Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037660.D
Acq On : 04 Sep 2025 15:59
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 04 18:22:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2656	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6192	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2744	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	4886	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4086	0.400	ng	#	0.00
35) Perylene-d12	23.496	264	3902	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	4773	0.735	ng		0.00
5) Phenol-d6	6.872	99	5648	0.726	ng		0.00
8) Nitrobenzene-d5	8.843	82	3580	0.736	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	5869	0.720	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	1020	0.689	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	11934	0.777	ng		0.00
27) Fluoranthene-d10	19.108	212	8529	0.700	ng		0.00
31) Terphenyl-d14	19.712	244	6020	0.748	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	2068	0.781	ng		99
3) n-Nitrosodimethylamine	3.535	42	2635	0.769	ng	#	99
6) bis(2-Chloroethyl)ether	7.132	93	5109	0.769	ng		100
9) Naphthalene	10.530	128	12742	0.755	ng		99
10) Hexachlorobutadiene	10.840	225	2926	0.756	ng	#	98
12) 2-Methylnaphthalene	12.151	142	7680	0.747	ng		99
16) Acenaphthylene	14.056	152	9462	0.755	ng		99
17) Acenaphthene	14.398	154	6492	0.747	ng		100
18) Fluorene	15.382	166	8011	0.755	ng		98
20) 4,6-Dinitro-2-methylph...	15.457	198	601	0.702	ng		89
21) 4-Bromophenyl-phenylether	16.280	248	2373	0.749	ng		98
22) Hexachlorobenzene	16.391	284	3383	0.770	ng		100
23) Atrazine	16.540	200	1492	0.695	ng	#	88
24) Pentachlorophenol	16.726	266	1405	0.695	ng		98
25) Phenanthrene	17.124	178	11119	0.746	ng		100
26) Anthracene	17.210	178	9598	0.730	ng		100
28) Fluoranthene	19.141	202	12016	0.727	ng		99
30) Pyrene	19.503	202	11784	0.750	ng		100
32) Benzo(a)anthracene	21.250	228	10237	0.728	ng		99
33) Chrysene	21.295	228	11300	0.753	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3663	0.762	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	13558	0.735	ng		99
37) Benzo(b)fluoranthene	22.823	252	11568	0.734	ng		98
38) Benzo(k)fluoranthene	22.870	252	12145	0.735	ng		98
39) Benzo(a)pyrene	23.399	252	9421	0.721	ng		96
40) Dibenzo(a,h)anthracene	25.767	278	10524	0.732	ng		99
41) Benzo(g,h,i)perylene	26.437	276	11567	0.746	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037660.D
Acq On : 04 Sep 2025 15:59
Operator : RC/JU
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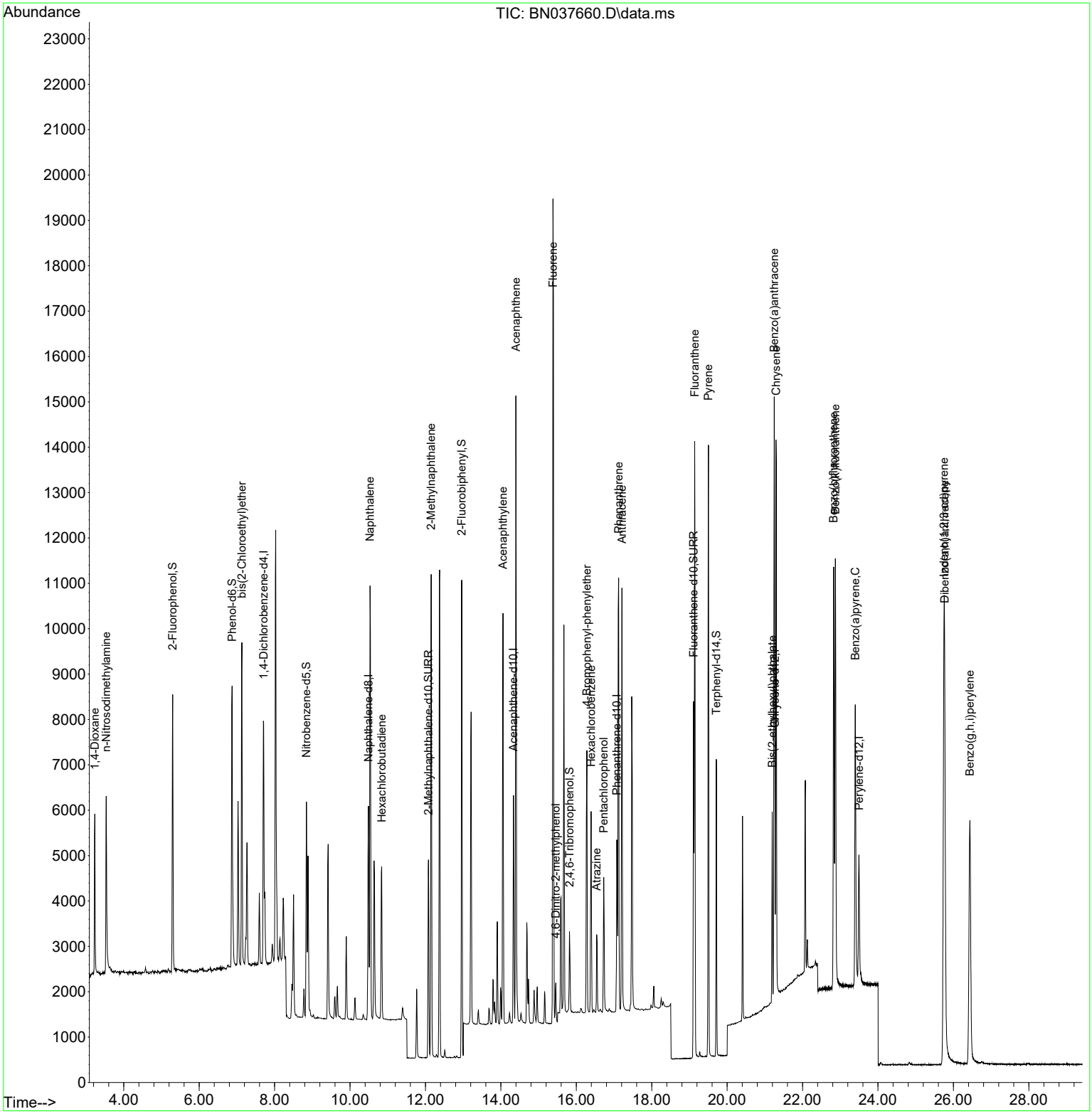
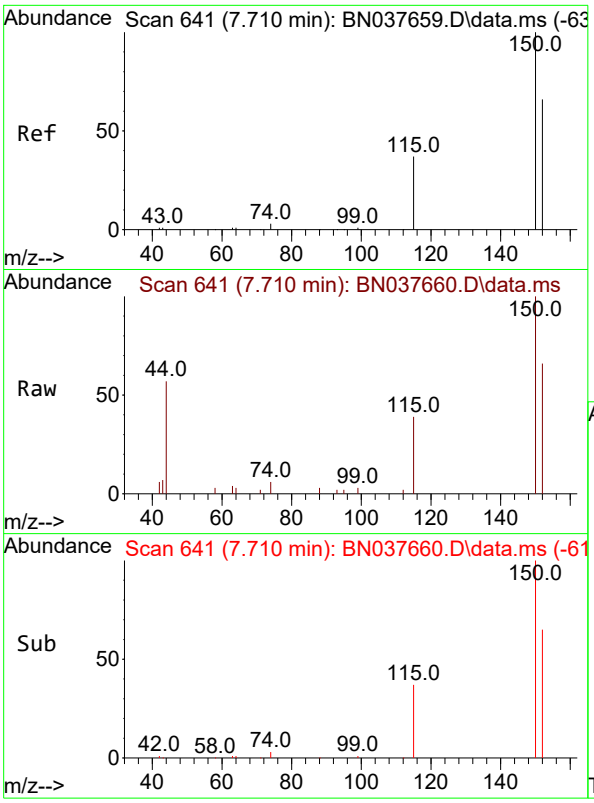
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 04 18:22:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration



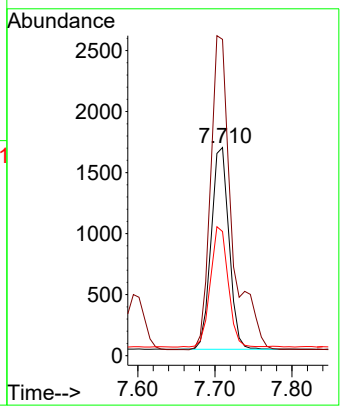


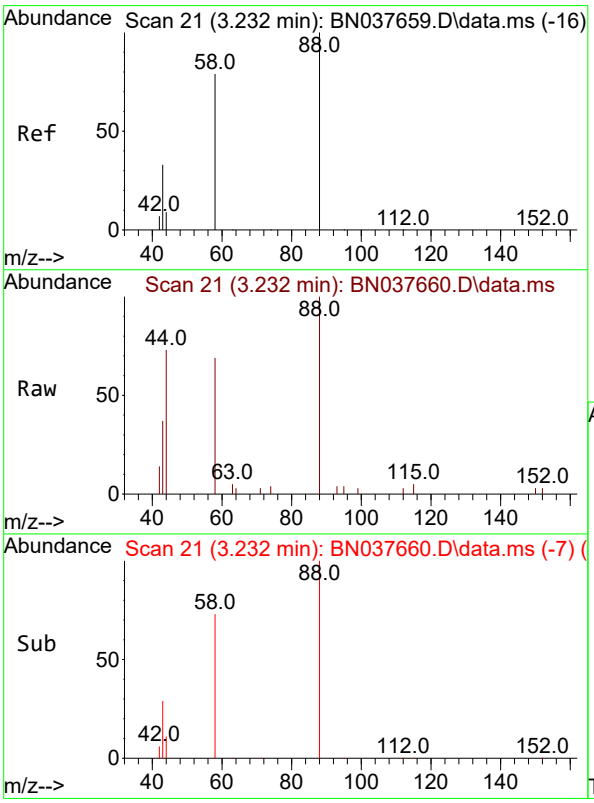
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2656

Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.9	179.9
115	59.6	46.8	70.2

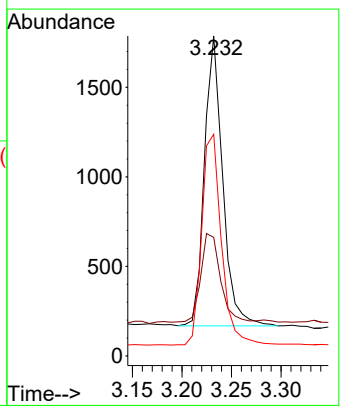


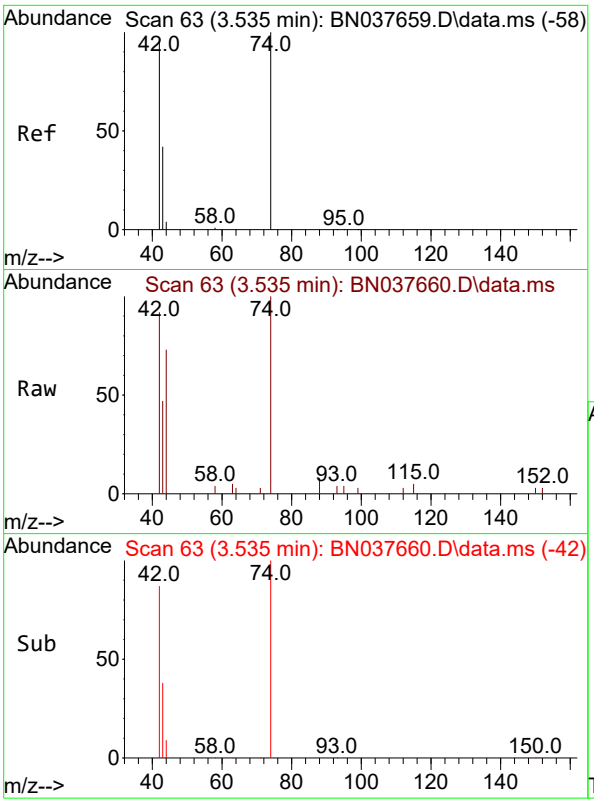


#2
1,4-Dioxane
Concen: 0.781 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion: 88 Resp: 2068

Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.6	40.0
58	78.9	62.0	93.0



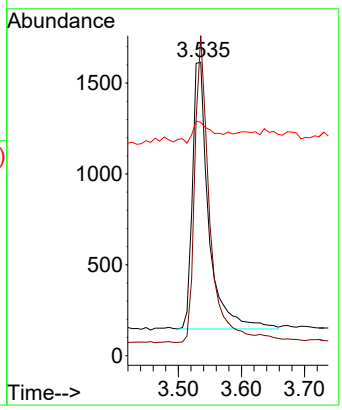


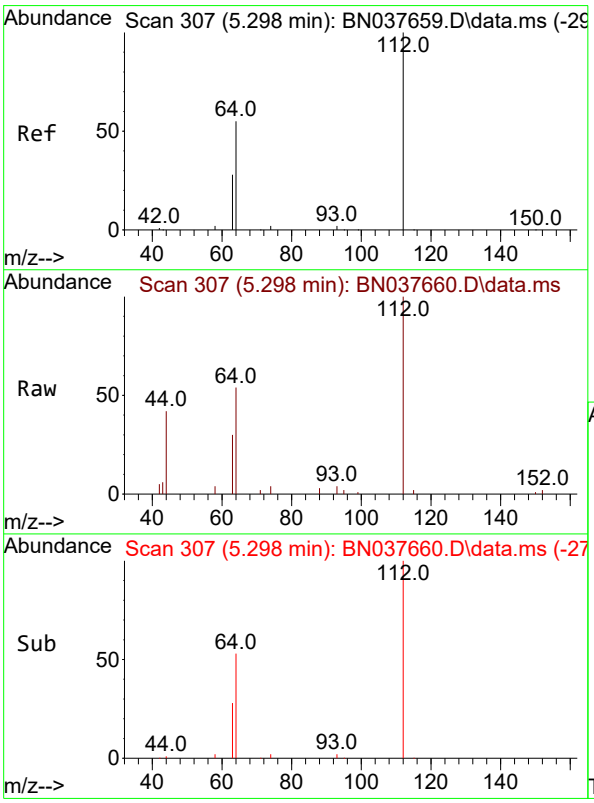
#3
n-Nitrosodimethylamine
Concen: 0.769 ng
RT: 3.535 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2635

Ion	Ratio	Lower	Upper
42	100		
74	106.7	86.2	129.2
44	9.9	5.2	7.8#

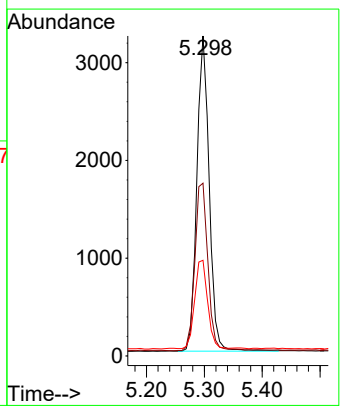


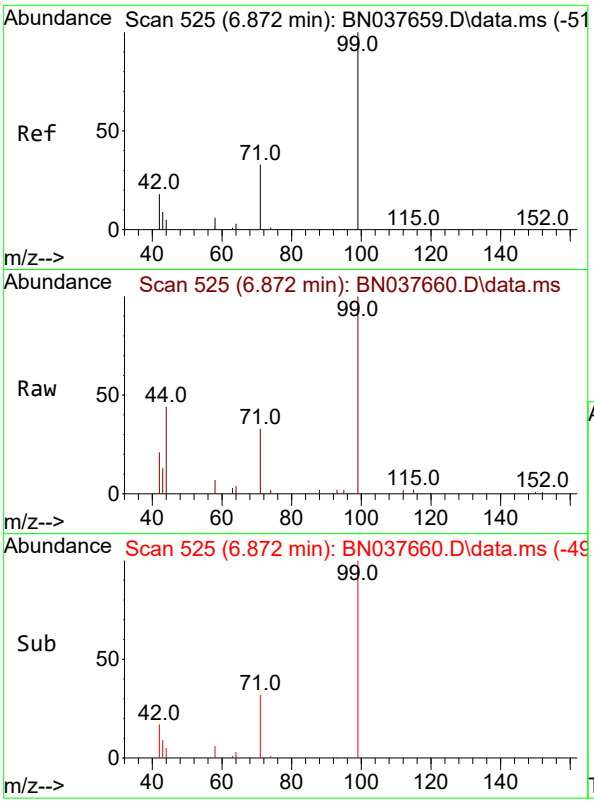


#4
2-Fluorophenol
Concen: 0.735 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:112 Resp: 4773

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.8	68.6
63	29.5	24.2	36.4



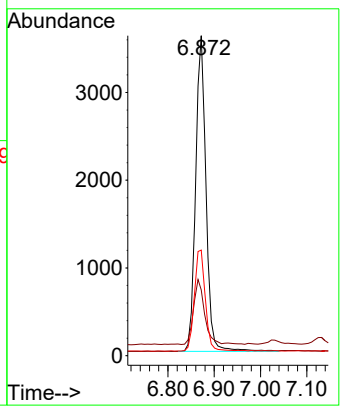


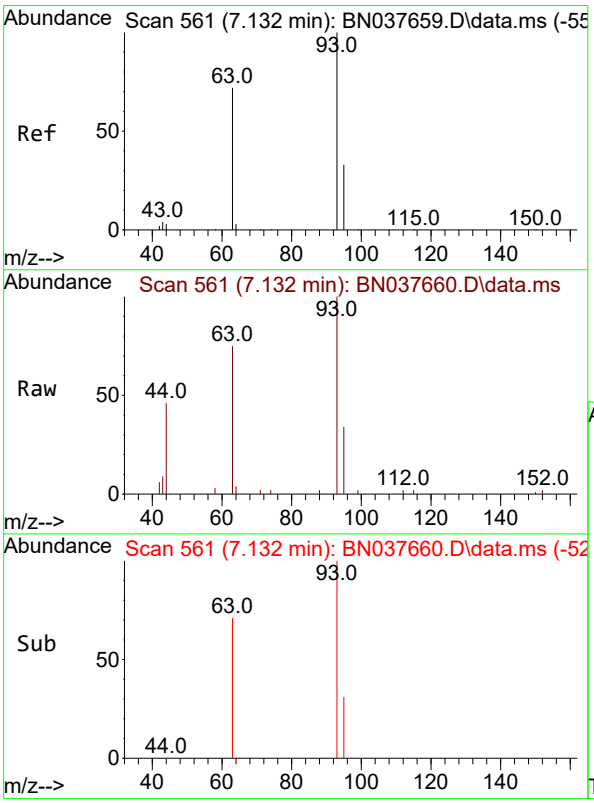
#5
Phenol-d6
Concen: 0.726 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 5648

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.7	26.5
71	34.0	27.5	41.3

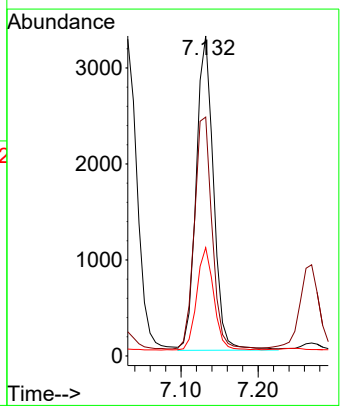


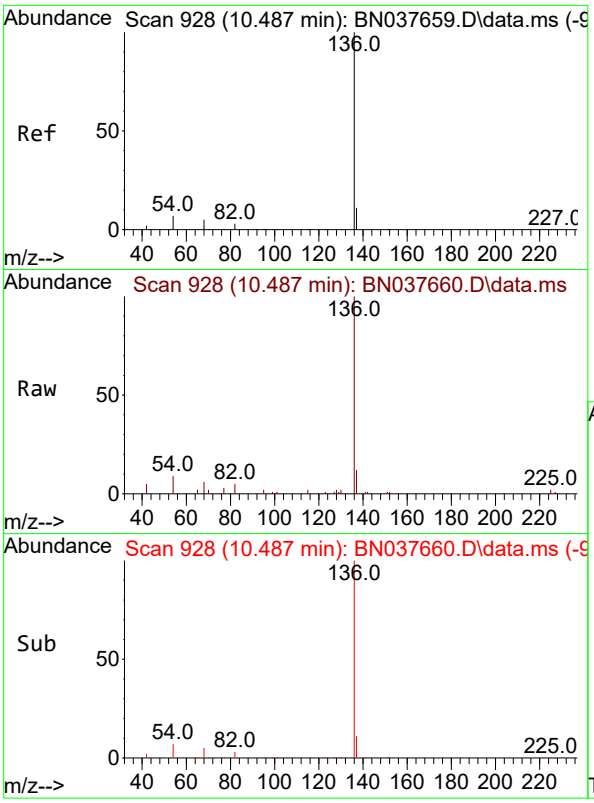


#6
bis(2-Chloroethyl)ether
Concen: 0.769 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion: 93 Resp: 5109

Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.6	91.0
95	31.9	25.7	38.5



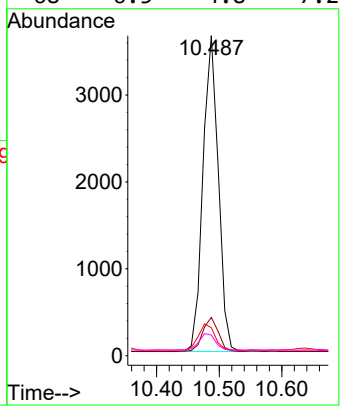


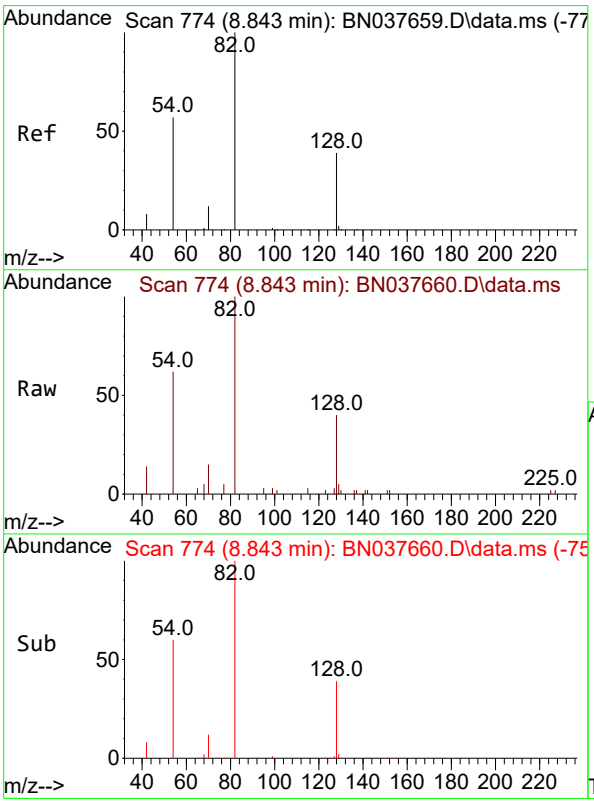
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 6192

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.0
54	8.8	6.3	9.5
68	6.5	4.8	7.2

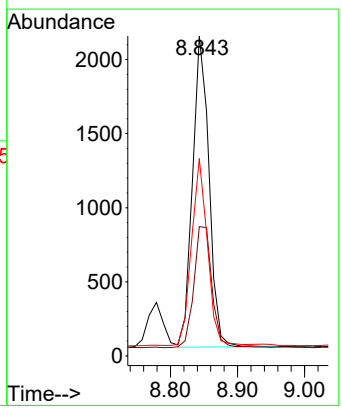


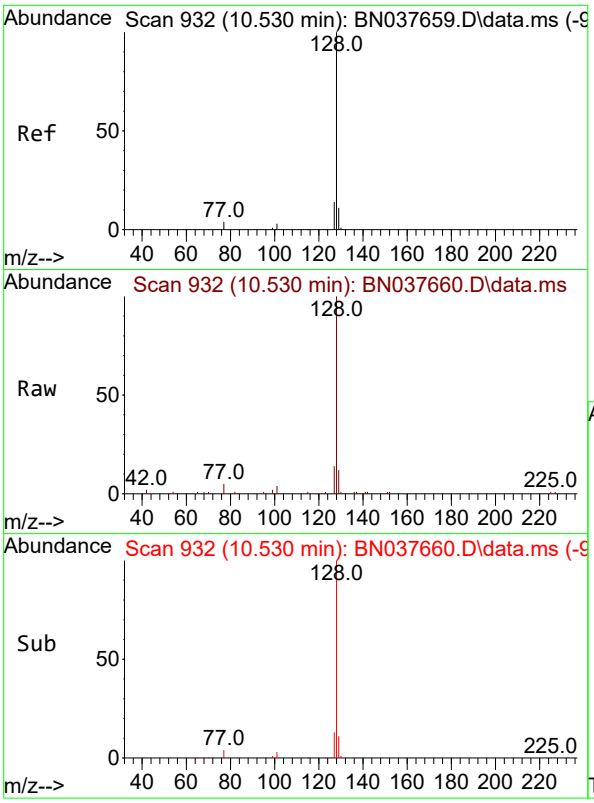


#8
Nitrobenzene-d5
Concen: 0.736 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion: 82 Resp: 3580

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.6
54	61.7	47.9	71.9



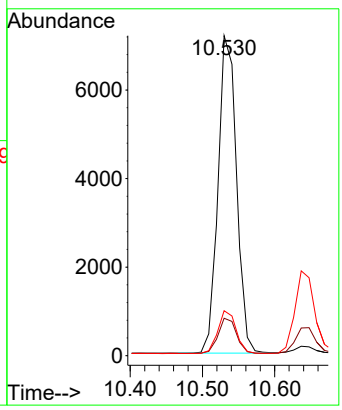


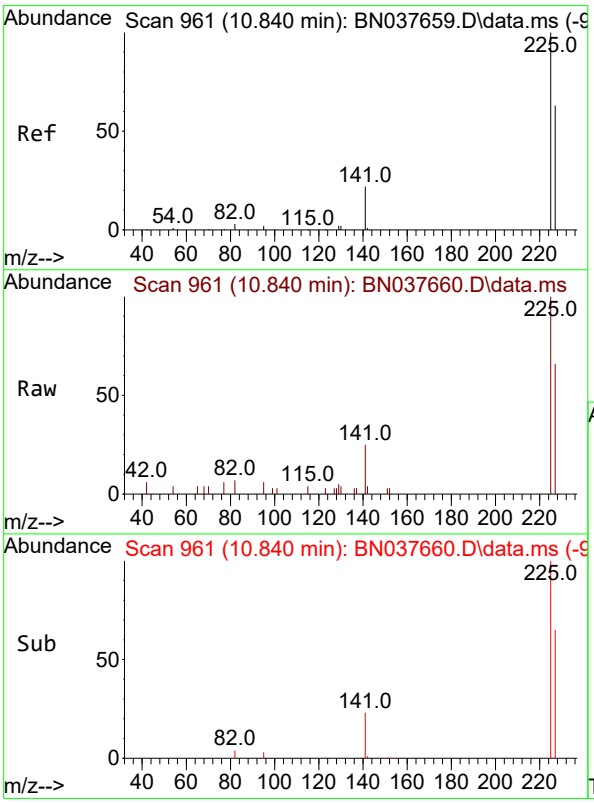
#9
Naphthalene
Concen: 0.755 ng
RT: 10.530 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 12742

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	14.1	11.5	17.3

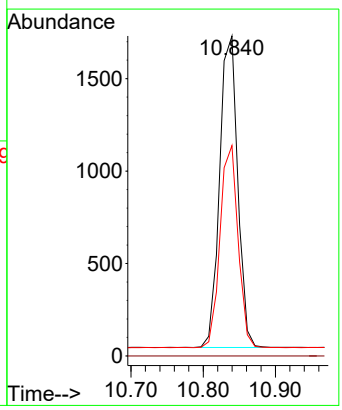


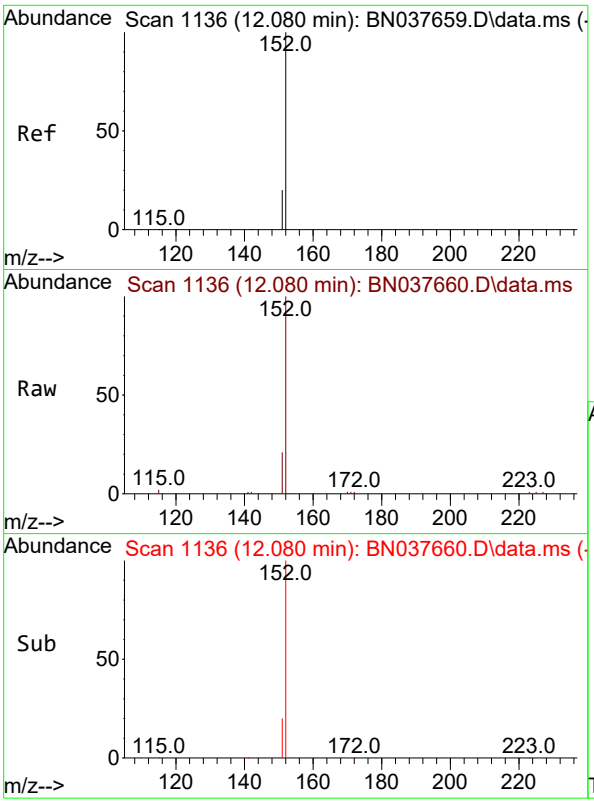


#10
Hexachlorobutadiene
Concen: 0.756 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:225 Resp: 2926

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.5	75.7



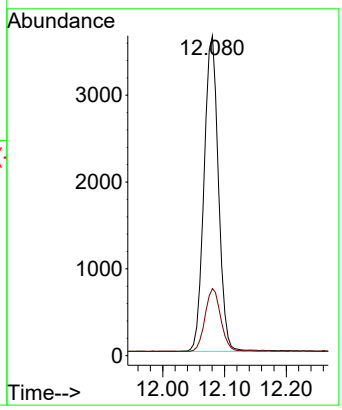


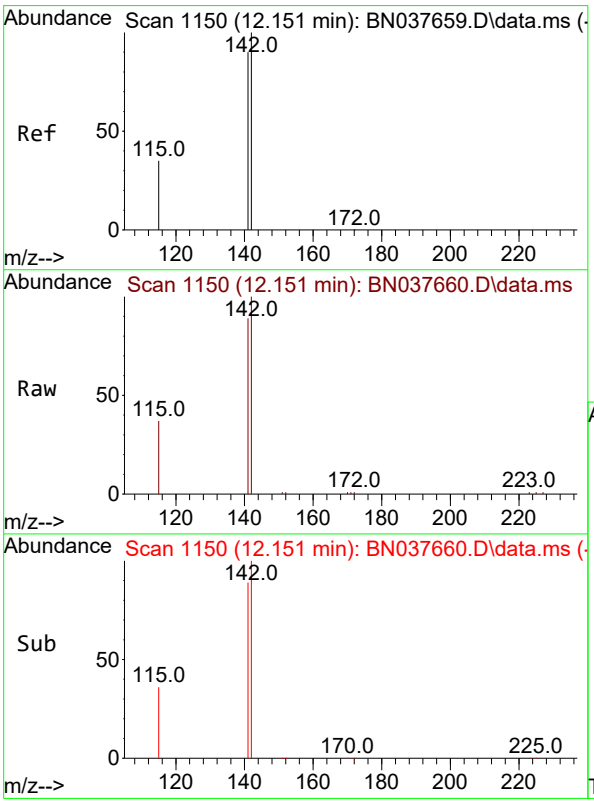
#11
2-Methylnaphthalene-d10
Concen: 0.720 ng
RT: 12.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5869

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.3	25.9

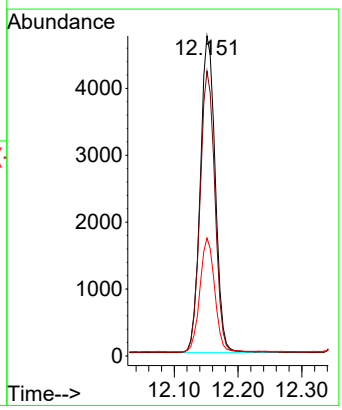


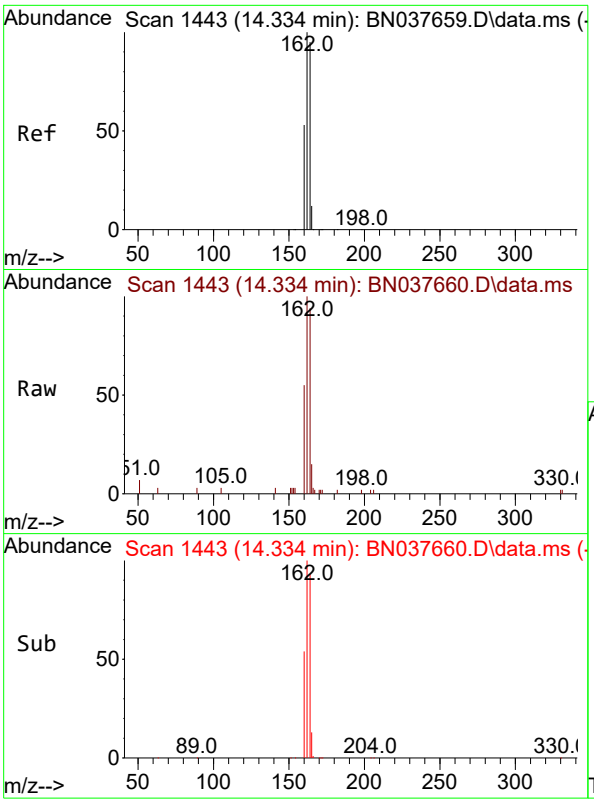


#12
2-Methylnaphthalene
Concen: 0.747 ng
RT: 12.151 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:142 Resp: 7680

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.8	107.8
115	36.9	29.4	44.2



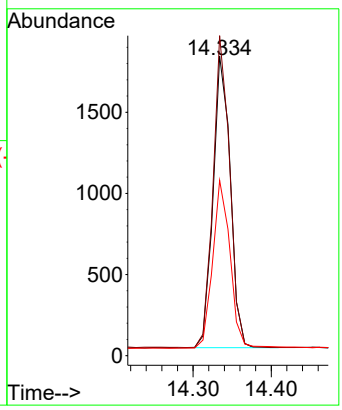


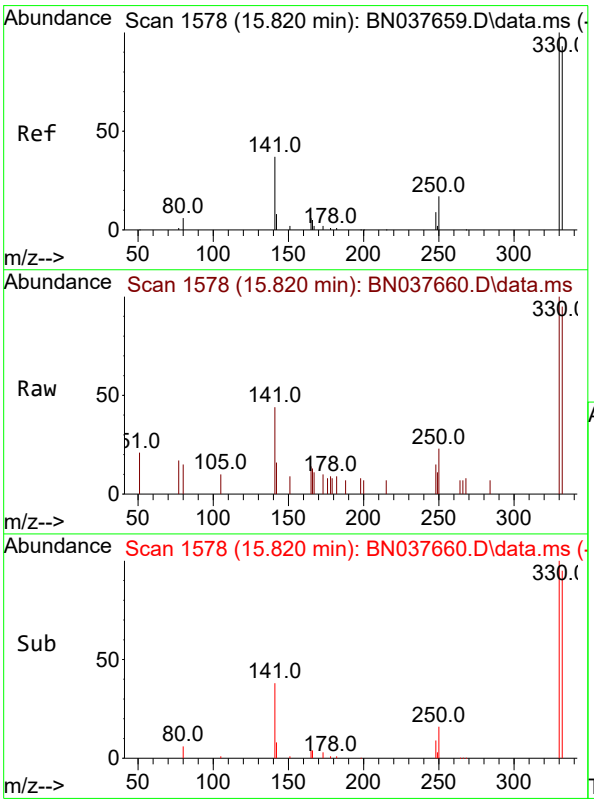
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2744

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.6	126.8
160	58.5	45.6	68.4

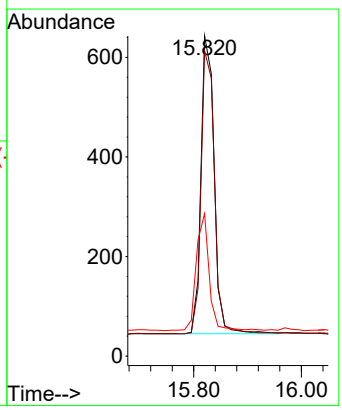


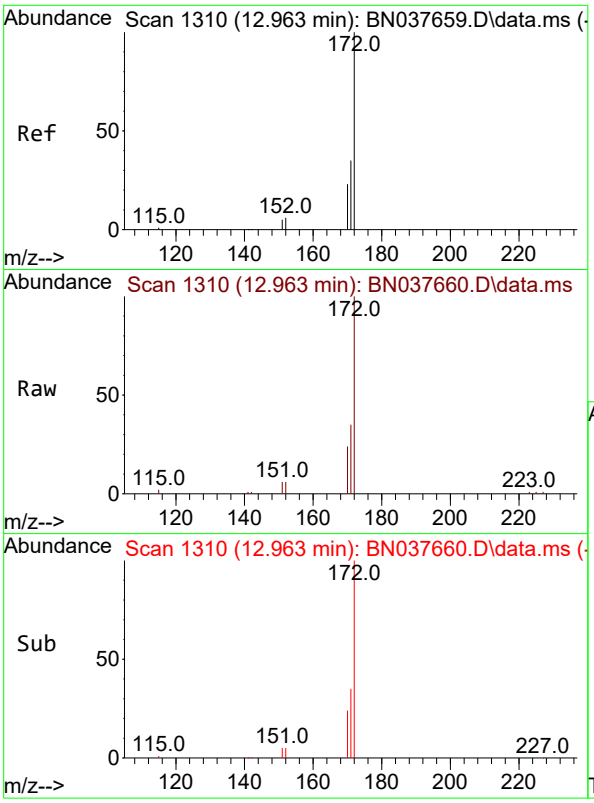


#14
2,4,6-Tribromophenol
Concen: 0.689 ng
RT: 15.820 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:330 Resp: 1020

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	38.8	31.4	47.2



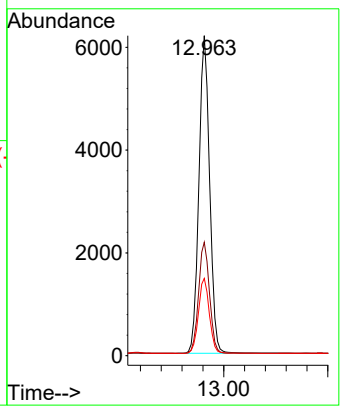


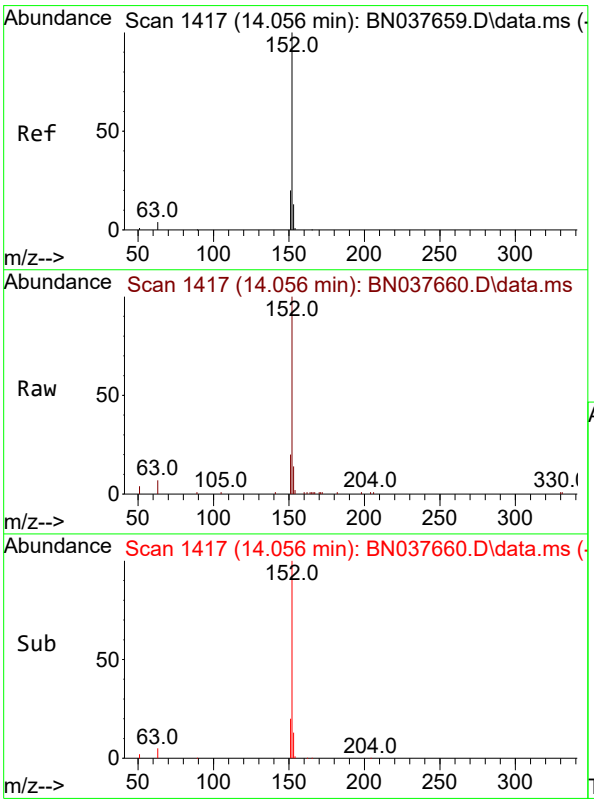
#15
2-Fluorobiphenyl
Concen: 0.777 ng
RT: 12.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11934

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	24.2	19.4	29.2

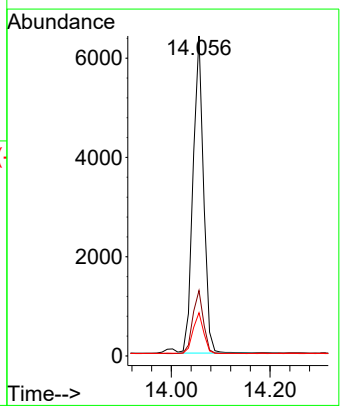


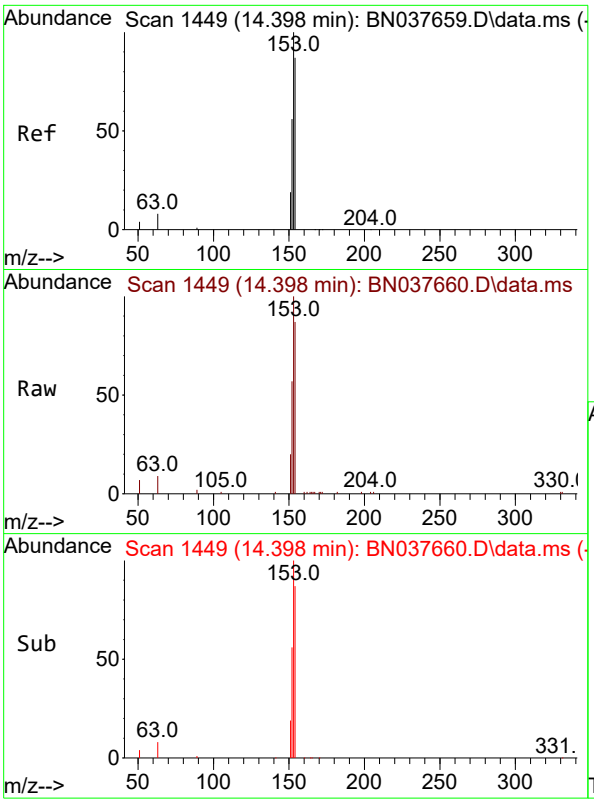


#16
Acenaphthylene
Concen: 0.755 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:152 Resp: 9462

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	10.9	16.3



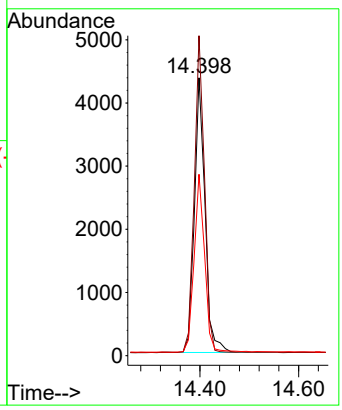


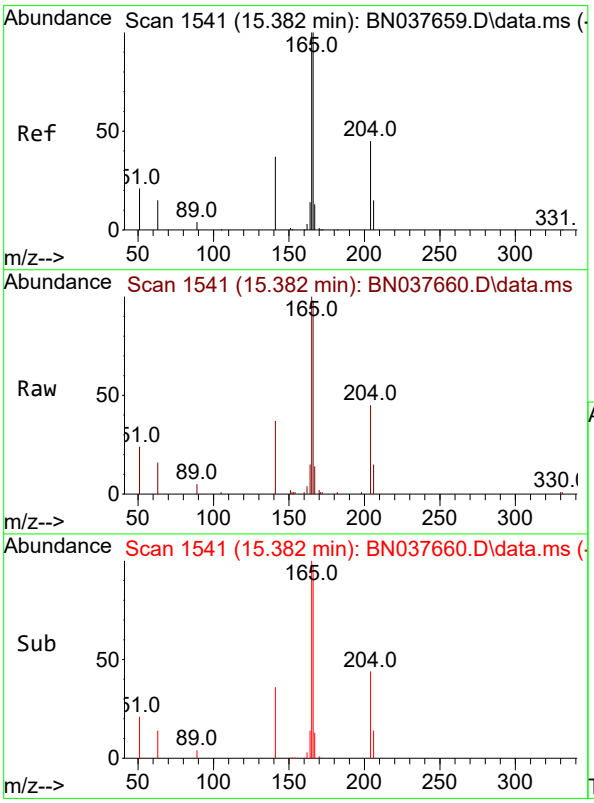
#17
Acenaphthene
Concen: 0.747 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 6492

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.3	132.5
152	64.6	51.4	77.2

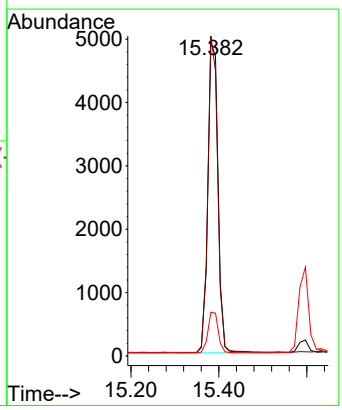


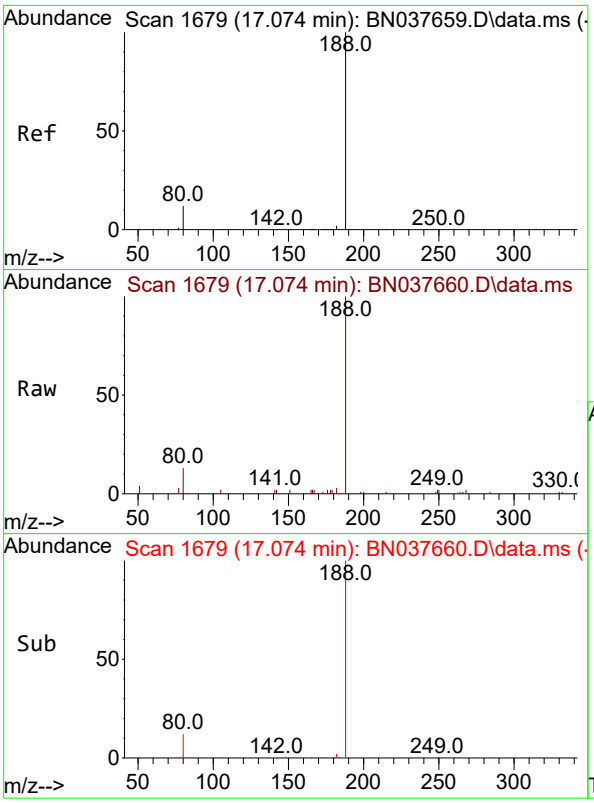


#18
Fluorene
Concen: 0.755 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:166 Resp: 8011

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	13.2	10.5	15.7



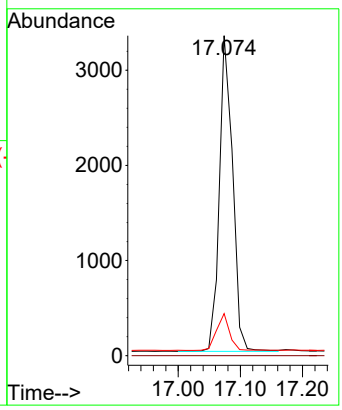


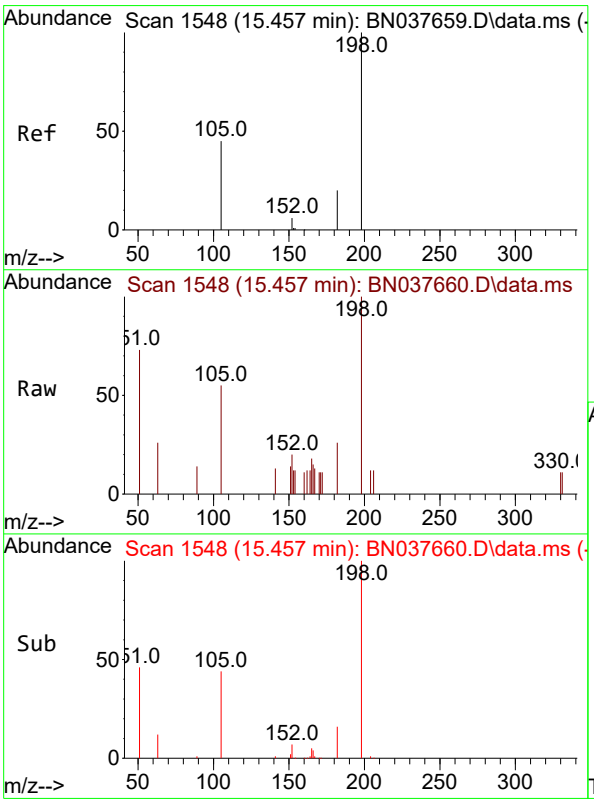
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 4886

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.8	16.2

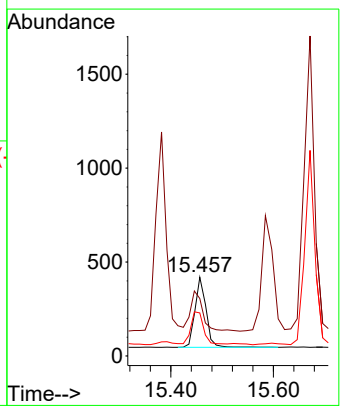


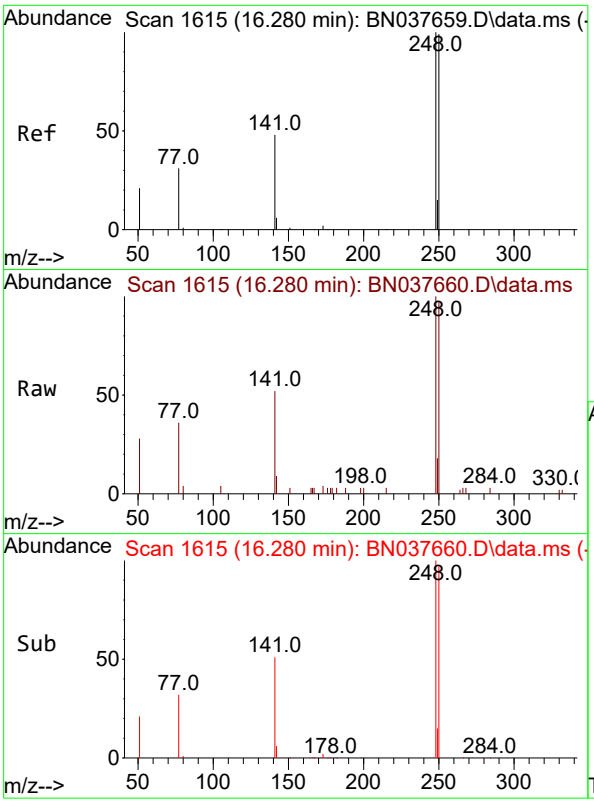


#20
4,6-Dinitro-2-methylphenol
Concen: 0.702 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:198 Resp: 601

Ion	Ratio	Lower	Upper
198	100		
51	73.0	69.0	103.4
105	54.7	47.8	71.8



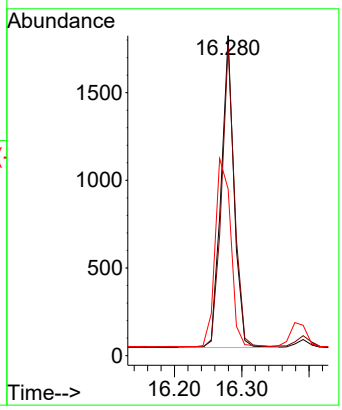


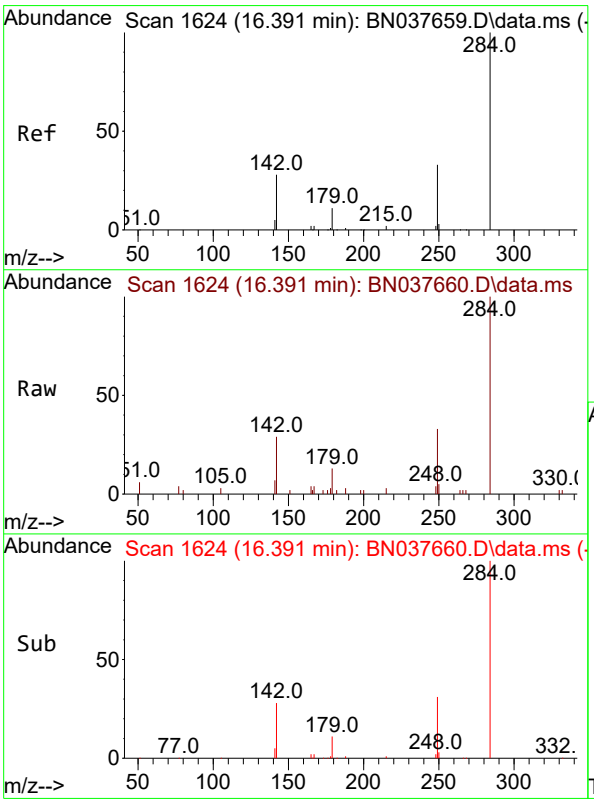
#21
4-Bromophenyl-phenylether
Concen: 0.749 ng
RT: 16.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 2373

Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.2	118.8
141	52.1	40.2	60.4

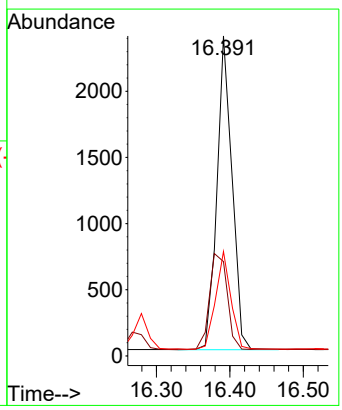


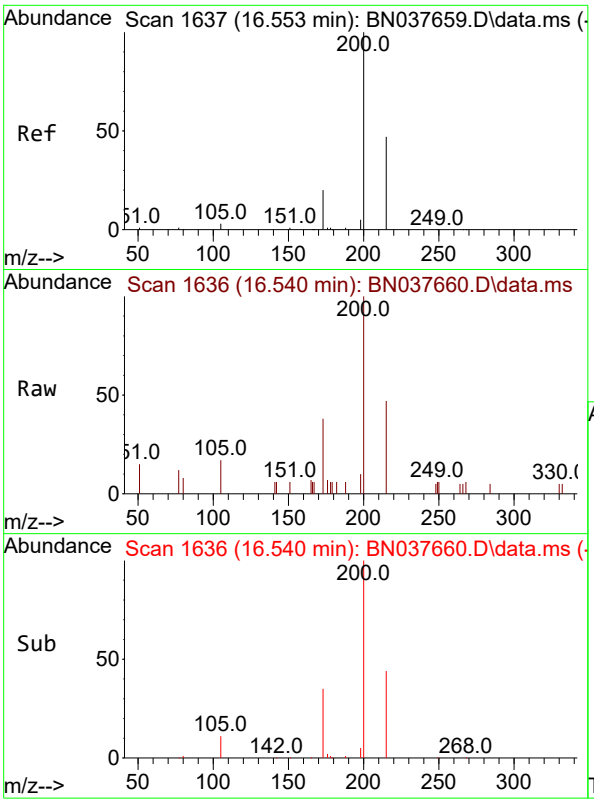


#22
Hexachlorobenzene
Concen: 0.770 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:284 Resp: 3383

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.4	42.6
249	31.6	25.1	37.7



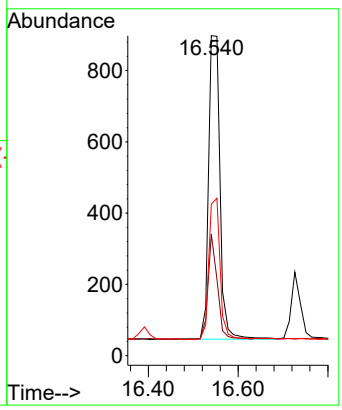


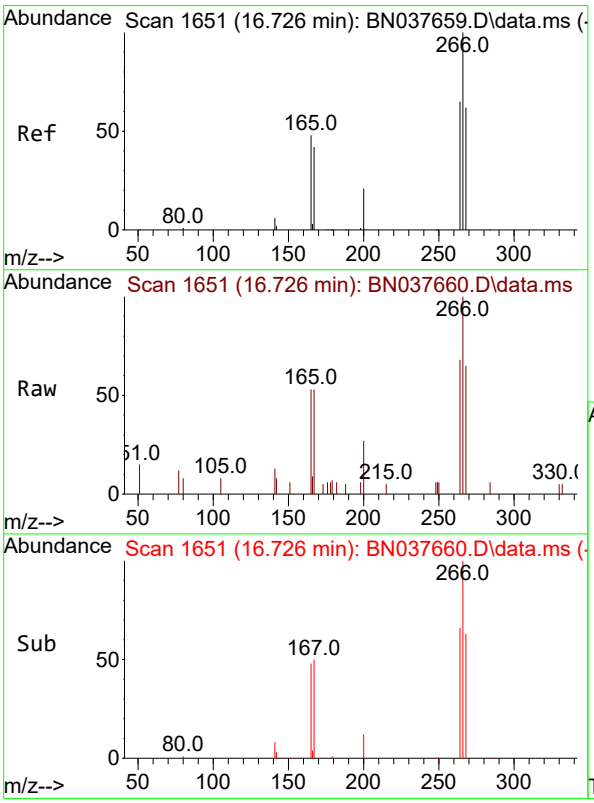
#23
Atrazine
Concen: 0.695 ng
RT: 16.540 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 1492

Ion	Ratio	Lower	Upper
200	100		
173	38.0	20.1	30.1#
215	47.3	40.6	61.0

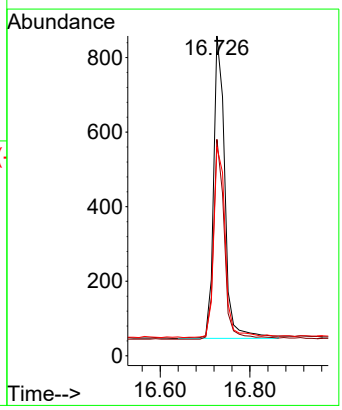


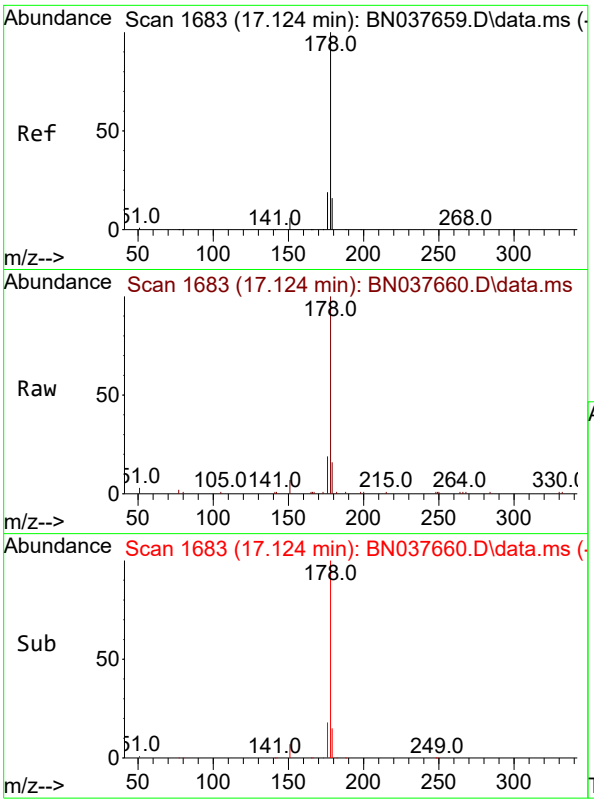


#24
Pentachlorophenol
Concen: 0.695 ng
RT: 16.726 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:266 Resp: 1405

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.6	74.4
268	64.4	50.2	75.2



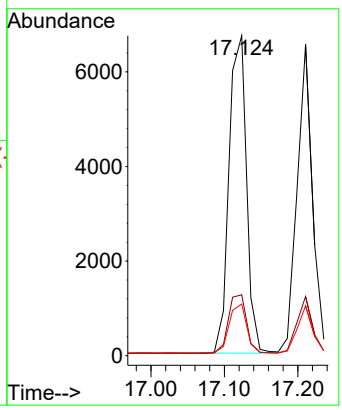


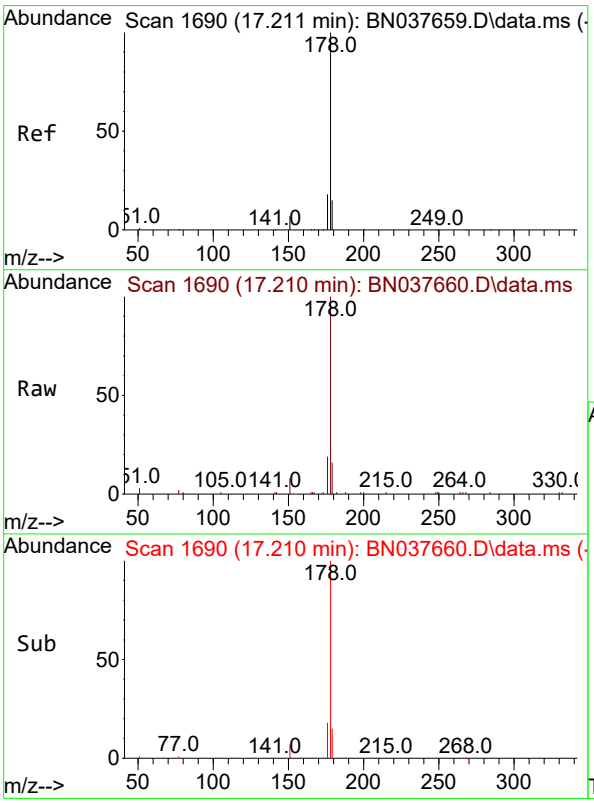
#25
Phenanthrene
Concen: 0.746 ng
RT: 17.124 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 11119

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.5	18.7

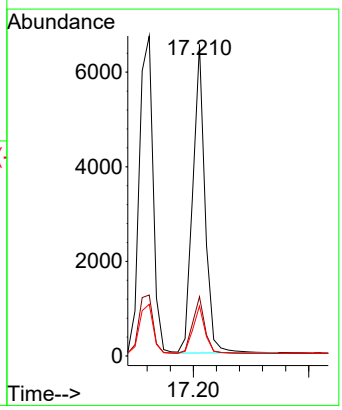


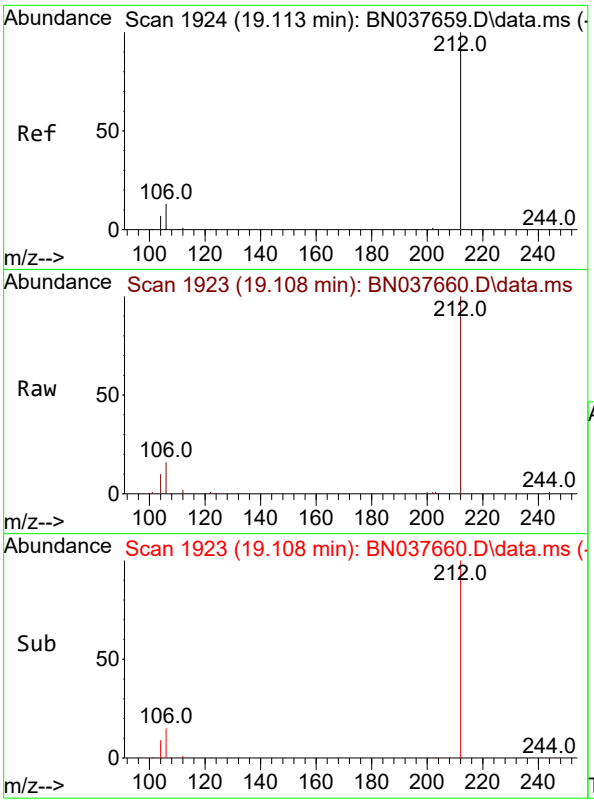


#26
Anthracene
Concen: 0.730 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:178 Resp: 9598

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.9	12.2	18.2



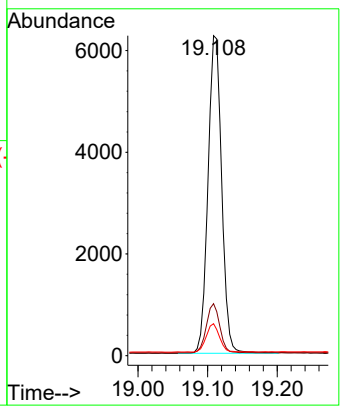


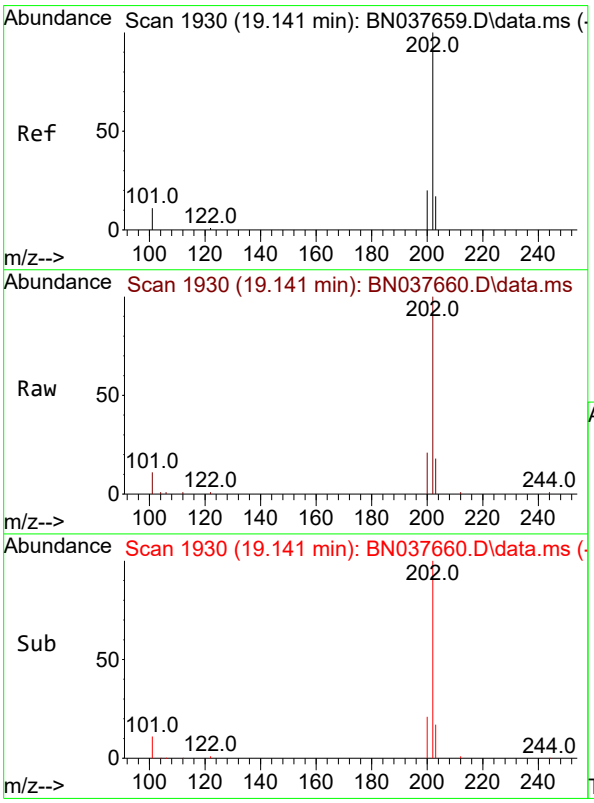
#27
Fluoranthene-d10
Concen: 0.700 ng
RT: 19.108 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 8529

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.0	18.0
104	8.6	6.8	10.2

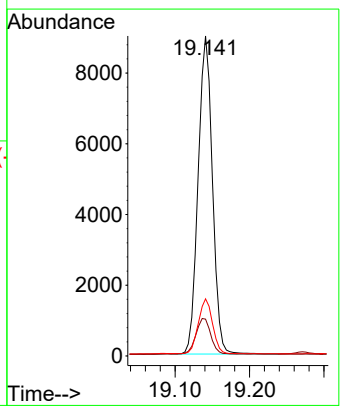


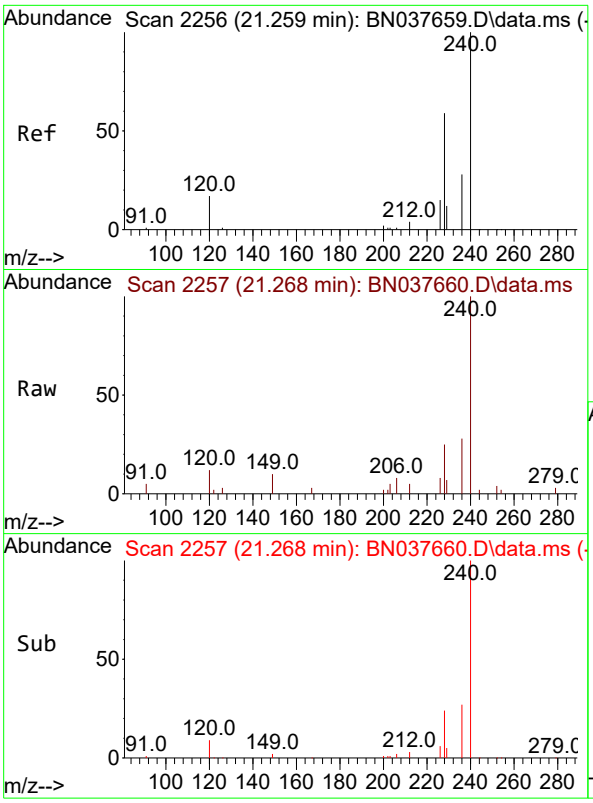


#28
Fluoranthene
Concen: 0.727 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:202 Resp: 12016

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.1	13.8	20.8



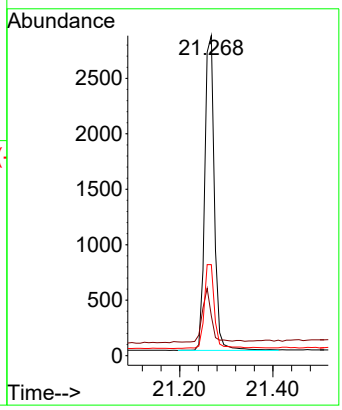


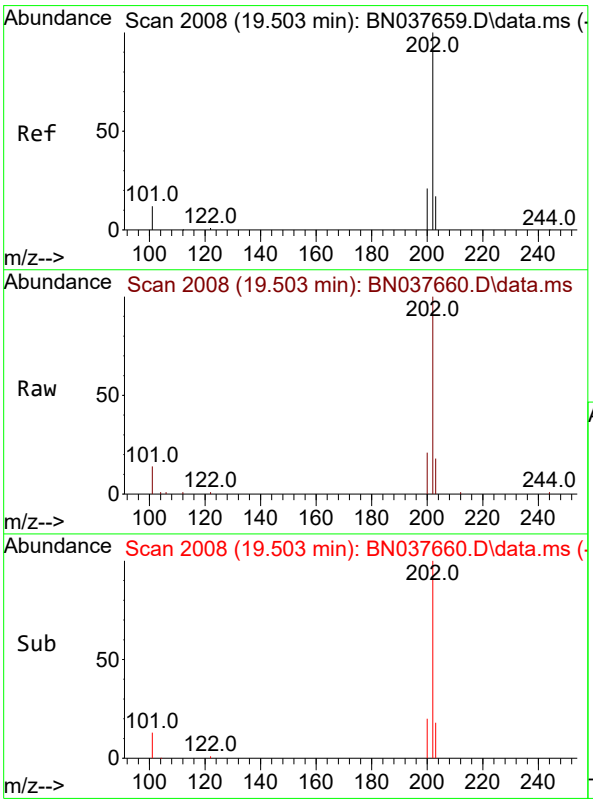
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 4086

Ion	Ratio	Lower	Upper
240	100		
120	12.4	15.9	23.9#
236	28.5	23.3	34.9

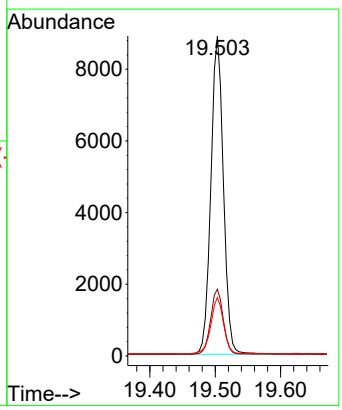


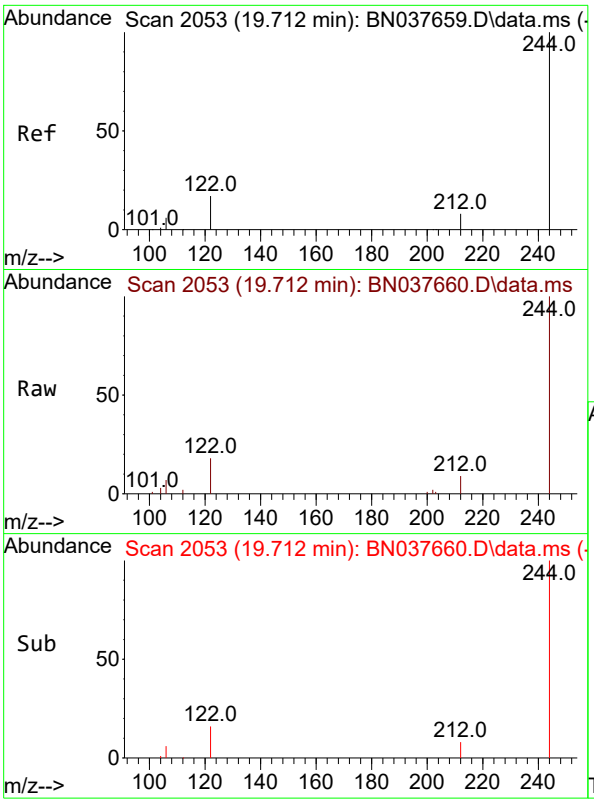


#30
Pyrene
Concen: 0.750 ng
RT: 19.503 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:202 Resp: 11784

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	18.0	14.4	21.6



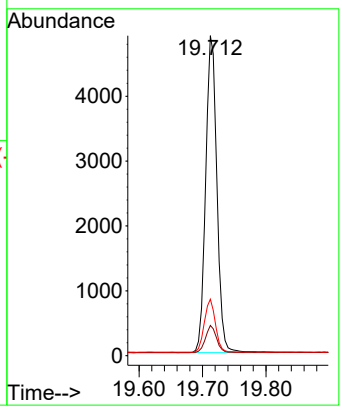


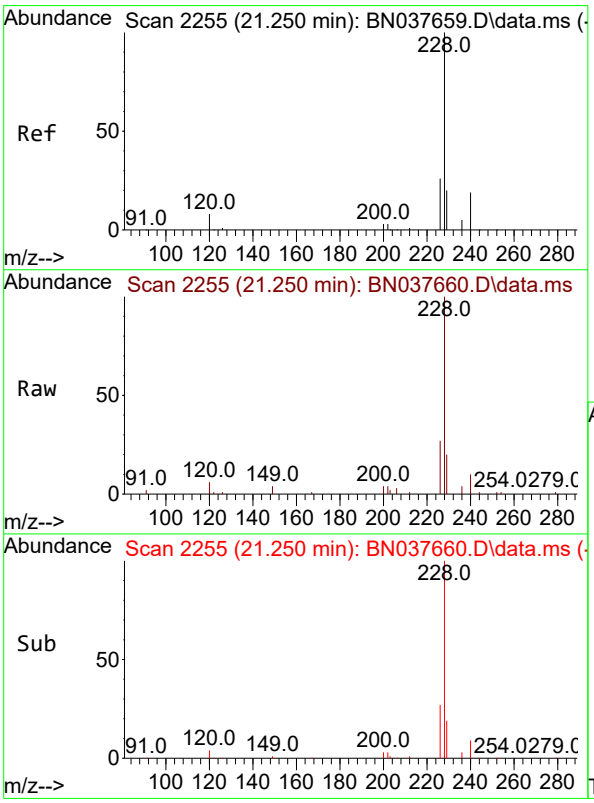
#31
Terphenyl-d14
Concen: 0.748 ng
RT: 19.712 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 6020

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.8	11.6
122	17.7	14.9	22.3

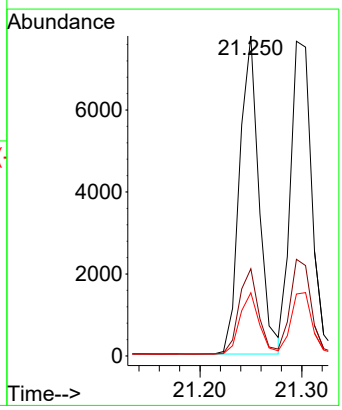


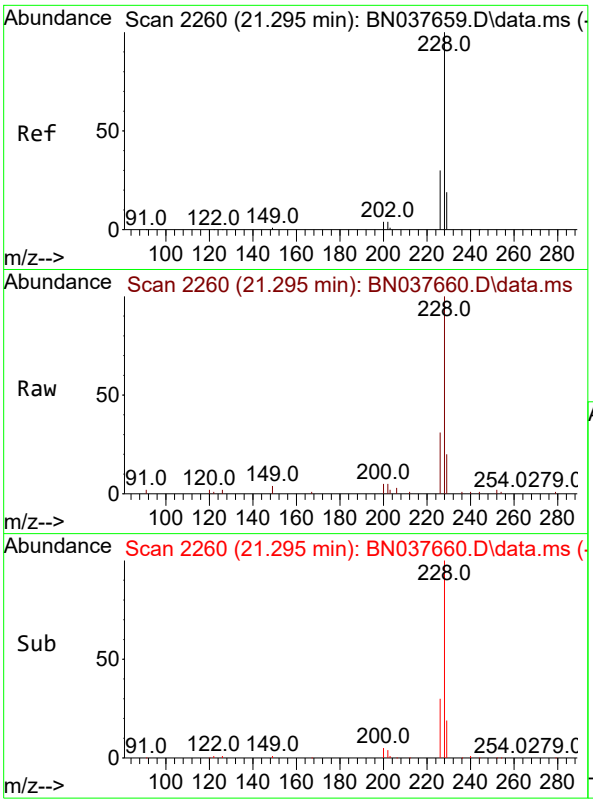


#32
Benzo(a)anthracene
Concen: 0.728 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:228 Resp: 10237

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.8	16.2	24.2



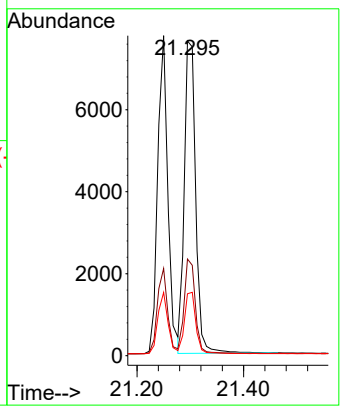


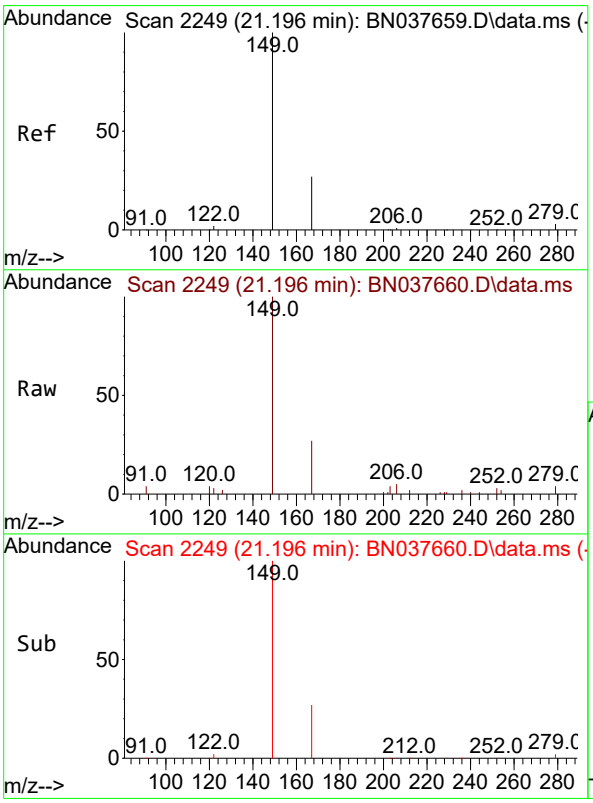
#33
Chrysene
Concen: 0.753 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 11300

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.6	15.7	23.5

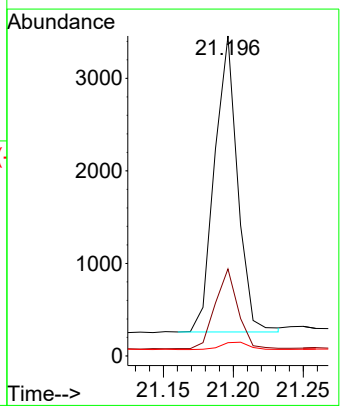


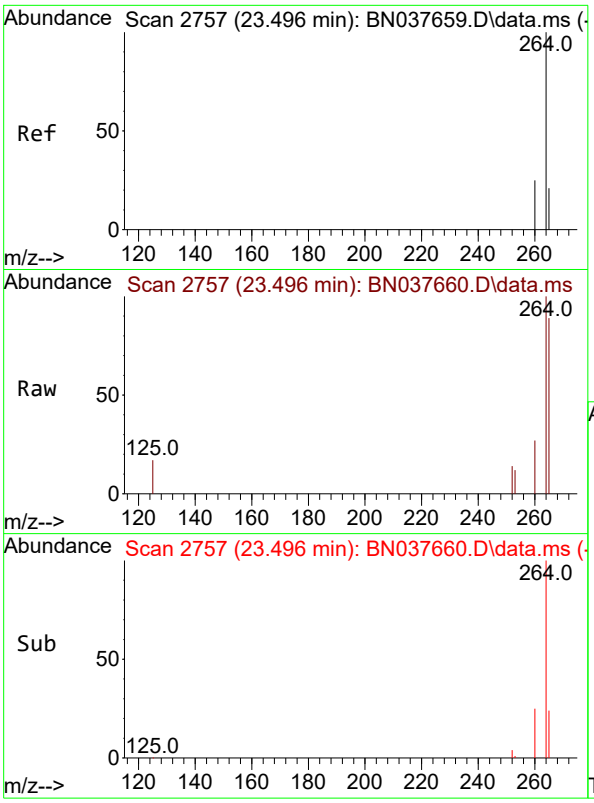


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.762 ng
RT: 21.196 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:149 Resp: 3663

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.7	32.5
279	3.0	2.4	3.6



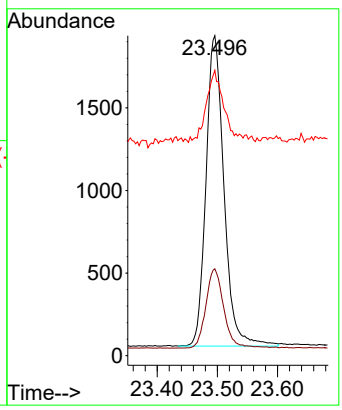


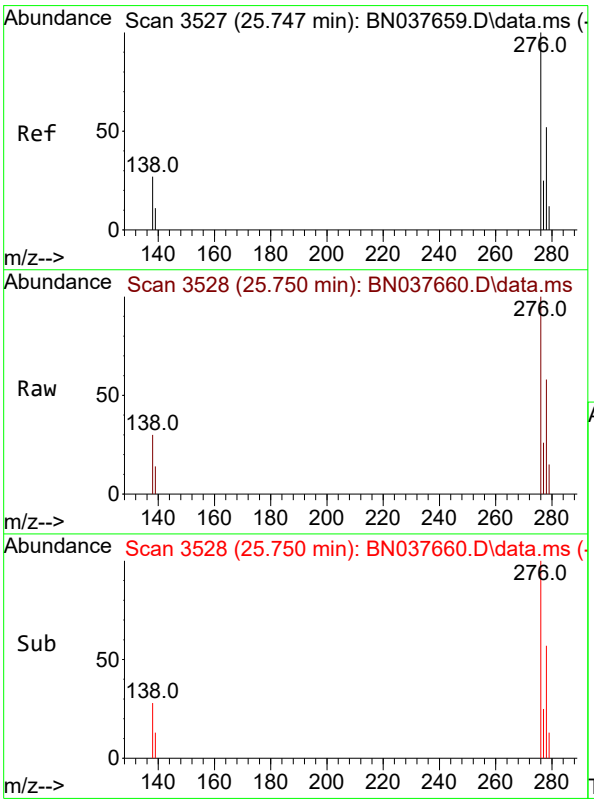
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 3902

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.4
265	89.2	53.7	80.5#

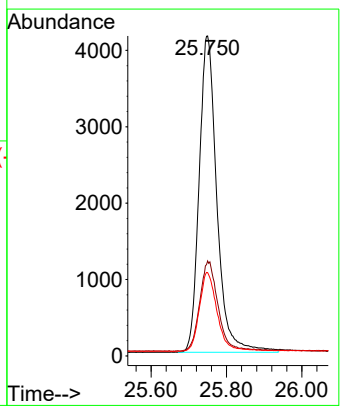


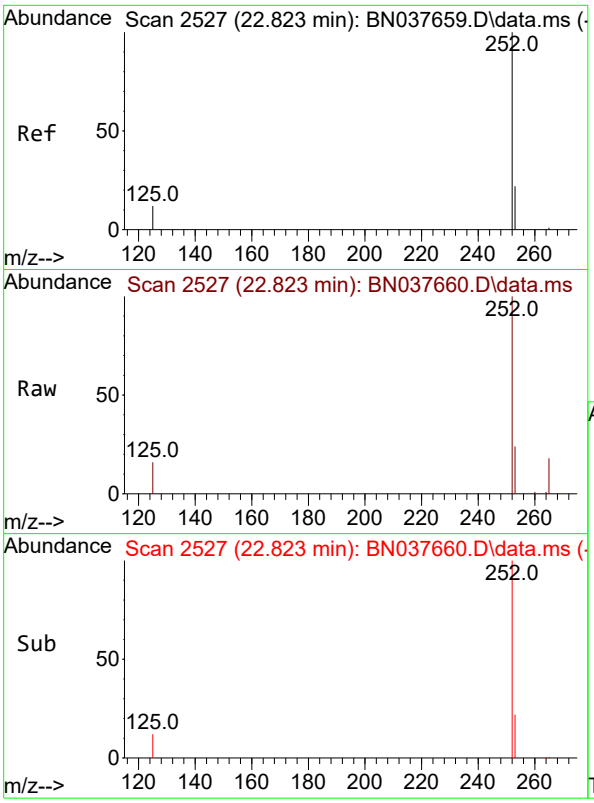


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.735 ng
RT: 25.750 min Scan# 3528
Delta R.T. 0.003 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:276 Resp: 13558

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.7	35.5
277	24.7	20.2	30.2



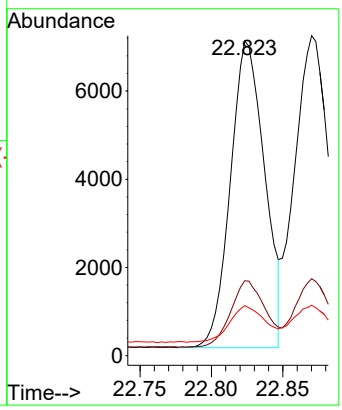


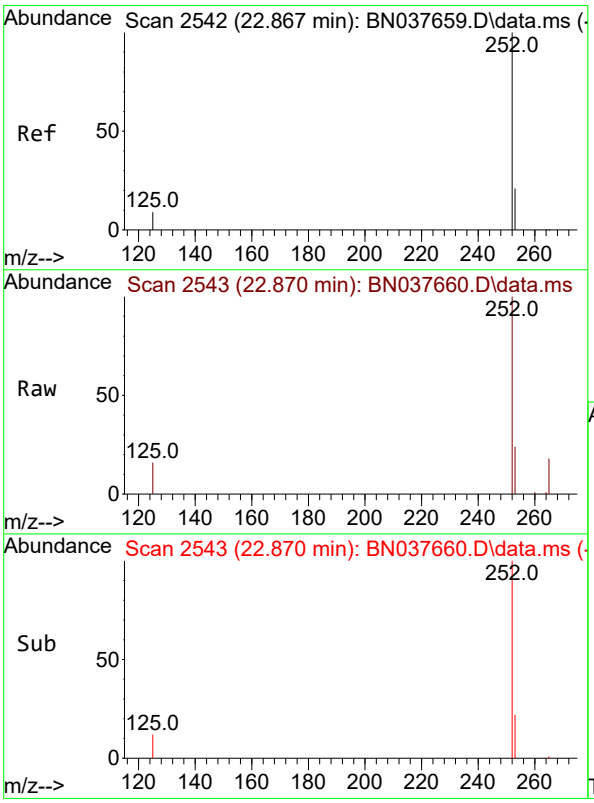
#37
Benzo(b)fluoranthene
Concen: 0.734 ng
RT: 22.823 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 11568

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	15.9	13.9	20.9

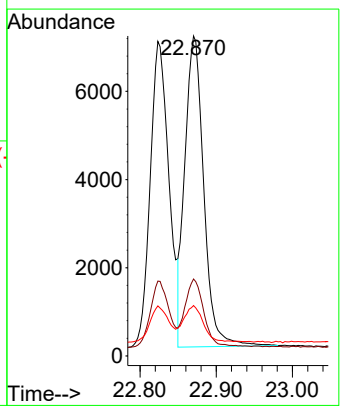


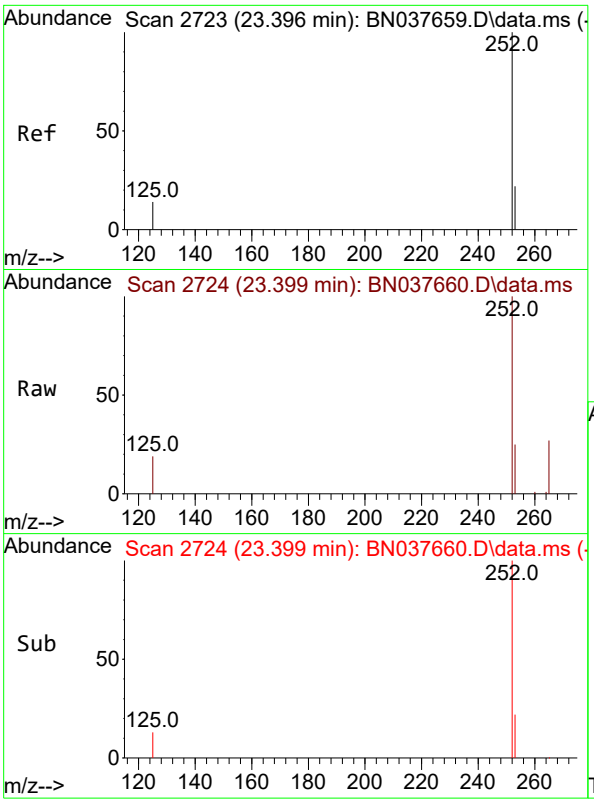


#38
Benzo(k)fluoranthene
Concen: 0.735 ng
RT: 22.870 min Scan# 2543
Delta R.T. 0.003 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:252 Resp: 12145

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	15.8	13.7	20.5



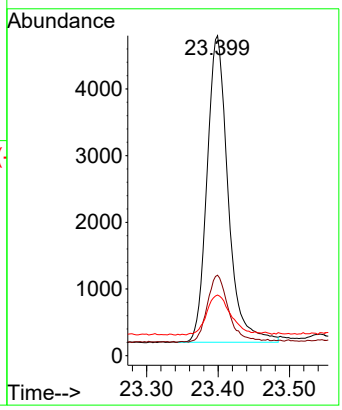


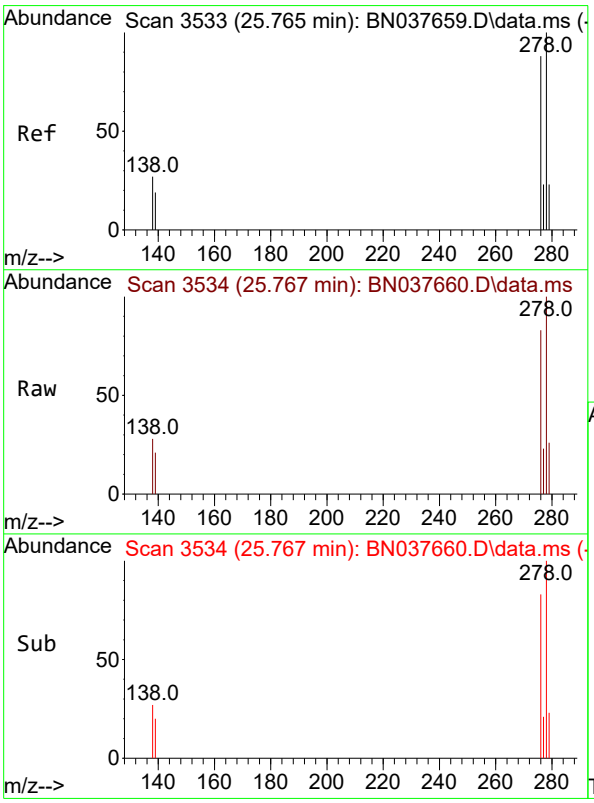
#39
Benzo(a)pyrene
Concen: 0.721 ng
RT: 23.399 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 9421

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.1	31.7
125	19.0	17.5	26.3

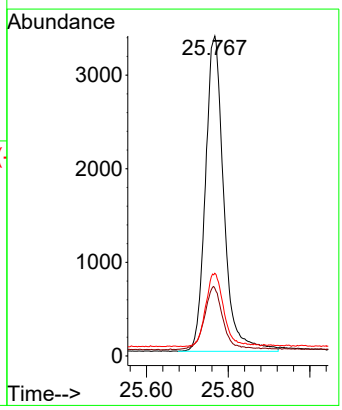


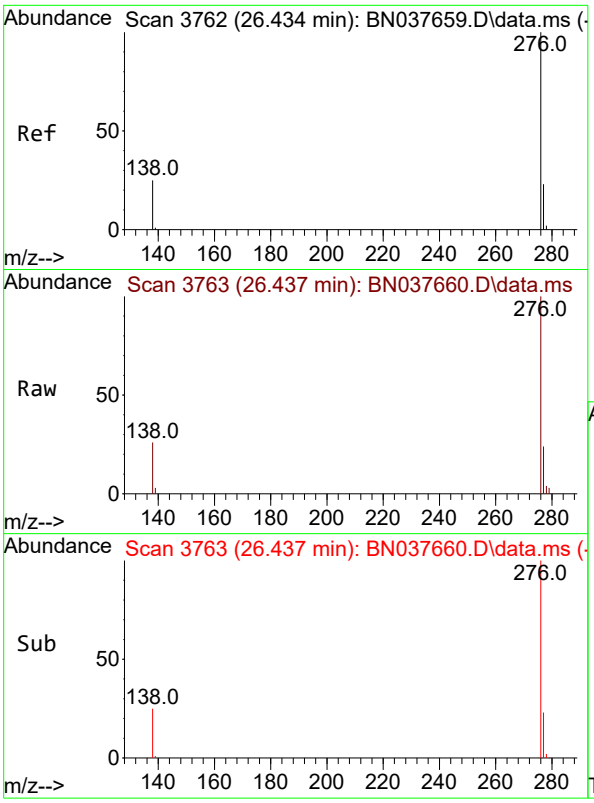


#40
Dibenzo(a,h)anthracene
Concen: 0.732 ng
RT: 25.767 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Tgt Ion:278 Resp: 10524

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.7	26.5
279	25.9	21.1	31.7





#41
Benzo(g,h,i)perylene
Concen: 0.746 ng
RT: 26.437 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037660.D
Acq: 04 Sep 2025 15:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 11567

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.1	30.1
138	26.0	21.8	32.6