Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037633.D
Acq On : 20 Aug 2025 16:57
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 21 04:56:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2754	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6418	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	3102	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	6405	0.400	ng	#	0.00
29) Chrysene-d12	21.268	240	5848	0.400	ng	#	0.00
35) Perylene-d12	23.502	264	4933	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2300	0.368	ng		0.00
5) Phenol-d6	6.872	99	2760	0.367	ng		0.00
8) Nitrobenzene-d5	8.854	82	1759	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	3210	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	558	0.411	ng		0.00
15) 2-Fluorobiphenyl	12.968	172	7213	0.402	ng		-0.01
27) Fluoranthene-d10	19.113	212	6134	0.364	ng		0.00
31) Terphenyl-d14	19.717	244	4414	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1037	0.394	ng		94
3) n-Nitrosodimethylamine	3.543	42	1327	0.394	ng		99
6) bis(2-Chloroethyl)ether	7.132	93	2700	0.399	ng		96
9) Naphthalene	10.541	128	6826	0.399	ng		100
10) Hexachlorobutadiene	10.840	225	1701	0.407	ng	#	99
12) 2-Methylnaphthalene	12.156	142	4074	0.380	ng		100
16) Acenaphthylene	14.056	152	5508	0.396	ng		100
17) Acenaphthene	14.398	154	3711	0.392	ng		100
18) Fluorene	15.392	166	4875	0.394	ng		98
20) 4,6-Dinitro-2-methylph...	15.467	198	234	0.382	ng	#	85
21) 4-Bromophenyl-phenylether	16.280	248	1537	0.382	ng	#	89
22) Hexachlorobenzene	16.391	284	2350	0.412	ng		97
23) Atrazine	16.553	200	954	0.419	ng		92
24) Pentachlorophenol	16.739	266	2004	1.000	ng		97
25) Phenanthrene	17.124	178	7486	0.384	ng		99
26) Anthracene	17.210	178	6431	0.373	ng		100
28) Fluoranthene	19.146	202	8465	0.378	ng		99
30) Pyrene	19.508	202	8139	0.372	ng		100
32) Benzo(a)anthracene	21.250	228	7419	0.380	ng		99
33) Chrysene	21.304	228	8400	0.386	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3443	0.427	ng		99
36) Indeno(1,2,3-cd)pyrene	25.759	276	7685	0.370	ng		99
37) Benzo(b)fluoranthene	22.829	252	7623	0.408	ng		100
38) Benzo(k)fluoranthene	22.876	252	7812	0.370	ng		98
39) Benzo(a)pyrene	23.405	252	5881	0.379	ng		99
40) Dibenzo(a,h)anthracene	25.776	278	5887	0.365	ng		99
41) Benzo(g,h,i)perylene	26.443	276	6965	0.410	ng		100

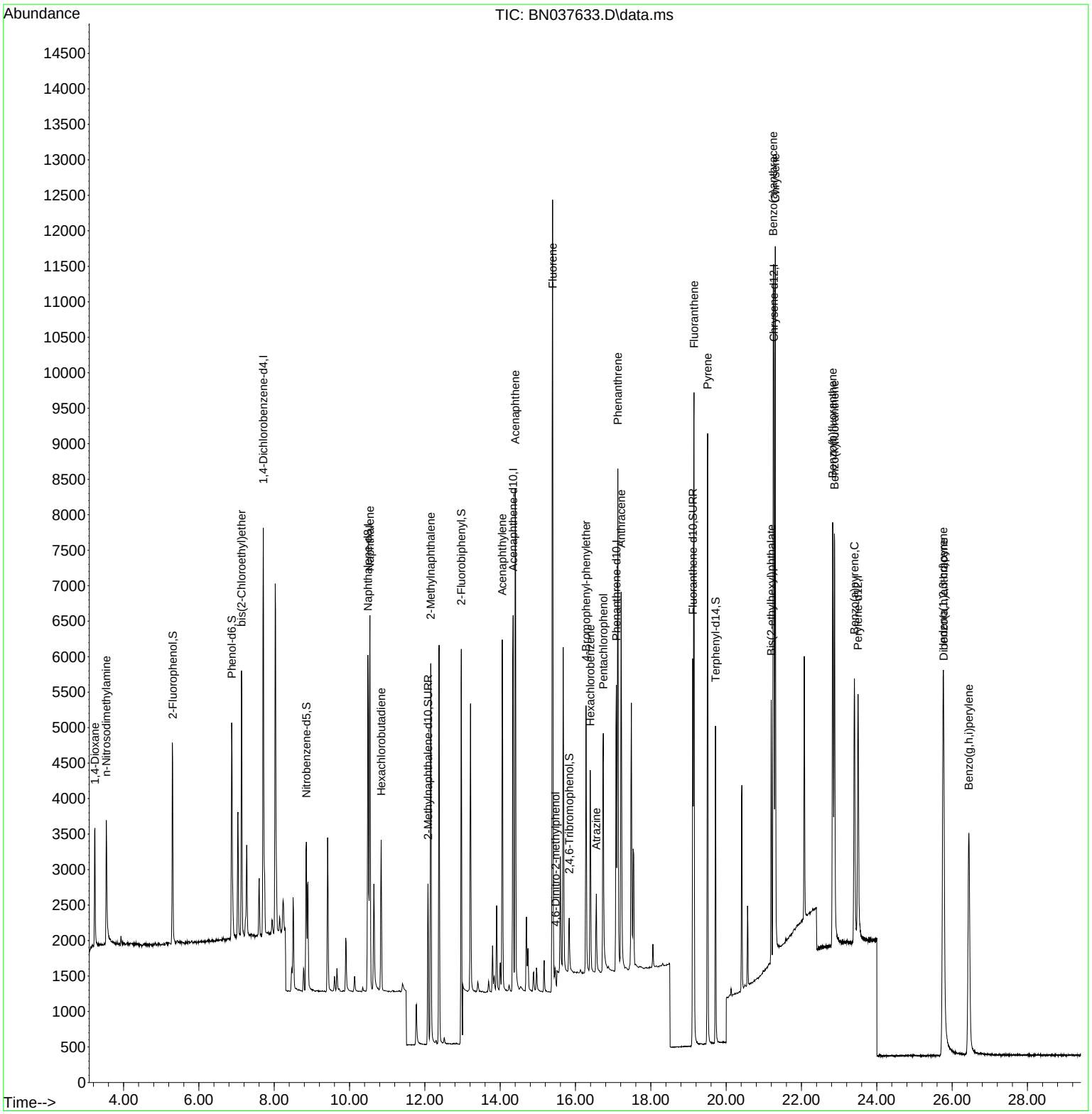
(#) = qualifier out of range (m) = manual integration (+) = signals summed

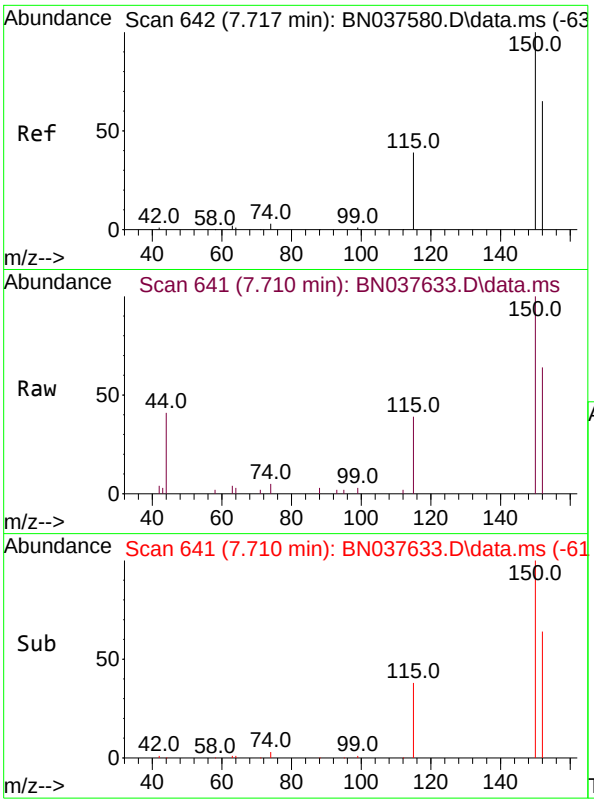
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037633.D
Acq On : 20 Aug 2025 16:57
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 21 04:56:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



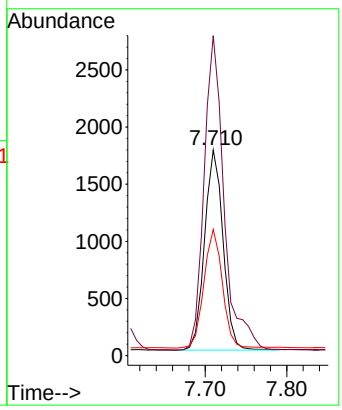


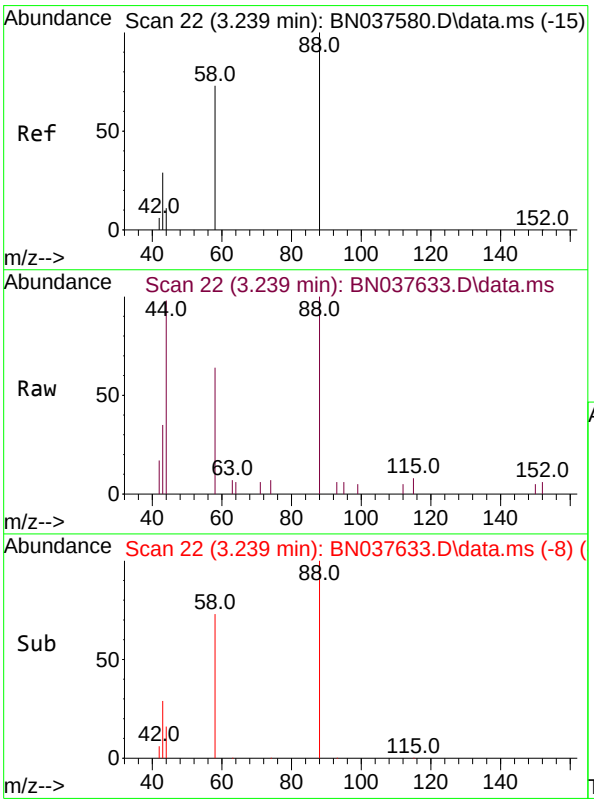
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2754

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.2	183.4
115	61.3	49.8	74.6

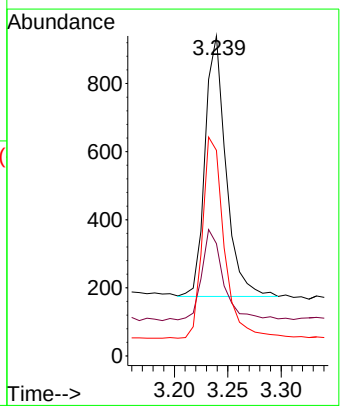


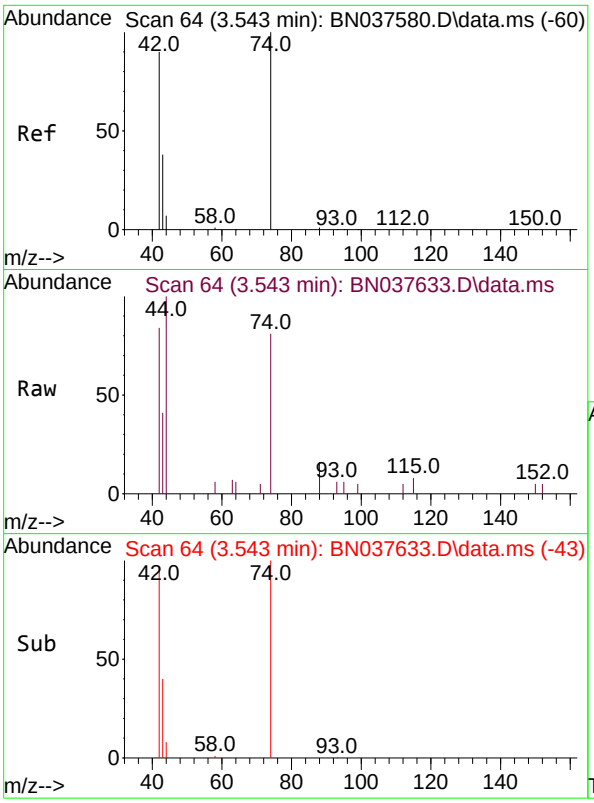


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion: 88 Resp: 1037

Ion	Ratio	Lower	Upper
88	100		
43	36.9	25.8	38.6
58	80.8	61.2	91.8



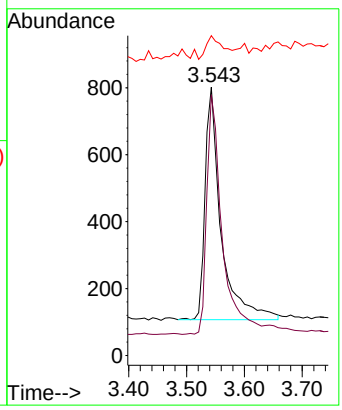


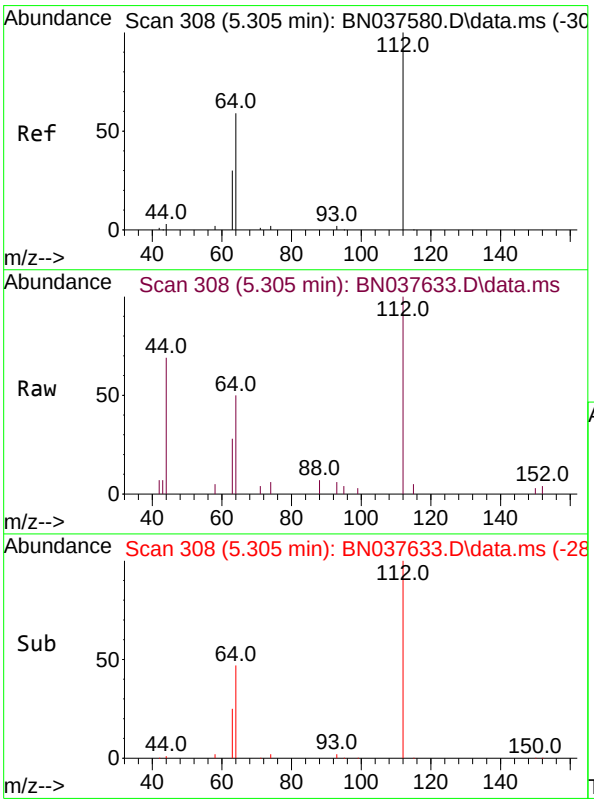
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.543 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1327

Ion	Ratio	Lower	Upper
42	100		
74	103.2	82.0	123.0
44	10.6	7.9	11.9

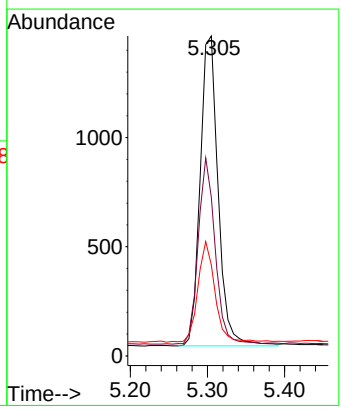


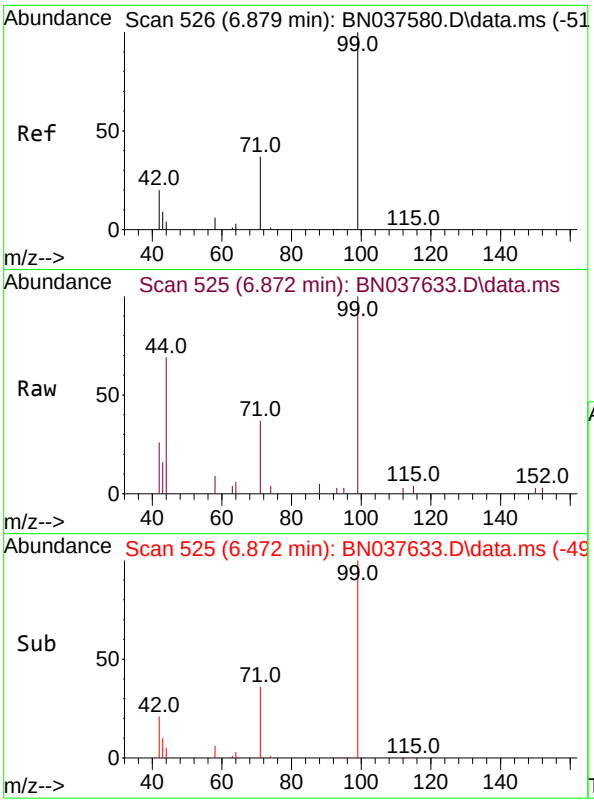


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:112 Resp: 2300

Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.9	67.3
63	30.1	23.4	35.2



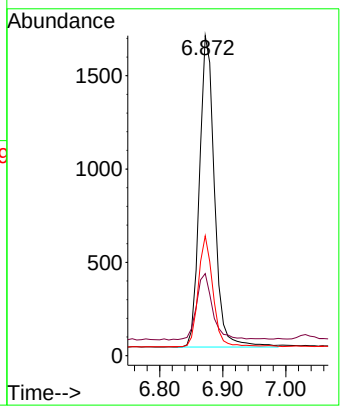


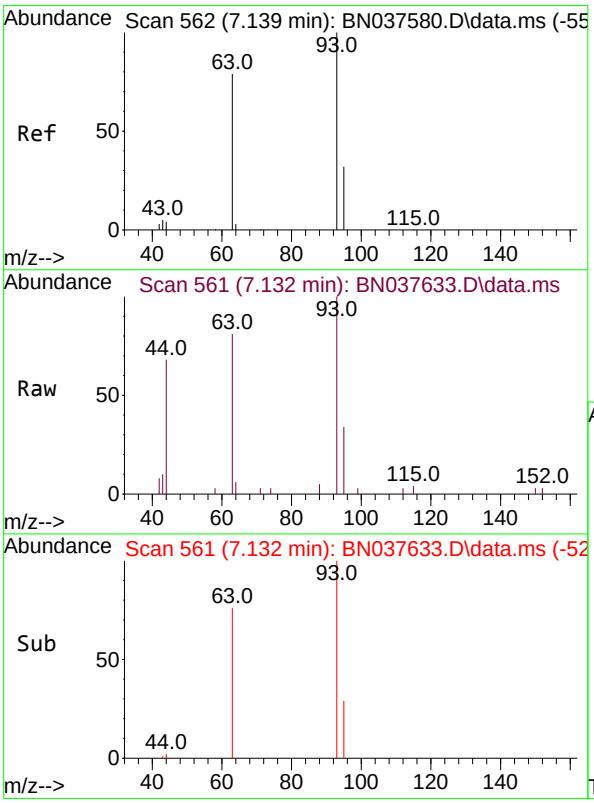
#5
Phenol-d6
Concen: 0.367 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2760

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.5	27.7
71	34.5	28.6	42.8

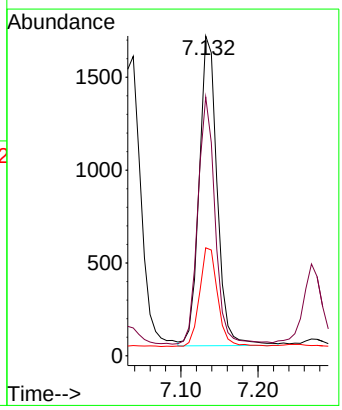


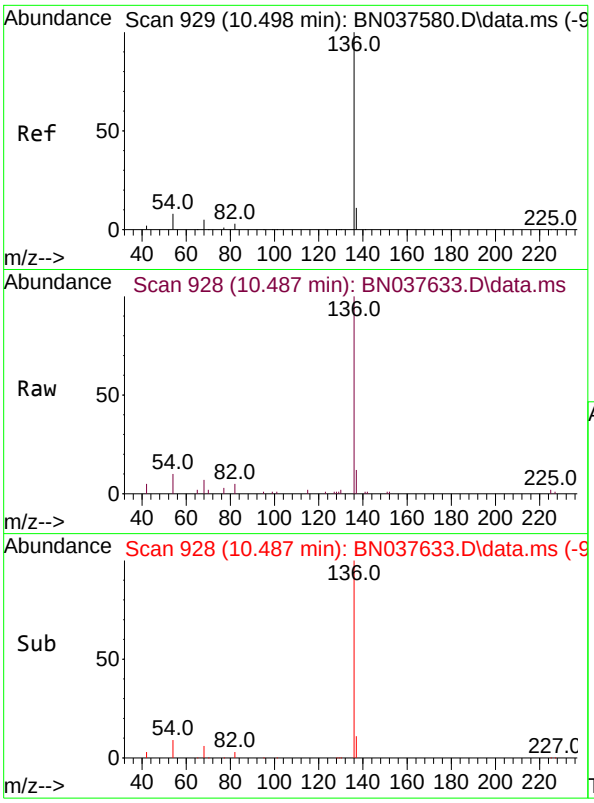


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion: 93 Resp: 2700

Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.0	87.0
95	32.4	24.9	37.3



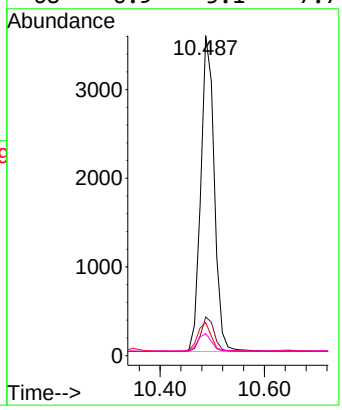


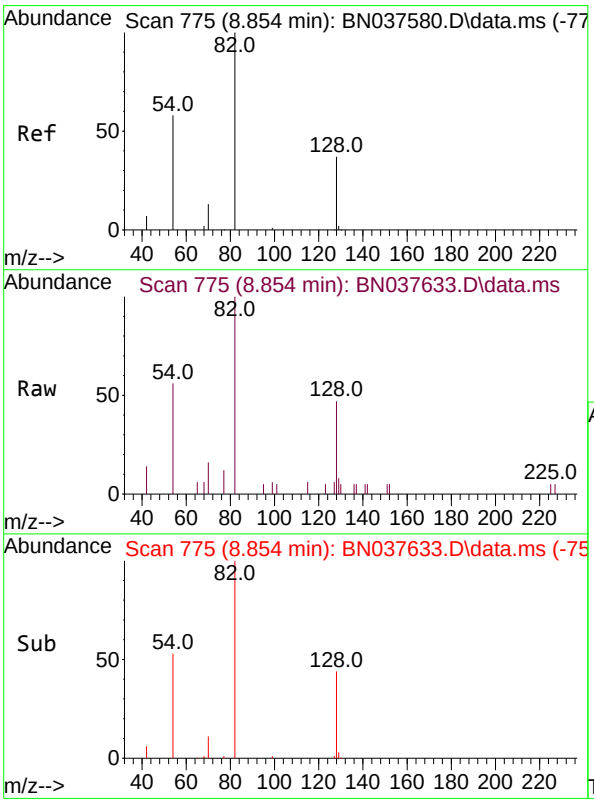
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6418

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	10.3	7.3	10.9
68	6.9	5.1	7.7

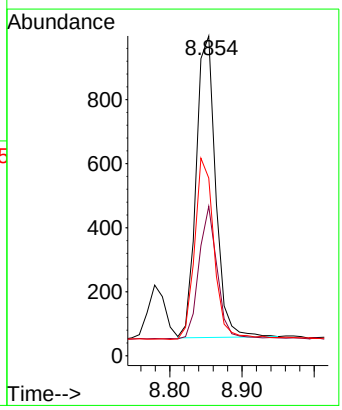


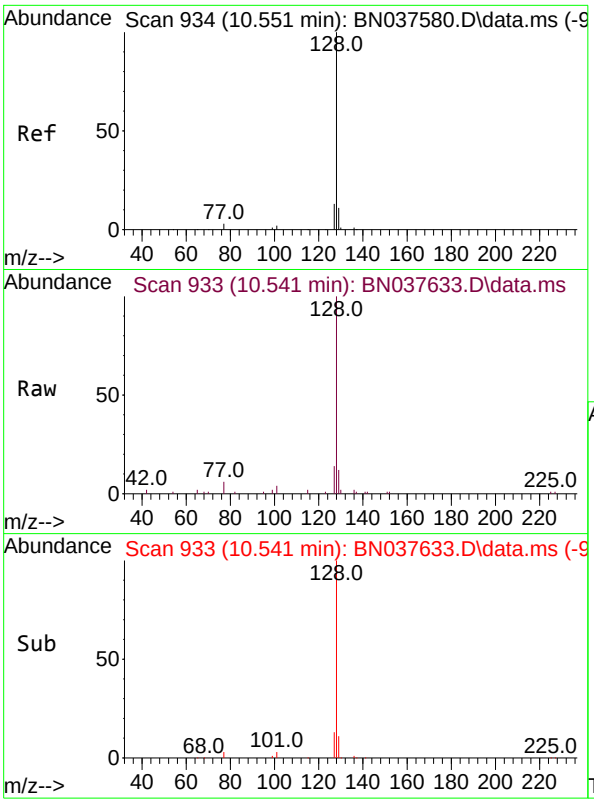


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion: 82 Resp: 1759

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.6	48.8
54	55.6	48.9	73.3



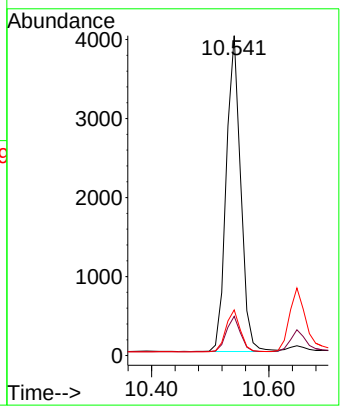


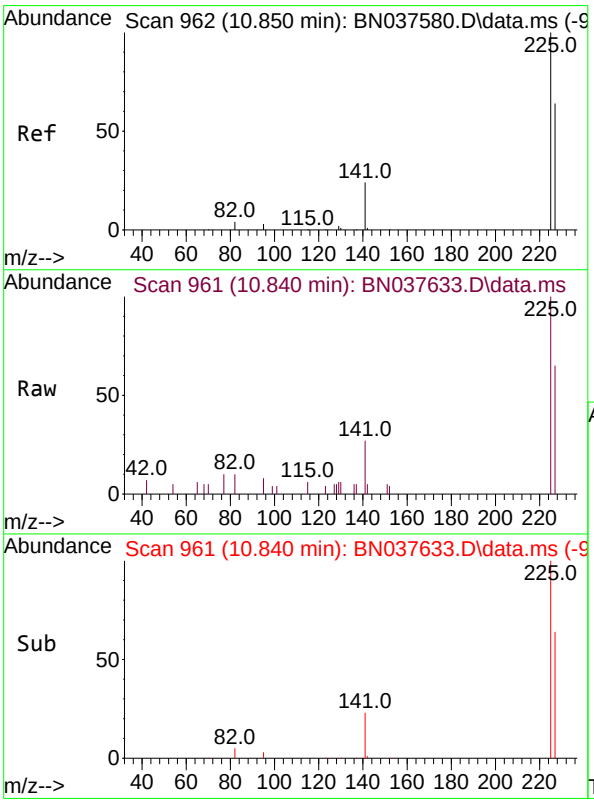
#9
Naphthalene
Concen: 0.399 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6826

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.3	11.5	17.3

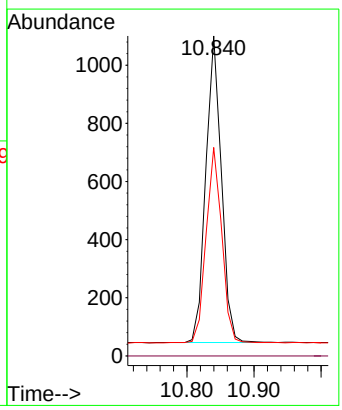


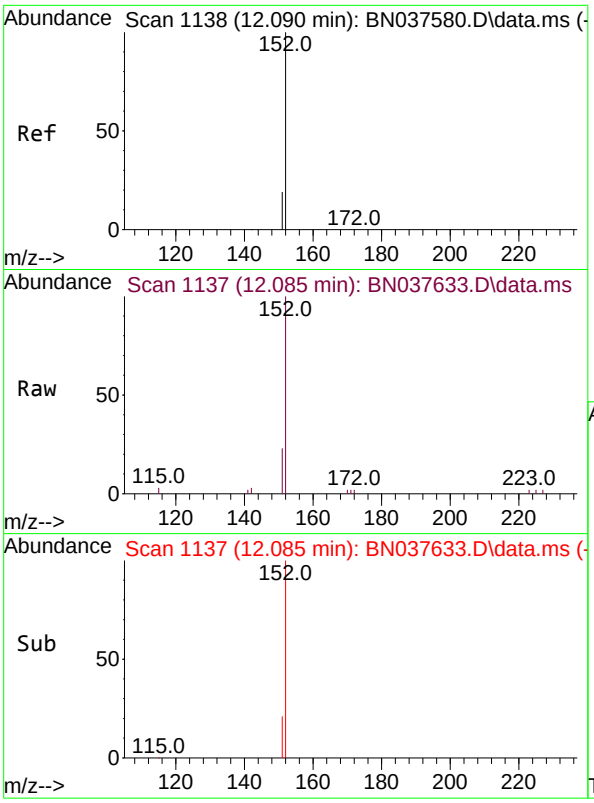


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:225 Resp: 1701

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.8	76.2



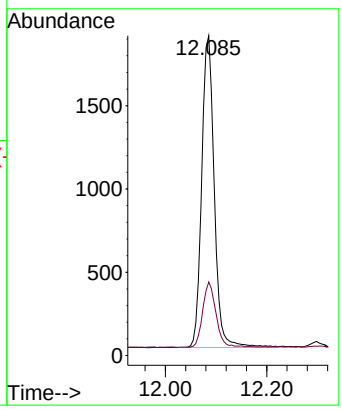


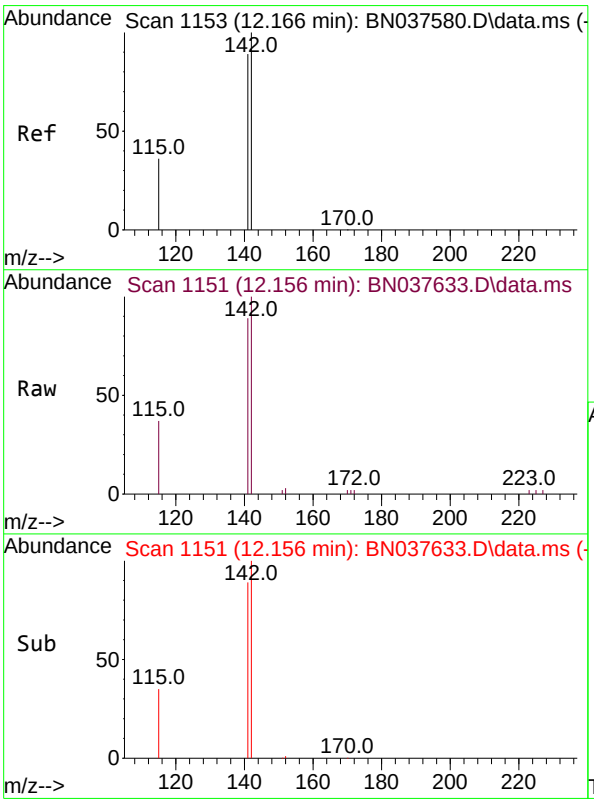
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.085 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3210

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.3	25.9

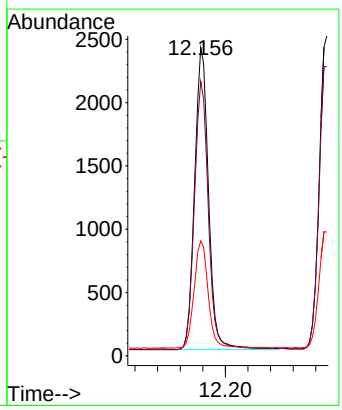


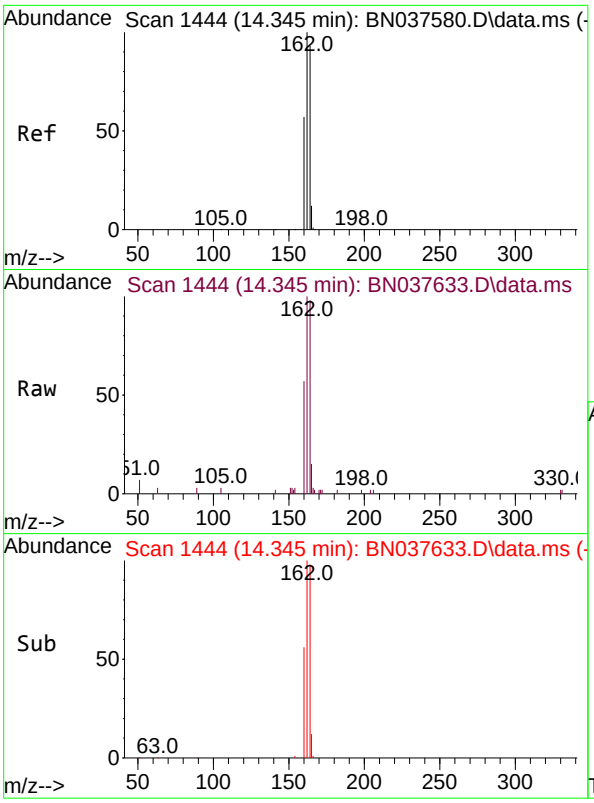


#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:142 Resp: 4074

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0
115	37.3	30.2	45.4



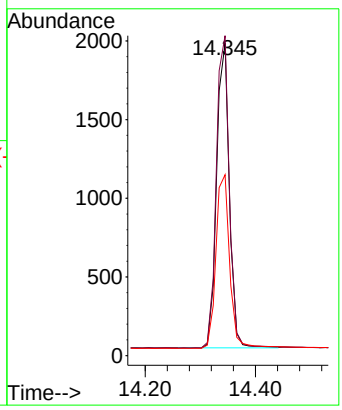


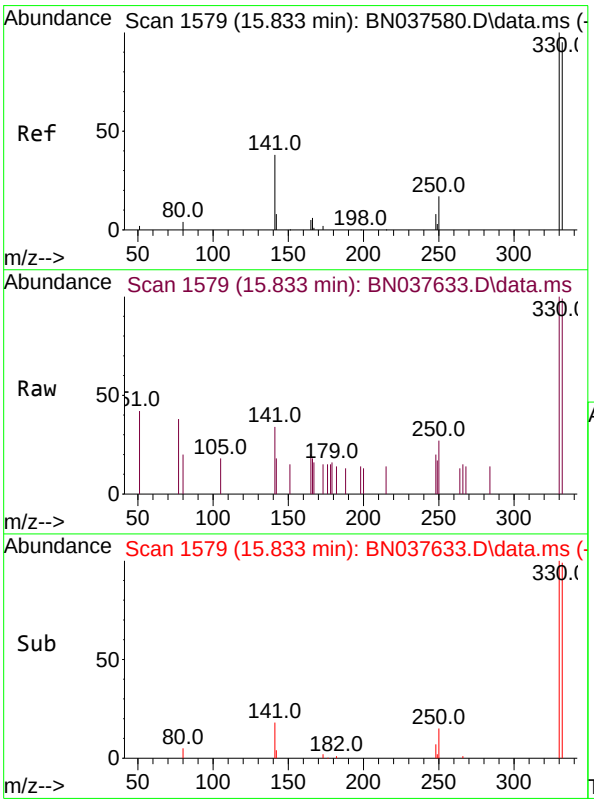
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3102

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.5	128.3
160	57.9	49.5	74.3

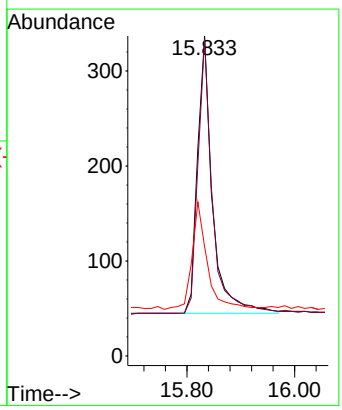


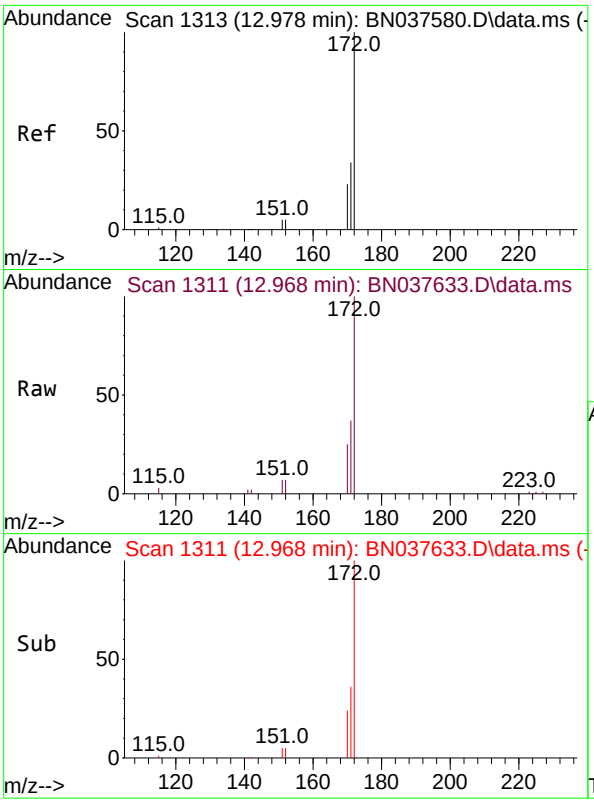


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:330 Resp: 558

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	40.0	30.9	46.3



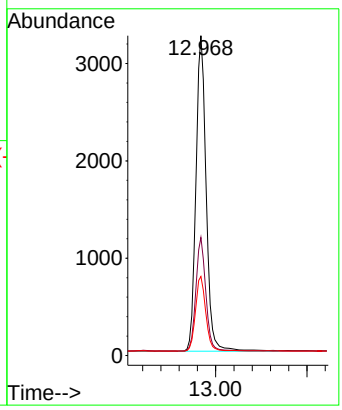


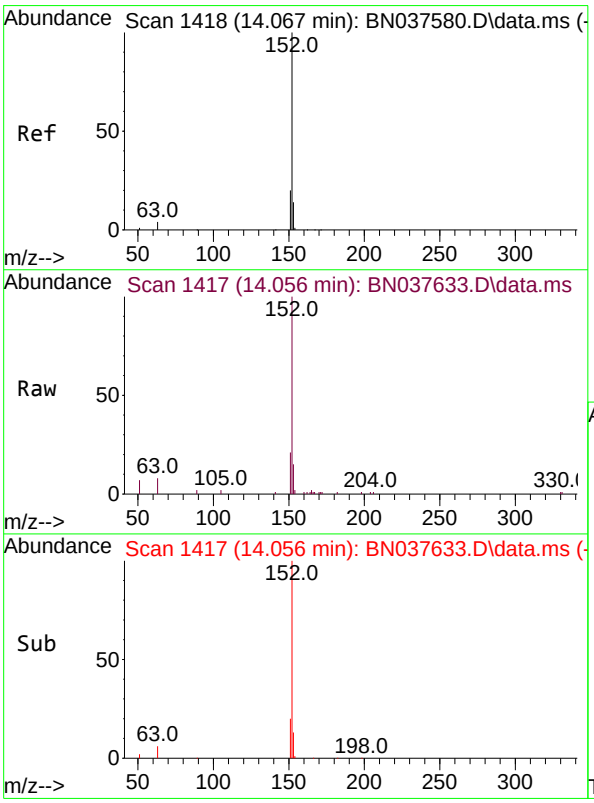
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.968 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7213

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.2	42.4
170	24.7	19.2	28.8

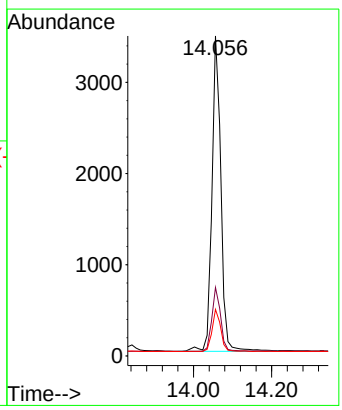


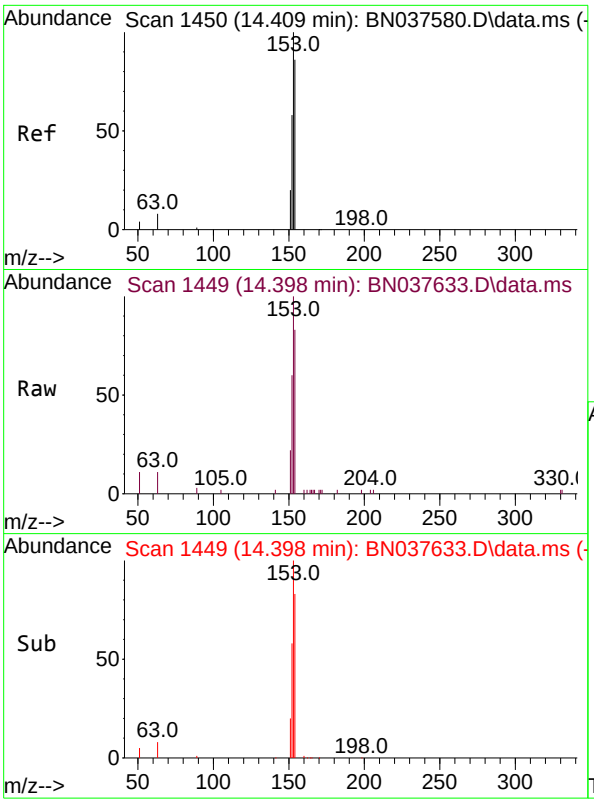


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:152 Resp: 5508

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.1	10.7	16.1



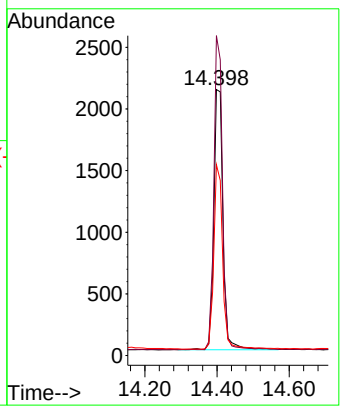


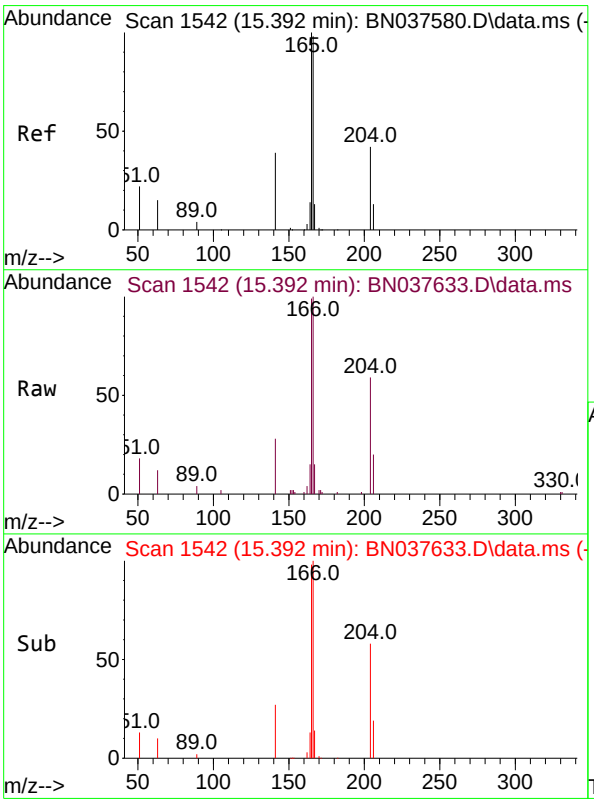
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3711

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	135.8
152	69.3	54.9	82.3

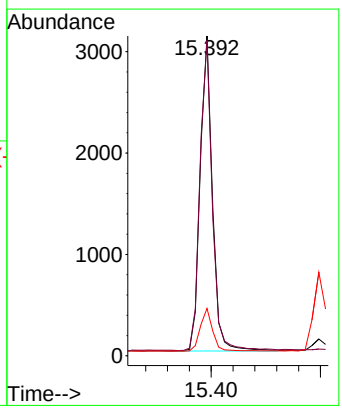


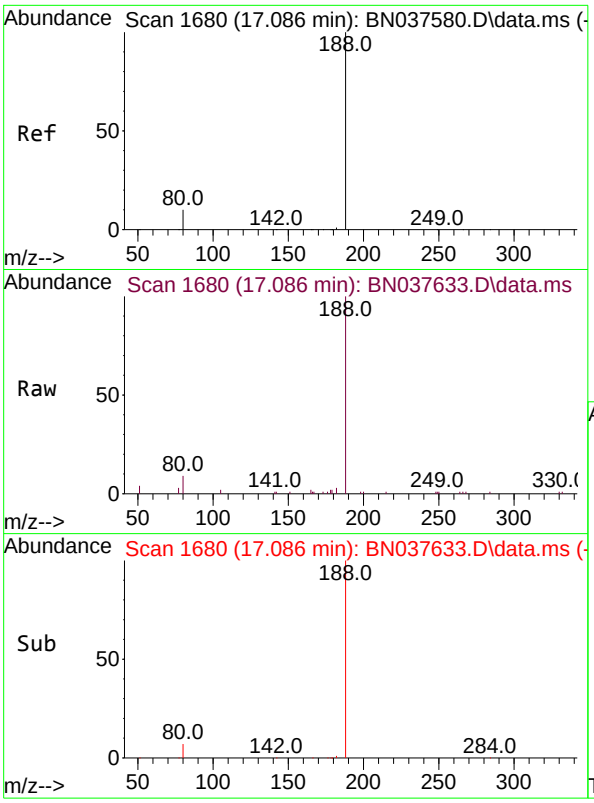


#18
Fluorene
Concen: 0.394 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:166 Resp: 4875

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.9	118.3
167	13.6	10.7	16.1



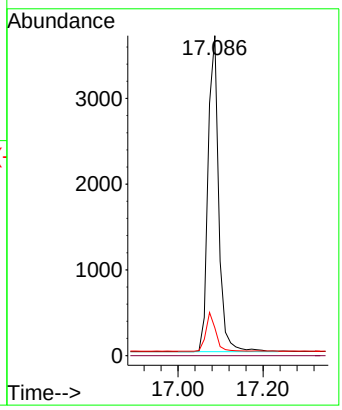


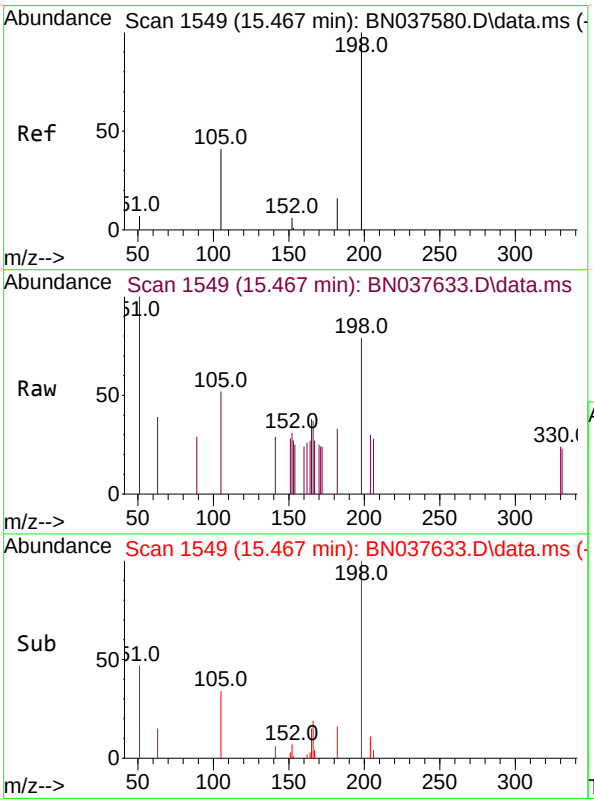
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6405

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	9.1	13.7#

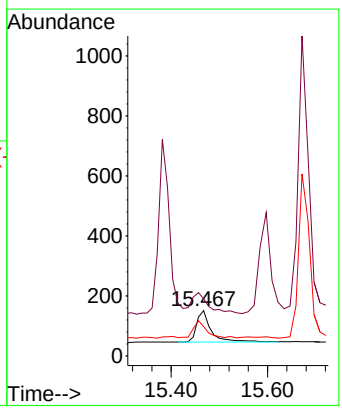


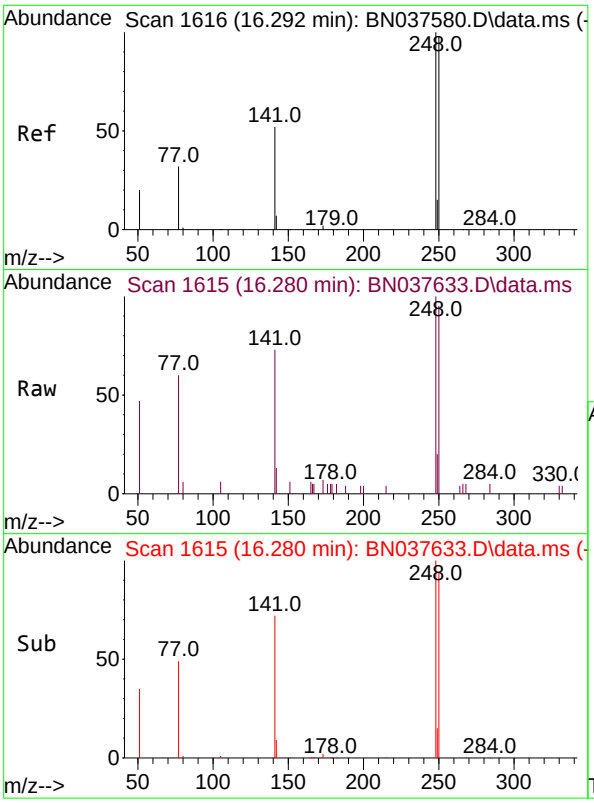


#20
4,6-Dinitro-2-methylphenol
Concen: 0.382 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:198 Resp: 234

Ion	Ratio	Lower	Upper
198	100		
51	125.8	81.0	121.6#
105	64.9	52.5	78.7



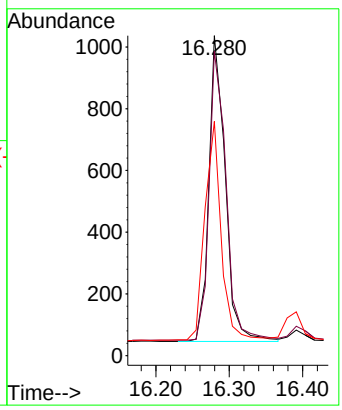


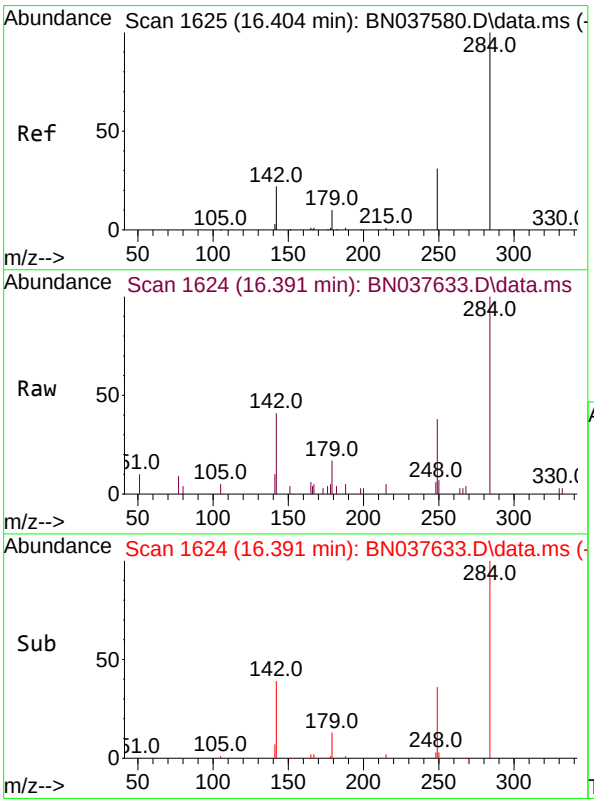
#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.280 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1537

Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.6	118.0
141	73.2	43.7	65.5#

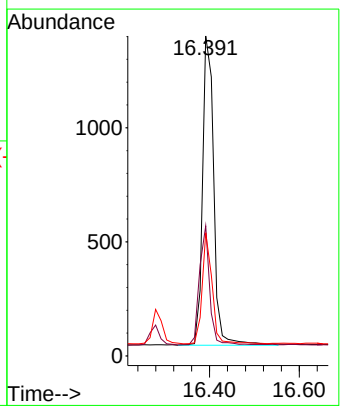


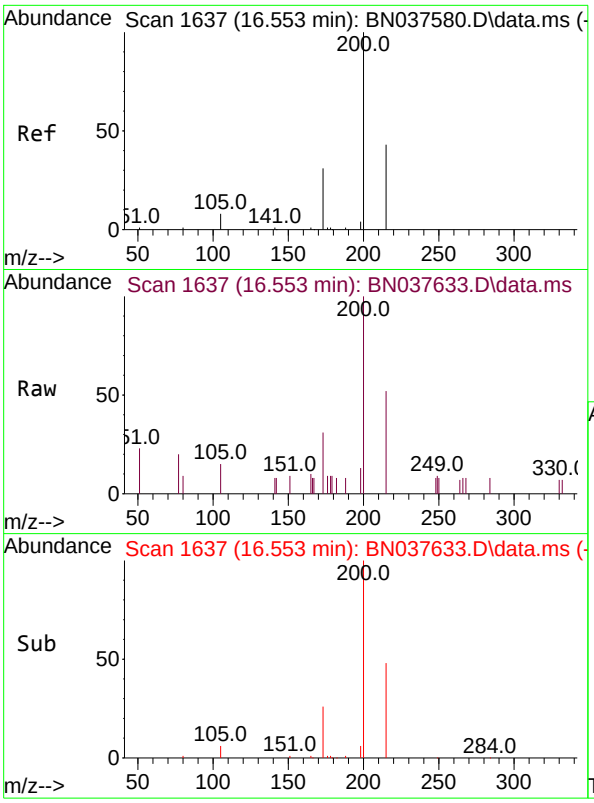


#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:284 Resp: 2350

Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.8	44.6
249	31.7	26.0	39.0



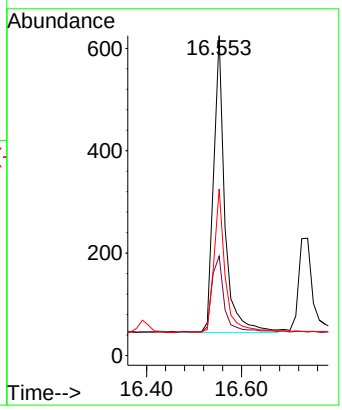


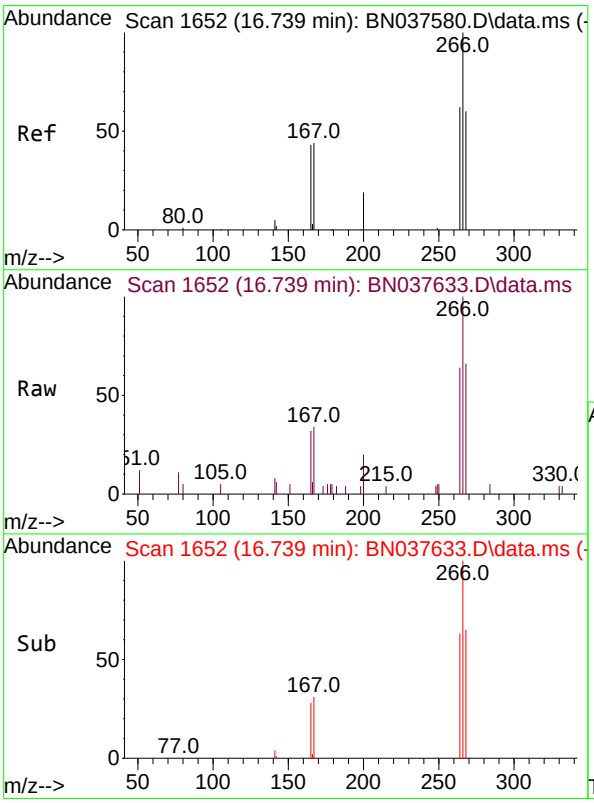
#23
Atrazine
Concen: 0.419 ng
RT: 16.553 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 954

Ion	Ratio	Lower	Upper
200	100		
173	31.0	31.0	46.4
215	52.0	39.4	59.0

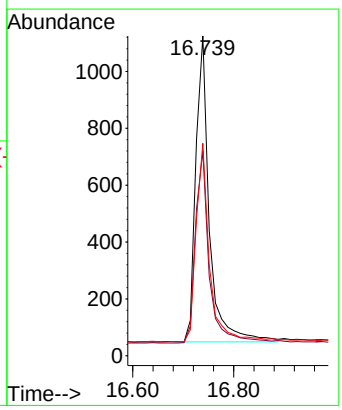


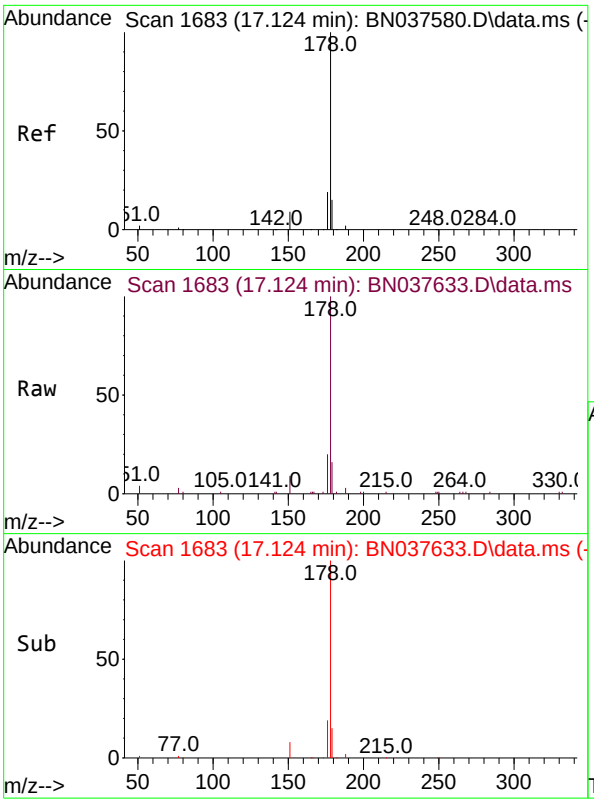


#24
Pentachlorophenol
Concen: 1.000 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:266 Resp: 2004

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.6	74.4
268	64.9	49.2	73.8



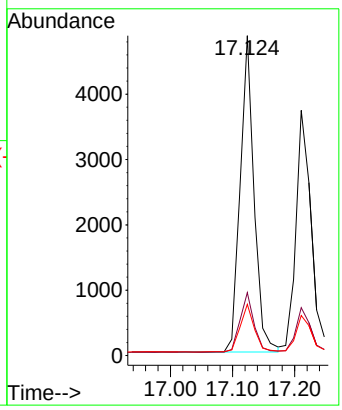


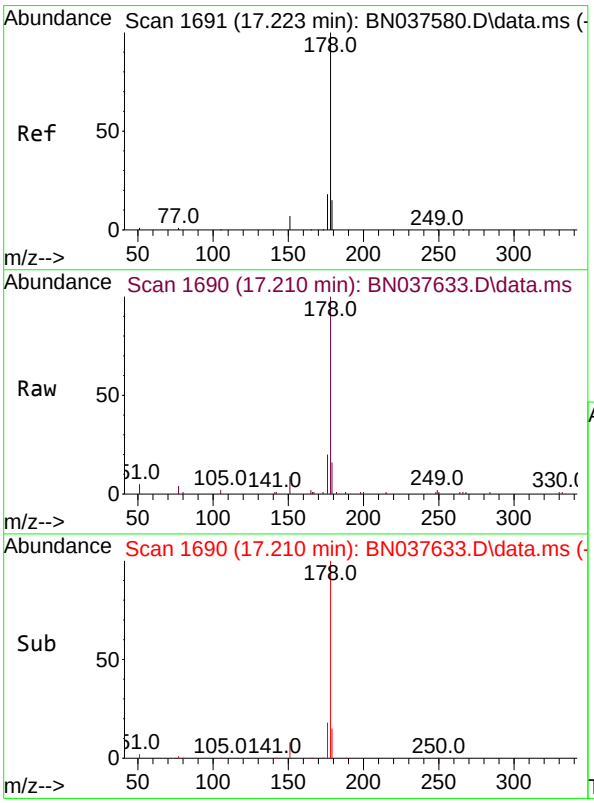
#25
Phenanthrene
Concen: 0.384 ng
RT: 17.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7486

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.6	12.3	18.5

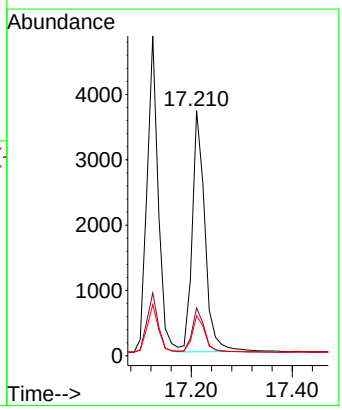


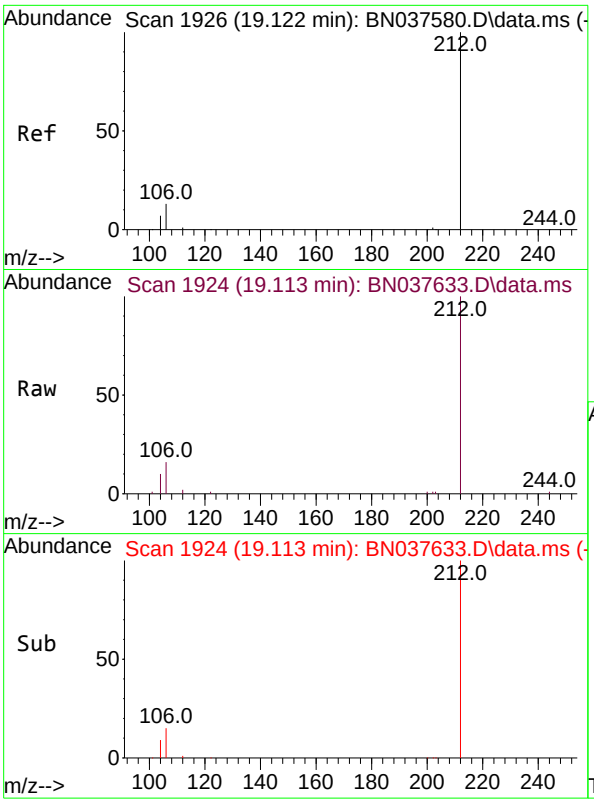


#26
Anthracene
Concen: 0.373 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:178 Resp: 6431

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.3	18.5



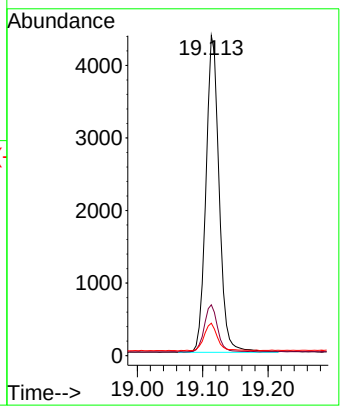


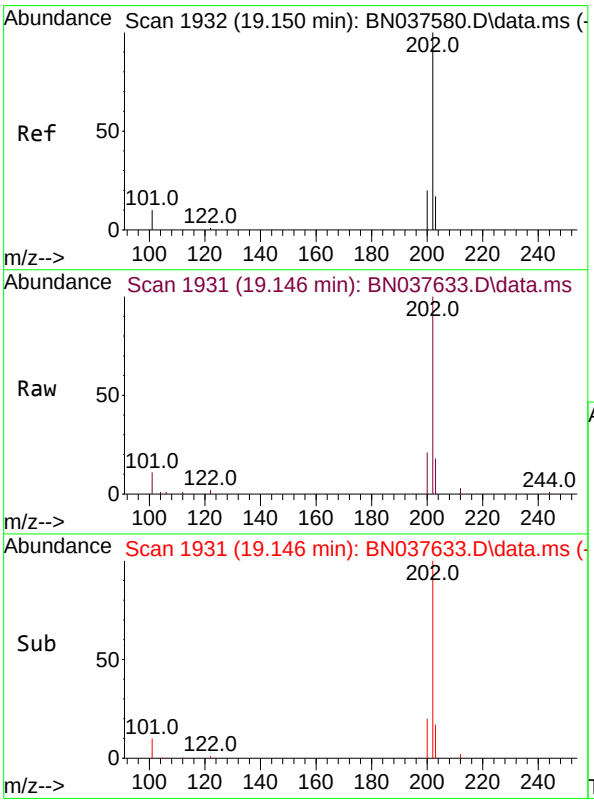
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.113 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 6134

Ion	Ratio	Lower	Upper
212	100		
106	15.1	11.5	17.3
104	8.9	6.6	9.8

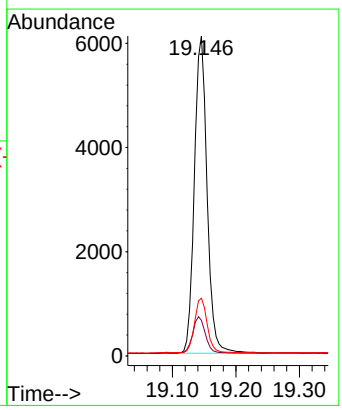


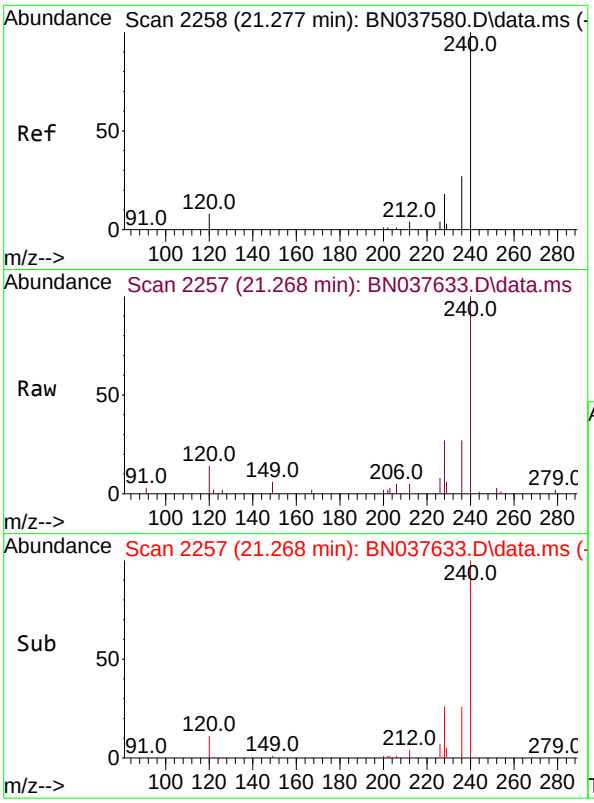


#28
Fluoranthene
Concen: 0.378 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:202 Resp: 8465

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.6
203	17.2	13.8	20.8



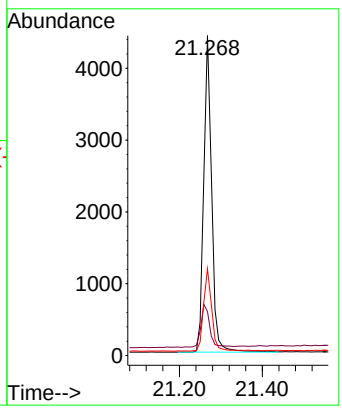


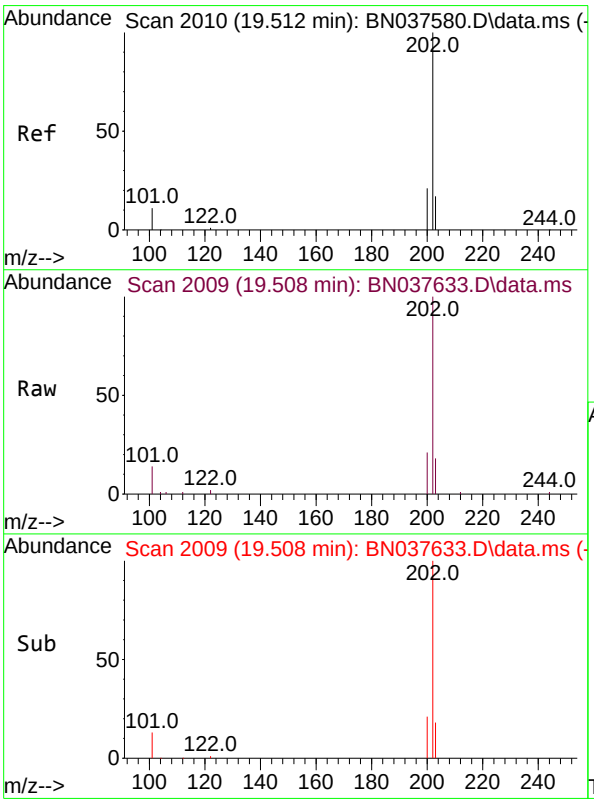
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5848

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.9	13.3#
236	27.1	22.6	33.8

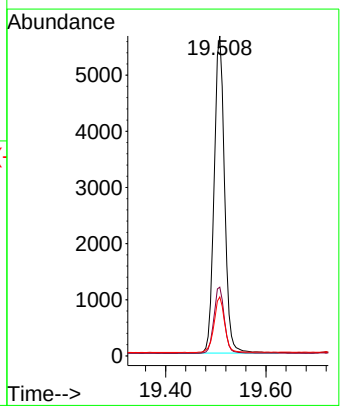


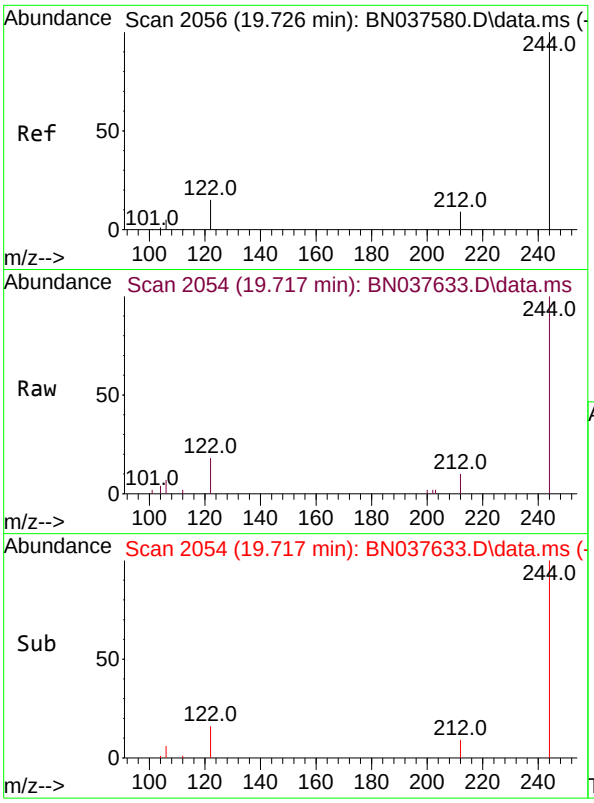


#30
Pyrene
Concen: 0.372 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.005 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:202 Resp: 8139

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.1	14.3	21.5



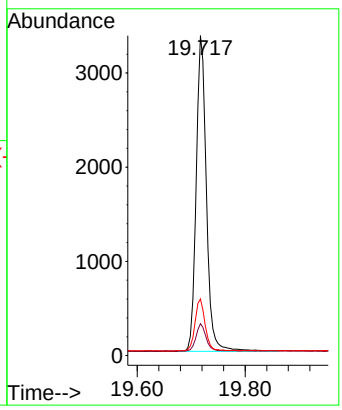


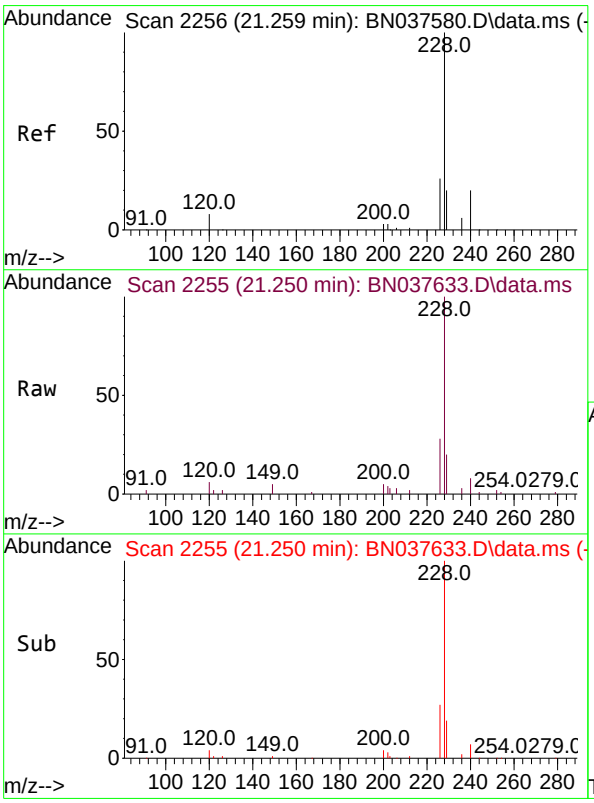
#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.717 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4414

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.2	12.2
122	17.7	13.2	19.8

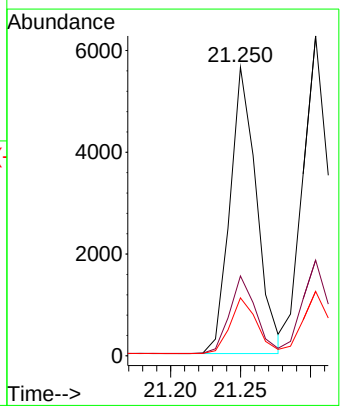


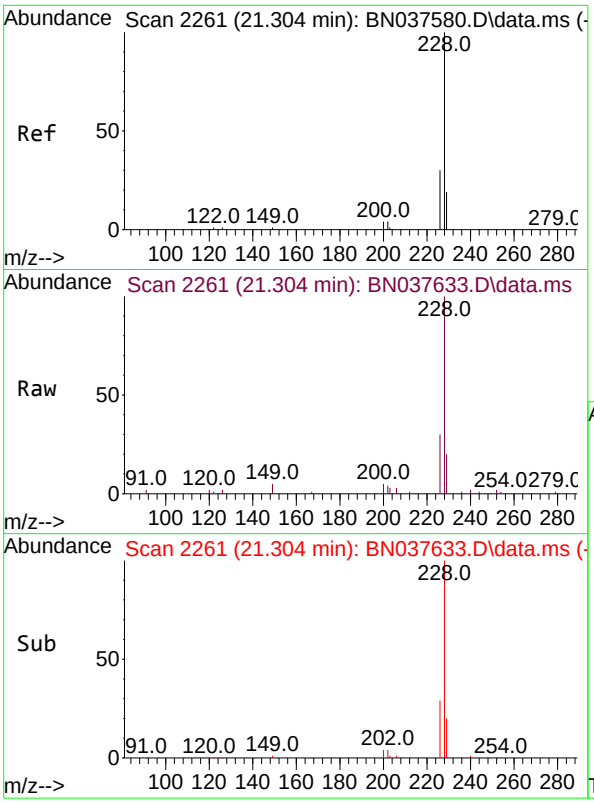


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:228 Resp: 7419

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	20.1	16.5	24.7



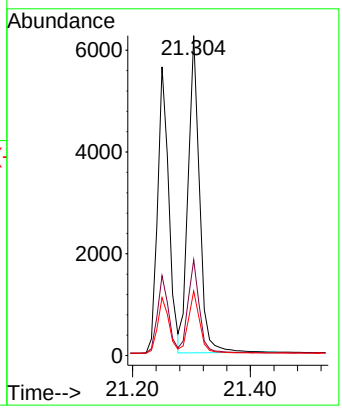


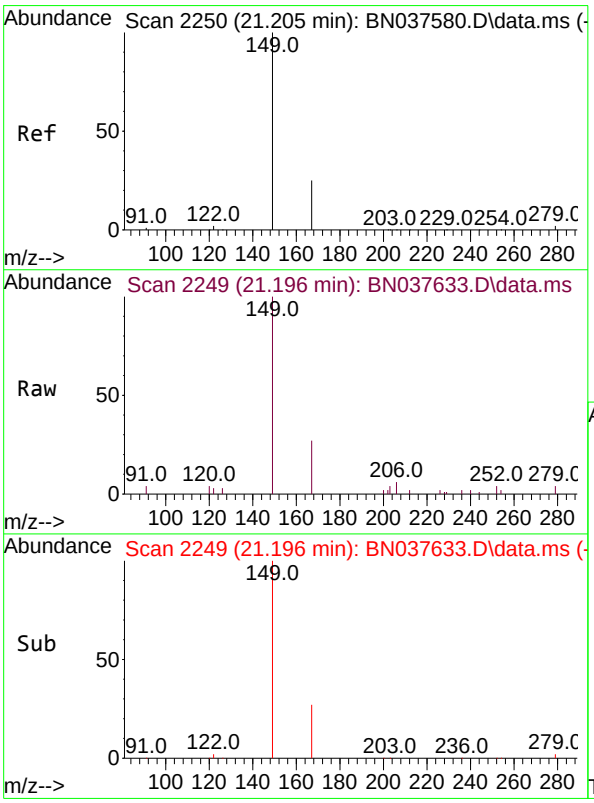
#33
Chrysene
Concen: 0.386 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8400

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.1	15.8	23.8

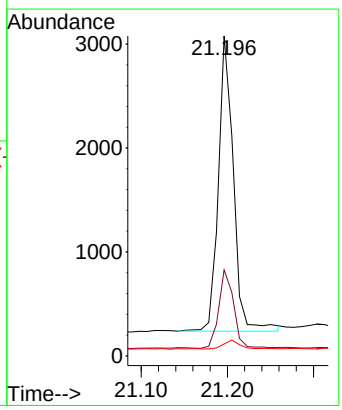


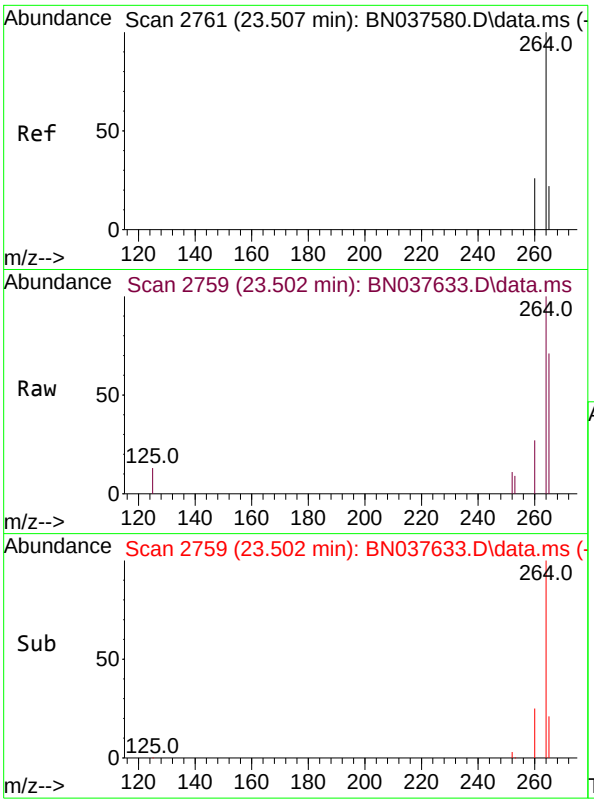


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:149 Resp: 3443

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.5	30.7
279	3.2	2.6	4.0



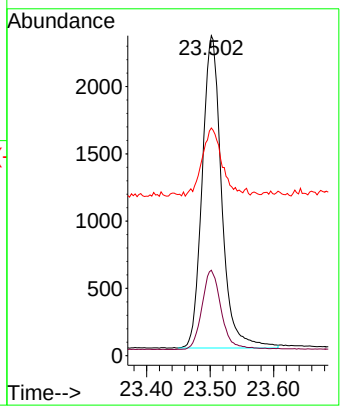


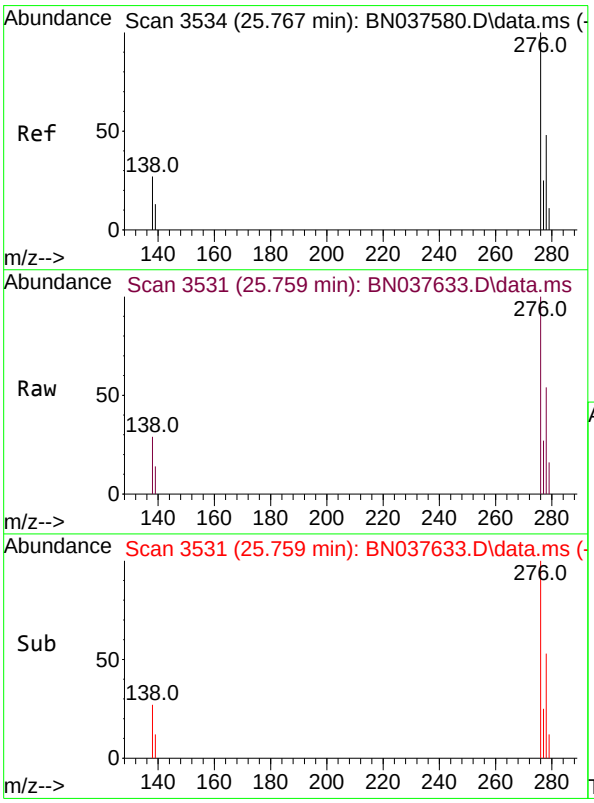
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4933

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.6	32.4
265	71.1	48.2	72.4

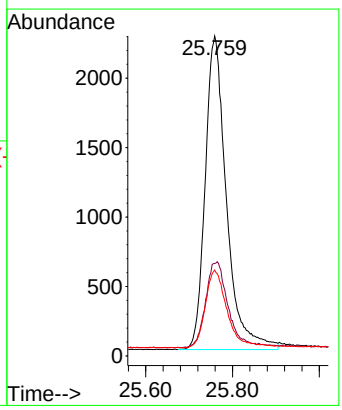


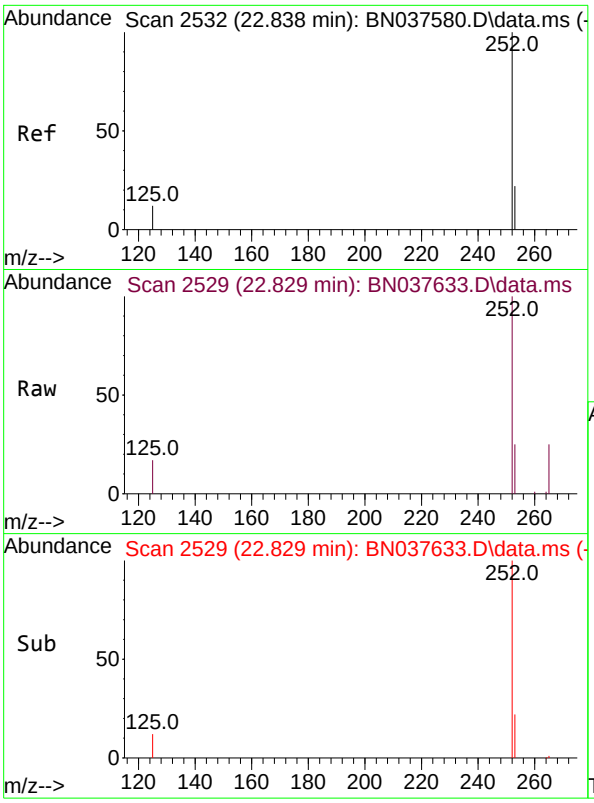


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.759 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:276 Resp: 7685

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.3	34.9
277	24.8	19.5	29.3



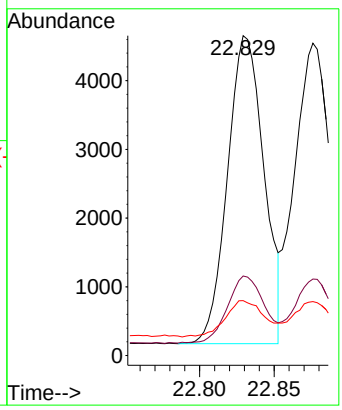


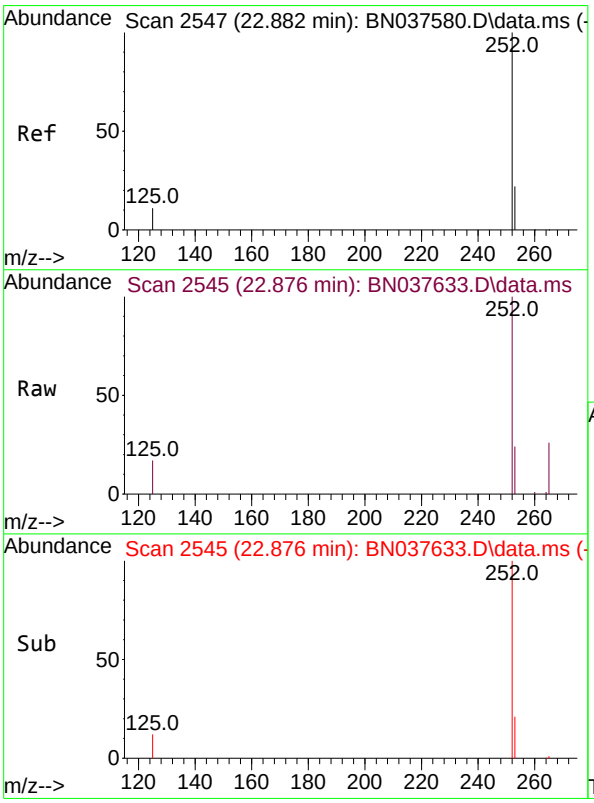
#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 22.829 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7623

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	17.2	13.8	20.6

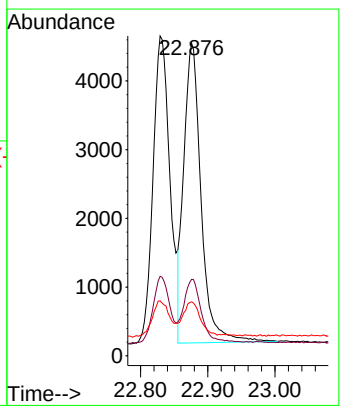


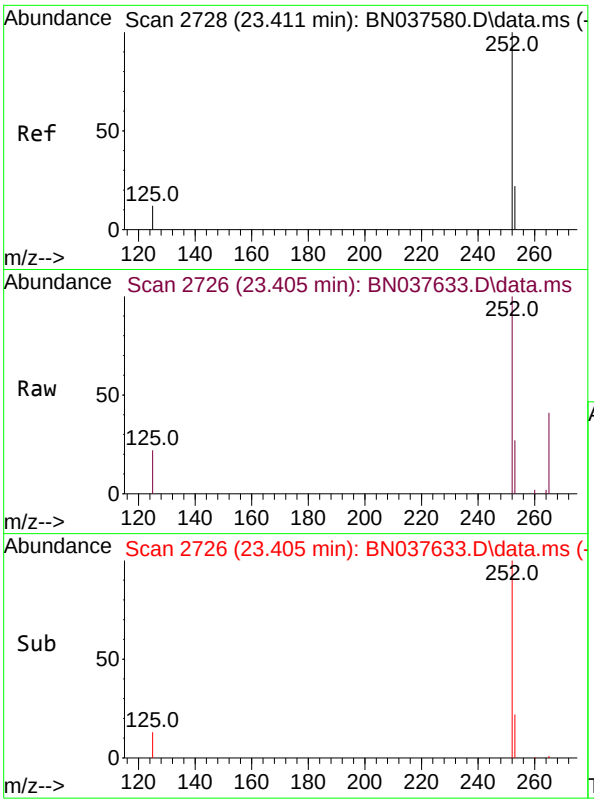


#38
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.876 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:252 Resp: 7812

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	17.3	15.0	22.6



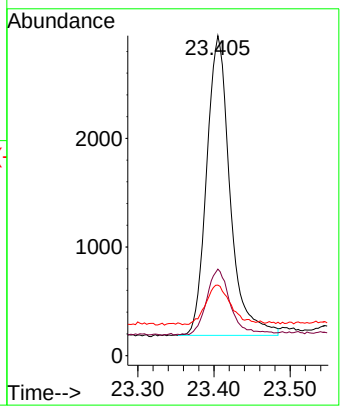


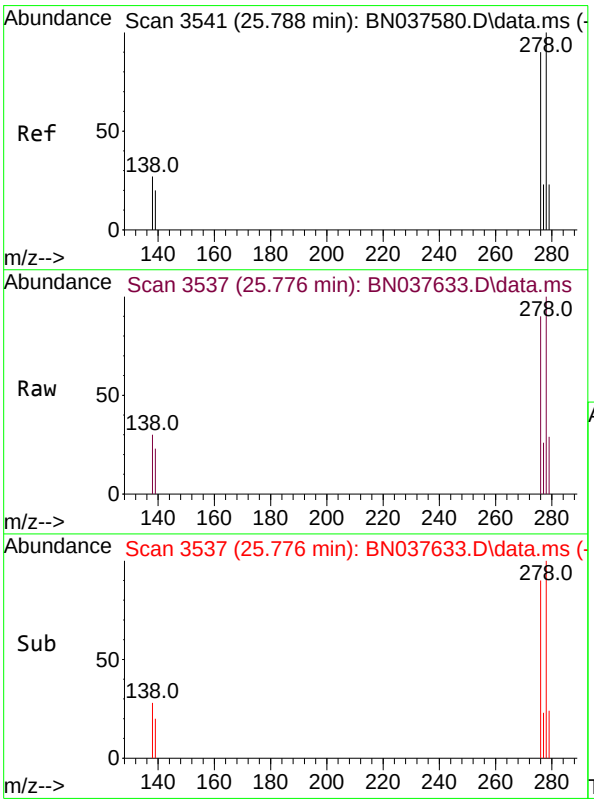
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.405 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5881

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.6	32.4
125	22.0	16.8	25.2

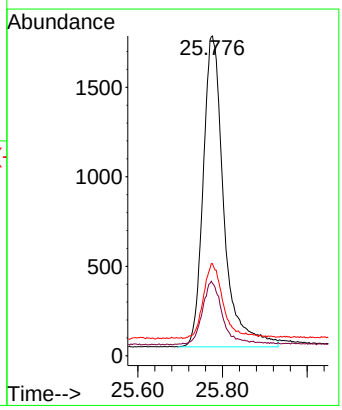


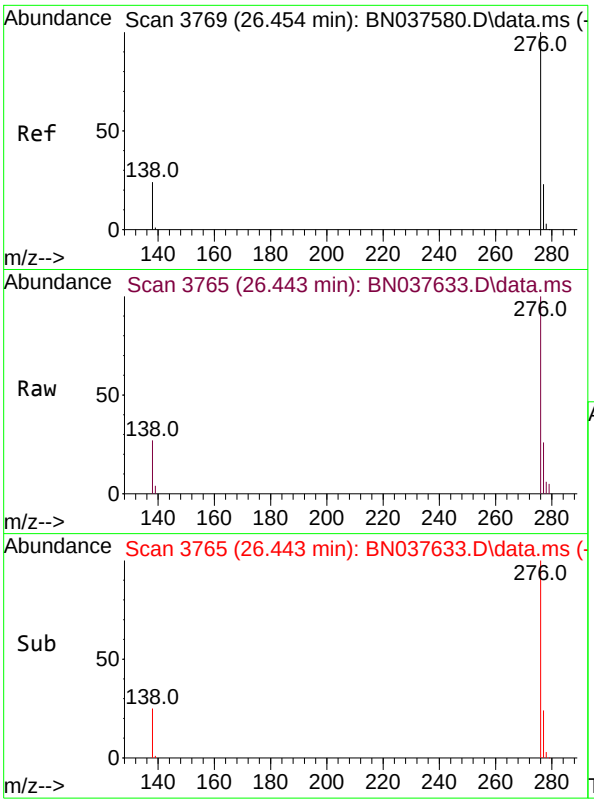


#40
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 25.776 min Scan# 3537
Delta R.T. -0.012 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Tgt Ion:278 Resp: 5887

Ion	Ratio	Lower	Upper
278	100		
139	22.7	18.3	27.5
279	28.8	22.5	33.7





#41
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 26.443 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037633.D
Acq: 20 Aug 2025 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6965

Ion	Ratio	Lower	Upper
276	100		
277	26.0	21.0	31.4
138	27.4	21.7	32.5