Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037885.D
Acq On : 25 Sep 2025 12:44
Operator : RC/JU
Sample : PB169712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Quant Time: Sep 25 13:29:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7082	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19552	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	9660	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	19122	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15460	0.400	ng	0.00
35) Perylene-d12	23.733	264	13073	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	5925	0.367	ng	0.00
5) Phenol-d6	6.981	99	7709	0.363	ng	0.00
8) Nitrobenzene-d5	8.971	82	5697	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9582	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1148	0.313	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15472	0.391	ng	0.00
27) Fluoranthene-d10	19.253	212	16458	0.342	ng	0.00
31) Terphenyl-d14	19.852	244	12280	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2267	0.315	ng	# 63
3) n-Nitrosodimethylamine	3.601	42	3436	0.359	ng	# 91
6) bis(2-Chloroethyl)ether	7.241	93	7371	0.374	ng	99
9) Naphthalene	10.669	128	19377	0.360	ng	100
10) Hexachlorobutadiene	10.979	225	3383	0.368	ng	# 98
12) 2-Methylnaphthalene	12.293	142	11047	0.314	ng	99
16) Acenaphthylene	14.195	152	16873	0.385	ng	100
17) Acenaphthene	14.537	154	10998	0.352	ng	99
18) Fluorene	15.523	166	13577	0.359	ng	97
20) 4,6-Dinitro-2-methylph...	15.597	198	798	0.392	ng	97
21) 4-Bromophenyl-phenylether	16.416	248	4261	0.342	ng	100
22) Hexachlorobenzene	16.540	284	5565	0.368	ng	100
23) Atrazine	16.689	200	3072	0.324	ng	98
24) Pentachlorophenol	16.876	266	2586	0.499	ng	94
25) Phenanthrene	17.260	178	22894	0.364	ng	99
26) Anthracene	17.360	178	19907	0.365	ng	100
28) Fluoranthene	19.285	202	23355	0.337	ng	99
30) Pyrene	19.647	202	23008	0.377	ng	100
32) Benzo(a)anthracene	21.384	228	20382	0.377	ng	99
33) Chrysene	21.438	228	22553	0.386	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	6759	0.316	ng	99
36) Indeno(1,2,3-cd)pyrene	26.107	276	21870	0.366	ng	99
37) Benzo(b)fluoranthene	23.028	252	21060	0.374	ng	99
38) Benzo(k)fluoranthene	23.072	252	21159	0.373	ng	99
39) Benzo(a)pyrene	23.628	252	17352	0.389	ng	99
40) Dibenzo(a,h)anthracene	26.124	278	16856	0.361	ng	99
41) Benzo(g,h,i)perylene	26.832	276	17953	0.366	ng	99

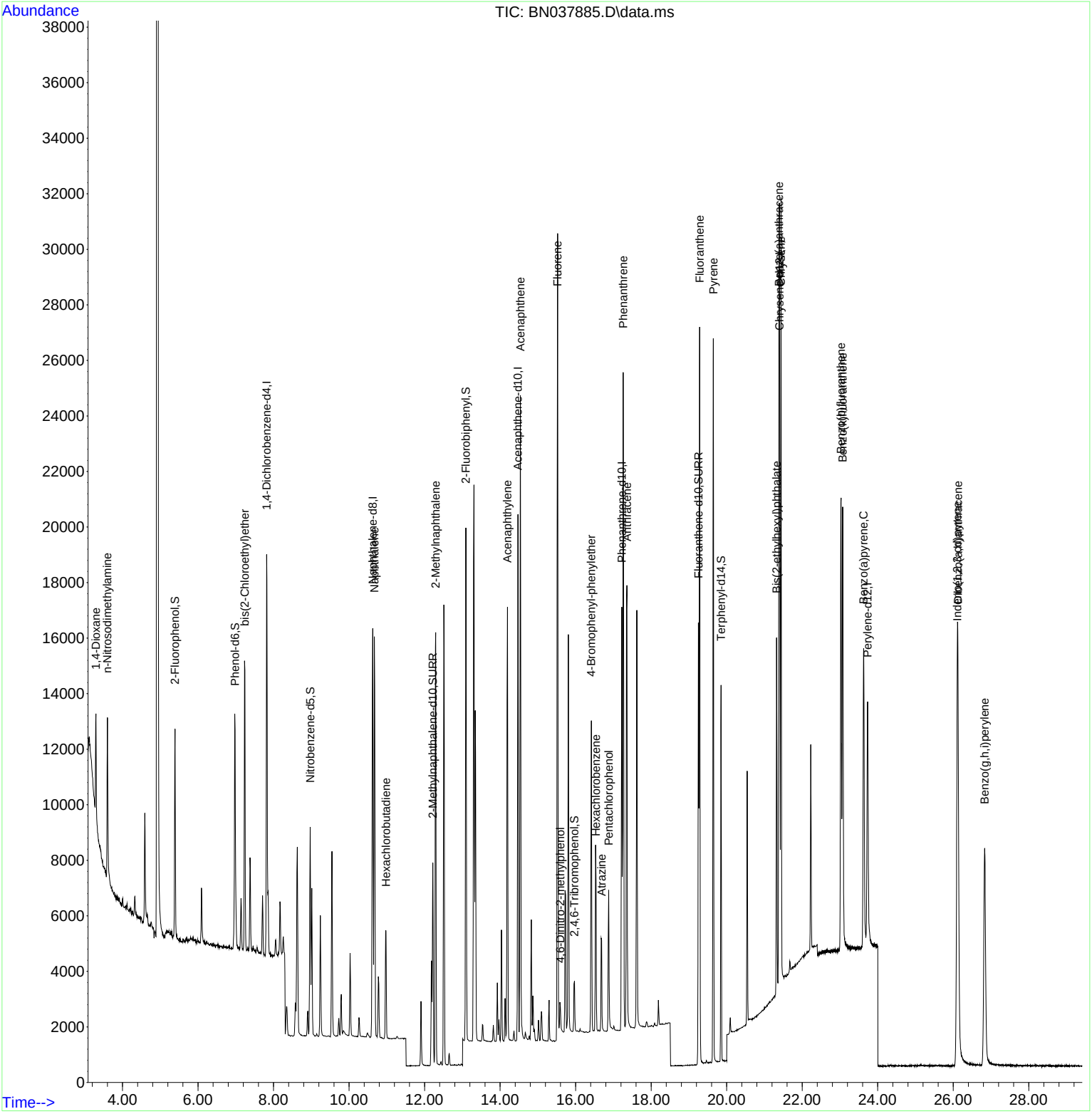
(#) = qualifier out of range (m) = manual integration (+) = signals summed

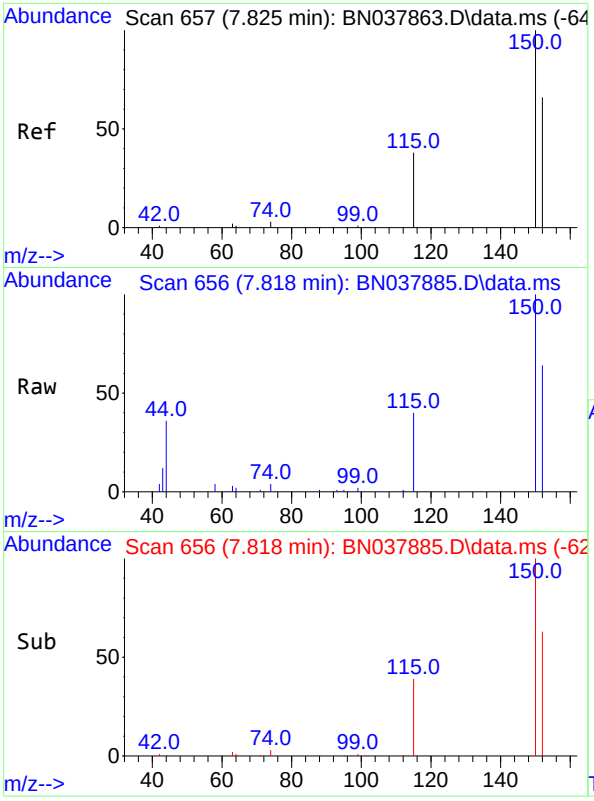
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037885.D
Acq On : 25 Sep 2025 12:44
Operator : RC/JU
Sample : PB169712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Quant Time: Sep 25 13:29:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



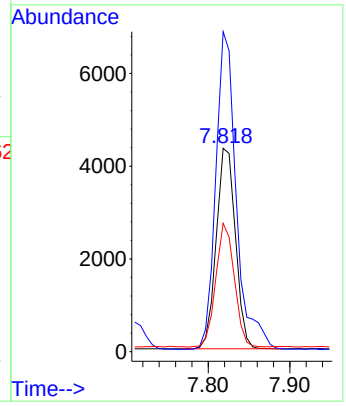


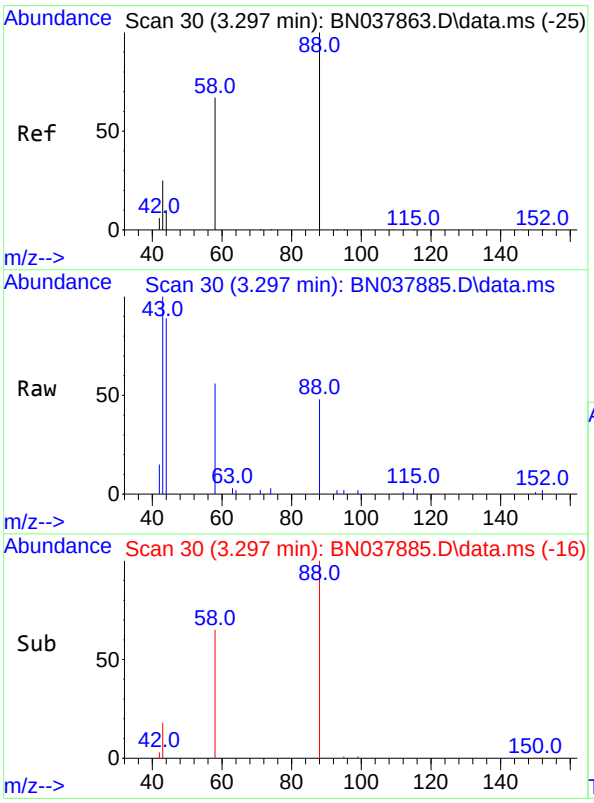
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:152 Resp: 7082

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.0	181.4
115	63.1	47.4	71.0

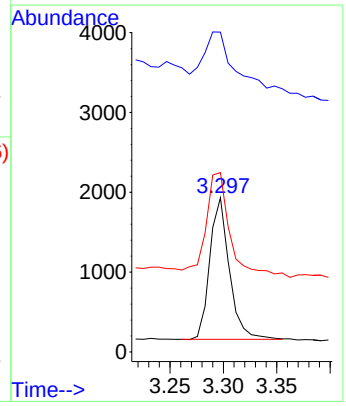


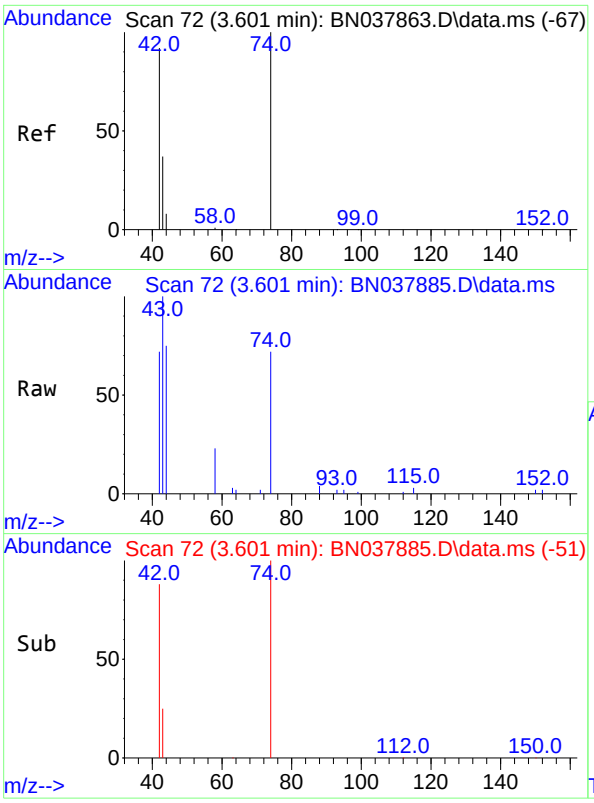


#2
1,4-Dioxane
Concen: 0.315 ng
RT: 3.297 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion: 88 Resp: 2267

Ion	Ratio	Lower	Upper
88	100		
43	72.5	26.6	39.8#
58	92.1	58.9	88.3#



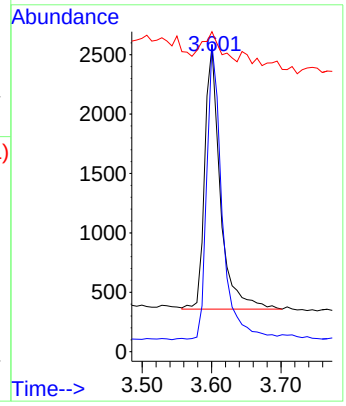


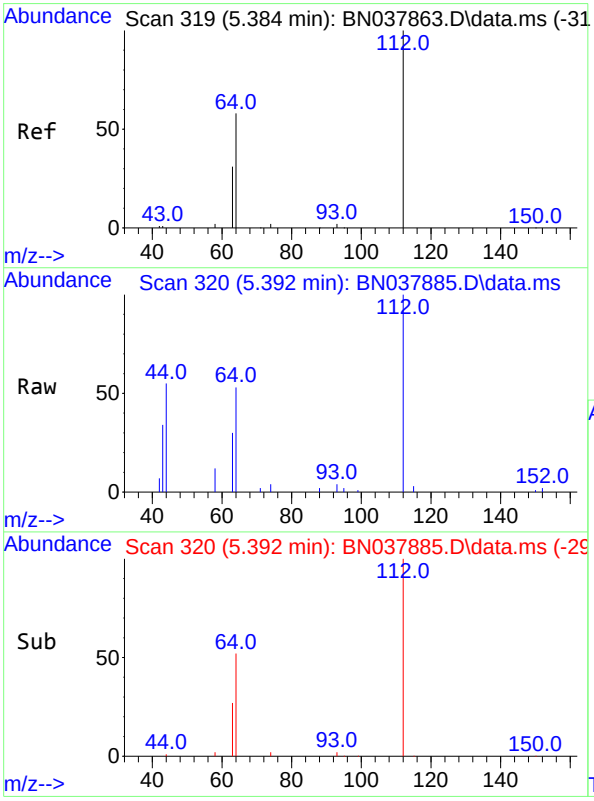
#3
n-Nitrosodimethylamine
Concen: 0.359 ng
RT: 3.601 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion: 42 Resp: 3436

Ion	Ratio	Lower	Upper
42	100		
74	111.8	93.4	140.0
44	12.7	22.2	33.4#

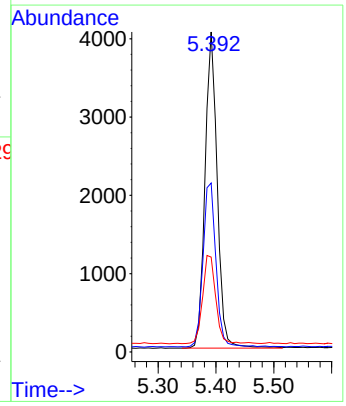


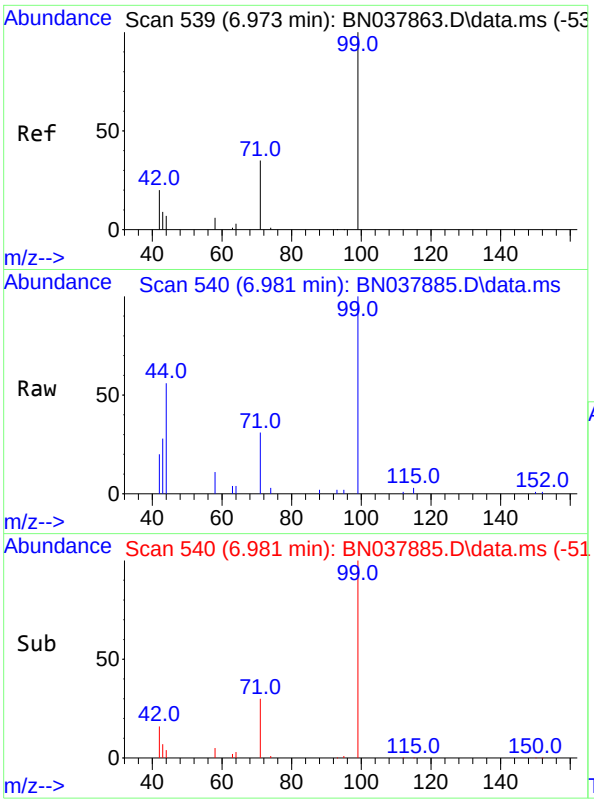


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:112 Resp: 5925

Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.6	66.8
63	29.8	24.9	37.3



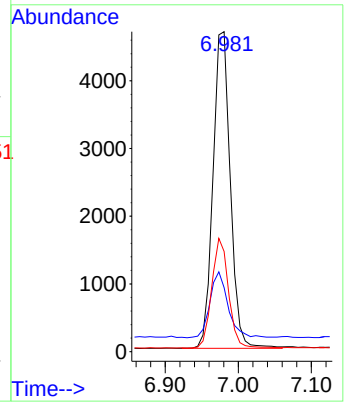


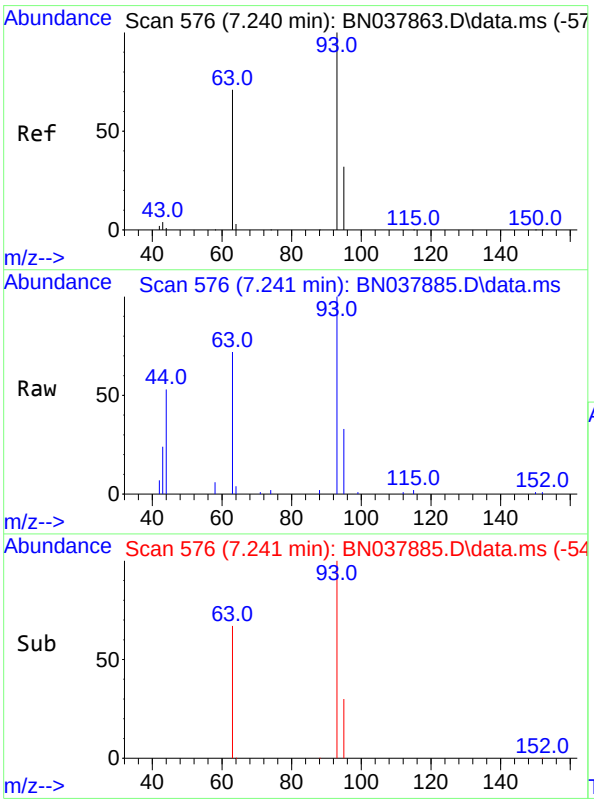
#5
Phenol-d6
Concen: 0.363 ng
RT: 6.981 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion: 99 Resp: 7709

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.2	25.8
71	33.7	27.3	40.9

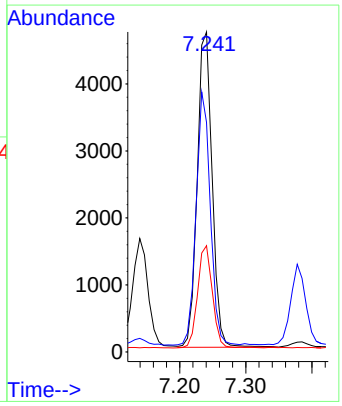


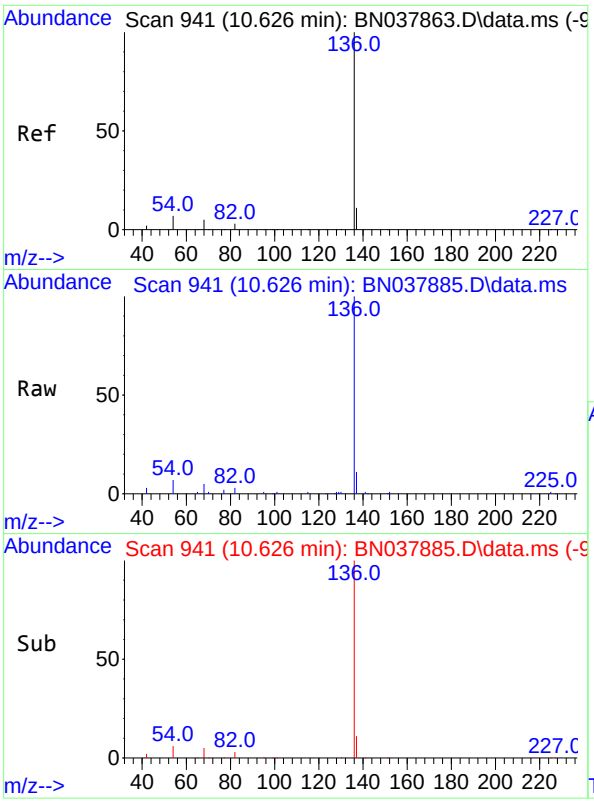


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.241 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion: 93 Resp: 7371

Ion	Ratio	Lower	Upper
93	100		
63	76.5	60.1	90.1
95	32.2	25.4	38.2



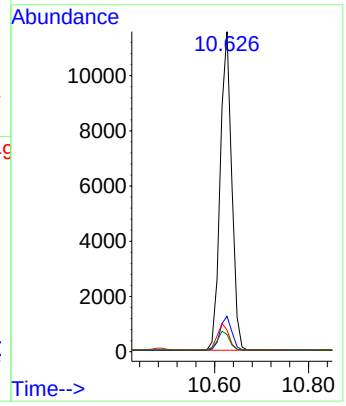


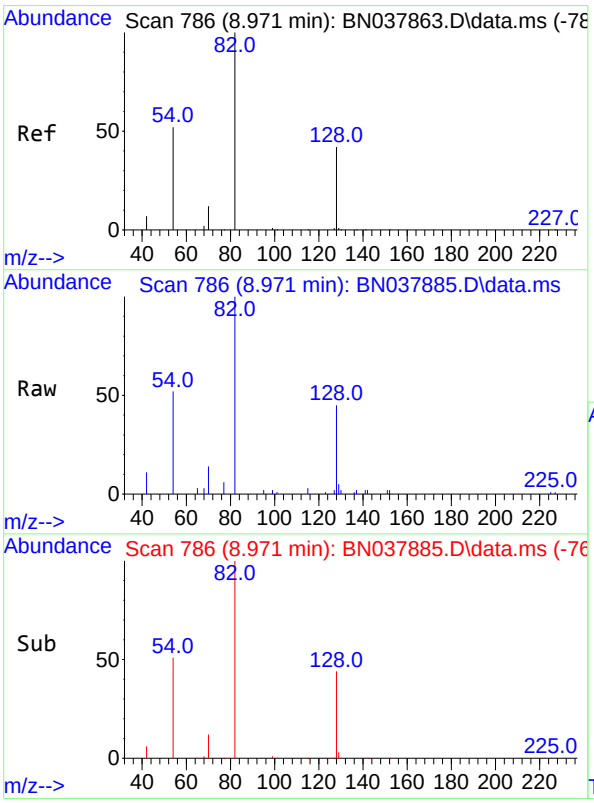
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:136 Resp: 19552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.8	8.8
68	5.4	4.3	6.5

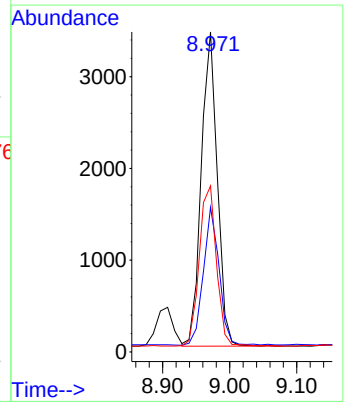


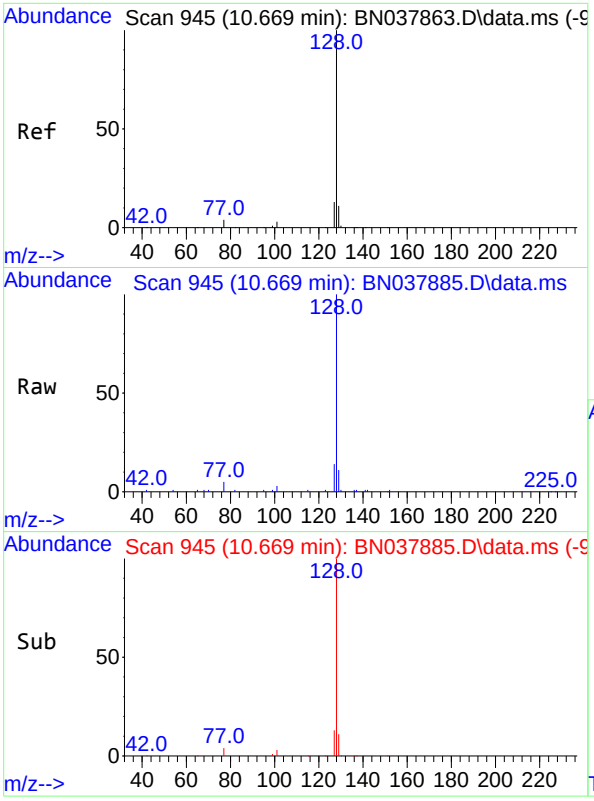


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion: 82 Resp: 5697

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.8	52.2
54	51.9	42.2	63.2



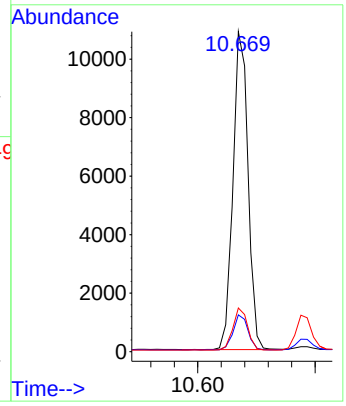


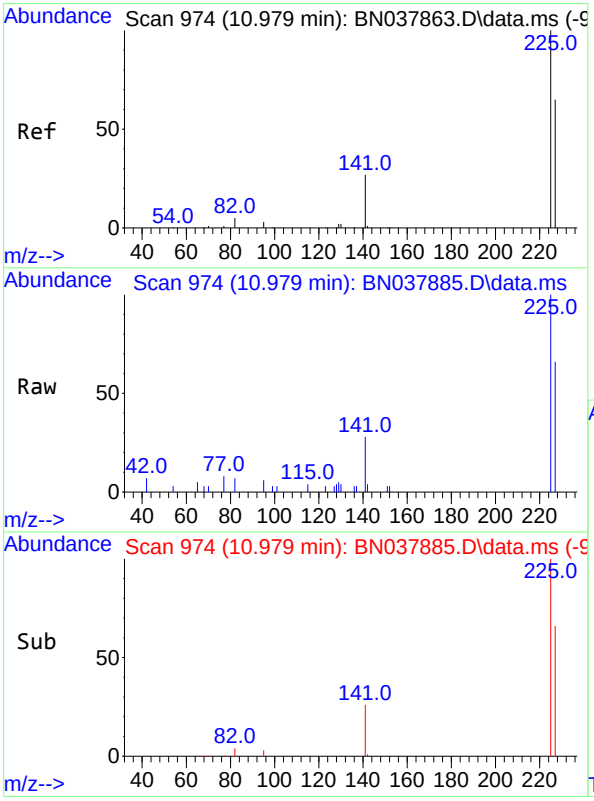
#9
Naphthalene
Concen: 0.360 ng
RT: 10.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:128 Resp: 19377

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.7	11.0	16.6

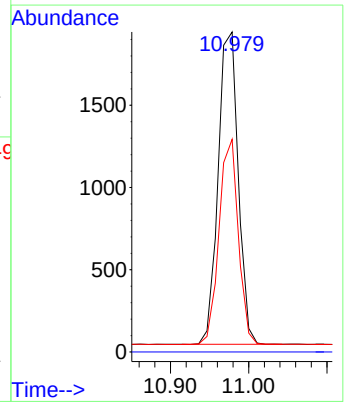


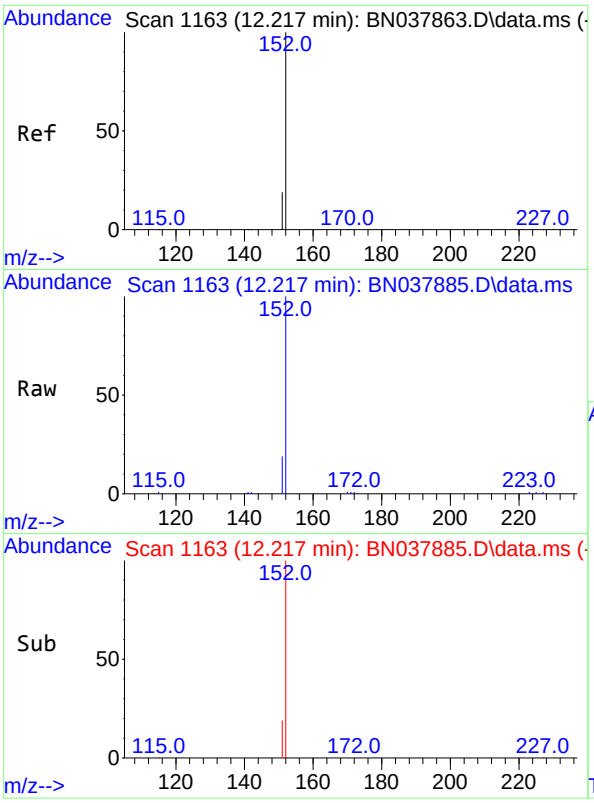


#10
Hexachlorobutadiene
Concen: 0.368 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:225 Resp: 3383

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.4	77.2



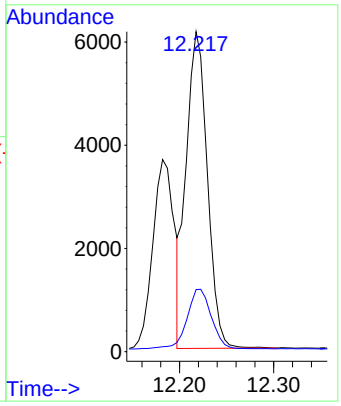


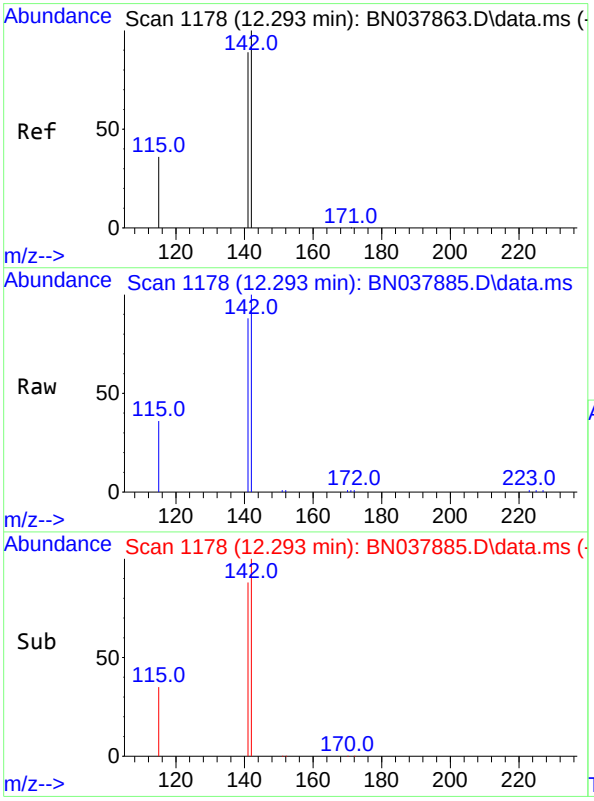
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.217 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:152 Resp: 9582

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.2

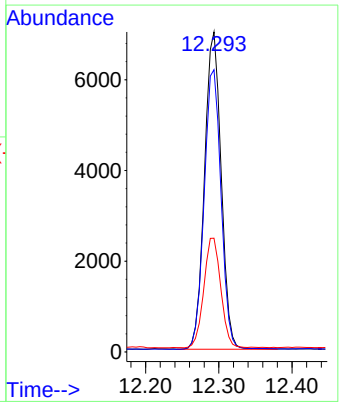


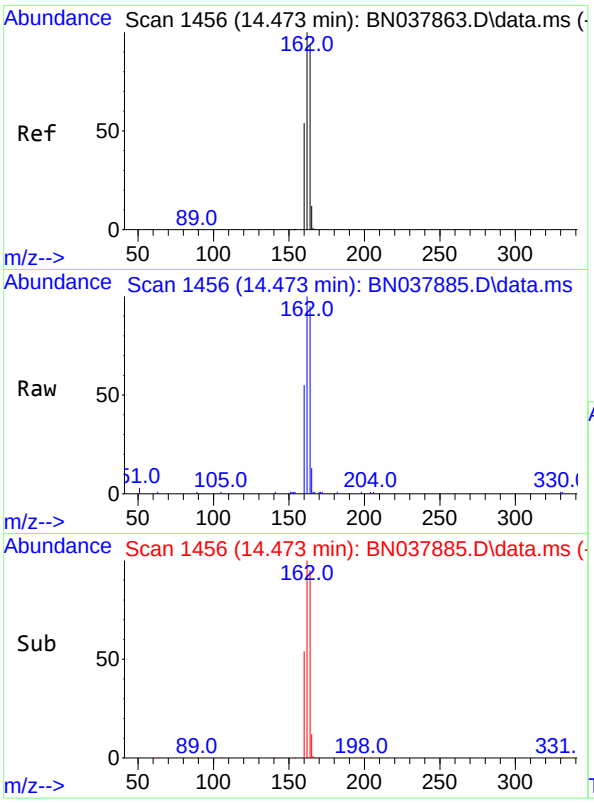


#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.293 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:142 Resp: 11047

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8
115	35.6	29.7	44.5



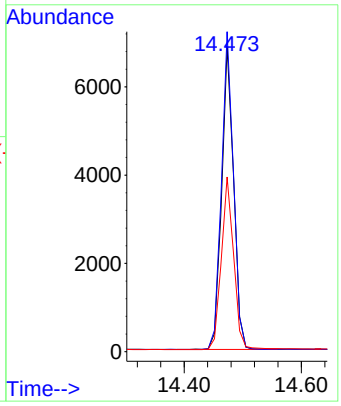


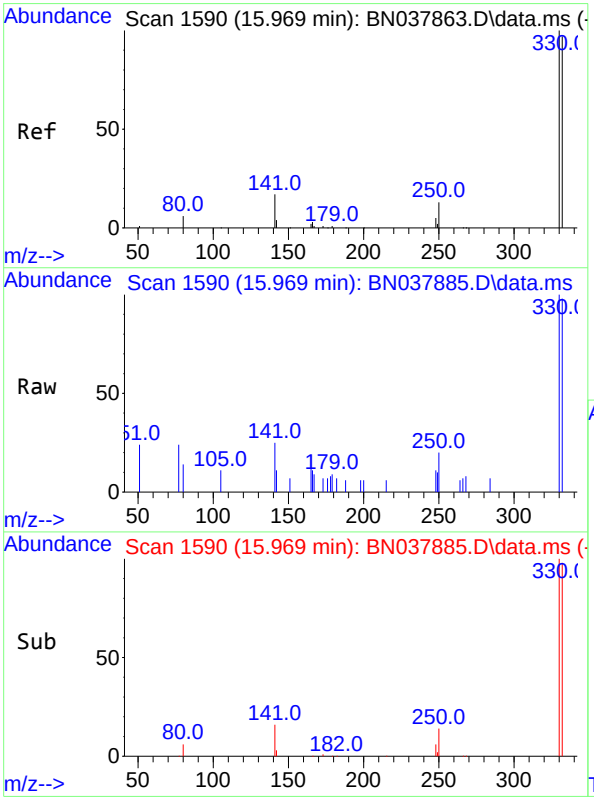
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:164 Resp: 9660

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.8	127.2
160	57.3	46.1	69.1

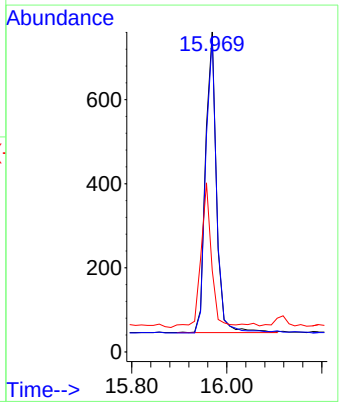


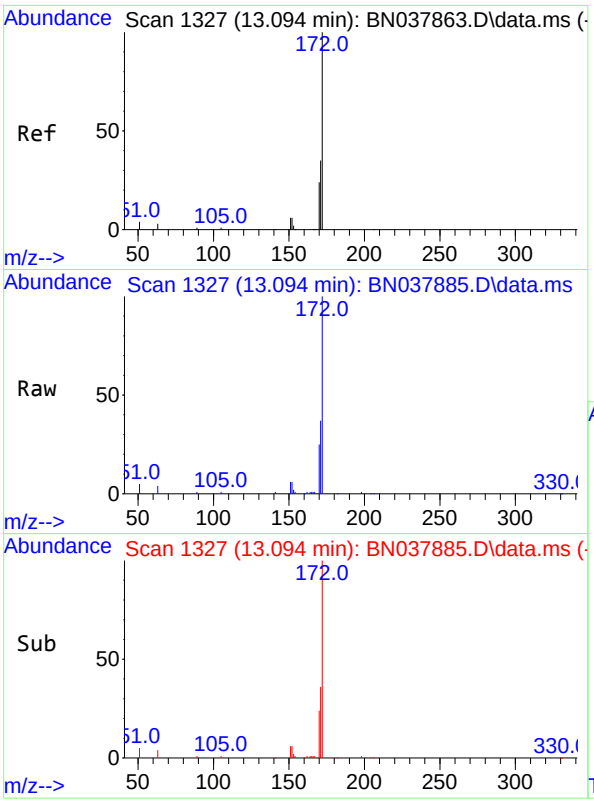


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:330 Resp: 1148

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.2	115.8
141	46.7	37.2	55.8



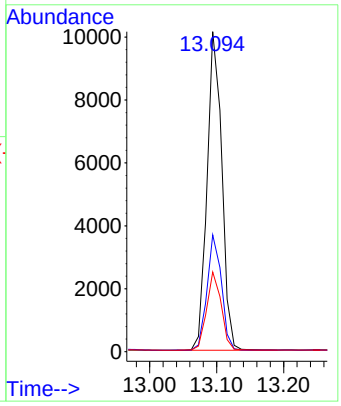


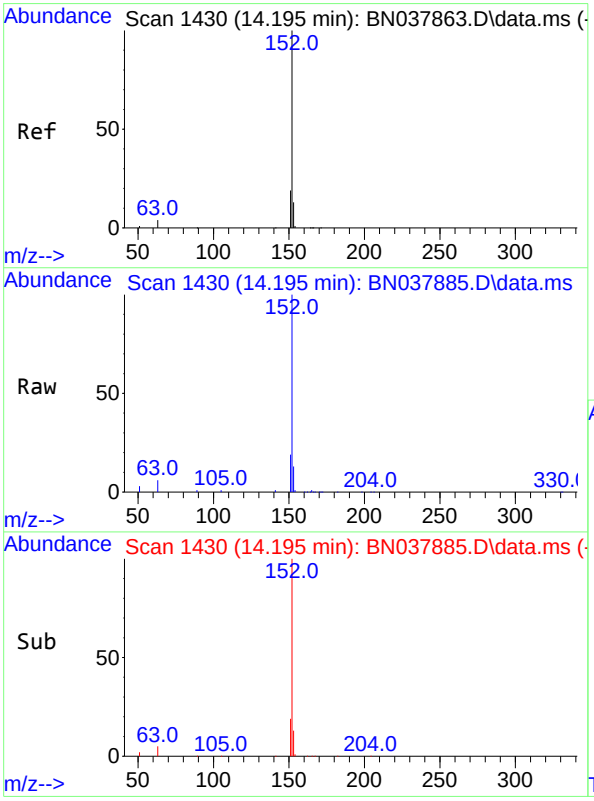
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:172 Resp: 15472

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.9	19.7	29.5

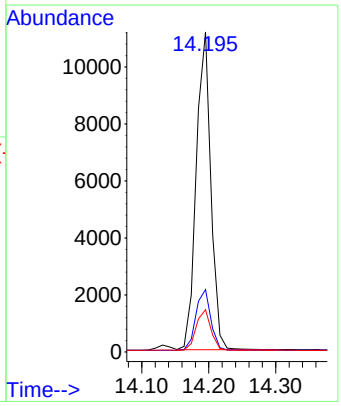


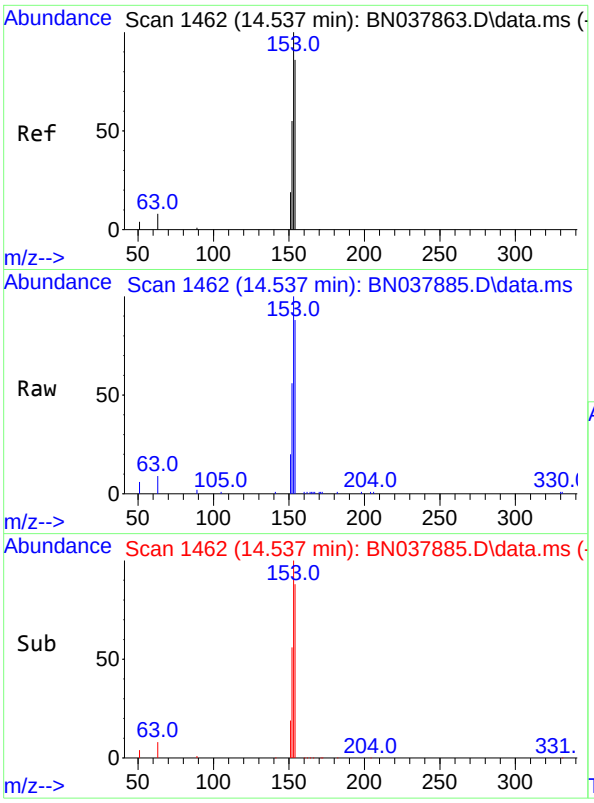


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.195 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:152 Resp: 16873

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.9	10.5	15.7



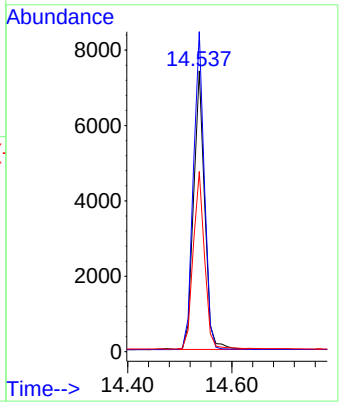


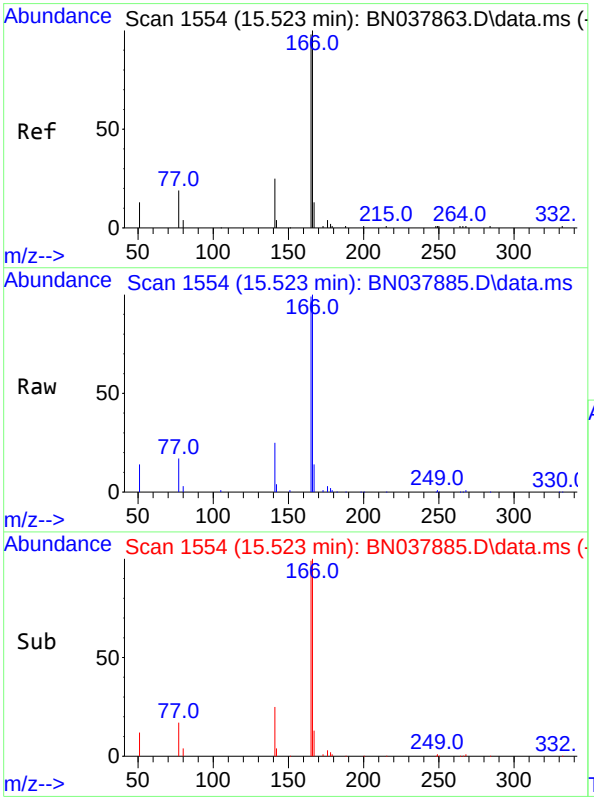
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.537 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:154 Resp: 10998

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.5	135.7
152	65.5	51.8	77.8

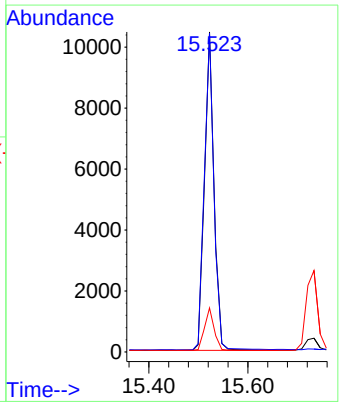


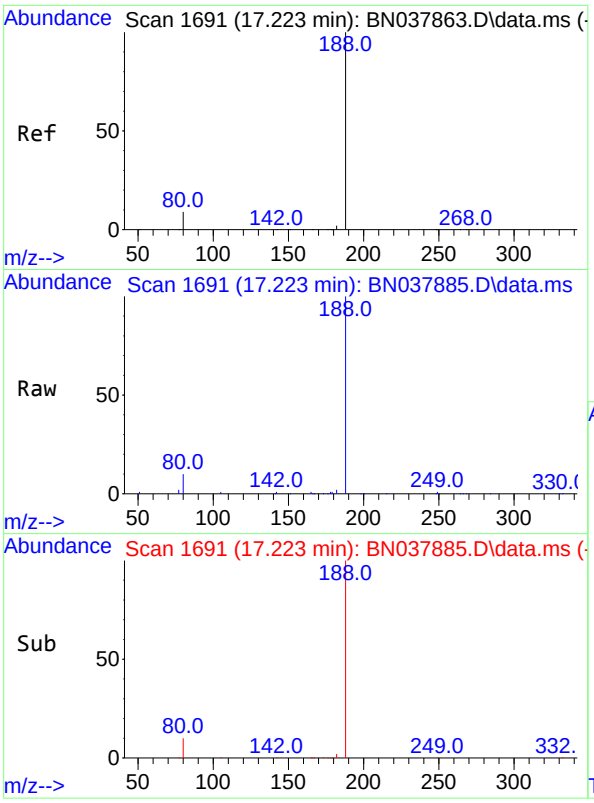


#18
Fluorene
Concen: 0.359 ng
RT: 15.523 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:166 Resp: 13577

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.0	118.4
167	13.3	10.6	16.0



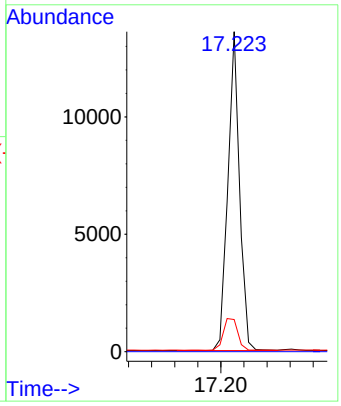


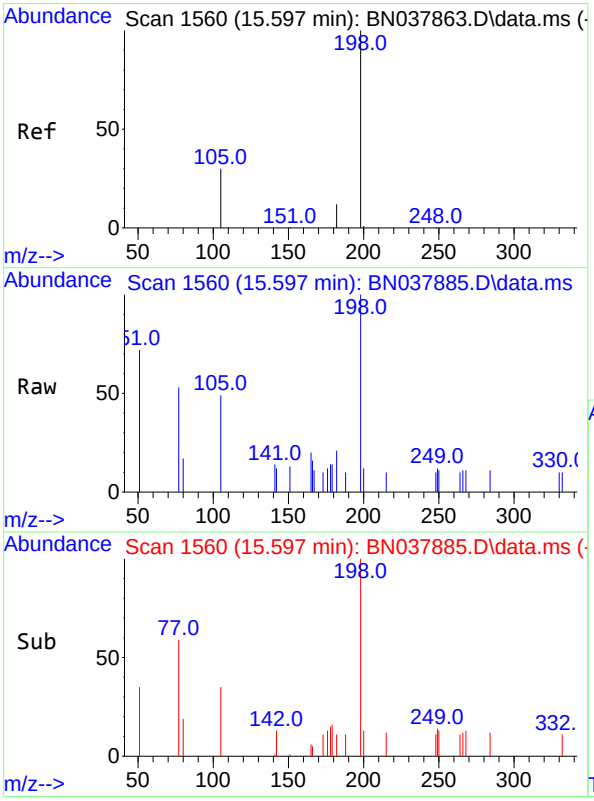
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:188 Resp: 19122

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.6	11.4

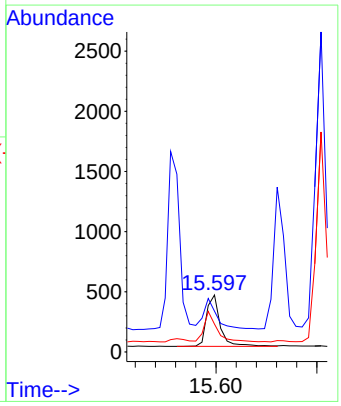


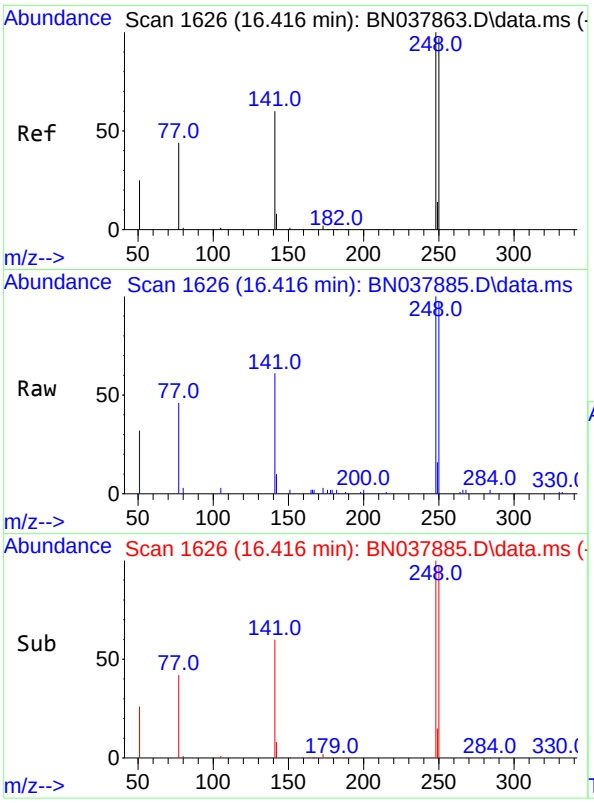


#20
4,6-Dinitro-2-methylphenol
Concen: 0.392 ng
RT: 15.597 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:198 Resp: 798

Ion	Ratio	Lower	Upper
198	100		
51	71.7	59.1	88.7
105	48.8	41.3	61.9



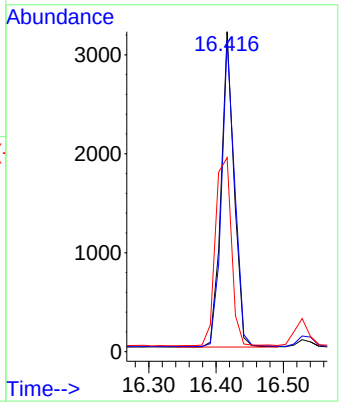


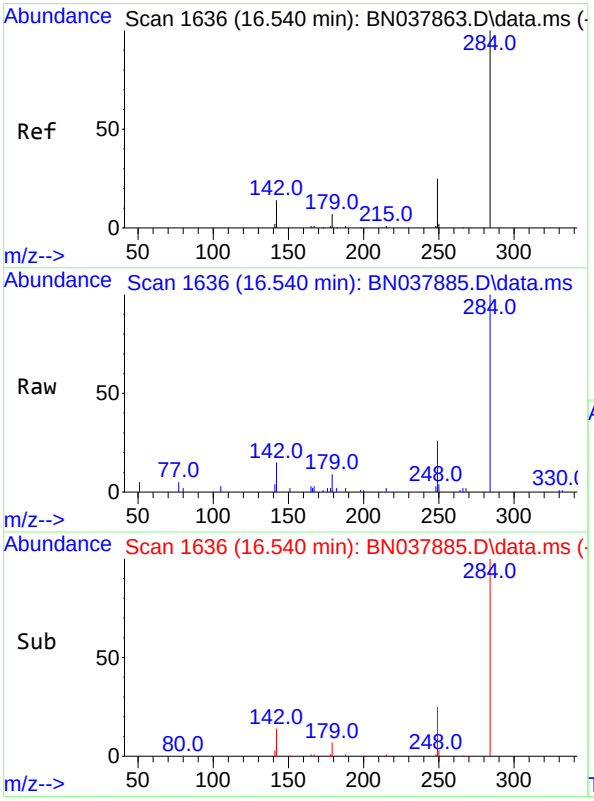
#21
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:248 Resp: 4261

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	60.7	48.8	73.2

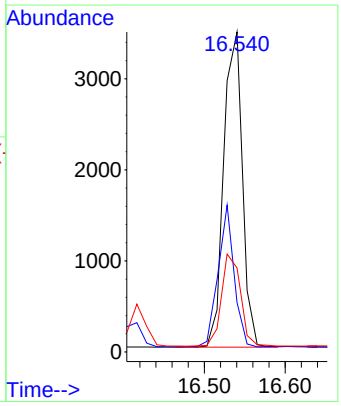


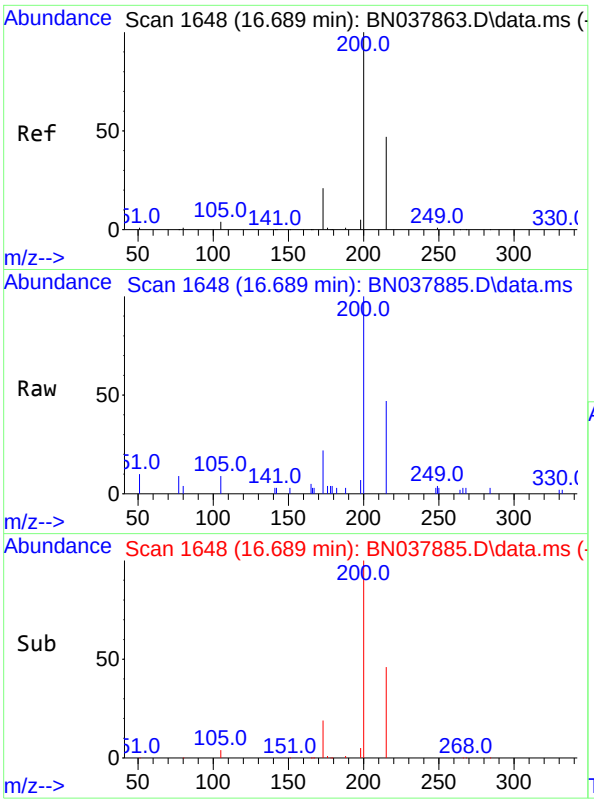


#22
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.540 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:284 Resp: 5565

Ion	Ratio	Lower	Upper
284	100		
142	38.6	30.9	46.3
249	29.8	23.9	35.9



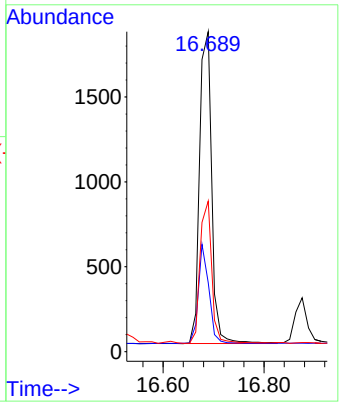


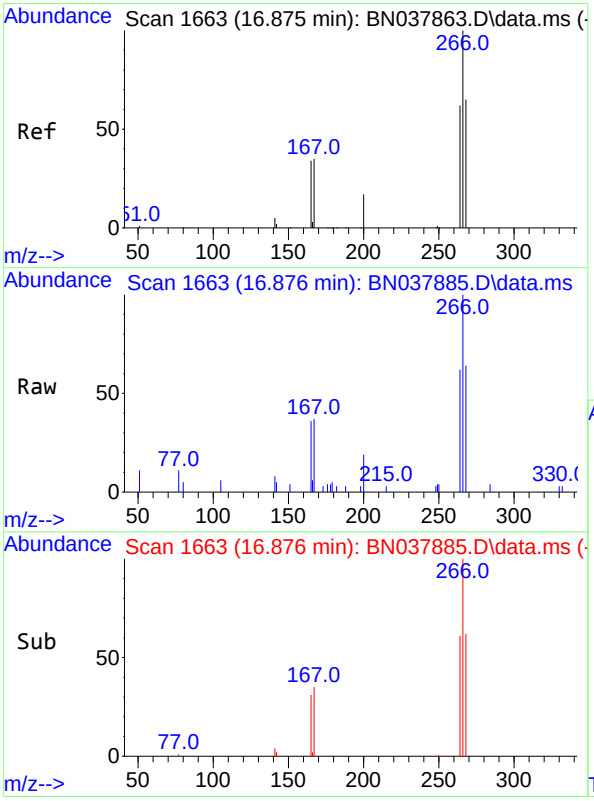
#23
Atrazine
Concen: 0.324 ng
RT: 16.689 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:200 Resp: 3072

Ion	Ratio	Lower	Upper
200	100		
173	21.5	18.3	27.5
215	47.1	38.6	58.0

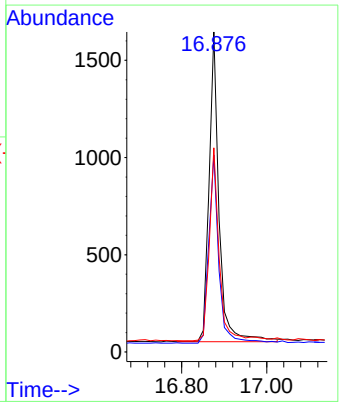


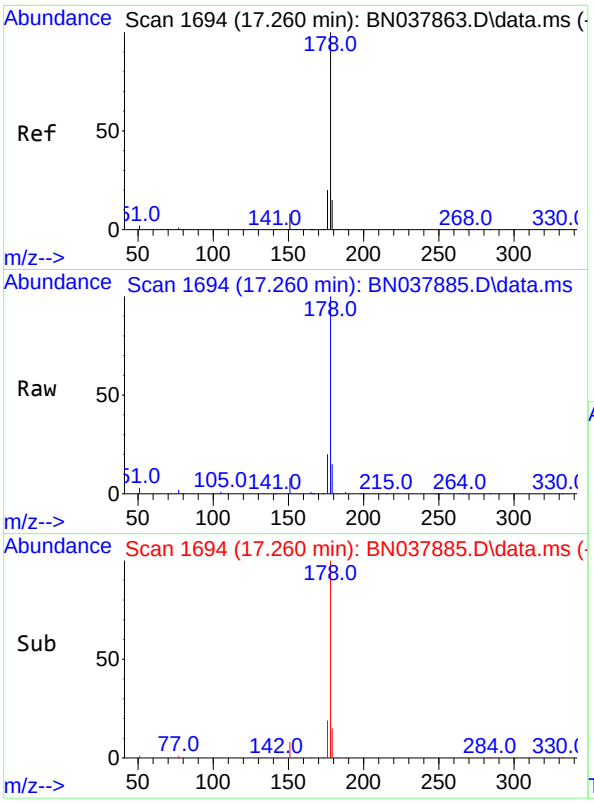


#24
Pentachlorophenol
Concen: 0.499 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:266 Resp: 2586

Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.9	76.3
268	61.9	54.3	81.5



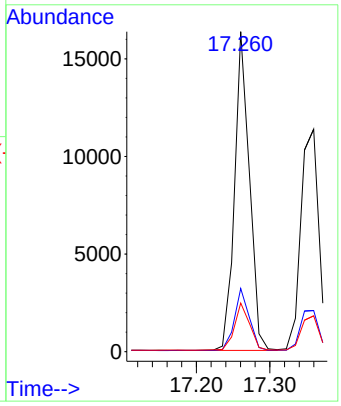


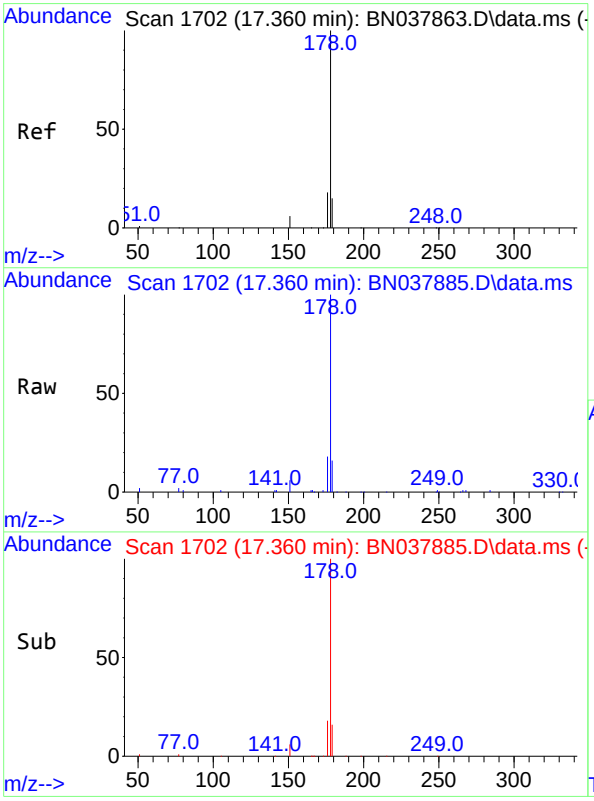
#25
Phenanthrene
Concen: 0.364 ng
RT: 17.260 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:178 Resp: 22894

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.2	12.3	18.5

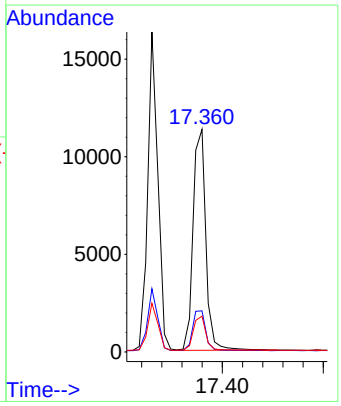


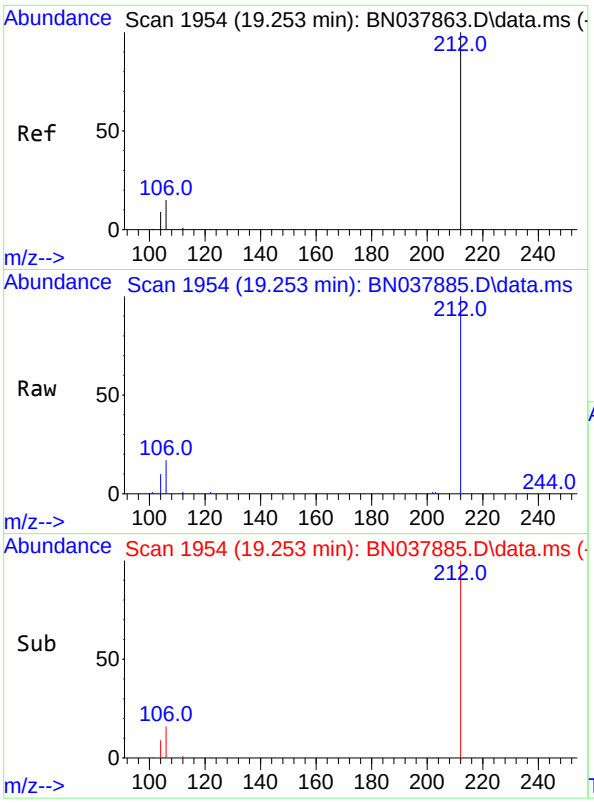


#26
Anthracene
Concen: 0.365 ng
RT: 17.360 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:178 Resp: 19907

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.3	18.5



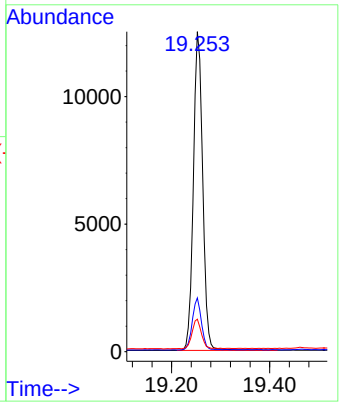


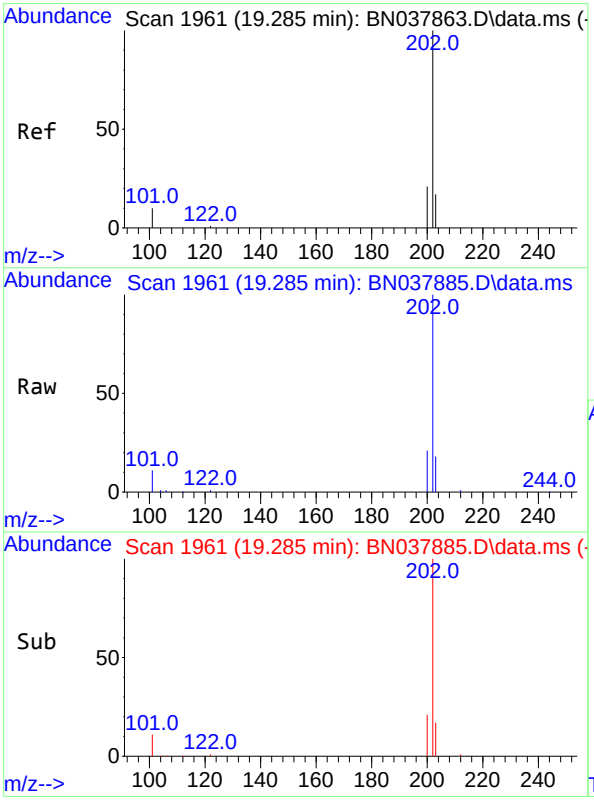
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:212 Resp: 16458

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.3	7.4	11.0

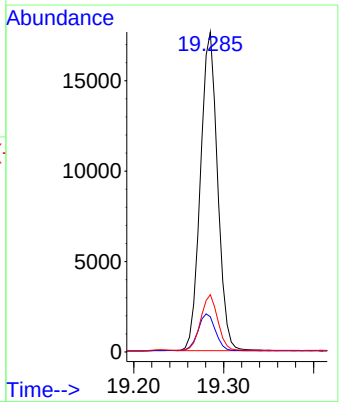


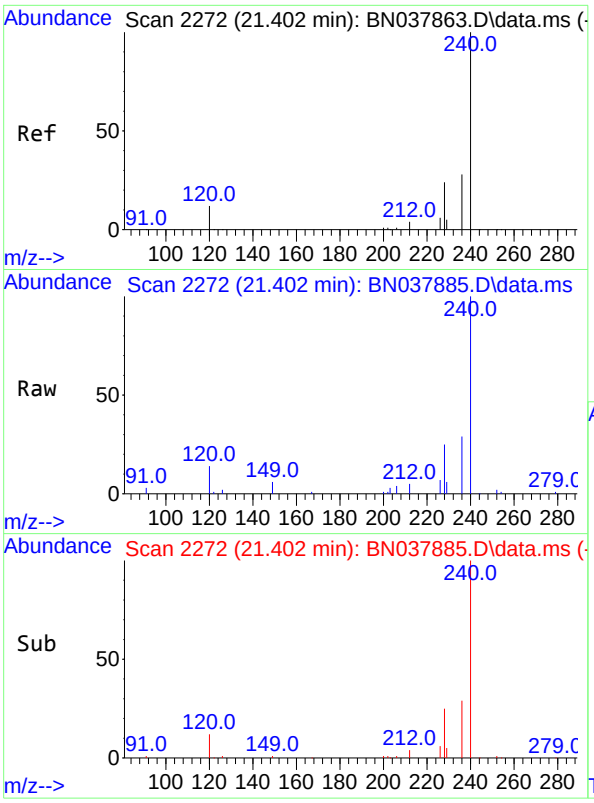


#28
Fluoranthene
Concen: 0.337 ng
RT: 19.285 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:202 Resp: 23355

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
203	17.3	13.6	20.4



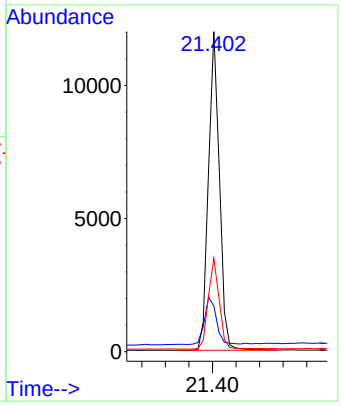


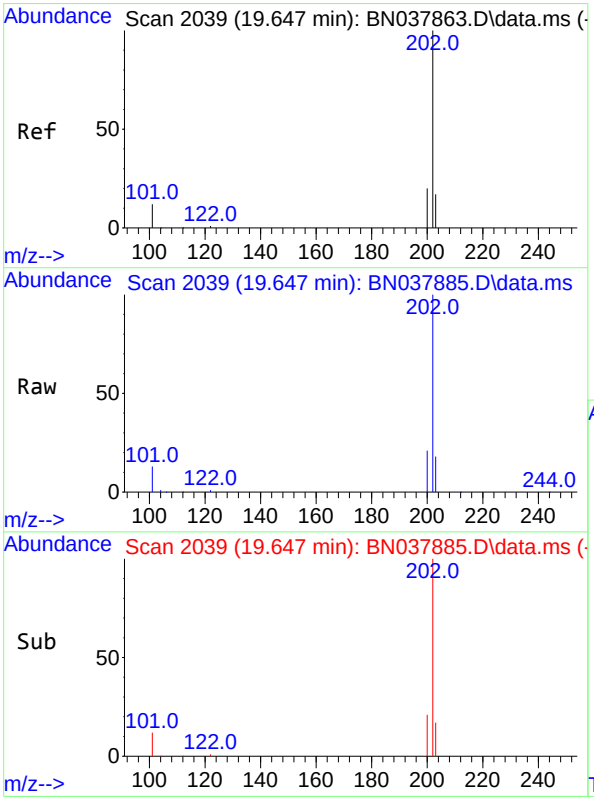
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:240 Resp: 15460

Ion	Ratio	Lower	Upper
240	100		
120	14.3	11.4	17.2
236	29.2	23.0	34.6

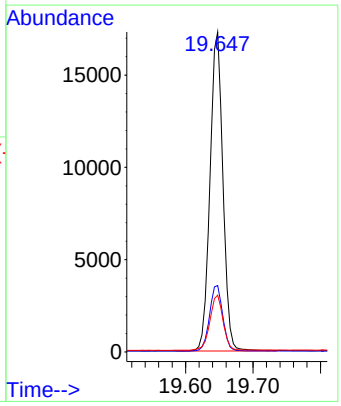


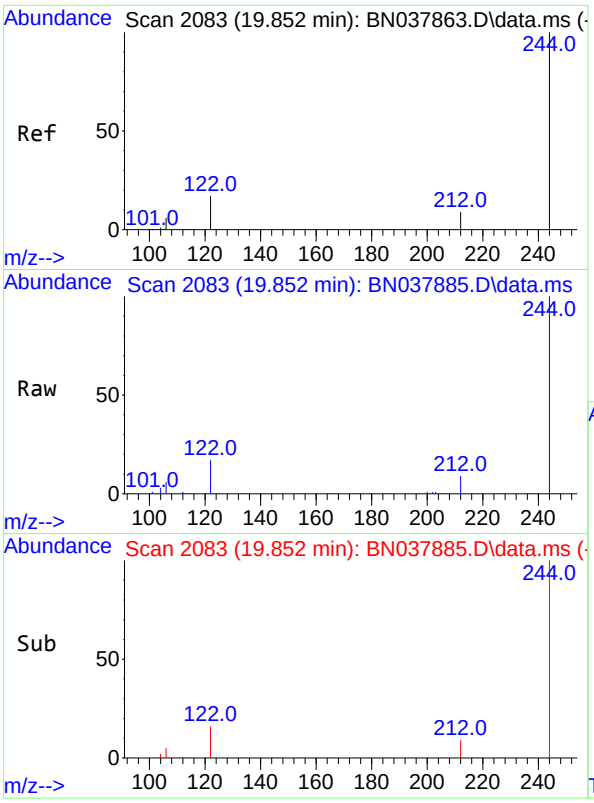


#30
Pyrene
Concen: 0.377 ng
RT: 19.647 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:202 Resp: 23008

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.8	14.2	21.4



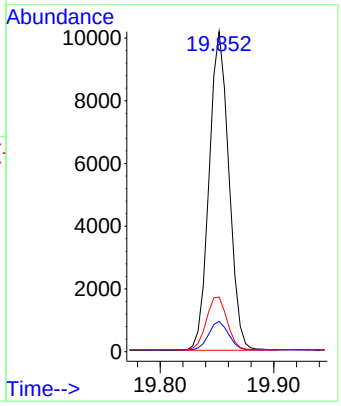


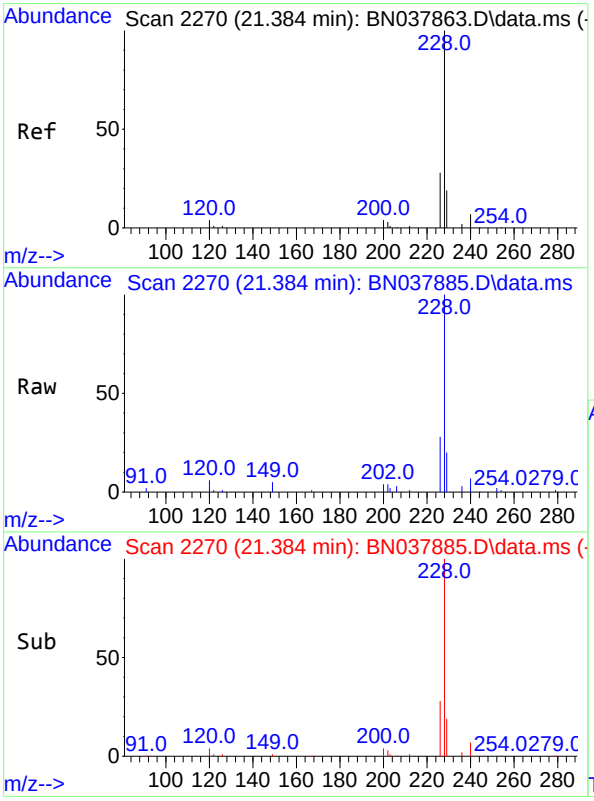
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.852 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:244 Resp: 12280

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	17.1	13.9	20.9

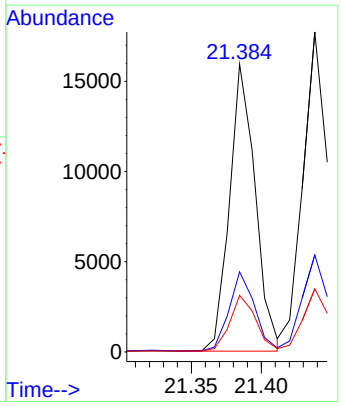


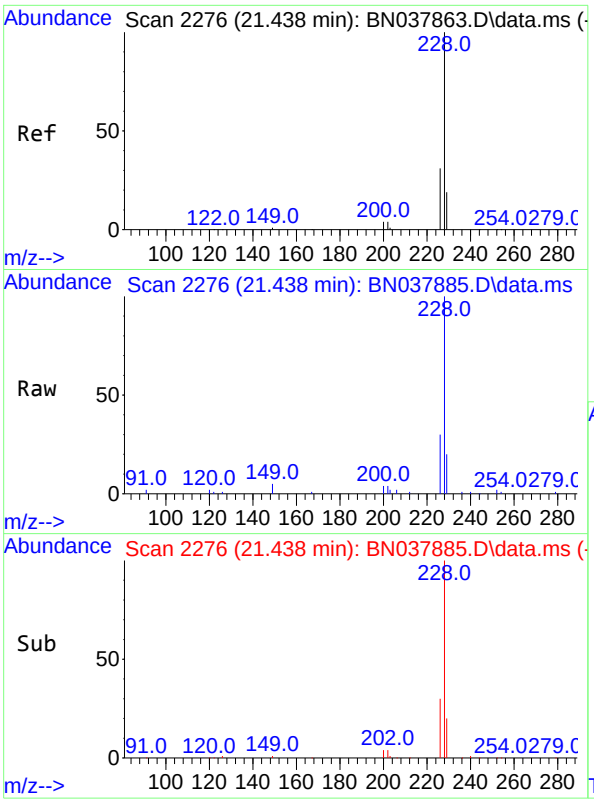


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.384 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:228 Resp: 20382

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.6	23.4



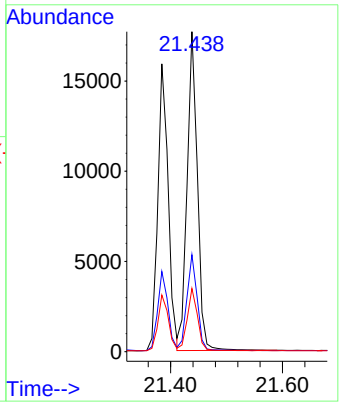


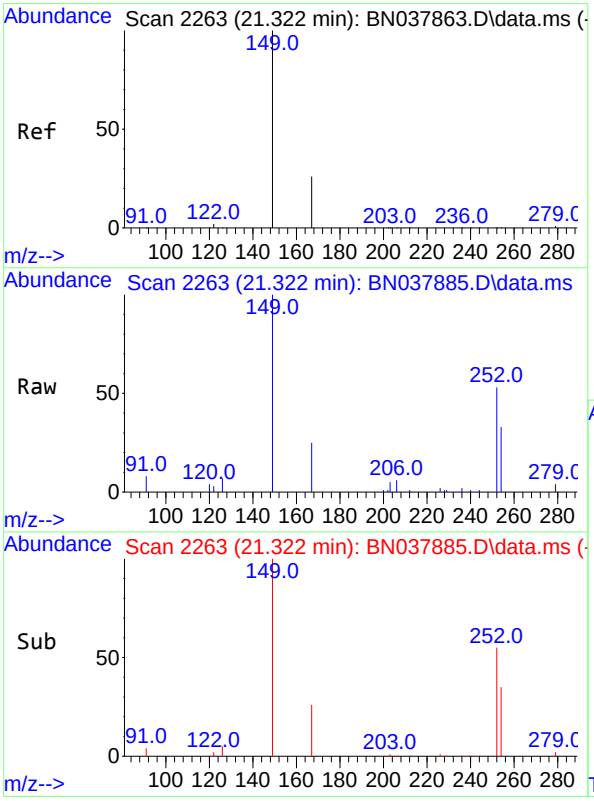
#33
Chrysene
Concen: 0.386 ng
RT: 21.438 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:228 Resp: 22553

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.7	15.6	23.4

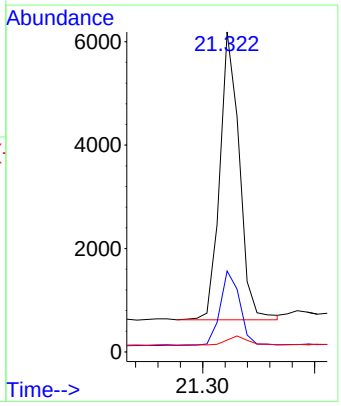


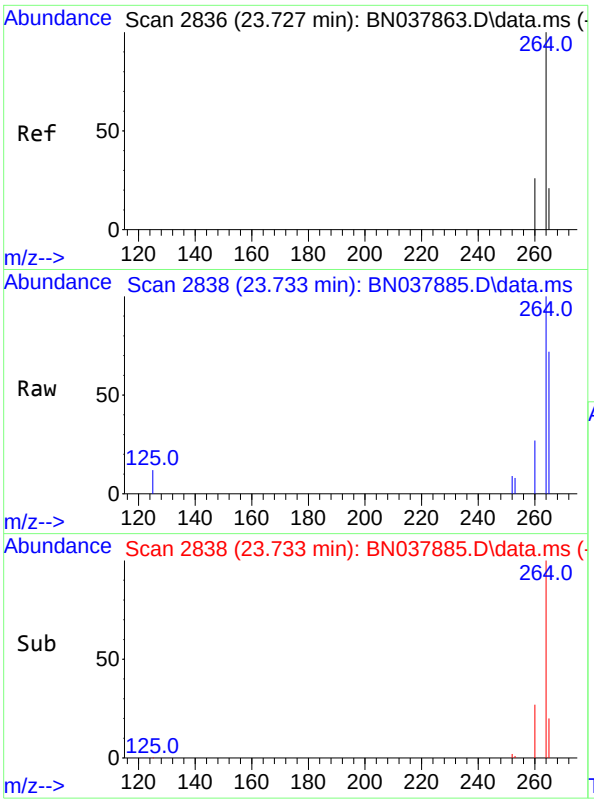


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:149 Resp: 6759

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.4	30.6
279	3.1	2.4	3.6



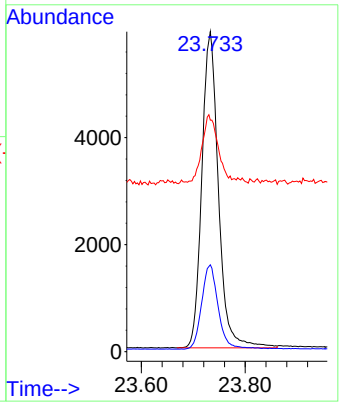


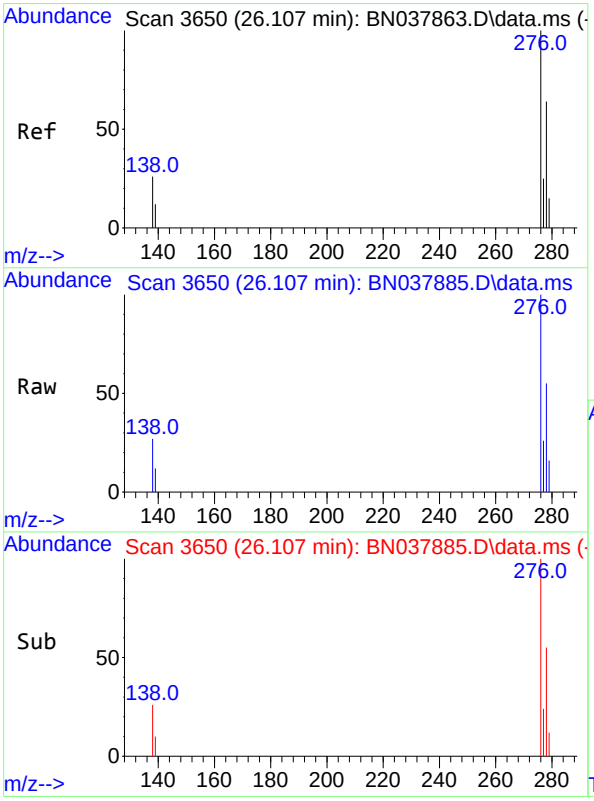
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:264 Resp: 13073

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	72.4	53.8	80.6

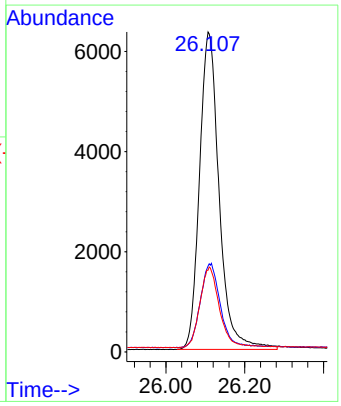


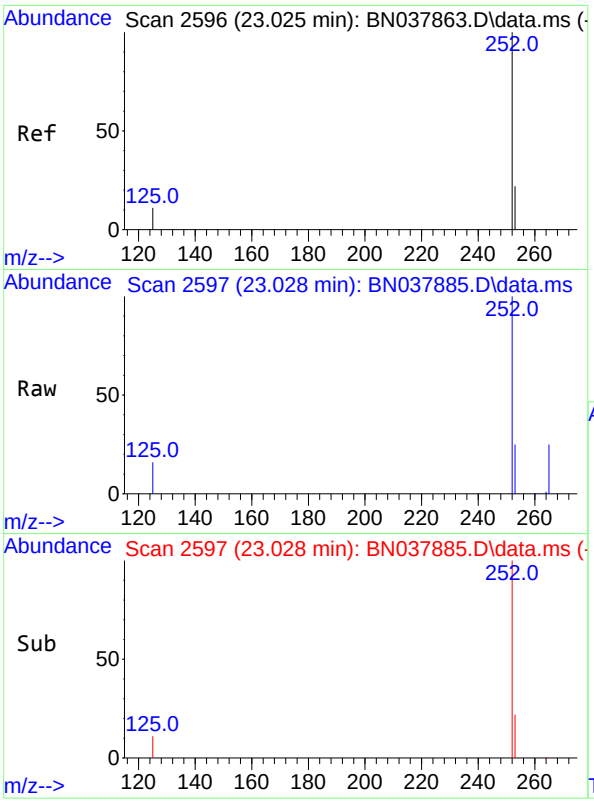


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 26.107 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:276 Resp: 21870

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.4	32.0
277	24.9	20.3	30.5



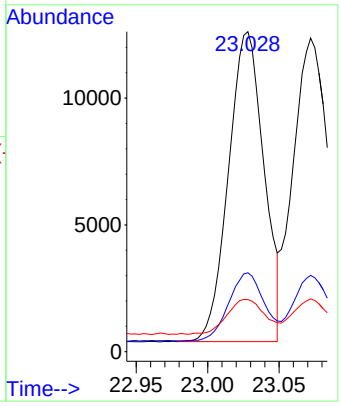


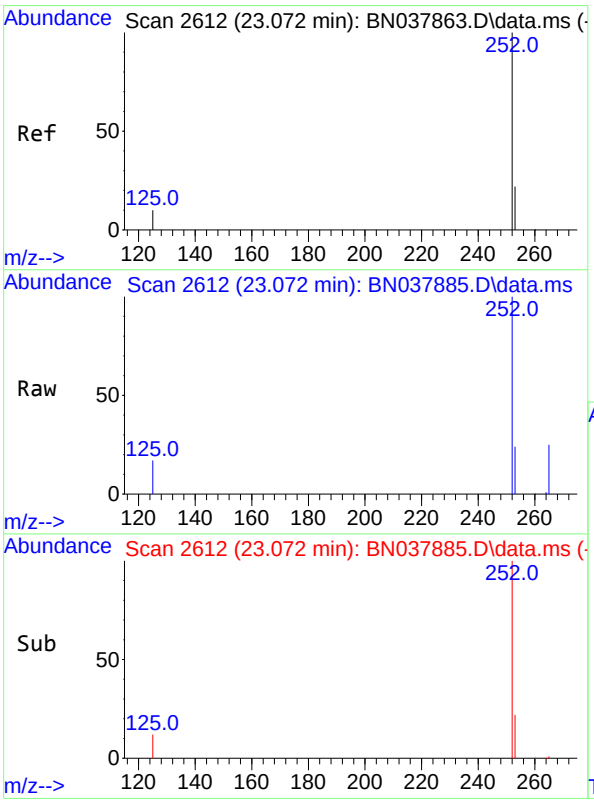
#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 23.028 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:252 Resp: 21060

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.0
125	16.3	13.0	19.4

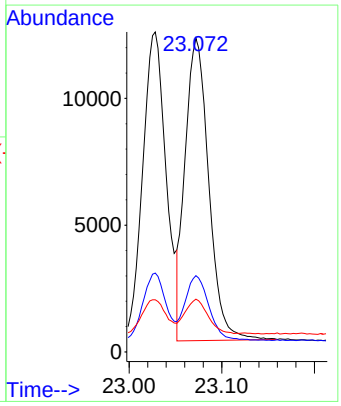


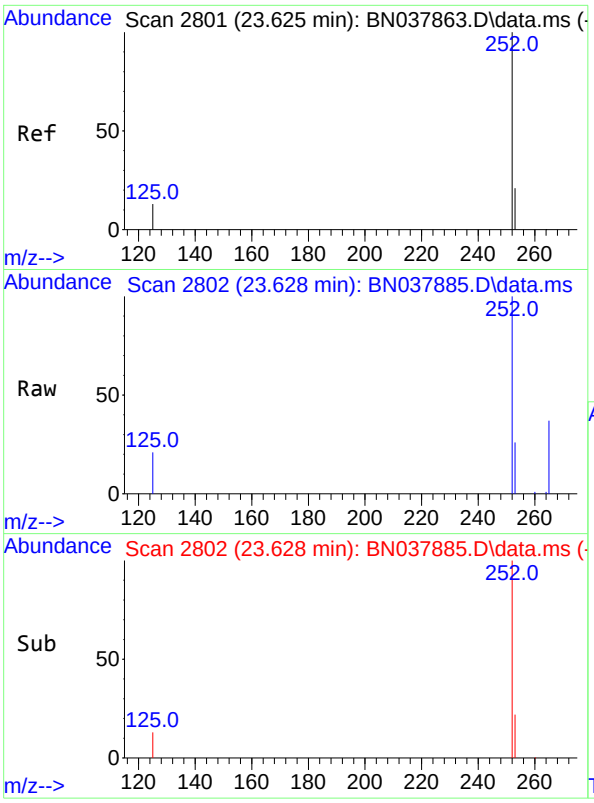


#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.072 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:252 Resp: 21159

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	16.8	13.0	19.4



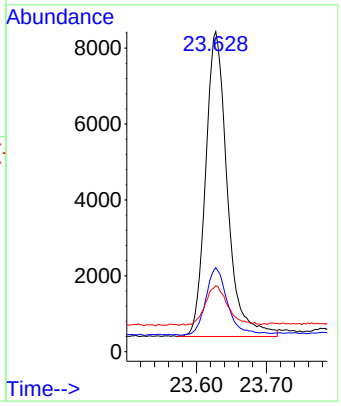


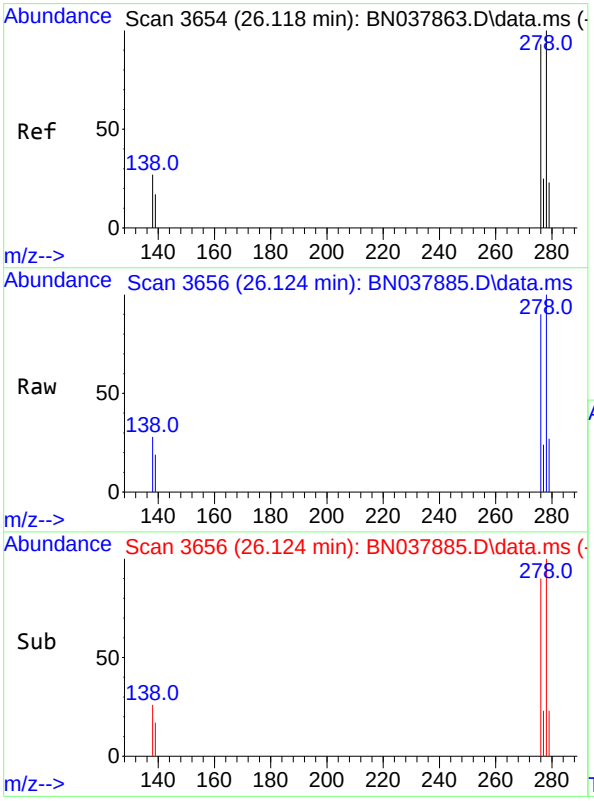
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.628 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:252 Resp: 17352

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.6	30.8
125	20.6	16.7	25.1

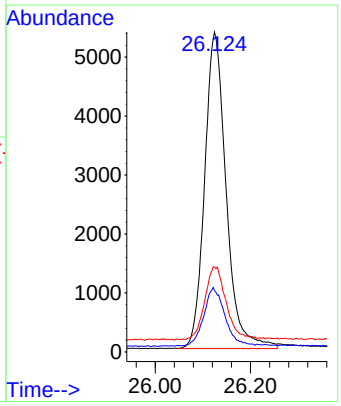


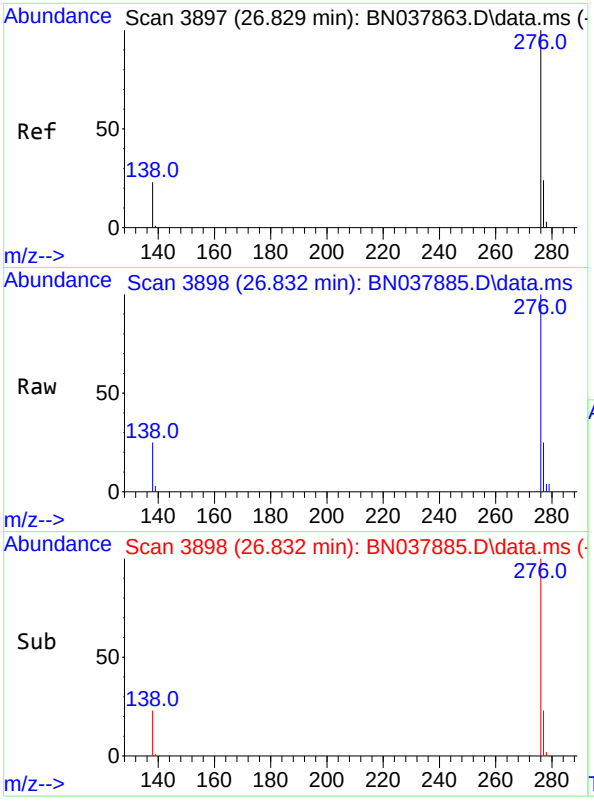


#40
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 26.124 min Scan# 3656
Delta R.T. 0.006 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Tgt Ion:278 Resp: 16856

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	26.6	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.832 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037885.D
Acq: 25 Sep 2025 12:44

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Tgt Ion:276 Resp: 17953

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.4
138	24.7	19.8	29.8