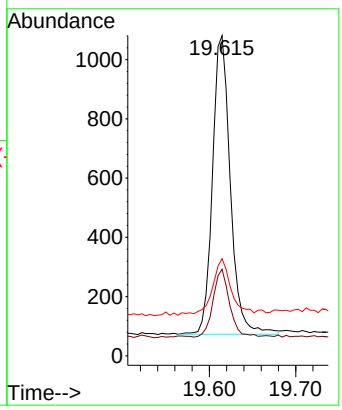


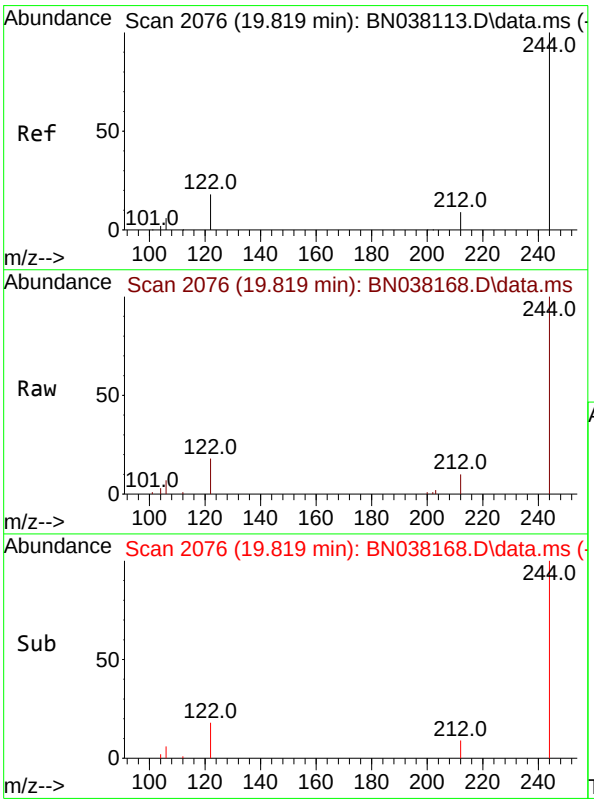
#30
Pyrene
Concen: 0.026 ng
RT: 19.615 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:202 Resp: 1451

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	20.3	14.2	21.2

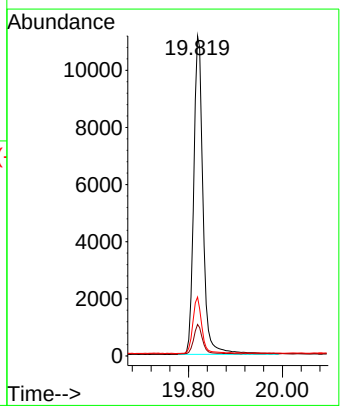


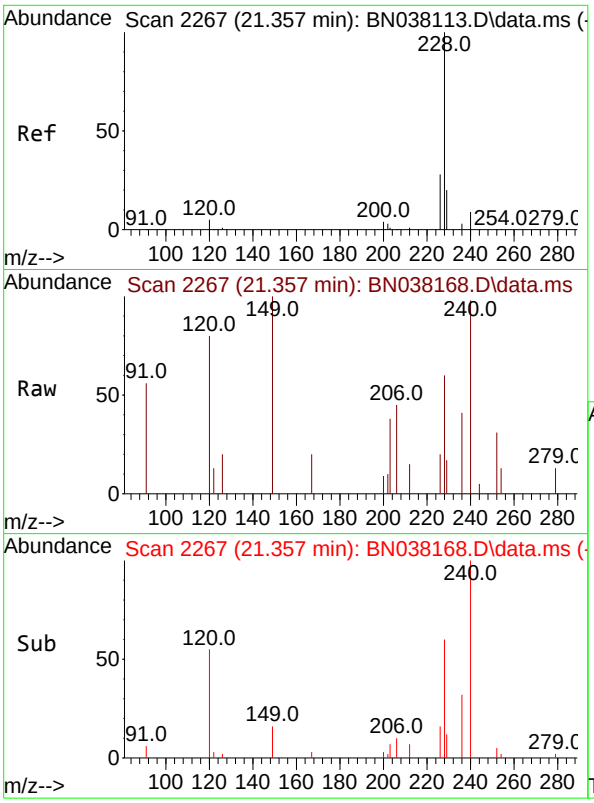


#31
Terphenyl-d14
Concen: 0.570 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:244 Resp: 15454

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.8	11.6
122	18.4	15.2	22.8



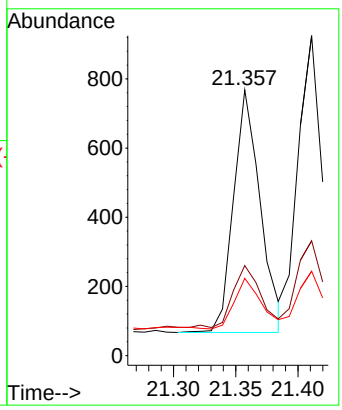


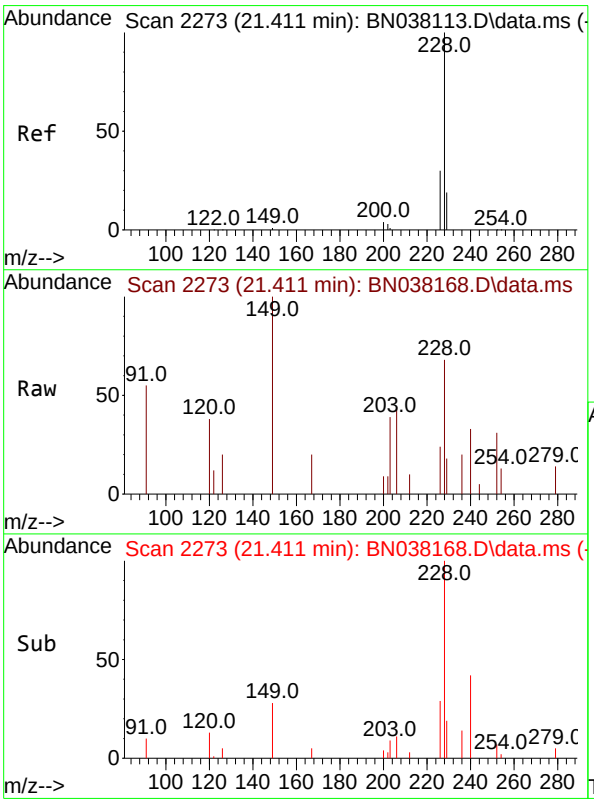
#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:228 Resp: 1048

Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.2	33.4#
229	29.0	15.8	23.8#

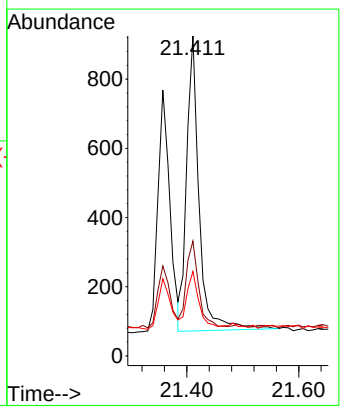


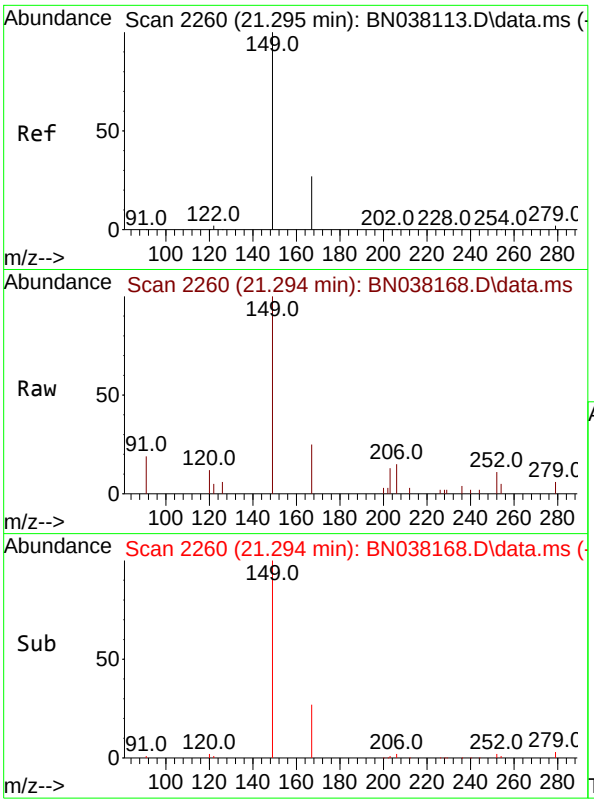


#33
Chrysene
Concen: 0.027 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:228 Resp: 1315

Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.3	36.5
229	26.4	15.7	23.5#



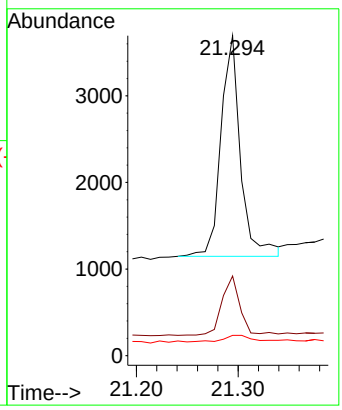


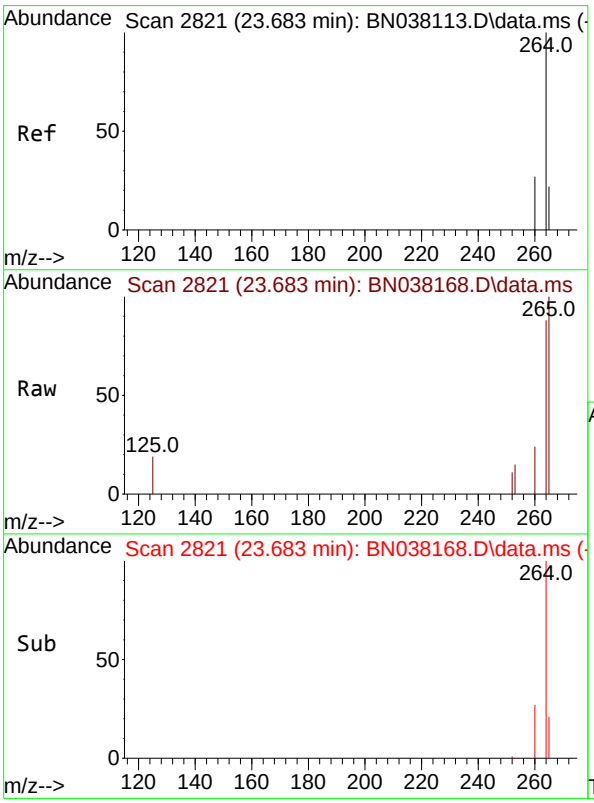
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:149 Resp: 3395

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.1	31.7
279	4.5	2.9	4.3#

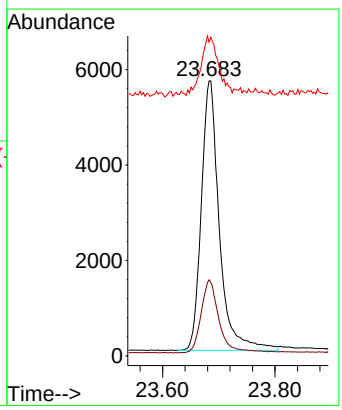


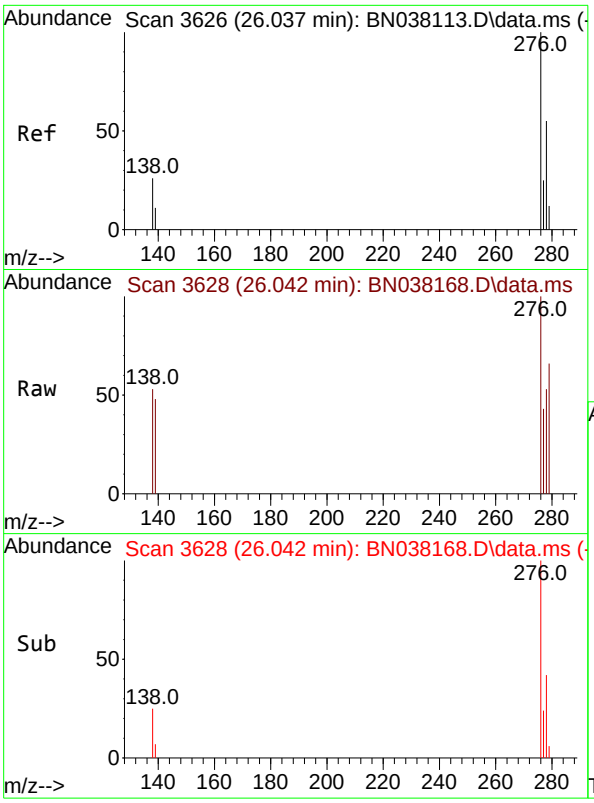


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:264 Resp: 12586

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	114.0	68.6	102.8#



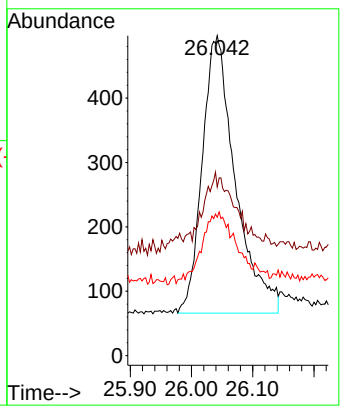


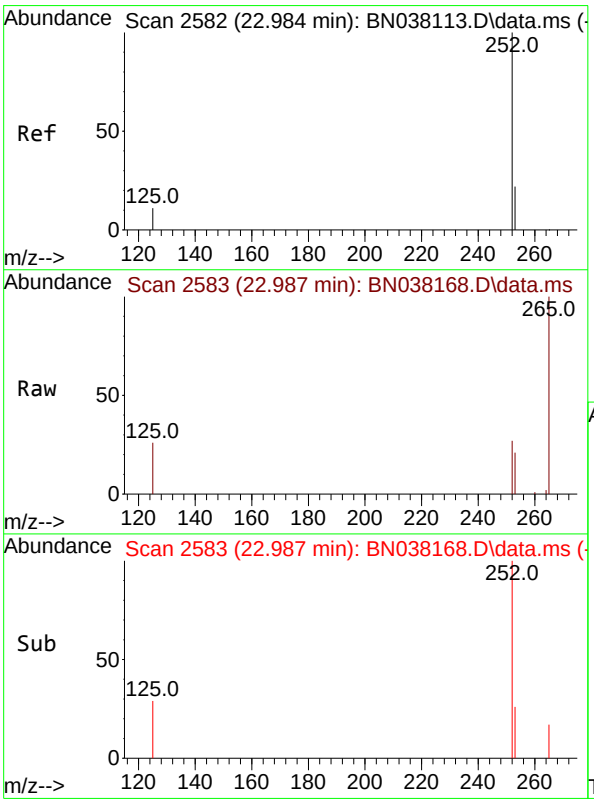
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 26.042 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:276 Resp: 1621

Ion	Ratio	Lower	Upper
276	100		
138	9.3	21.4	32.0#
277	26.1	19.2	28.8

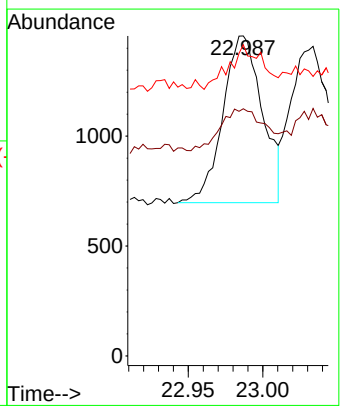


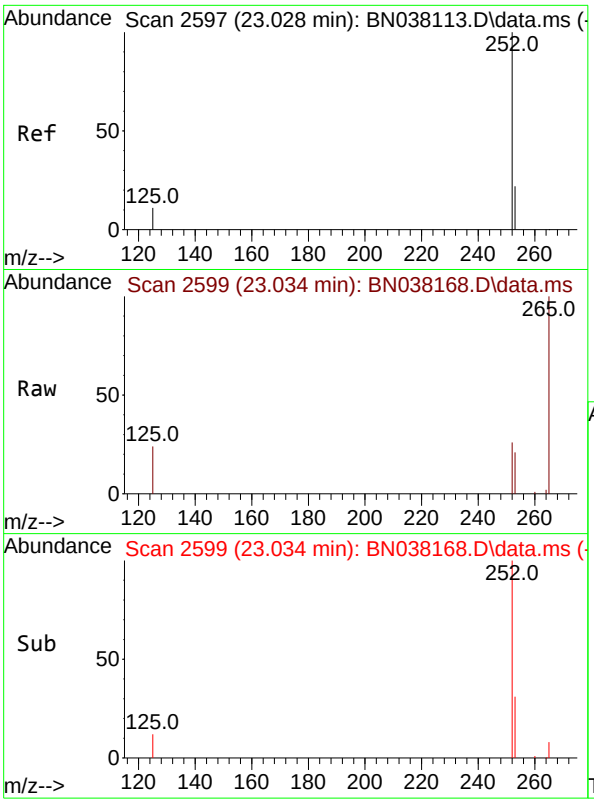


#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.987 min Scan# 2583
Delta R.T. 0.006 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:252 Resp: 1407

Ion	Ratio	Lower	Upper
252	100		
253	77.3	20.9	31.3#
125	97.3	14.1	21.1#



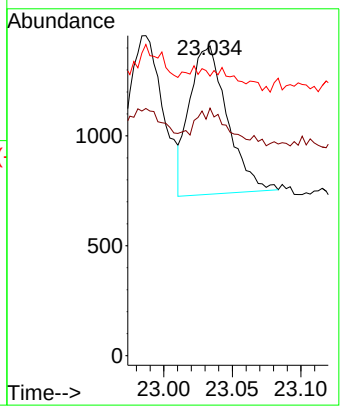


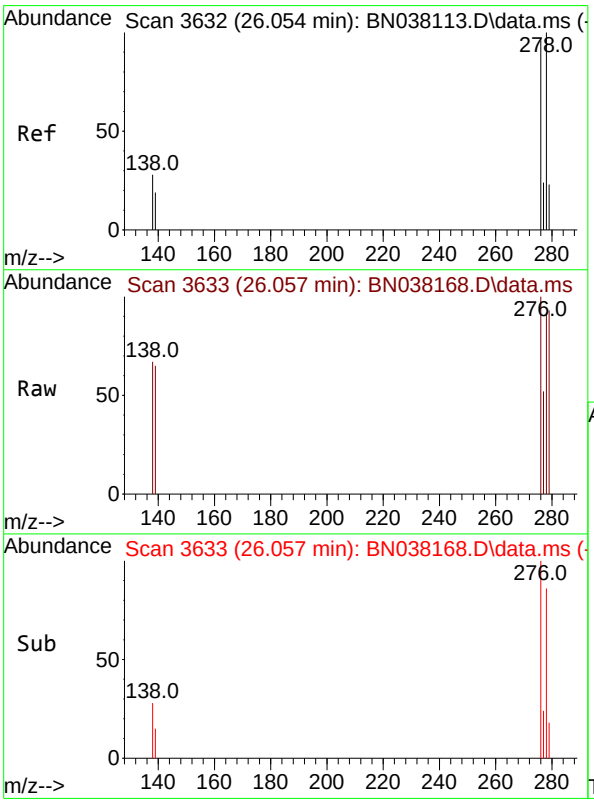
#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.034 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:252 Resp: 1294

Ion	Ratio	Lower	Upper
252	100		
253	79.9	21.2	31.8#
125	90.3	14.6	22.0#

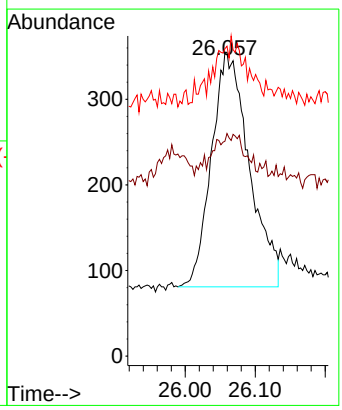


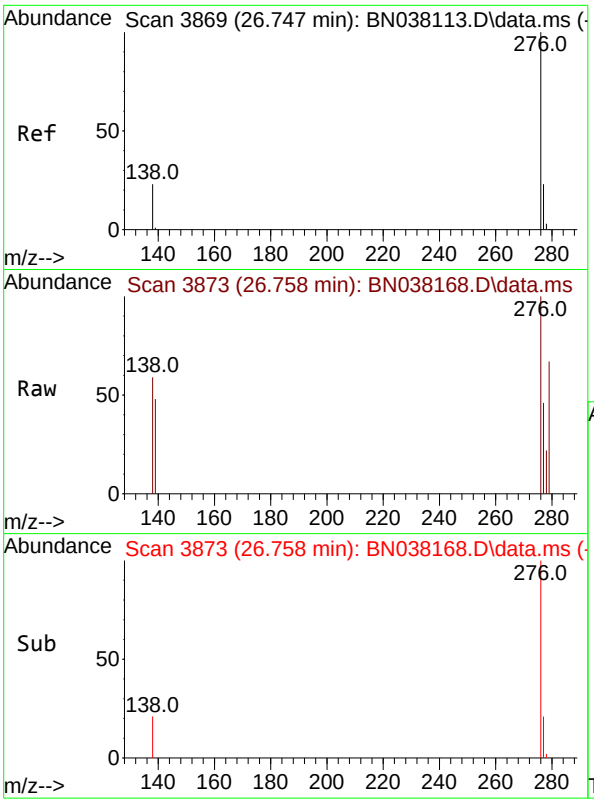


#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.057 min Scan# 3633
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:278 Resp: 1028

Ion	Ratio	Lower	Upper
278	100		
139	70.7	17.6	26.4#
279	101.1	22.6	33.8#





#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 26.758 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Instrument :
BNA_N
ClientSampleId :
EB-1

Tgt Ion:276 Resp: 1300

Ion	Ratio	Lower	Upper
276	100		
277	46.4	19.7	29.5#
138	59.3	20.2	30.4#