Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037321.D
Acq On : 18 Jun 2025 19:32
Operator : RC/JU
Sample : PB168508BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Quant Time: Jun 19 02:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	752	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	1540	0.400	ng	# 0.01
13) Acenaphthene-d10	14.224	164	1164	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2216	0.400	ng	0.01
29) Chrysene-d12	21.171	240	2244	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	2480	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	554	0.405	ng	0.00
5) Phenol-d6	6.759	99	422	0.314	ng	0.00
8) Nitrobenzene-d5	8.749	82	394	0.307	ng	0.02
11) 2-Methylnaphthalene-d10	11.966	152	877	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	160	0.186	ng	0.02
15) 2-Fluorobiphenyl	12.858	172	1548	0.303	ng	0.02
27) Fluoranthene-d10	19.012	212	2616	0.372	ng	0.00
31) Terphenyl-d14	19.621	244	2001	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	10	0.015	ng	# 31
3) n-Nitrosodimethylamine	3.437	42	9	0.012	ng	# 20
6) bis(2-Chloroethyl)ether	7.214	93	7	0.006	ng	89
9) Naphthalene	10.415	128	25	0.006	ng	# 1
10) Hexachlorobutadiene	10.714	225	1	0.000	ng	# 19
12) 2-Methylnaphthalene	12.047	142	8	0.003	ng	# 66
16) Acenaphthylene	13.946	152	13	0.003	ng	# 56
17) Acenaphthene	14.288	154	17	0.005	ng	# 87
18) Fluorene	15.293	166	10	0.002	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.421	198	4	0.006	ng	# 27
21) 4-Bromophenyl-phenylether	16.165	248	2	0.001	ng	# 71
22) Hexachlorobenzene	16.314	284	8	0.004	ng	# 40
23) Atrazine	16.450	200	1	0.001	ng	# 31
24) Pentachlorophenol	16.661	266	2	0.002	ng	# 17
25) Phenanthrene	17.058	178	72	0.012	ng	# 1
26) Anthracene	17.058	178	83	0.014	ng	# 1
28) Fluoranthene	19.040	202	25	0.003	ng	# 92
30) Pyrene	19.412	202	21	0.002	ng	# 79
32) Benzo(a)anthracene	21.171	228	23	0.003	ng	# 1
33) Chrysene	21.216	228	36	0.004	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	59	0.020	ng	# 73
36) Indeno(1,2,3-cd)pyrene	25.535	276	1	0.000	ng	# 1
37) Benzo(b)fluoranthene	22.720	252	5	0.001	ng	# 1
38) Benzo(k)fluoranthene	22.766	252	14	0.001	ng	# 1
39) Benzo(a)pyrene	23.275	252	9	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	25.573	278	3	0.000	ng	# 1
41) Benzo(g,h,i)perylene	26.237	276	21	0.002	ng	# 1

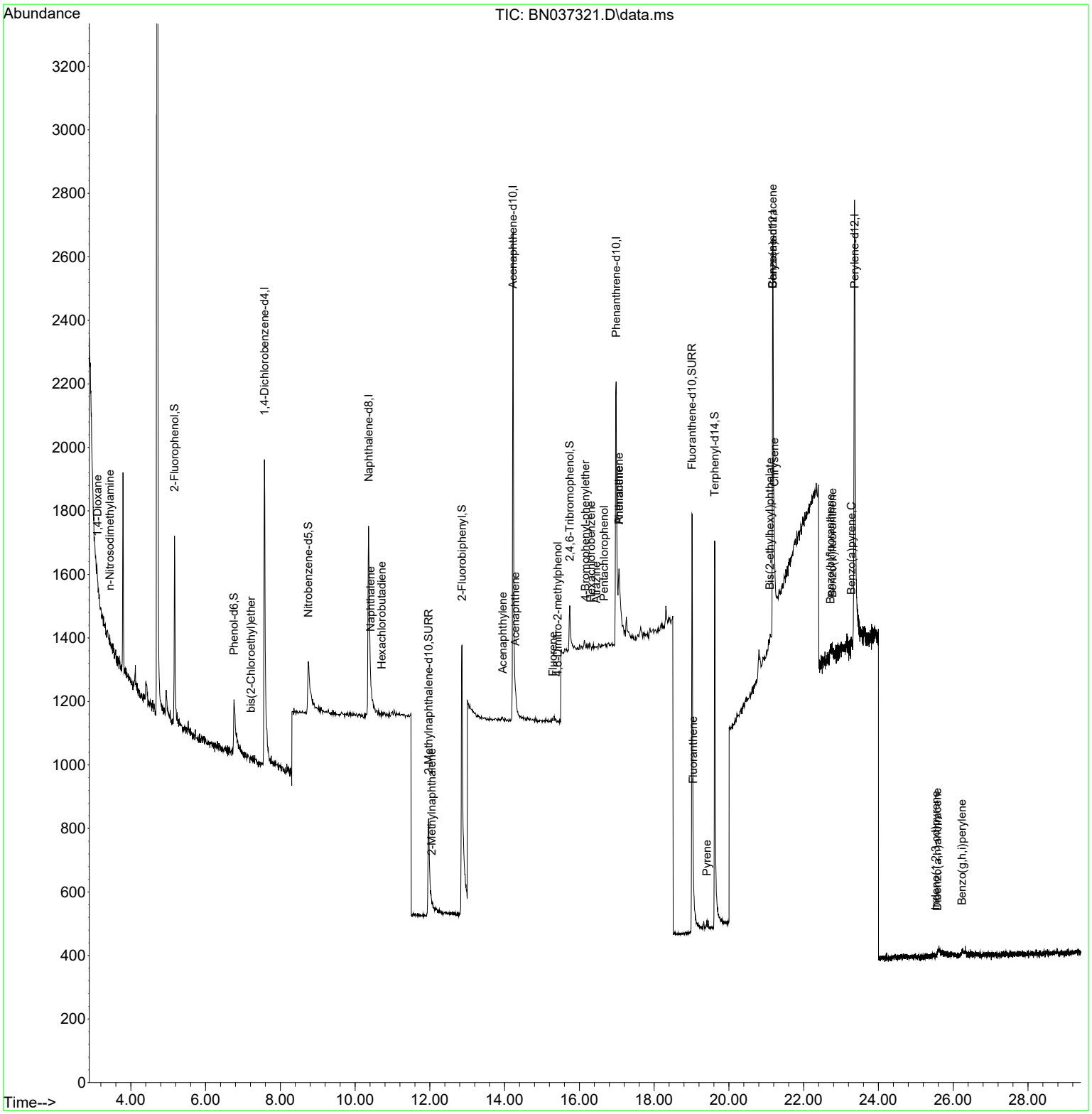
(#) = qualifier out of range (m) = manual integration (+) = signals summed

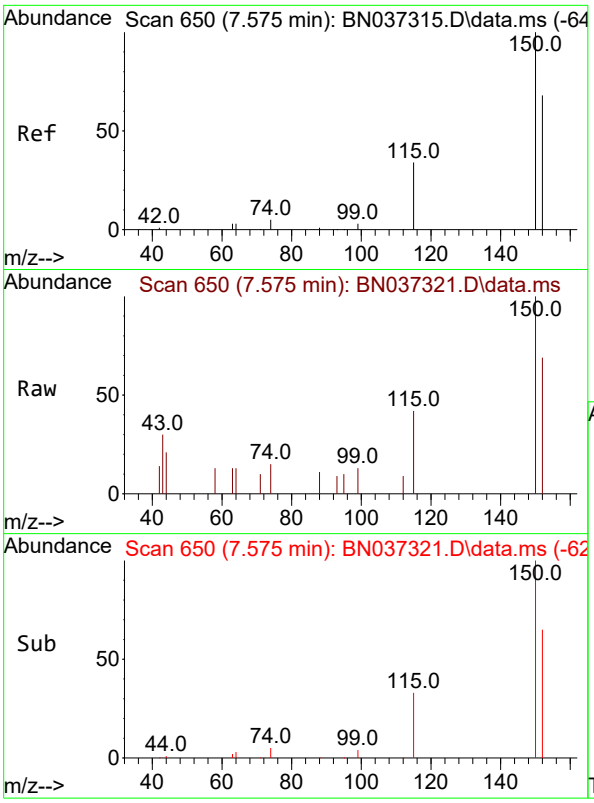
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037321.D
Acq On : 18 Jun 2025 19:32
Operator : RC/JU
Sample : PB168508BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Quant Time: Jun 19 02:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration



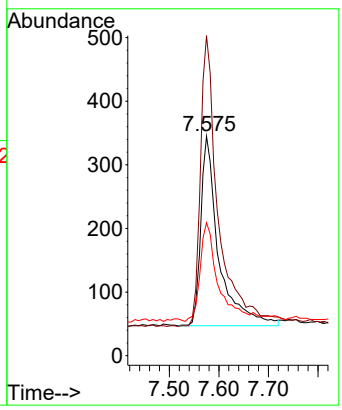


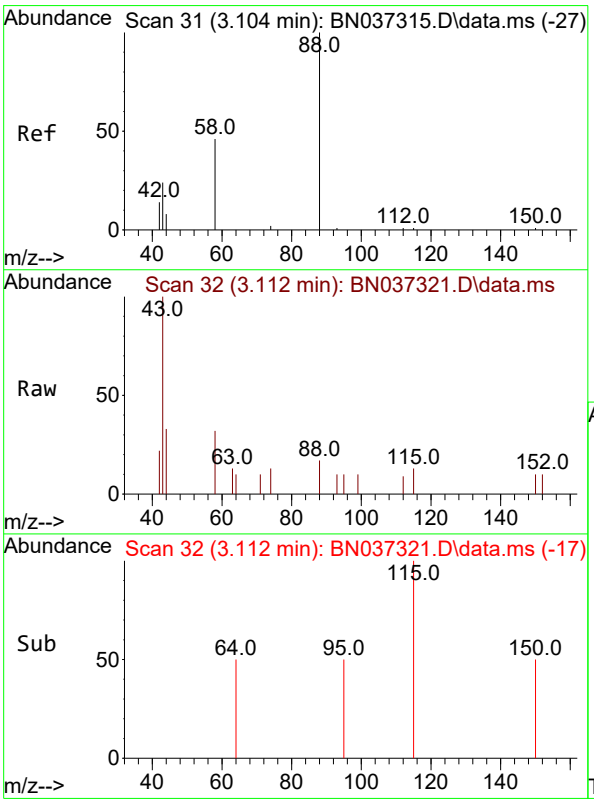
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:152 Resp: 752

Ion	Ratio	Lower	Upper
152	100		
150	145.8	112.7	169.1
115	60.6	45.9	68.9

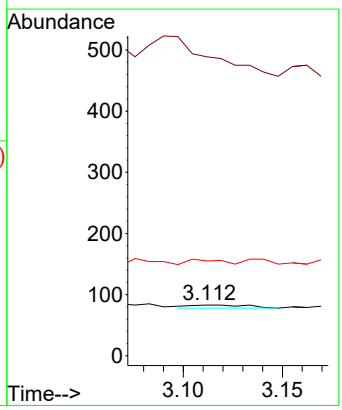


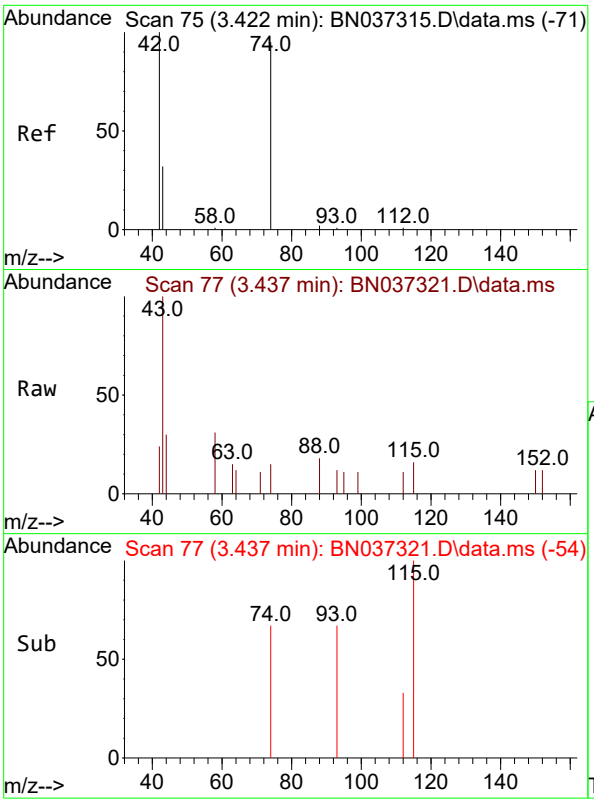


#2
1,4-Dioxane
Concen: 0.015 ng
RT: 3.112 min Scan# 32
Delta R.T. 0.007 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion: 88 Resp: 10

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.0	31.6#
58	100.0	38.0	57.0#



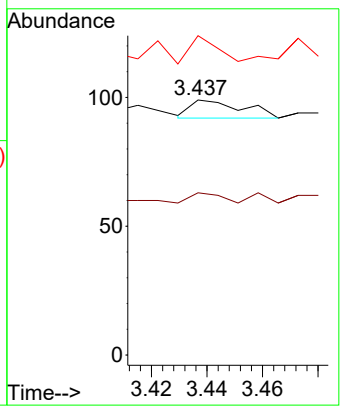


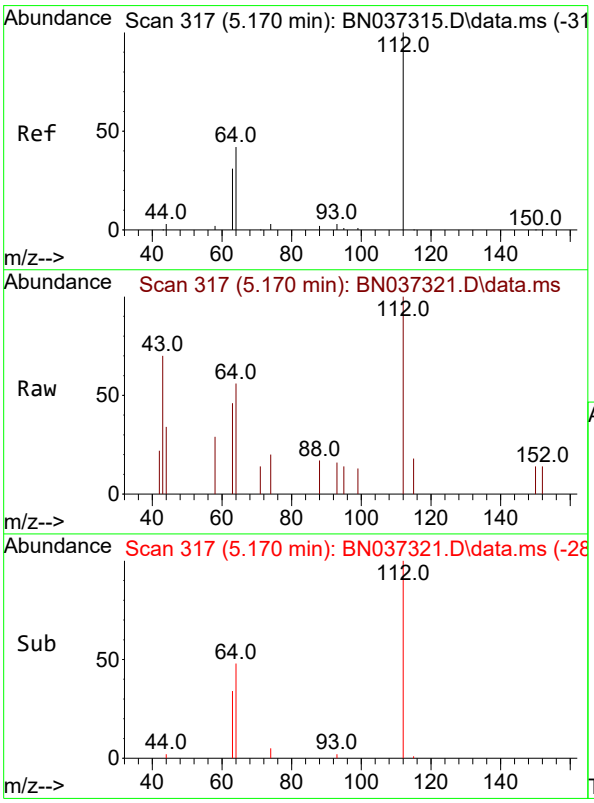
#3
n-Nitrosodimethylamine
Concen: 0.012 ng
RT: 3.437 min Scan# 7
Delta R.T. 0.014 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion: 42 Resp: 9

Ion	Ratio	Lower	Upper
42	100		
74	33.3	84.3	126.5#
44	88.9	5.0	7.4#

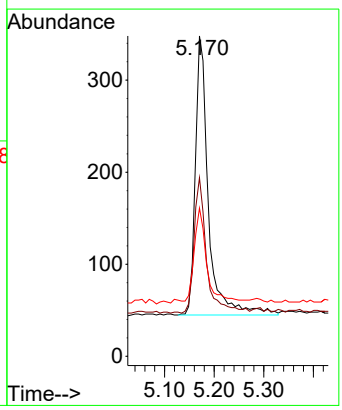


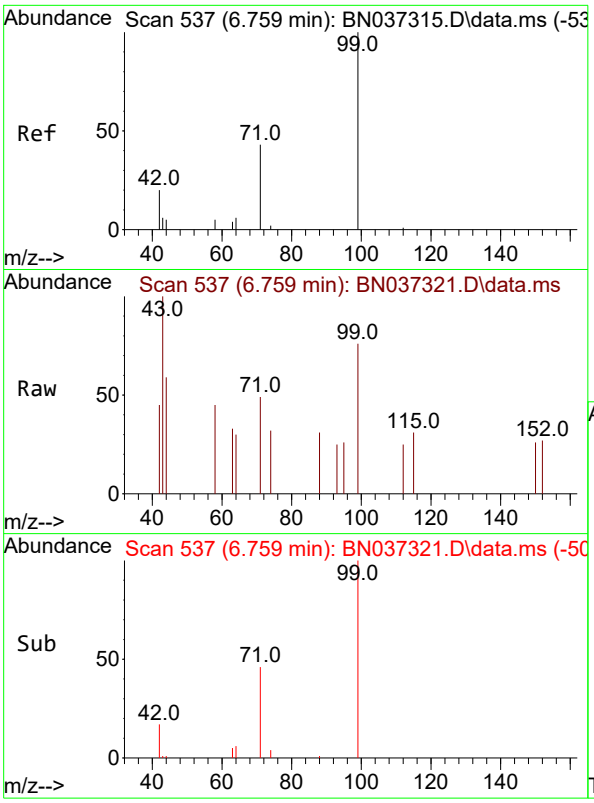


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:112 Resp: 554

Ion	Ratio	Lower	Upper
112	100		
64	46.4	38.7	58.1
63	32.1	26.4	39.6



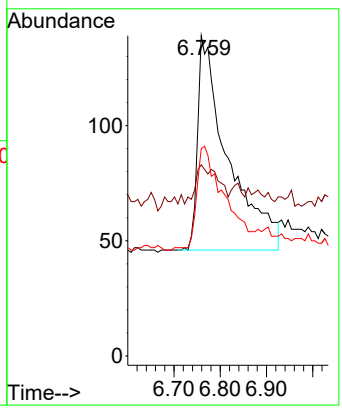


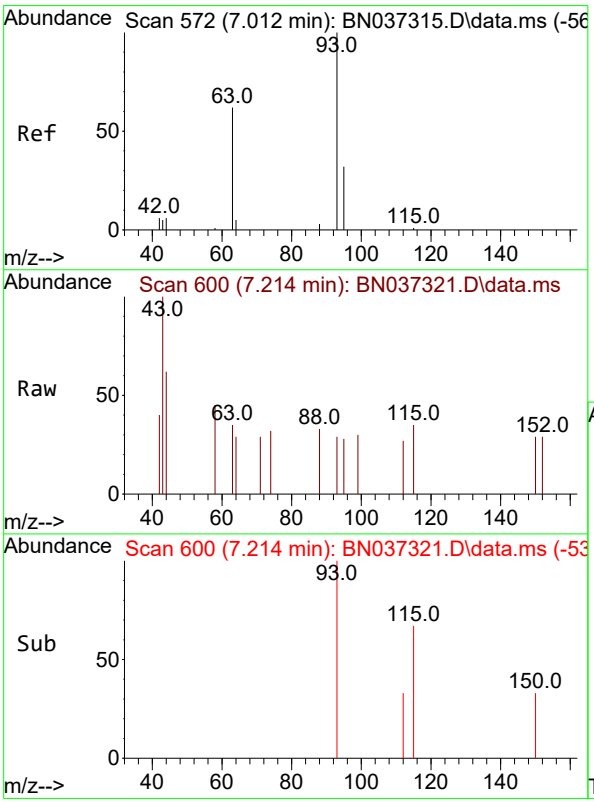
#5
Phenol-d6
Concen: 0.314 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion: 99 Resp: 422

Ion	Ratio	Lower	Upper
99	100		
42	13.3	19.8	29.8#
71	44.8	42.6	64.0

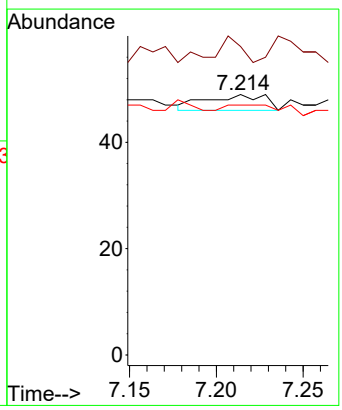


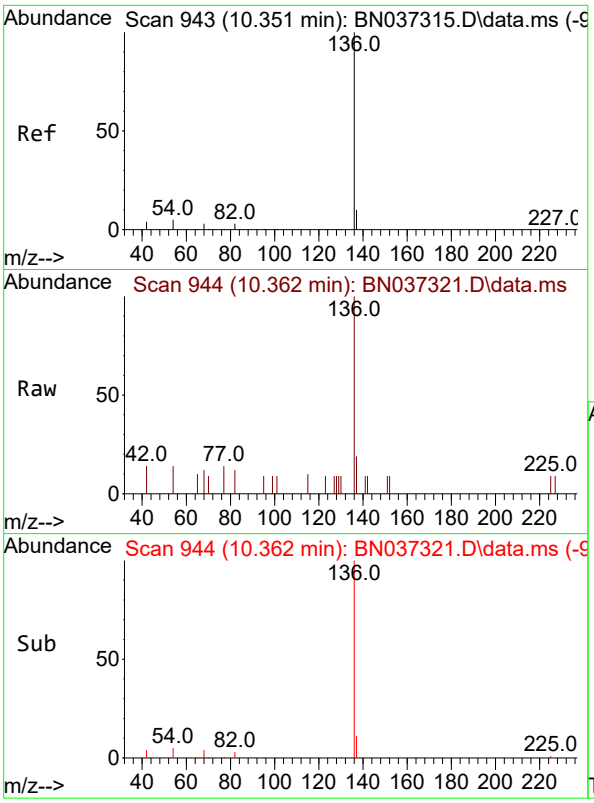


#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.214 min Scan# 600
Delta R.T. 0.202 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion: 93 Resp: 7

Ion	Ratio	Lower	Upper
93	100		
63	57.1	53.2	79.8
95	28.6	27.3	40.9



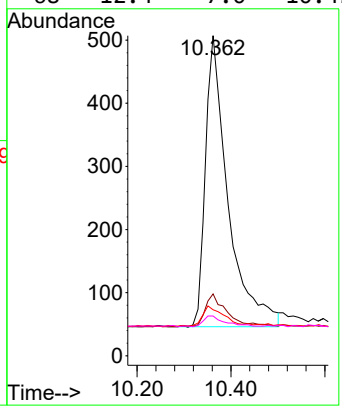


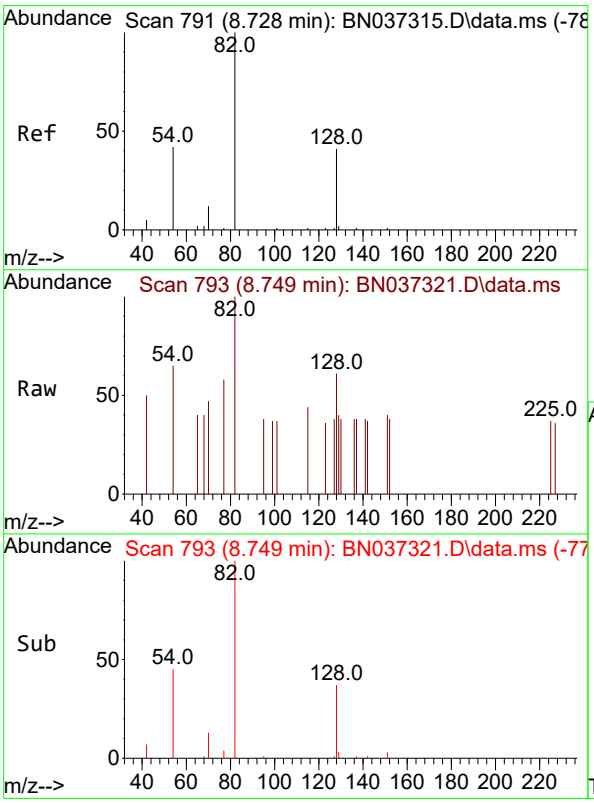
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:136 Resp: 1540

Ion	Ratio	Lower	Upper
136	100		
137	19.3	12.2	18.2#
54	14.4	8.8	13.2#
68	12.4	7.0	10.4#

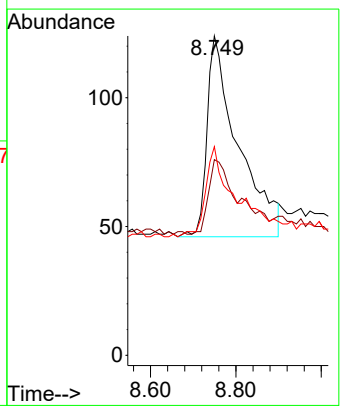


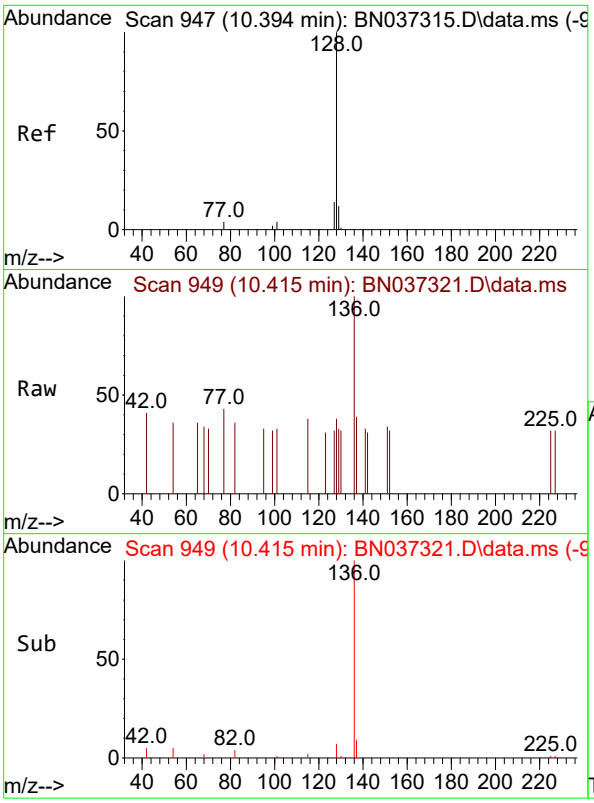


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.021 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion: 82 Resp: 394

Ion	Ratio	Lower	Upper
82	100		
128	61.3	42.5	63.7
54	65.3	43.2	64.8#



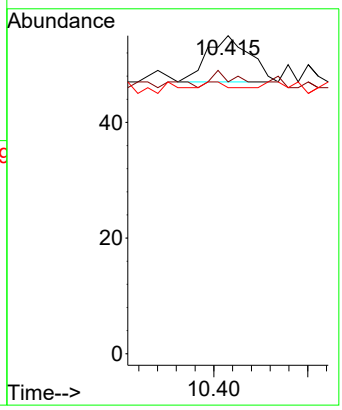


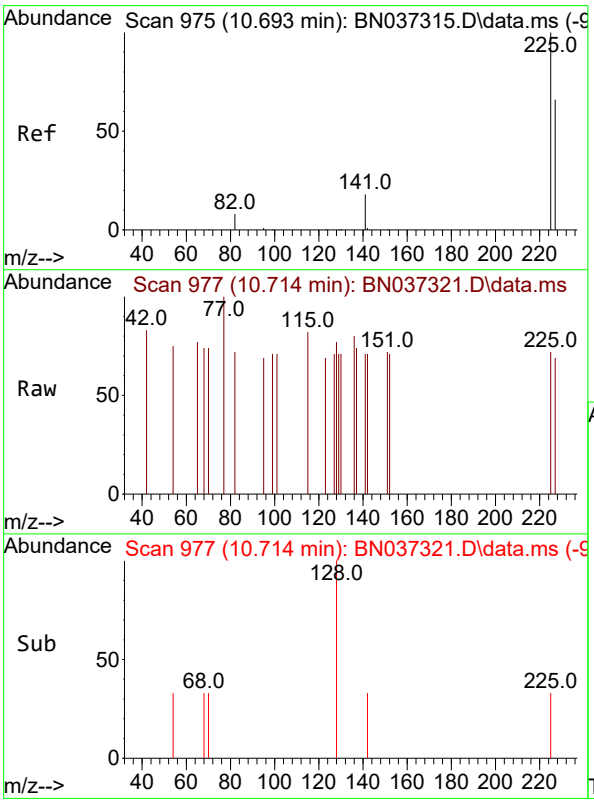
#9
Naphthalene
Concen: 0.006 ng
RT: 10.415 min Scan# 94
Delta R.T. 0.021 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:128 Resp: 25

Ion	Ratio	Lower	Upper
128	100		
129	85.5	14.0	21.0#
127	83.6	15.8	23.8#

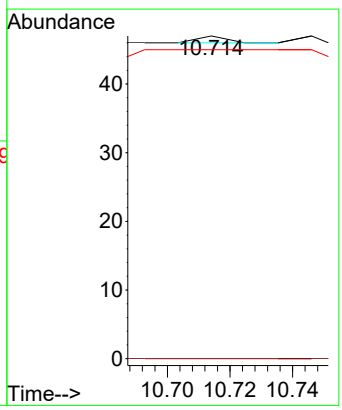


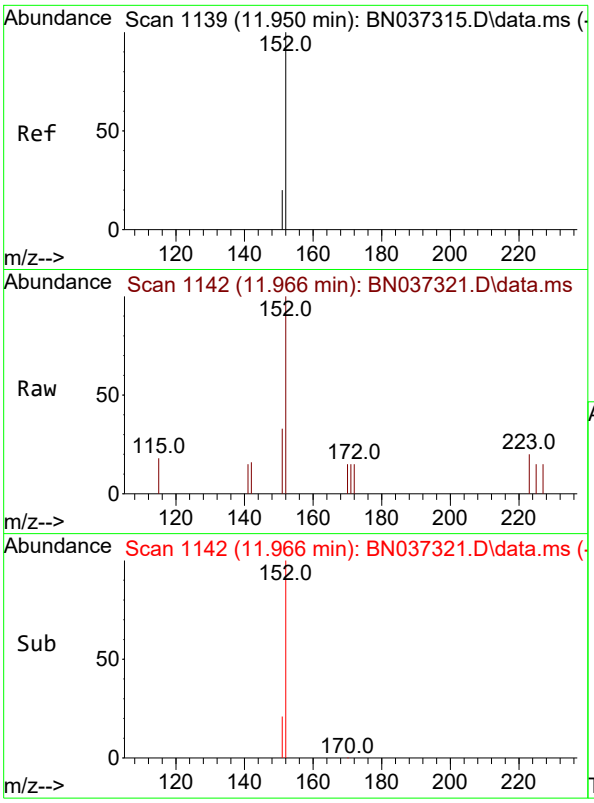


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.714 min Scan# 977
Delta R.T. 0.021 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	50.3	75.5#



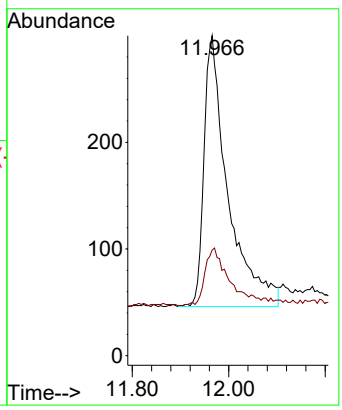


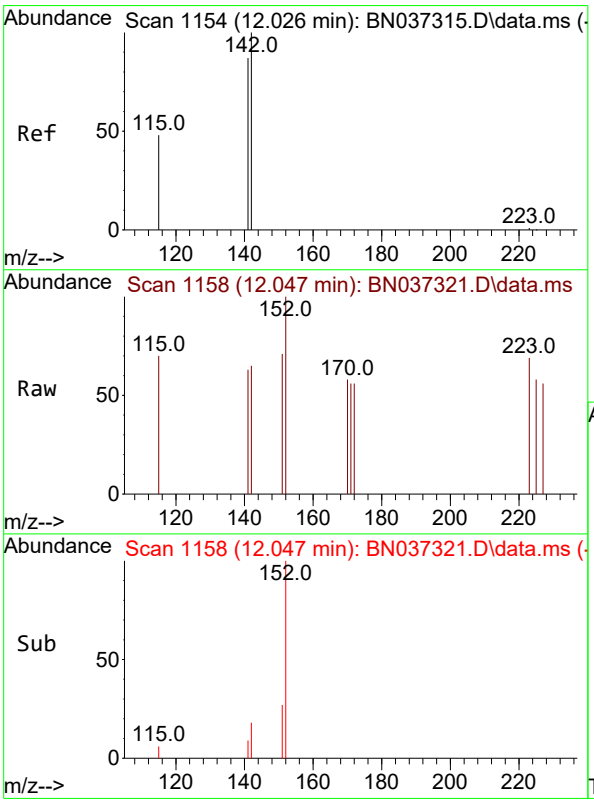
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.966 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:152 Resp: 877

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.4	26.0

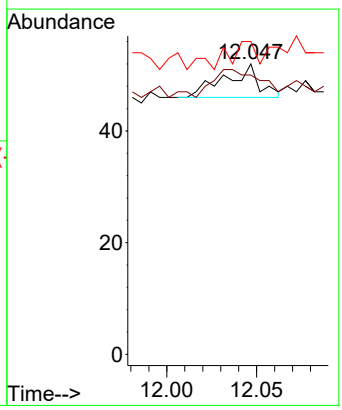


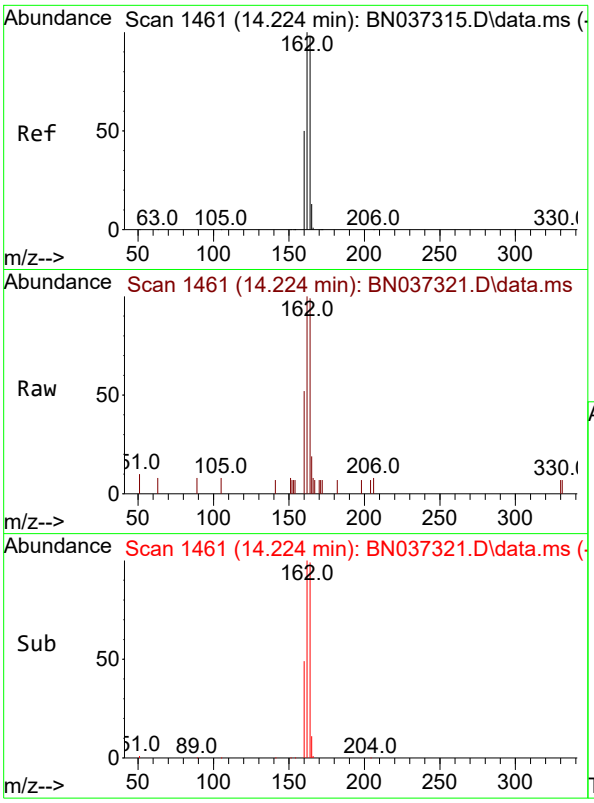


#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.047 min Scan# 1158
Delta R.T. 0.020 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:142 Resp: 8

Ion	Ratio	Lower	Upper
142	100		
141	96.2	70.2	105.2
115	107.7	43.0	64.4#



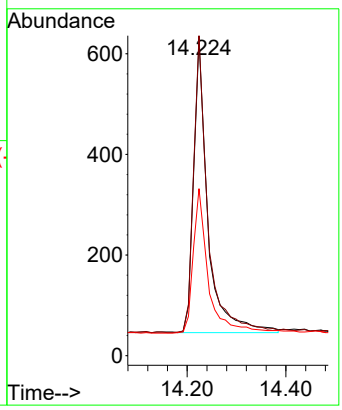


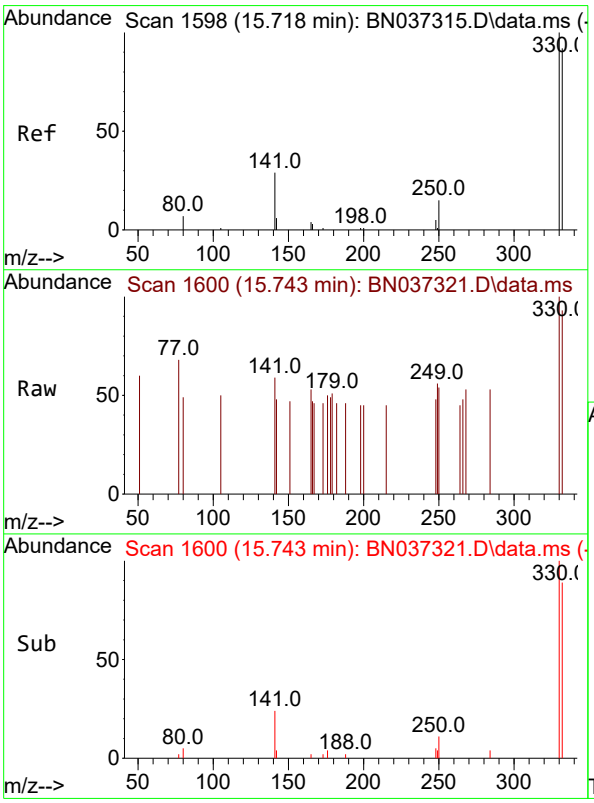
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:164 Resp: 1164

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.5	122.3
160	52.8	43.0	64.4

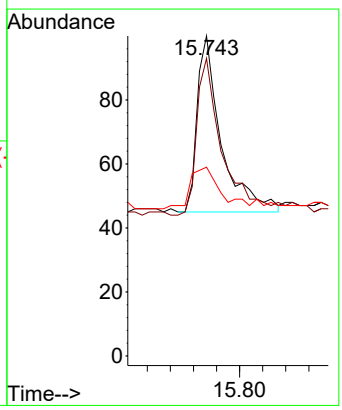


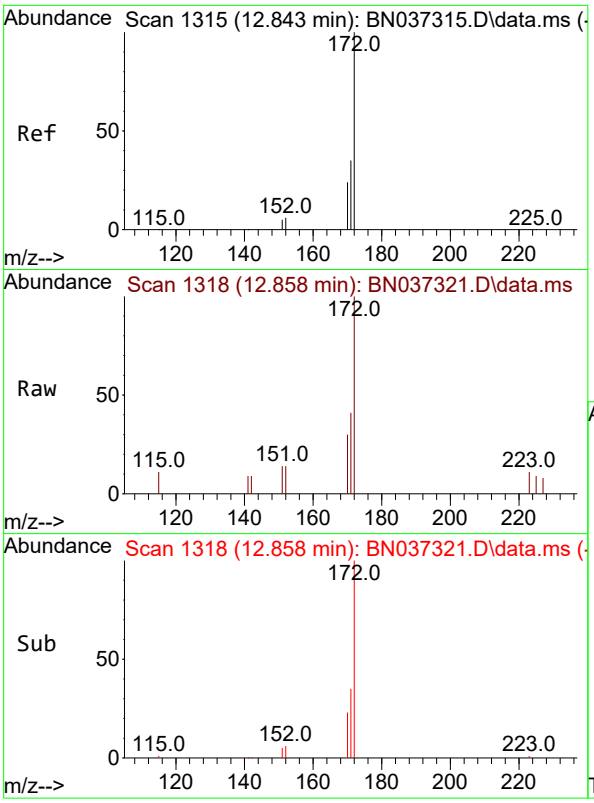


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:330 Resp: 160

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	28.7	24.4	36.6



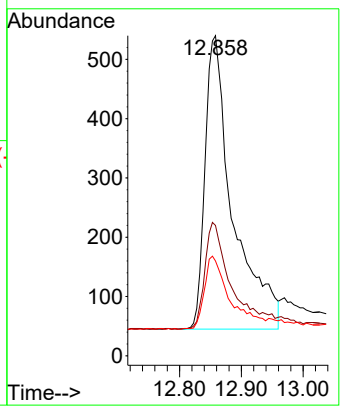


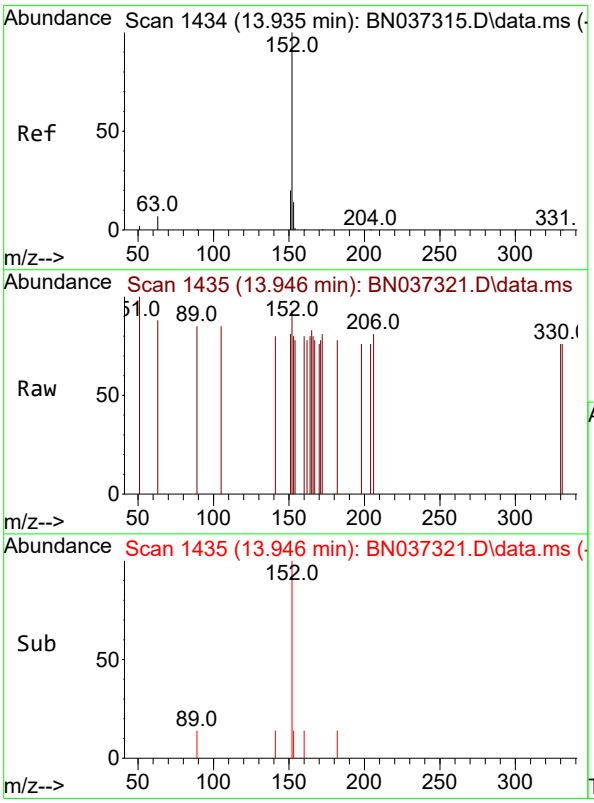
#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.858 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:172 Resp: 1548

Ion	Ratio	Lower	Upper
172	100		
171	40.7	30.8	46.2
170	29.6	21.9	32.9

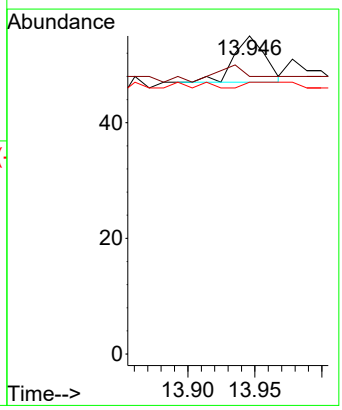


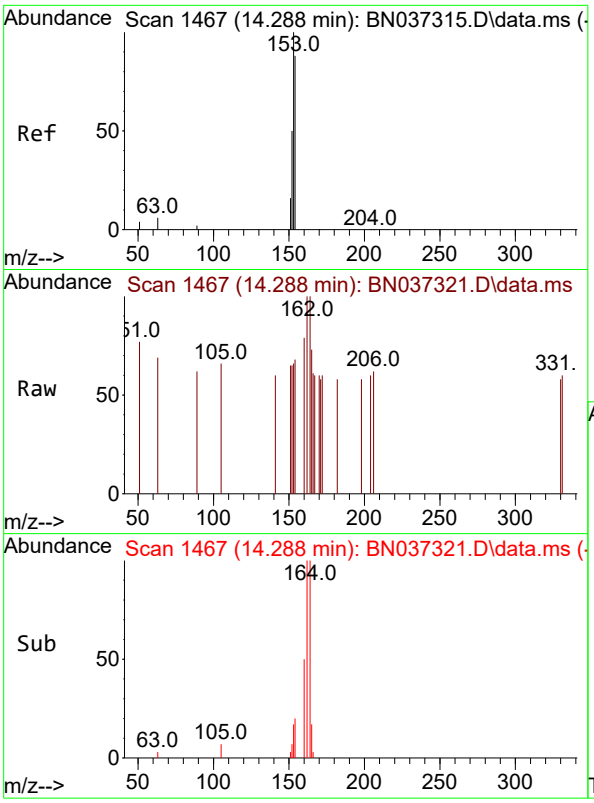


#16
Acenaphthylene
Concen: 0.003 ng
RT: 13.946 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:152 Resp: 13

Ion	Ratio	Lower	Upper
152	100		
151	46.2	16.6	24.8#
153	23.1	10.2	15.2#



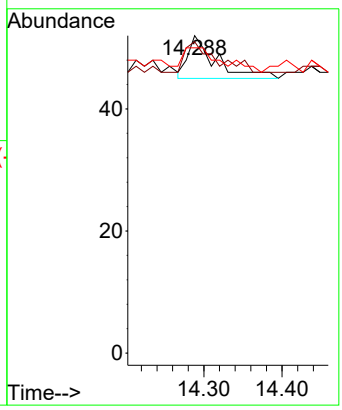


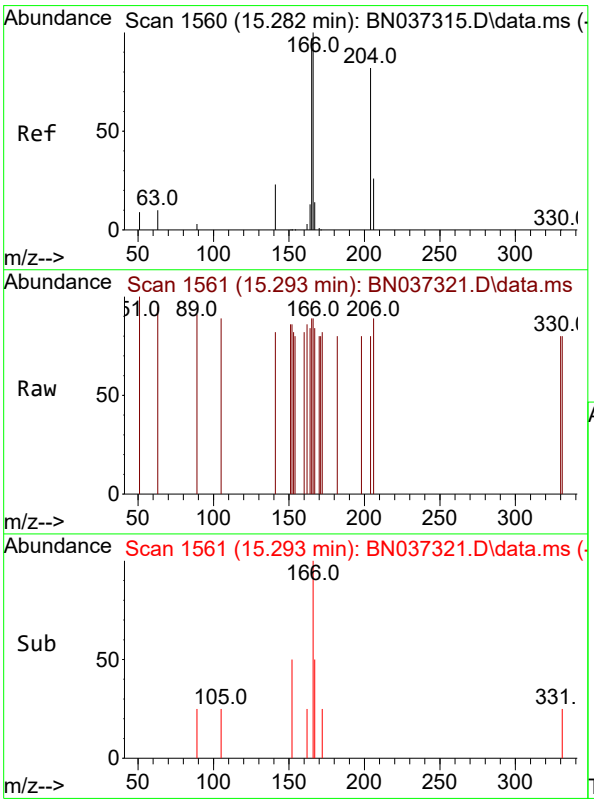
#17
Acenaphthene
Concen: 0.005 ng
RT: 14.288 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:154 Resp: 17

Ion	Ratio	Lower	Upper
154	100		
153	105.9	93.1	139.7
152	76.5	48.6	73.0#

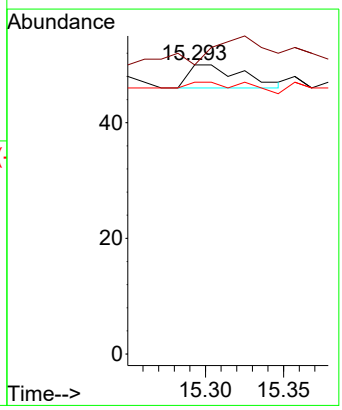


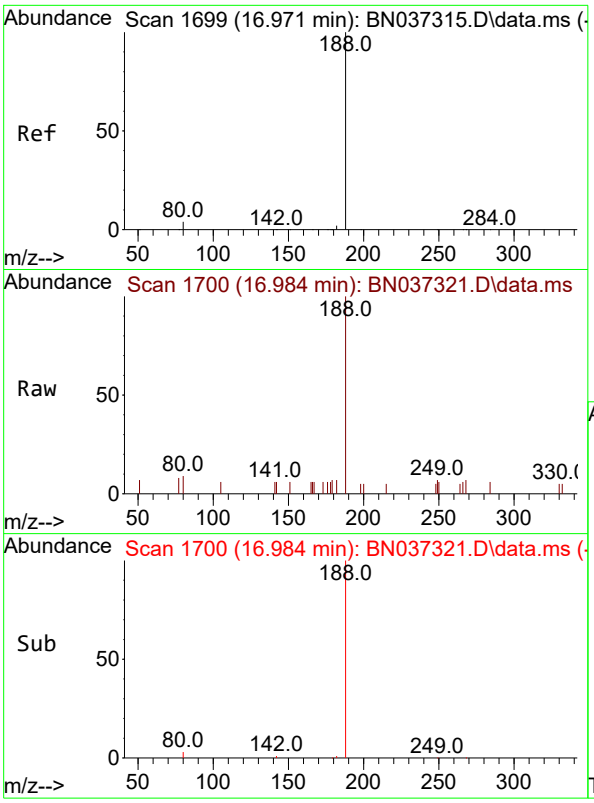


#18
Fluorene
Concen: 0.002 ng
RT: 15.293 min Scan# 1561
Delta R.T. 0.011 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:166 Resp: 10

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.5	119.3#
167	60.0	10.7	16.1#



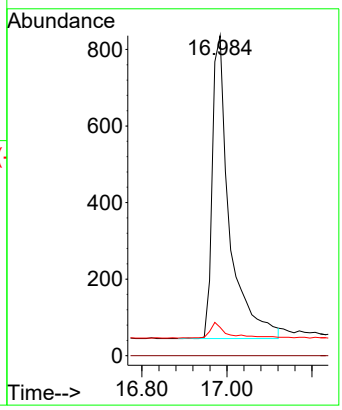


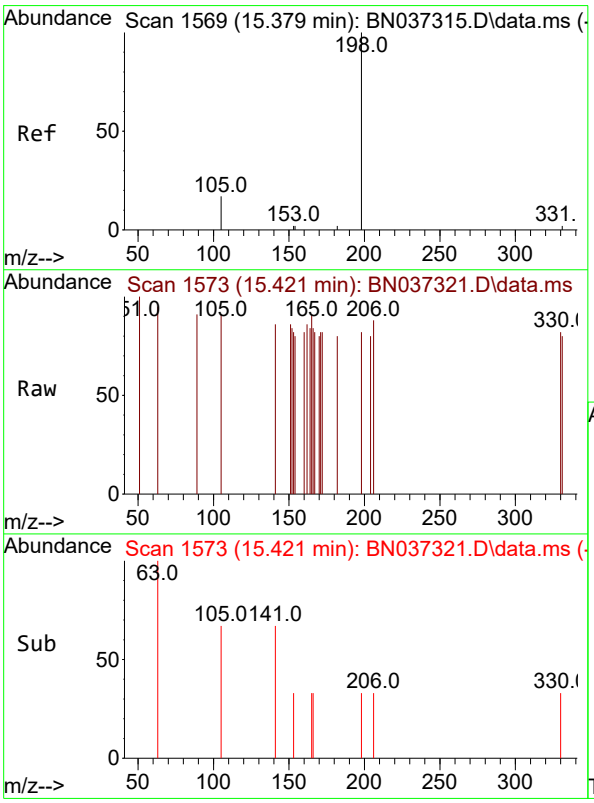
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:188 Resp: 2216

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.2	9.2

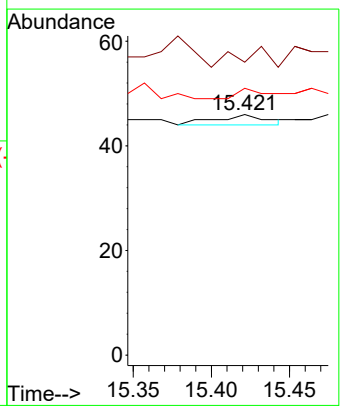


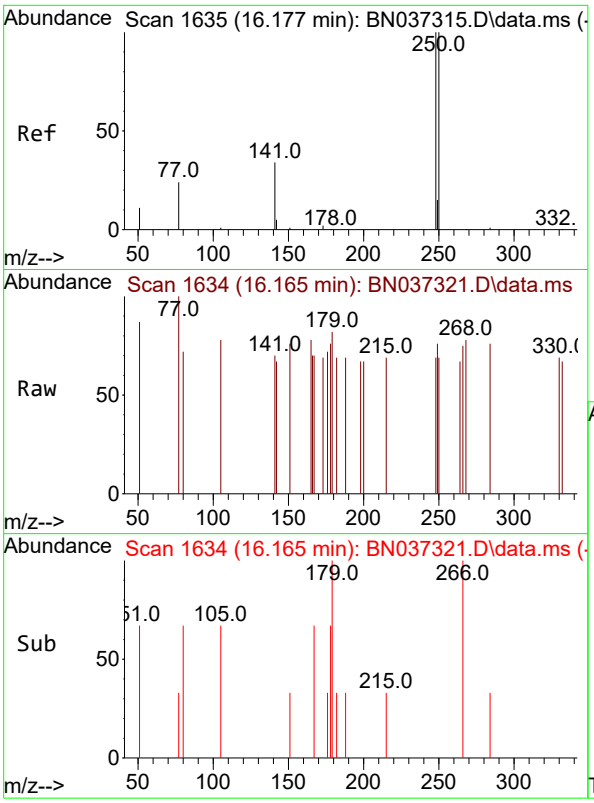


#20
4,6-Dinitro-2-methylphenol
Concen: 0.006 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.043 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	121.7	51.4	77.0#
105	110.9	45.5	68.3#



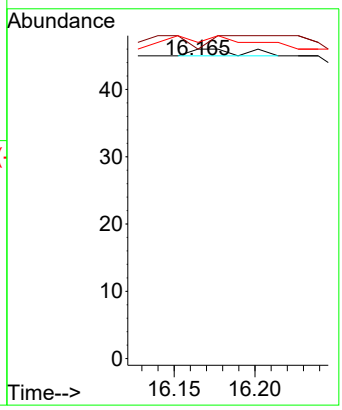


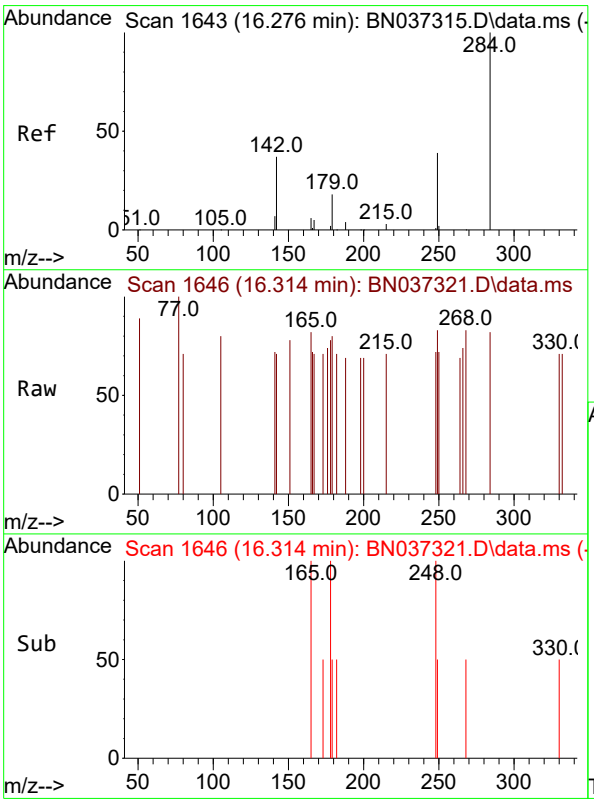
#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.165 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	100.0	80.4	120.6
141	102.2	33.3	49.9#

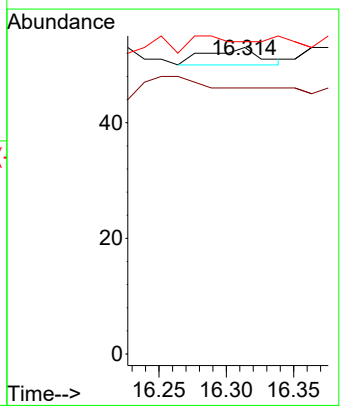


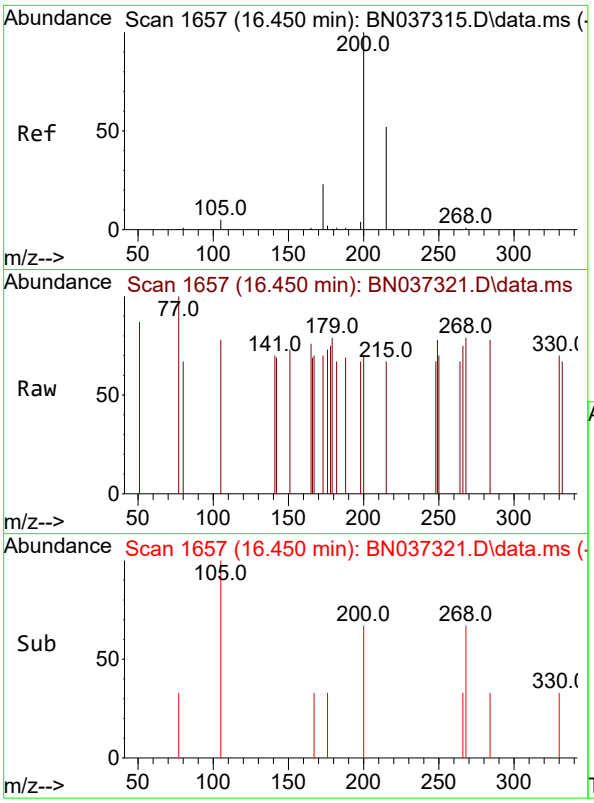


#22
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.314 min Scan# 1646
Delta R.T. 0.037 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.0	40.6#
249	0.0	28.8	43.2#



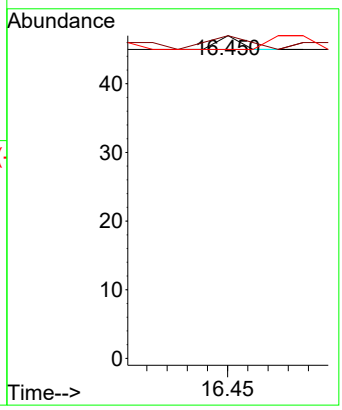


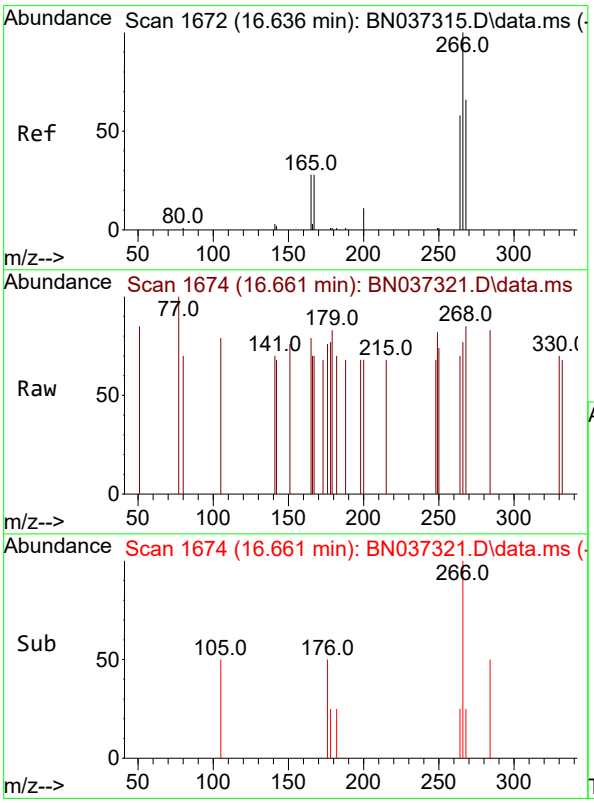
#23
Atrazine
Concen: 0.001 ng
RT: 16.450 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:200 Resp: 1

Ion	Ratio	Lower	Upper
200	100		
173	100.0	29.2	43.8#
215	95.7	48.8	73.2#

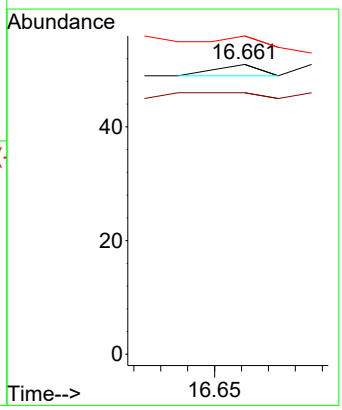


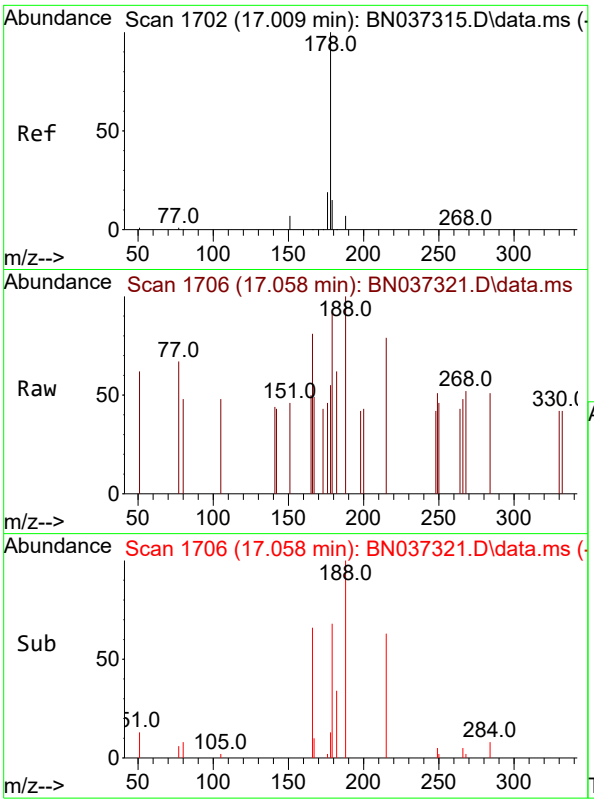


#24
Pentachlorophenol
Concen: 0.002 ng
RT: 16.661 min Scan# 1674
Delta R.T. 0.025 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.3	75.5#
268	0.0	55.3	82.9#



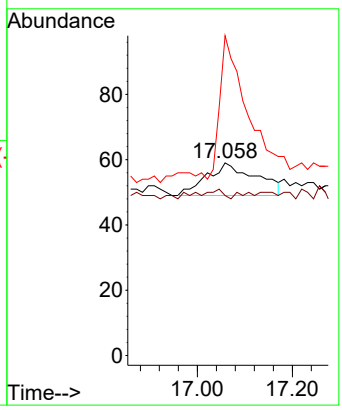


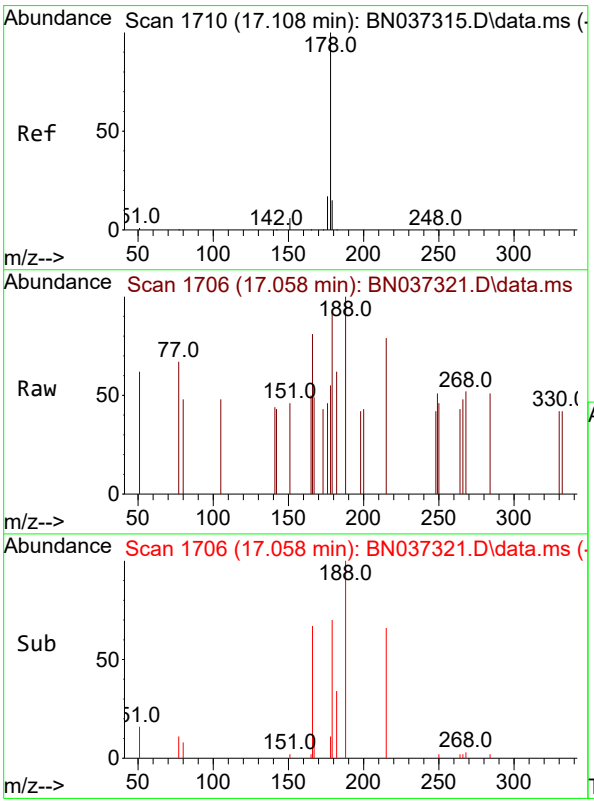
#25
Phenanthrene
Concen: 0.012 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.050 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:178 Resp: 72

Ion	Ratio	Lower	Upper
178	100		
176	13.9	15.2	22.8#
179	244.4	12.9	19.3#

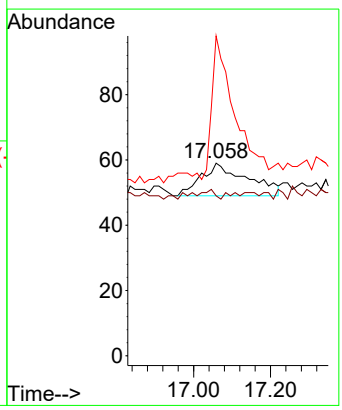


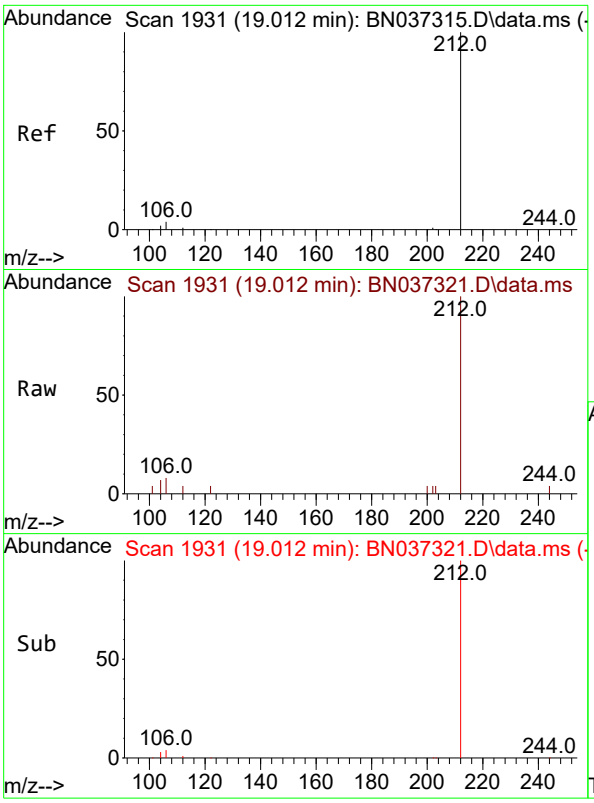


#26
Anthracene
Concen: 0.014 ng
RT: 17.058 min Scan# 1706
Delta R.T. -0.050 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:178 Resp: 83

Ion	Ratio	Lower	Upper
178	100		
176	12.0	14.7	22.1#
179	224.1	13.0	19.6#



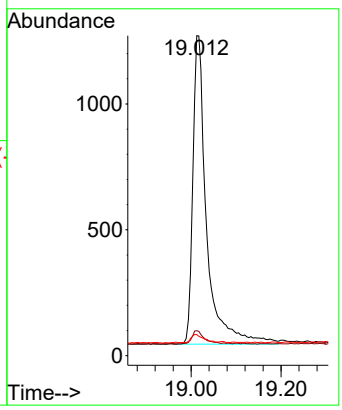


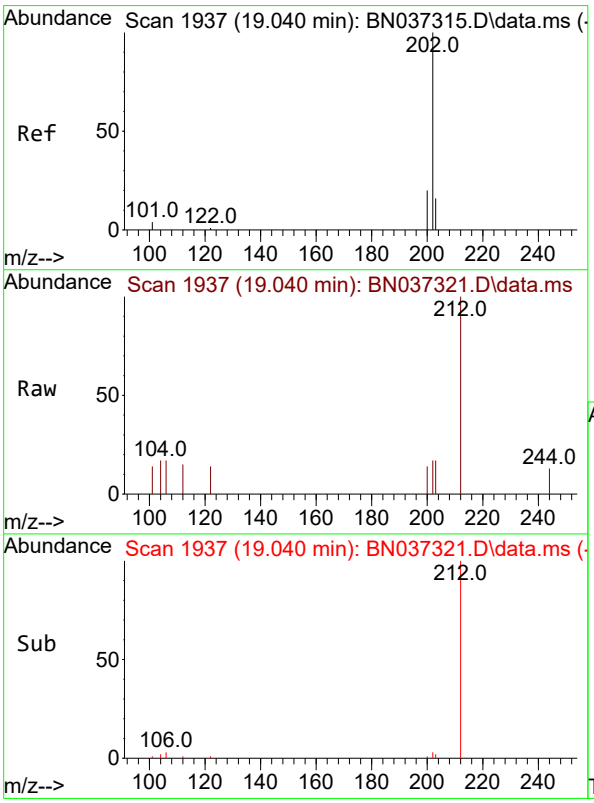
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:212 Resp: 2616

Ion	Ratio	Lower	Upper
212	100		
106	3.8	3.0	4.4
104	2.4	2.0	3.0

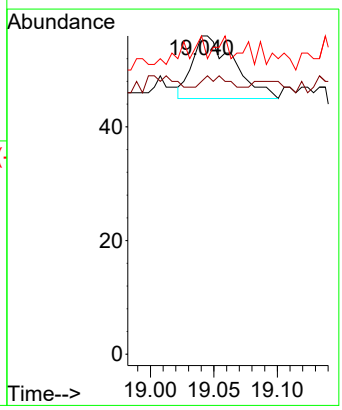


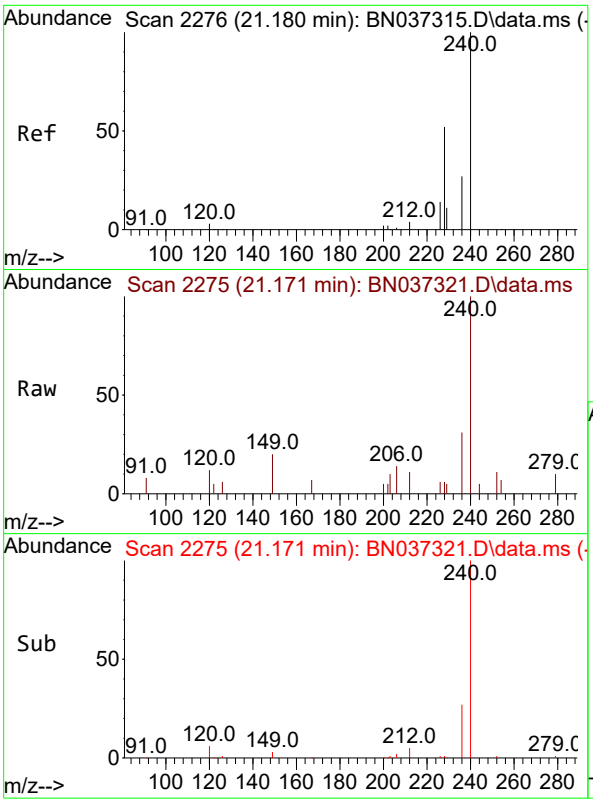


#28
Fluoranthene
Concen: 0.003 ng
RT: 19.040 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:202 Resp: 25

Ion	Ratio	Lower	Upper
202	100		
101	8.0	3.0	4.6#
203	20.0	13.7	20.5



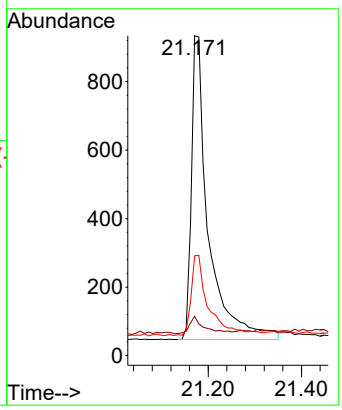


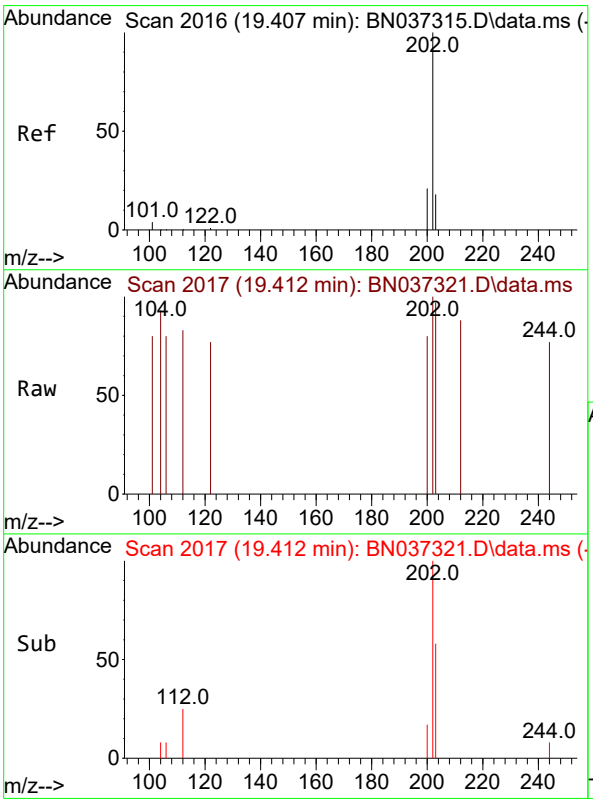
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:240 Resp: 2244

Ion	Ratio	Lower	Upper
240	100		
120	12.3	7.5	11.3#
236	31.3	24.9	37.3

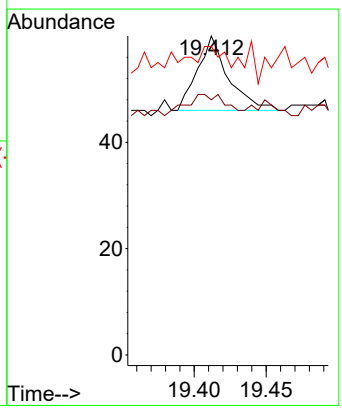


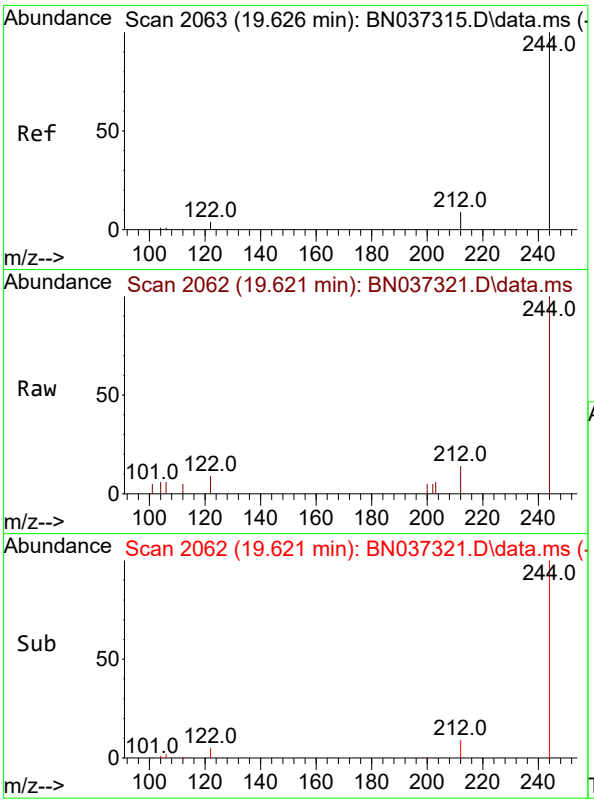


#30
Pyrene
Concen: 0.002 ng
RT: 19.412 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:202 Resp: 21

Ion	Ratio	Lower	Upper
202	100		
200	38.1	16.8	25.2#
203	19.0	14.5	21.7



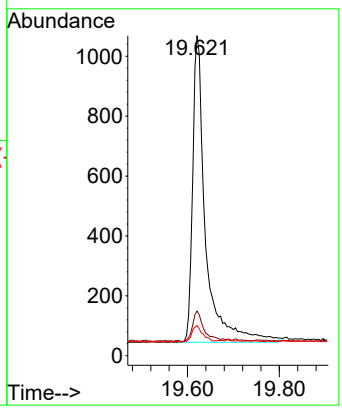


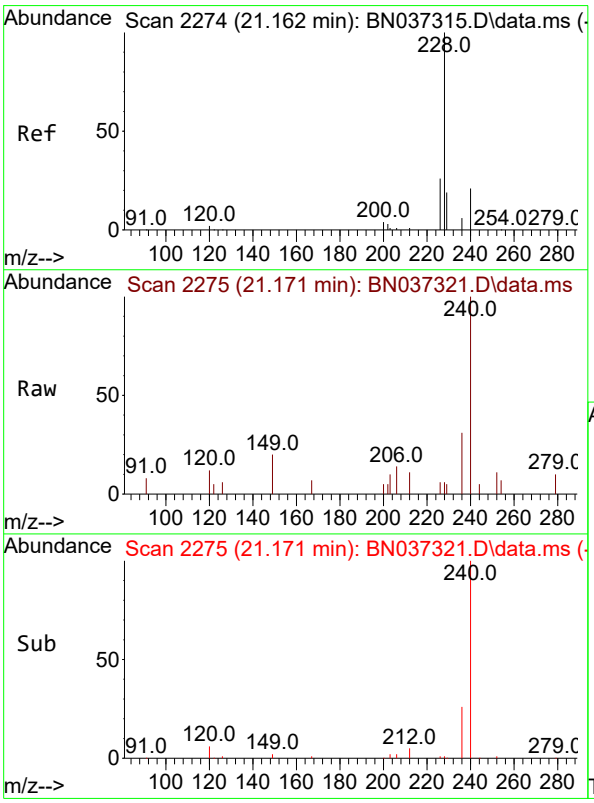
#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.621 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:244 Resp: 2001

Ion	Ratio	Lower	Upper
244	100		
212	13.9	11.1	16.7
122	9.4	7.2	10.8

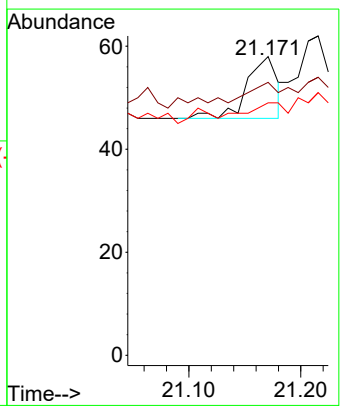


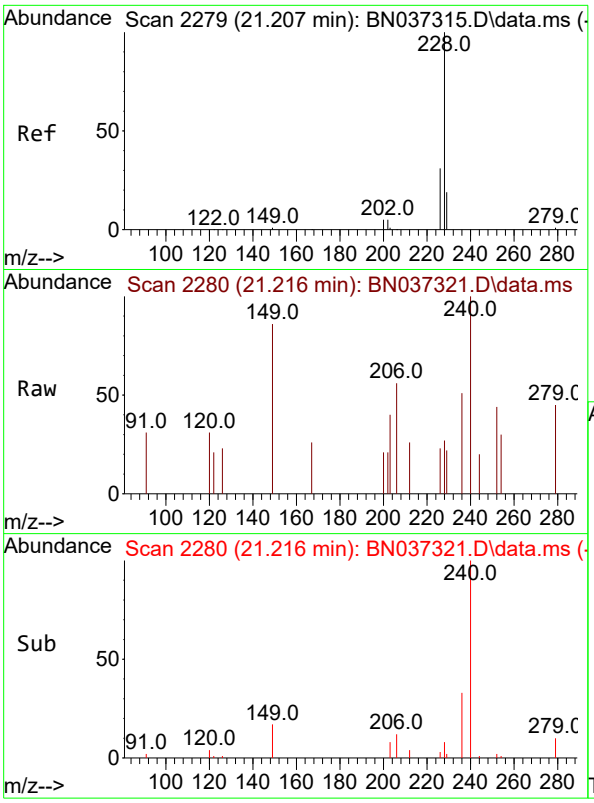


#32
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.009 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:228 Resp: 23

Ion	Ratio	Lower	Upper
228	100		
226	91.4	23.0	34.4#
229	84.5	17.4	26.0#



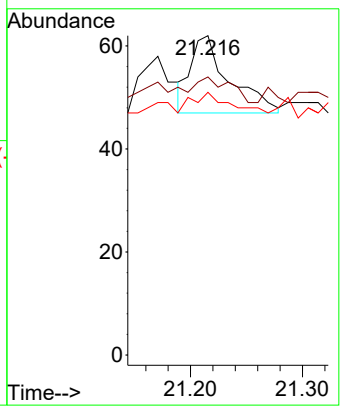


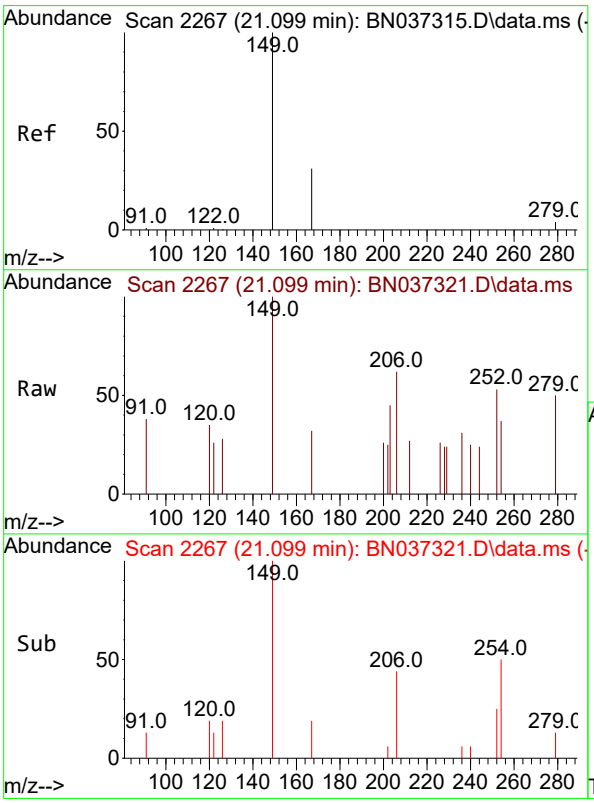
#33
Chrysene
Concen: 0.004 ng
RT: 21.216 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:228 Resp: 36

Ion	Ratio	Lower	Upper
228	100		
226	87.1	25.4	38.2#
229	82.3	17.3	25.9#

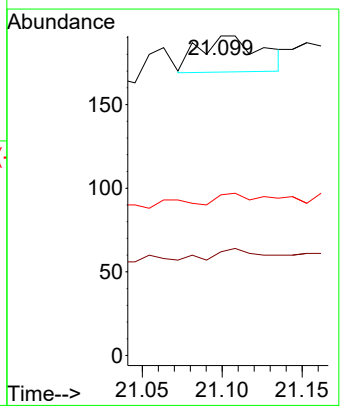


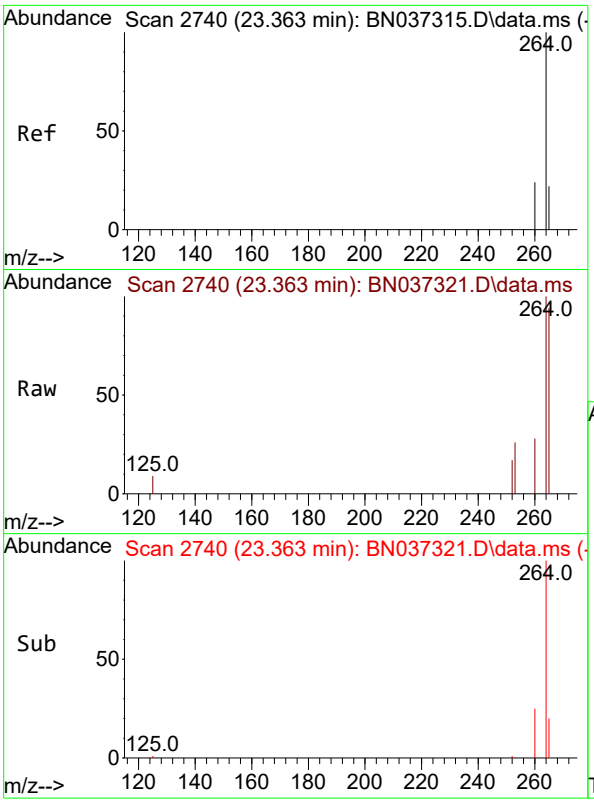


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.020 ng
RT: 21.099 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:149 Resp: 59

Ion	Ratio	Lower	Upper
149	100		
167	22.0	24.6	37.0#
279	32.2	6.5	9.7#



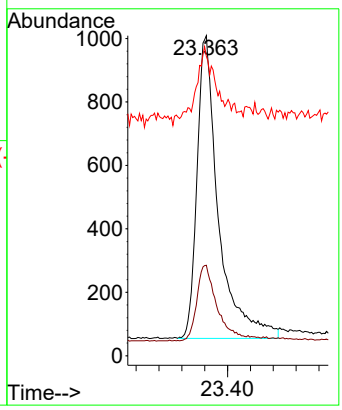


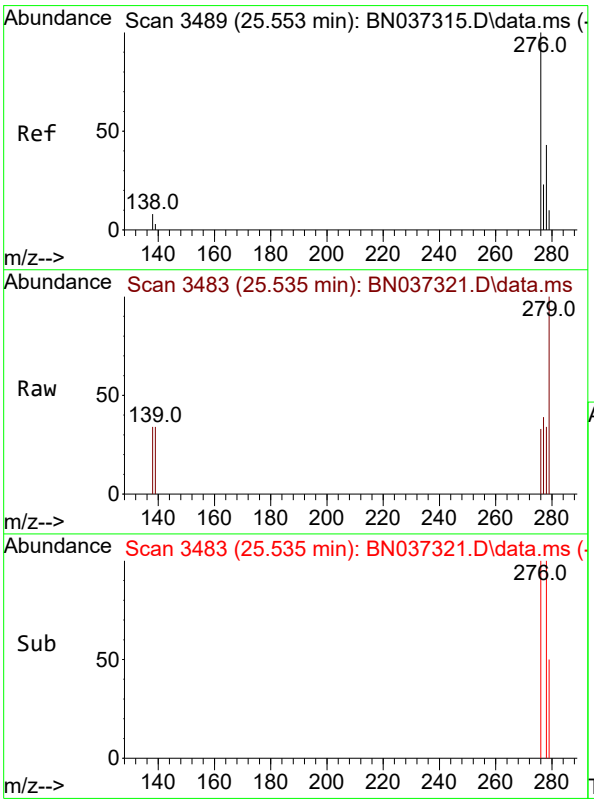
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.363 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:264 Resp: 2480

Ion	Ratio	Lower	Upper
264	100		
260	28.2	21.4	32.2
265	93.6	71.4	107.0

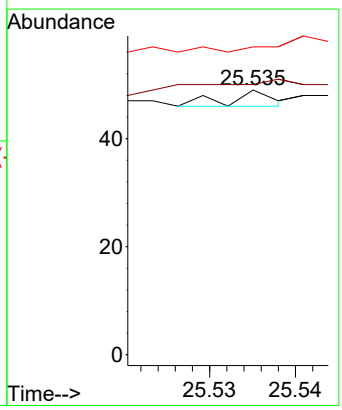


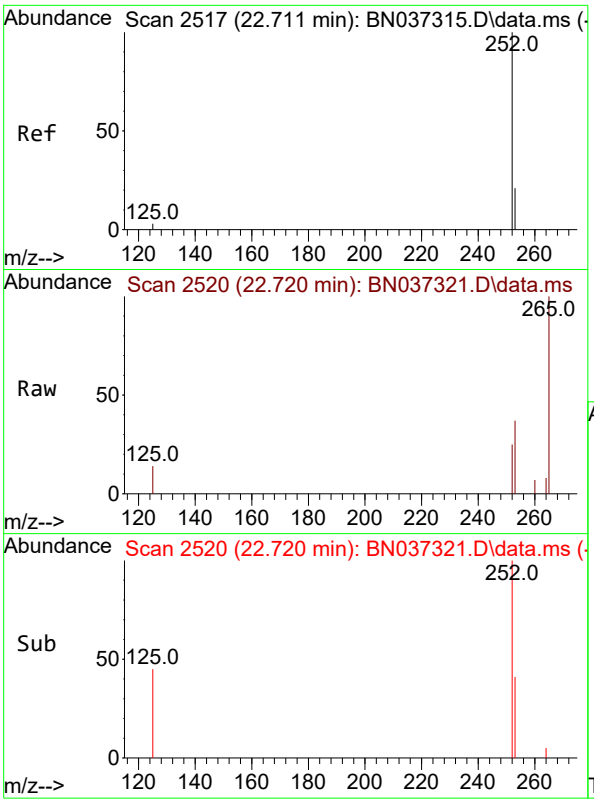


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.535 min Scan# 3483
Delta R.T. -0.018 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	200.0	2.2	3.2#
277	100.0	17.1	25.7#



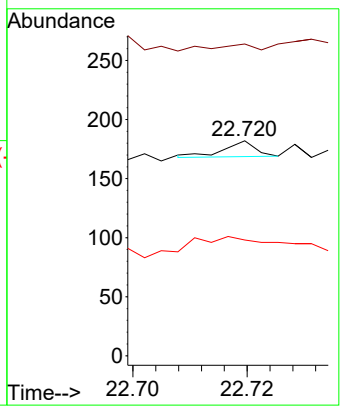


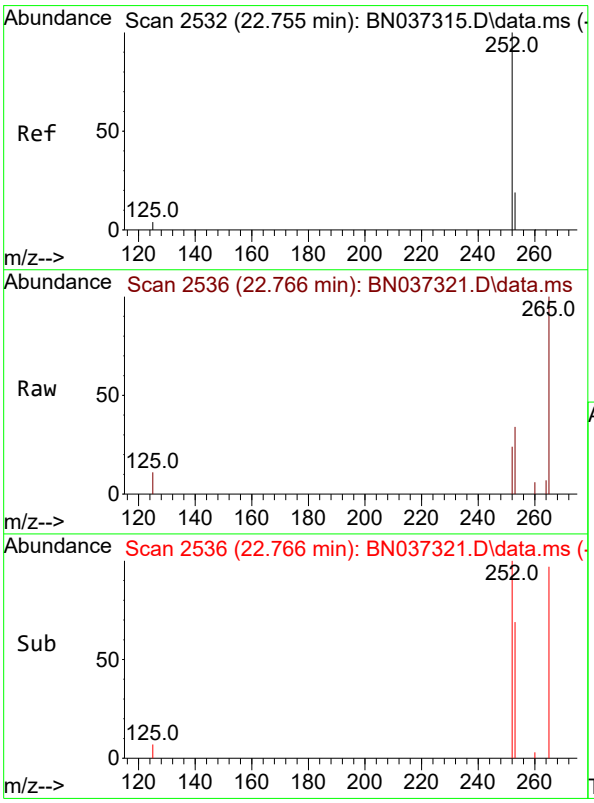
#37
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.720 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:252 Resp: 5

Ion	Ratio	Lower	Upper
252	100		
253	145.1	26.6	40.0#
125	53.8	6.1	9.1#

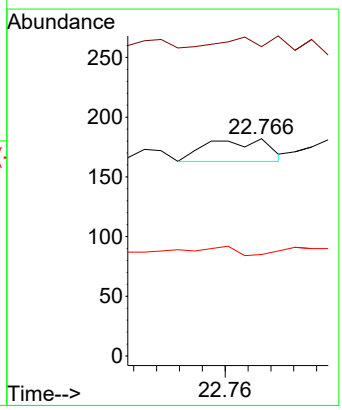


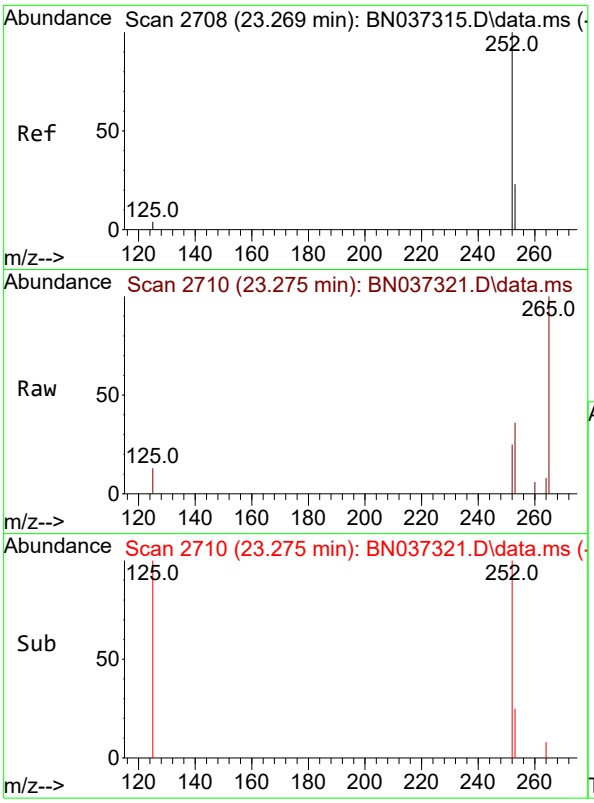


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.766 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	142.3	26.7	40.1#
125	46.7	6.5	9.7#



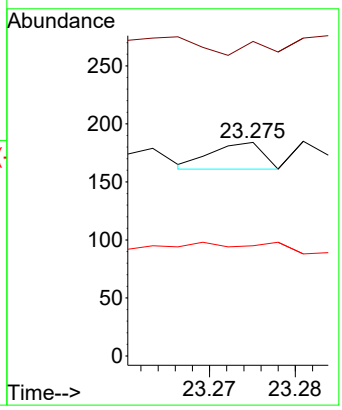


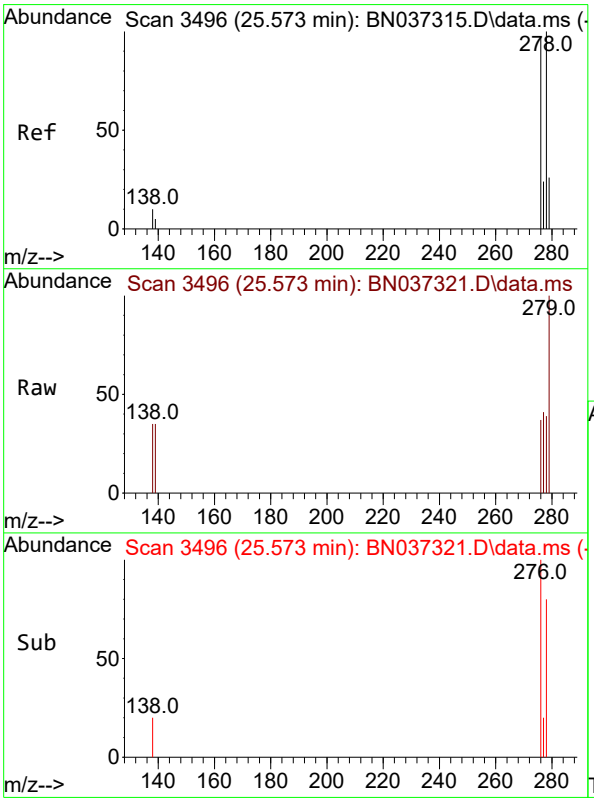
#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.275 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	147.3	31.6	47.4#
125	51.6	8.4	12.6#

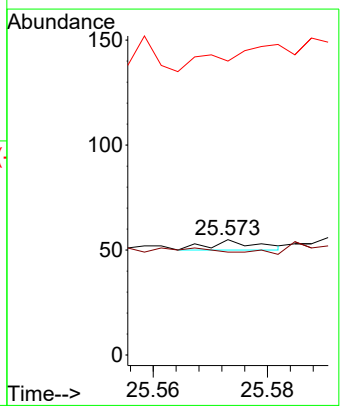


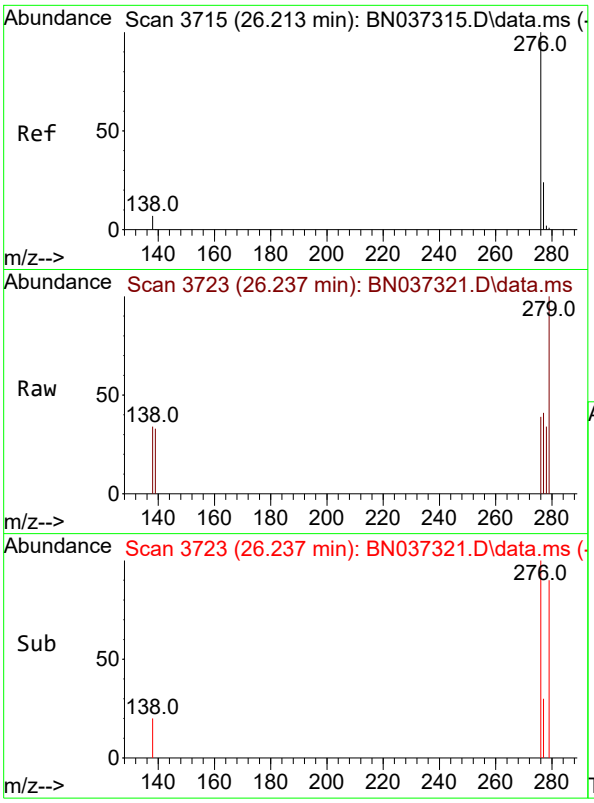


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.573 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	89.1	10.2	15.4#
279	254.5	35.6	53.4#





#41
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 26.237 min Scan# 3
Delta R.T. 0.023 min
Lab File: BN037321.D
Acq: 18 Jun 2025 19:32

Instrument :
BNA_N
ClientSampleId :
PB168508BL

Tgt Ion:276 Resp: 21

Ion	Ratio	Lower	Upper
276	100		
277	105.2	22.7	34.1#
138	87.9	9.4	14.2#