Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037281.D
Acq On : 15 Jun 2025 03:18
Operator : RC/JU
Sample : PB168476BSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Quant Time: Jun 16 02:47:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1070	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2630	0.400	ng	#-0.01
13) Acenaphthene-d10	14.223	164	1332	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2256	0.400	ng	0.00
29) Chrysene-d12	21.170	240	1565	0.400	ng	0.00
35) Perylene-d12	23.354	264	1276	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	878	0.334	ng	0.00
5) Phenol-d6	6.758	99	923	0.333	ng	0.00
8) Nitrobenzene-d5	8.728	82	885	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	2179	0.617	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	175	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.842	172	2000	0.357	ng	0.00
27) Fluoranthene-d10	19.012	212	1905	0.323	ng	0.00
31) Terphenyl-d14	19.625	244	1269	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	411	0.280	ng	# 1
3) n-Nitrosodimethylamine	3.415	42	1162	0.347	ng	# 98
6) bis(2-Chloroethyl)ether	7.011	93	840	0.339	ng	98
9) Naphthalene	10.404	128	2636	0.346	ng	99
10) Hexachlorobutadiene	10.692	225	689	0.372	ng	# 100
12) 2-Methylnaphthalene	12.026	142	1469	0.317	ng	98
16) Acenaphthylene	13.945	152	2403	0.368	ng	99
17) Acenaphthene	14.288	154	1450	0.344	ng	98
18) Fluorene	15.282	166	1824	0.337	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	199	0.452	ng	# 82
21) 4-Bromophenyl-phenylether	16.177	248	520	0.354	ng	88
22) Hexachlorobenzene	16.288	284	639	0.375	ng	97
23) Atrazine	16.462	200	174	0.133	ng	# 79
24) Pentachlorophenol	16.636	266	563	0.674	ng	98
25) Phenanthrene	17.008	178	2535	0.354	ng	98
26) Anthracene	17.108	178	2265	0.346	ng	98
28) Fluoranthene	19.040	202	2616	0.312	ng	98
30) Pyrene	19.407	202	2606	0.354	ng	99
32) Benzo(a)anthracene	21.152	228	1822	0.345	ng	97
33) Chrysene	21.206	228	2488	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1409	0.358	ng	98
36) Indeno(1,2,3-cd)pyrene	25.540	276	2342	0.455	ng	98
37) Benzo(b)fluoranthene	22.702	252	1986	0.425	ng	95
38) Benzo(k)fluoranthene	22.745	252	2165	0.402	ng	96
39) Benzo(a)pyrene	23.260	252	1765	0.420	ng	93
40) Dibenzo(a,h)anthracene	25.558	278	1744	0.446	ng	94
41) Benzo(g,h,i)perylene	26.210	276	2014	0.422	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037281.D
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Misc :
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Instrument :
BNA_N
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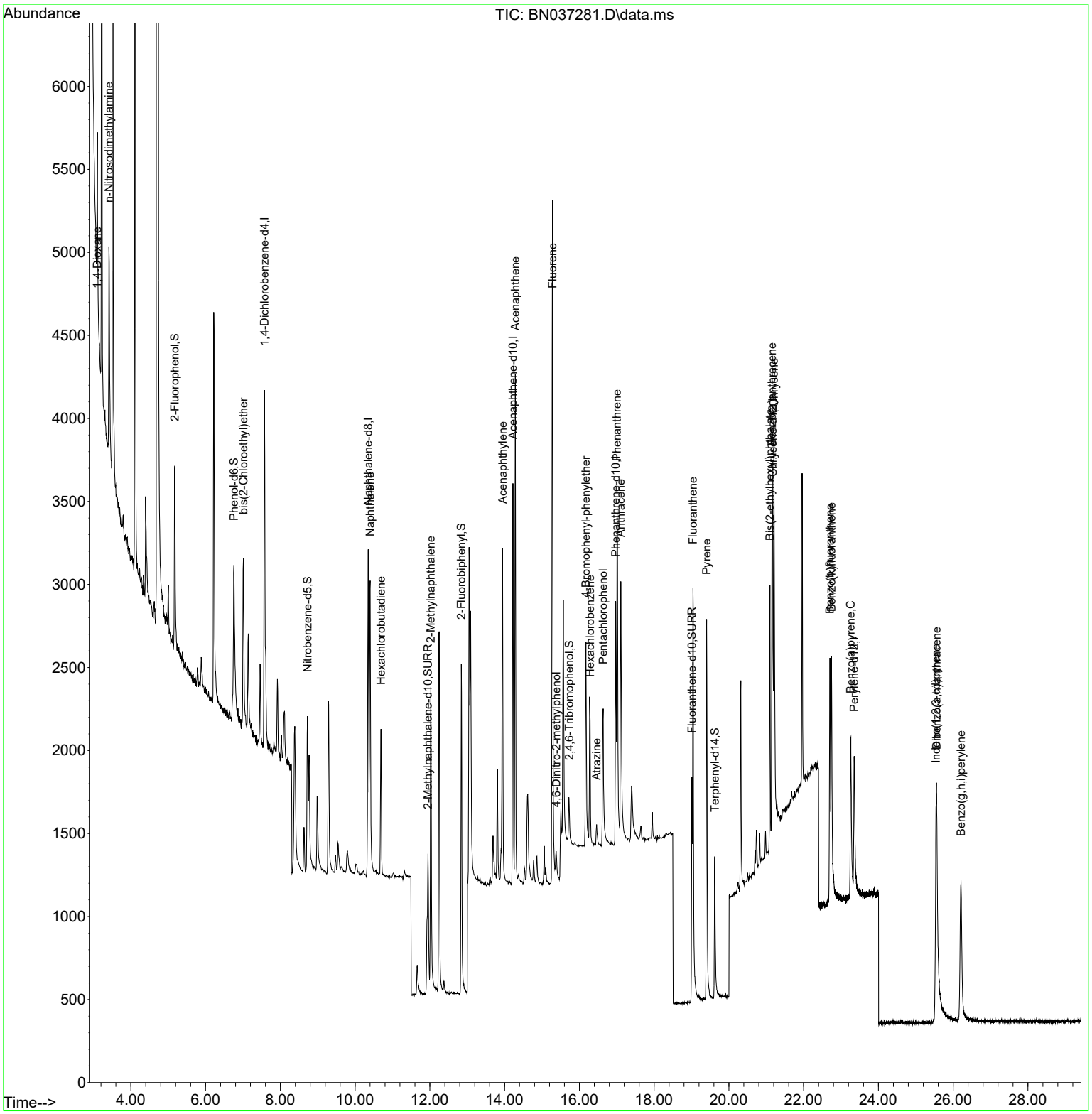
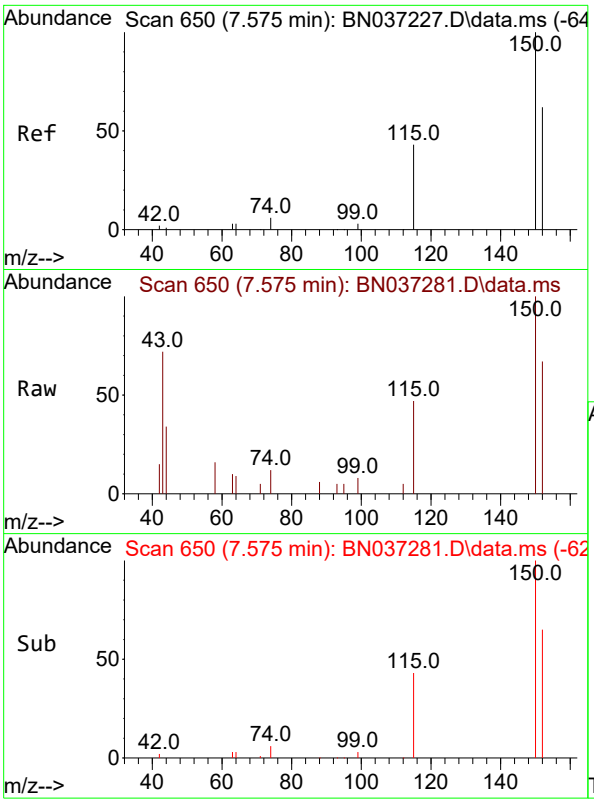
PB168476BSD

Quant Time: Jun 16 02:47:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration



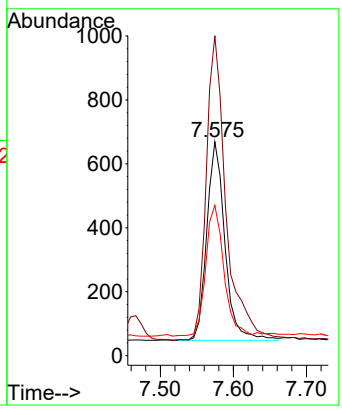


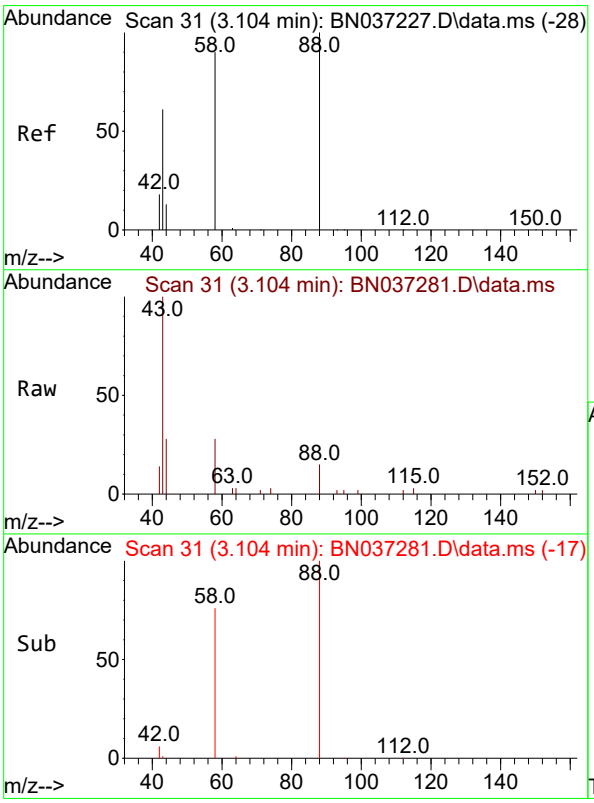
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:152 Resp: 1070

Ion	Ratio	Lower	Upper
152	100		
150	149.6	125.2	187.8
115	70.3	58.4	87.6

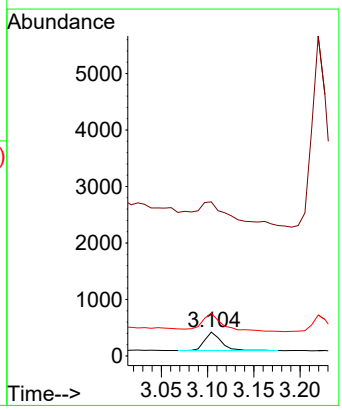


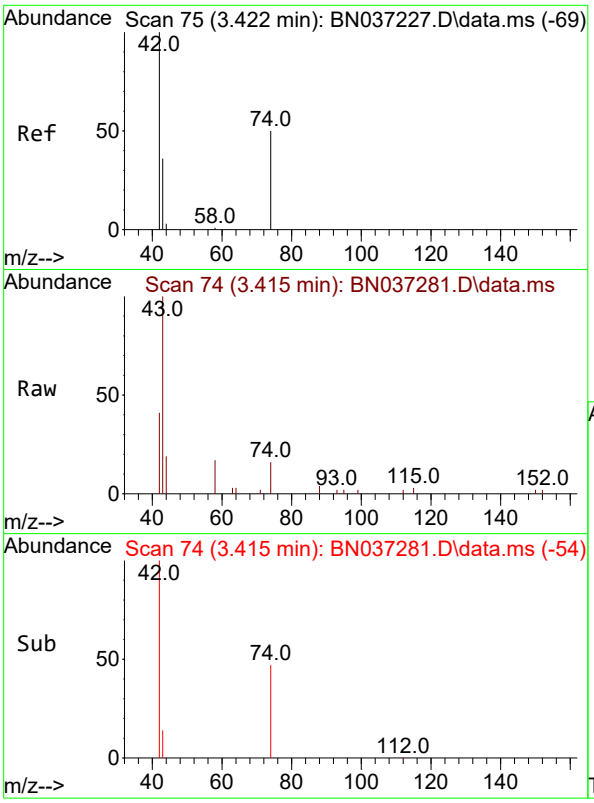


#2
1,4-Dioxane
Concen: 0.280 ng
RT: 3.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion: 88 Resp: 411

Ion	Ratio	Lower	Upper
88	100		
43	228.7	52.6	79.0#
58	118.2	73.5	110.3#



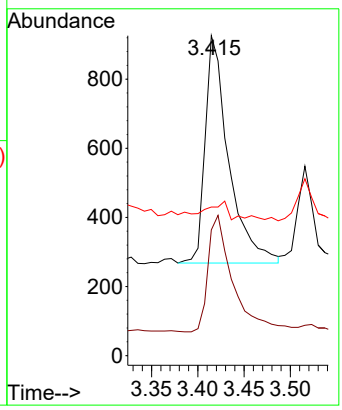


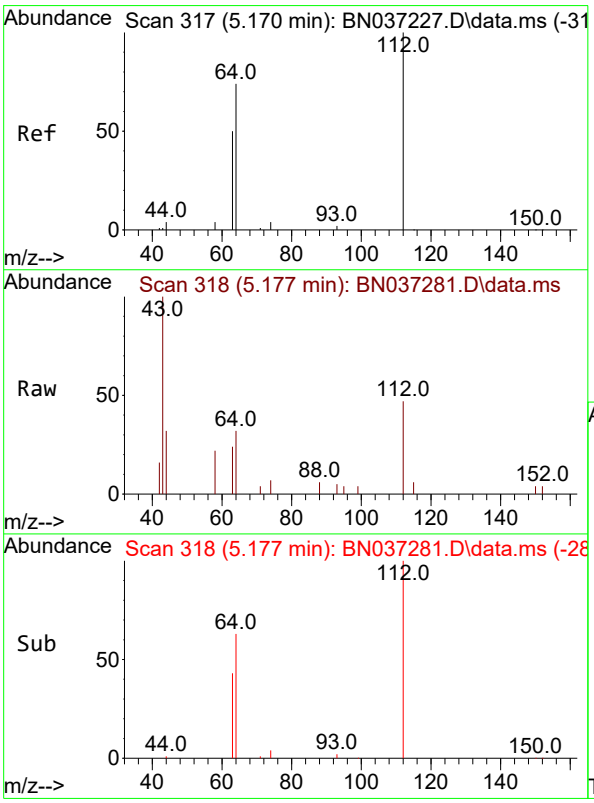
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.007 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion: 42 Resp: 1162

Ion	Ratio	Lower	Upper
42	100		
74	54.3	44.6	66.8
44	5.7	3.5	5.3#

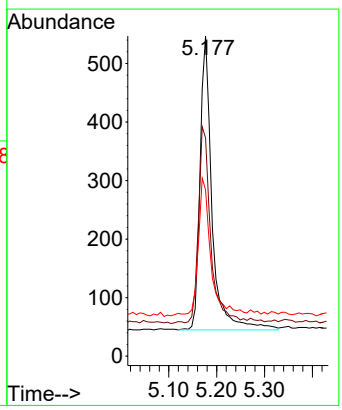


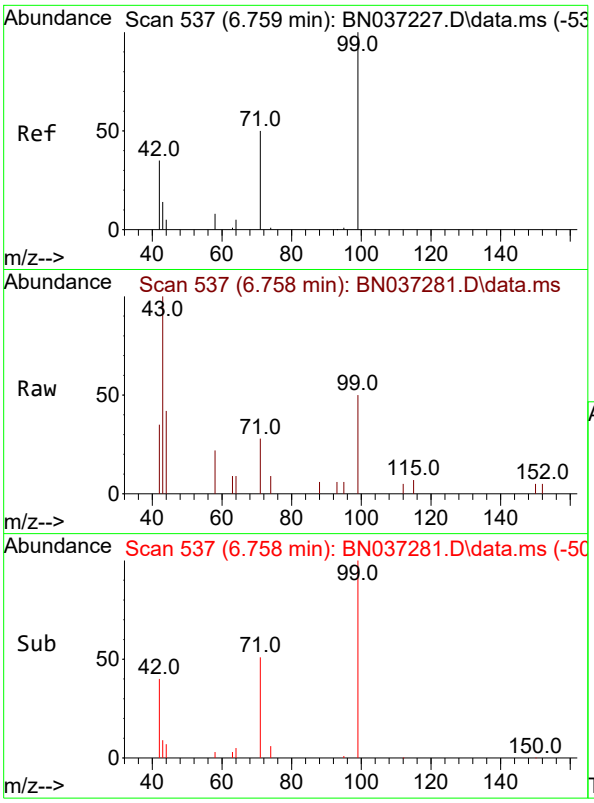


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:112 Resp: 878

Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.2	85.8
63	49.0	39.8	59.6



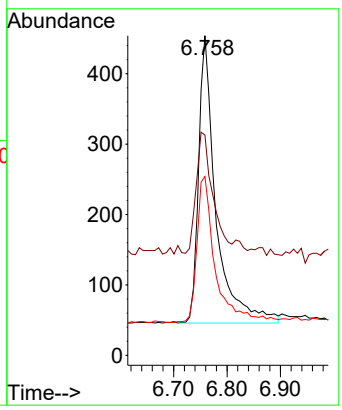


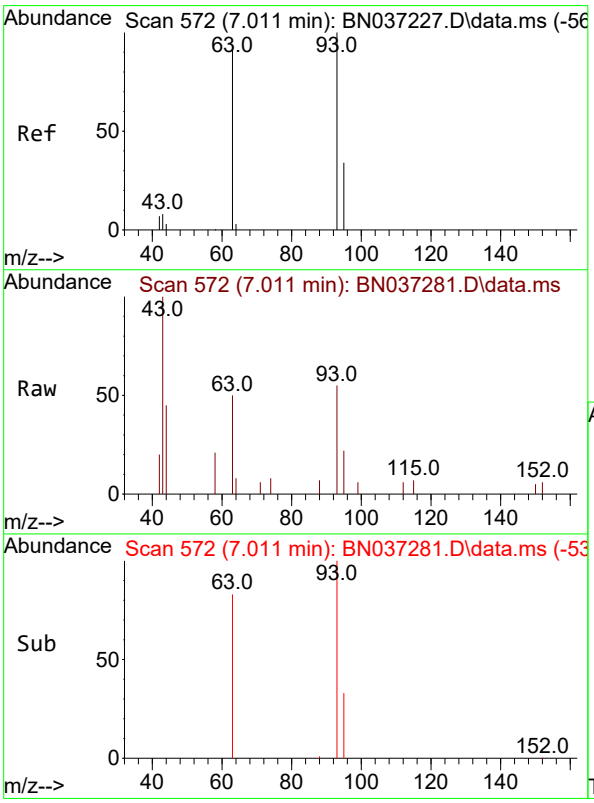
#5
Phenol-d6
Concen: 0.333 ng
RT: 6.758 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion: 99 Resp: 923

Ion	Ratio	Lower	Upper
99	100		
42	40.3	36.2	54.4
71	53.3	42.4	63.6

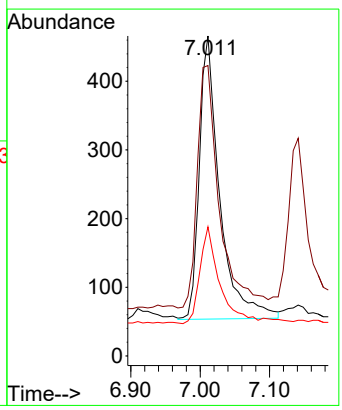


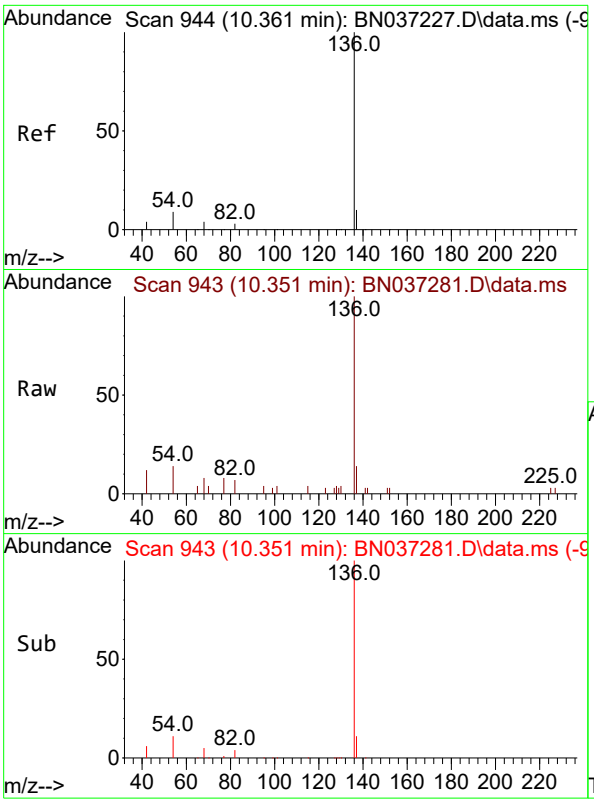


#6
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 7.011 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion: 93 Resp: 840

Ion	Ratio	Lower	Upper
93	100		
63	92.6	75.2	112.8
95	33.0	28.3	42.5



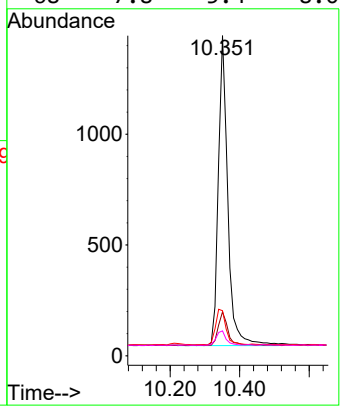


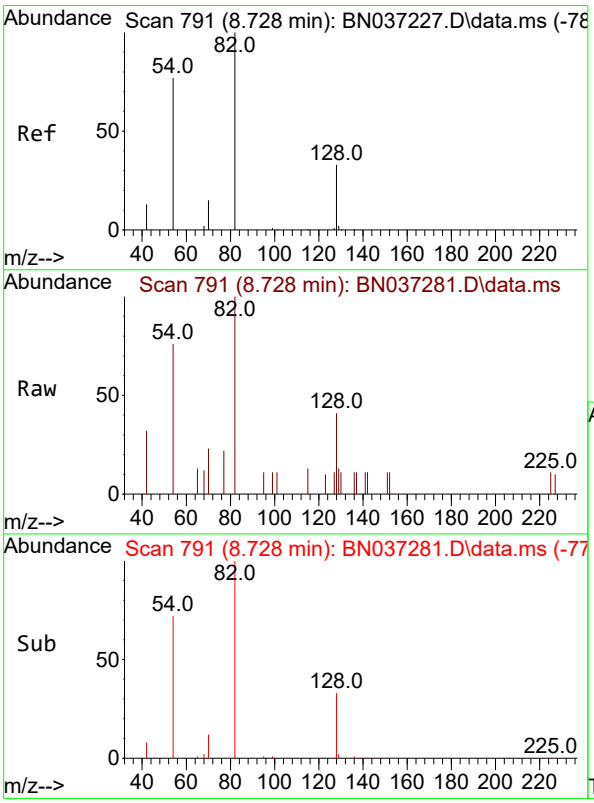
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:136 Resp: 2630

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.6	15.8
54	14.0	9.2	13.8#
68	7.8	5.4	8.0

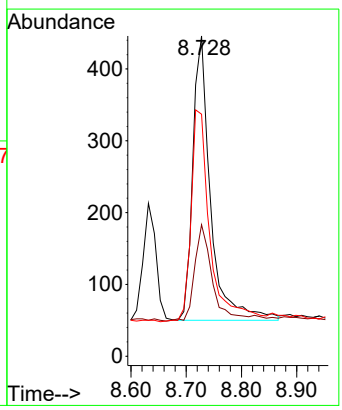


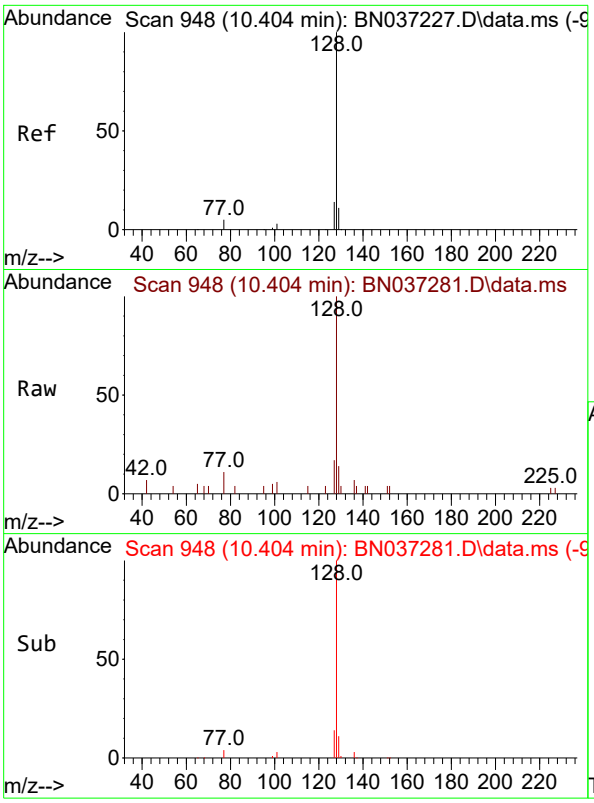


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion: 82 Resp: 885

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.2	46.8
54	75.6	63.3	94.9



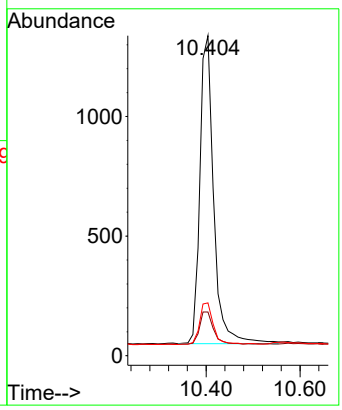


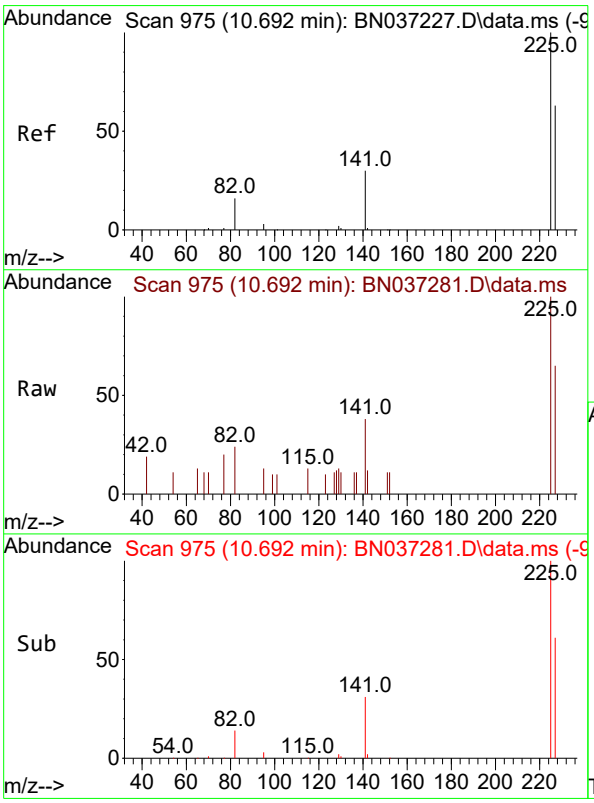
#9
Naphthalene
Concen: 0.346 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:128 Resp: 2636

Ion	Ratio	Lower	Upper
128	100		
129	13.7	10.7	16.1
127	16.5	12.6	19.0

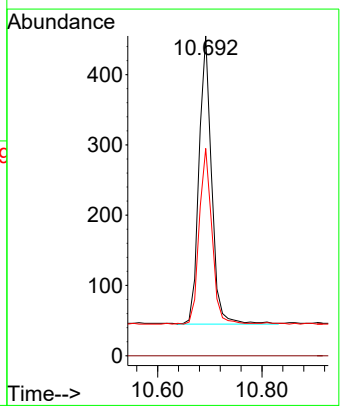


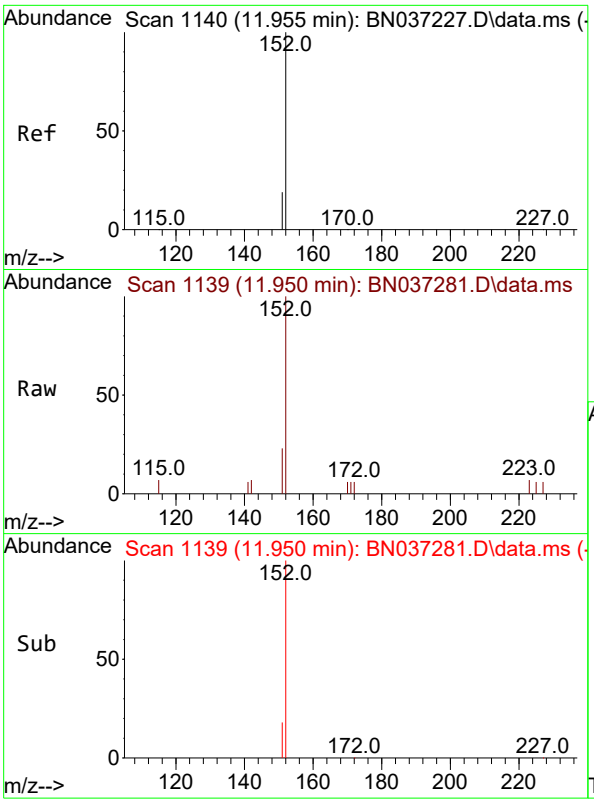


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.692 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:225 Resp: 689

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.4	49.2	73.8



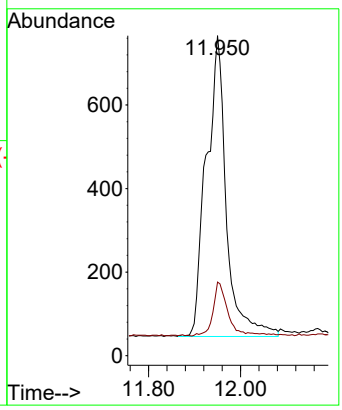


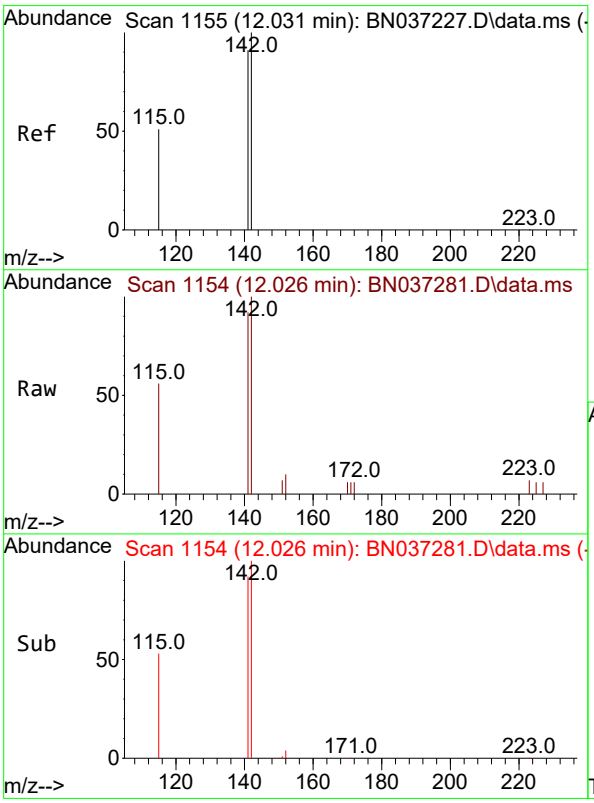
#11
2-Methylnaphthalene-d10
Concen: 0.617 ng
RT: 11.950 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:152 Resp: 2179

Ion	Ratio	Lower	Upper
152	100		
151	13.2	17.9	26.9#

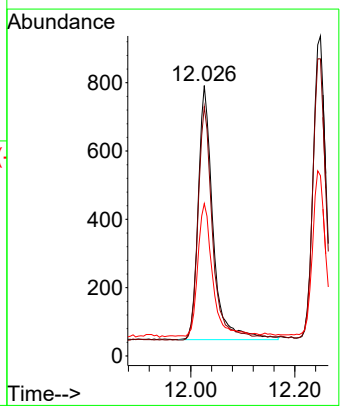


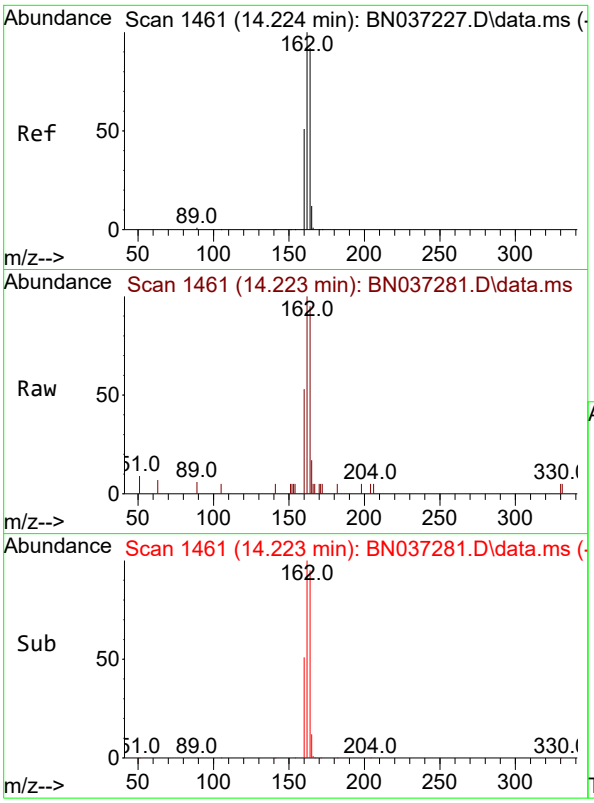


#12
2-Methylnaphthalene
Concen: 0.317 ng
RT: 12.026 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:142 Resp: 1469

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.6
115	56.3	43.3	64.9



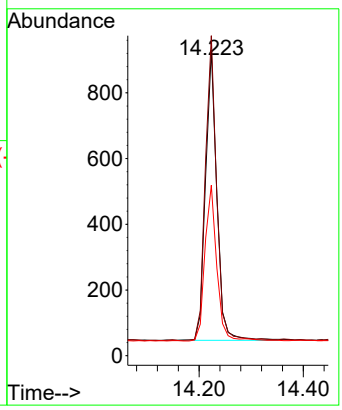


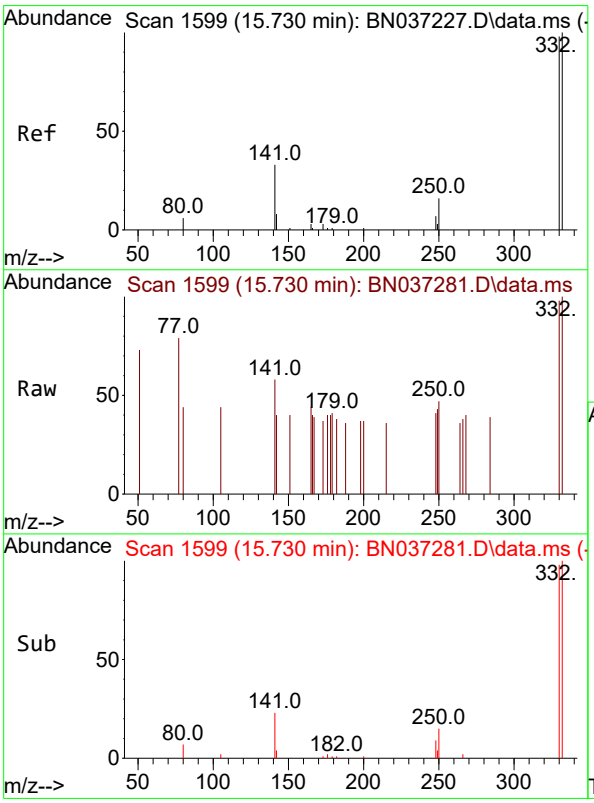
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.223 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:164 Resp: 1332

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.7	130.1
160	55.8	45.8	68.6

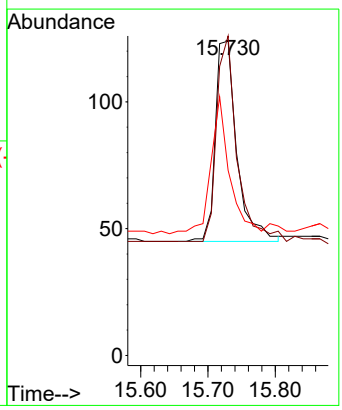


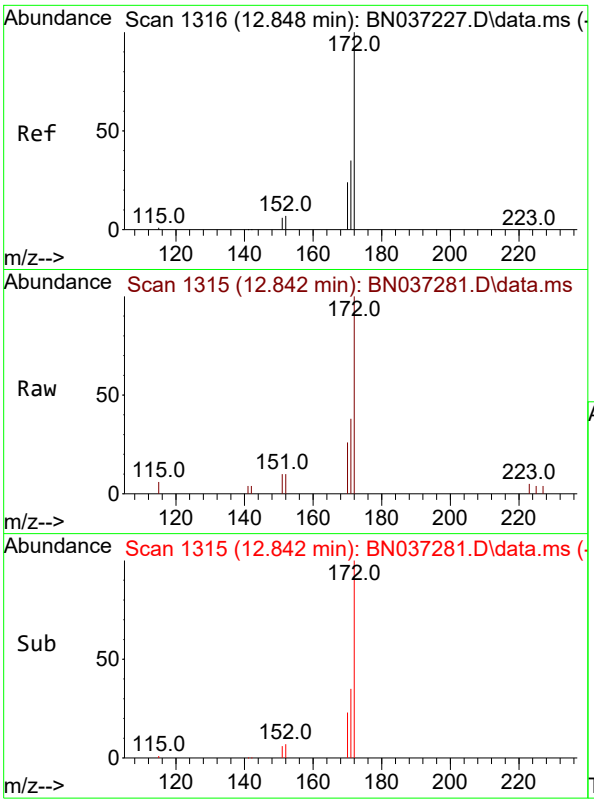


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:330 Resp: 175

Ion	Ratio	Lower	Upper
330	100		
332	98.9	74.9	112.3
141	59.4	45.1	67.7



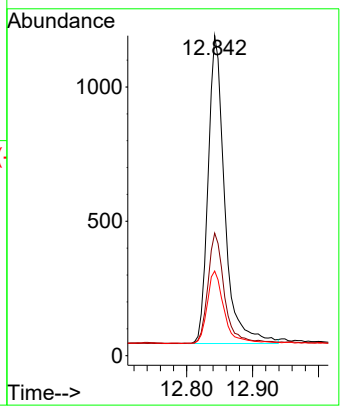


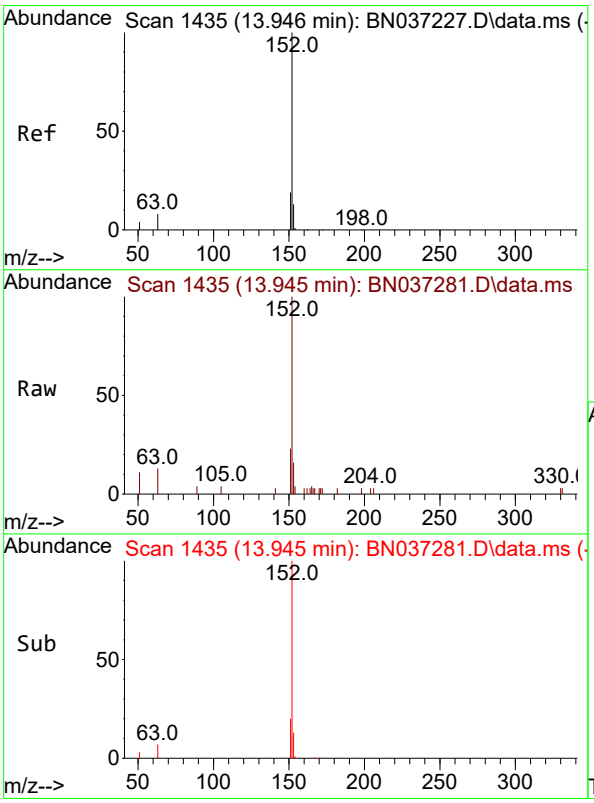
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.842 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:172 Resp: 2000

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.8	44.8
170	26.4	21.1	31.7

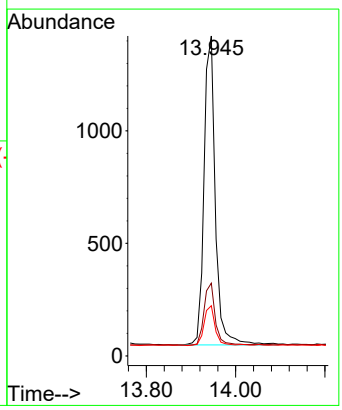


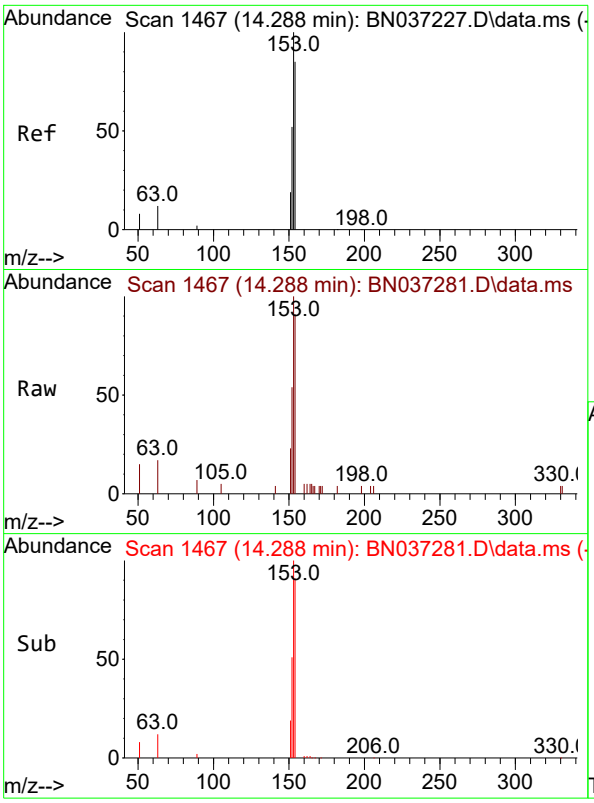


#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.945 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:152 Resp: 2403

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.7	16.1



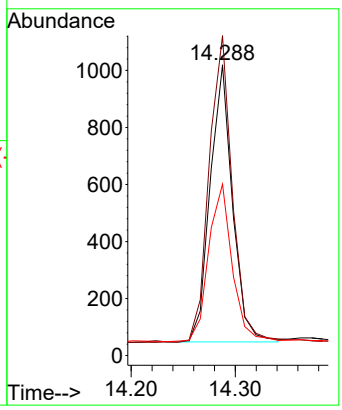


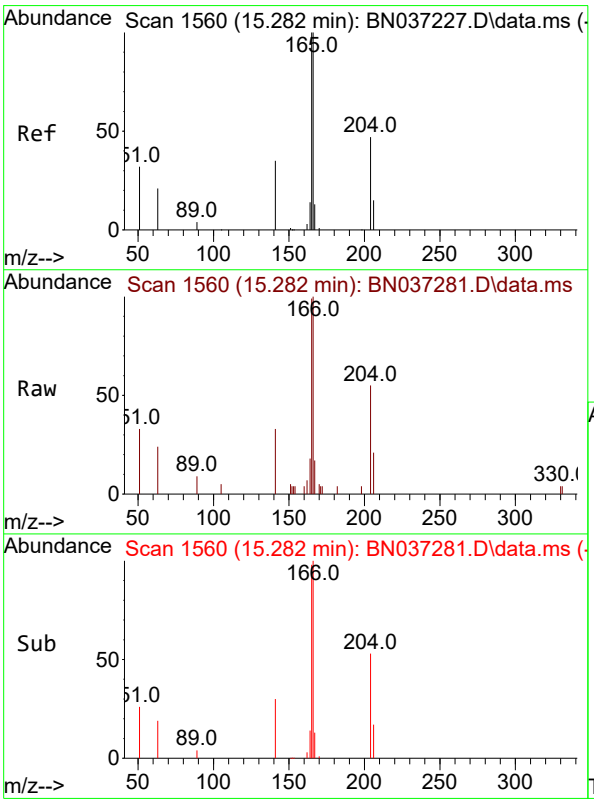
#17
Acenaphthene
Concen: 0.344 ng
RT: 14.288 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:154 Resp: 1450

Ion	Ratio	Lower	Upper
154	100		
153	116.8	94.6	141.8
152	60.1	49.6	74.4

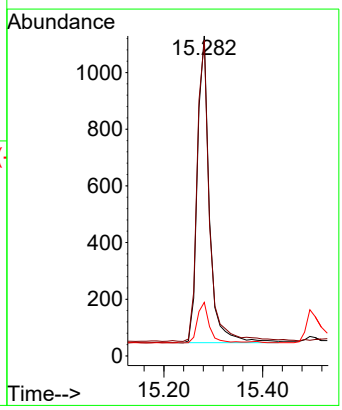


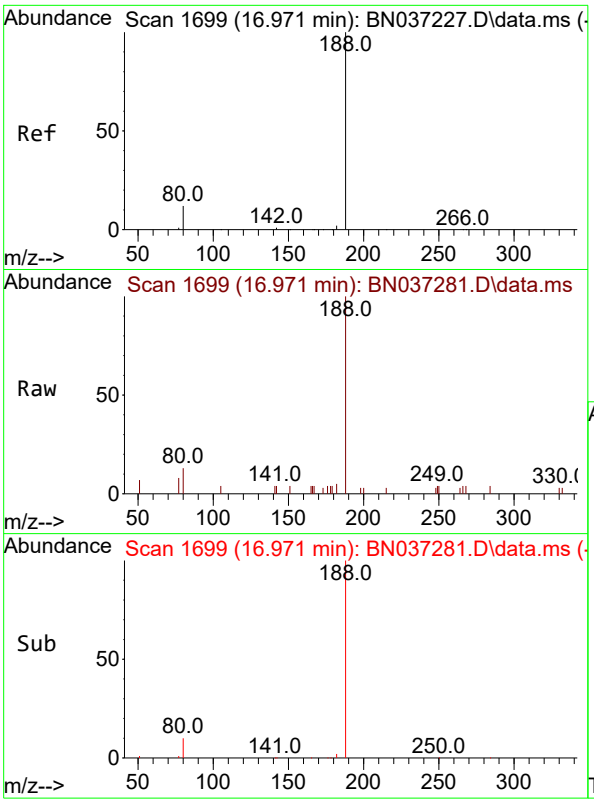


#18
Fluorene
Concen: 0.337 ng
RT: 15.282 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:166 Resp: 1824

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.8	119.6
167	13.2	10.8	16.2



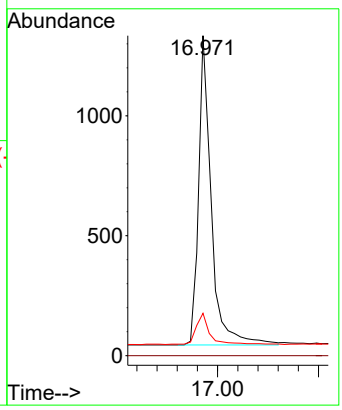


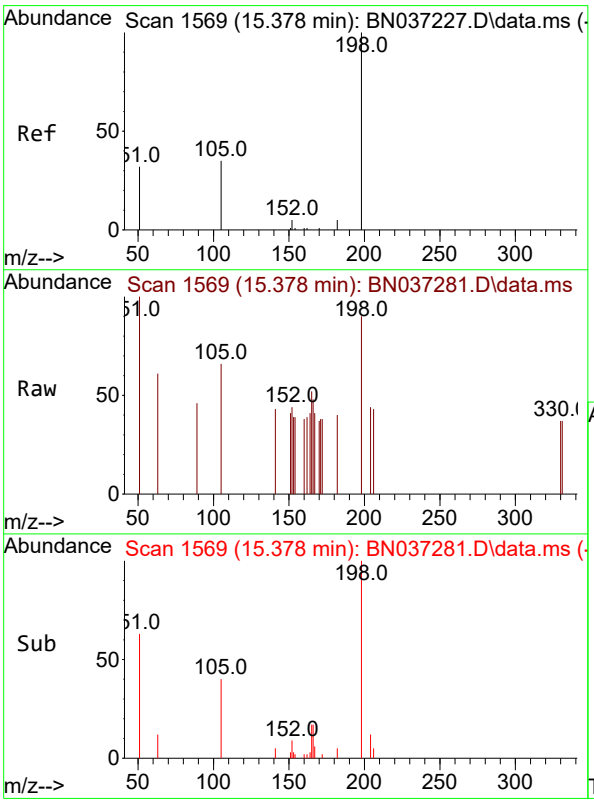
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:188 Resp: 2256

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	12.2	18.4

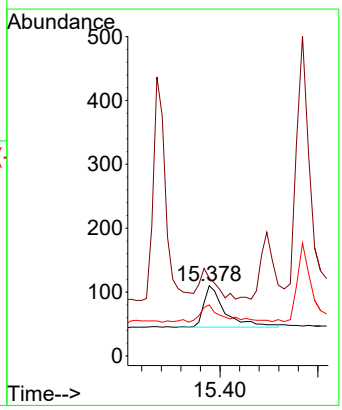


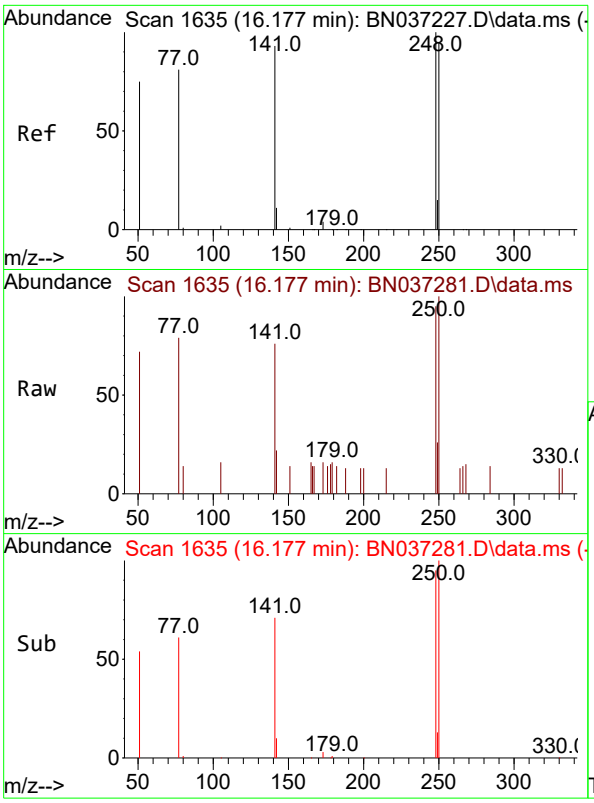


#20
4,6-Dinitro-2-methylphenol
Concen: 0.452 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:198 Resp: 199

Ion	Ratio	Lower	Upper
198	100		
51	110.9	111.2	166.8#
105	72.7	54.0	81.0



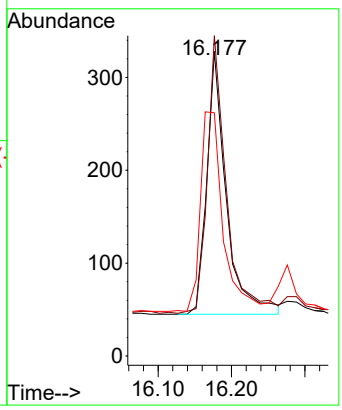


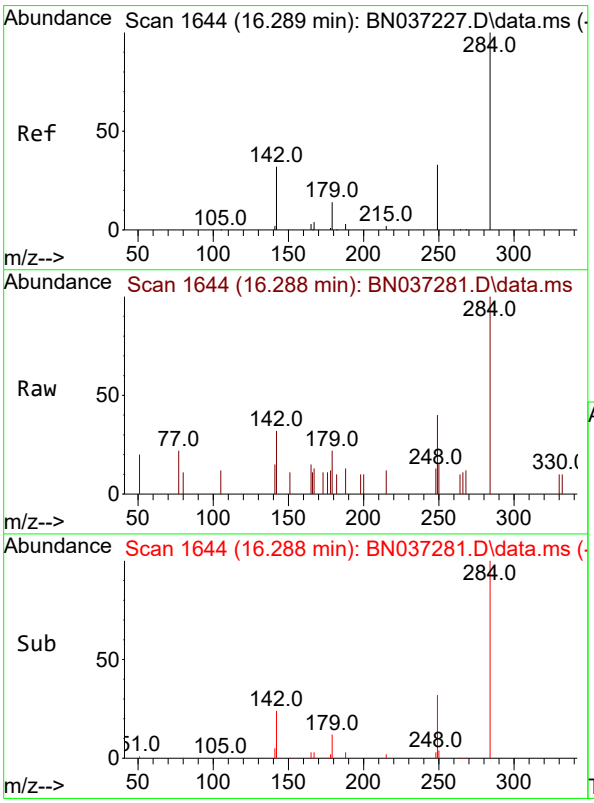
#21
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.177 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:248 Resp: 520

Ion	Ratio	Lower	Upper
248	100		
250	105.2	76.8	115.2
141	79.9	75.6	113.4

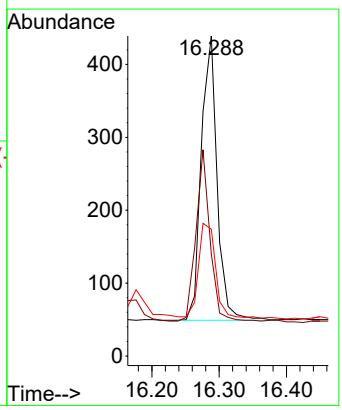


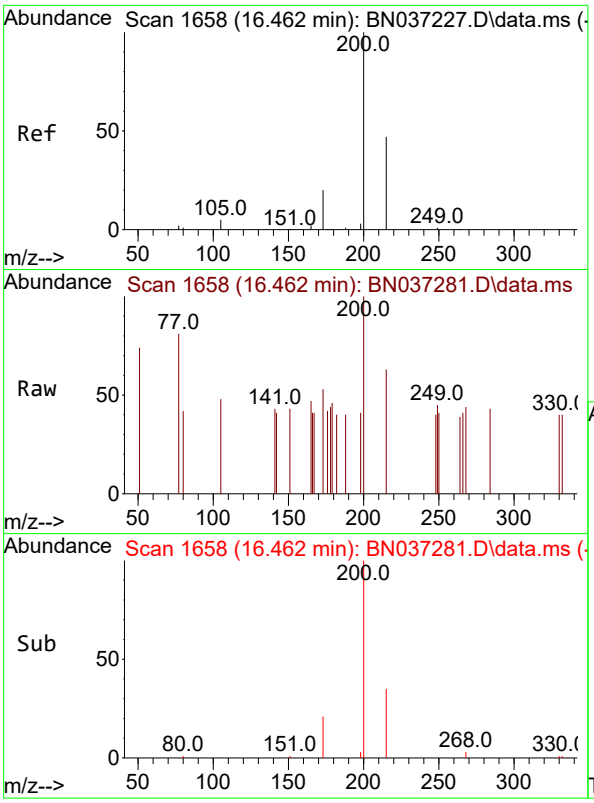


#22
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.288 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:284 Resp: 639

Ion	Ratio	Lower	Upper
284	100		
142	53.4	43.8	65.6
249	38.3	28.4	42.6



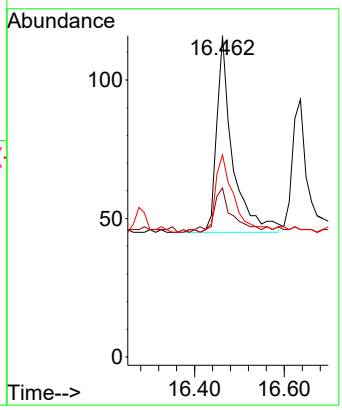


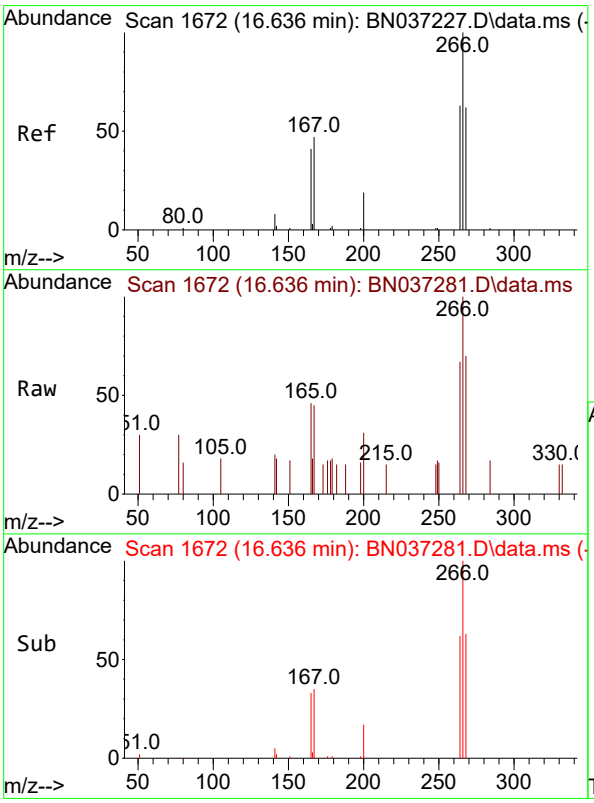
#23
Atrazine
Concen: 0.133 ng
RT: 16.462 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:200 Resp: 174

Ion	Ratio	Lower	Upper
200	100		
173	52.6	25.1	37.7#
215	62.9	43.7	65.5

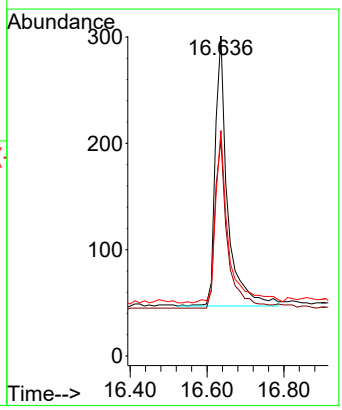


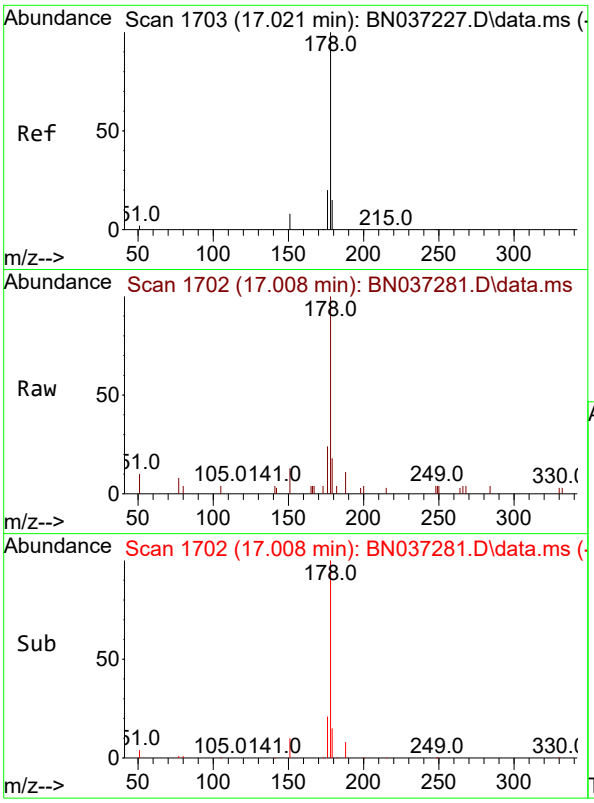


#24
Pentachlorophenol
Concen: 0.674 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:266 Resp: 563

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.2	73.8
268	65.7	53.4	80.2



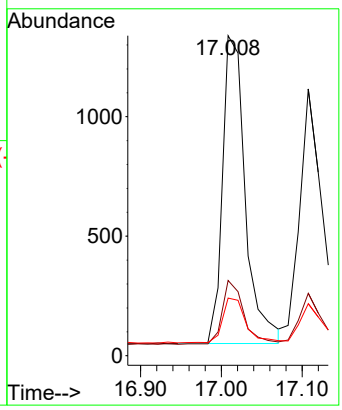


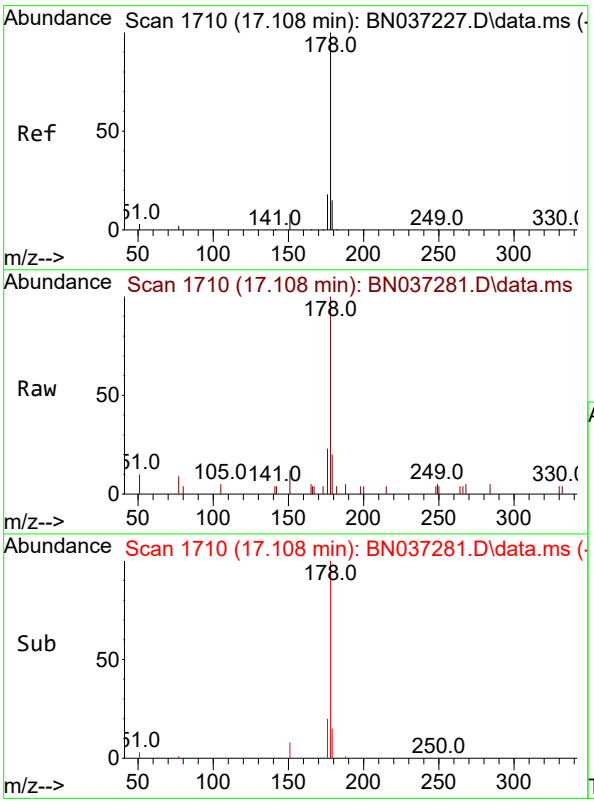
#25
Phenanthrene
Concen: 0.354 ng
RT: 17.008 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:178 Resp: 2535

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	14.5	12.6	18.8

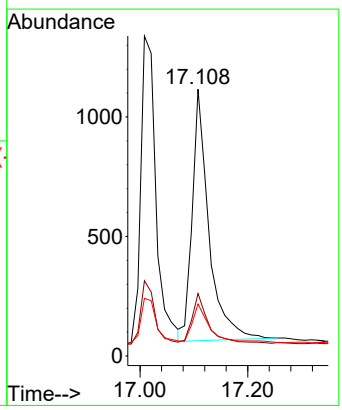


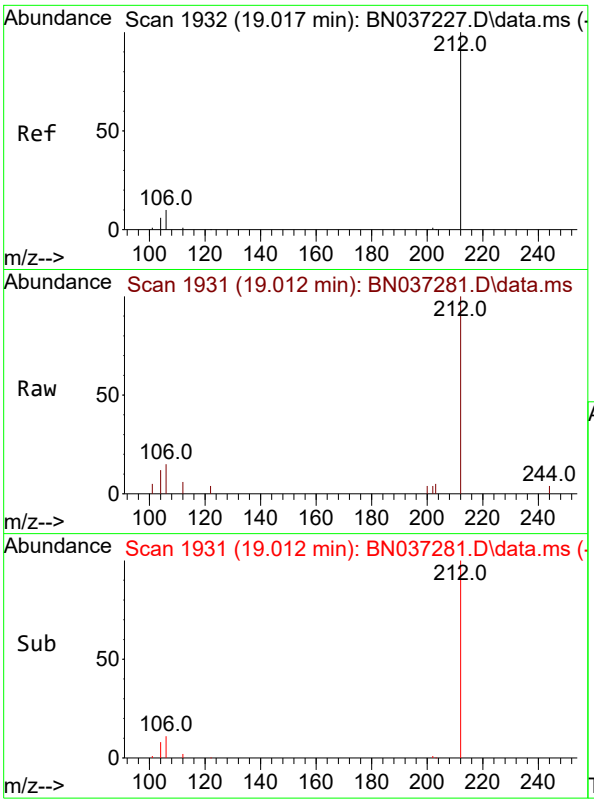


#26
Anthracene
Concen: 0.346 ng
RT: 17.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:178 Resp: 2265

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.3	12.4	18.6



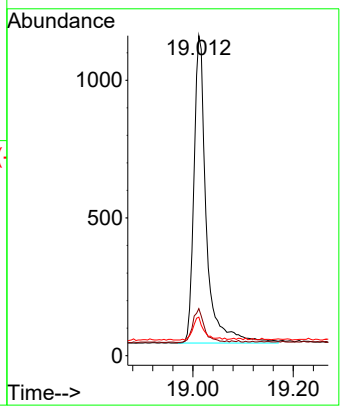


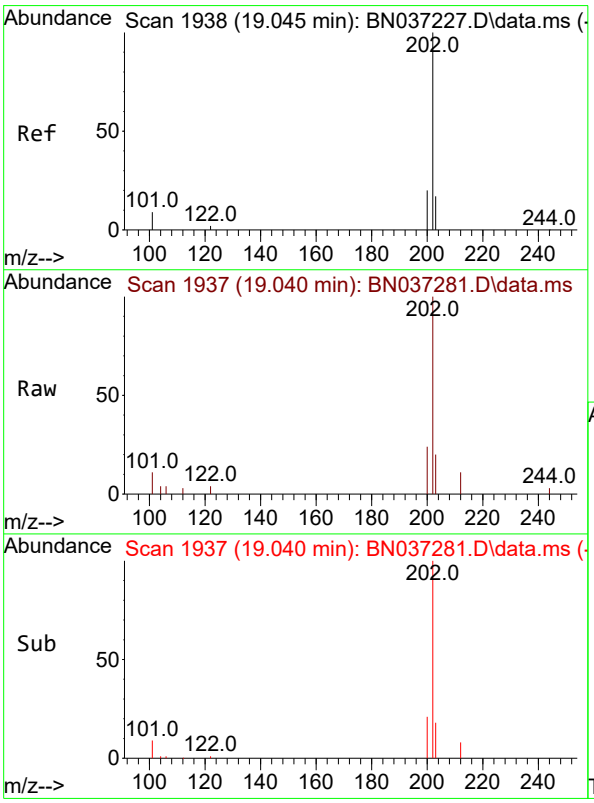
#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.012 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:212 Resp: 1905

Ion	Ratio	Lower	Upper
212	100		
106	10.3	9.3	13.9
104	6.3	5.7	8.5

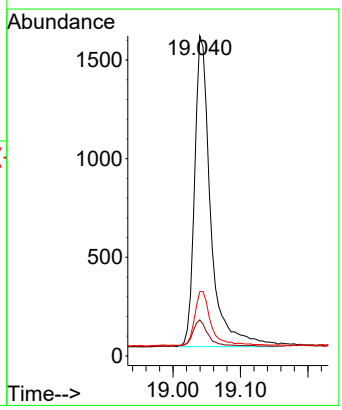


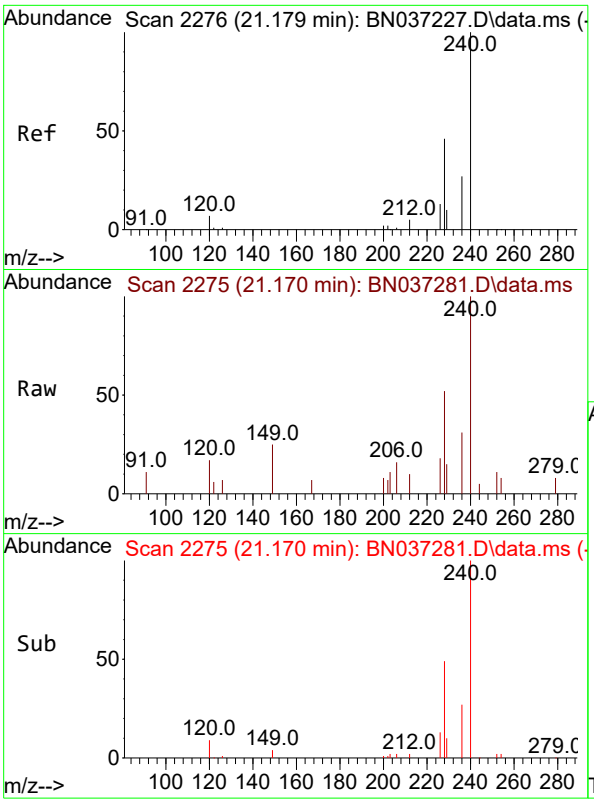


#28
Fluoranthene
Concen: 0.312 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:202 Resp: 2616

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.1	10.7
203	17.4	13.0	19.6



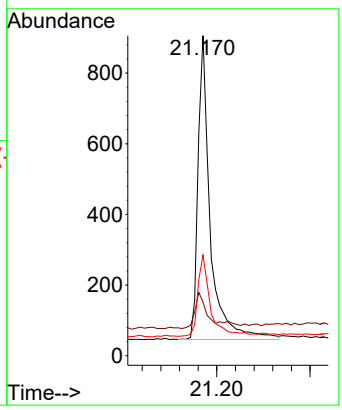


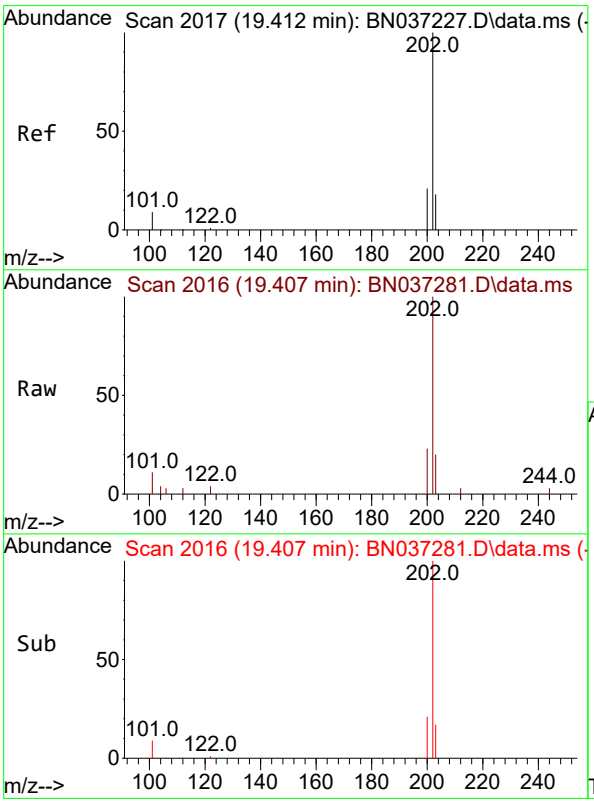
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.170 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:240 Resp: 1565

Ion	Ratio	Lower	Upper
240	100		
120	16.8	11.3	16.9
236	31.5	24.4	36.6

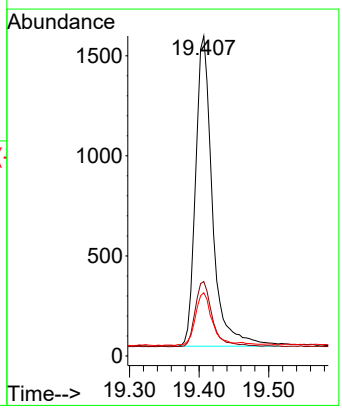


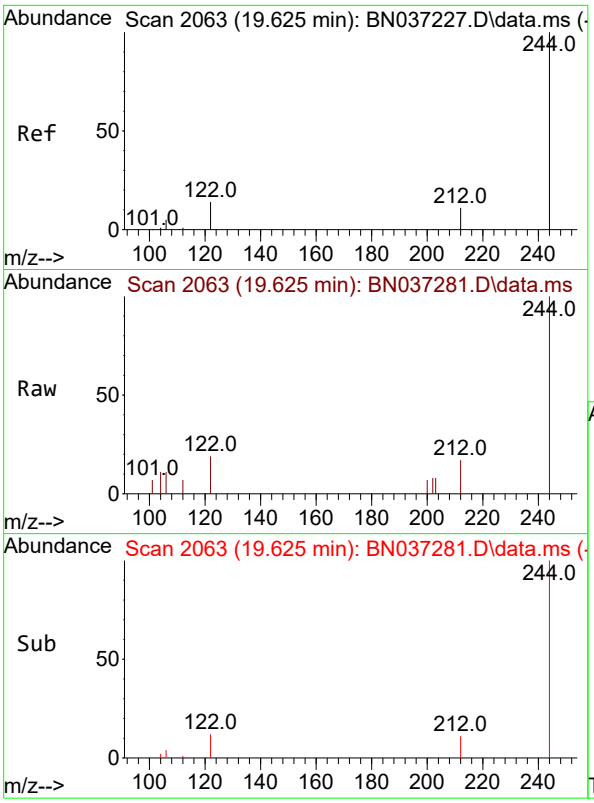


#30
Pyrene
Concen: 0.354 ng
RT: 19.407 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:202 Resp: 2606

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.1	14.3	21.5



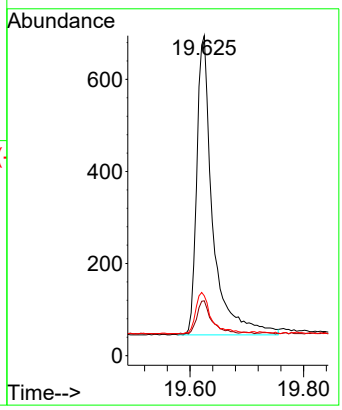


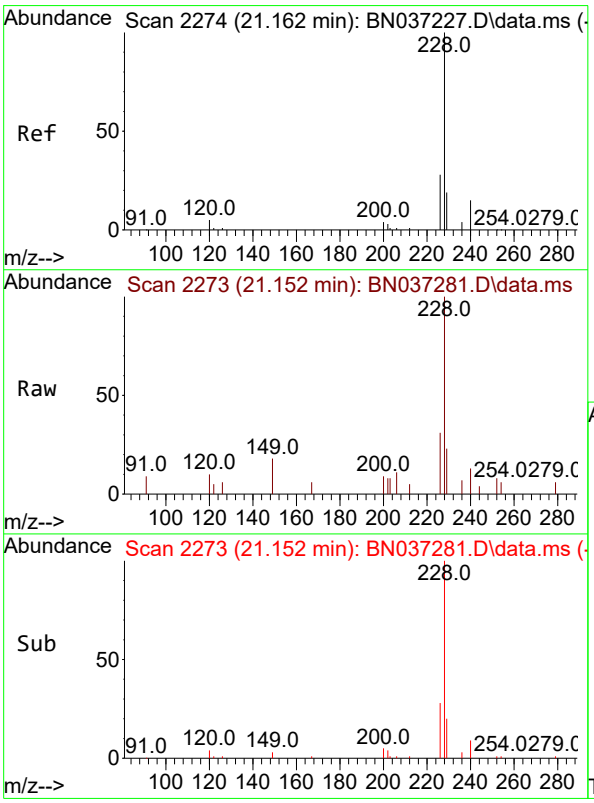
#31
Terphenyl-d14
Concen: 0.359 ng
RT: 19.625 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:244 Resp: 1269

Ion	Ratio	Lower	Upper
244	100		
212	17.1	12.2	18.2
122	18.7	14.3	21.5

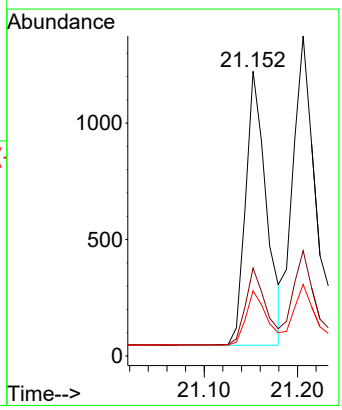


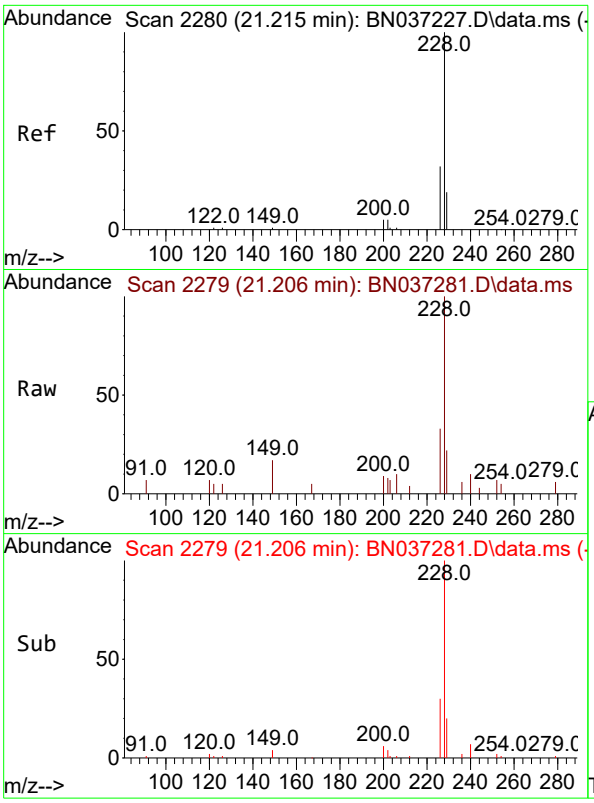


#32
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.152 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:228 Resp: 1822

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.8
229	22.9	17.0	25.4



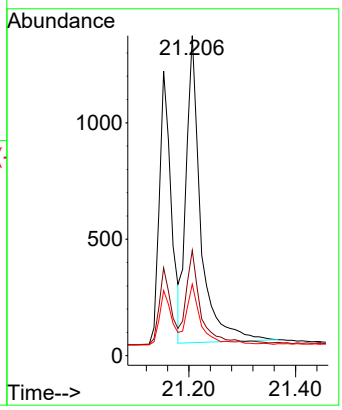


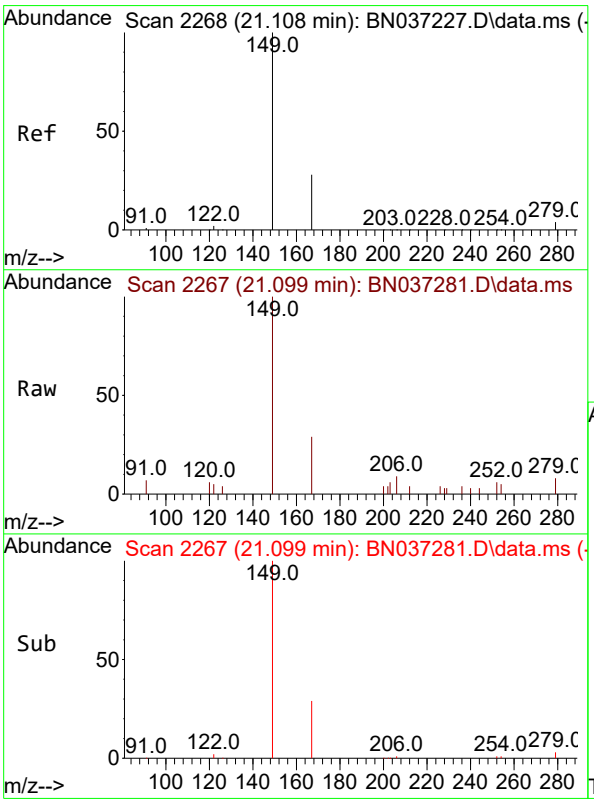
#33
Chrysene
Concen: 0.378 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:228 Resp: 2488

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.8	38.6
229	22.3	17.0	25.4

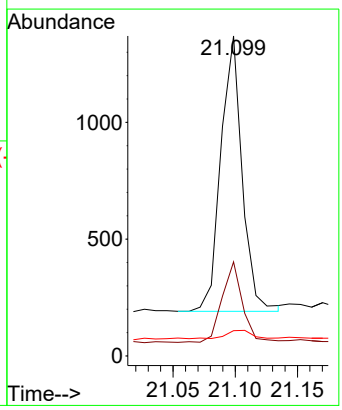


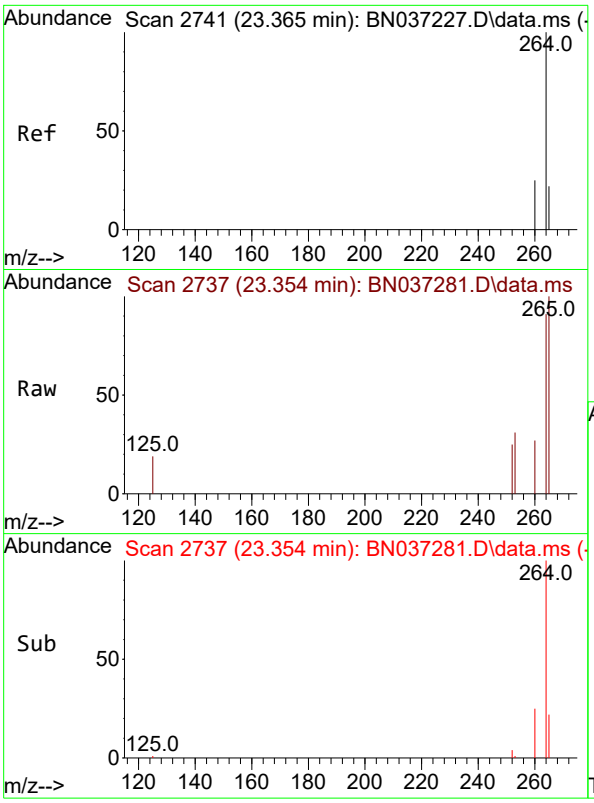


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:149 Resp: 1409

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.3	31.9
279	3.7	3.3	4.9



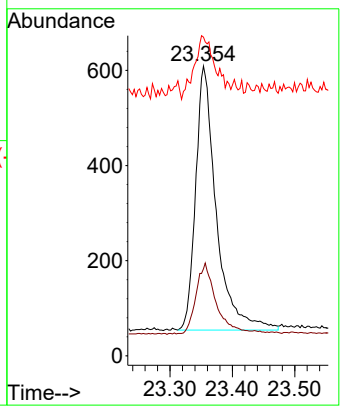


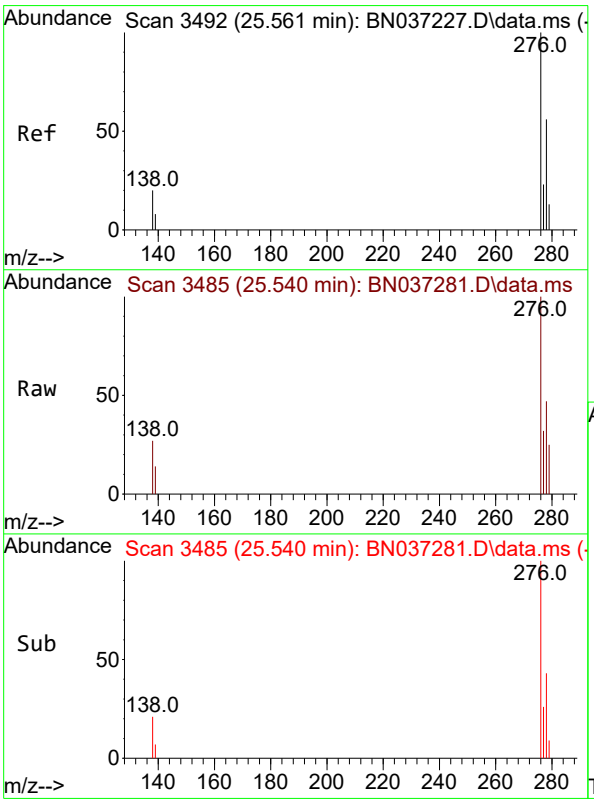
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.354 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:264 Resp: 1276

Ion	Ratio	Lower	Upper
264	100		
260	30.0	22.8	34.2
265	110.0	66.4	99.6#

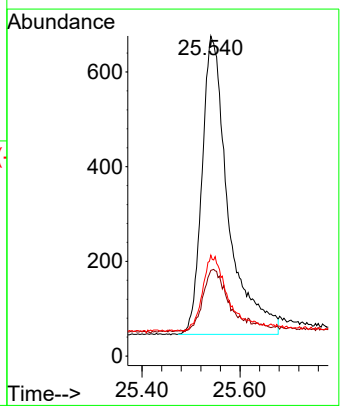


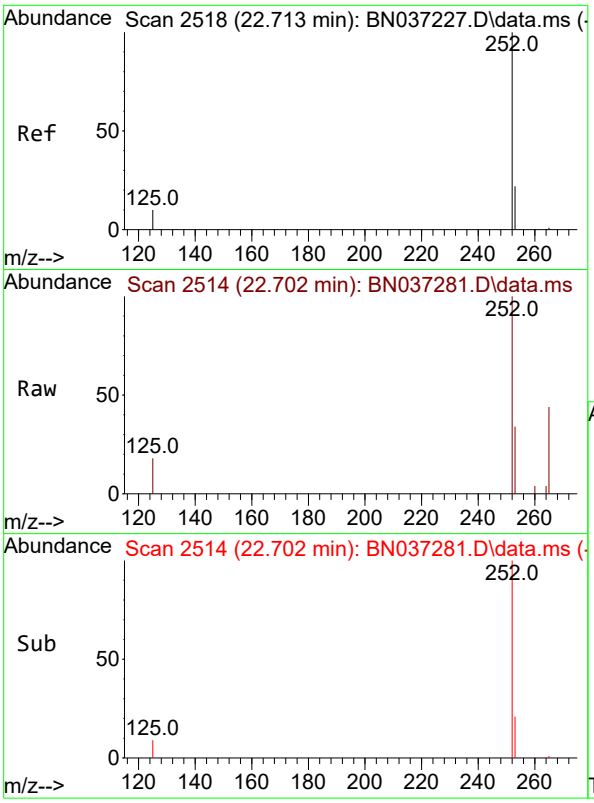


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng
RT: 25.540 min Scan# 3485
Delta R.T. -0.021 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:276 Resp: 2342

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.8	25.2
277	24.8	19.5	29.3



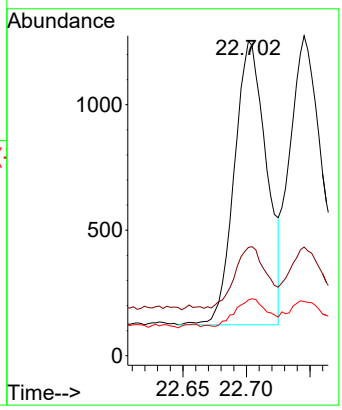


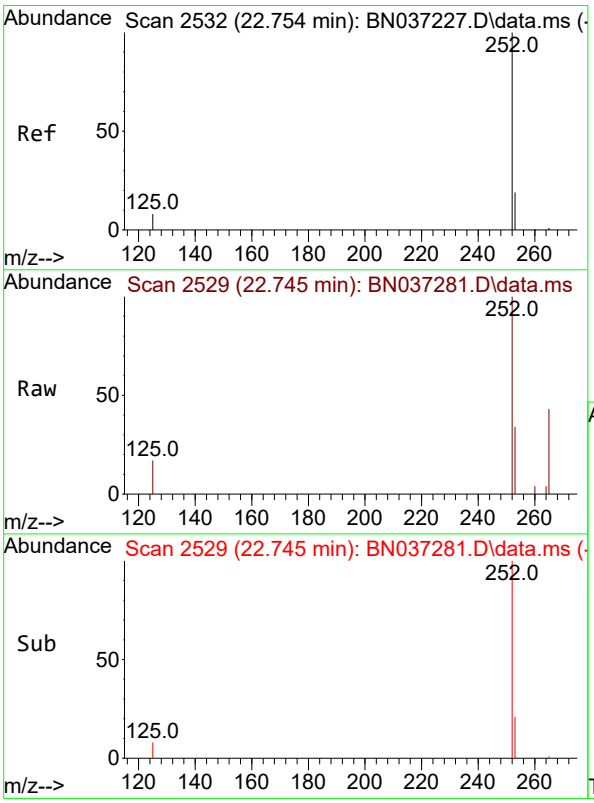
#37
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 22.702 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:252 Resp: 1986

Ion	Ratio	Lower	Upper
252	100		
253	34.4	24.9	37.3
125	17.8	12.9	19.3

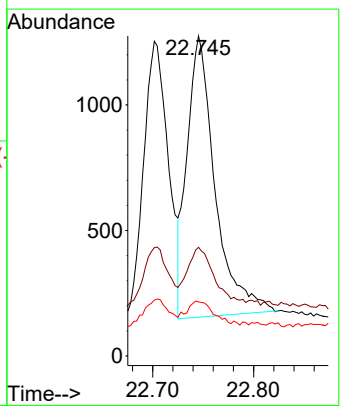


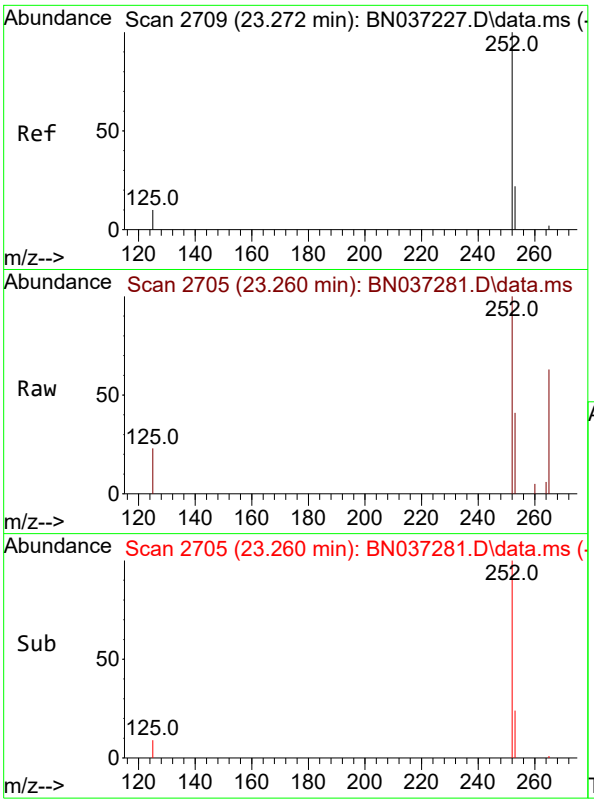


#38
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.745 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:252 Resp: 2165

Ion	Ratio	Lower	Upper
252	100		
253	34.0	24.6	37.0
125	16.9	13.4	20.2



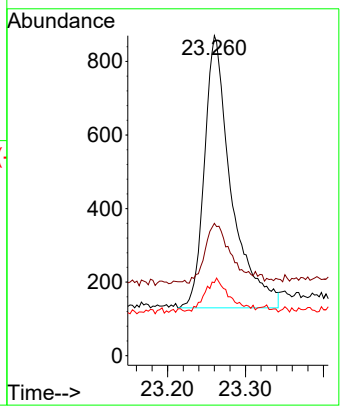


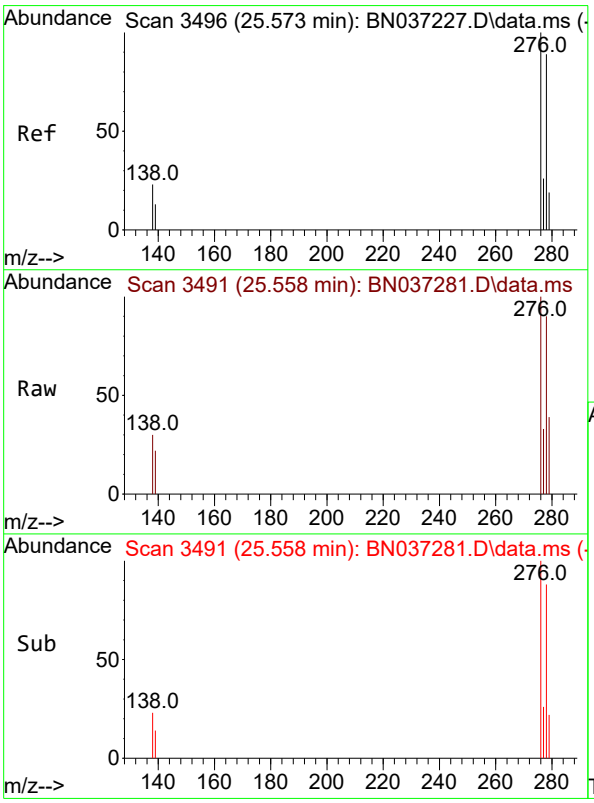
#39
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.260 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:252 Resp: 1765

Ion	Ratio	Lower	Upper
252	100		
253	41.4	29.4	44.2
125	22.9	16.2	24.2

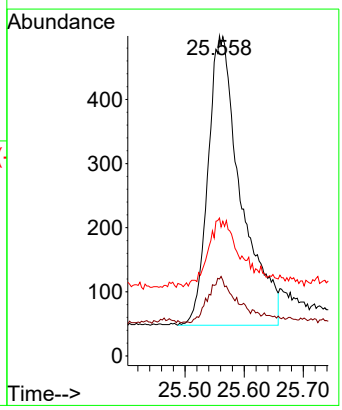


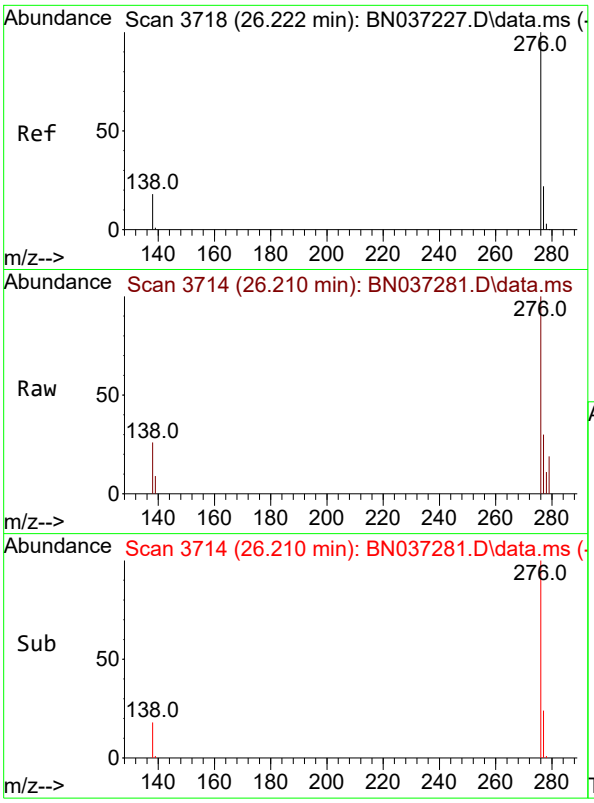


#40
Dibenzo(a,h)anthracene
Concen: 0.446 ng
RT: 25.558 min Scan# 3491
Delta R.T. -0.015 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Tgt Ion:278 Resp: 1744

Ion	Ratio	Lower	Upper
278	100		
139	24.0	17.8	26.6
279	43.1	31.3	46.9





#41
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 26.210 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037281.D
Acq: 15 Jun 2025 03:18

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Tgt Ion:276 Resp: 2014

Ion	Ratio	Lower	Upper
276	100		
277	30.2	22.0	33.0
138	25.6	18.4	27.6