Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037665.D
Acq On : 04 Sep 2025 19:38
Operator : RC/JU
Sample : PB169421BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Quant Time: Sep 05 01:56:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	3052	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	6876	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2920	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	4860	0.400	ng	0.00
29) Chrysene-d12	21.259	240	3882	0.400	ng	0.00
35) Perylene-d12	23.496	264	3882	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2423	0.325	ng	0.00
5) Phenol-d6	6.872	99	2666	0.298	ng	0.00
8) Nitrobenzene-d5	8.843	82	1878	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.081	152	3007	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.820	330	254	0.161	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	6103	0.374	ng	0.00
27) Fluoranthene-d10	19.109	212	3904	0.322	ng	0.00
31) Terphenyl-d14	19.713	244	2856	0.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	29	0.010	ng	# 1
3) n-Nitrosodimethylamine	3.564	42	24	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	7.038	93	191	0.025	ng	# 23
9) Naphthalene	10.541	128	48	0.003	ng	# 1
10) Hexachlorobutadiene	10.829	225	10	0.002	ng	# 96
12) 2-Methylnaphthalene	12.146	142	31	0.003	ng	# 57
16) Acenaphthylene	14.056	152	47	0.004	ng	# 67
17) Acenaphthene	14.398	154	21	0.002	ng	# 49
18) Fluorene	15.393	166	51	0.005	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.457	198	6	0.007	ng	# 1
21) 4-Bromophenyl-phenylether	16.280	248	13	0.004	ng	# 70
22) Hexachlorobenzene	16.391	284	21	0.005	ng	# 78
23) Atrazine	16.553	200	7	0.003	ng	# 10
24) Pentachlorophenol	16.727	266	20	0.010	ng	# 81
25) Phenanthrene	17.124	178	173	0.012	ng	# 83
26) Anthracene	17.211	178	57	0.004	ng	# 74
28) Fluoranthene	19.141	202	103	0.006	ng	# 79
30) Pyrene	19.503	202	89	0.006	ng	# 82
32) Benzo(a)anthracene	21.250	228	102	0.008	ng	# 22
33) Chrysene	21.295	228	93	0.007	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.196	149	188	Below Cal		# 95
36) Indeno(1,2,3-cd)pyrene	25.750	276	112	0.006	ng	# 62
37) Benzo(b)fluoranthene	22.829	252	96	0.006	ng	# 1
38) Benzo(k)fluoranthene	22.870	252	80	0.005	ng	# 1
39) Benzo(a)pyrene	23.397	252	43	0.003	ng	# 1
40) Dibenzo(a,h)anthracene	25.765	278	40	0.003	ng	# 1
41) Benzo(g,h,i)perylene	26.437	276	79	0.005	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037665.D
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Operator : RC/JU
Sample : PB169421BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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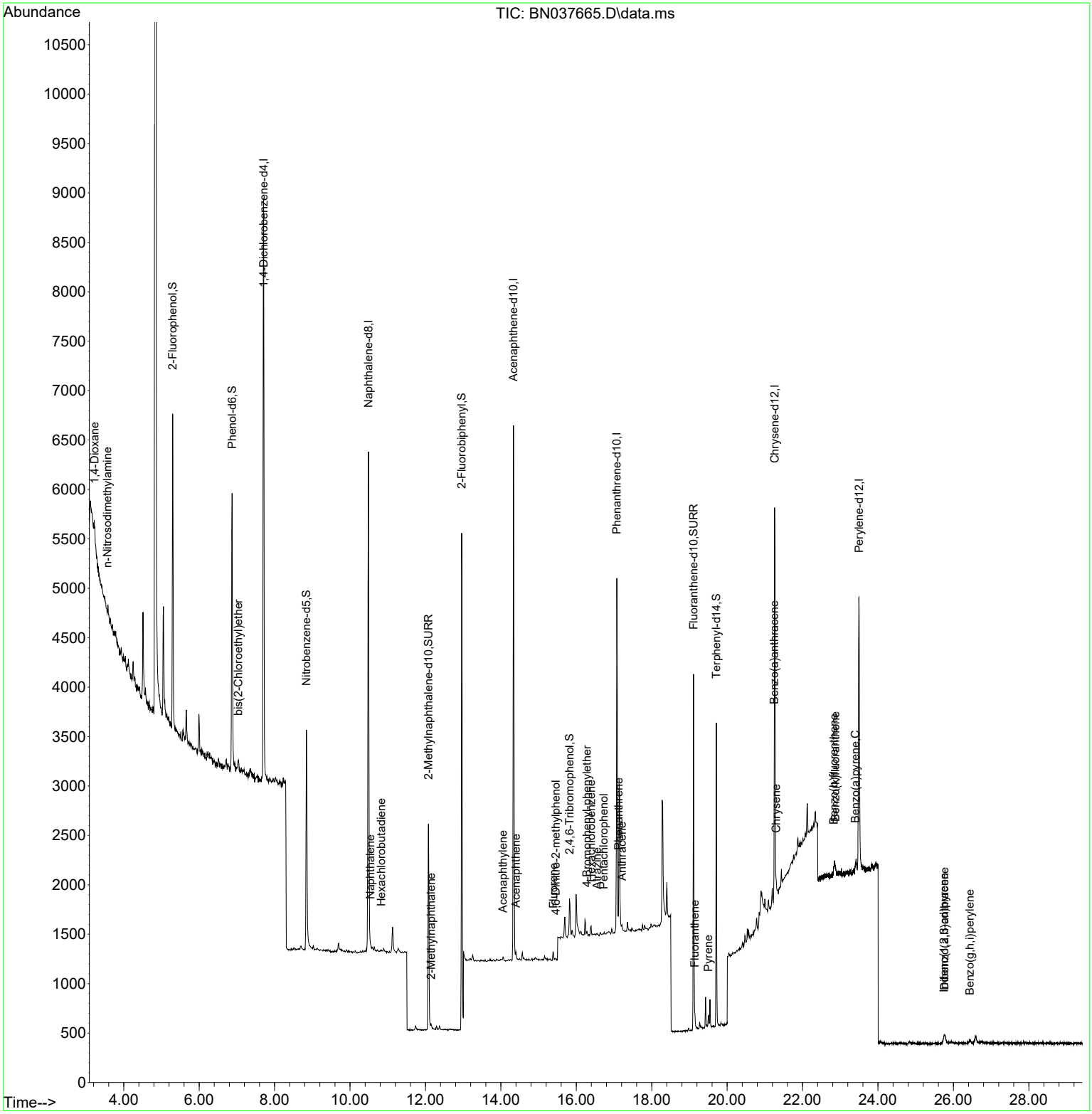
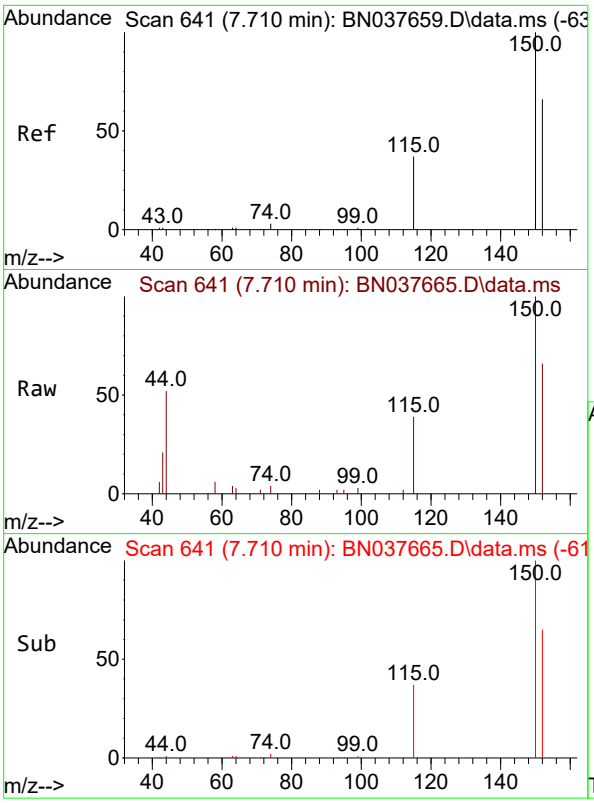
Quant Time: Sep 05 01:56:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration



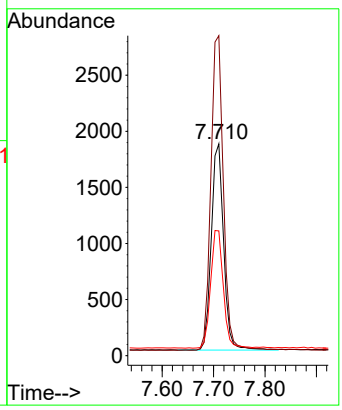


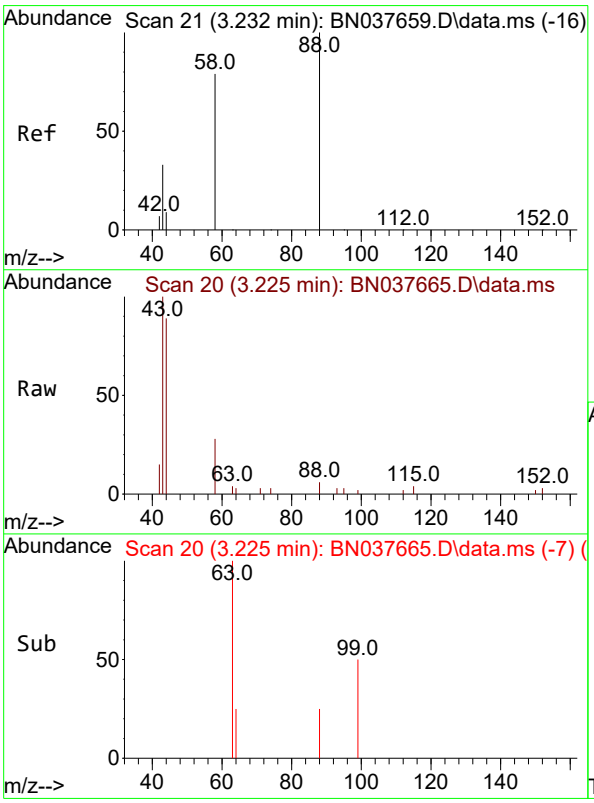
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:152 Resp: 3052

Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.9	179.9
115	59.0	46.8	70.2

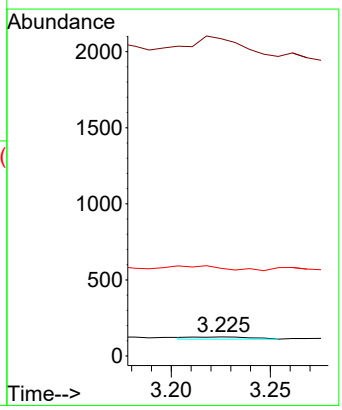


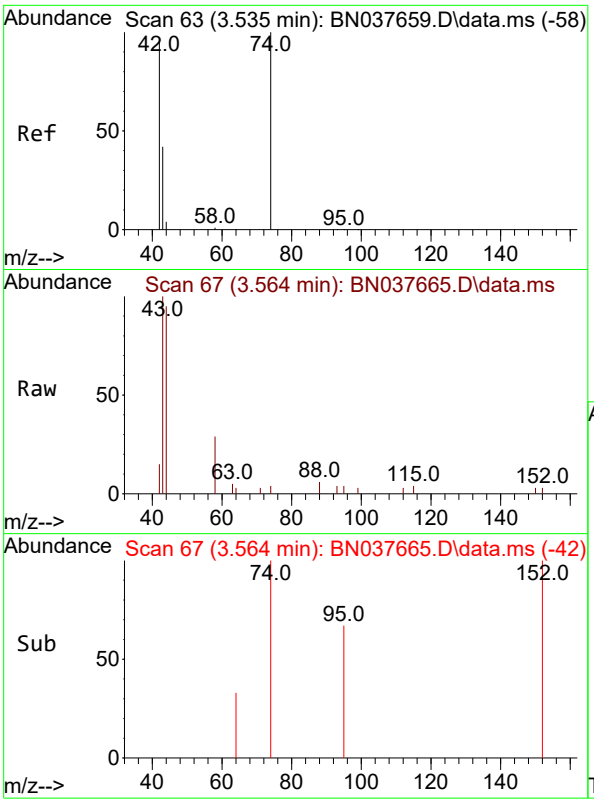


#2
1,4-Dioxane
Concen: 0.010 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	2420.7	26.6	40.0#
58	165.5	62.0	93.0#



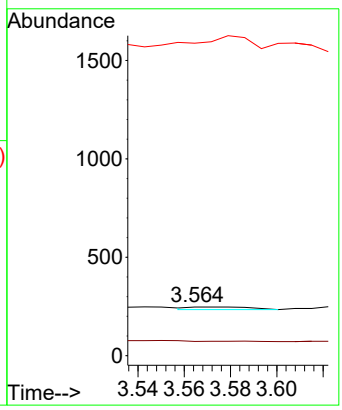


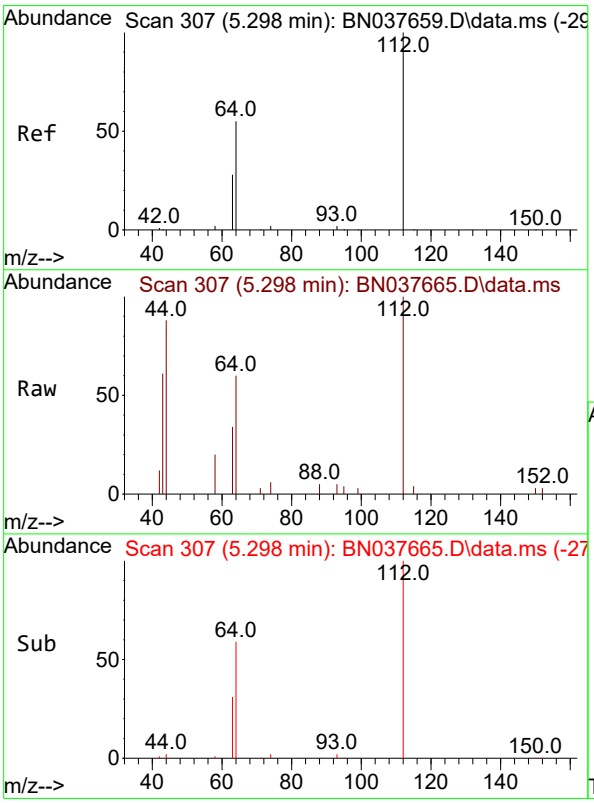
#3
n-Nitrosodimethylamine
Concen: 0.006 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.029 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.2	129.2#
44	425.0	5.2	7.8#

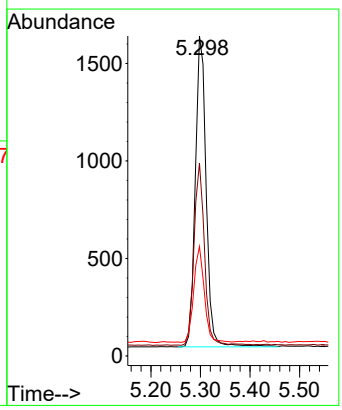


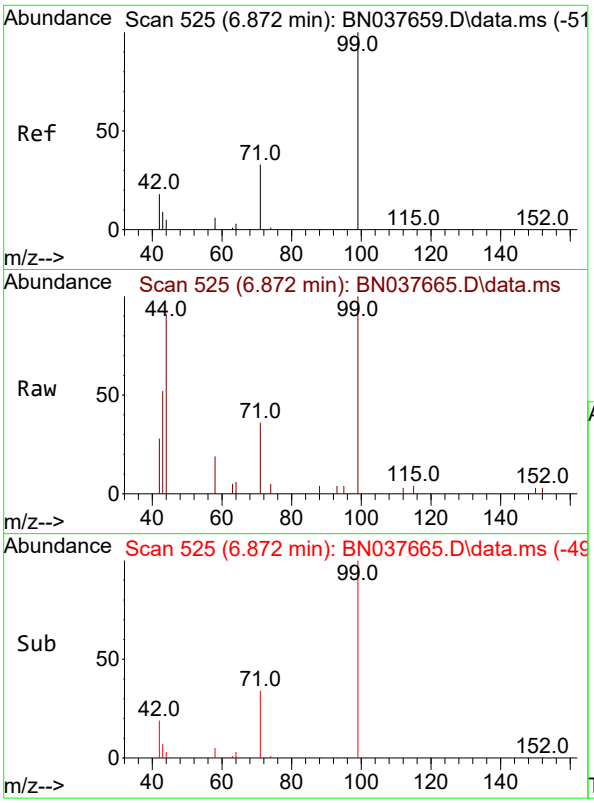


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:112 Resp: 2423

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.8	68.6
63	29.7	24.2	36.4



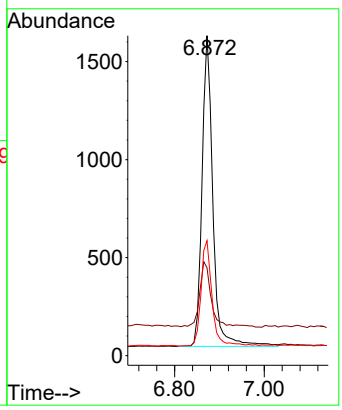


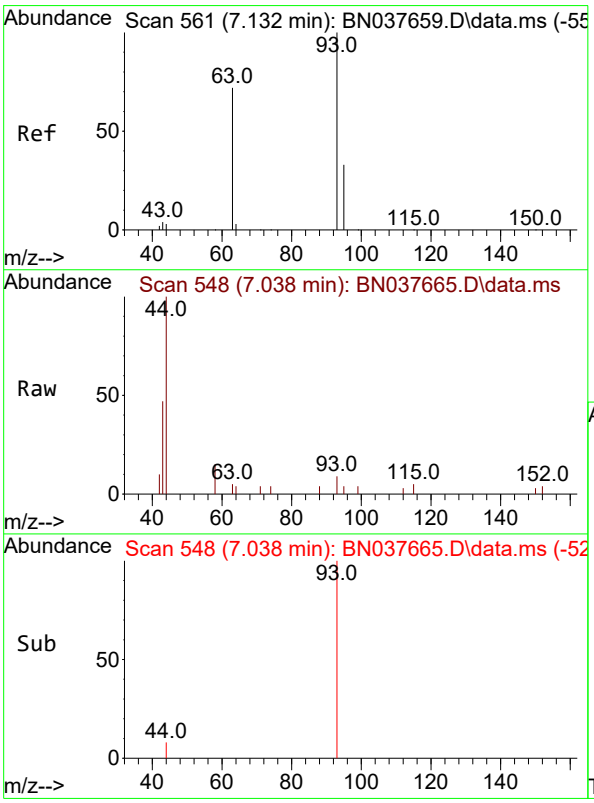
#5
Phenol-d6
Concen: 0.298 ng
RT: 6.872 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion: 99 Resp: 2666

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.7	26.5
71	34.2	27.5	41.3

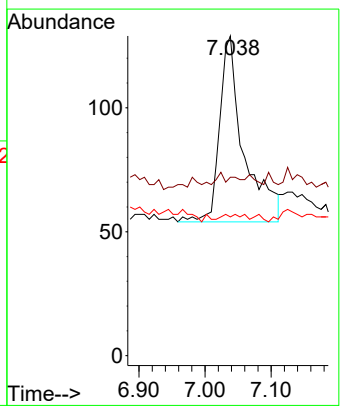


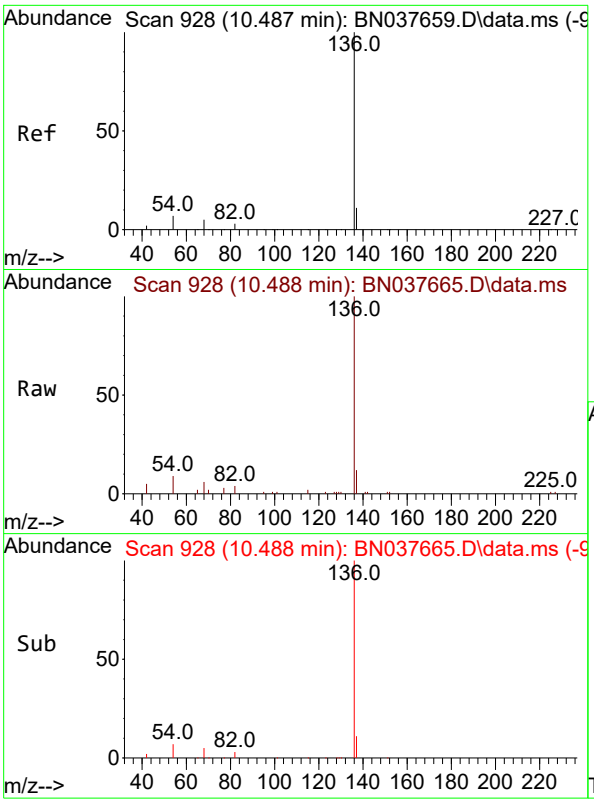


#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.038 min Scan# 548
Delta R.T. -0.094 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion: 93 Resp: 191

Ion	Ratio	Lower	Upper
93	100		
63	1.6	60.6	91.0#
95	1.0	25.7	38.5#



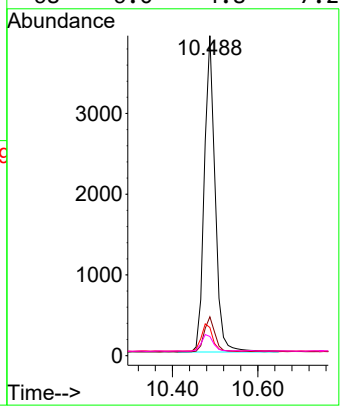


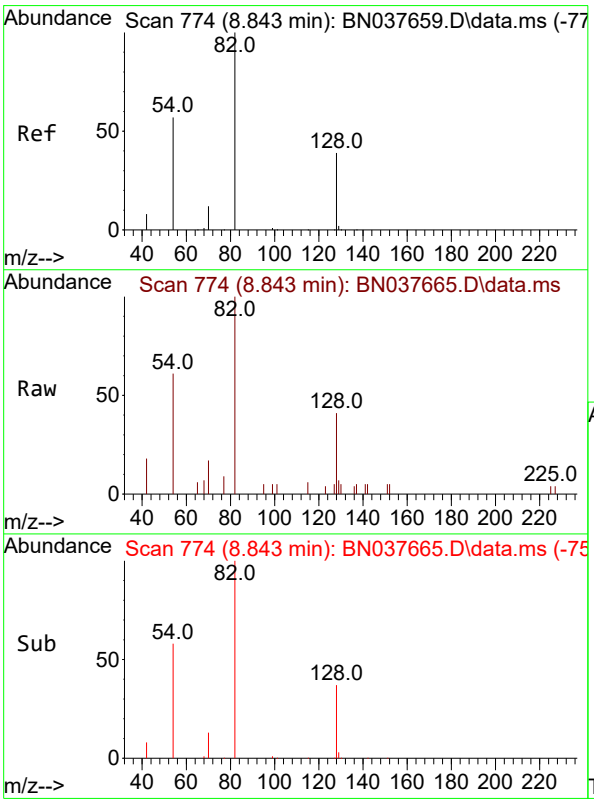
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:136 Resp: 6876

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	8.8	6.3	9.5
68	6.0	4.8	7.2

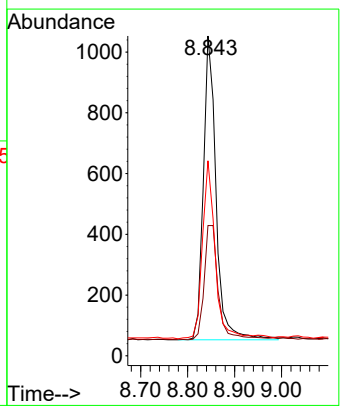


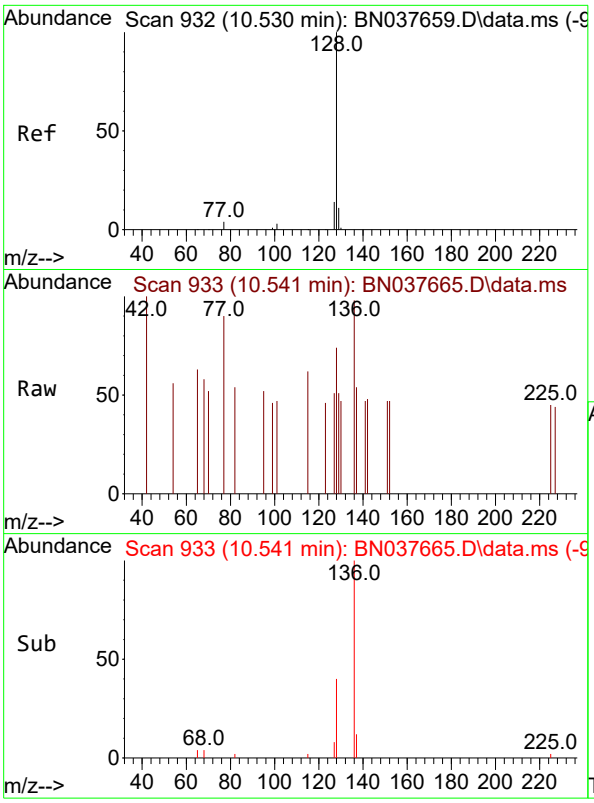


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion: 82 Resp: 1878

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.6
54	61.0	47.9	71.9



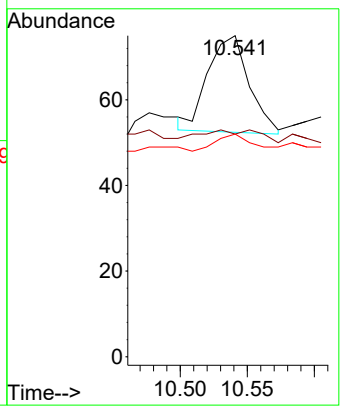


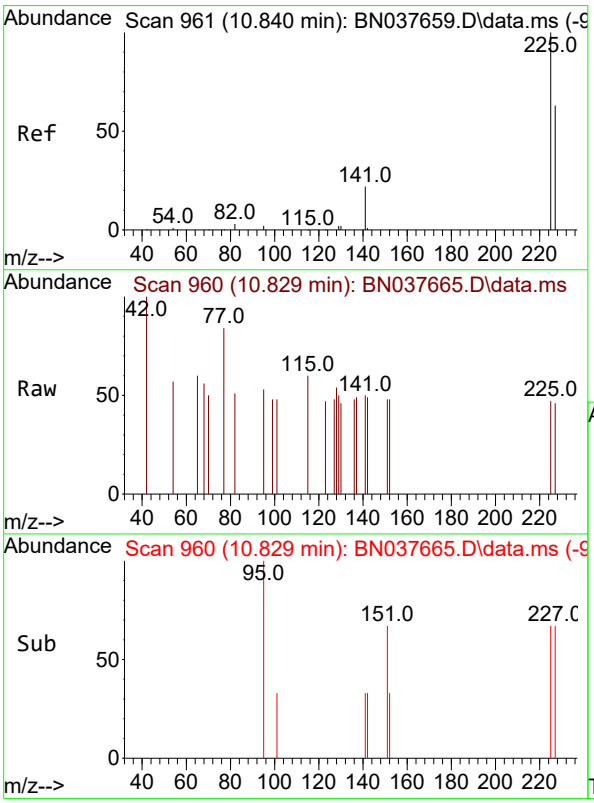
#9
Naphthalene
Concen: 0.003 ng
RT: 10.541 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:128 Resp: 48

Ion	Ratio	Lower	Upper
128	100		
129	69.3	9.7	14.5#
127	69.3	11.5	17.3#

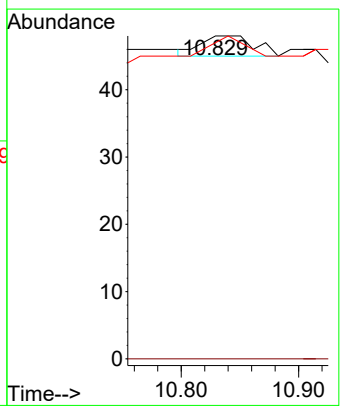


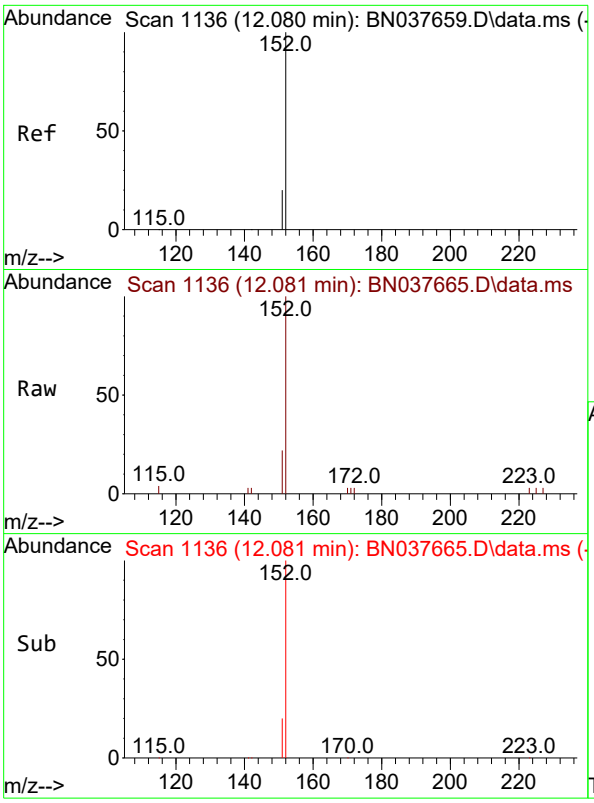


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:225 Resp: 10

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	60.0	50.5	75.7



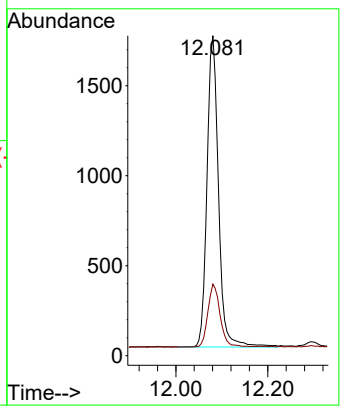


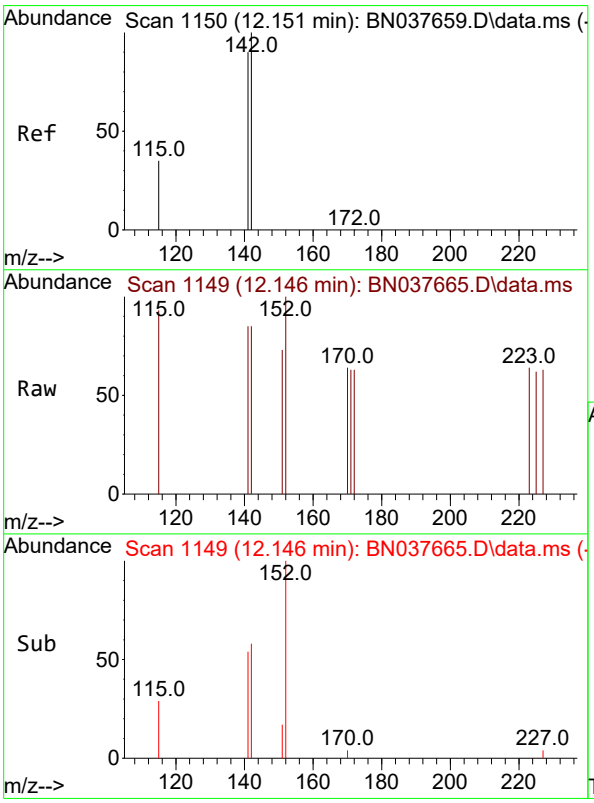
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:152 Resp: 3007

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9

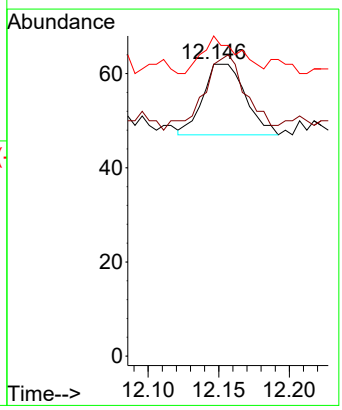


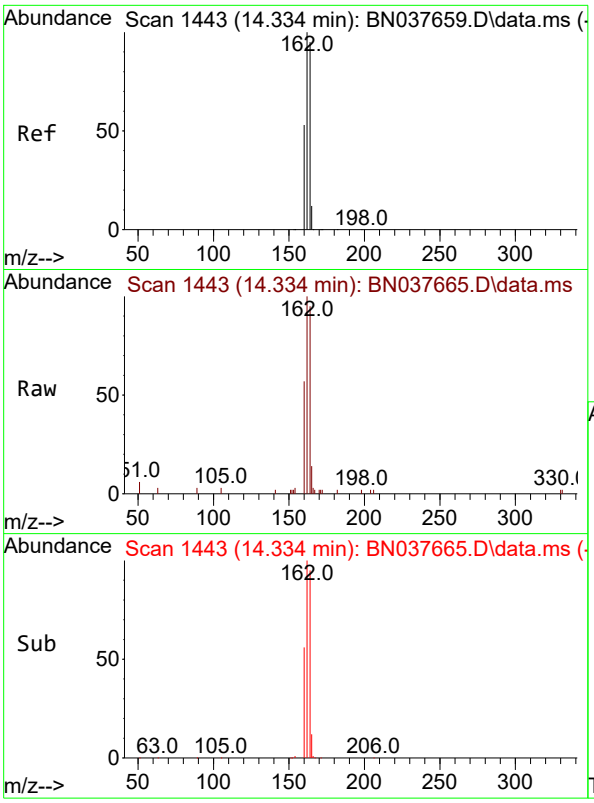


#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.146 min Scan# 1149
Delta R.T. -0.005 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.8	107.8
115	109.7	29.4	44.2#



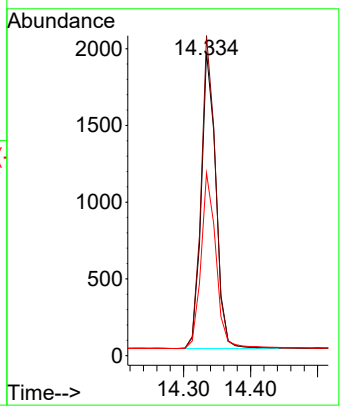


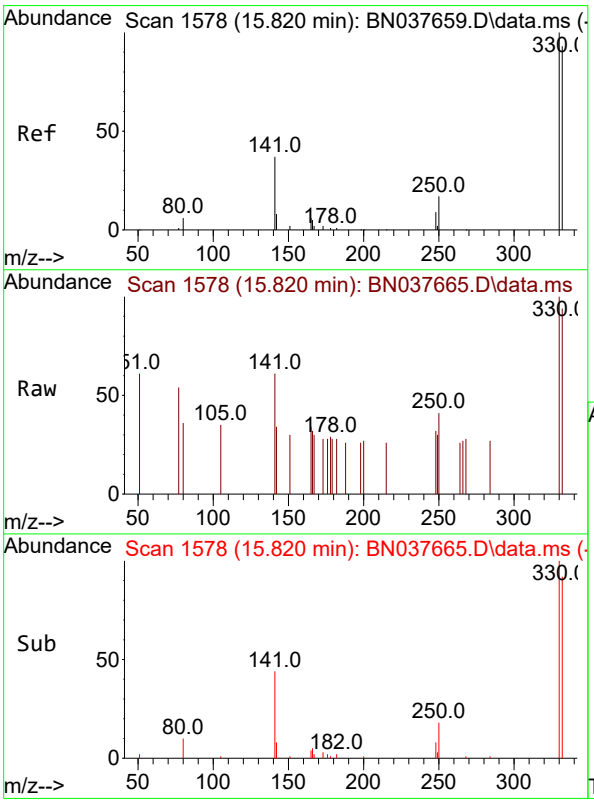
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:164 Resp: 2920

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.6	126.8
160	60.1	45.6	68.4

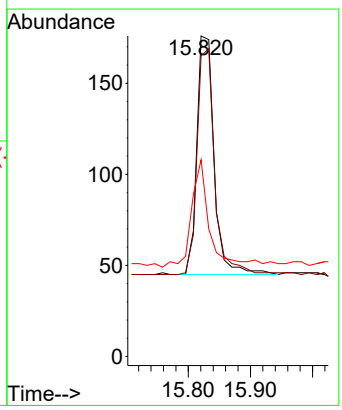


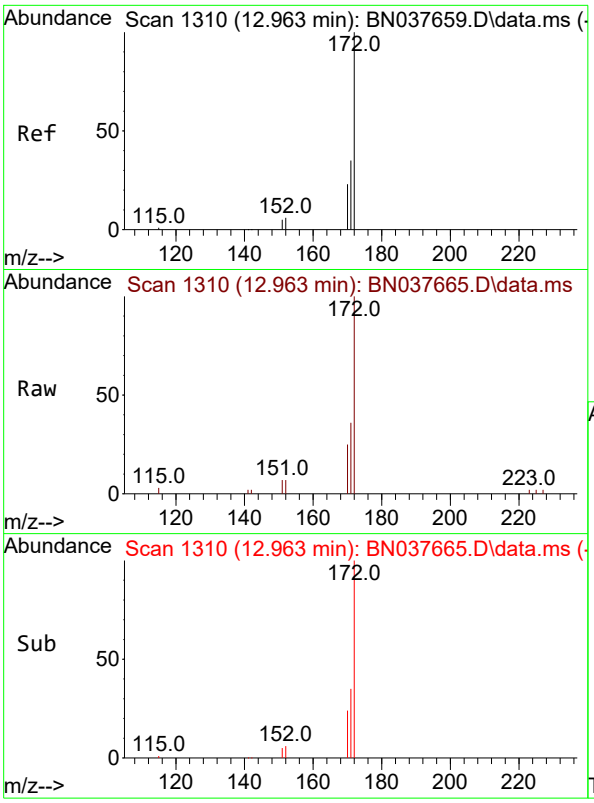


#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 15.820 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:330 Resp: 254

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	48.4	31.4	47.2#



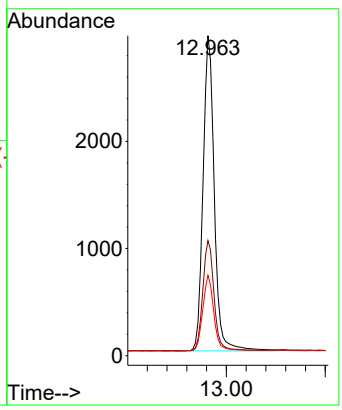


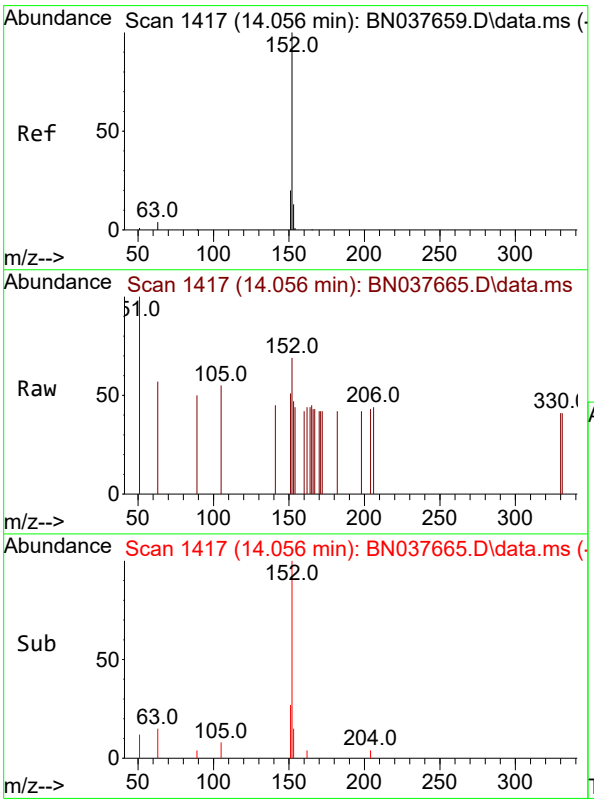
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:172 Resp: 6103

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.4	42.6
170	25.1	19.4	29.2

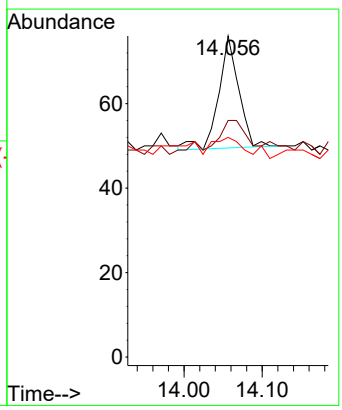


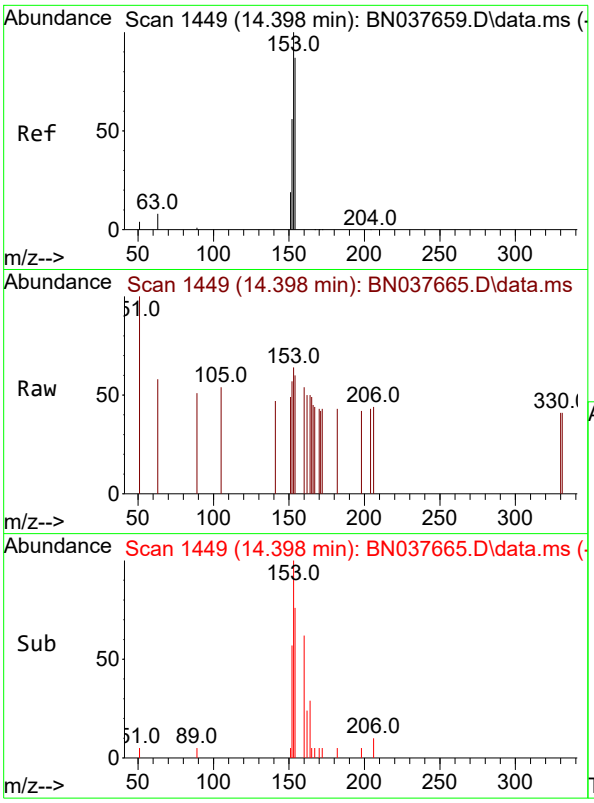


#16
Acenaphthylene
Concen: 0.004 ng
RT: 14.056 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:152 Resp: 47

Ion	Ratio	Lower	Upper
152	100		
151	31.9	16.2	24.4#
153	31.9	10.9	16.3#



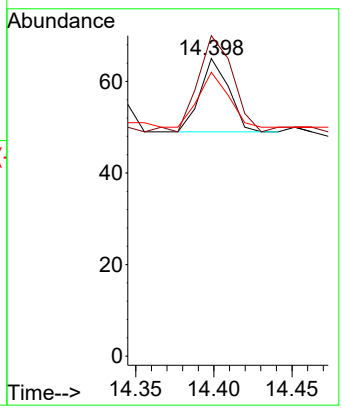


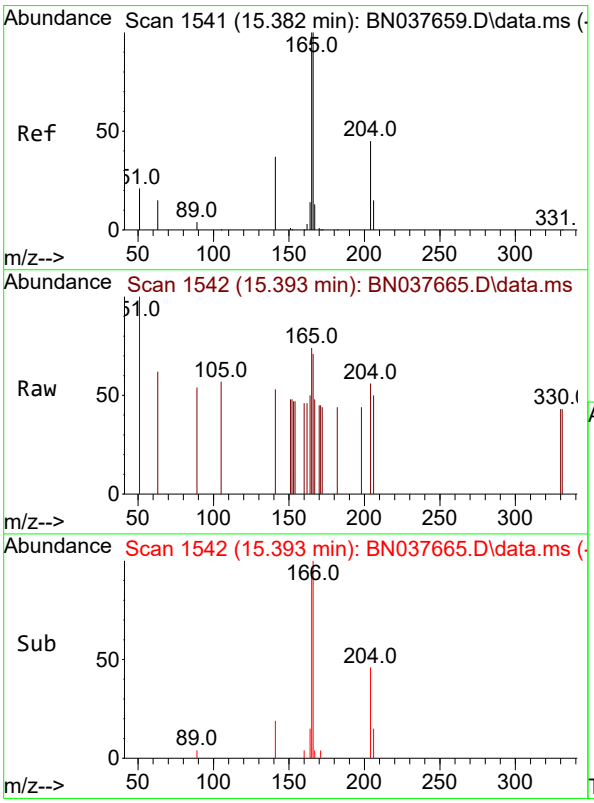
#17
Acenaphthene
Concen: 0.002 ng
RT: 14.398 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:154 Resp: 21

Ion	Ratio	Lower	Upper
154	100		
153	157.1	88.3	132.5#
152	114.3	51.4	77.2#

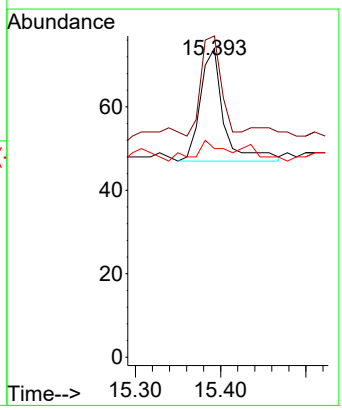


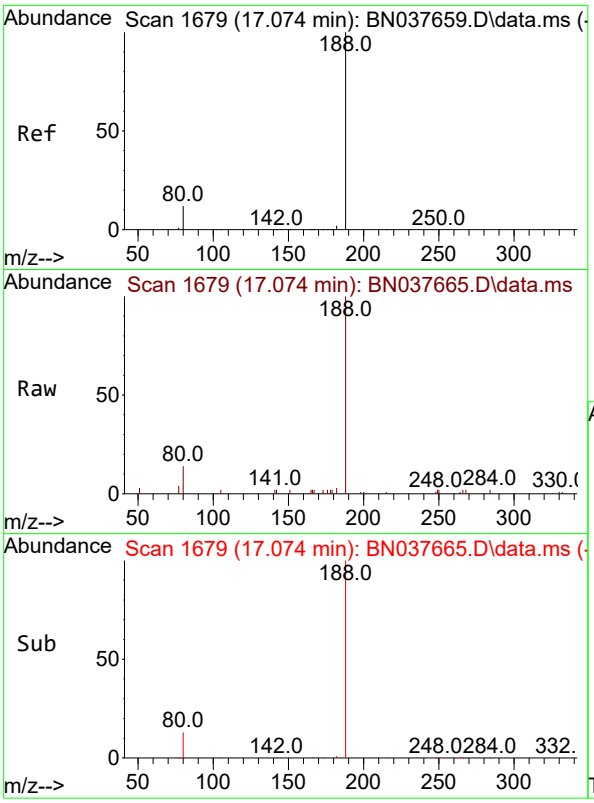


#18
Fluorene
Concen: 0.005 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:166 Resp: 51

Ion	Ratio	Lower	Upper
166	100		
165	78.4	79.0	118.4#
167	21.6	10.5	15.7#



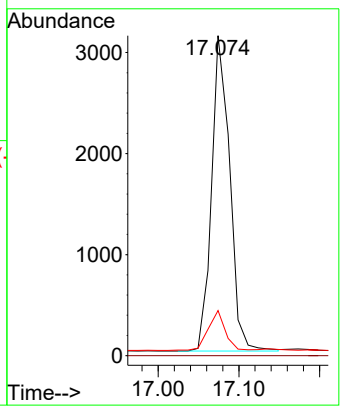


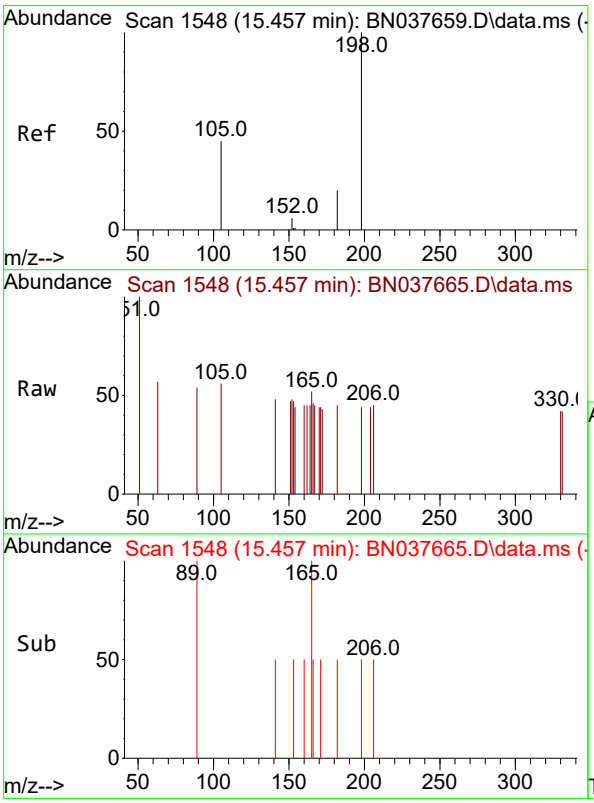
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:188 Resp: 4860

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	10.8	16.2

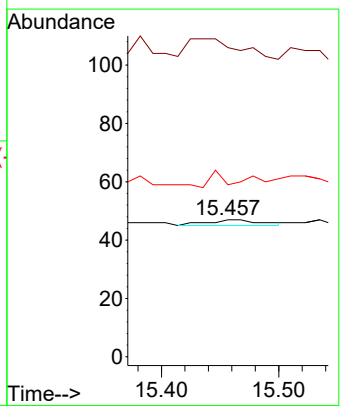


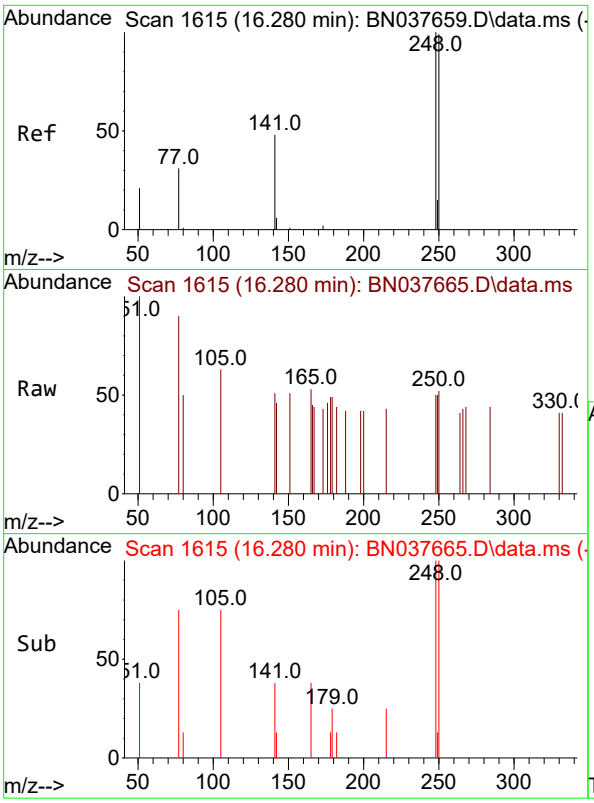


#20
4,6-Dinitro-2-methylphenol
Concen: 0.007 ng
RT: 15.457 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	225.5	69.0	103.4#
105	125.5	47.8	71.8#



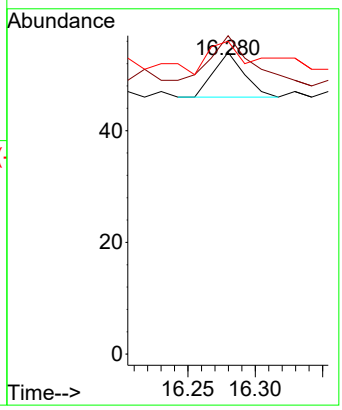


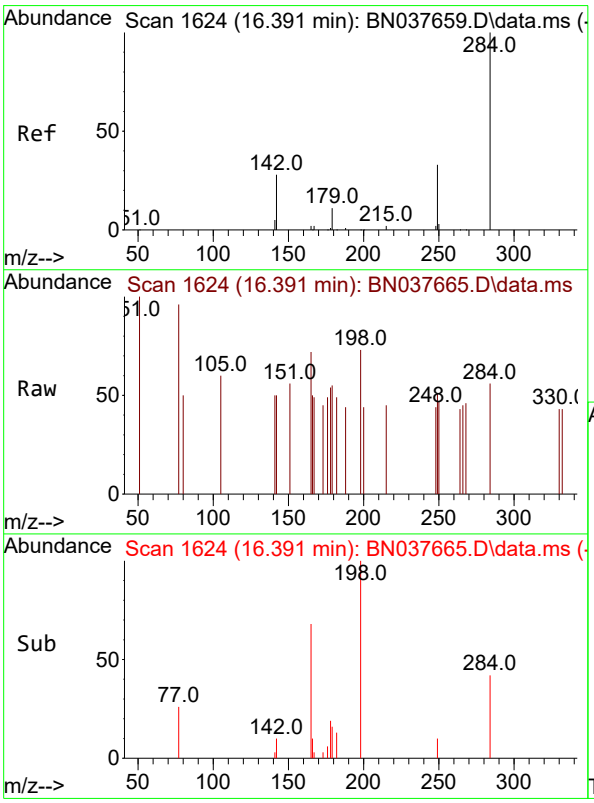
#21
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.280 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:248 Resp: 13

Ion	Ratio	Lower	Upper
248	100		
250	105.6	79.2	118.8
141	103.7	40.2	60.4#

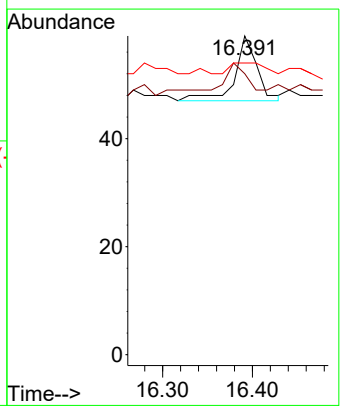


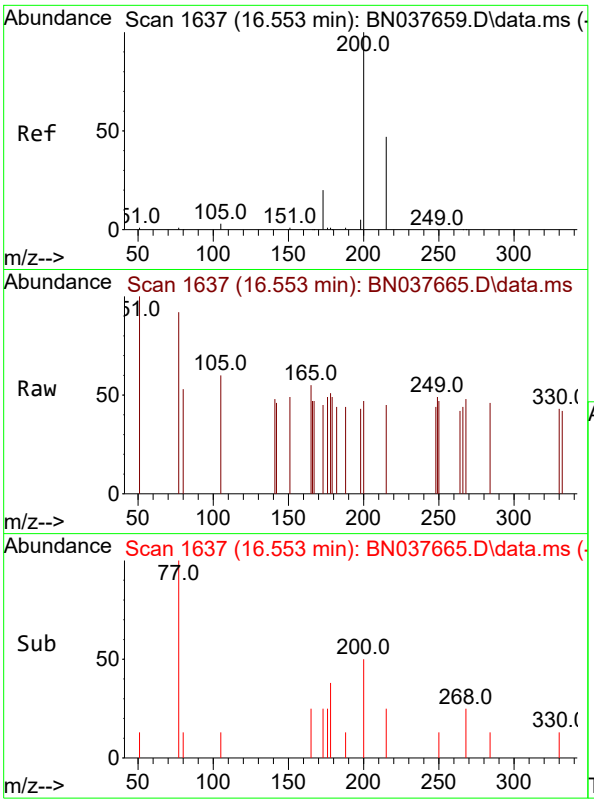


#22
Hexachlorobenzene
Concen: 0.005 ng
RT: 16.391 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:284 Resp: 21

Ion	Ratio	Lower	Upper
284	100		
142	52.4	28.4	42.6#
249	23.8	25.1	37.7#



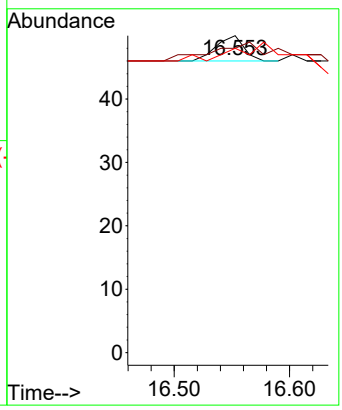


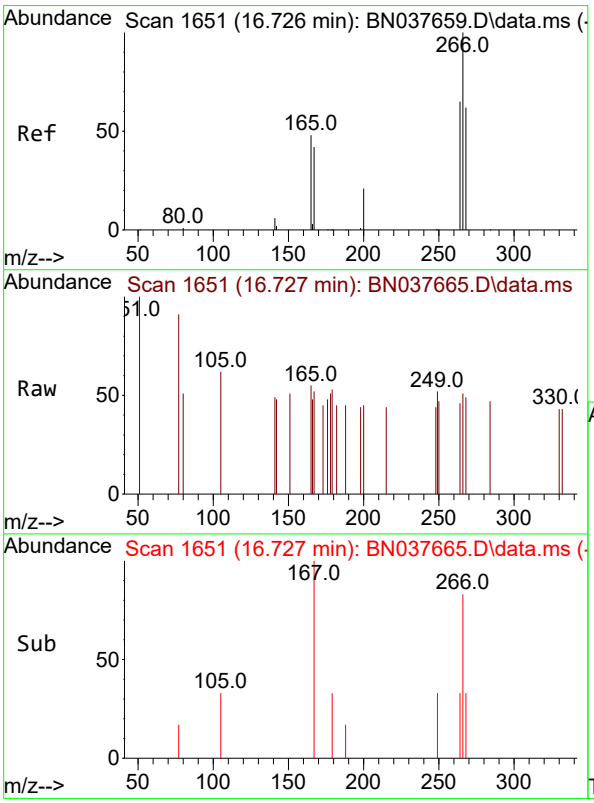
#23
Atrazine
Concen: 0.003 ng
RT: 16.553 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:200 Resp: 7

Ion	Ratio	Lower	Upper
200	100		
173	96.0	20.1	30.1#
215	96.0	40.6	61.0#

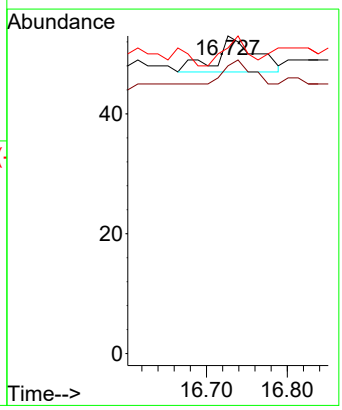


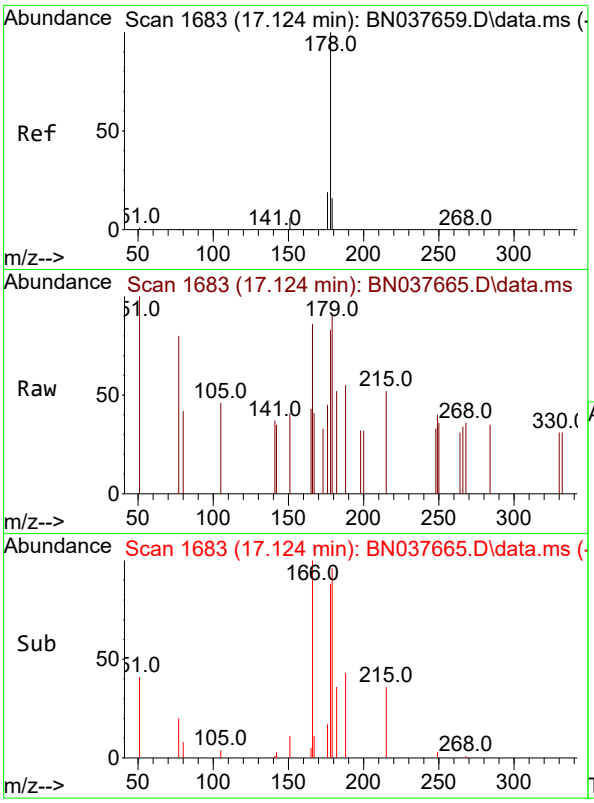


#24
Pentachlorophenol
Concen: 0.010 ng
RT: 16.727 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
264	45.0	49.6	74.4#
268	50.0	50.2	75.2#



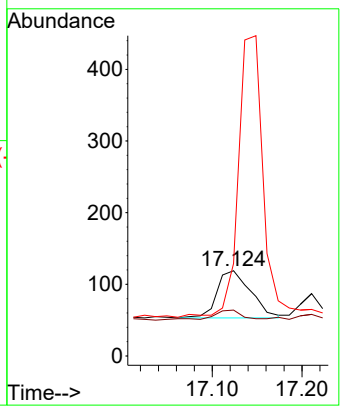


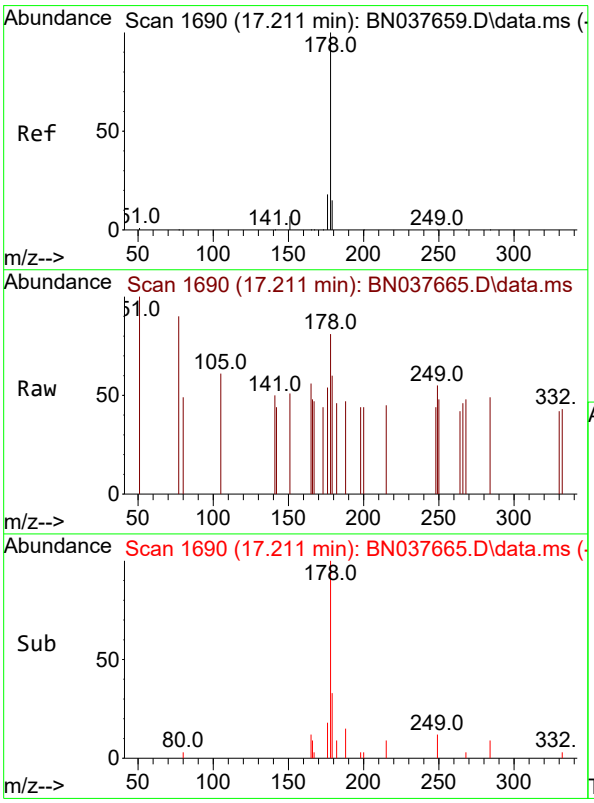
#25
Phenanthrene
Concen: 0.012 ng
RT: 17.124 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:178 Resp: 173

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	0.0	12.5	18.7#

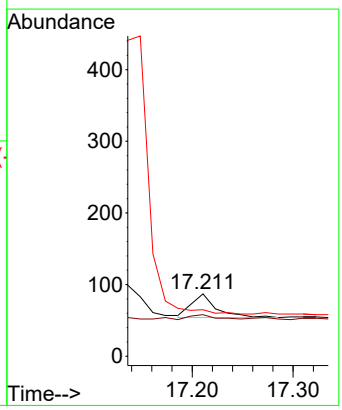


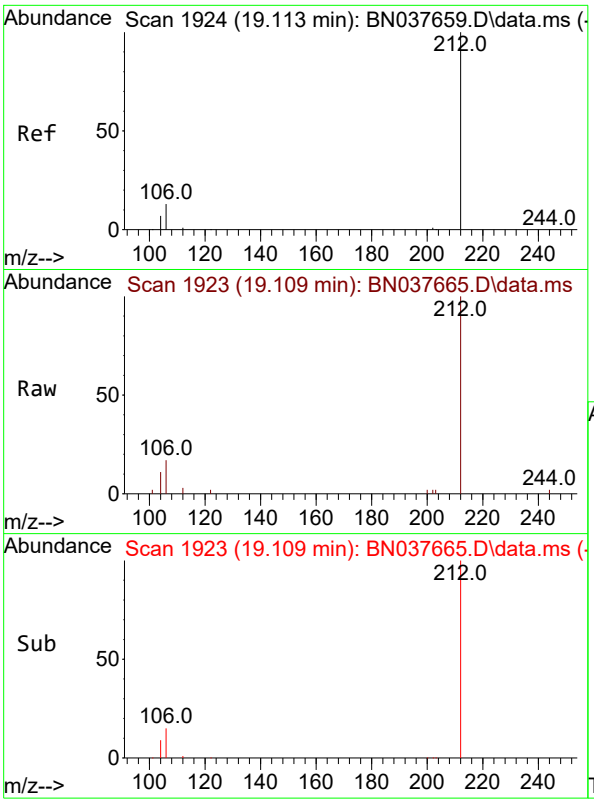


#26
Anthracene
Concen: 0.004 ng
RT: 17.211 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	26.3	14.6	22.0#
179	0.0	12.2	18.2#



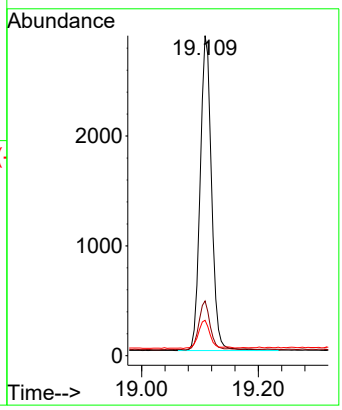


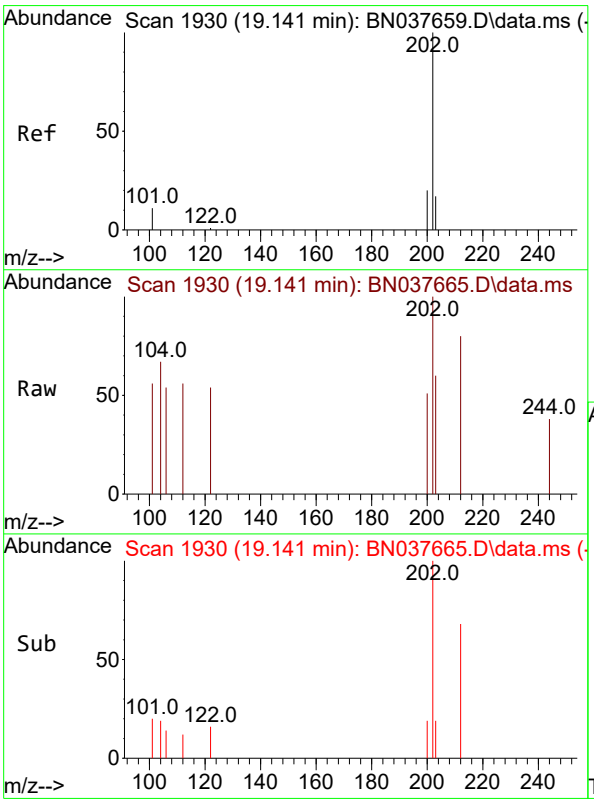
#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.109 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:212 Resp: 3904

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.0	18.0
104	9.0	6.8	10.2

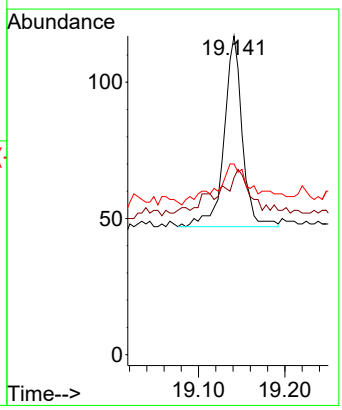


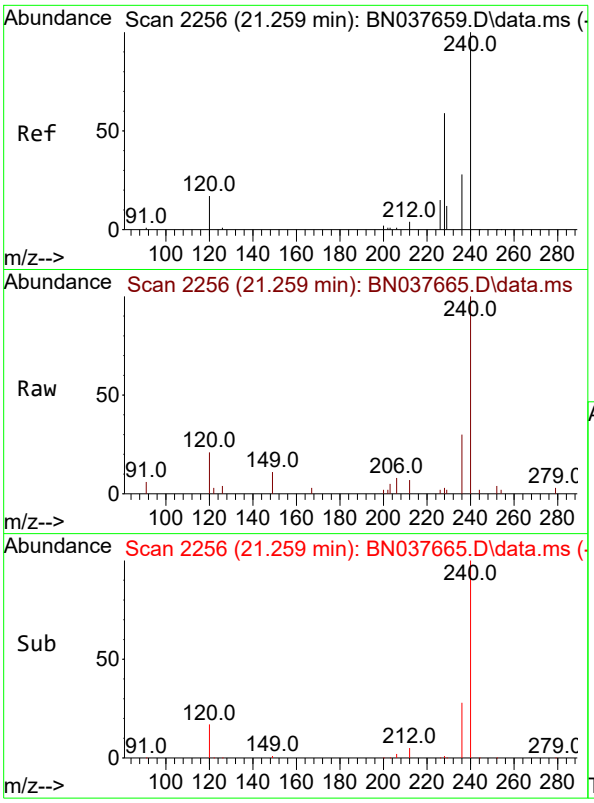


#28
Fluoranthene
Concen: 0.006 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:202 Resp: 103

Ion	Ratio	Lower	Upper
202	100		
101	31.1	9.6	14.4#
203	16.5	13.8	20.8



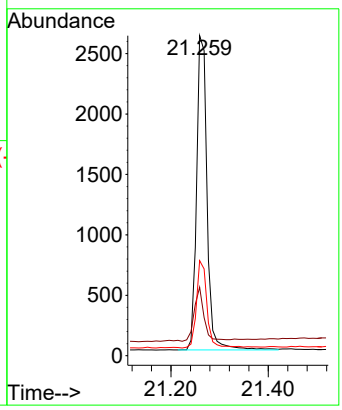


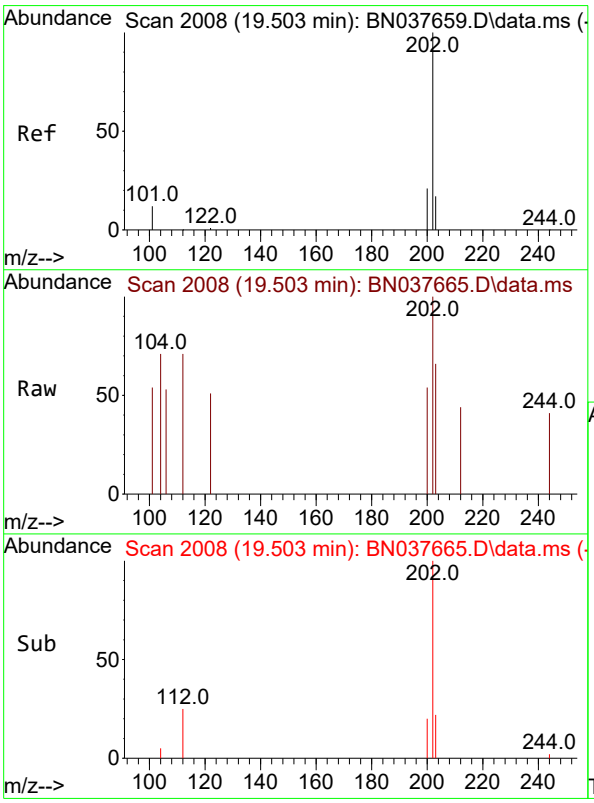
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:240 Resp: 3882

Ion	Ratio	Lower	Upper
240	100		
120	21.4	15.9	23.9
236	29.7	23.3	34.9

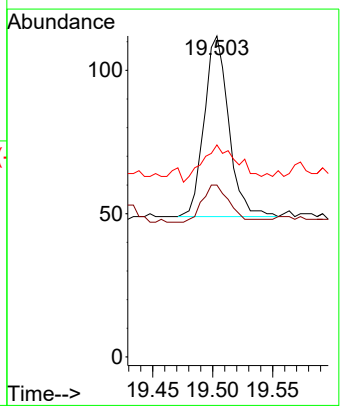


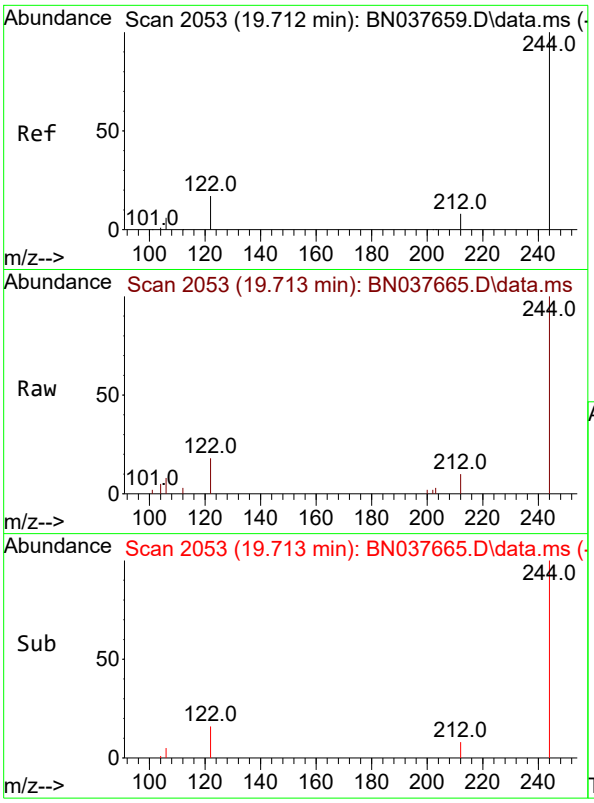


#30
Pyrene
Concen: 0.006 ng
RT: 19.503 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:202 Resp: 89

Ion	Ratio	Lower	Upper
202	100		
200	24.7	16.6	24.8
203	30.3	14.4	21.6#



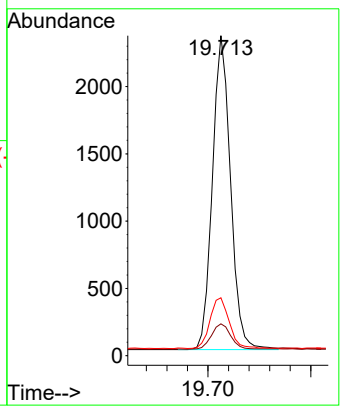


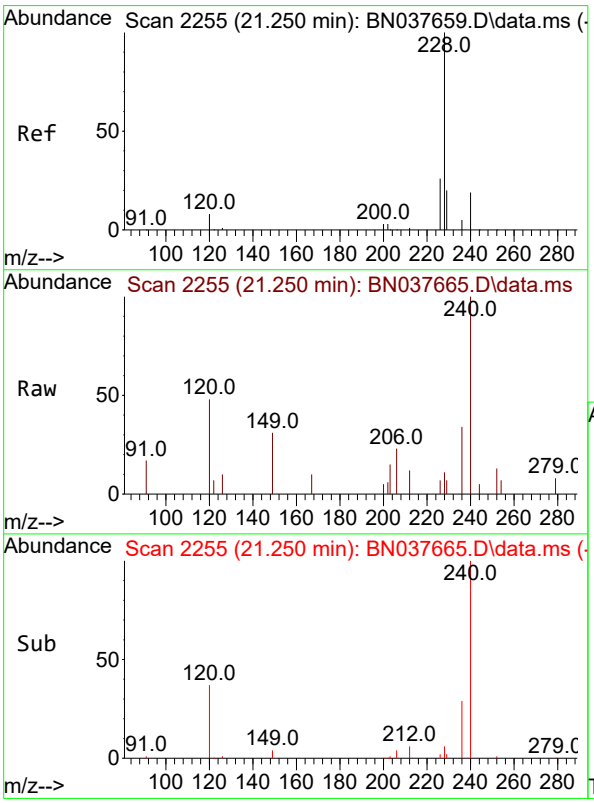
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.713 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:244 Resp: 2856

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.8	11.6
122	18.1	14.9	22.3

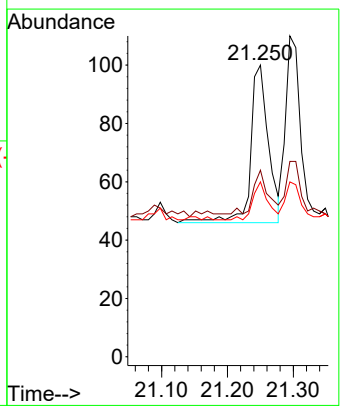


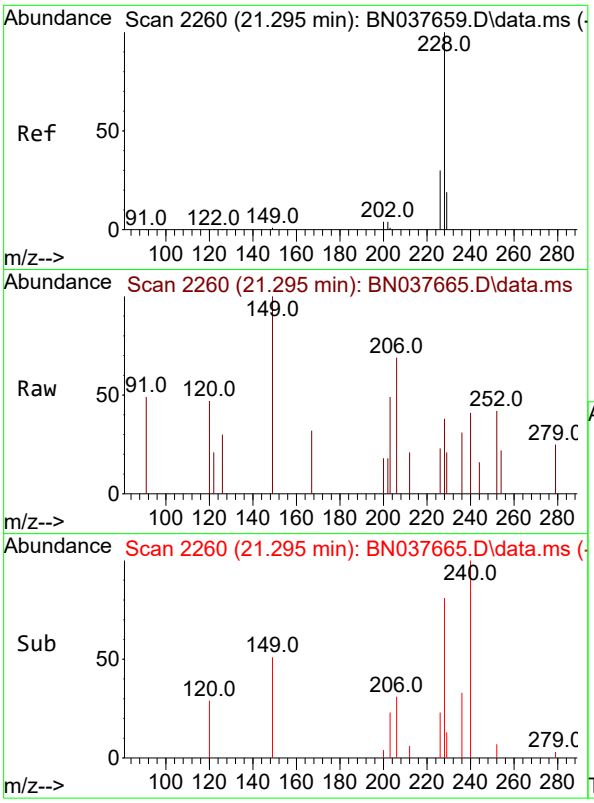


#32
Benzo(a)anthracene
Concen: 0.008 ng
RT: 21.250 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:228 Resp: 102

Ion	Ratio	Lower	Upper
228	100		
226	64.0	21.4	32.2#
229	60.0	16.2	24.2#



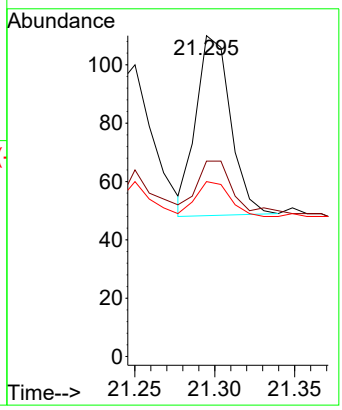


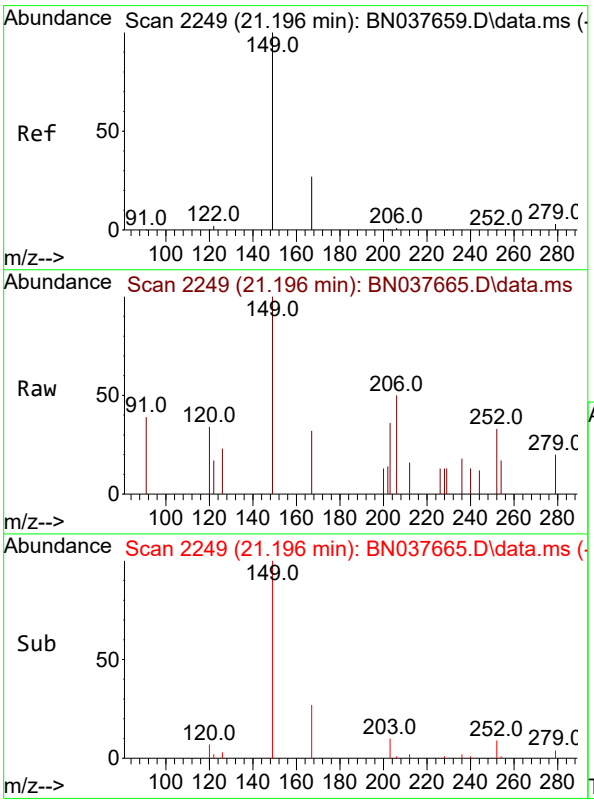
#33
Chrysene
Concen: 0.007 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:228 Resp: 93

Ion	Ratio	Lower	Upper
228	100		
226	60.9	24.9	37.3#
229	54.5	15.7	23.5#

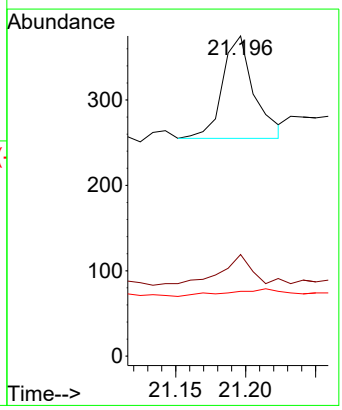


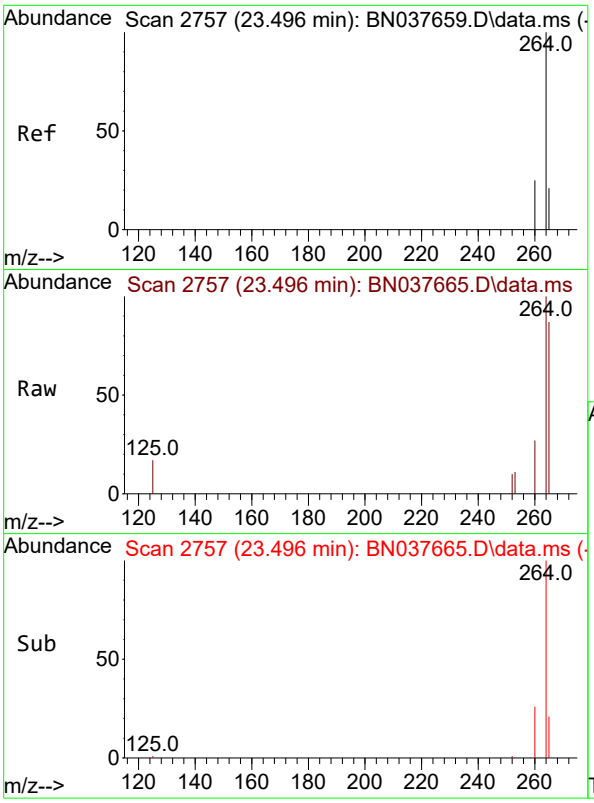


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.196 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:149 Resp: 188

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.7	32.5
279	13.3	2.4	3.6#



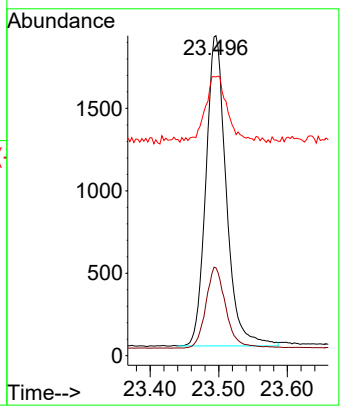


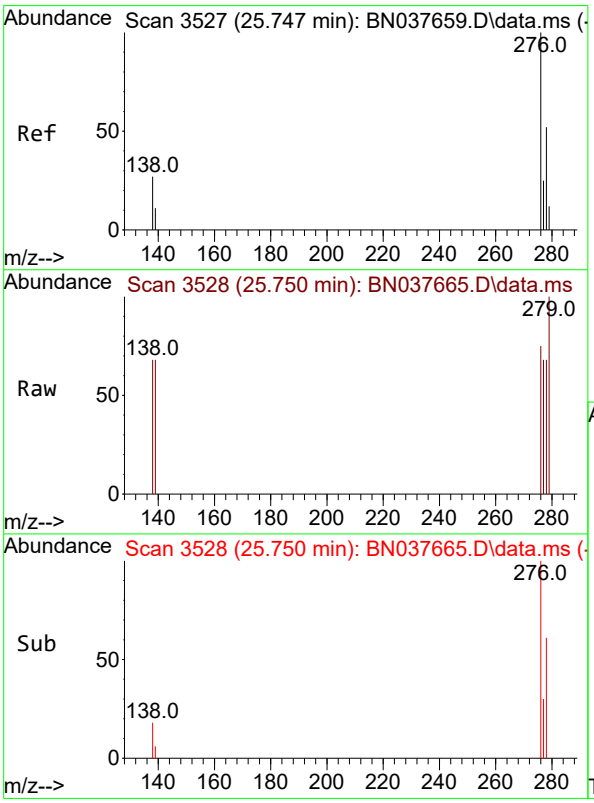
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:264 Resp: 3882

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.0	31.4
265	87.1	53.7	80.5#

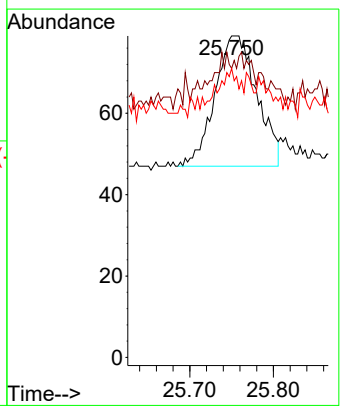


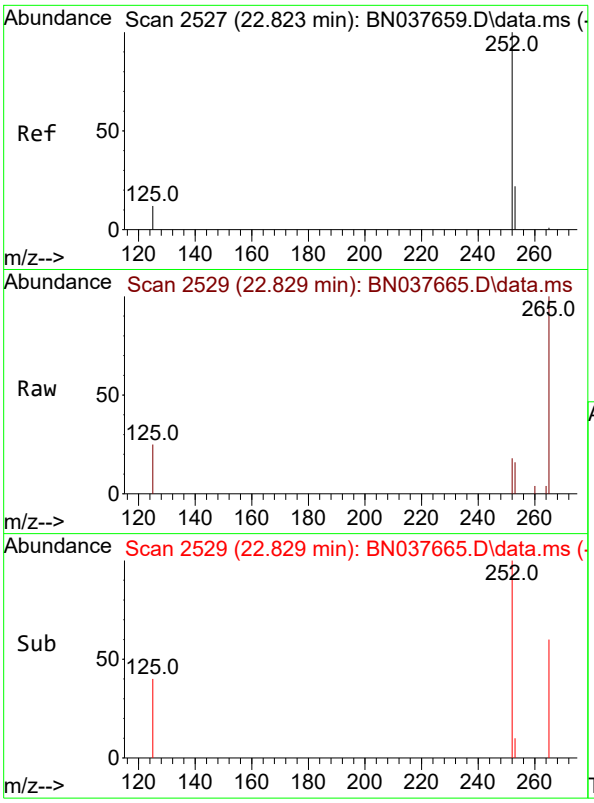


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 25.750 min Scan# 3528
Delta R.T. 0.003 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:276 Resp: 112

Ion	Ratio	Lower	Upper
276	100		
138	5.4	23.7	35.5#
277	9.8	20.2	30.2#



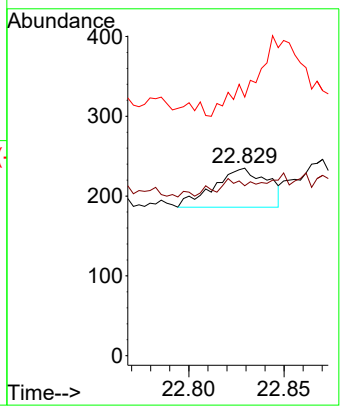


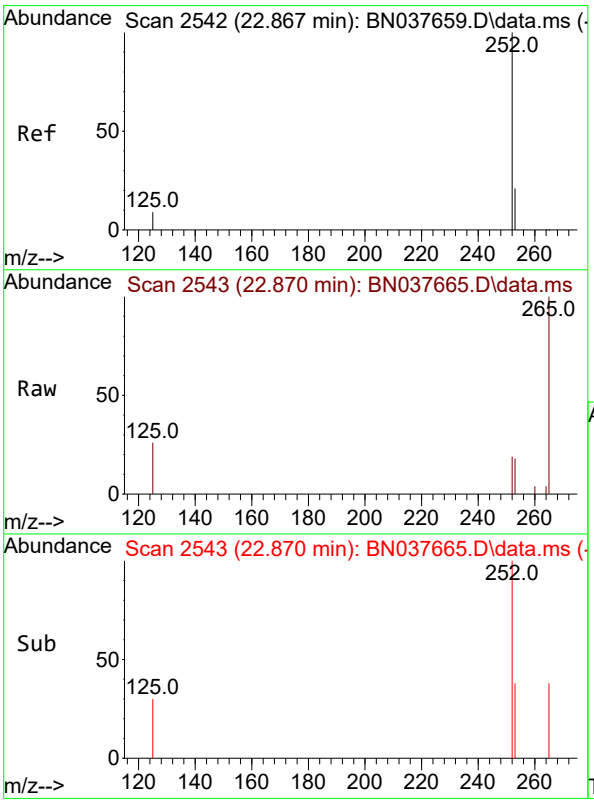
#37
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 22.829 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:252 Resp: 96

Ion	Ratio	Lower	Upper
252	100		
253	90.6	19.7	29.5#
125	137.9	13.9	20.9#

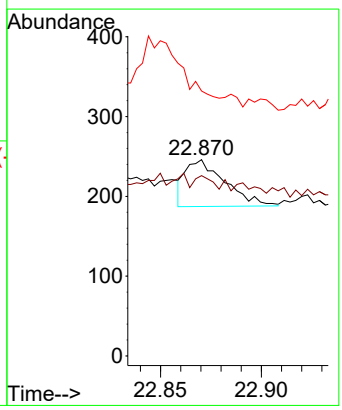


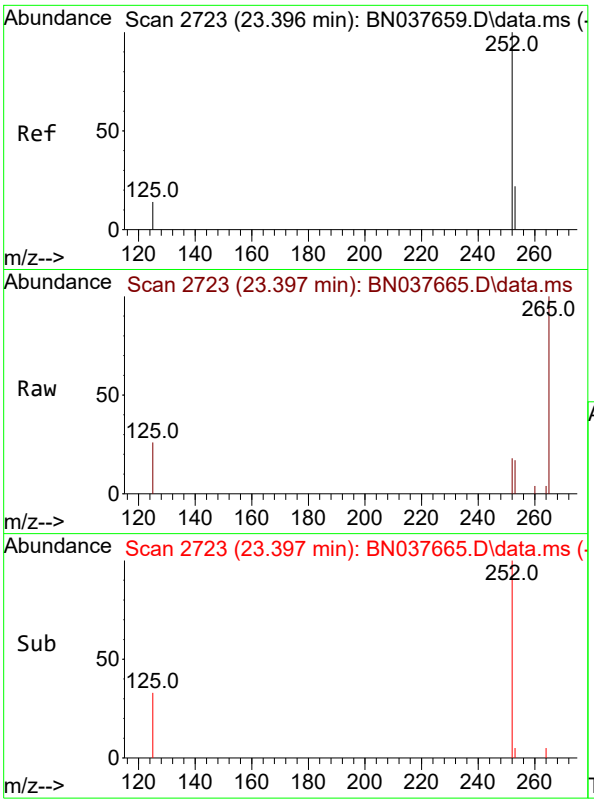


#38
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.870 min Scan# 2543
Delta R.T. 0.003 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:252 Resp: 80

Ion	Ratio	Lower	Upper
252	100		
253	91.9	19.7	29.5#
125	135.0	13.7	20.5#



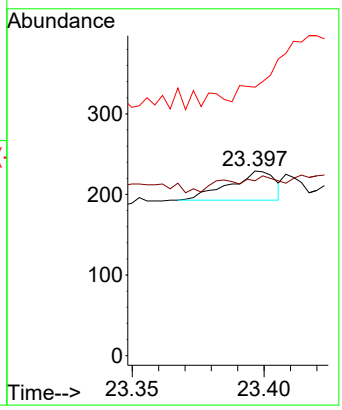


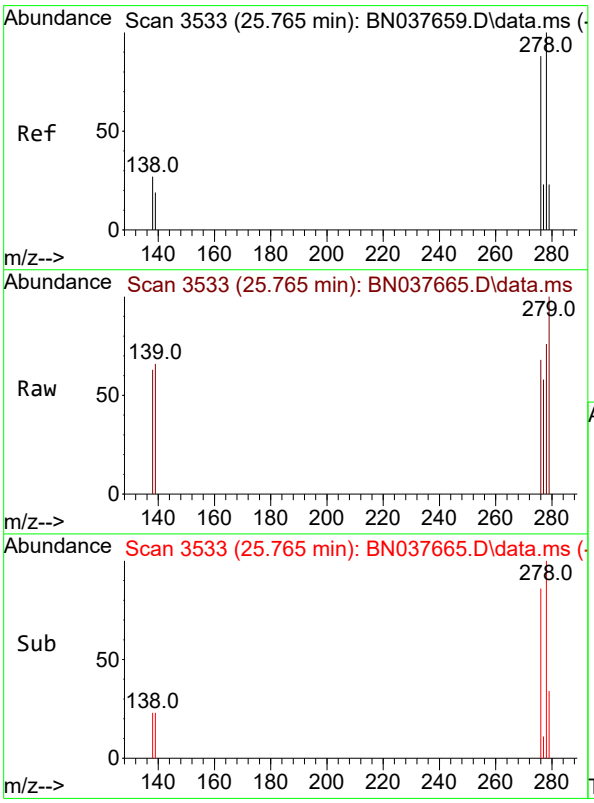
#39
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.397 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:252 Resp: 43

Ion	Ratio	Lower	Upper
252	100		
253	94.8	21.1	31.7#
125	145.4	17.5	26.3#

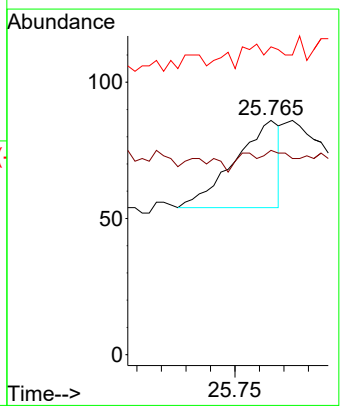


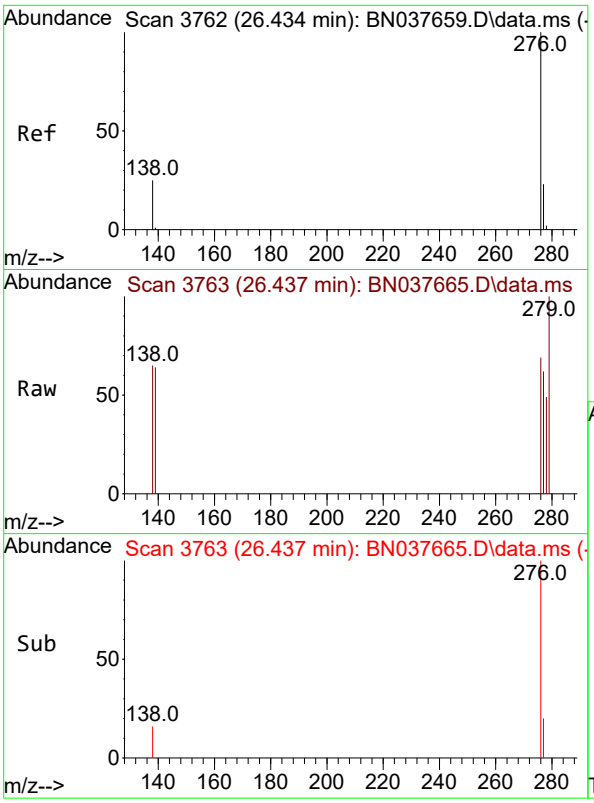


#40
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 25.765 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:278 Resp: 40

Ion	Ratio	Lower	Upper
278	100		
139	87.2	17.7	26.5#
279	131.4	21.1	31.7#





#41
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 26.437 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:276 Resp: 79

Ion	Ratio	Lower	Upper
276	100		
277	90.4	20.1	30.1#
138	94.5	21.8	32.6#