Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037280.D
Acq On : 15 Jun 2025 02:42
Operator : RC/JU
Sample : PB168476BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Quant Time: Jun 16 02:47:13 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	1101	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2637	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1350	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2251	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1528	0.400	ng	0.00
35) Perylene-d12	23.357	264	1224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	961	0.355	ng	0.00
5) Phenol-d6	6.759	99	1013	0.355	ng	0.00
8) Nitrobenzene-d5	8.728	82	979	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	2371	0.670	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	198	0.353	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	2195	0.387	ng	0.00
27) Fluoranthene-d10	19.012	212	1999	0.339	ng	0.00
31) Terphenyl-d14	19.621	244	1313	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	447	0.296	ng	# 1
3) n-Nitrosodimethylamine	3.415	42	1294	0.376	ng	# 99
6) bis(2-Chloroethyl)ether	7.012	93	958	0.375	ng	95
9) Naphthalene	10.404	128	2899	0.380	ng	99
10) Hexachlorobutadiene	10.693	225	744	0.401	ng	# 98
12) 2-Methylnaphthalene	12.026	142	1579	0.340	ng	98
16) Acenaphthylene	13.935	152	2642	0.399	ng	99
17) Acenaphthene	14.288	154	1561	0.366	ng	98
18) Fluorene	15.282	166	1981	0.361	ng	100
20) 4,6-Dinitro-2-methylph...	15.378	198	205	0.463	ng	87
21) 4-Bromophenyl-phenylether	16.177	248	566	0.386	ng	89
22) Hexachlorobenzene	16.289	284	682	0.401	ng	98
23) Atrazine	16.463	200	212	0.162	ng	# 81
24) Pentachlorophenol	16.636	266	600	0.720	ng	97
25) Phenanthrene	17.009	178	2688	0.377	ng	99
26) Anthracene	17.108	178	2516	0.385	ng	98
28) Fluoranthene	19.040	202	2829	0.339	ng	99
30) Pyrene	19.403	202	2773	0.386	ng	99
32) Benzo(a)anthracene	21.153	228	1878	0.364	ng	99
33) Chrysene	21.207	228	2594	0.404	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1471	0.383	ng	99
36) Indeno(1,2,3-cd)pyrene	25.547	276	2405	0.487	ng	97
37) Benzo(b)fluoranthene	22.702	252	2018	0.451	ng	96
38) Benzo(k)fluoranthene	22.746	252	2286	0.442	ng	96
39) Benzo(a)pyrene	23.260	252	1793	0.445	ng	94
40) Dibenzo(a,h)anthracene	25.561	278	1876	0.500	ng	95
41) Benzo(g,h,i)perylene	26.210	276	2136	0.467	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
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Misc :
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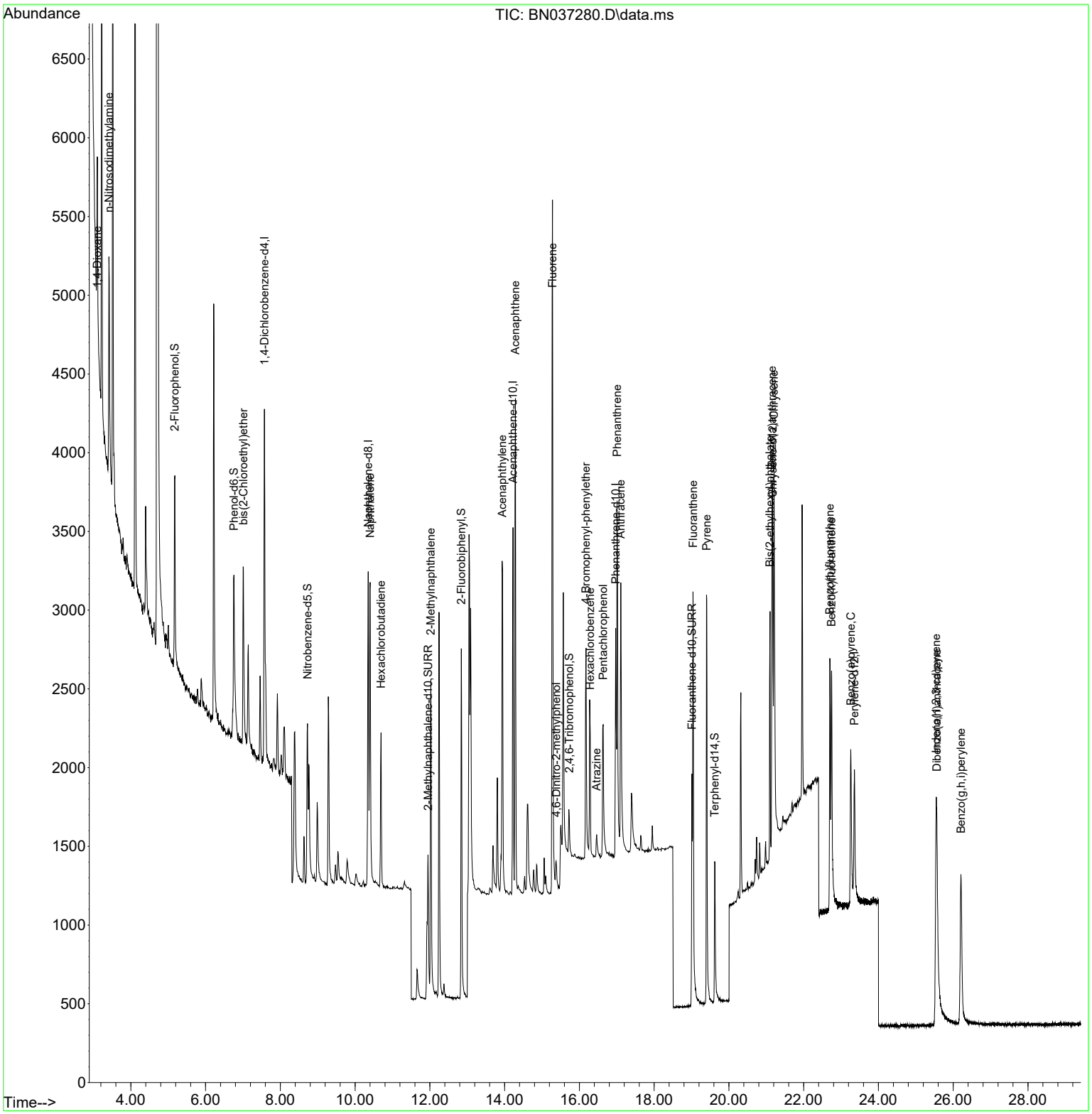
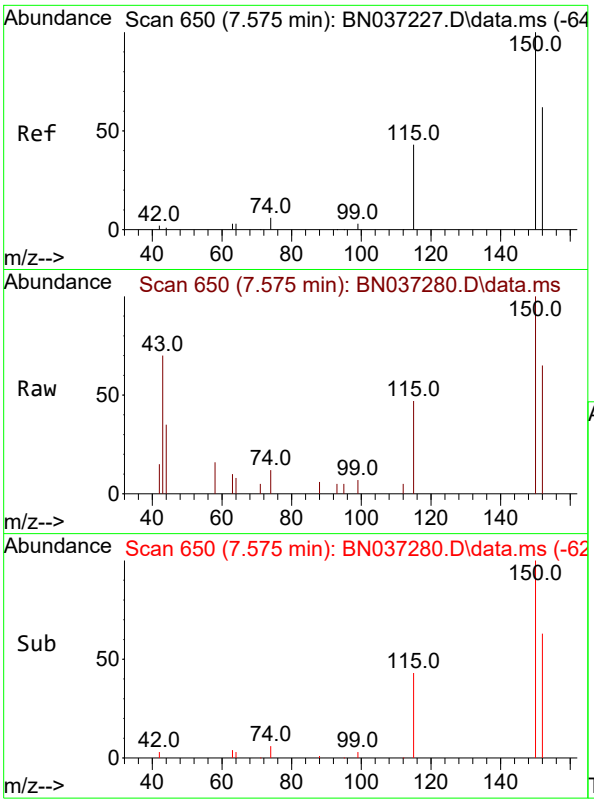
Instrument :
BNA_N
ClientSampleId :
PB168476BS

Quant Time: Jun 16 02:47:13 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



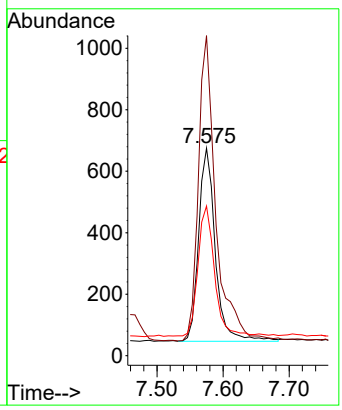


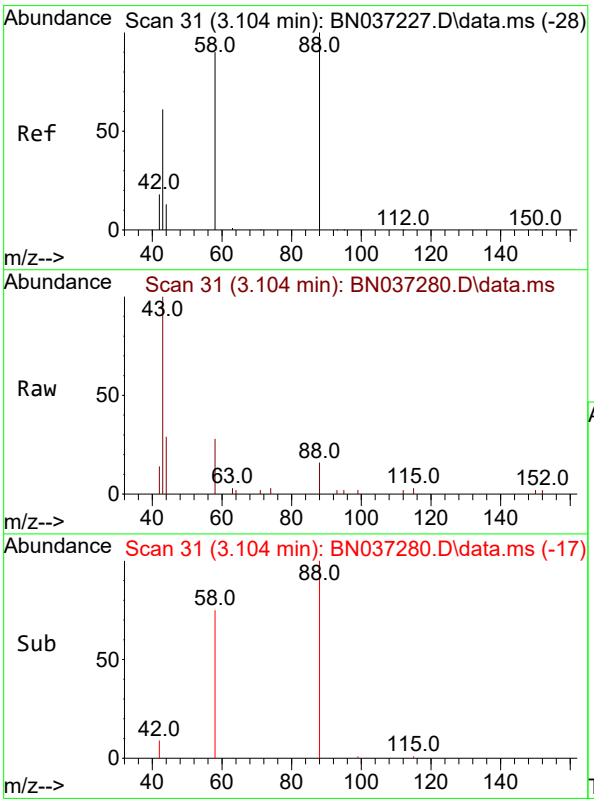
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:152 Resp: 1101

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.2	187.8
115	72.1	58.4	87.6

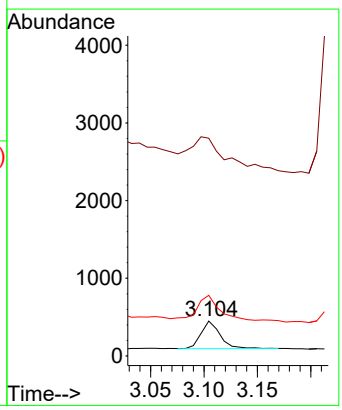


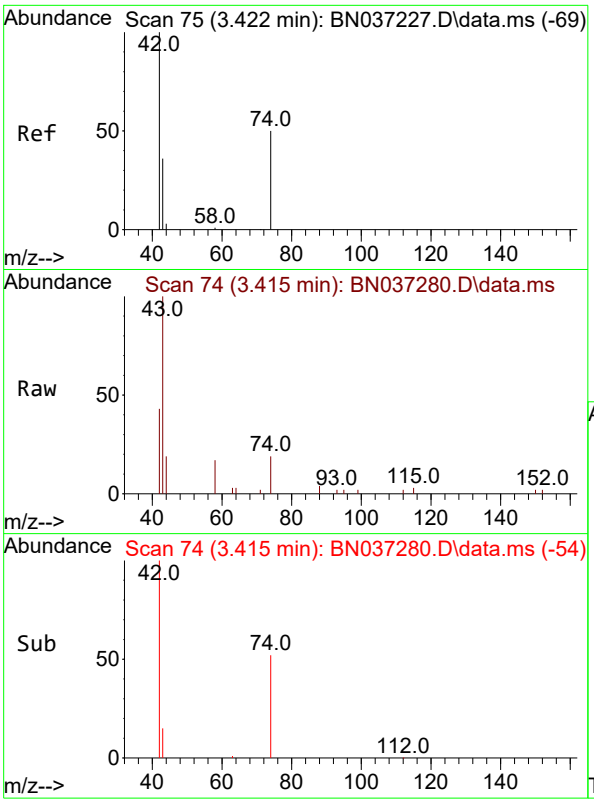


#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion: 88 Resp: 447

Ion	Ratio	Lower	Upper
88	100		
43	243.8	52.6	79.0#
58	133.8	73.5	110.3#



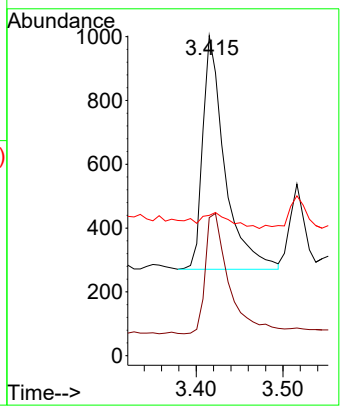


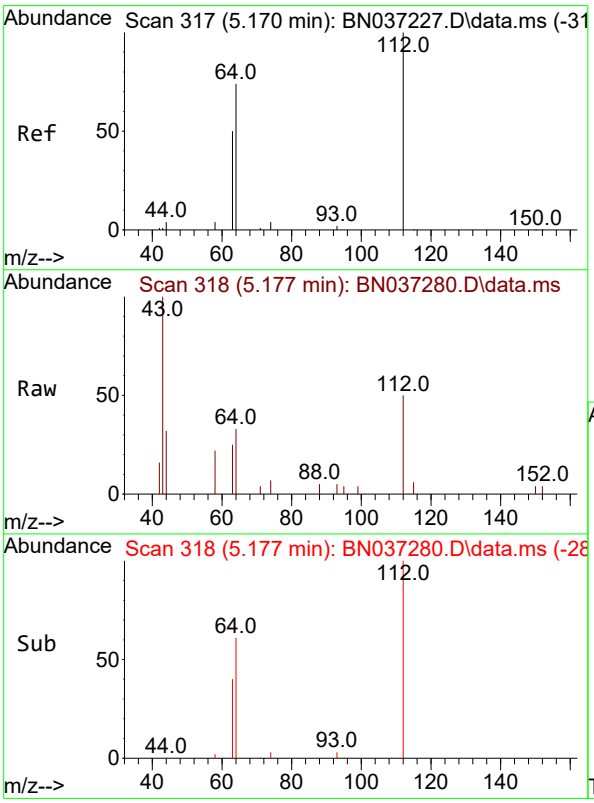
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.007 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion: 42 Resp: 1294

Ion	Ratio	Lower	Upper
42	100		
74	55.5	44.6	66.8
44	8.1	3.5	5.3#

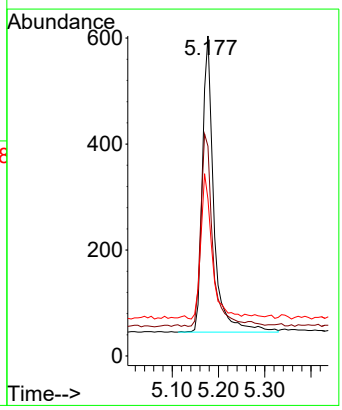


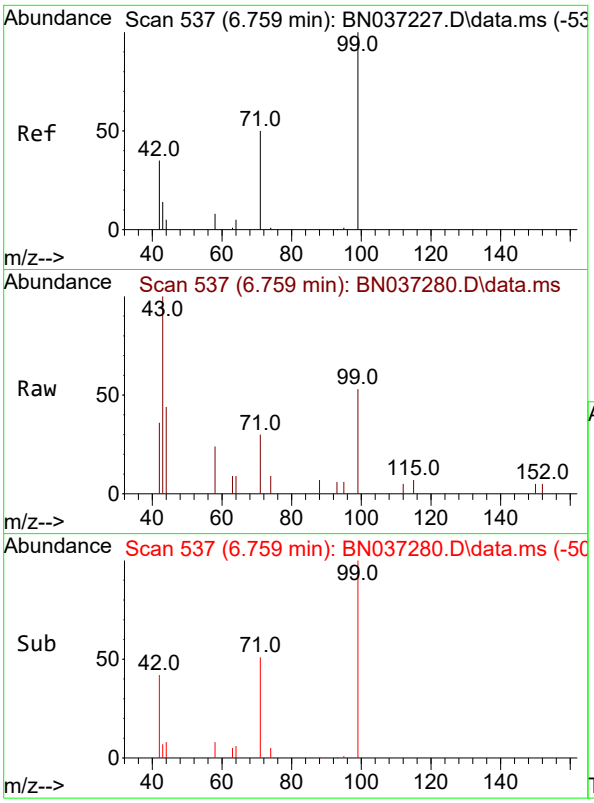


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:112 Resp: 961

Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.2	85.8
63	48.0	39.8	59.6



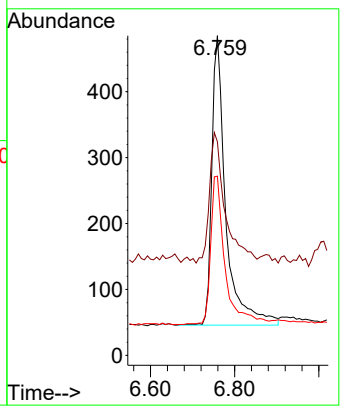


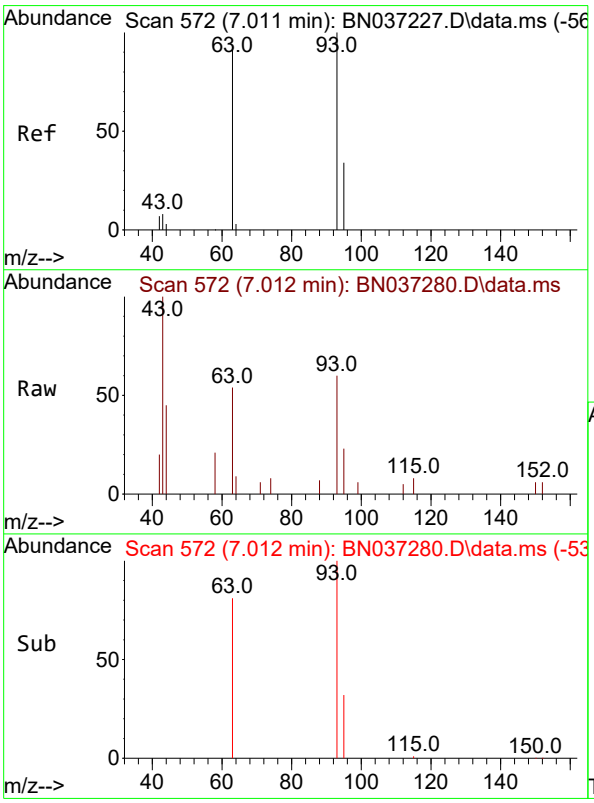
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion: 99 Resp: 1013

Ion	Ratio	Lower	Upper
99	100		
42	50.8	36.2	54.4
71	52.3	42.4	63.6

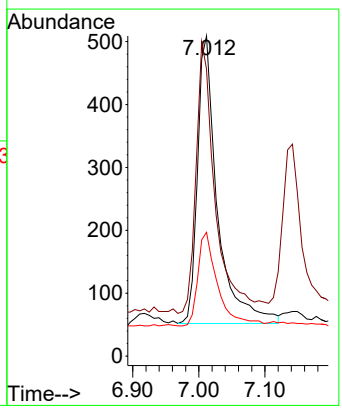


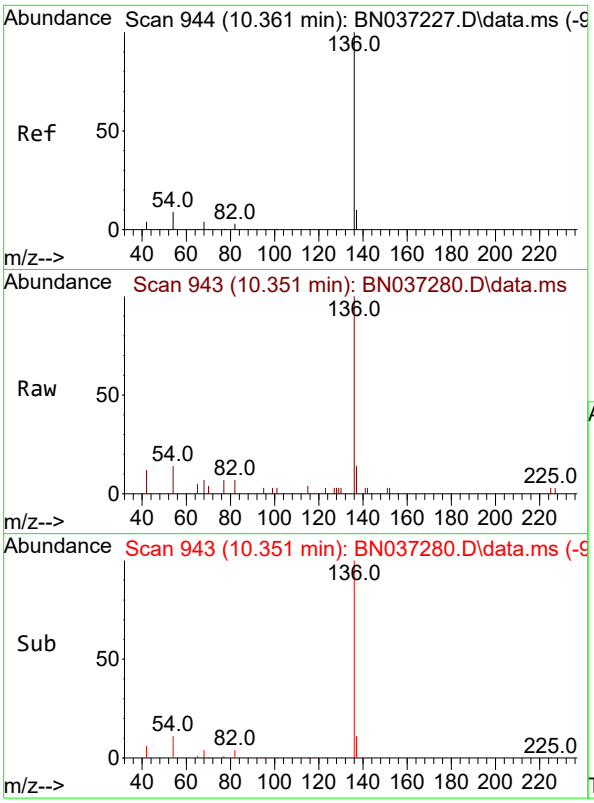


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion: 93 Resp: 958

Ion	Ratio	Lower	Upper
93	100		
63	89.5	75.2	112.8
95	32.3	28.3	42.5



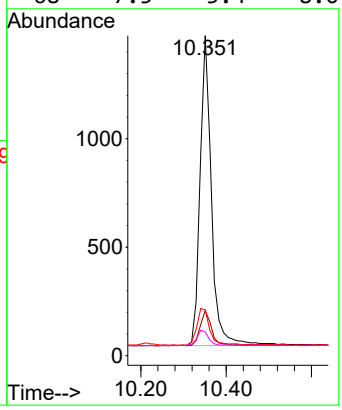


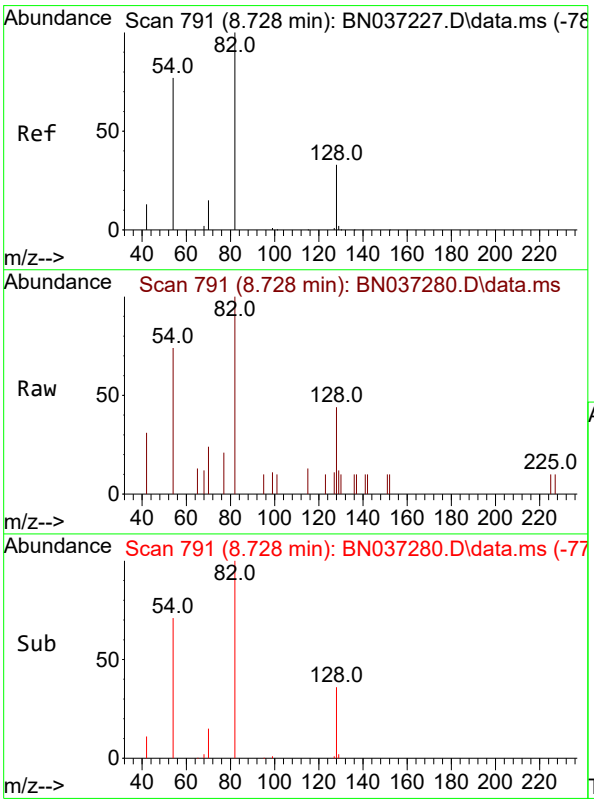
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:136 Resp: 2637

Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.6	15.8
54	14.3	9.2	13.8#
68	7.5	5.4	8.0

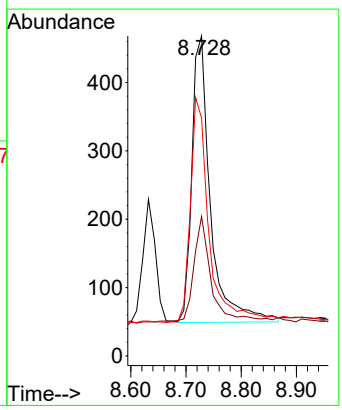


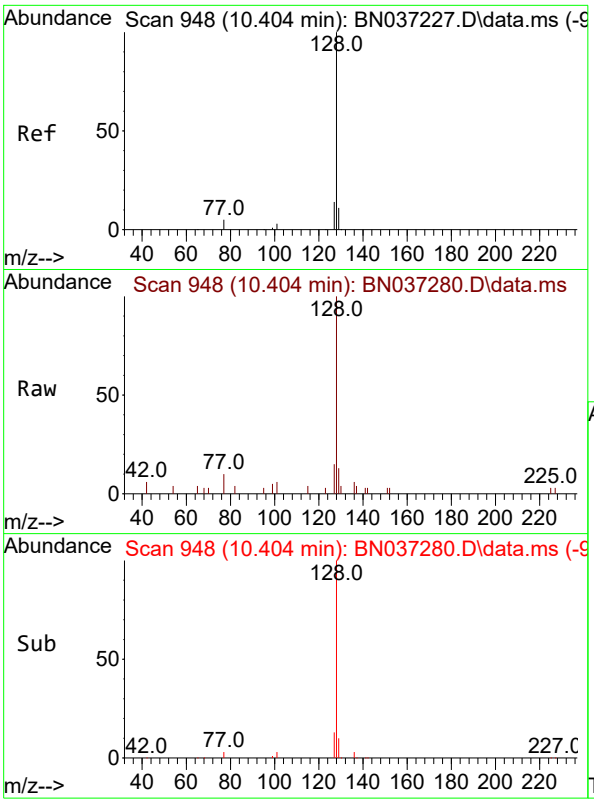


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion: 82 Resp: 979

Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.2	46.8
54	74.4	63.3	94.9



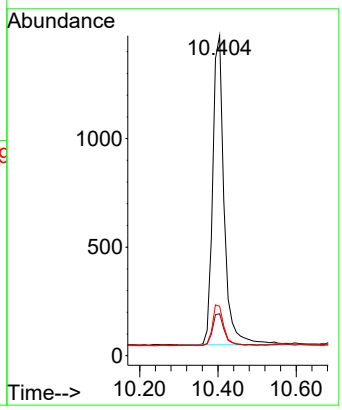


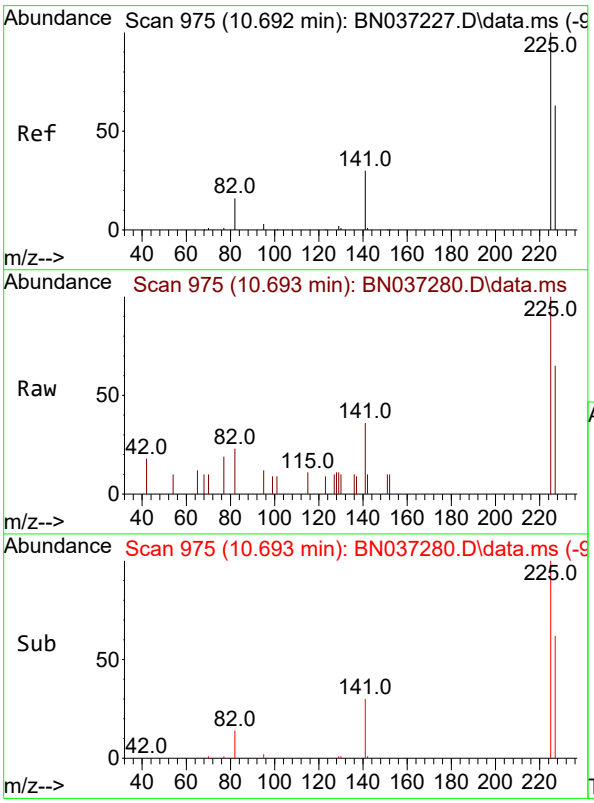
#9
Naphthalene
Concen: 0.380 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:128 Resp: 2899

Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.7	16.1
127	15.5	12.6	19.0

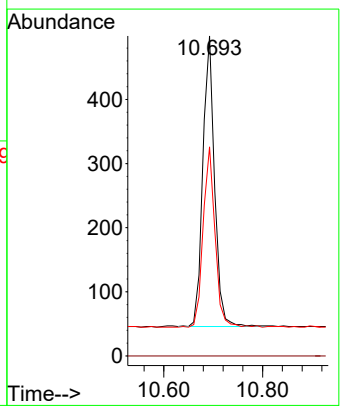


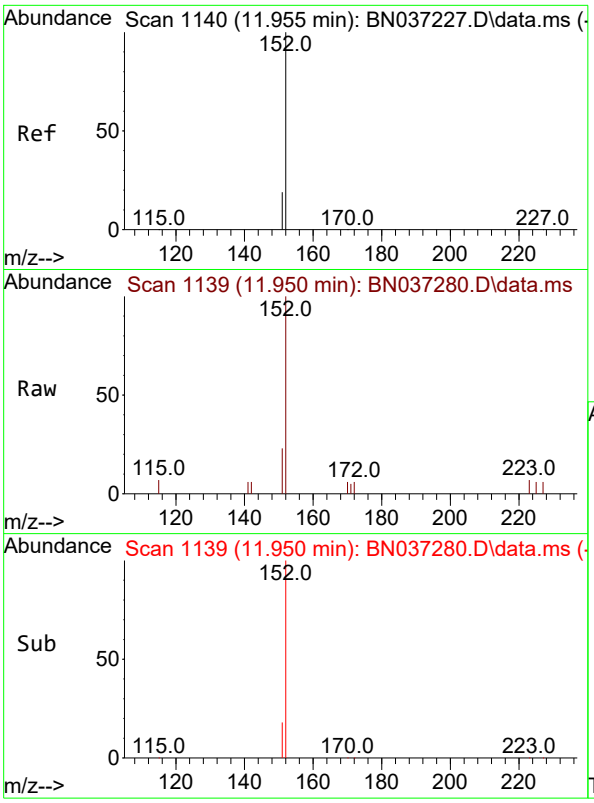


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.693 min Scan# 975
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:225 Resp: 744

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	49.2	73.8



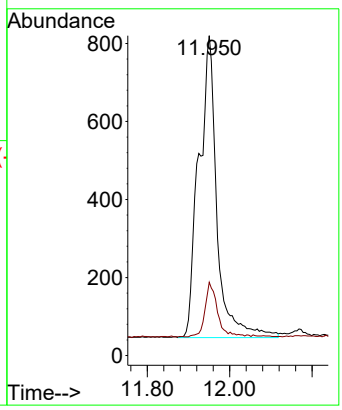


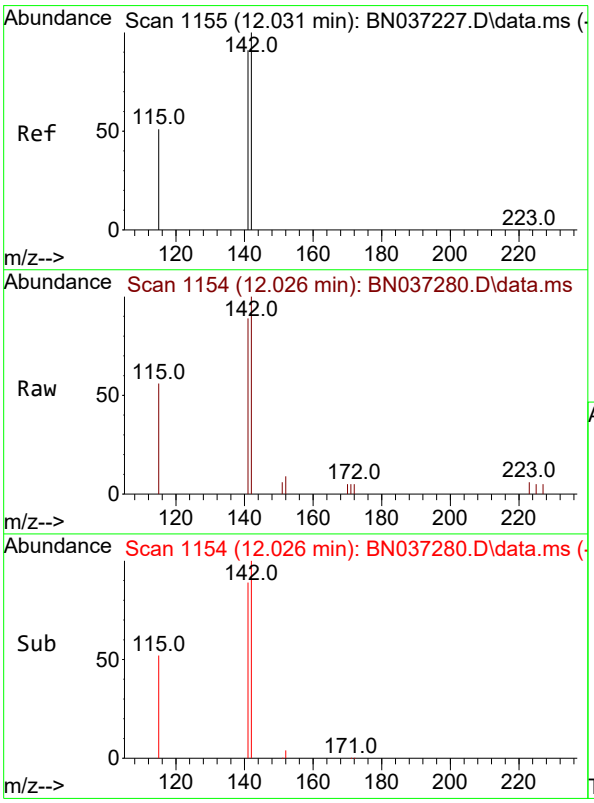
#11
2-Methylnaphthalene-d10
Concen: 0.670 ng
RT: 11.950 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:152 Resp: 2371

Ion	Ratio	Lower	Upper
152	100		
151	12.3	17.9	26.9#

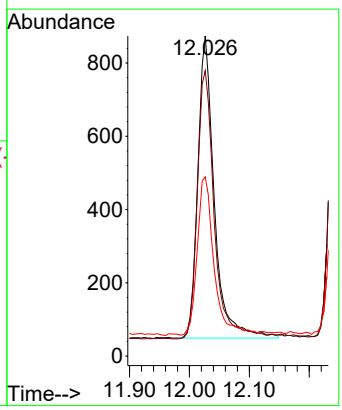


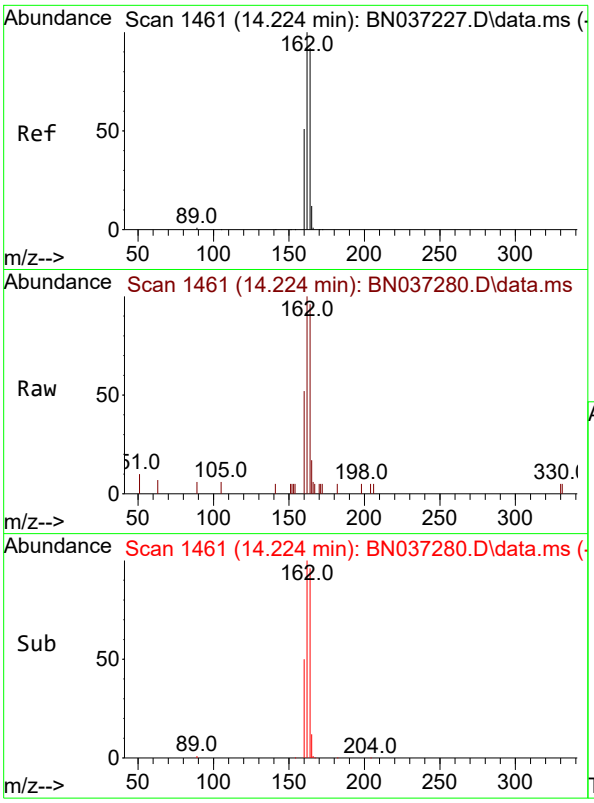


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.026 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:142 Resp: 1579

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
115	55.9	43.3	64.9



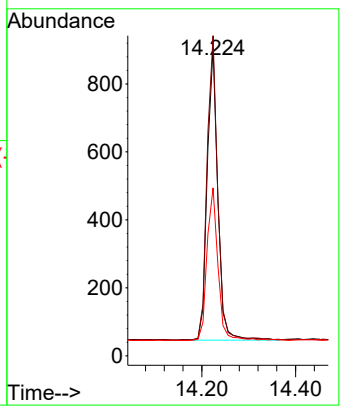


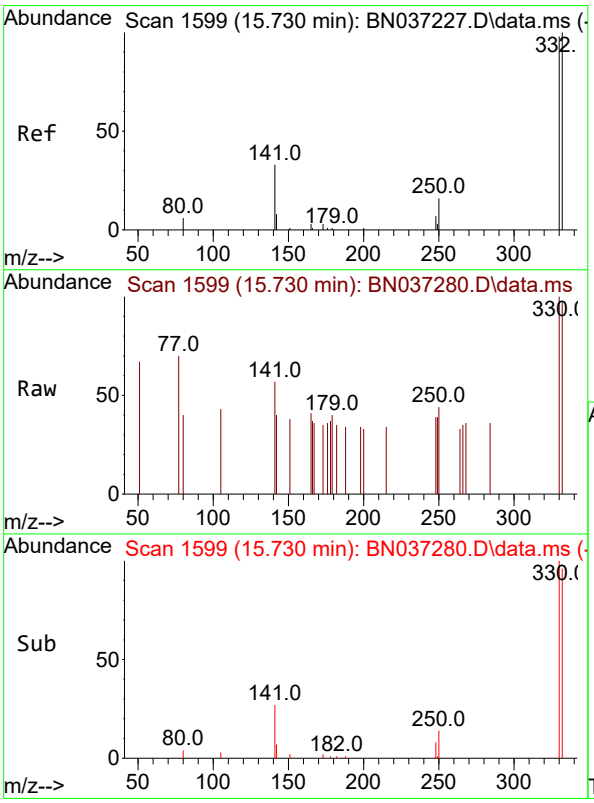
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:164 Resp: 1350

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.7	130.1
160	54.5	45.8	68.6

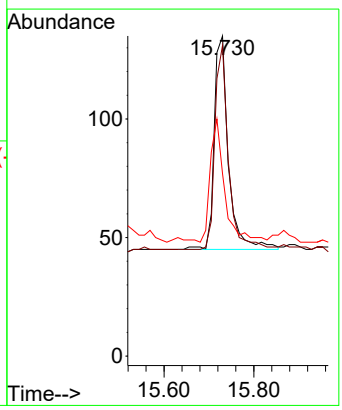


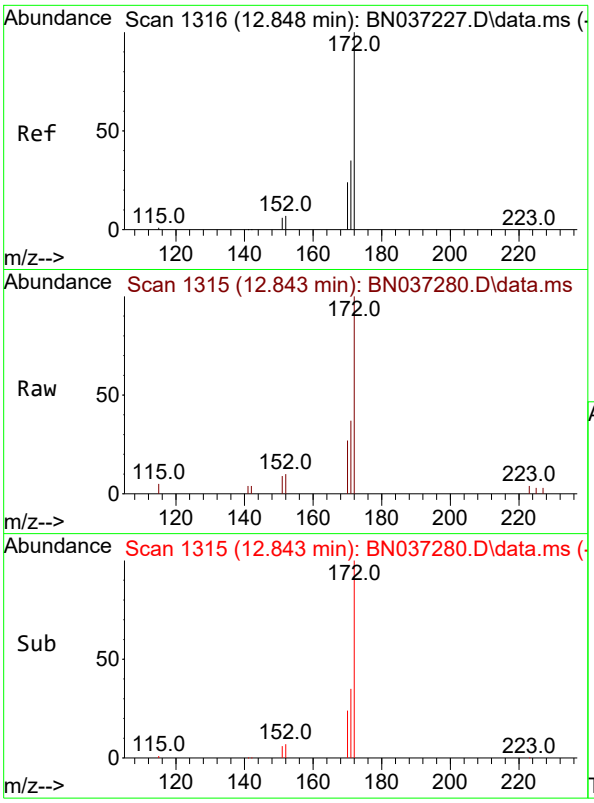


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:330 Resp: 198

Ion	Ratio	Lower	Upper
330	100		
332	90.9	74.9	112.3
141	53.5	45.1	67.7



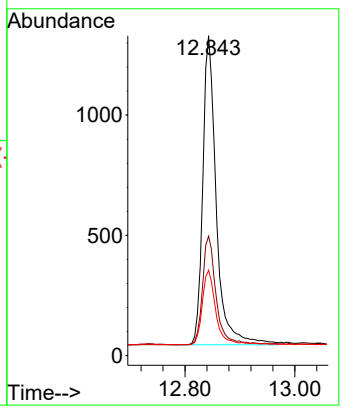


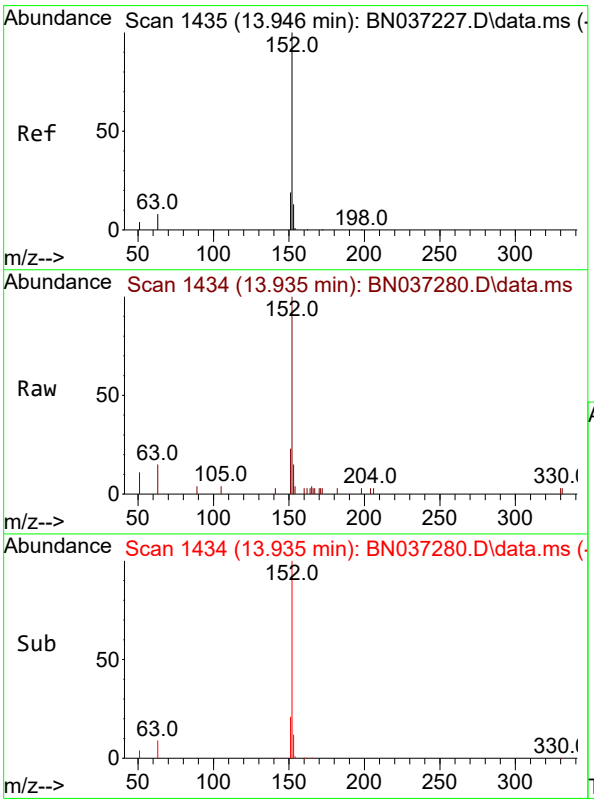
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:172 Resp: 2195

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.8
170	26.7	21.1	31.7

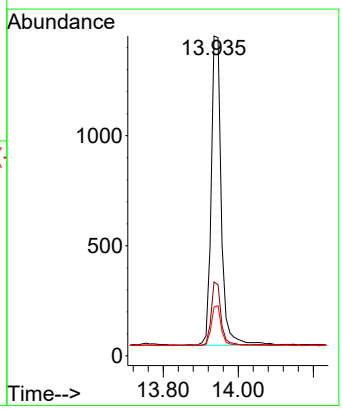


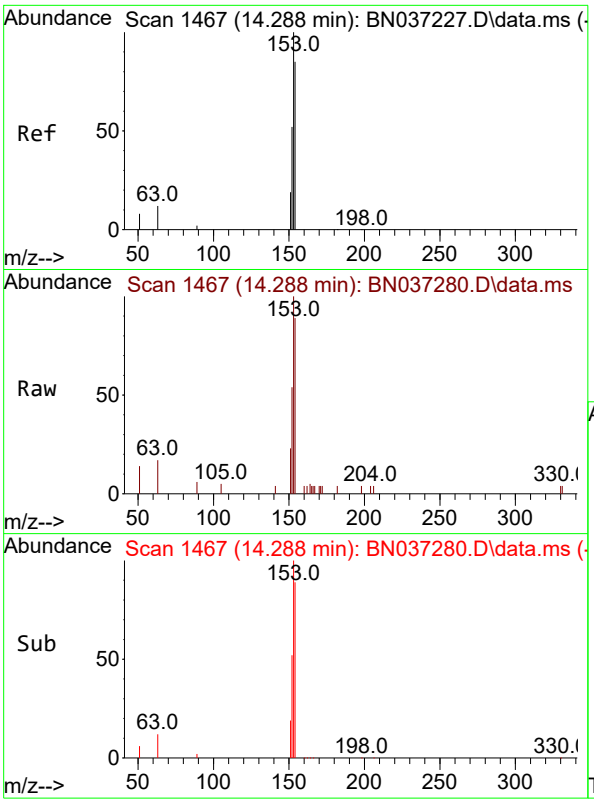


#16
Acenaphthylene
Concen: 0.399 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.010 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:152 Resp: 2642

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.8	10.7	16.1



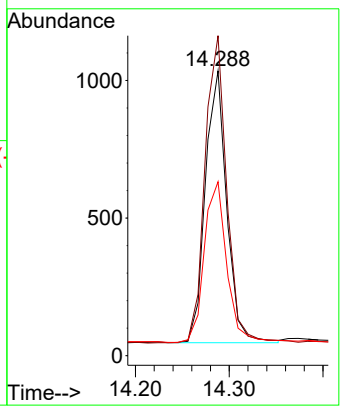


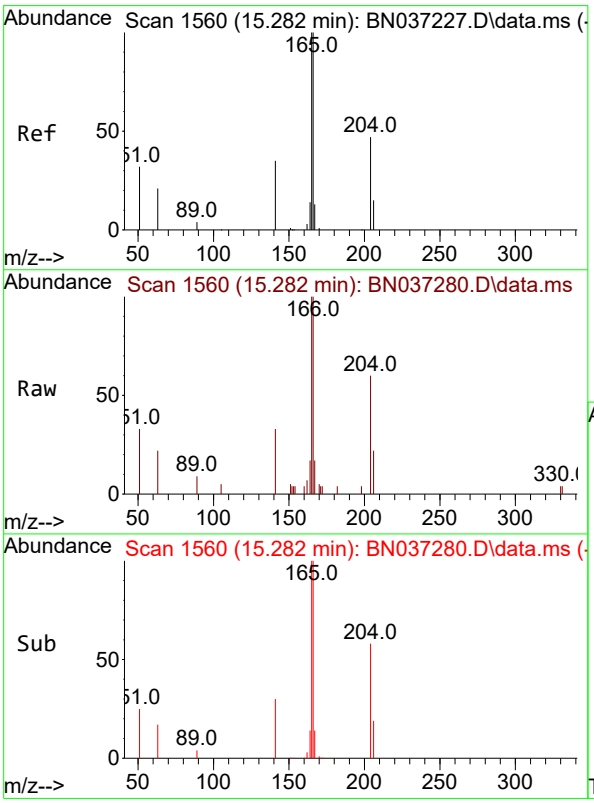
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.288 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:154 Resp: 1561

Ion	Ratio	Lower	Upper
154	100		
153	115.1	94.6	141.8
152	63.2	49.6	74.4

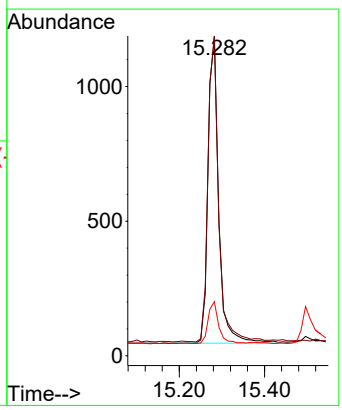


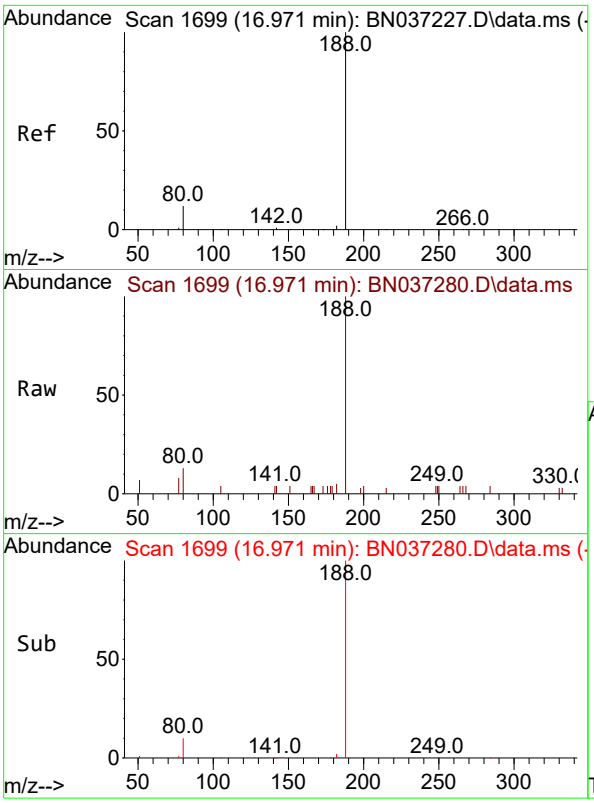


#18
Fluorene
Concen: 0.361 ng
RT: 15.282 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:166 Resp: 1981

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.6
167	13.5	10.8	16.2



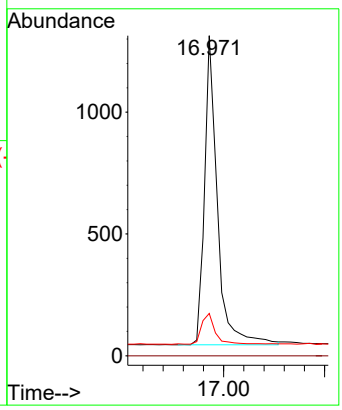


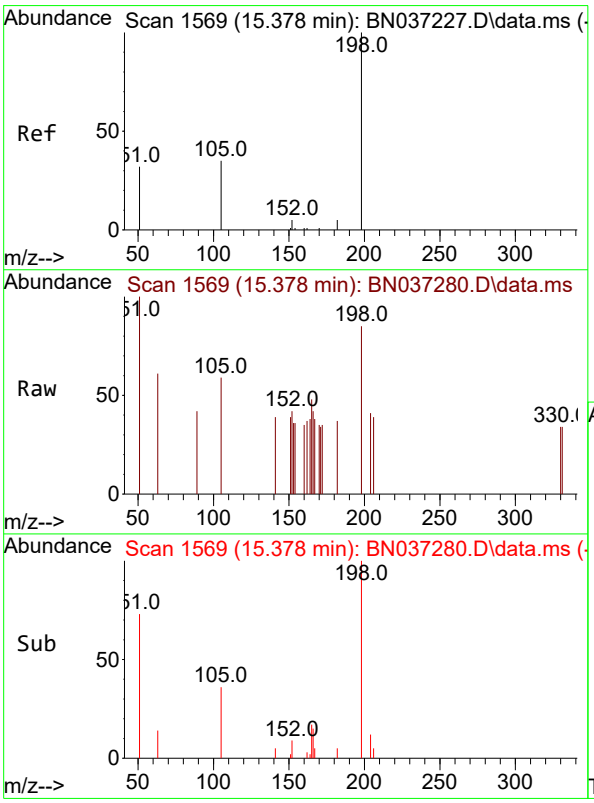
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:188 Resp: 2251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	12.2	18.4

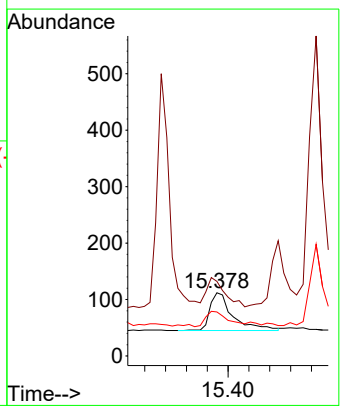


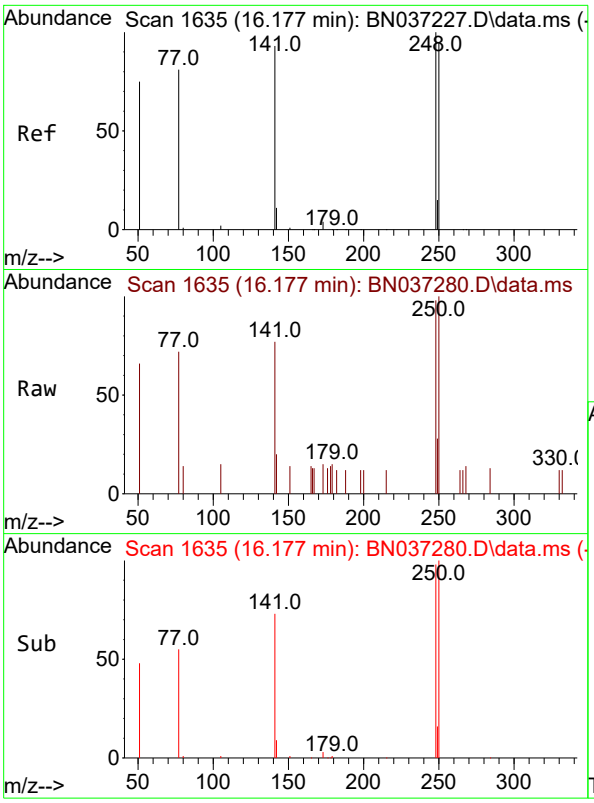


#20
4,6-Dinitro-2-methylphenol
Concen: 0.463 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:198 Resp: 205

Ion	Ratio	Lower	Upper
198	100		
51	117.9	111.2	166.8
105	69.6	54.0	81.0



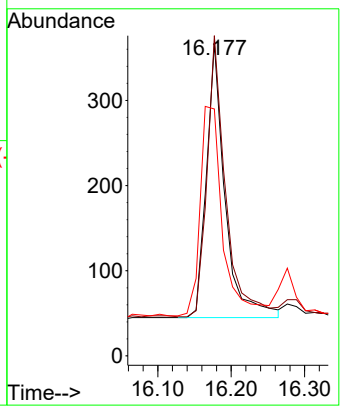


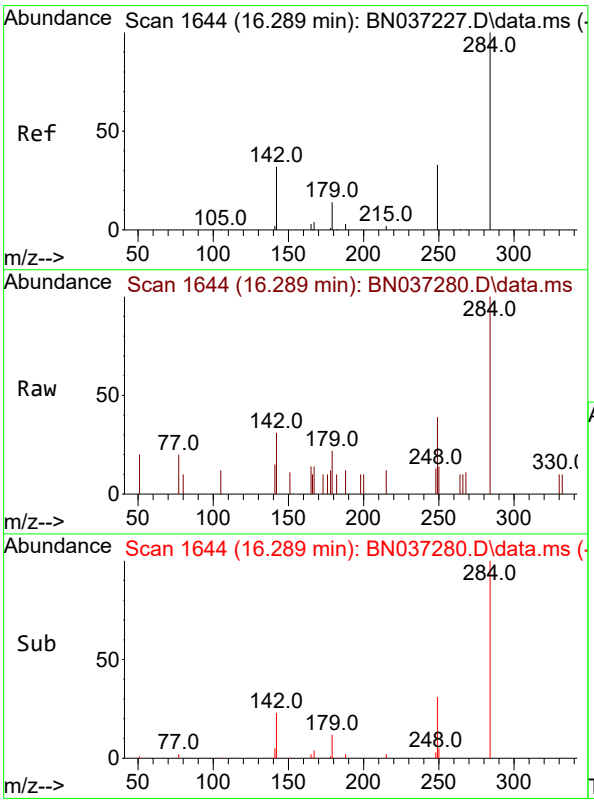
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:248 Resp: 566

Ion	Ratio	Lower	Upper
248	100		
250	102.5	76.8	115.2
141	79.0	75.6	113.4

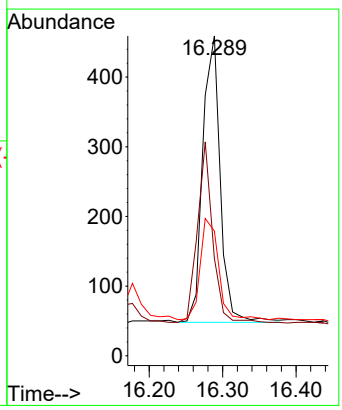


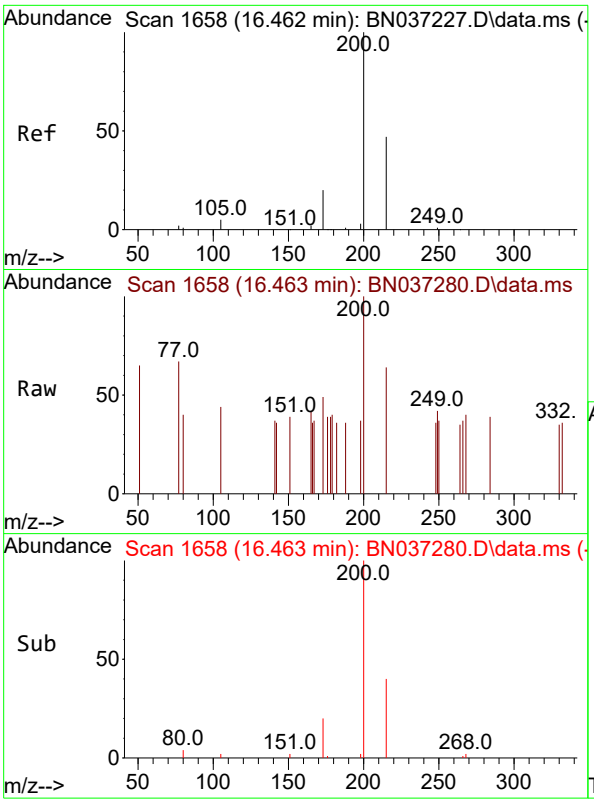


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.289 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:284 Resp: 682

Ion	Ratio	Lower	Upper
284	100		
142	55.4	43.8	65.6
249	37.1	28.4	42.6



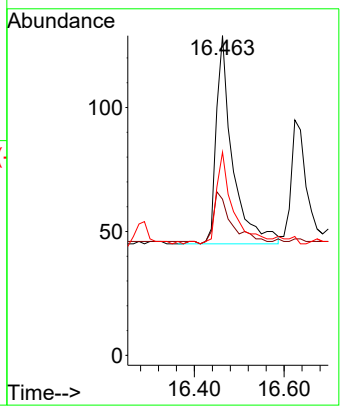


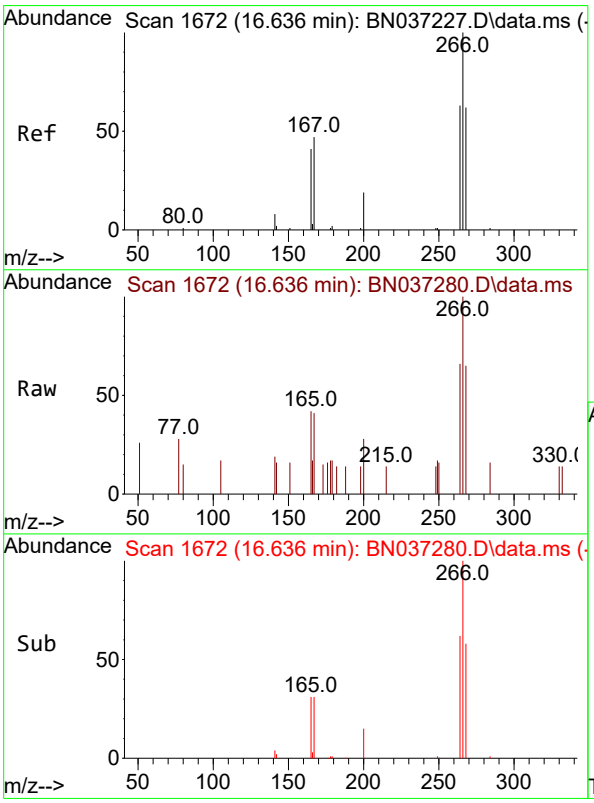
#23
Atrazine
Concen: 0.162 ng
RT: 16.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:200 Resp: 212

Ion	Ratio	Lower	Upper
200	100		
173	48.8	25.1	37.7#
215	63.6	43.7	65.5

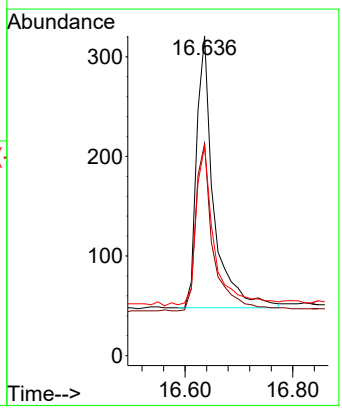


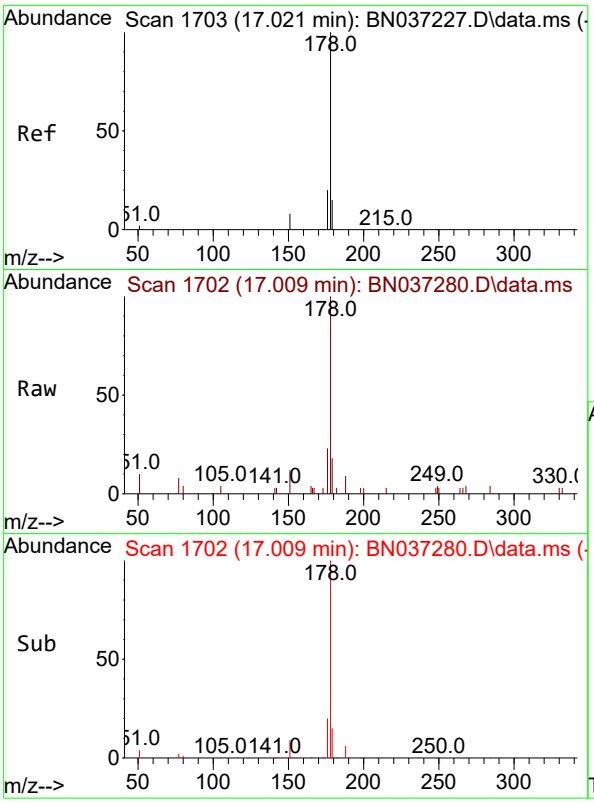


#24
Pentachlorophenol
Concen: 0.720 ng
RT: 16.636 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:266 Resp: 600

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



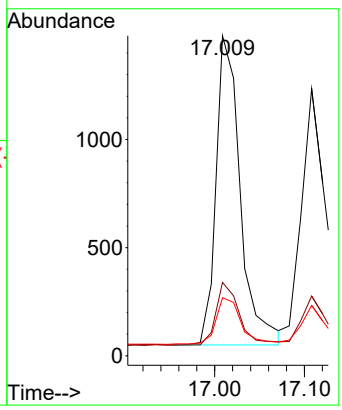


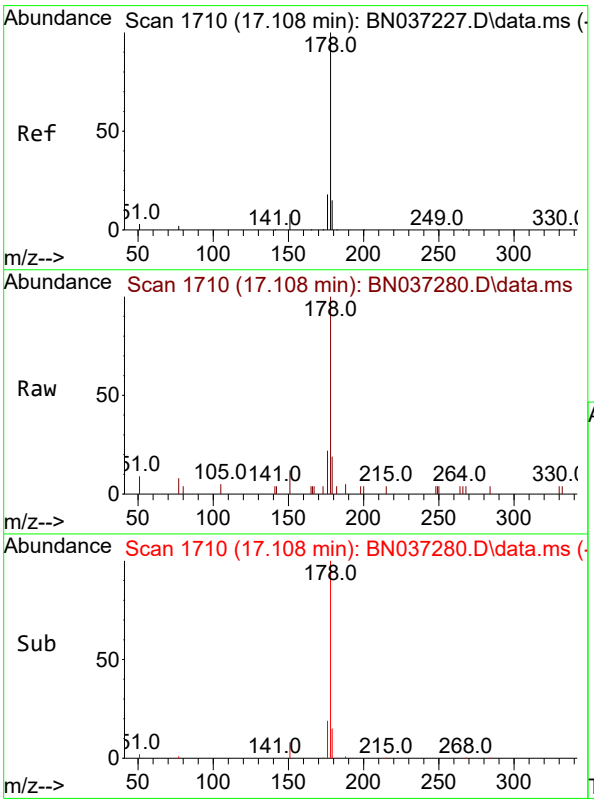
#25
Phenanthrene
Concen: 0.377 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:178 Resp: 2688

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.7	12.6	18.8

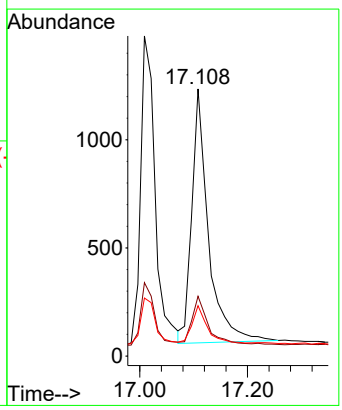


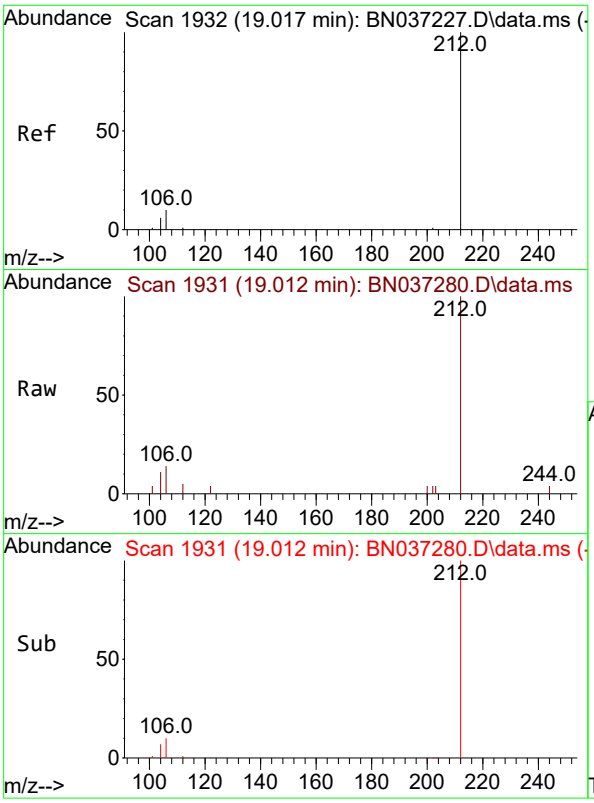


#26
Anthracene
Concen: 0.385 ng
RT: 17.108 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:178 Resp: 2516

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	13.6	12.4	18.6



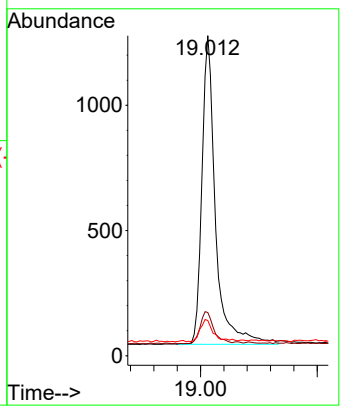


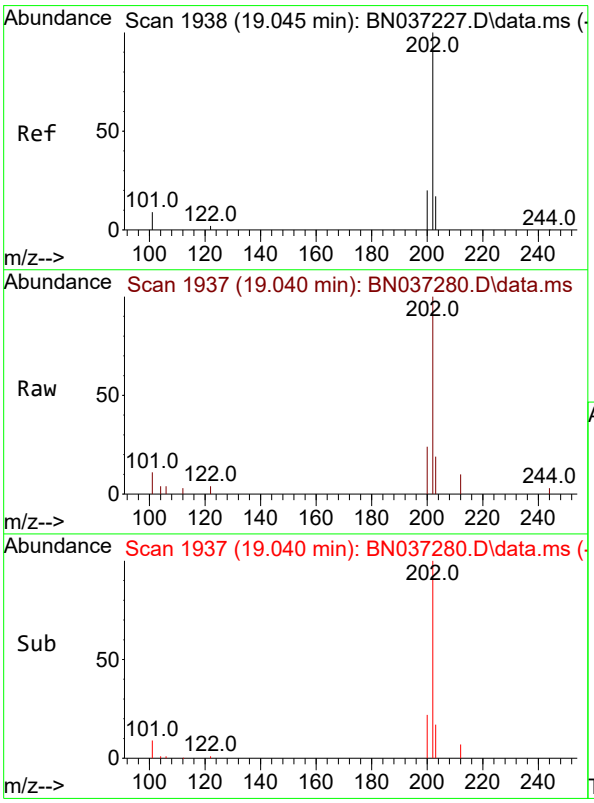
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.012 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:212 Resp: 1999

Ion	Ratio	Lower	Upper
212	100		
106	10.5	9.3	13.9
104	7.1	5.7	8.5

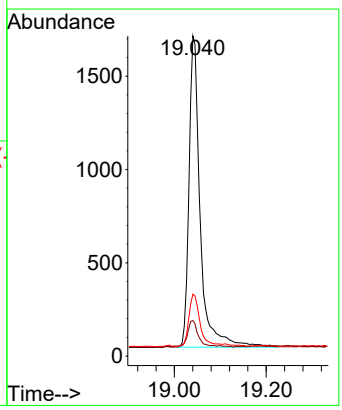


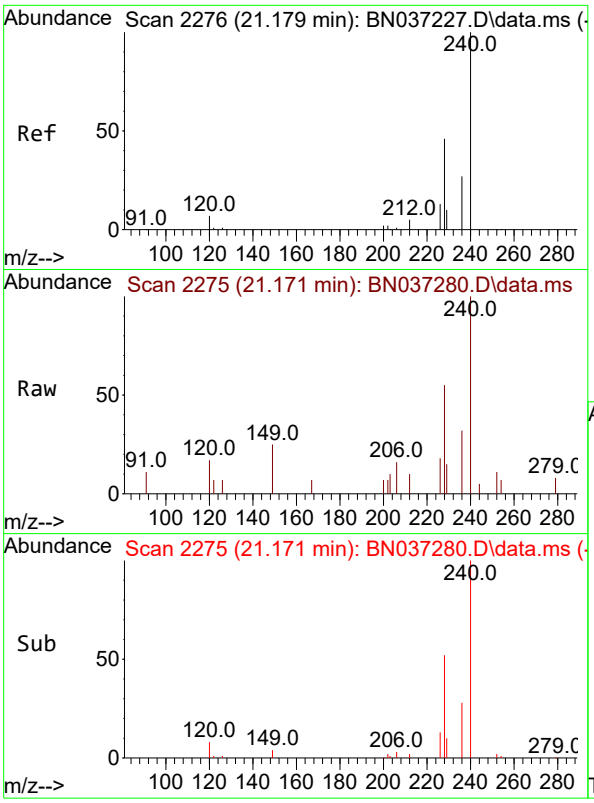


#28
Fluoranthene
Concen: 0.339 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:202 Resp: 2829

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.1	10.7
203	16.5	13.0	19.6



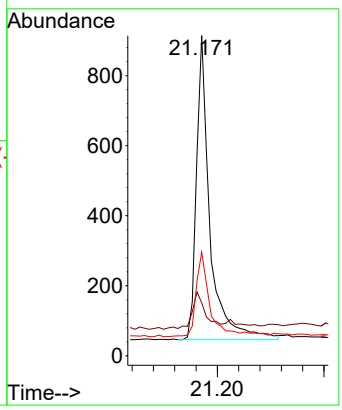


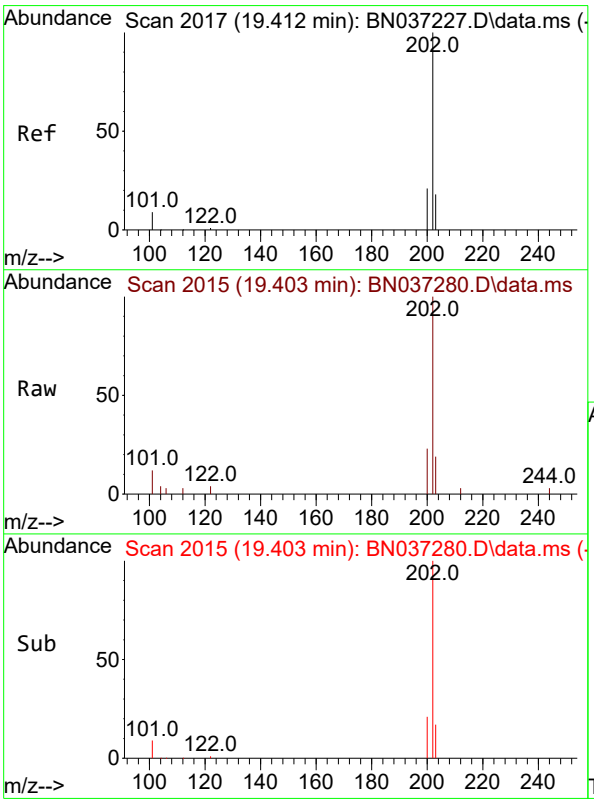
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:240 Resp: 1528

Ion	Ratio	Lower	Upper
240	100		
120	16.5	11.3	16.9
236	32.4	24.4	36.6

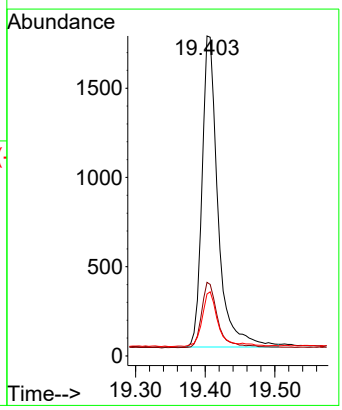


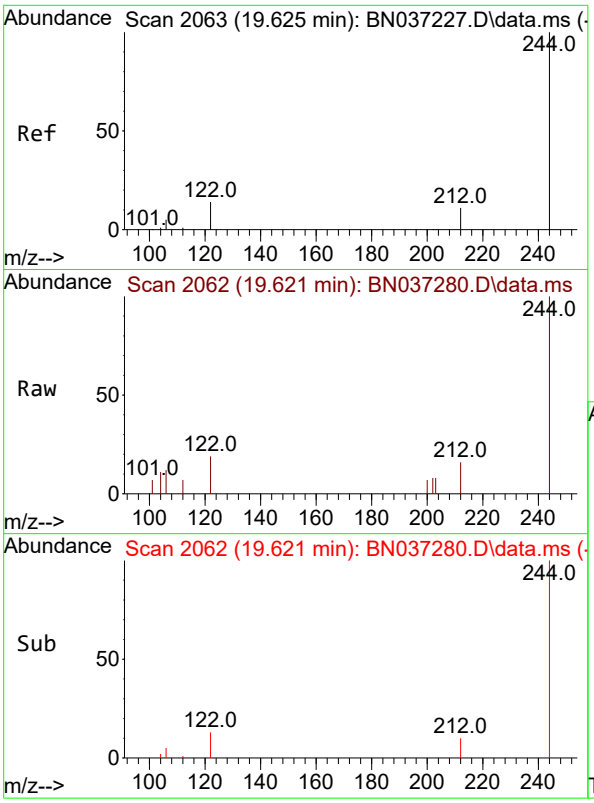


#30
Pyrene
Concen: 0.386 ng
RT: 19.403 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:202 Resp: 2773

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	16.9	14.3	21.5



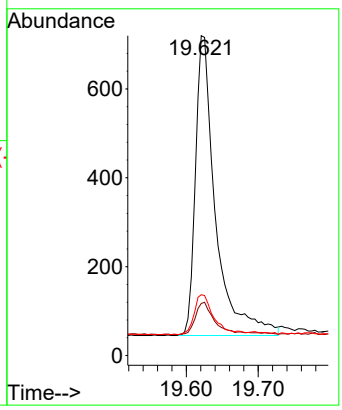


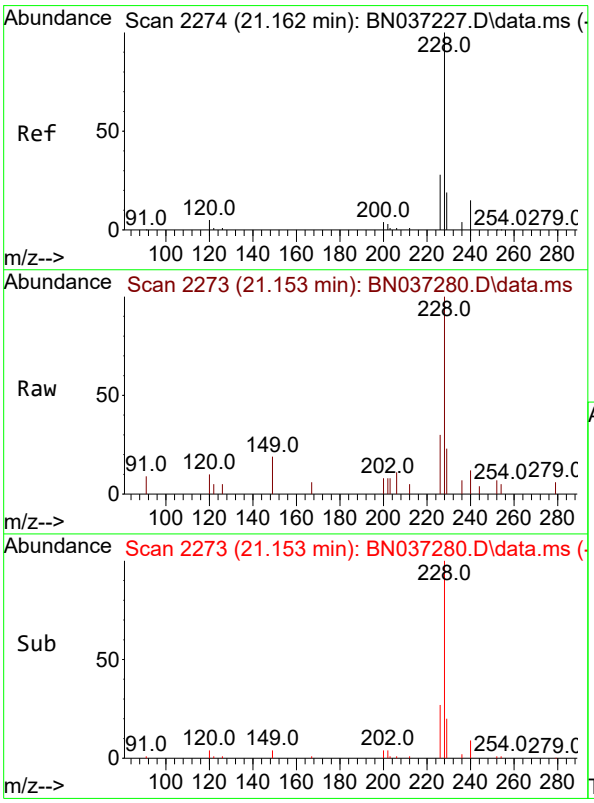
#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.621 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:244 Resp: 1313

Ion	Ratio	Lower	Upper
244	100		
212	16.2	12.2	18.2
122	19.0	14.3	21.5

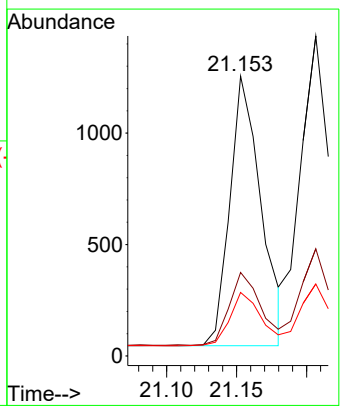


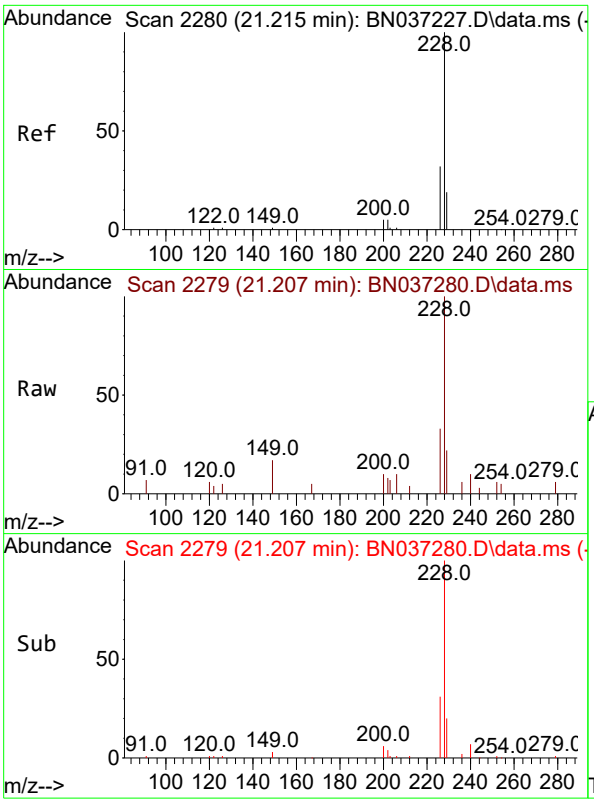


#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.153 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:228 Resp: 1878

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	22.7	17.0	25.4



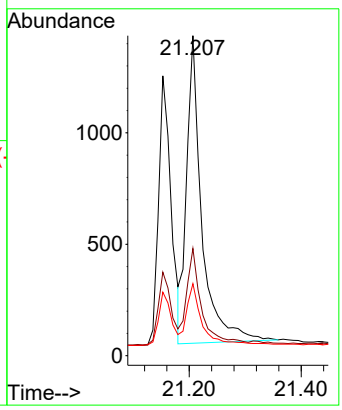


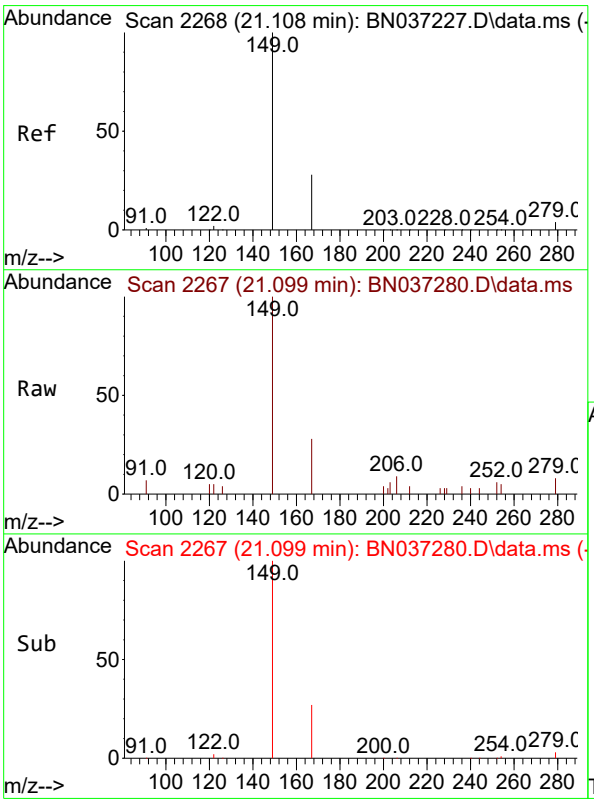
#33
Chrysene
Concen: 0.404 ng
RT: 21.207 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:228 Resp: 2594

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.8	38.6
229	22.5	17.0	25.4

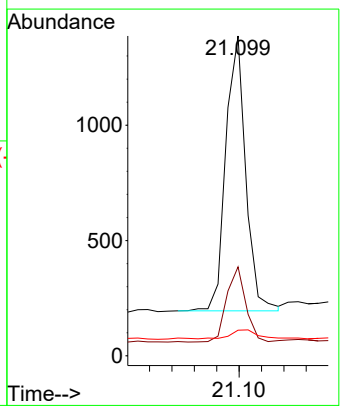


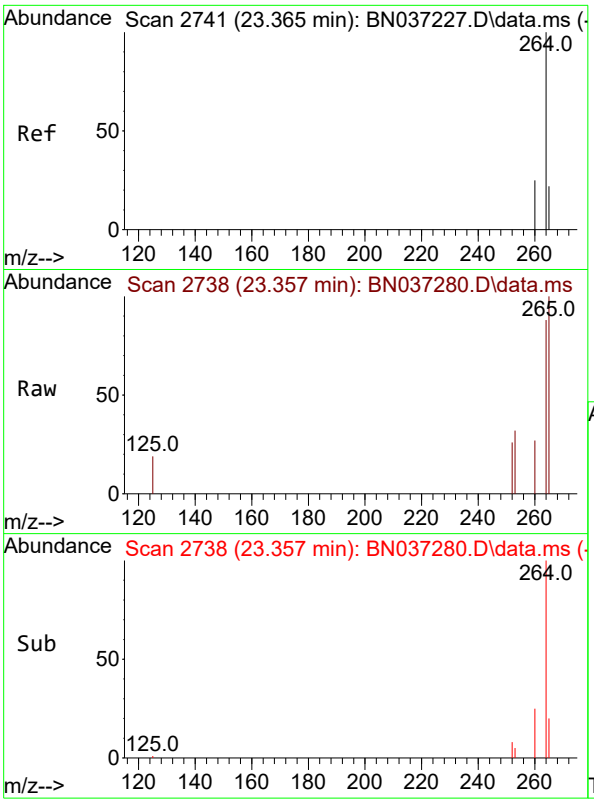


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:149 Resp: 1471

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.5	3.3	4.9



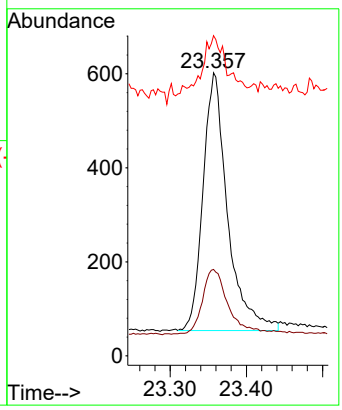


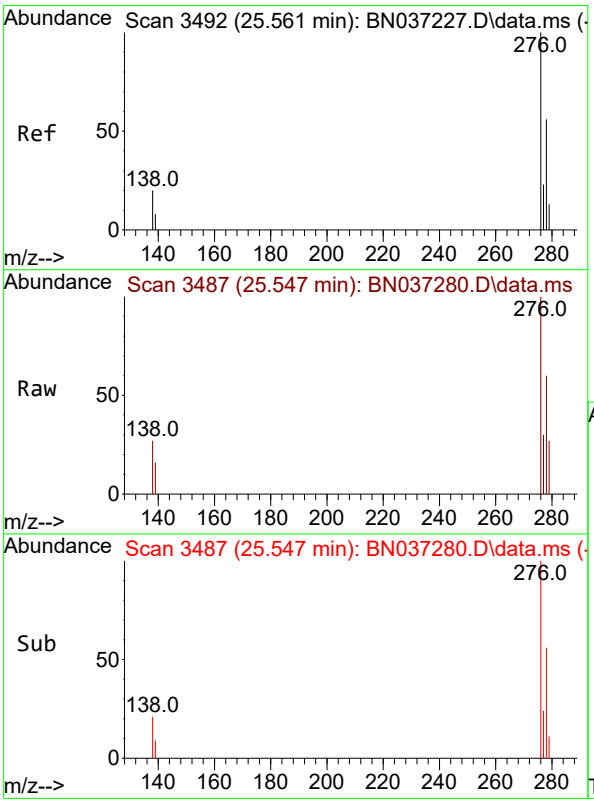
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:264 Resp: 1224

Ion	Ratio	Lower	Upper
264	100		
260	30.6	22.8	34.2
265	113.1	66.4	99.6#

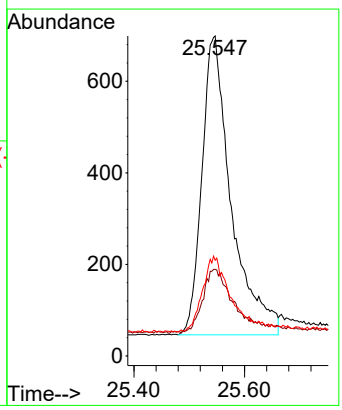


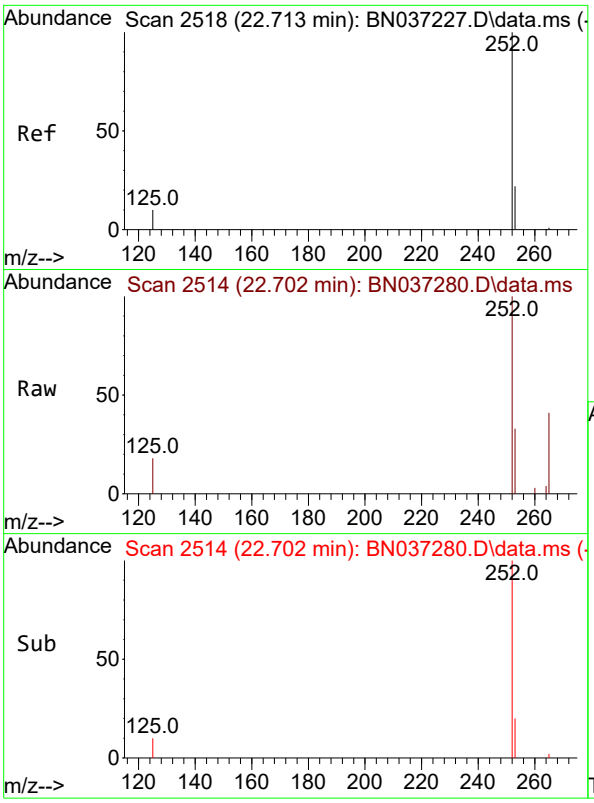


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng
RT: 25.547 min Scan# 3487
Delta R.T. -0.014 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:276 Resp: 2405

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.8	25.2
277	23.1	19.5	29.3



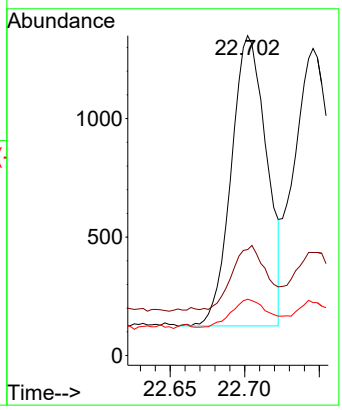


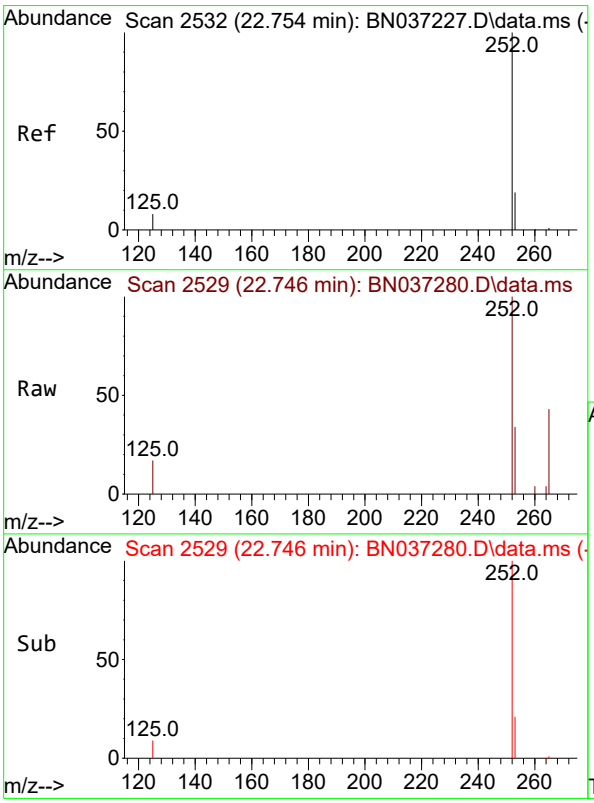
#37
Benzo(b)fluoranthene
Concen: 0.451 ng
RT: 22.702 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:252 Resp: 2018

Ion	Ratio	Lower	Upper
252	100		
253	33.1	24.9	37.3
125	17.6	12.9	19.3

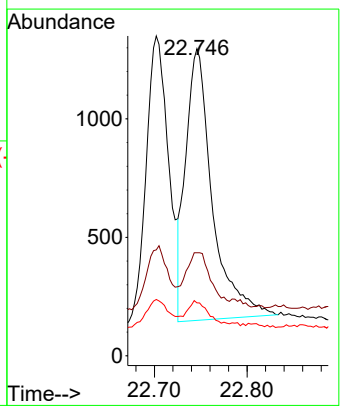


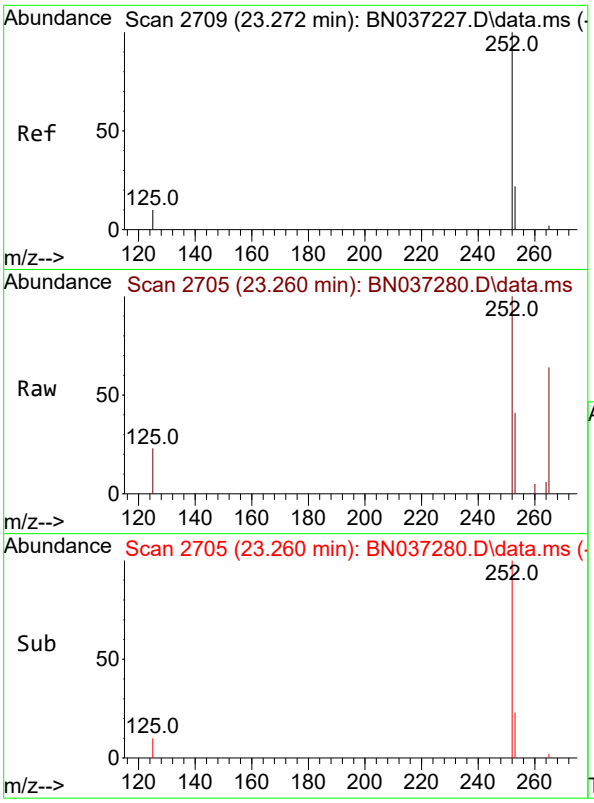


#38
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.746 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:252 Resp: 2286

Ion	Ratio	Lower	Upper
252	100		
253	33.6	24.6	37.0
125	17.3	13.4	20.2



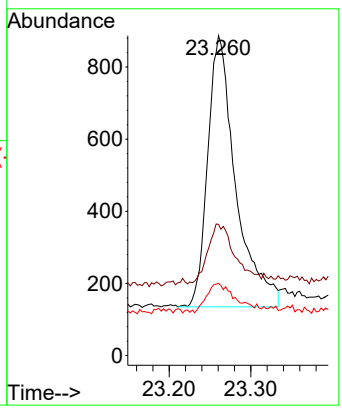


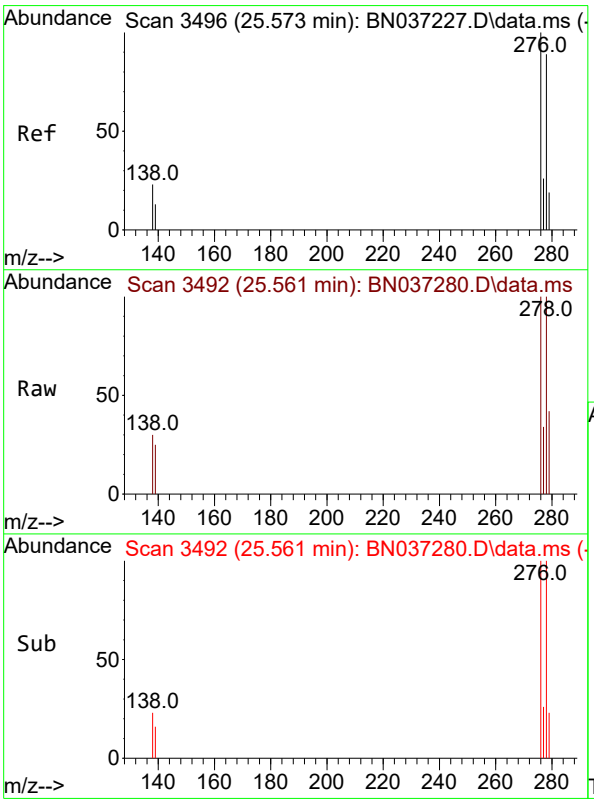
#39
Benzo(a)pyrene
Concen: 0.445 ng
RT: 23.260 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:252 Resp: 1793

Ion	Ratio	Lower	Upper
252	100		
253	41.0	29.4	44.2
125	22.5	16.2	24.2

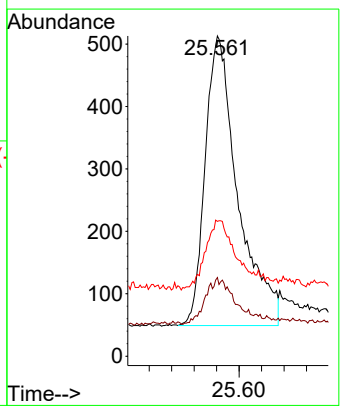


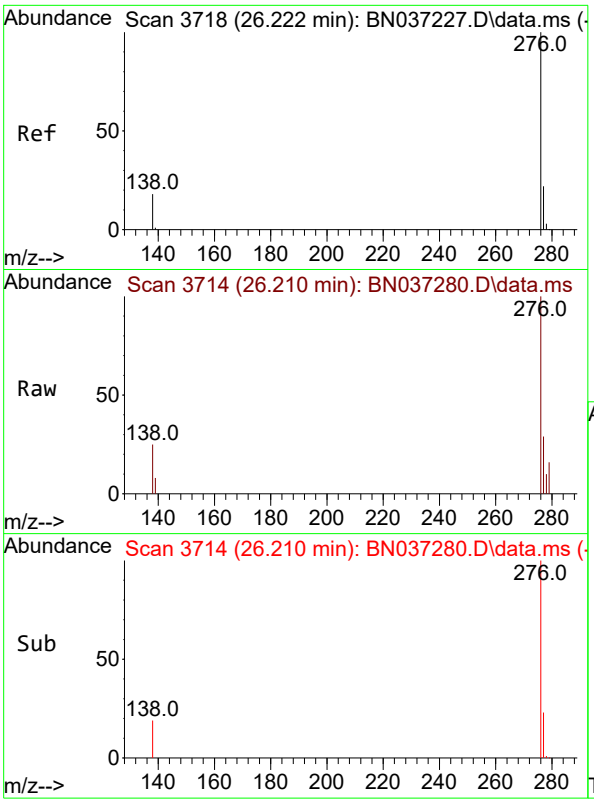


#40
Dibenzo(a,h)anthracene
Concen: 0.500 ng
RT: 25.561 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Tgt Ion:278 Resp: 1876

Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.8	26.6
279	42.1	31.3	46.9





#41
Benzo(g,h,i)perylene
Concen: 0.467 ng
RT: 26.210 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037280.D
Acq: 15 Jun 2025 02:42

Instrument :
BNA_N
ClientSampleId :
PB168476BS

Tgt Ion:276 Resp: 2136

Ion	Ratio	Lower	Upper
276	100		
277	29.3	22.0	33.0
138	24.9	18.4	27.6